

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
 Data File : BF093239.D
 Acq On : 28 Feb 2017 10:44
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 13:04:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130326	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	527886	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	255790	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	467102	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	368844	20.00	ng	-0.05
86) Perylene-d12	15.39	264	258429	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	624351	82.19	ng	-0.05
7) Phenol-d6	6.46	99	827327	84.64	ng	-0.02
23) Nitrobenzene-d5	7.38	82	710126	74.91	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	145755	78.79	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	1276272	90.39	ng	-0.05
78) Terphenyl-d14	12.91	244	1183061	75.37	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	161058	39.24	ng	87
3) Pyridine	3.05	79	465318	44.58	ng	88
4) n-Nitrosodimethylamine	3.00	42	180767	36.88	ng	# 84
6) Aniline	6.48	93	537324	40.30	ng	# 81
8) 2-Chlorophenol	6.60	128	338669	40.41	ng	90
9) Benzaldehyde	6.36	77	246256	35.17	ng	95
10) Phenol	6.48	94	492963	43.11	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	362882	39.76	ng	89
12) 1,3-Dichlorobenzene	6.75	146	406575	41.42	ng	98
13) 1,4-Dichlorobenzene	6.75	146	406575	40.92	ng	94
14) 1,2-Dichlorobenzene	6.98	146	383592	40.38	ng	97
15) Benzyl Alcohol	6.96	79	270384	37.37	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	651834	41.11	ng	99
17) 2-Methylphenol	7.08	107	297432	41.37	ng	97
18) Hexachloroethane	7.32	117	139438	41.11	ng	90
19) n-Nitroso-di-n-propylamine	7.23	70	267688	43.02	ng	96
20) 3+4-Methylphenols	7.24	107	397869	46.28	ng	# 72
22) Acetophenone	7.23	105	501356	41.60	ng	# 97
24) Nitrobenzene	7.40	77	432694	44.45	ng	92
25) Isophorone	7.64	82	740839	41.94	ng	99
26) 2-Nitrophenol	7.72	139	188091	40.65	ng	# 76
27) 2,4-Dimethylphenol	7.76	122	303690	37.37	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	444477	37.99	ng	99
29) 2,4-Dichlorophenol	7.96	162	302803	39.95	ng	91
30) 1,2,4-Trichlorobenzene	8.04	180	322953	39.54	ng	98
31) Naphthalene	8.12	128	1032651	38.59	ng	98
32) Benzoic acid	7.89	122	141373	33.29	ng	98
33) 4-Chloroaniline	8.18	127	401237	38.23	ng	# 93
34) Hexachlorobutadiene	8.24	225	166933	37.15	ng	99
35) Caprolactam	8.54	113	93905	39.39	ng	# 32
36) 4-Chloro-3-methylphenol	8.66	107	299931	37.96	ng	92
37) 2-Methylnaphthalene	8.81	142	682608	39.73	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	312031	43.46	ng	99
40) Hexachlorocyclopentadiene	8.96	237	127228	39.27	ng	95

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 13:04:18 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
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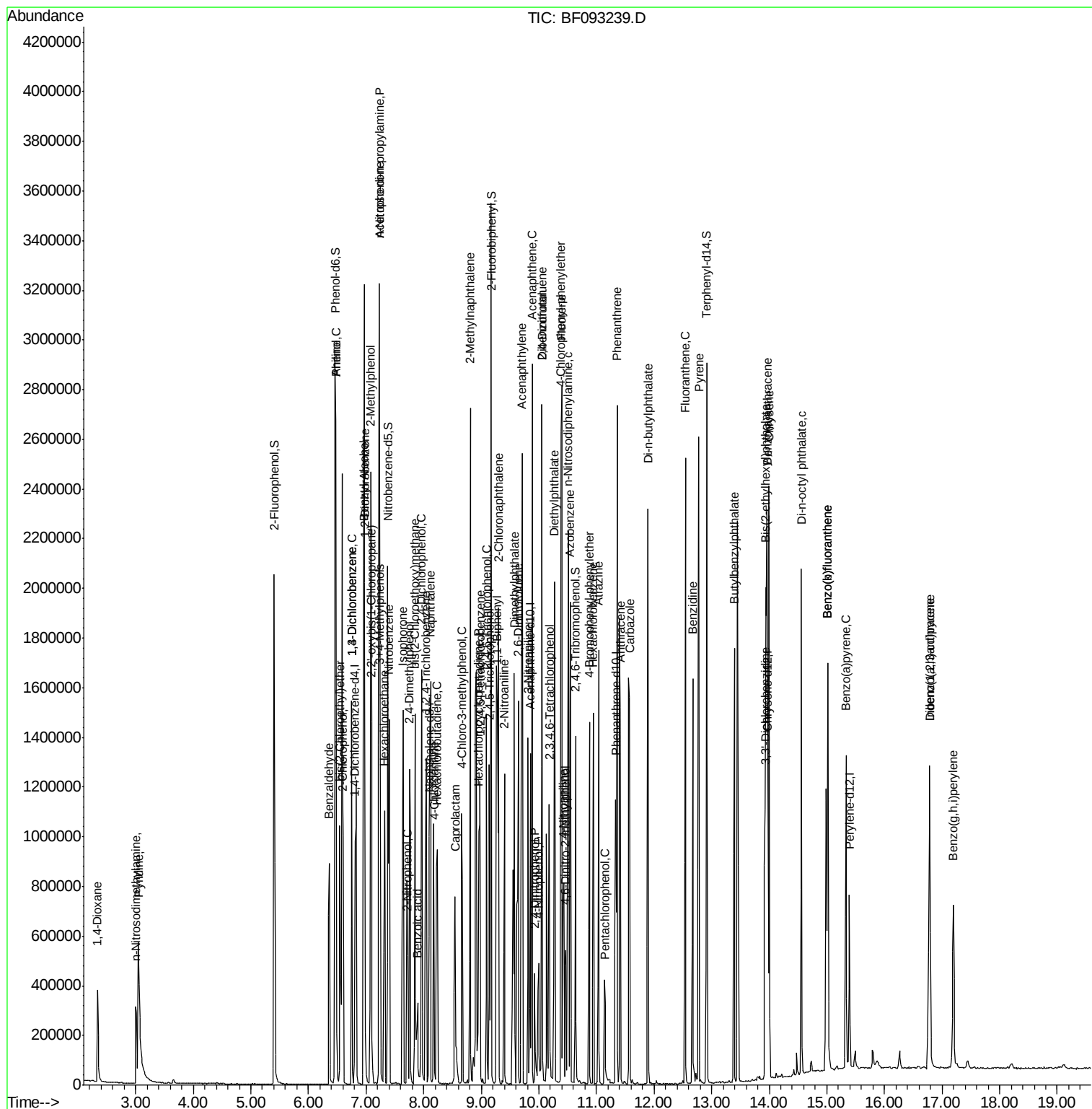
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	196192	41.58	nq	94
43) 2,4,5-Trichlorophenol	9.14	196	210931	40.80	nq	# 88
45) 1,1'-Biphenyl	9.28	154	787513	42.52	nq	99
46) 2-Chloronaphthalene	9.30	162	661807	45.68	nq	97
47) 2-Nitroaniline	9.40	65	231780	47.58	nq	# 82
48) Acenaphthylene	9.71	152	1090425	43.56	nq	99
49) Dimethylphthalate	9.57	163	709590	41.19	nq	99
50) 2,6-Dinitrotoluene	9.64	165	169923	45.67	nq	# 88
51) Acenaphthene	9.88	154	619880	41.42	nq	96
52) 3-Nitroaniline	9.81	138	205462	48.25	nq	92
53) 2,4-Dinitrophenol	9.93	184	81117	45.05	nq	# 75
54) Dibenzofuran	10.05	168	818606	40.90	nq	95
55) 4-Nitrophenol	10.00	139	109770	35.79	nq	# 73
56) 2,4-Dinitrotoluene	10.05	165	204073	41.20	nq	# 87
57) Fluorene	10.40	166	731523	47.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	149368	43.31	nq	95
59) Diethylphthalate	10.27	149	712226	43.86	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	300711	40.65	nq	90
61) 4-Nitroaniline	10.43	138	210857	48.35	nq	81
62) Azobenzene	10.54	77	756213	45.08	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	114671	40.76	nq	92
65) n-Nitrosodiphenylamine	10.51	169	613312	41.10	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	191460	39.23	nq	# 89
67) Hexachlorobenzene	10.94	284	182570	37.86	nq	# 93
68) Atrazine	11.04	200	174733	36.49	nq	99
69) Pentachlorophenol	11.15	266	76271	35.08	nq	98
70) Phenanthrene	11.36	178	991912	37.07	nq	98
71) Anthracene	11.41	178	1044161	38.85	nq	97
72) Carbazole	11.57	167	1013260	39.44	nq	# 97
73) Di-n-butylphthalate	11.89	149	1149683	41.38	nq	# 97
74) Fluoranthene	12.55	202	1033047	37.42	nq	96
76) Benzidine	12.67	184	637994	40.59	nq	99
77) Pyrene	12.77	202	1050973	38.07	nq	99
79) Butylbenzylphthalate	13.39	149	484809	43.25	nq	# 81
80) Benzo(a)anthracene	13.96	228	812849	36.03	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	299249	37.21	nq	# 95
82) Chrysene	14.00	228	761211	36.04	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	597502	38.98	nq	# 100
84) Di-n-octyl phthalate	14.56	149	1009838	40.45	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	535524	32.73	nq	# 94
87) Benzo(b)fluoranthene	15.01	252	1304218	76.67	nq	98
88) Benzo(k)fluoranthene	15.01	252	1304218	88.80	nq	96
89) Benzo(a)pyrene	15.33	252	581991	39.55	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	457906	38.51	nq	96
91) Benzo(g,h,i)perylene	17.20	276	470438	39.16	nq	# 92

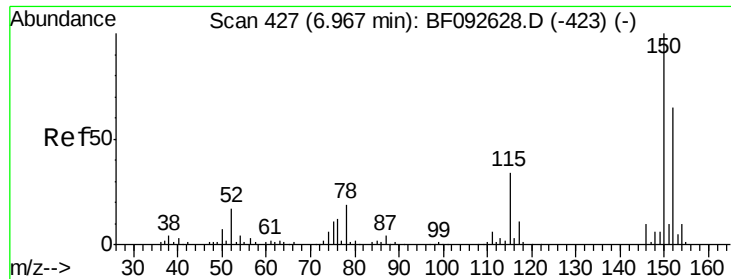
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 28 Feb 2017  10:44  
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Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
BNA_F
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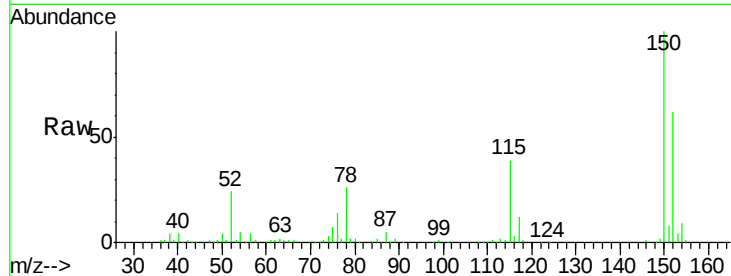


#1

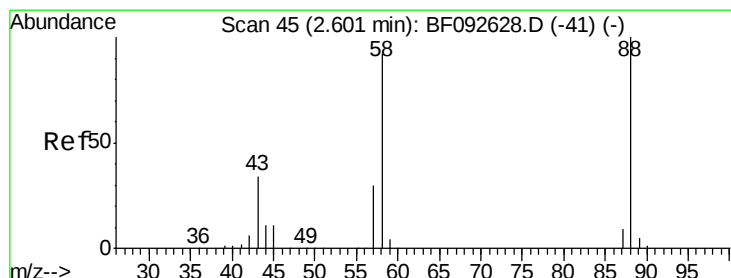
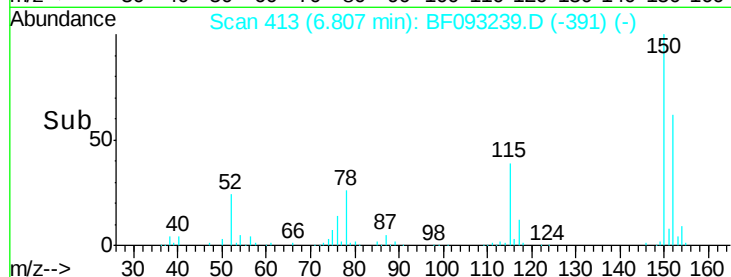
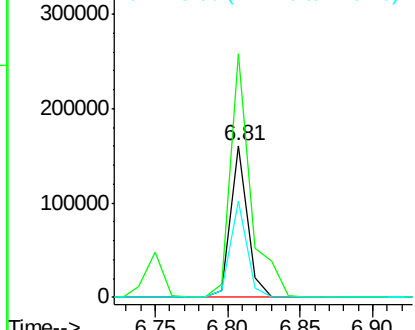
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130326
Ion Ratio Lower Upper
152 100
150 160.7 124.9 187.3
115 63.4 46.0 69.0



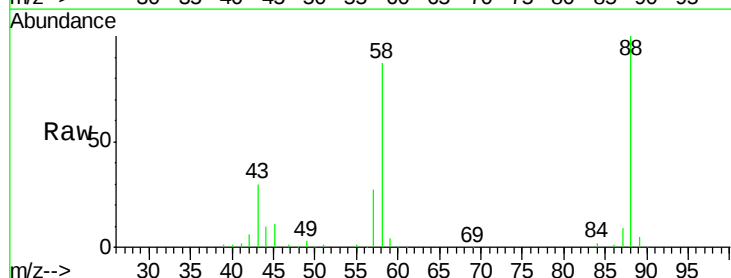
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



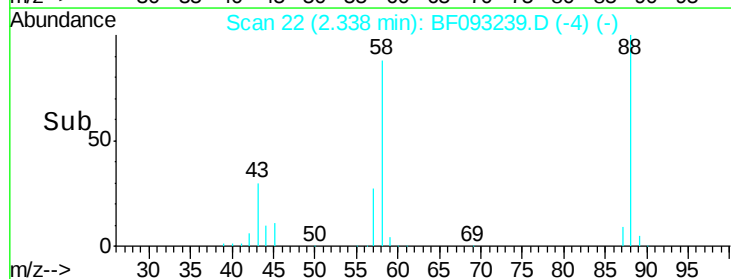
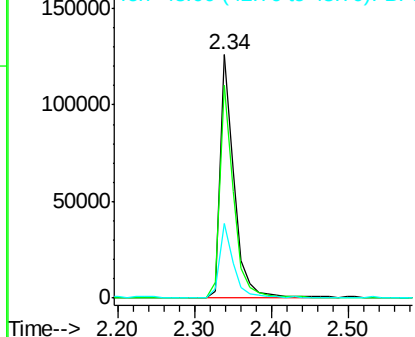
#2

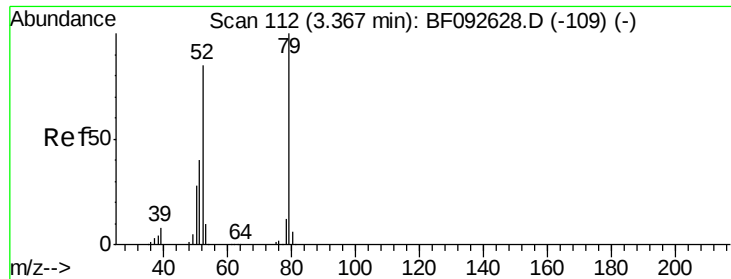
1,4-Dioxane
Concen: 39.24 ng
RT: 2.34 min Scan# 22
Delta R.T. -0.09 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion: 88 Resp: 161058
Ion Ratio Lower Upper
88 100
58 86.4 57.8 86.8
43 29.7 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.58 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.10 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

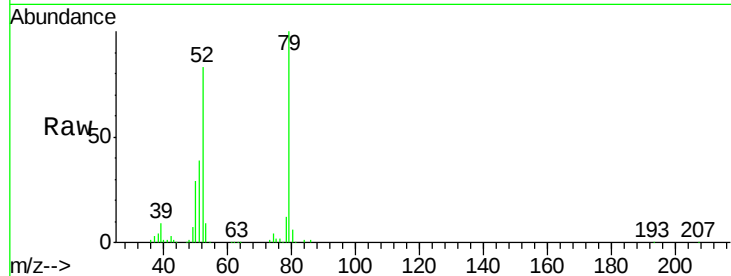
Tot Ion: 79 Resp: 465318

Ion Ratio Lower Upper

79 100

52 83.0 57.1 85.7

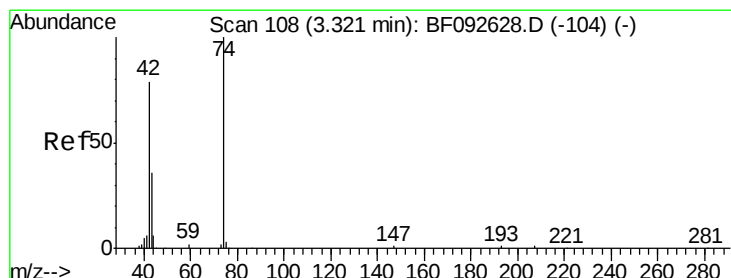
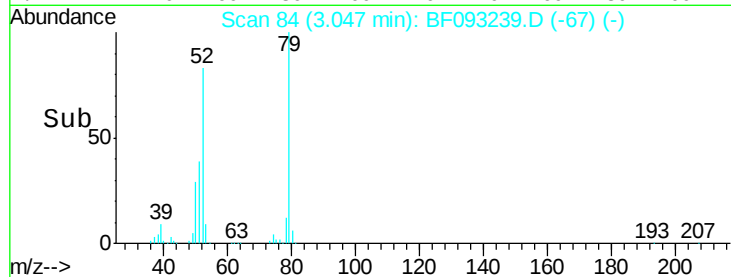
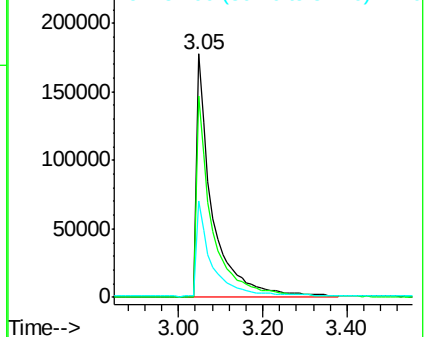
51 39.4 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.88 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.10 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

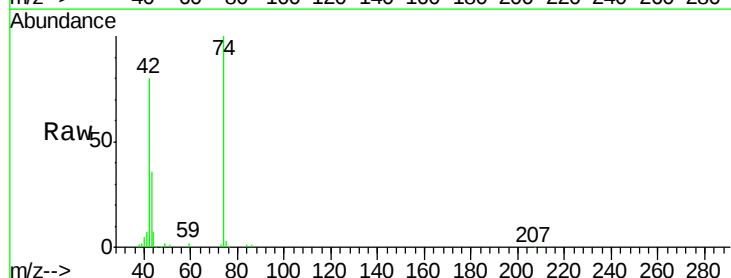
Tgt Ion: 42 Resp: 180767

Ion Ratio Lower Upper

42 100

74 125.7 117.0 175.4

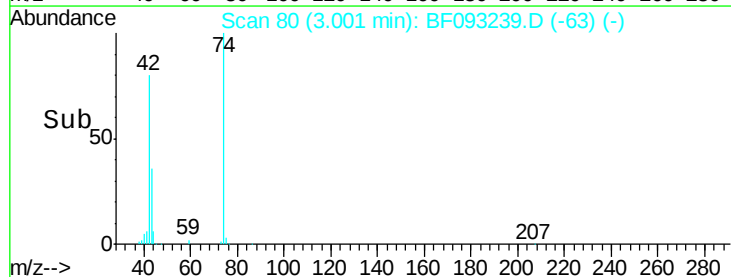
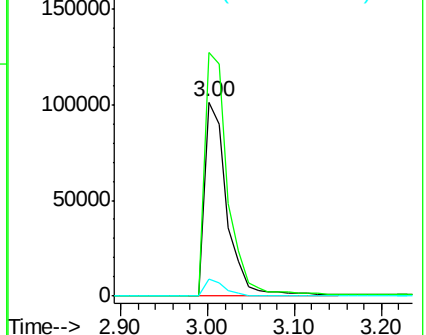
44 8.5 5.5 8.3#

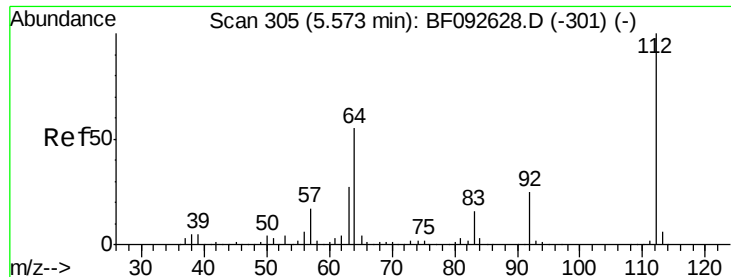


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.19 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

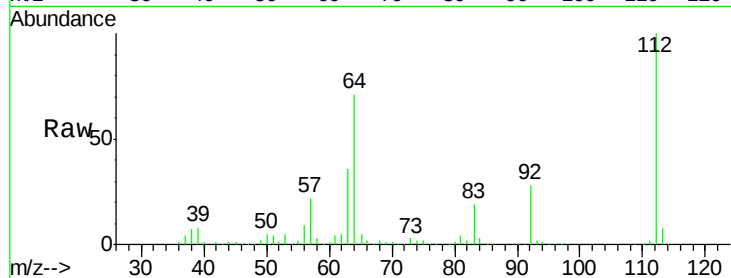
Tot Ion:112 Resp: 624351

Ion Ratio Lower Upper

112 100

64 71.3 46.1 69.1#

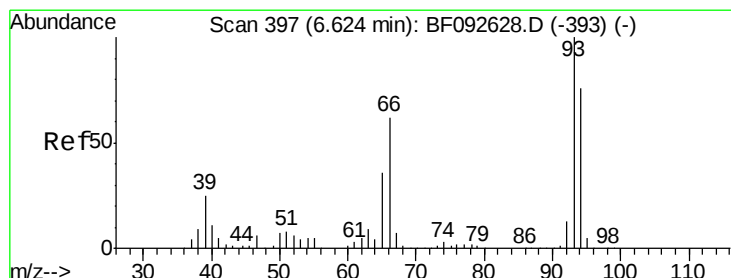
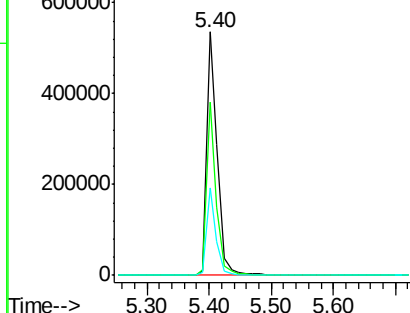
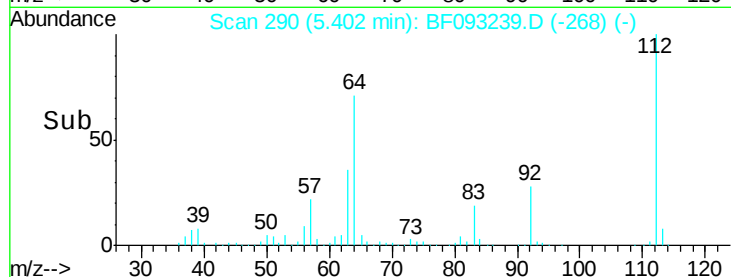
63 35.8 23.8 35.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.30 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

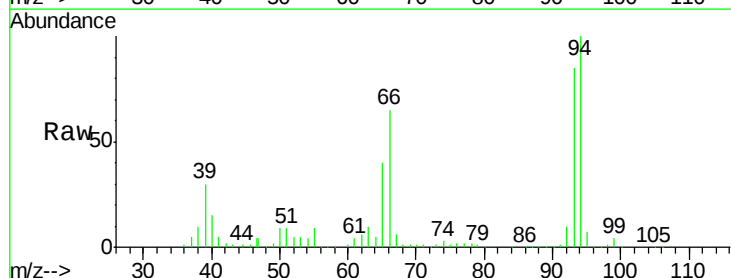
Tgt Ion: 93 Resp: 537324

Ion Ratio Lower Upper

93 100

66 76.3 76.2 114.2

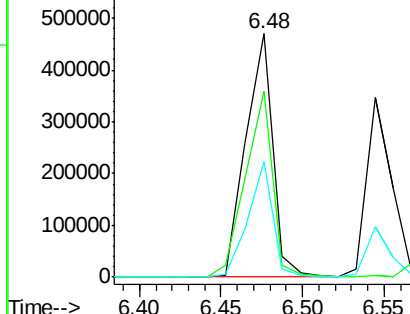
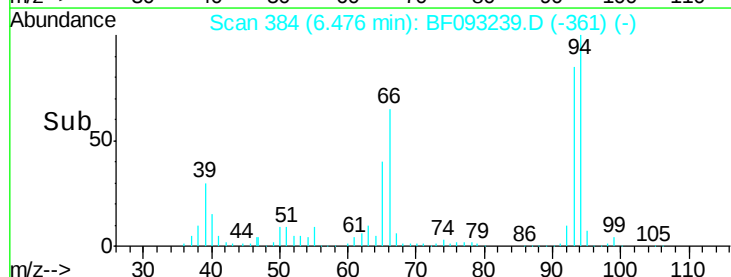
65 47.6 49.3 73.9#

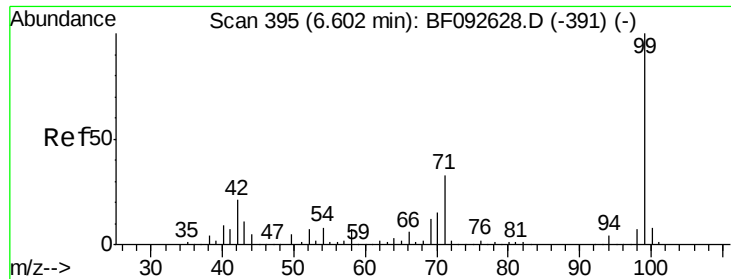


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.64 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampled :

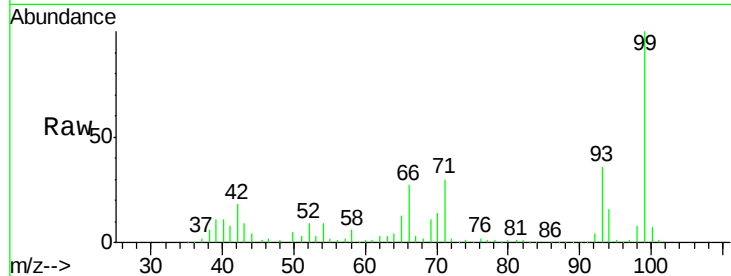
Tot Ion: 99 Resp: 827327

Ion Ratio Lower Upper

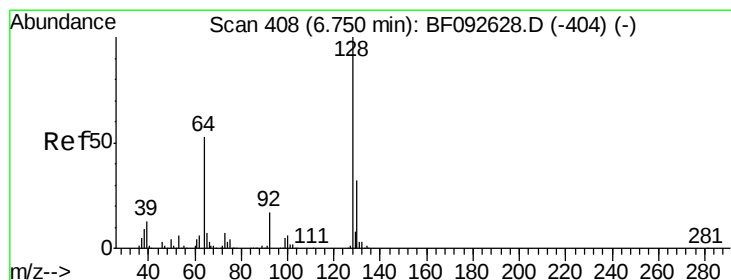
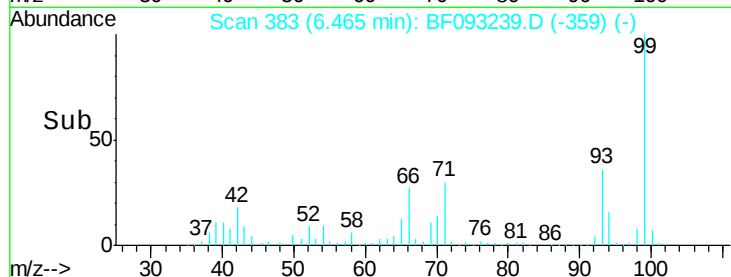
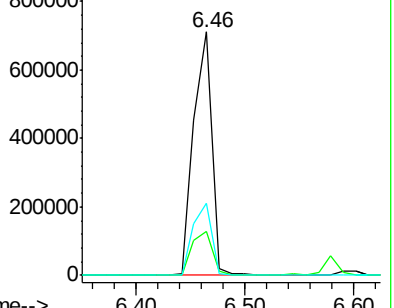
99 100

42 18.1 15.6 23.4

71 29.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.41 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

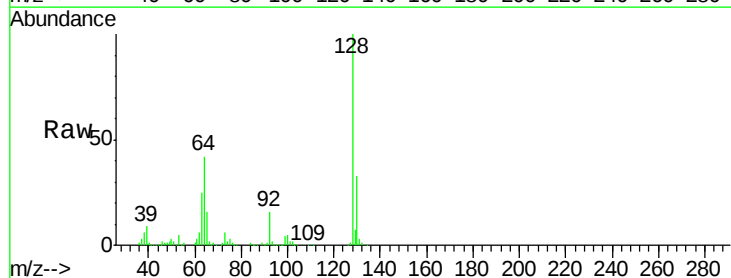
Tgt Ion: 128 Resp: 338669

Ion Ratio Lower Upper

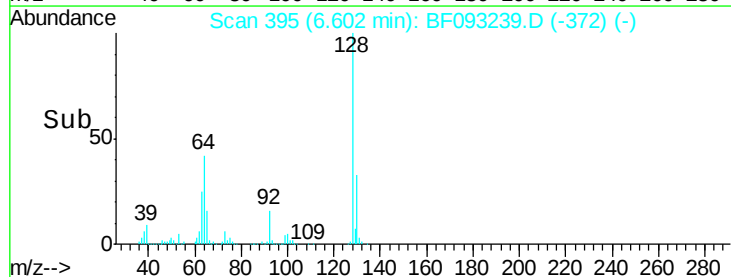
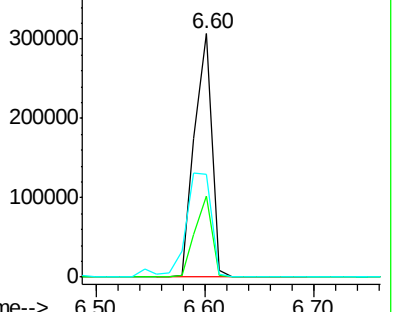
128 100

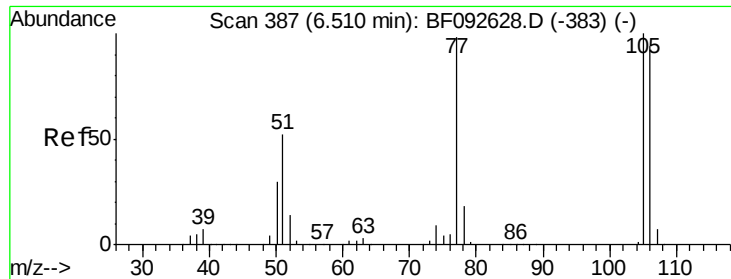
130 33.3 12.3 52.3

64 42.0 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.17 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampled :

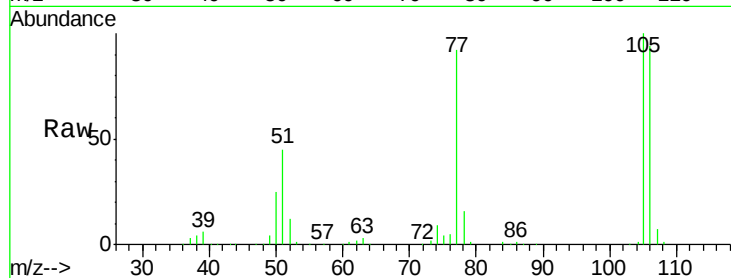
Tot Ion: 77 Resp: 246256

Ion Ratio Lower Upper

77 100

105 109.1 83.9 123.9

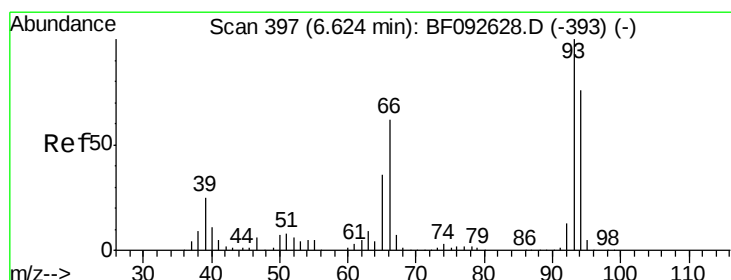
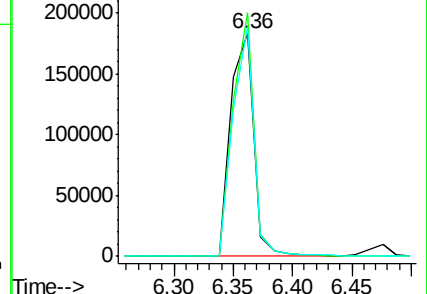
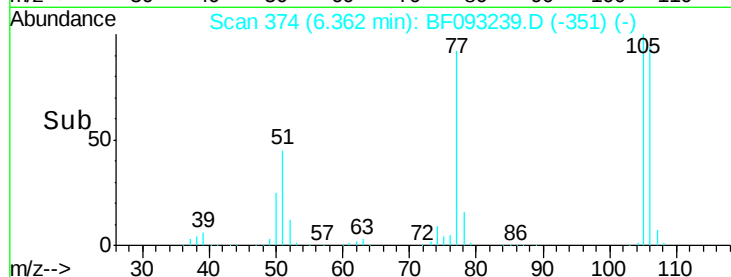
106 103.1 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.11 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

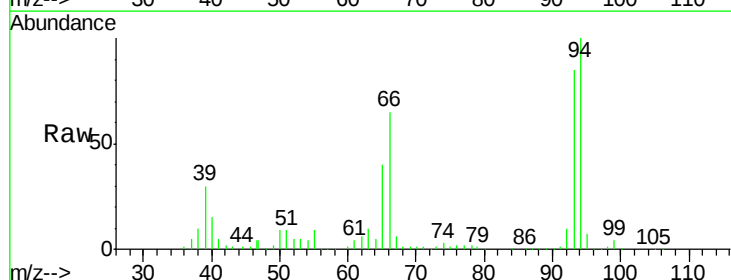
Tgt Ion: 94 Resp: 492963

Ion Ratio Lower Upper

94 100

65 40.5 21.4 61.4

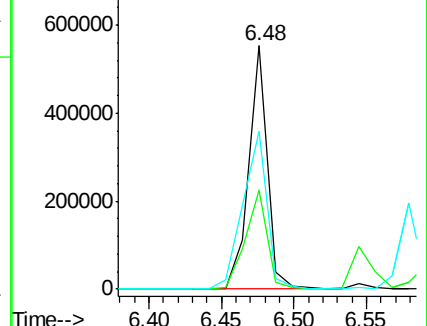
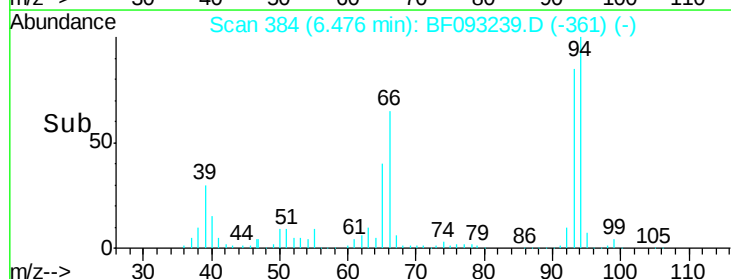
66 64.9 44.0 84.0

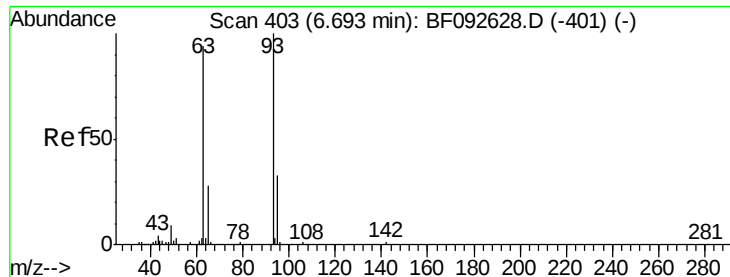


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.76 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

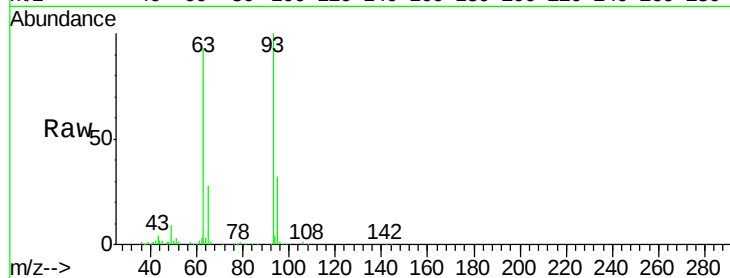
Tot Ion: 93 Resp: 362882

Ion Ratio Lower Upper

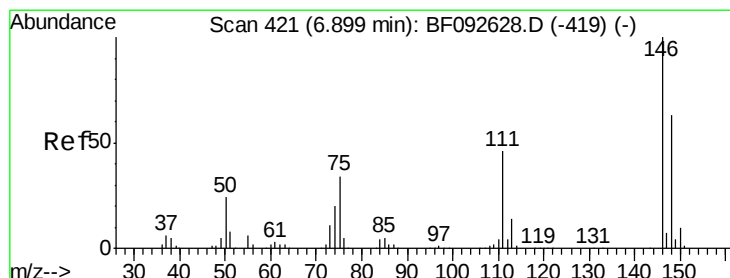
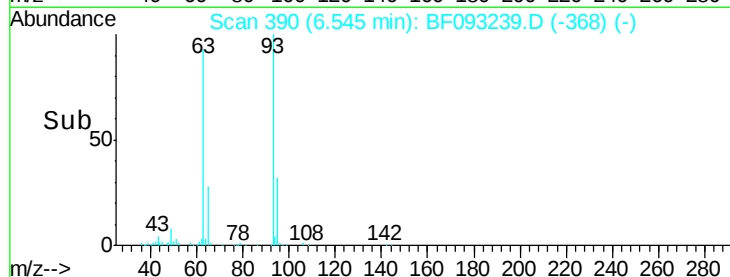
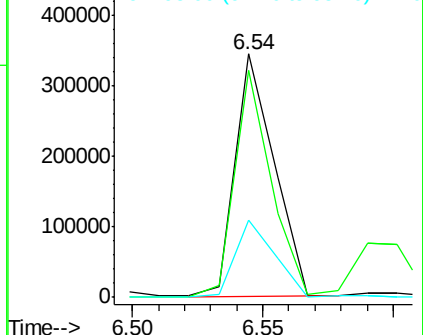
93 100

63 93.2 60.4 100.4

95 31.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.42 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

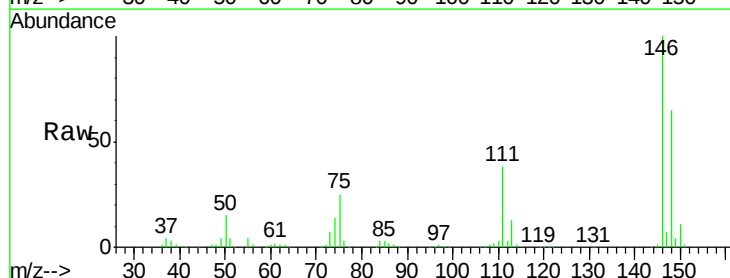
Tgt Ion: 146 Resp: 406575

Ion Ratio Lower Upper

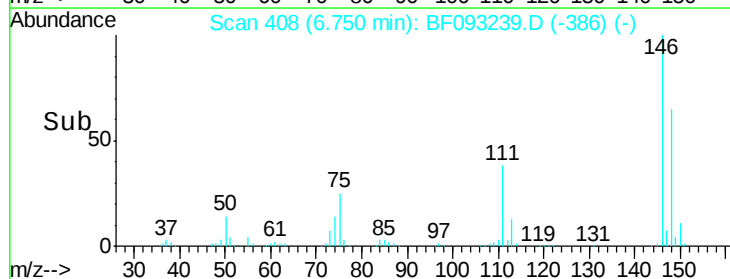
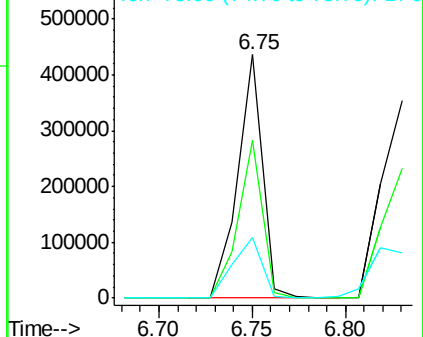
146 100

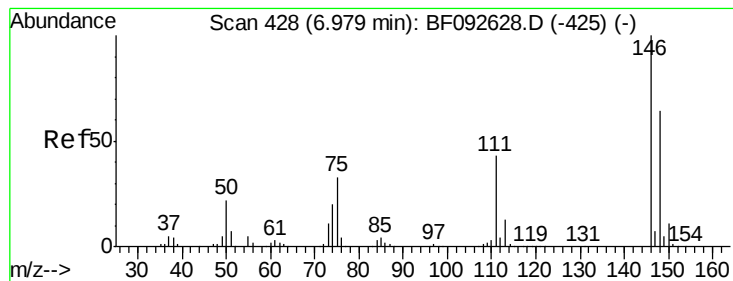
148 64.9 53.4 80.0

75 24.7 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.92 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.13 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampled :

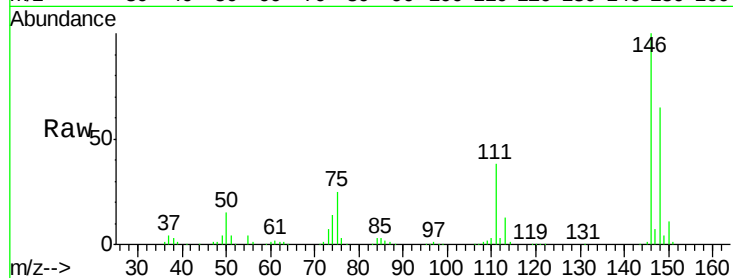
Tot Ion:146 Resp: 406575

Ion Ratio Lower Upper

146 100

148 64.9 50.6 76.0

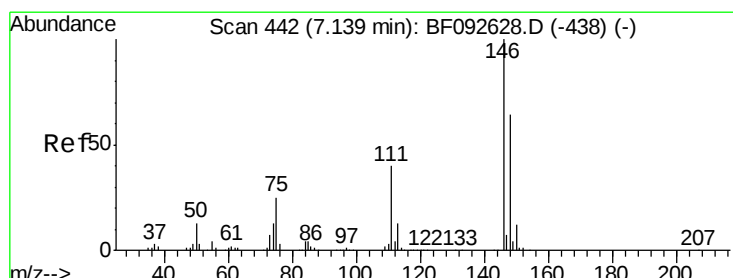
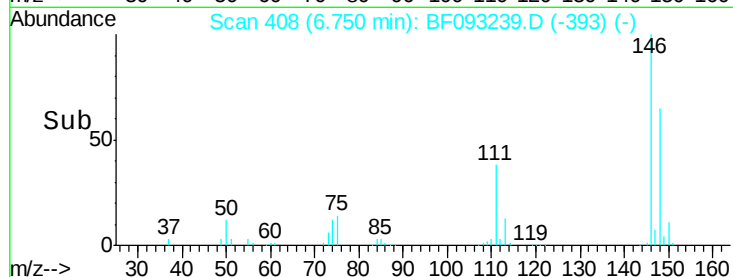
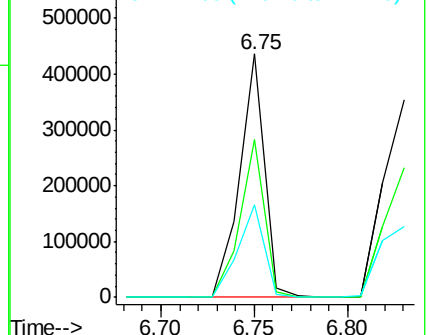
111 38.0 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.38 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

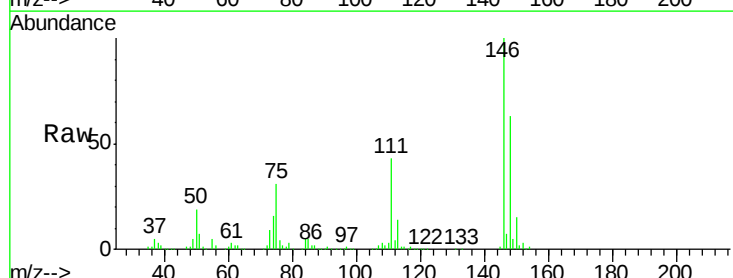
Tgt Ion:146 Resp: 383592

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

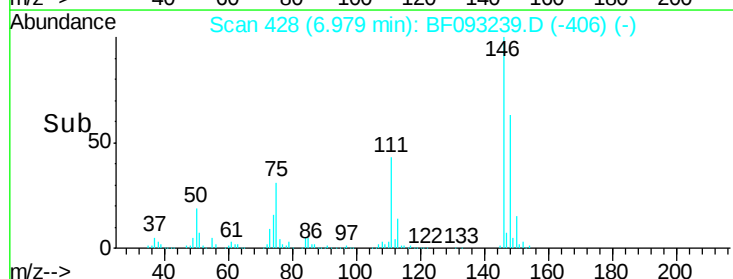
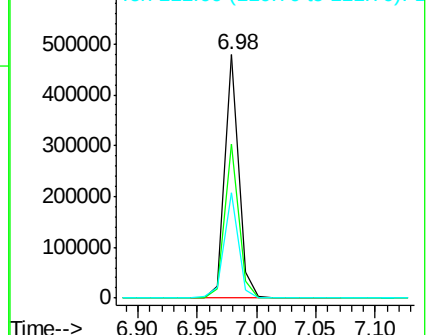
111 43.3 36.2 54.2

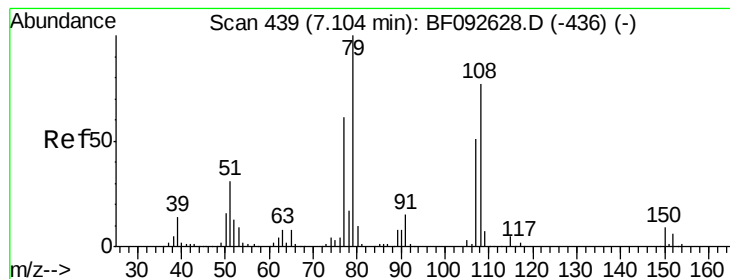


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.37 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampled :

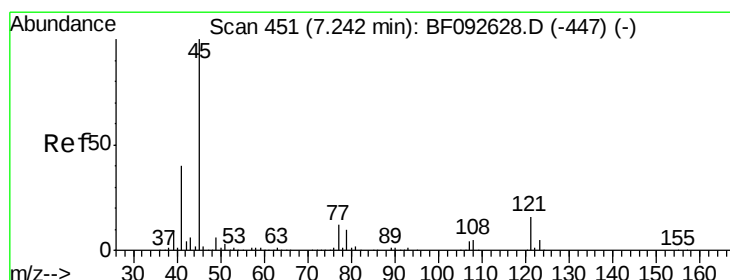
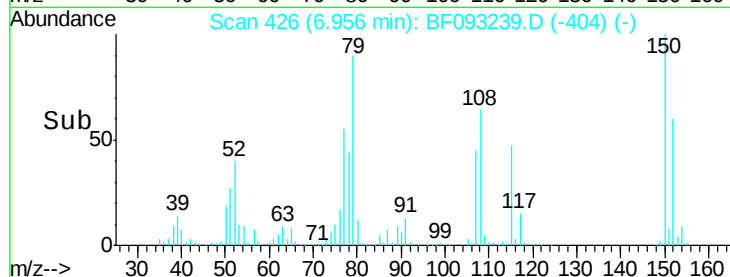
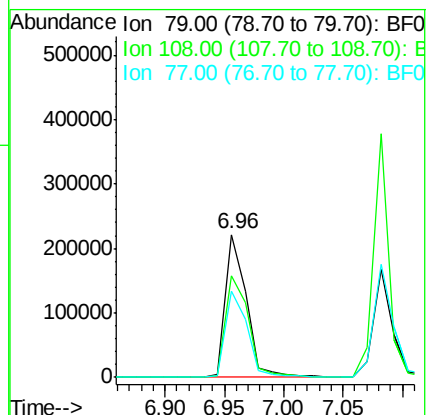
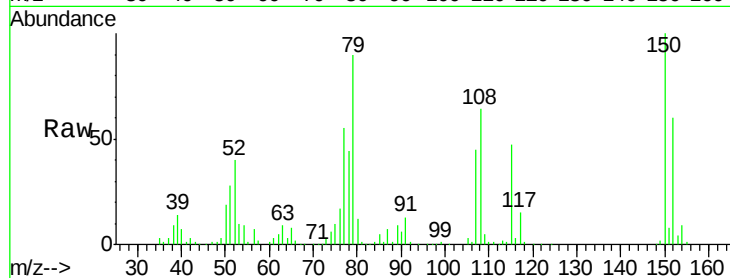
Tot Ion: 79 Resp: 270384

Ion Ratio Lower Upper

79 100

108 71.2 61.4 92.0

77 60.7 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.11 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

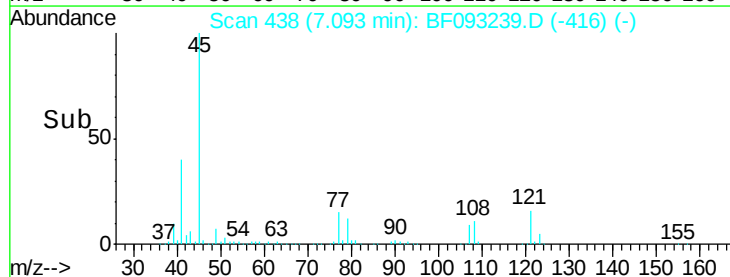
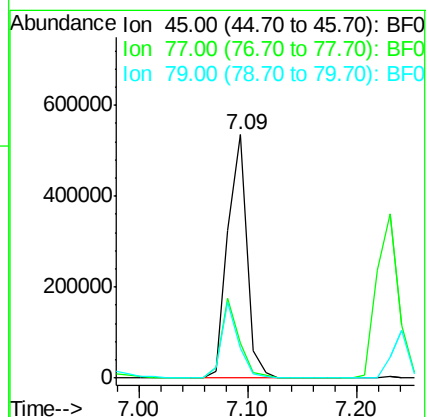
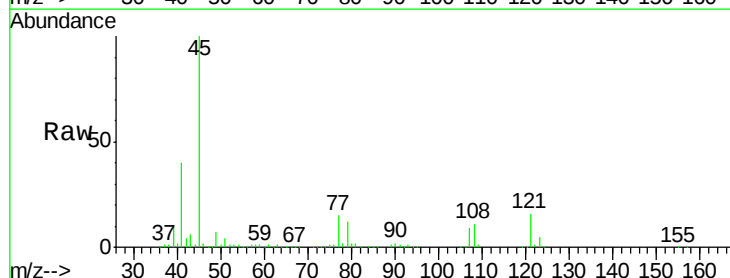
Tgt Ion: 45 Resp: 651834

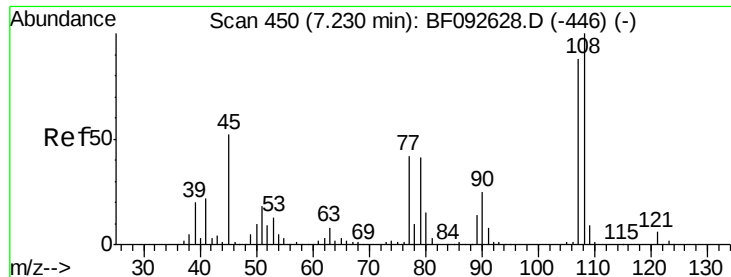
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.6

79 12.2 0.0 31.2





#17

2-Methylphenol

Concen: 41.37 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 297432

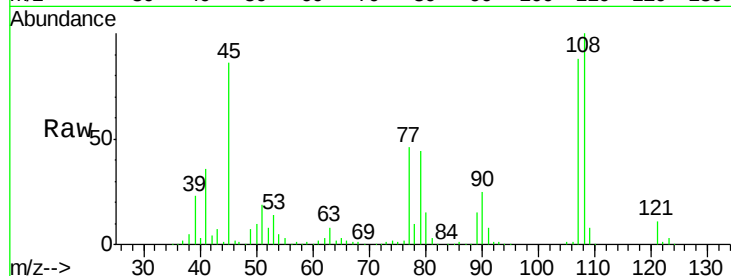
Ion Ratio Lower Upper

107 100

108 113.8 93.0 139.6

77 52.9 39.8 59.8

79 50.4 38.0 57.0

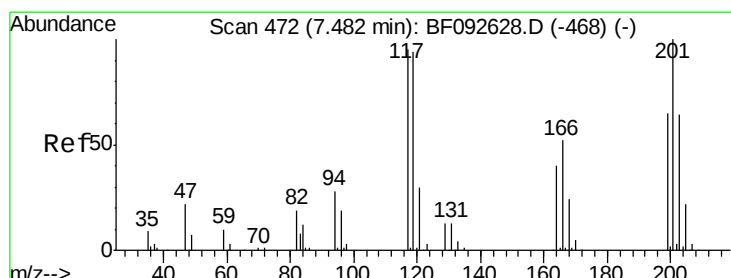
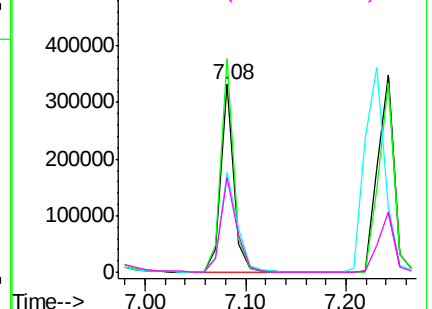
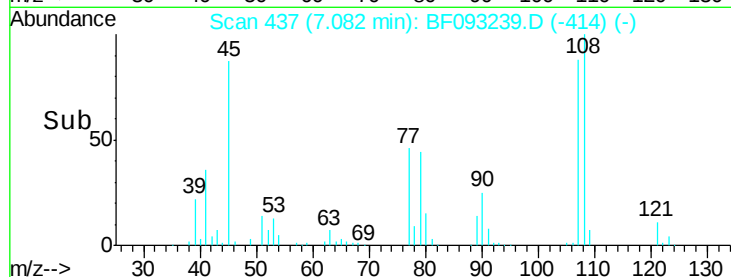


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.11 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

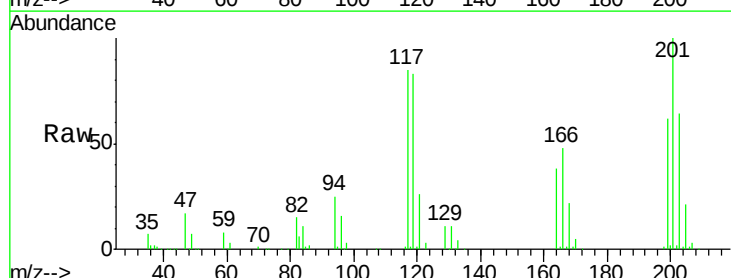
Tgt Ion:117 Resp: 139438

Ion Ratio Lower Upper

117 100

119 97.5 78.1 117.1

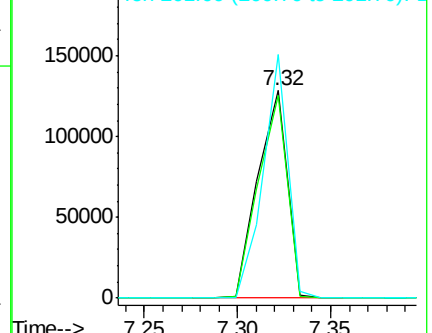
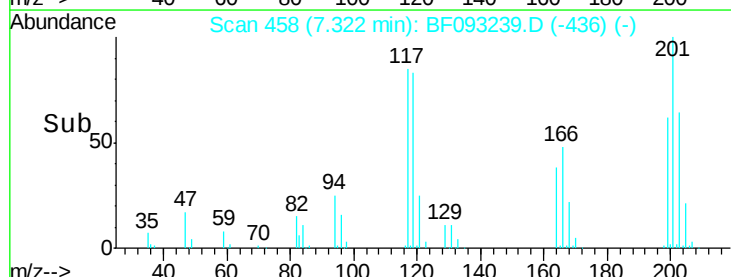
201 117.3 78.6 117.8

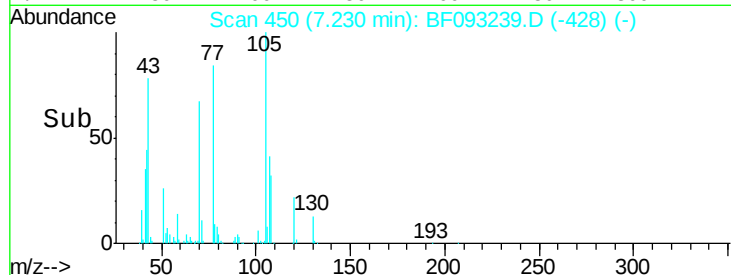
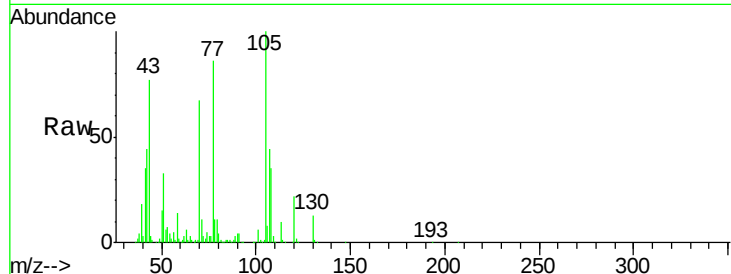
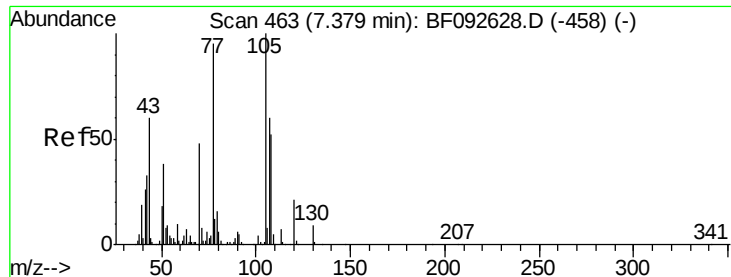


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

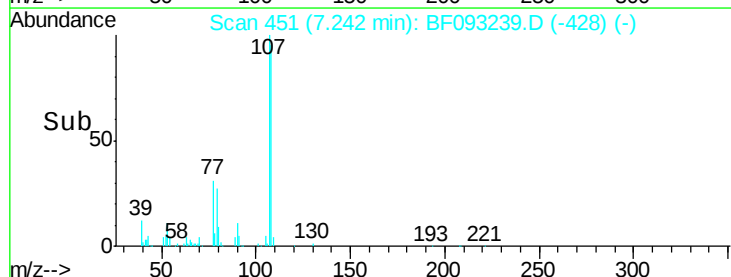
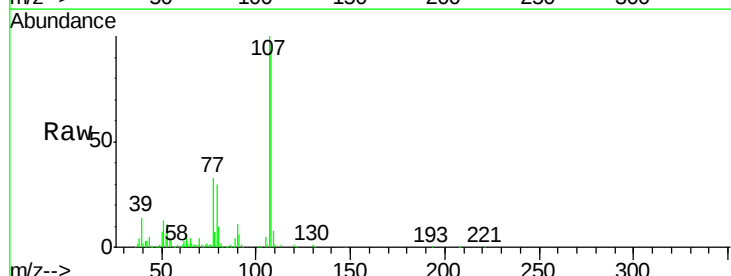
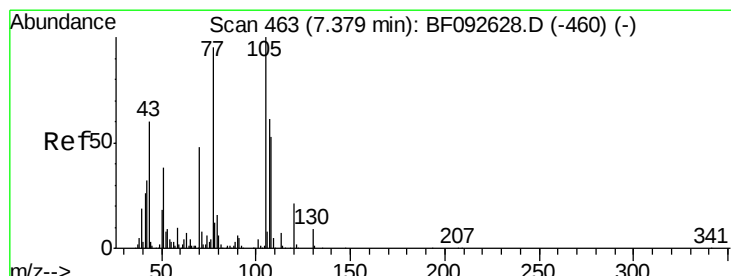
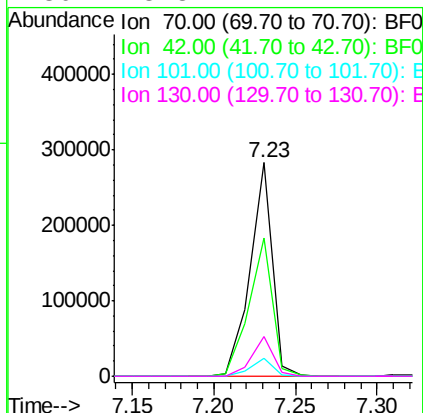




#19
n-Nitroso-di-n-propylamine
Concen: 43.02 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

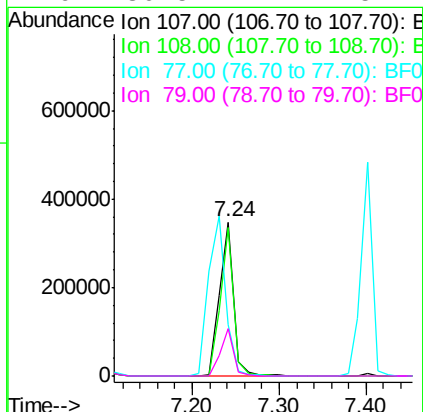
Instrument :
BNA_F
ClientSampleId :

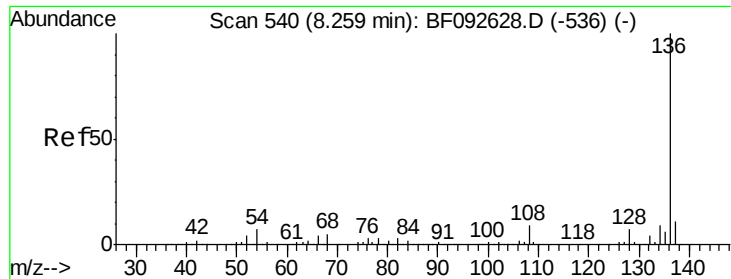
Tot Ion:	70	Resp:	267688
Ion	Ratio	Lower	Upper
70	100		
42	65.0	49.4	74.0
101	8.7	7.4	11.2
130	18.8	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.28 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:	107	Resp:	397869
Ion	Ratio	Lower	Upper
107	100		
108	96.3	73.0	113.0
77	33.4	71.3	111.3#
79	30.5	11.1	51.1

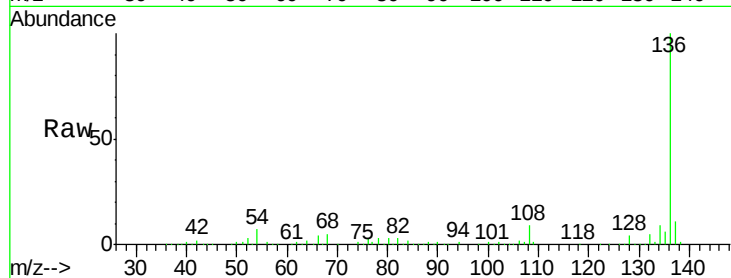




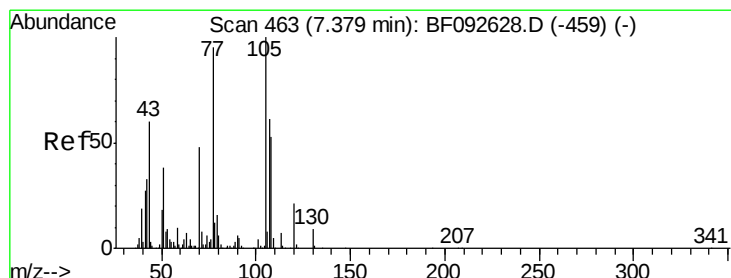
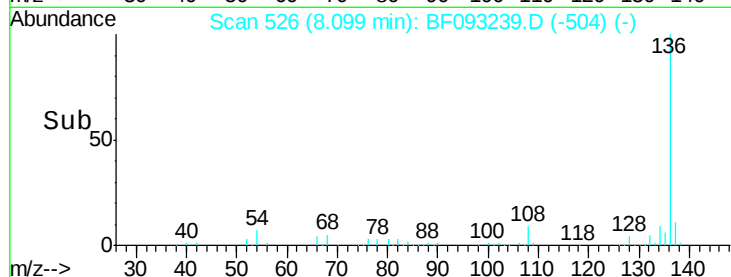
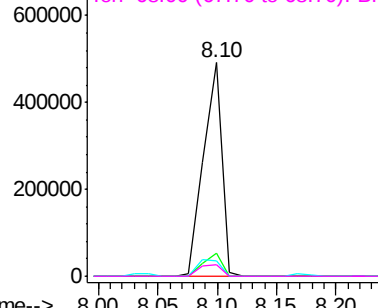
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	527886
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.5	4.5	6.7#
68	5.3	3.6	5.4

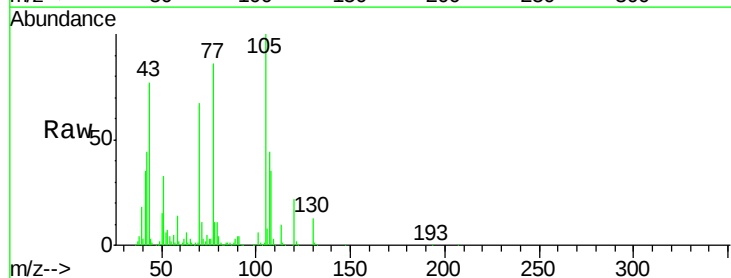


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

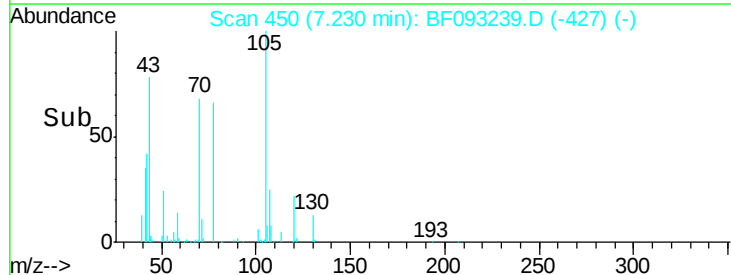
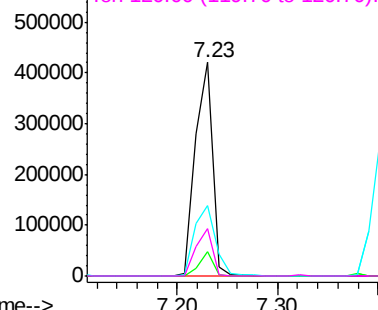


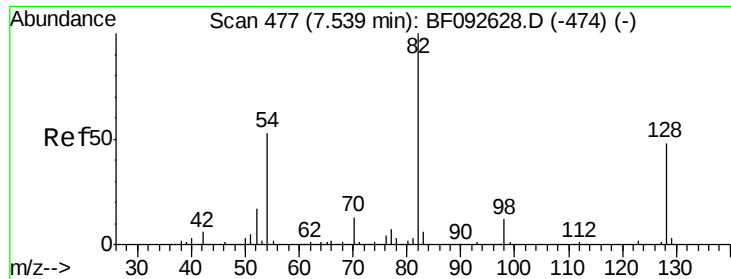
#22
Acetophenone
Concen: 41.60 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:	105	Resp:	501356
Ion	Ratio	Lower	Upper
105	100		
71	11.4	3.2	4.8#
51	33.1	26.2	39.4
120	22.3	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

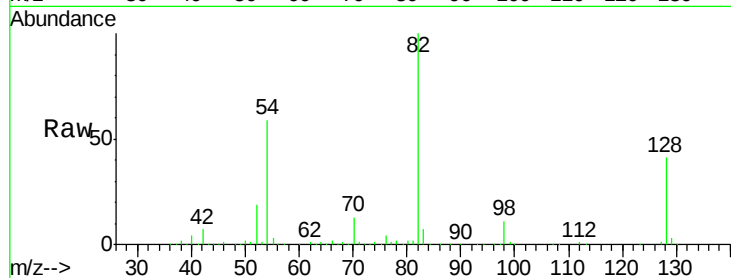




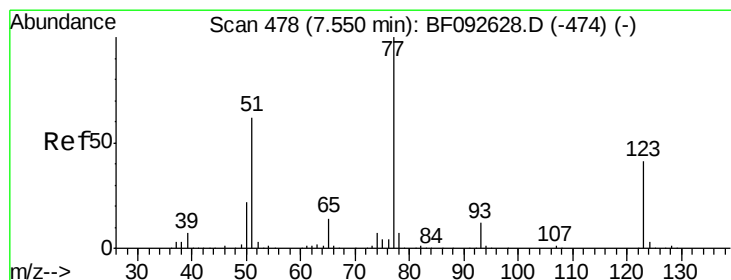
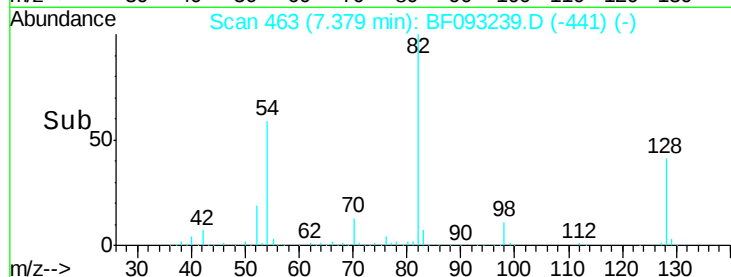
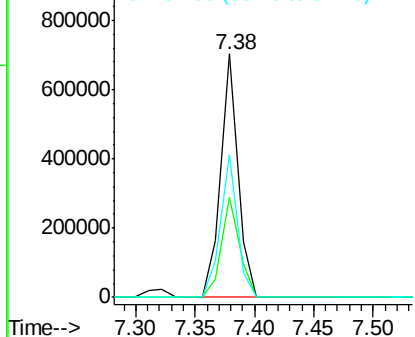
#23
Nitrobenzene-d5
Concen: 74.91 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	710126
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	58.5	39.5	59.3

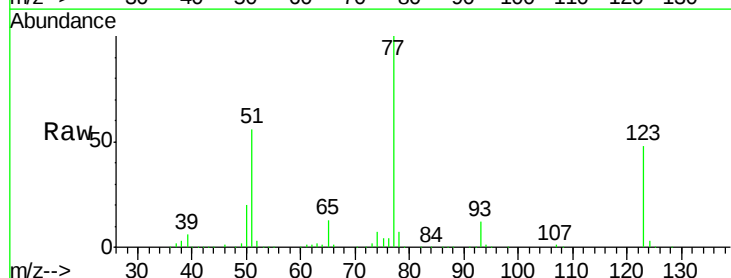


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

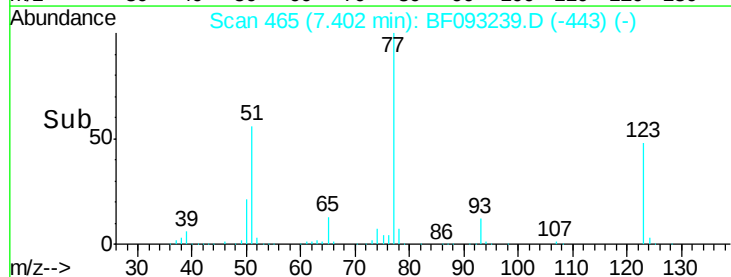
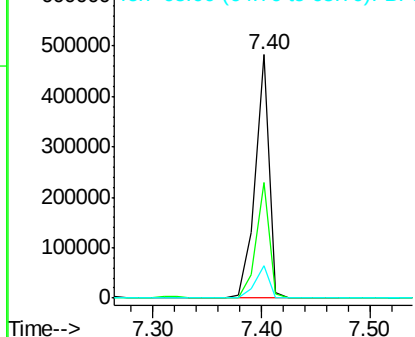


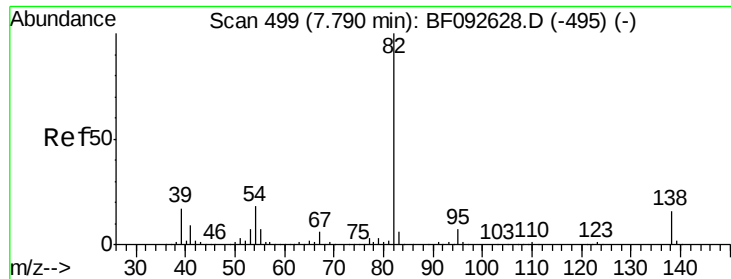
#24
Nitrobenzene
Concen: 44.45 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	77	Resp	432694
Ion	Ratio	Lower	Upper
77	100		
123	47.5	33.0	49.4
65	13.2	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.94 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

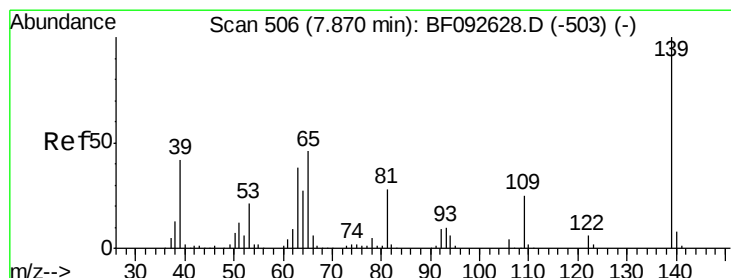
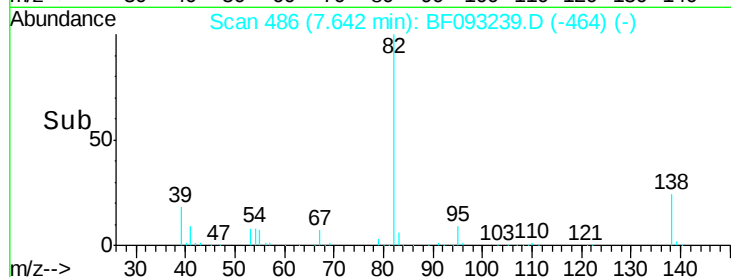
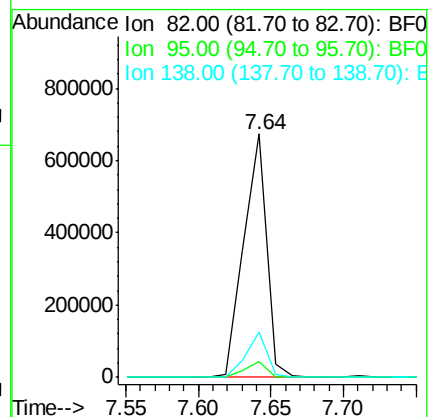
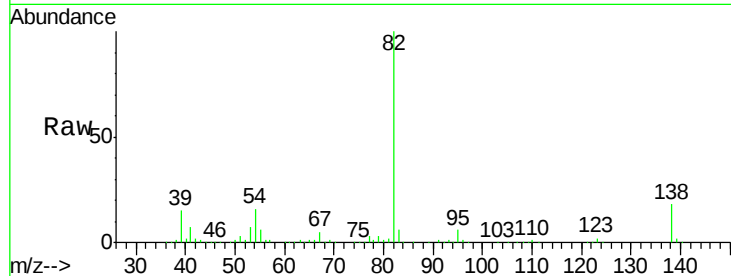
Tot Ion: 82 Resp: 740839

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 18.4 14.6 22.0



#26

2-Nitrophenol

Concen: 40.65 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

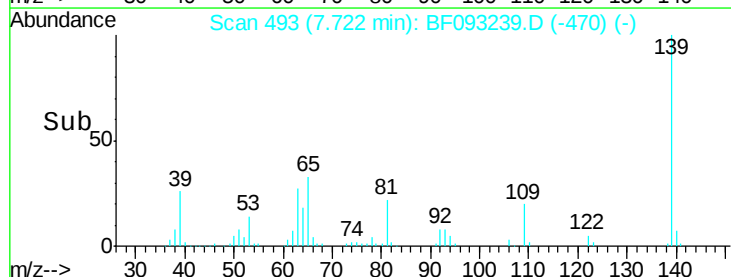
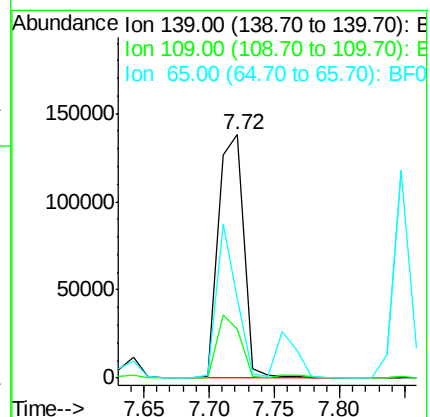
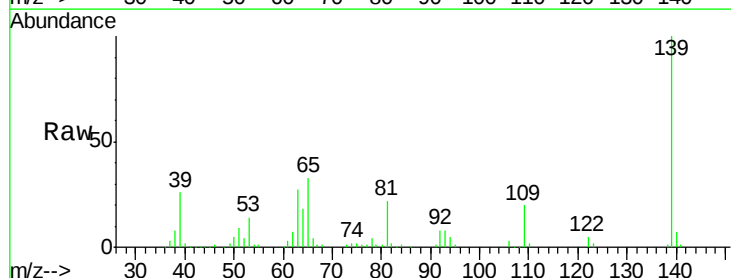
Tgt Ion: 139 Resp: 188091

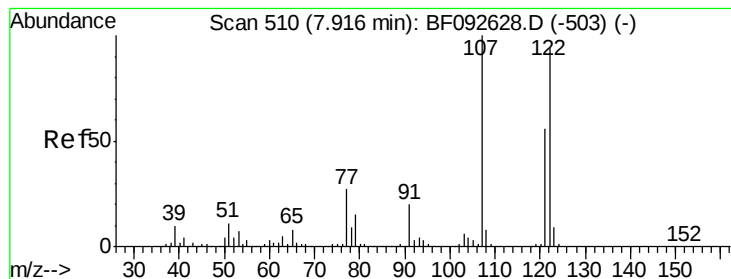
Ion Ratio Lower Upper

139 100

109 20.3 23.3 34.9#

65 33.0 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 37.37 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

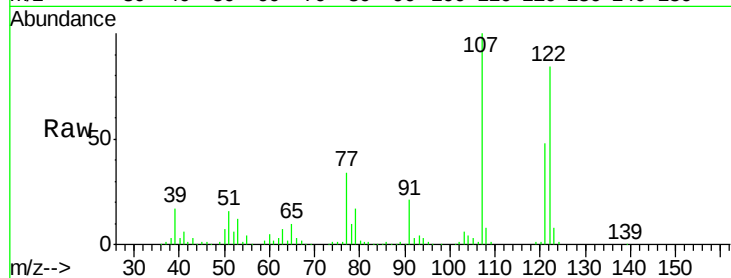
Tot Ion:122 Resp: 303690

Ion Ratio Lower Upper

122 100

107 118.7 94.1 141.1

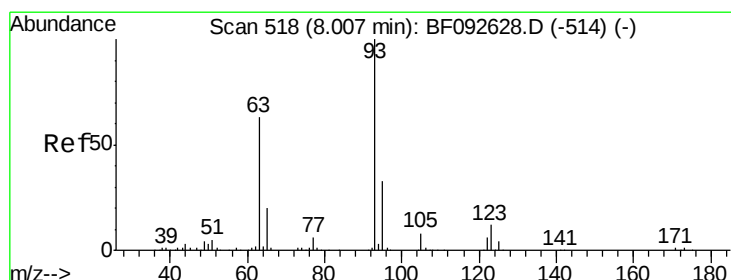
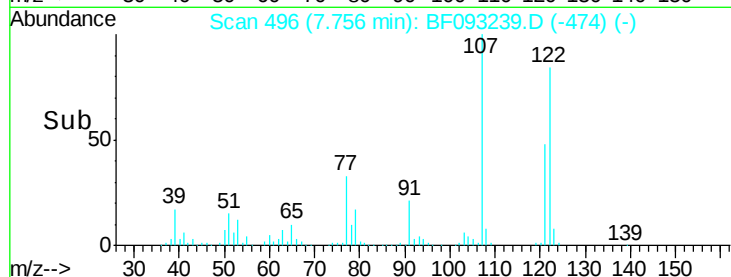
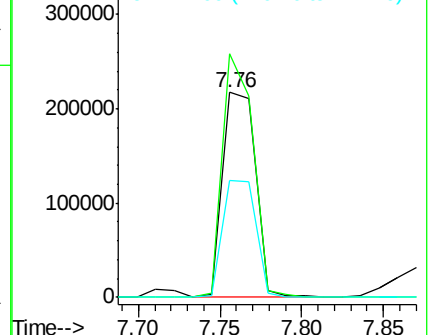
121 57.2 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.99 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

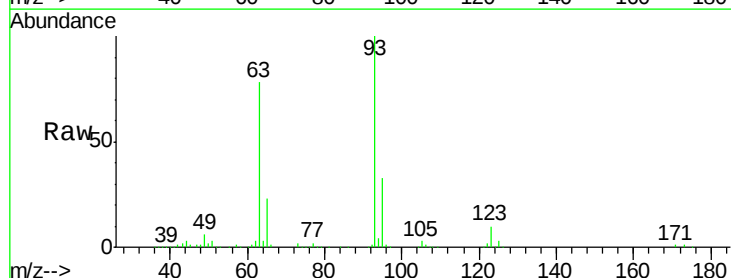
Tgt Ion: 93 Resp: 444477

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

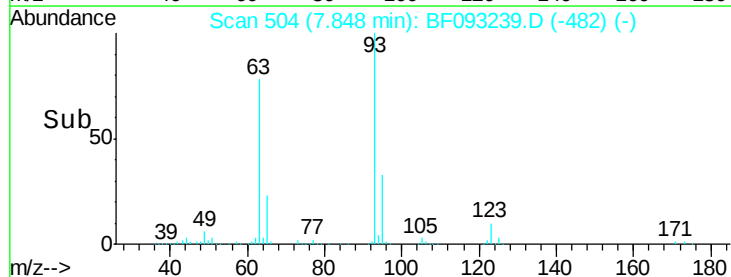
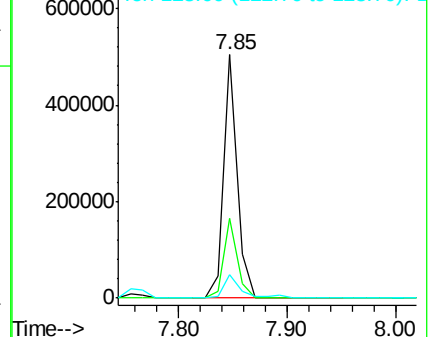
123 9.8 8.6 13.0

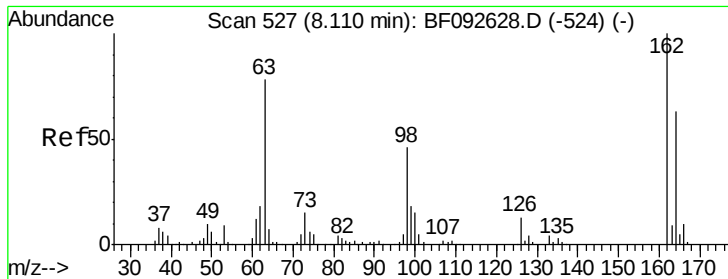


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

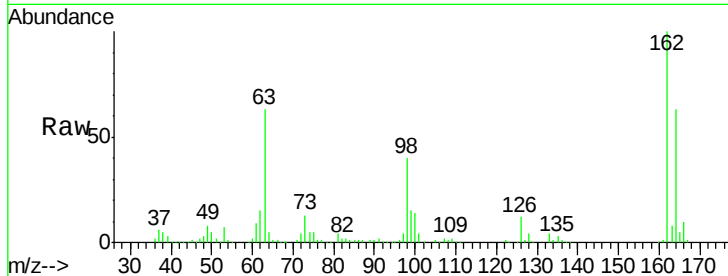




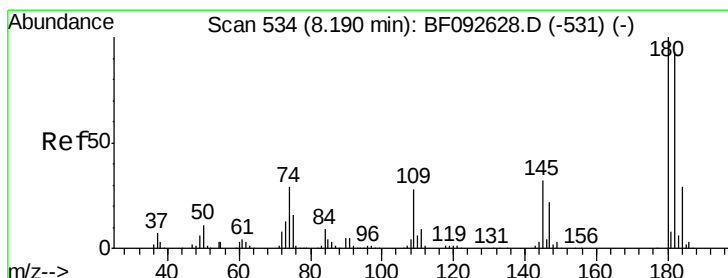
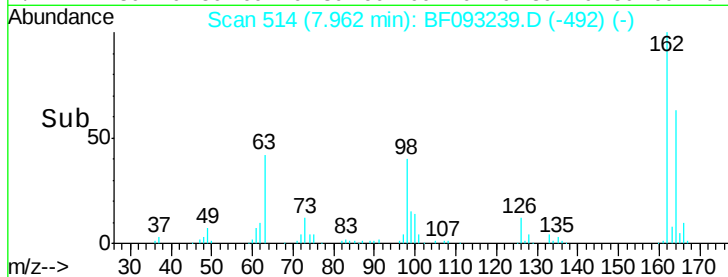
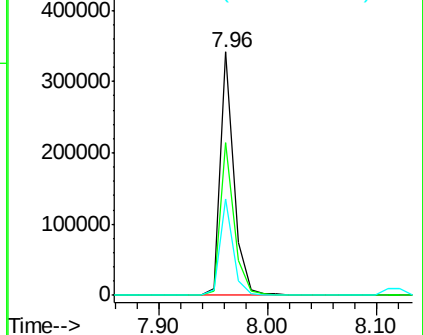
#29
 2,4-Dichlorophenol
 Concen: 39.95 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 302803
 Ion Ratio Lower Upper
 162 100
 164 62.8 46.8 86.8
 98 39.6 9.1 49.1

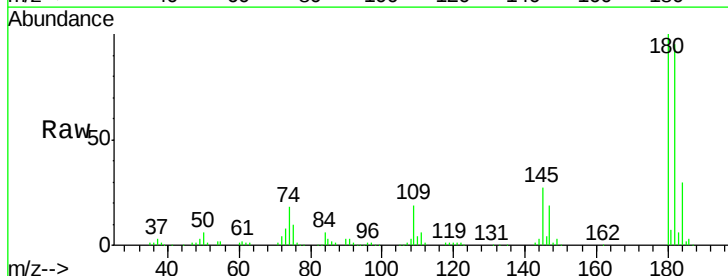


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

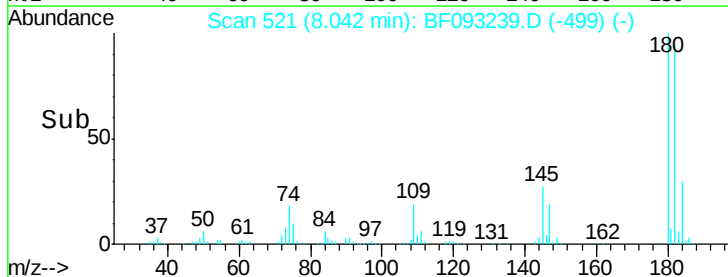
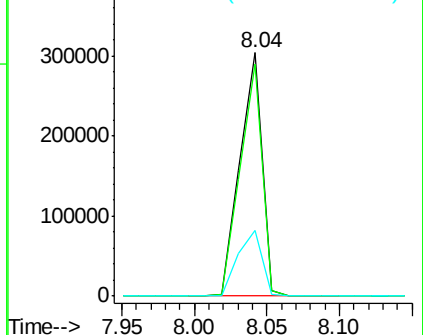


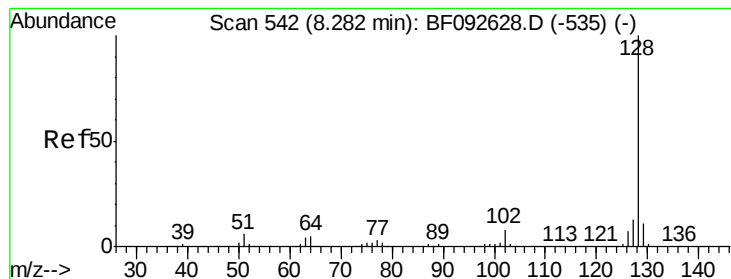
#30
 1,2,4-Trichlorobenzene
 Concen: 39.54 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion:180 Resp: 322953
 Ion Ratio Lower Upper
 180 100
 182 95.1 78.2 117.4
 145 27.2 21.6 32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.59 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampled :

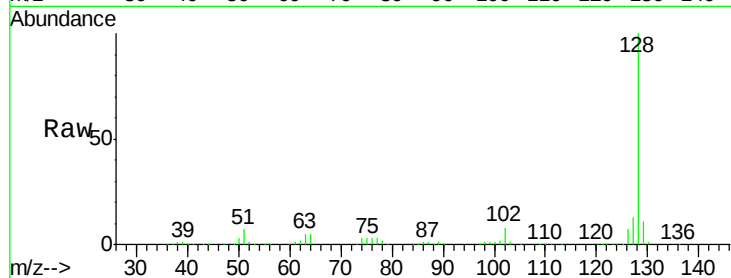
Tot Ion:128 Resp: 1032651

Ion Ratio Lower Upper

128 100

129 10.6 9.5 14.3

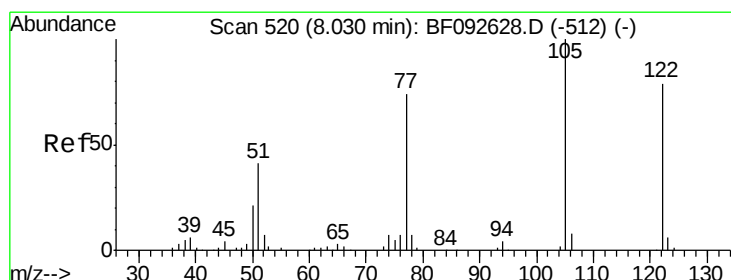
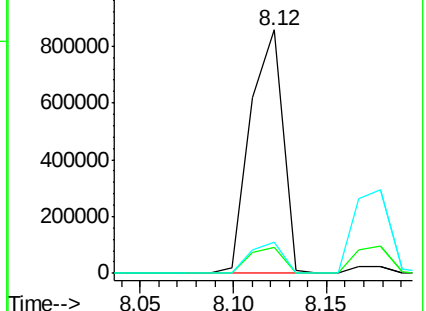
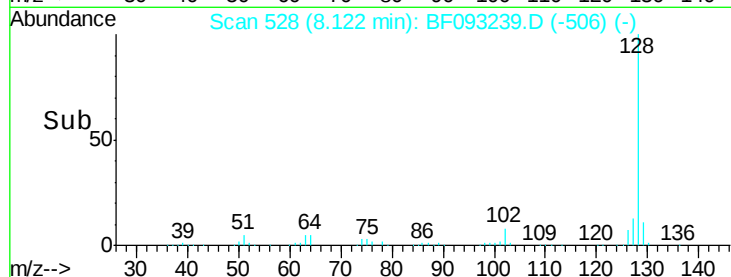
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.29 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

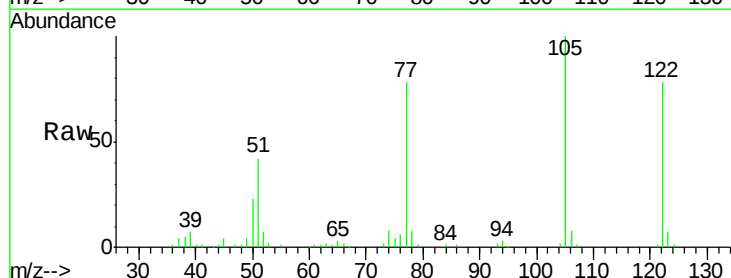
Tgt Ion:122 Resp: 141373

Ion Ratio Lower Upper

122 100

105 127.8 107.2 147.2

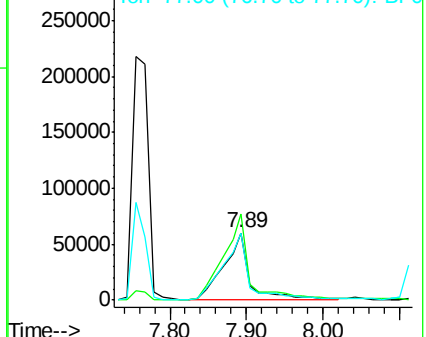
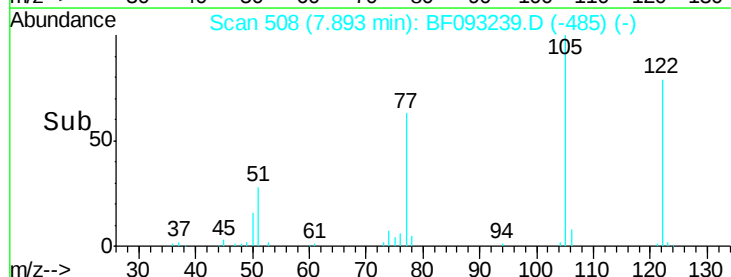
77 99.2 74.5 114.5

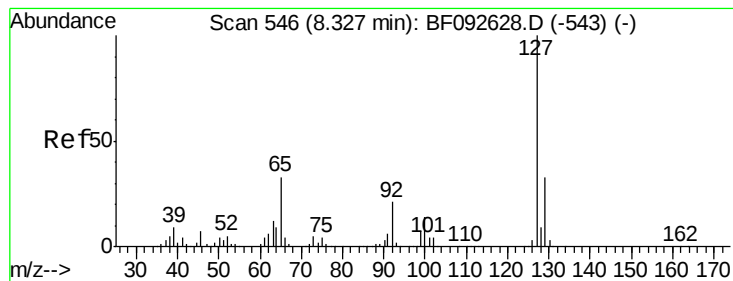


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.23 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF093239.D

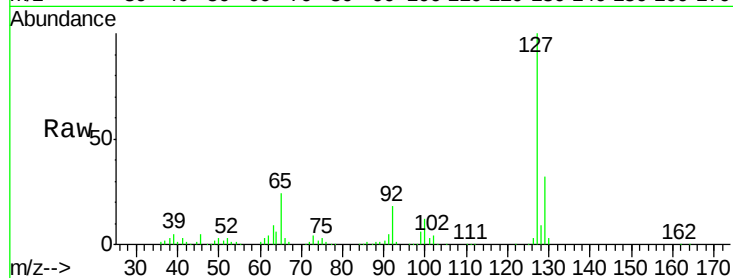
Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	401237
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	23.9	25.8	38.8#
92	17.8	16.1	24.1

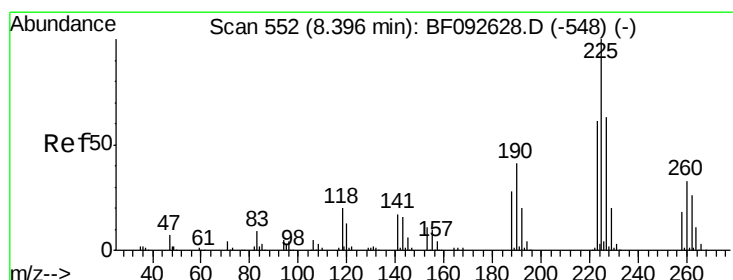
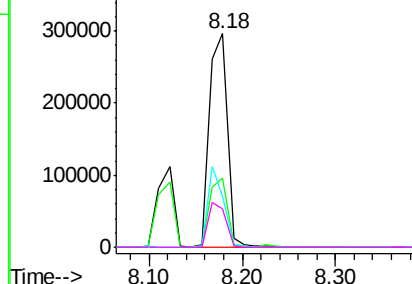
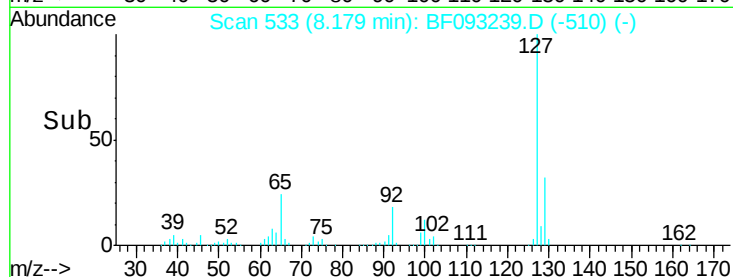


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.15 ng

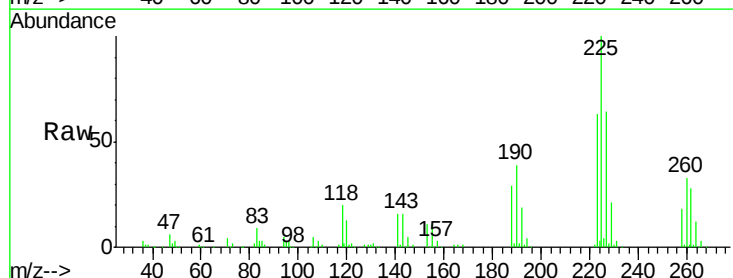
RT: 8.24 min Scan# 538

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

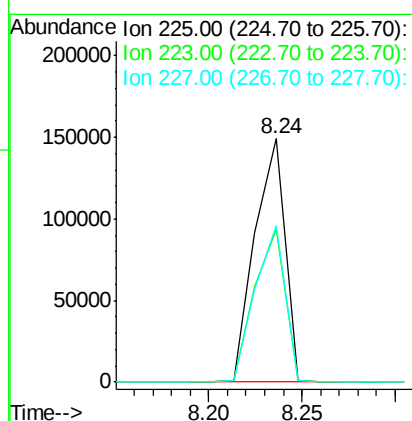
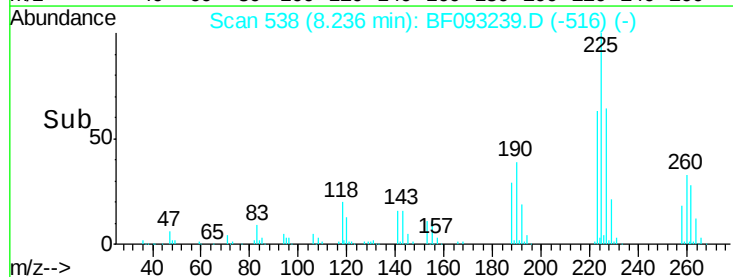
Tgt Ion:	225	Resp:	166933
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	64.5	50.6	76.0

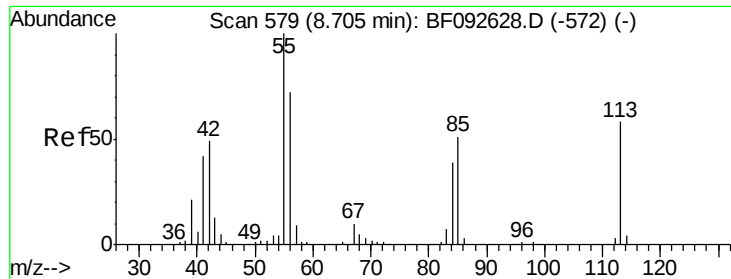


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.39 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

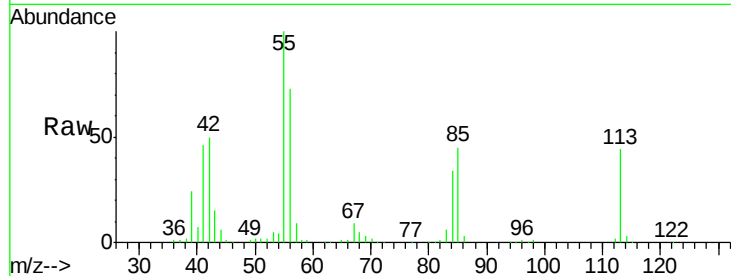
Tot Ion:113 Resp: 93905

Ion Ratio Lower Upper

113 100

55 227.4 119.2 159.2#

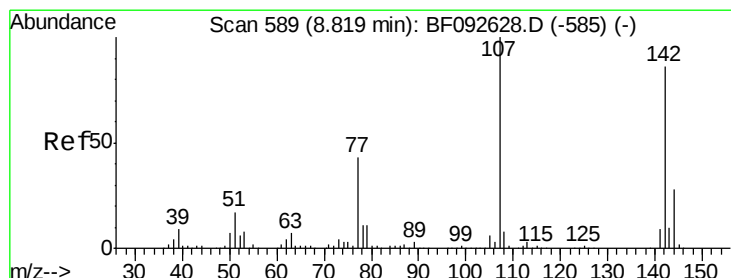
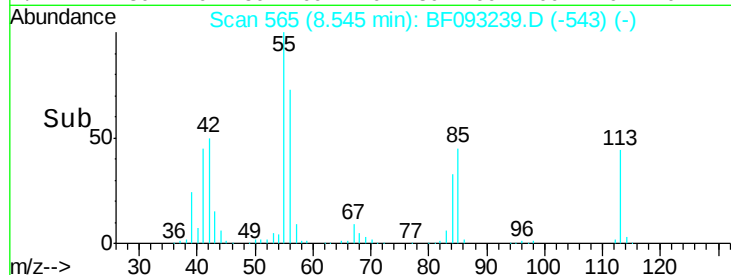
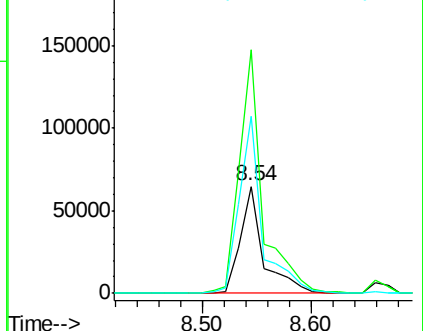
56 165.8 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.96 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

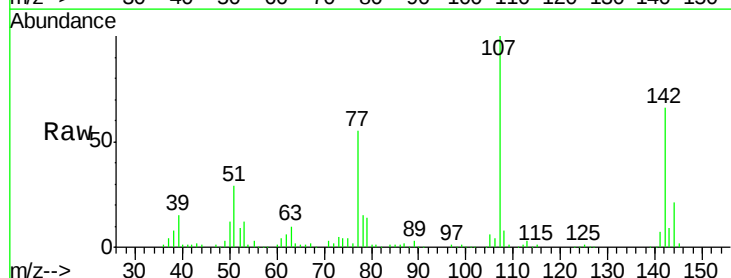
Tgt Ion:107 Resp: 299931

Ion Ratio Lower Upper

107 100

144 21.1 19.3 28.9

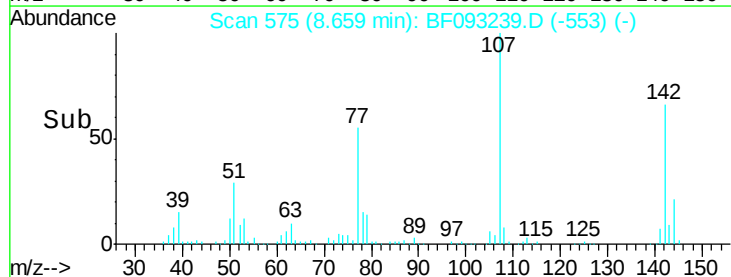
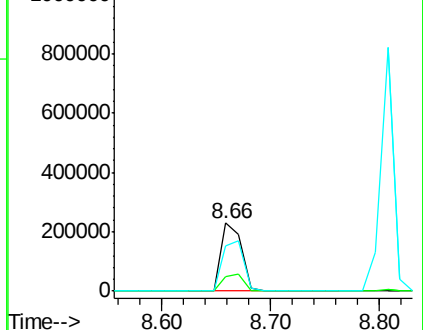
142 66.2 59.0 88.6

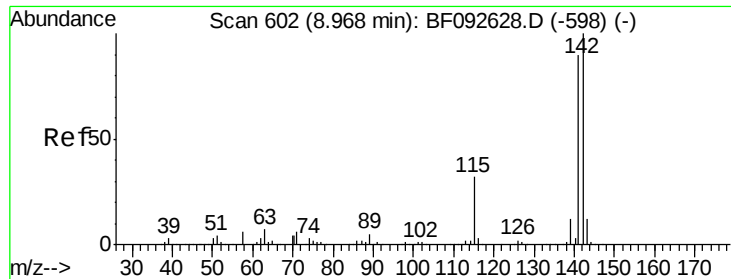


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

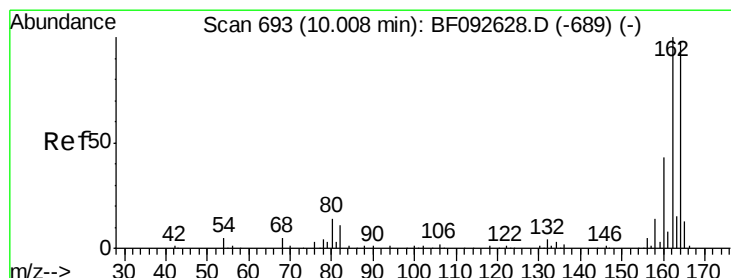
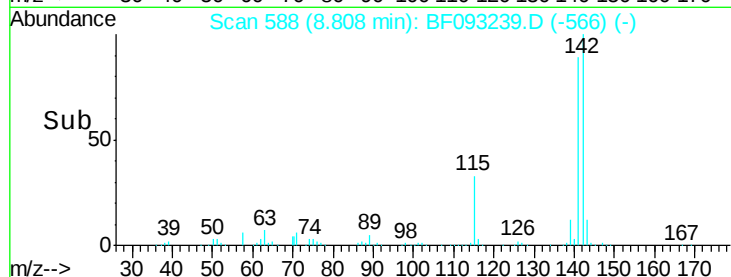
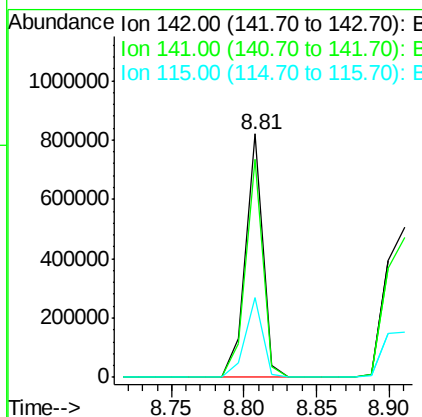
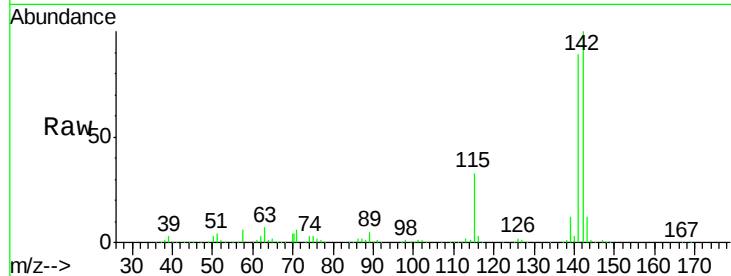




#37
2-Methylnaphthalene
Concen: 39.73 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

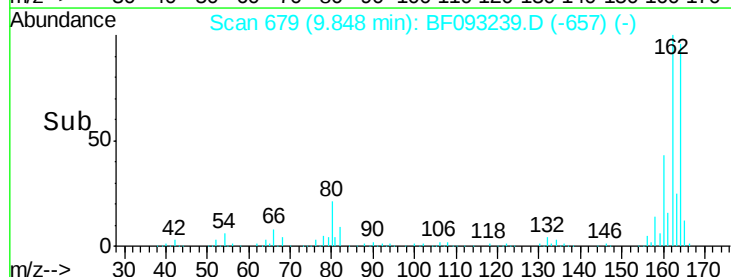
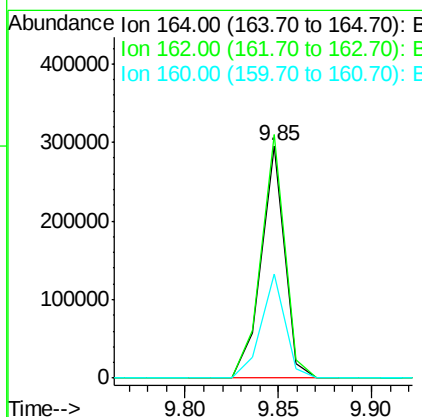
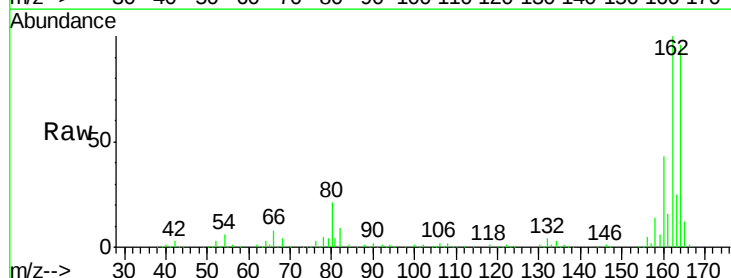
Instrument :
BNA_F
ClientSampleId :

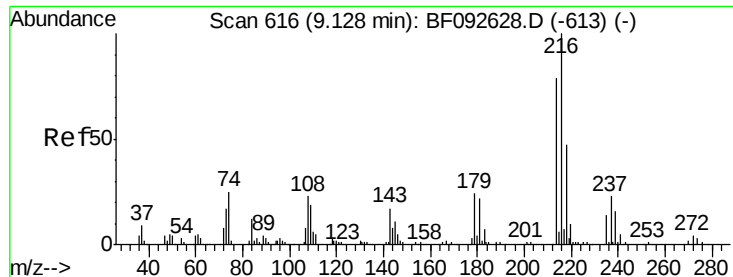
Tot Ion:142 Resp: 682608
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 32.5 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:164 Resp: 255790
Ion Ratio Lower Upper
164 100
162 104.7 80.2 120.2
160 44.5 36.9 55.3

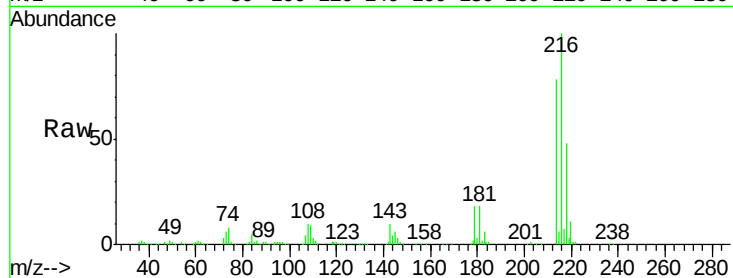




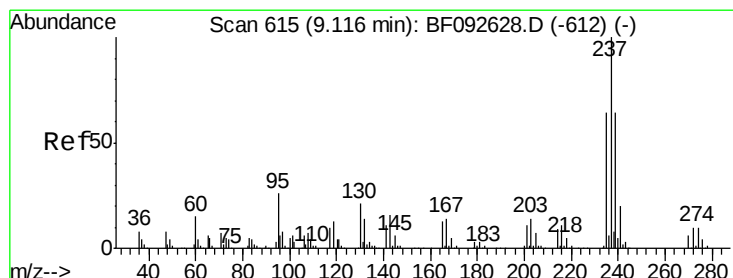
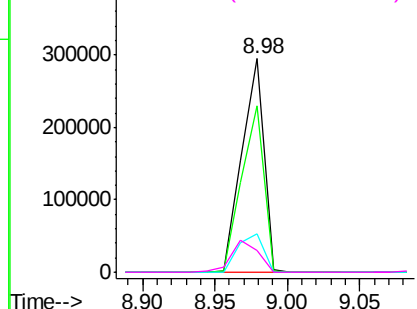
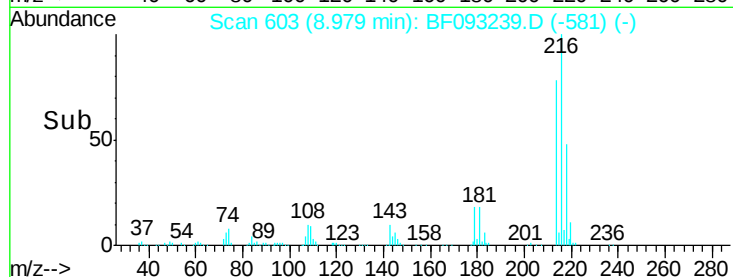
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.46 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	312031
Ion	Ratio	Lower Upper
216	100	
214	78.9	63.4 95.0
179	20.7	17.4 26.2
108	19.2	15.6 23.4

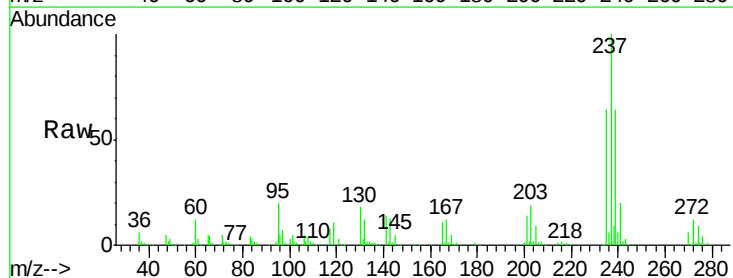


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

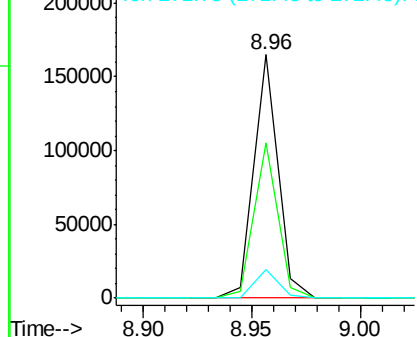
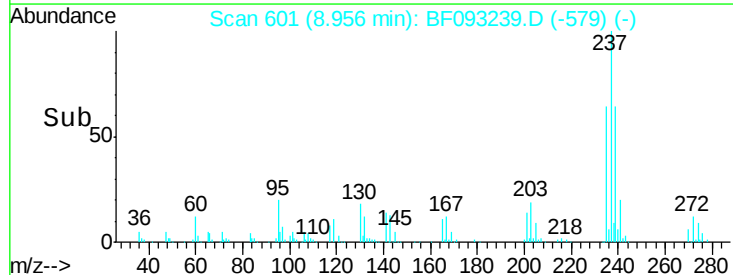


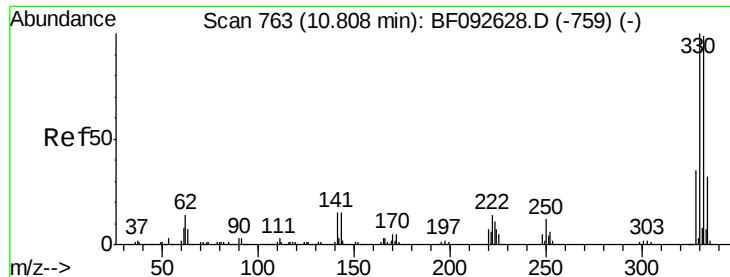
#40
 Hexachlorocyclopentadiene
 Concen: 39.27 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion:237	Resp:	127228
Ion	Ratio	Lower Upper
237	100	
235	63.9	41.2 81.2
272	11.5	0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

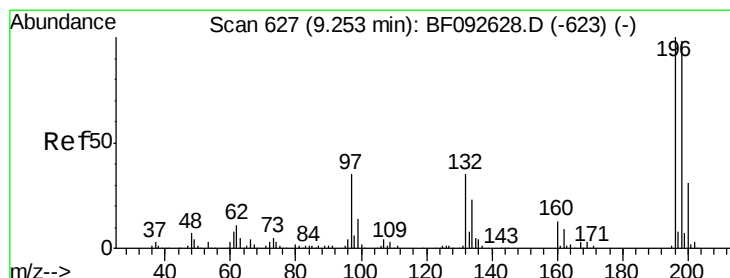
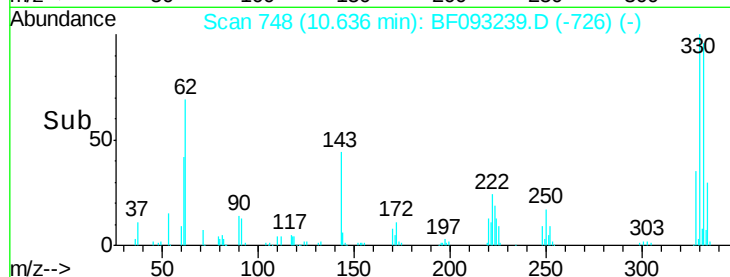
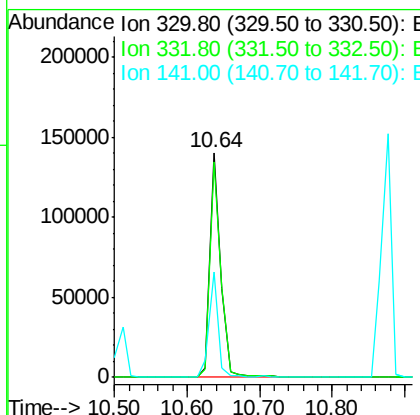
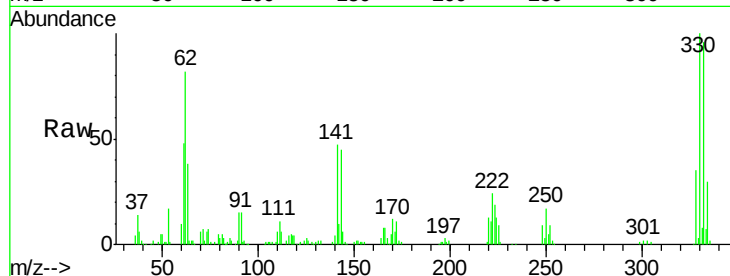




#41
 2,4,6-Tribromophenol
 Concen: 78.79 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

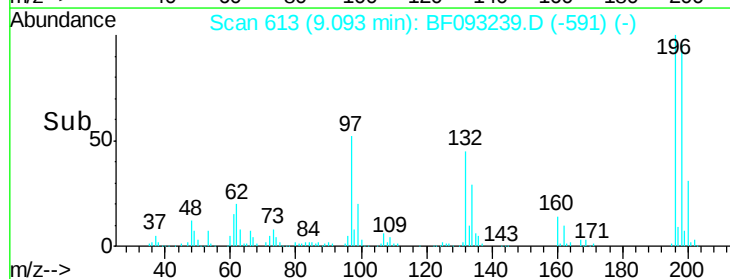
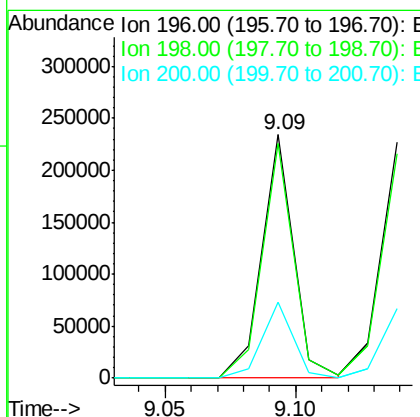
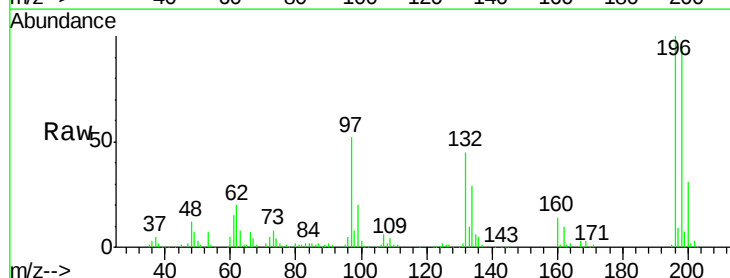
Instrument :
 BNA_F
 ClientSampleId :

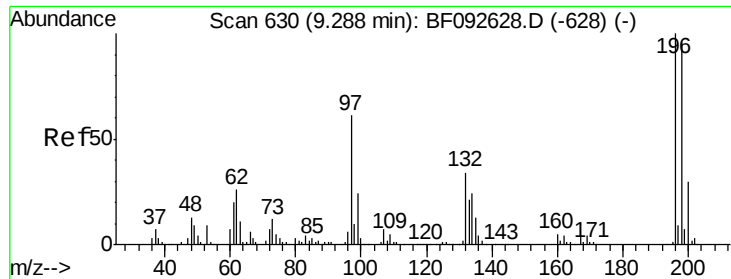
Tot Ion:330 Resp: 145755
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 39.8 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 41.58 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion:196 Resp: 196192
 Ion Ratio Lower Upper
 196 100
 198 96.1 82.1 123.1
 200 31.3 27.0 40.4

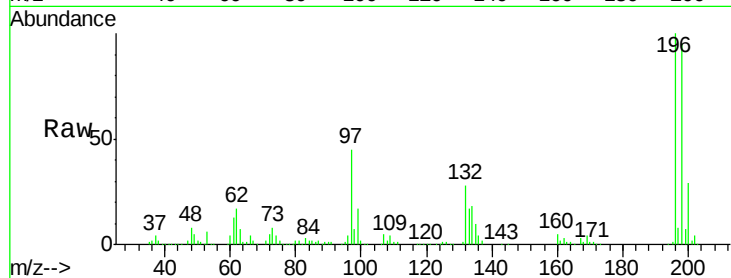




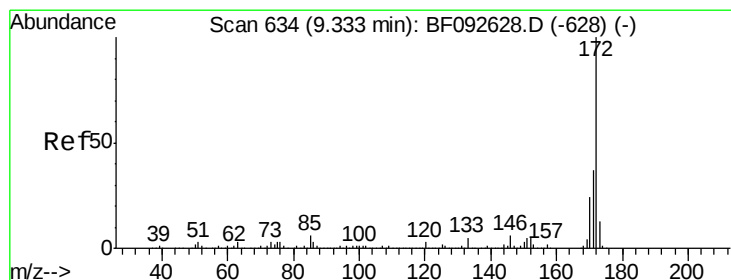
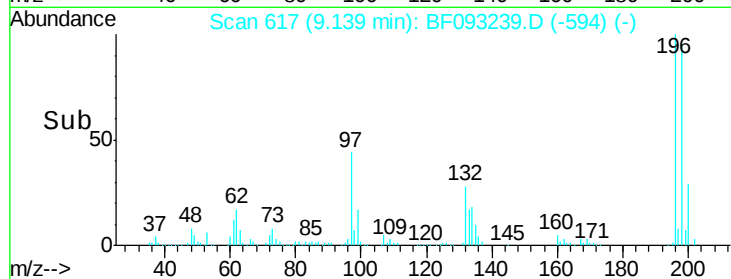
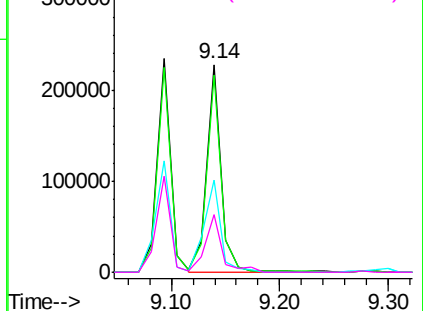
#43
 2,4,5-Trichlorophenol
 Concen: 40.80 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	79.4	119.2
97	44.6	51.5	77.3
132	28.0	27.4	41.2

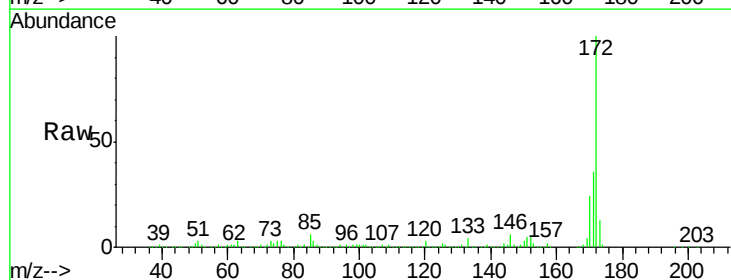


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

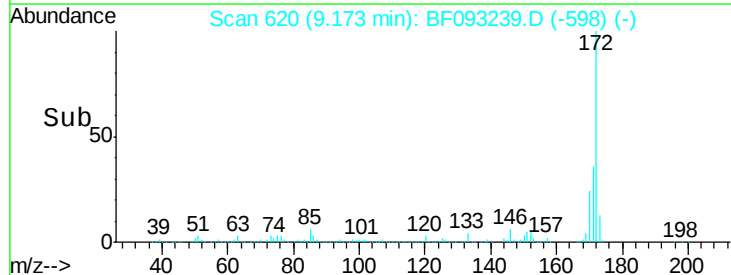
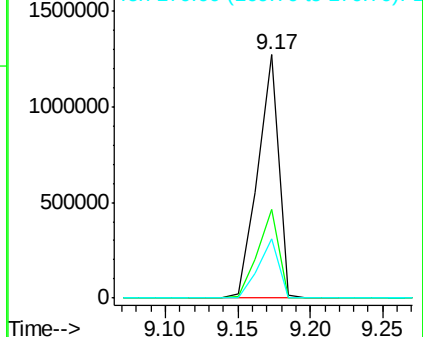


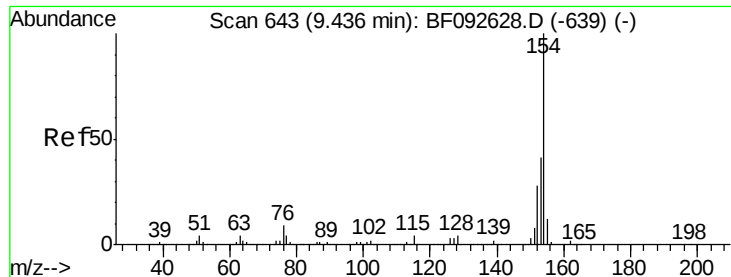
#44
 2-Fluorobiphenyl
 Concen: 90.39 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.1	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

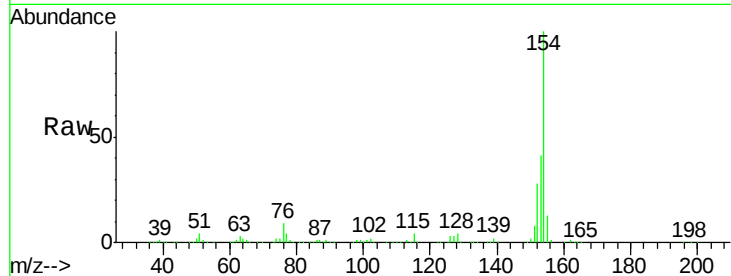




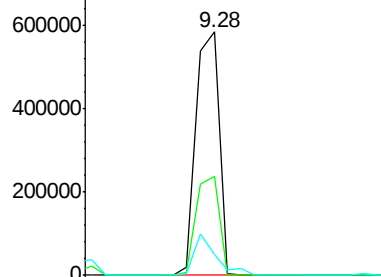
#45
 1,1'-Biphenyl
 Concen: 42.52 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

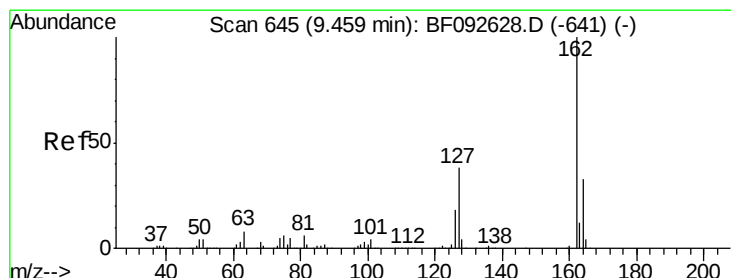
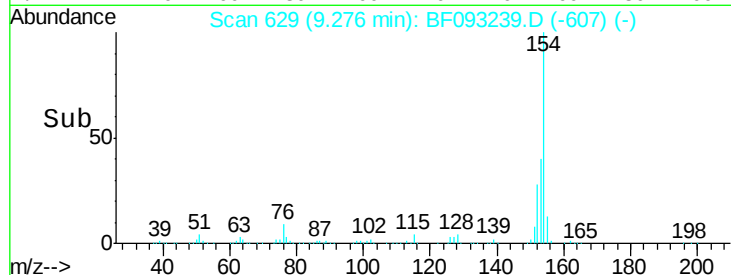
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	8.8	0.0	30.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

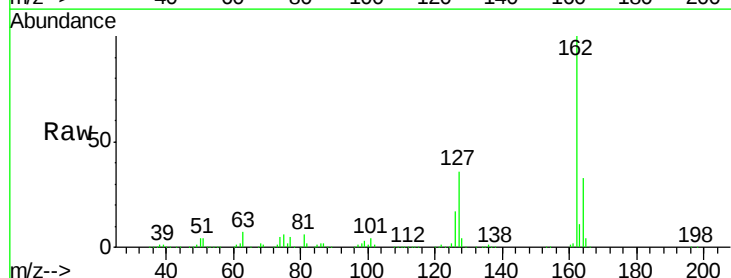


Time-->

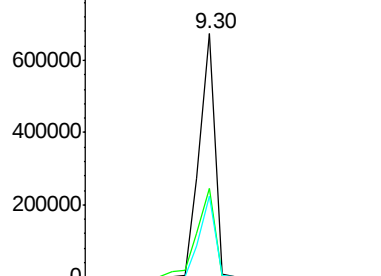


#46
 2-Chloronaphthalene
 Concen: 45.68 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

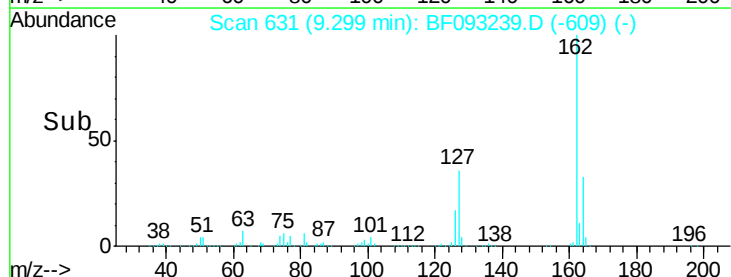
Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.7	46.1
164	33.3	27.6	41.4

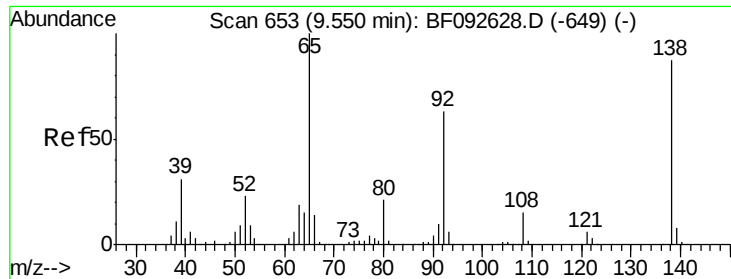


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->

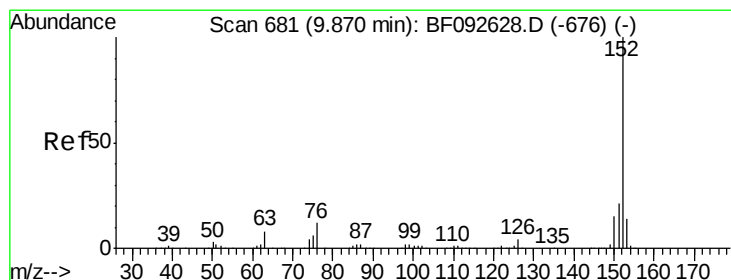
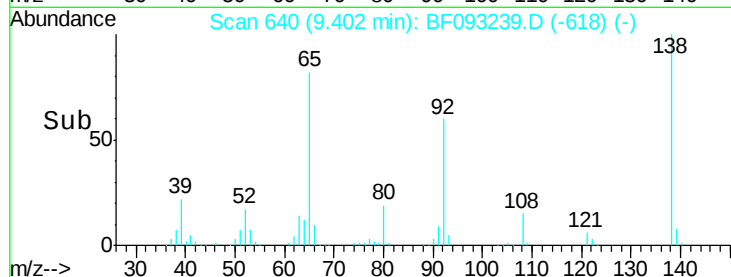
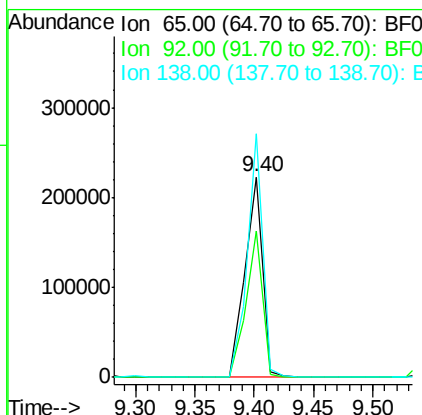
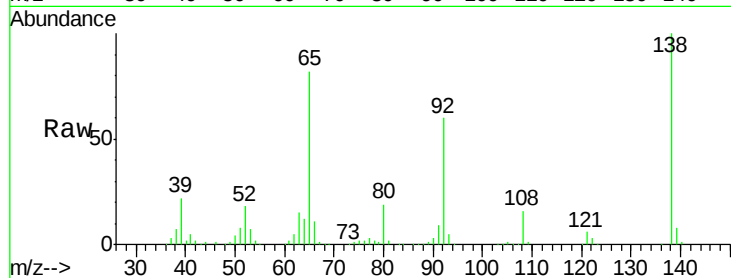




#47
2-Nitroaniline
Concen: 47.58 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

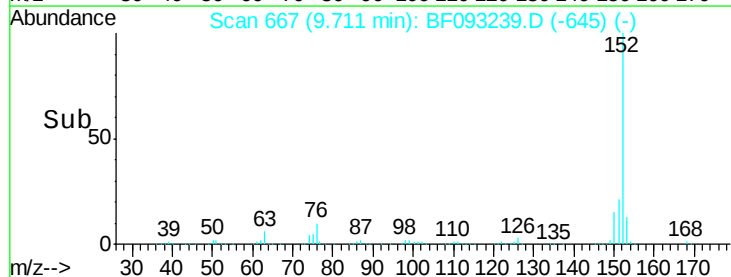
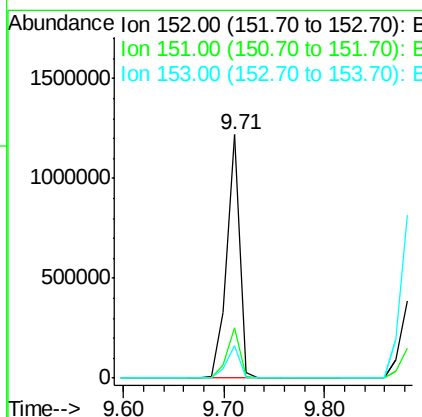
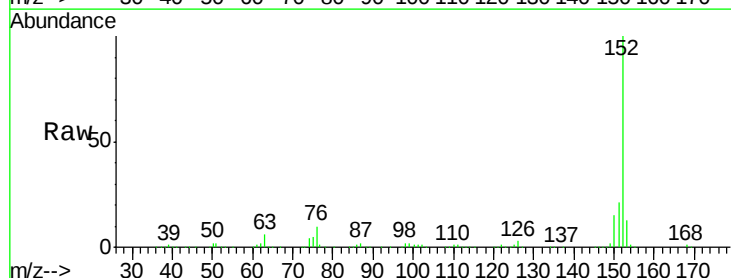
Instrument :
BNA_F
ClientSampleId :

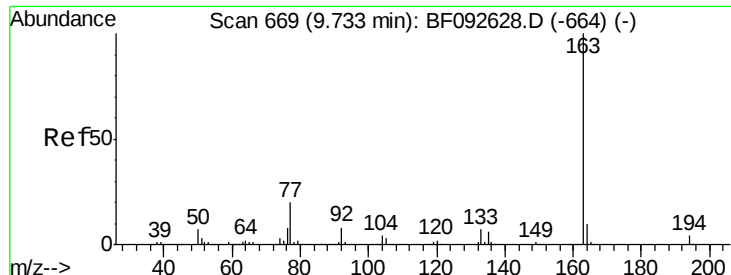
Tot Ion: 65 Resp: 231780
Ion Ratio Lower Upper
65 100
92 73.4 53.9 80.9
138 121.6 76.8 115.2#



#48
Acenaphthylene
Concen: 43.56 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:152 Resp: 1090425
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.2 11.4 17.2

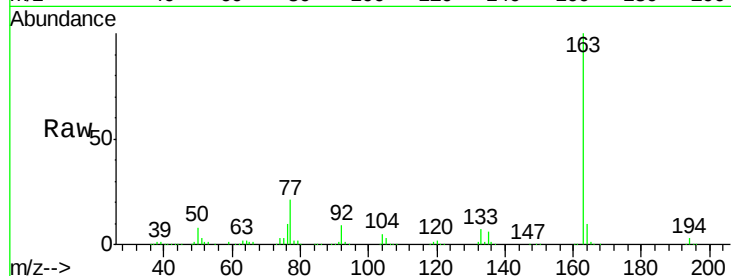




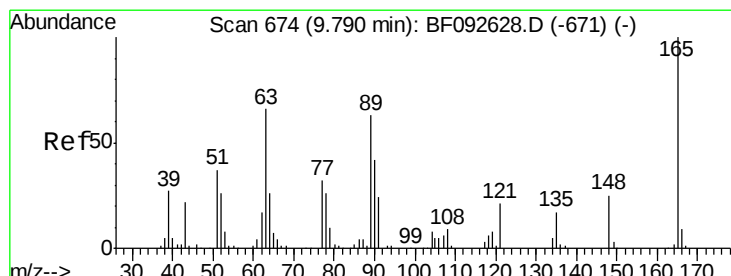
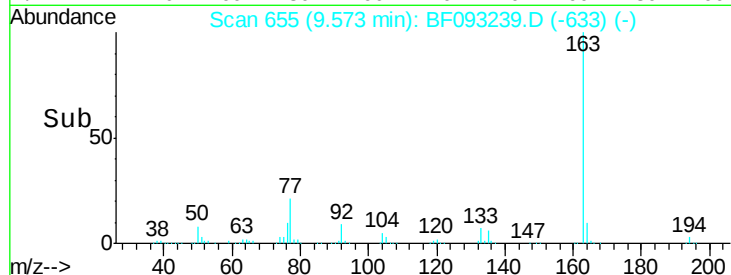
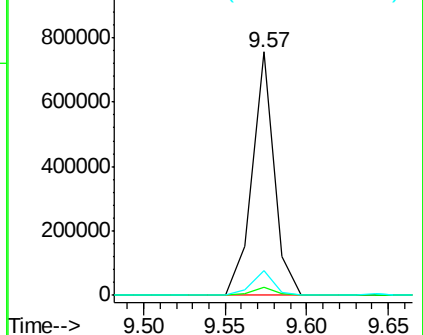
#49
Dimethylphthalate
Concen: 41.19 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 709590
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.4 8.0 12.0

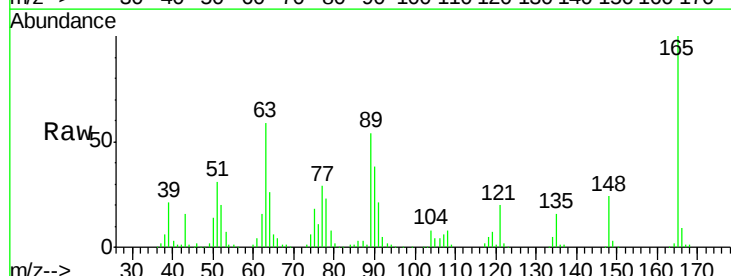


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

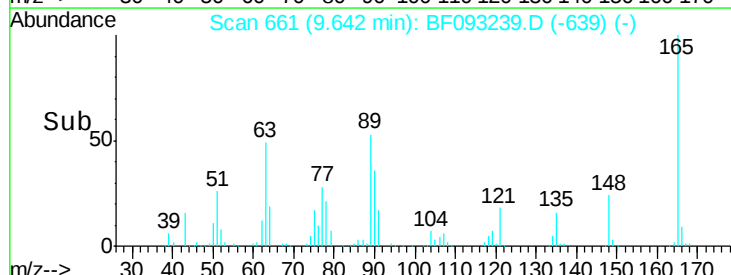
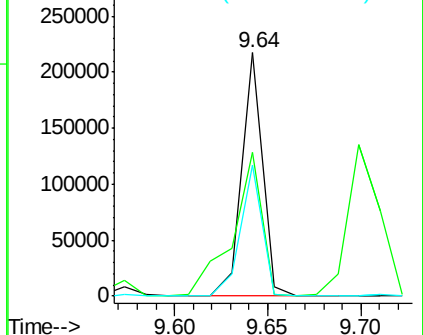


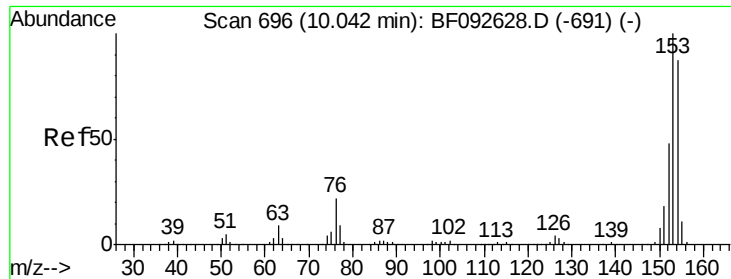
#50
2,6-Dinitrotoluene
Concen: 45.67 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:165 Resp: 169923
Ion Ratio Lower Upper
165 100
63 58.9 36.2 54.4#
89 53.7 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.42 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampled :

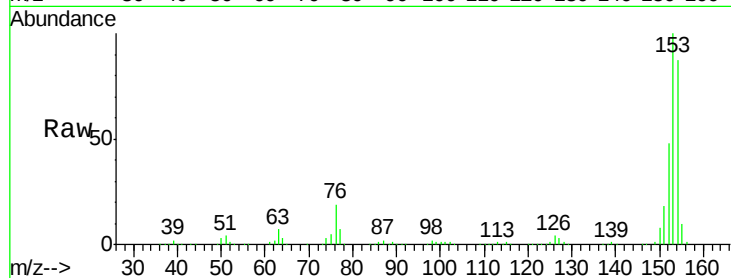
Tot Ion:154 Resp: 619880

Ion Ratio Lower Upper

154 100

153 114.8 88.6 133.0

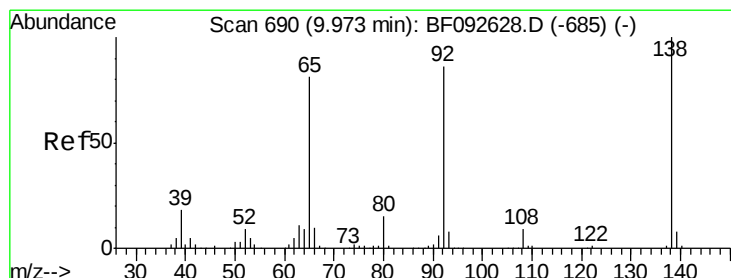
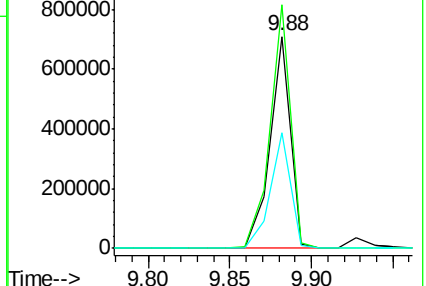
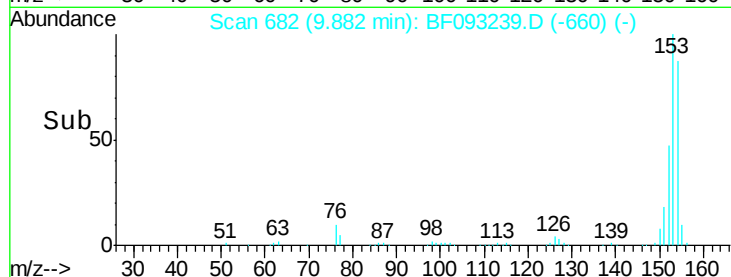
152 54.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.25 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

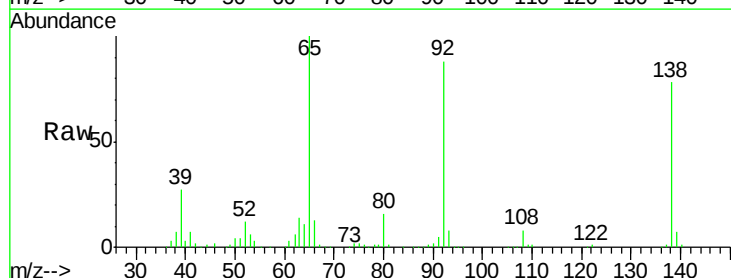
Tgt Ion:138 Resp: 205462

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

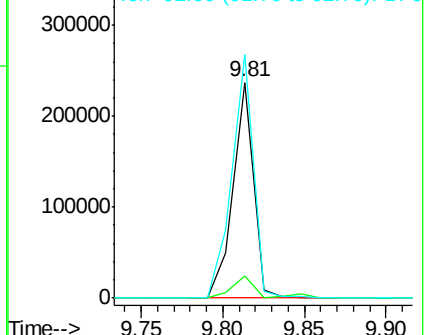
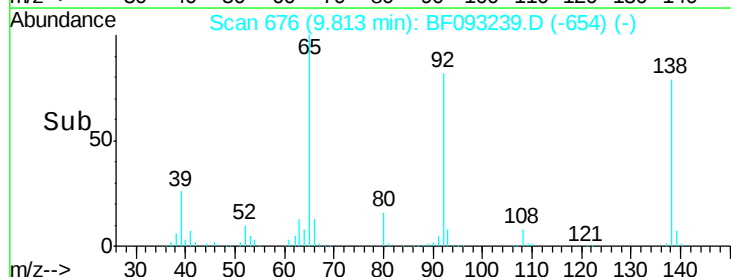
92 112.9 97.8 146.8

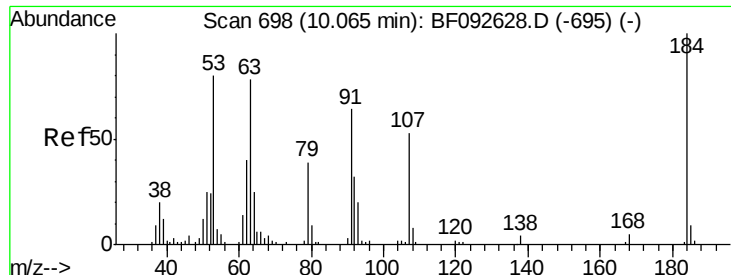


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

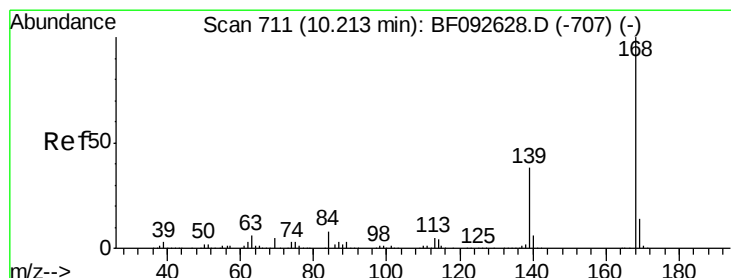
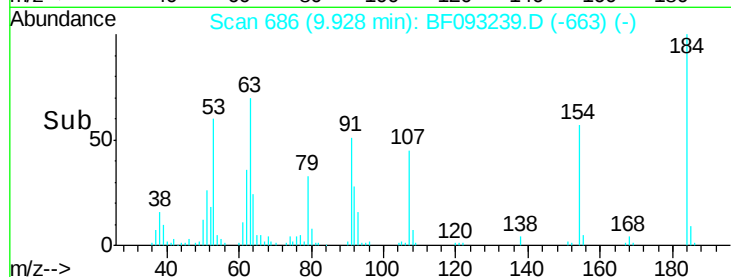
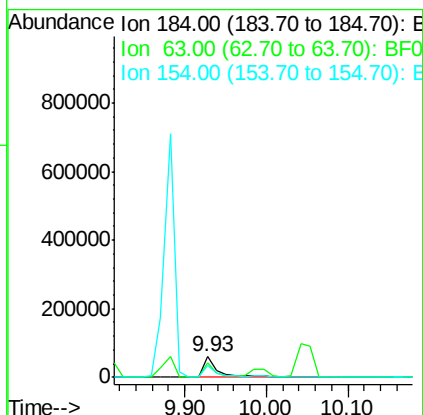
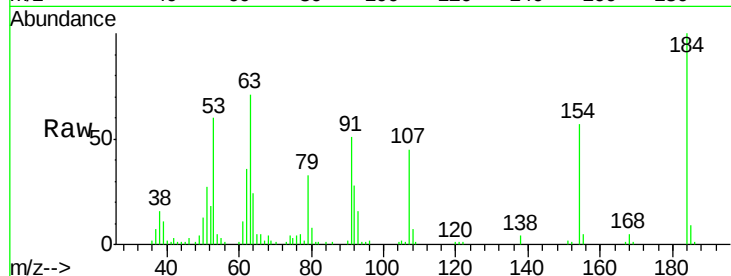




#53
 2,4-Dinitrophenol
 Concen: 45.05 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

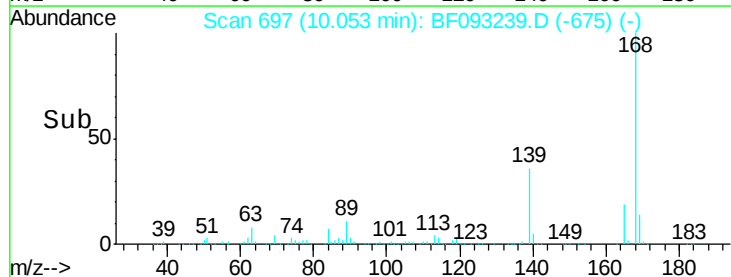
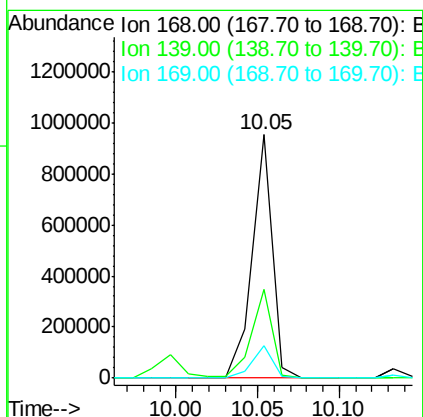
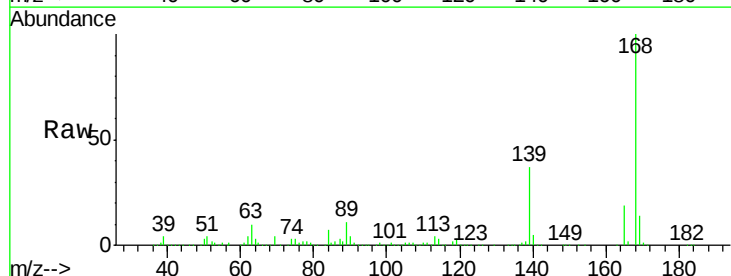
Instrument :
 BNA_F
 ClientSampled :

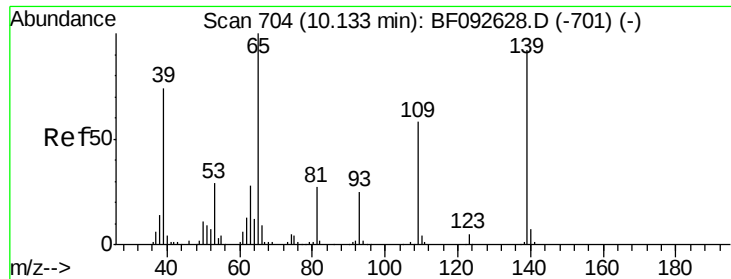
Tot Ion:184 Resp: 81117
 Ion Ratio Lower Upper
 184 100
 63 71.0 28.4 42.6#
 154 57.2 44.3 66.5



#54
 Dibenzofuran
 Concen: 40.90 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion:168 Resp: 818606
 Ion Ratio Lower Upper
 168 100
 139 36.5 32.6 49.0
 169 13.5 11.3 16.9

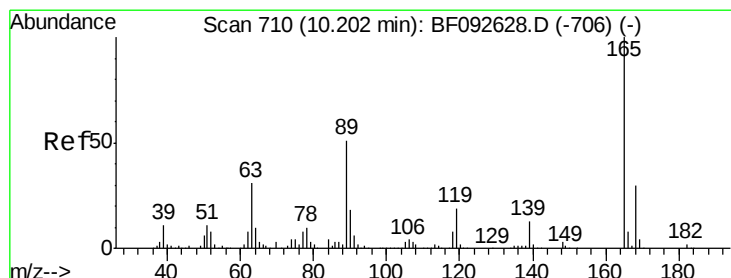
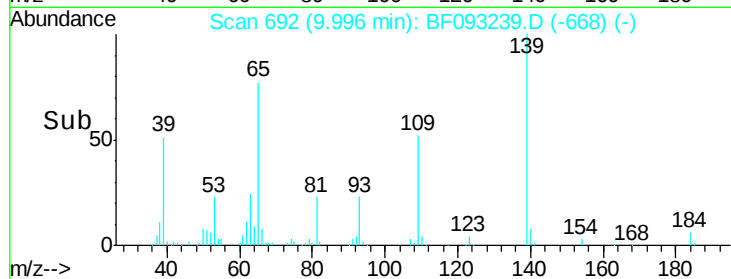
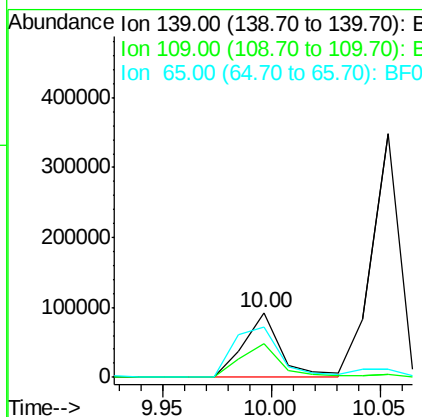
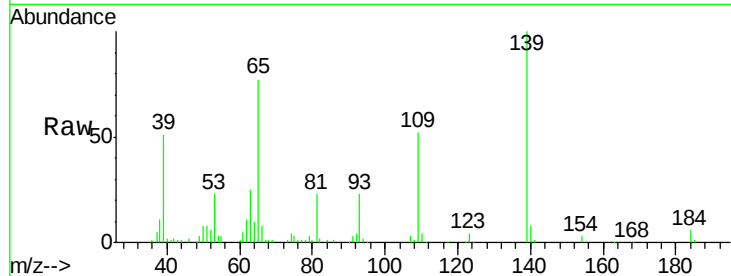




#55
4-Nitrophenol
Concen: 35.79 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

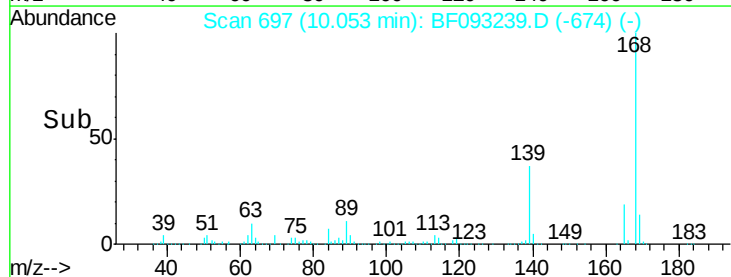
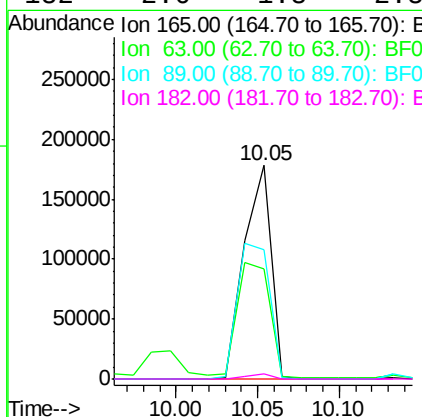
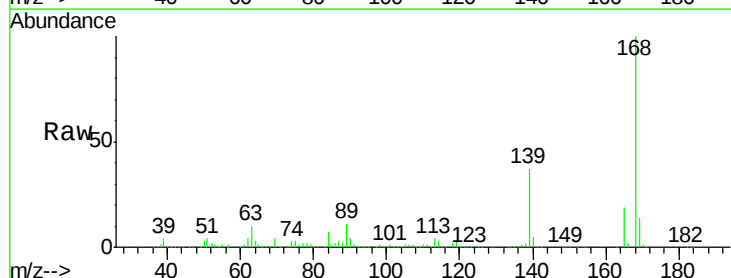
Instrument :
BNA_F
ClientSampled :

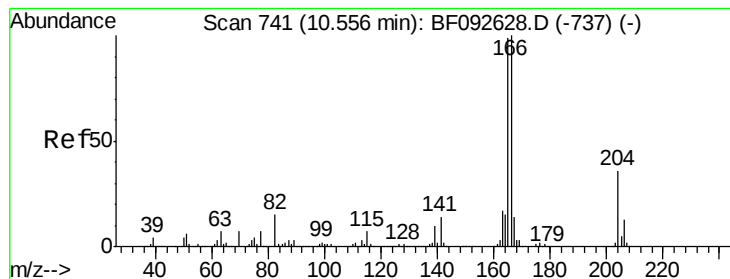
Tot Ion:139 Resp: 109770
Ion Ratio Lower Upper
139 100
109 51.5 52.2 92.2#
65 77.2 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 41.20 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:165 Resp: 204073
Ion Ratio Lower Upper
165 100
63 51.5 40.2 60.4
89 60.6 62.5 93.7#
182 2.6 1.8 2.8





#57

Fluorene

Concen: 47.50 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampled :

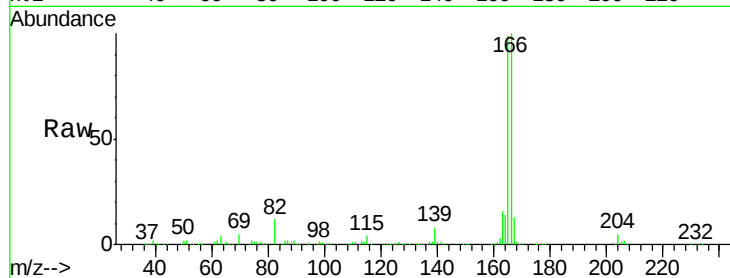
Tot Ion:166 Resp: 731523

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

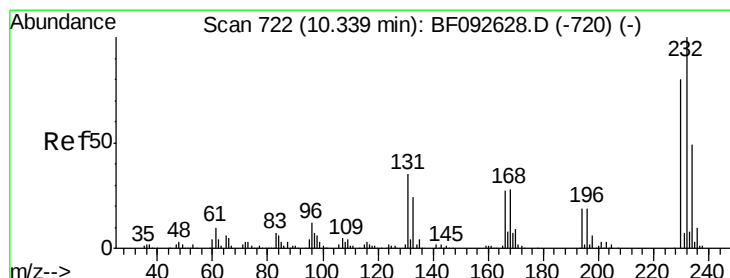
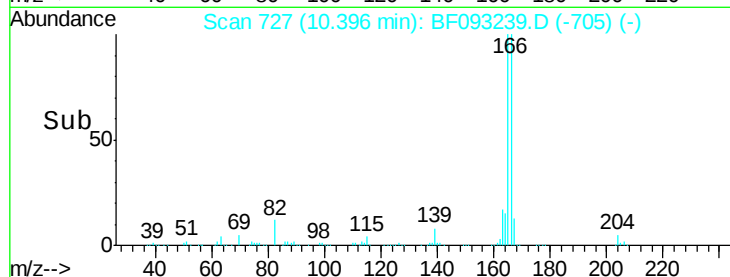
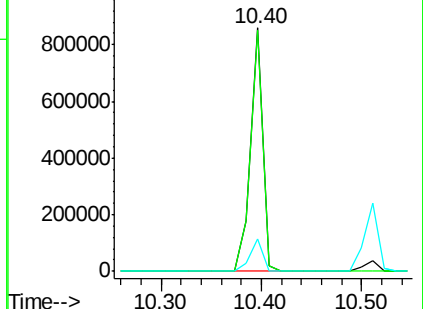
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.31 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion:232 Resp: 149368

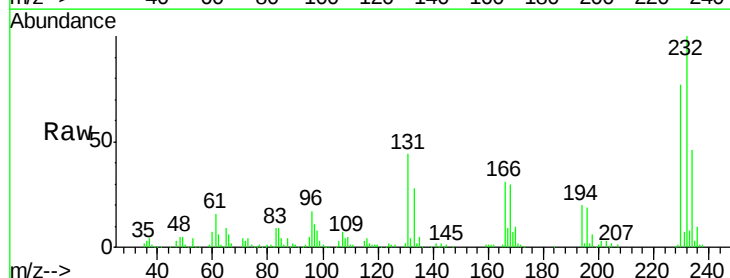
Ion Ratio Lower Upper

232 100

131 45.9 40.1 60.1

130 2.3 1.8 2.8

166 30.9 26.6 39.8

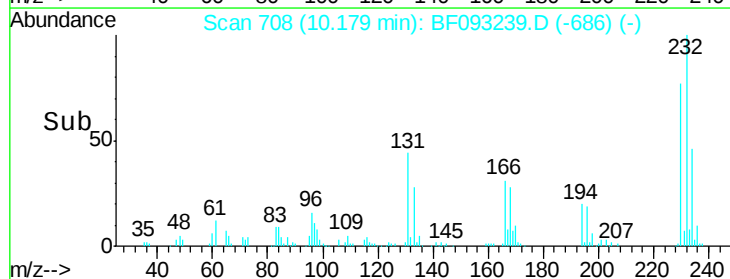
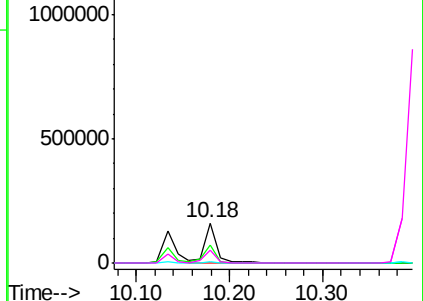


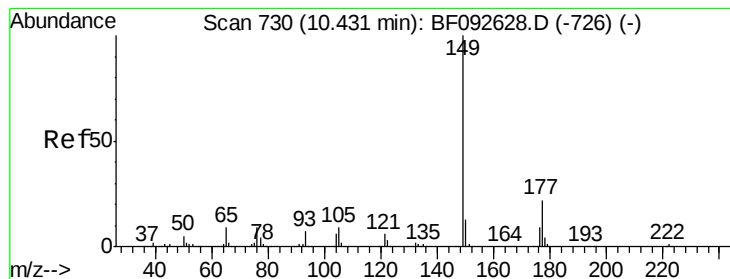
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.86 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

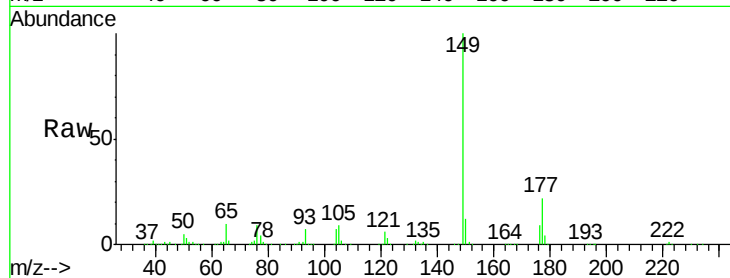
Tot Ion:149 Resp: 712226

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

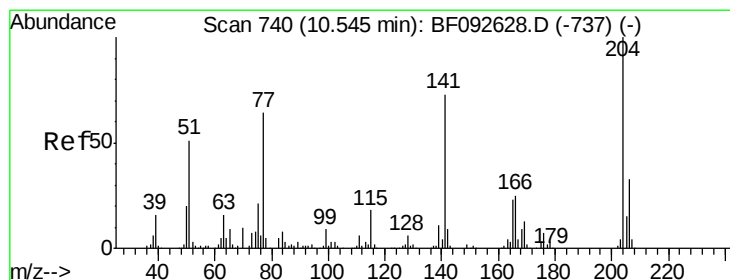
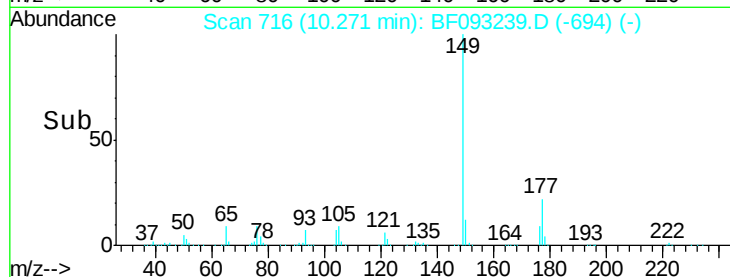
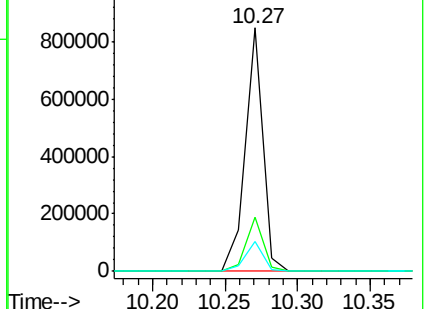
150 12.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.65 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

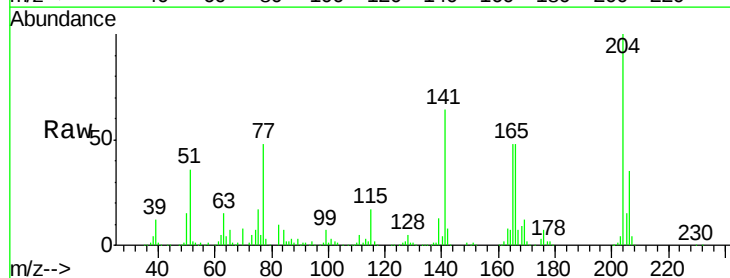
Tgt Ion:204 Resp: 300711

Ion Ratio Lower Upper

204 100

206 35.0 25.8 38.6

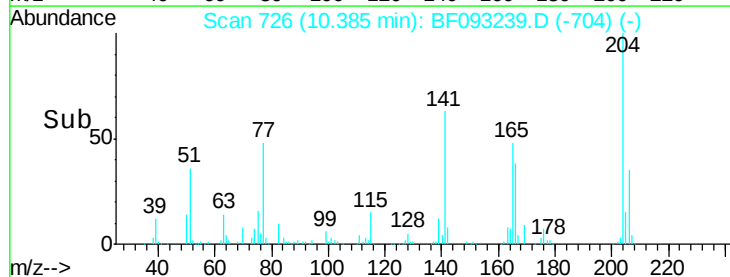
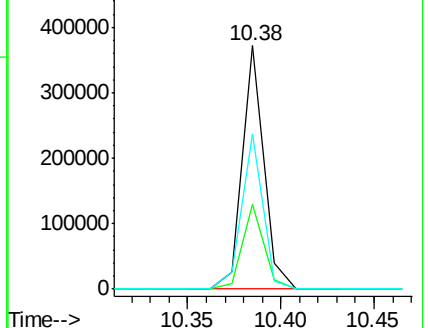
141 63.8 59.4 89.0

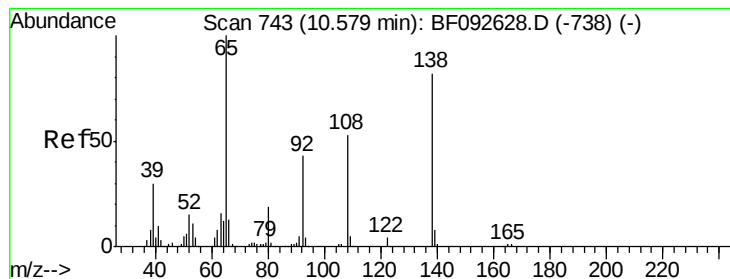


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.35 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

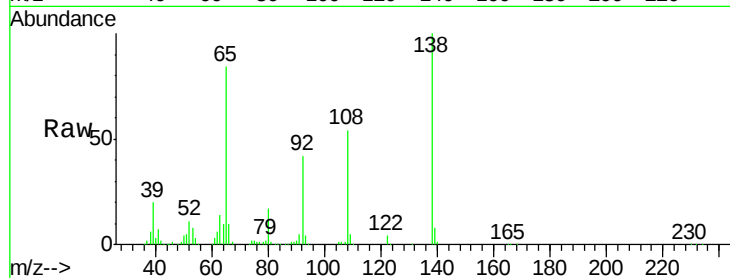
Tot Ion:138 Resp: 210857

Ion Ratio Lower Upper

138 100

92 41.7 31.7 71.7

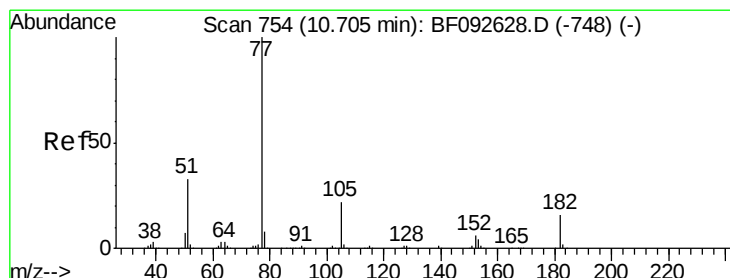
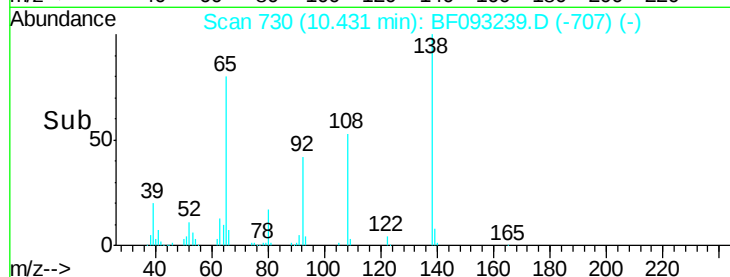
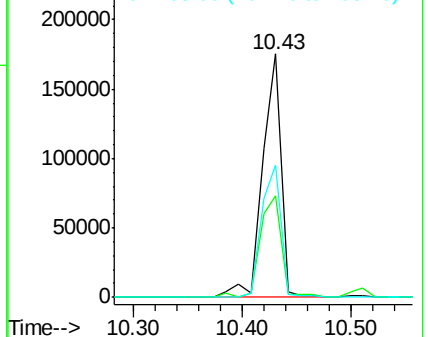
108 54.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.08 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Tgt Ion: 77 Resp: 756213

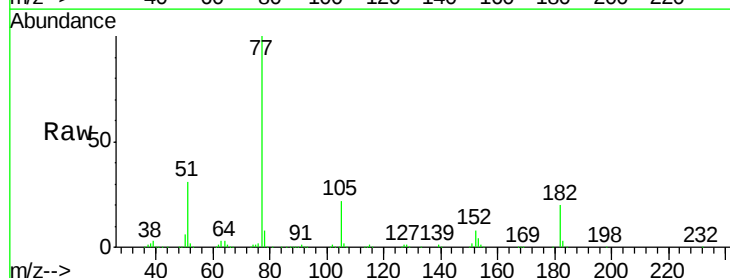
Ion Ratio Lower Upper

77 100

182 19.9 0.0 39.3

105 22.3 2.3 42.3

51 31.4 8.9 48.9

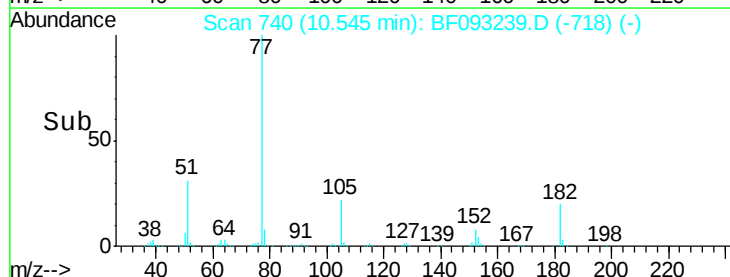
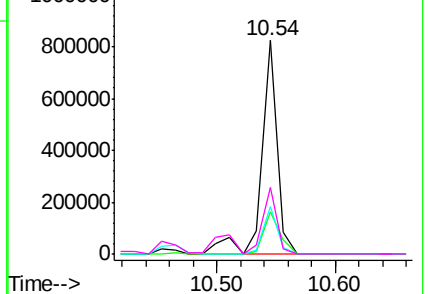


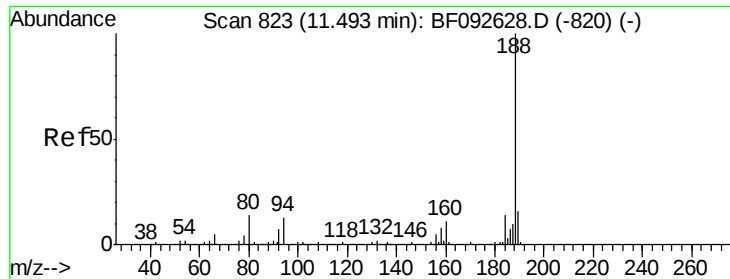
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

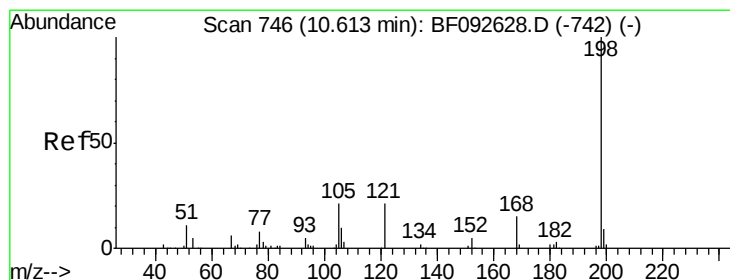
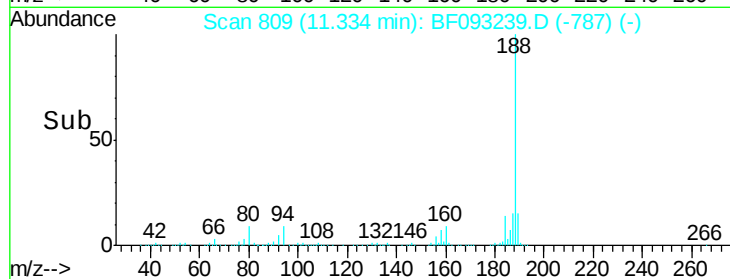
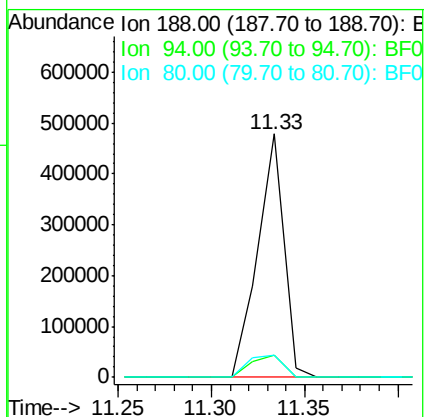
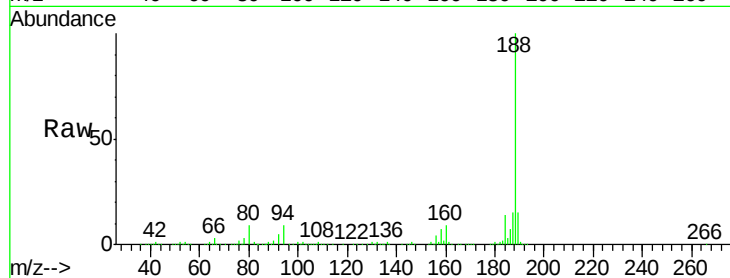




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

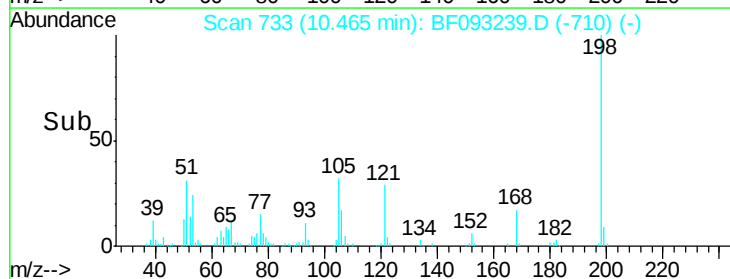
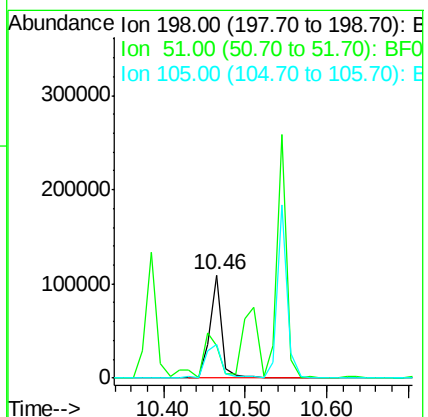
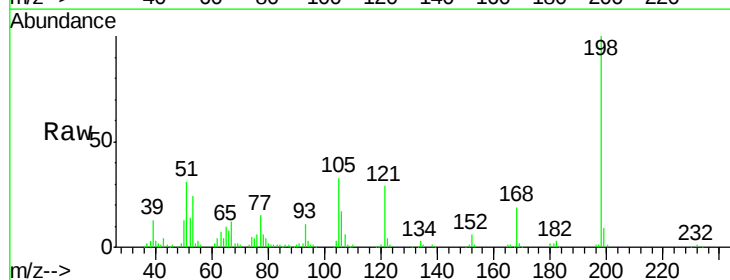
Instrument :
BNA_F
ClientSampleId :

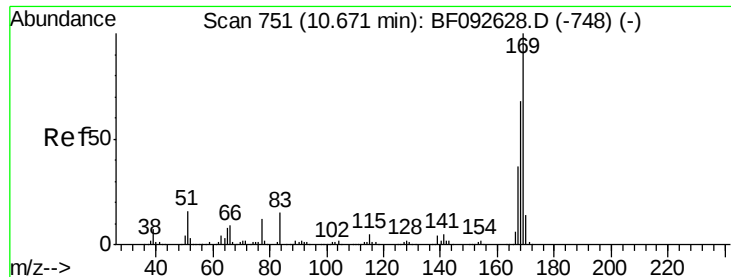
Tot Ion:188 Resp: 467102
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.3 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.76 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:198 Resp: 114671
Ion Ratio Lower Upper
198 100
51 31.4 6.7 46.7
105 32.5 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 41.10 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

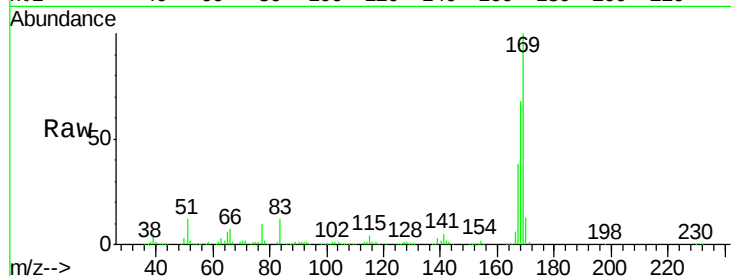
Tot Ion:169 Resp: 613312

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

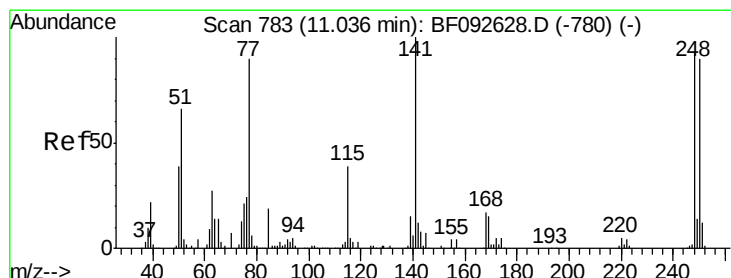
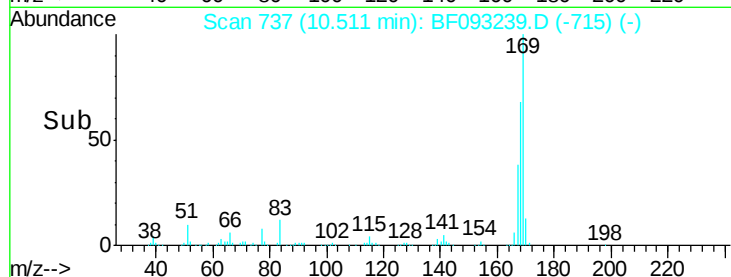
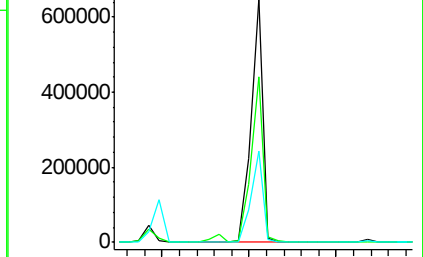
167 37.5 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.23 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

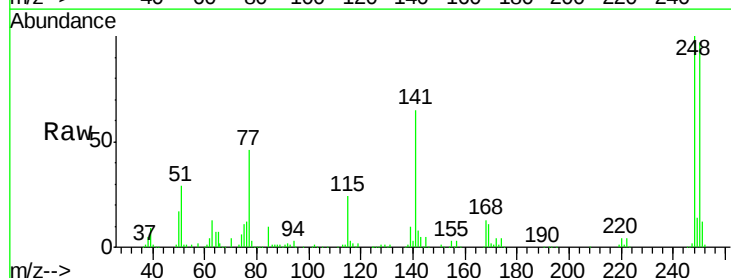
Tgt Ion:248 Resp: 191460

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

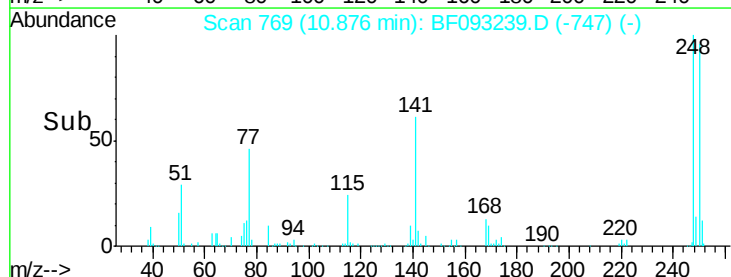
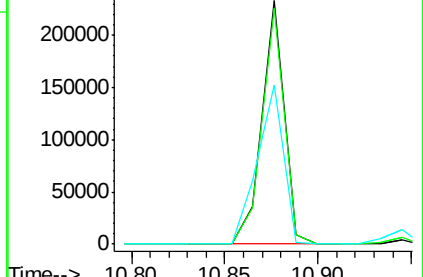
141 65.3 68.2 102.4#

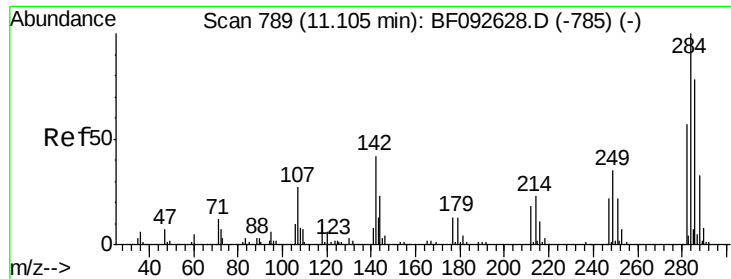


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

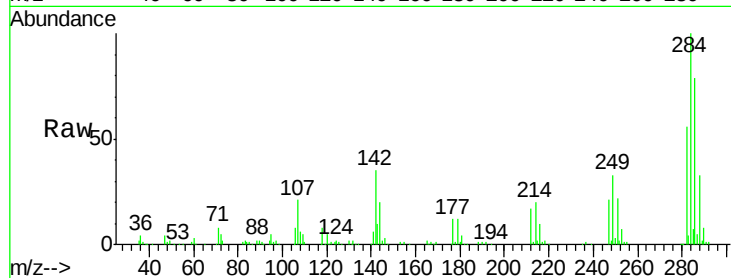




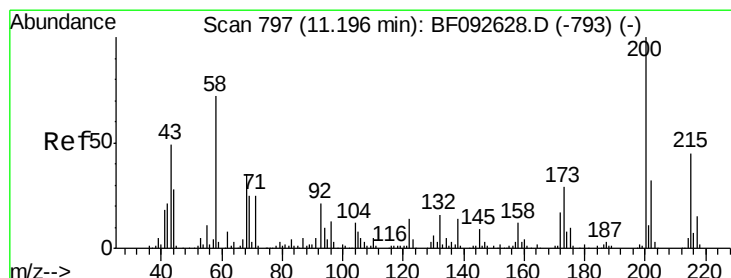
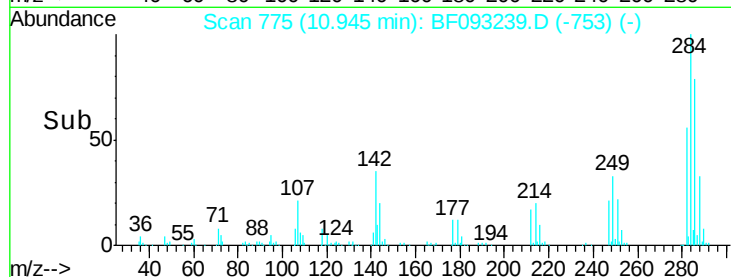
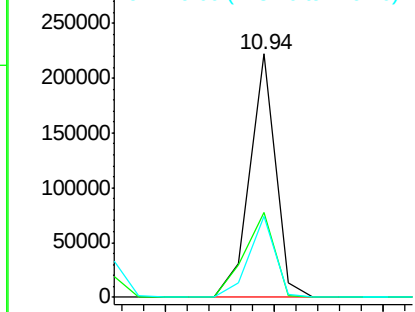
#67
Hexachlorobenzene
Concen: 37.86 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 182570
Ion Ratio Lower Upper
284 100
142 34.9 22.6 33.8#
249 33.1 25.4 38.0

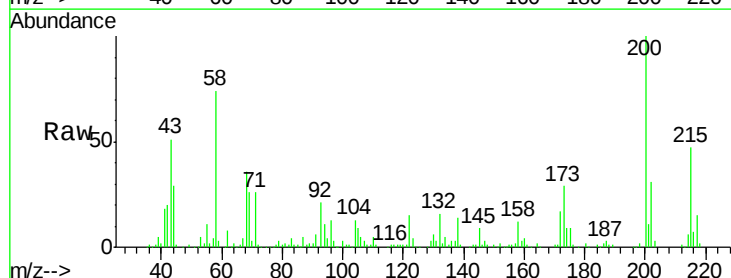


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

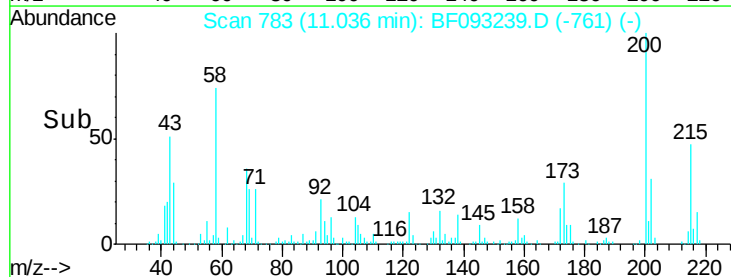
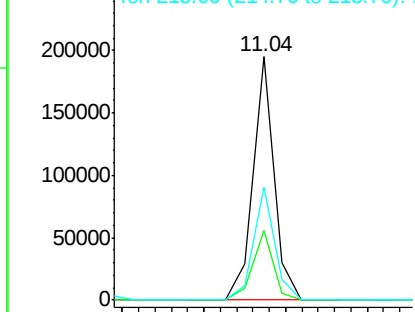


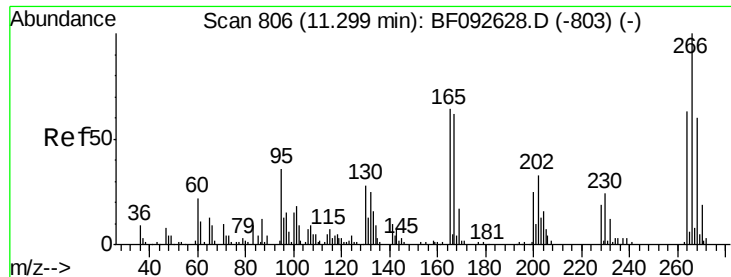
#68
Atrazine
Concen: 36.49 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:200 Resp: 174733
Ion Ratio Lower Upper
200 100
173 28.8 9.6 49.6
215 46.6 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

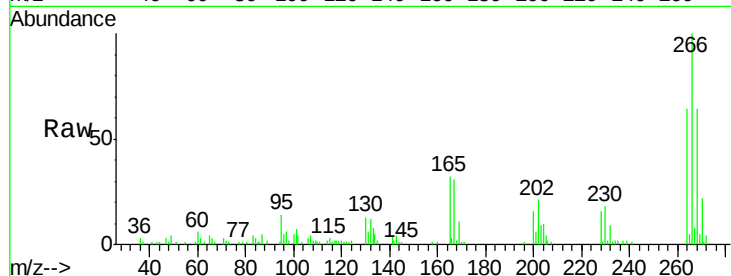




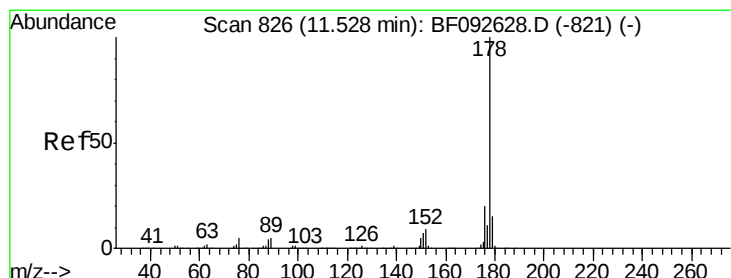
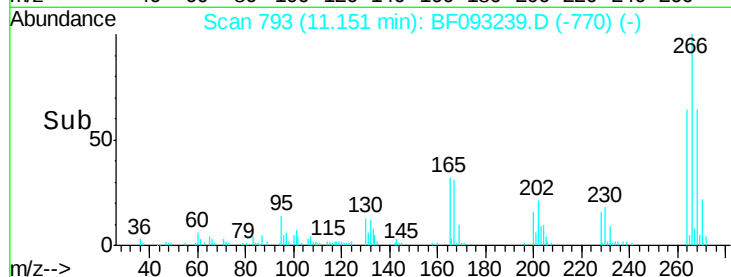
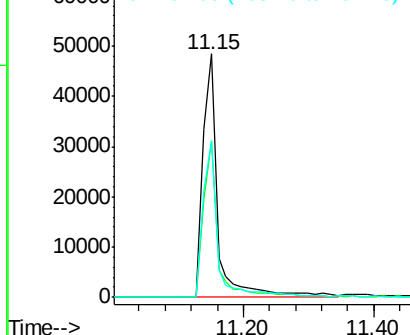
#69
 Pentachlorophenol
 Concen: 35.08 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 76271
 Ion Ratio Lower Upper
 266 100
 268 64.3 53.3 79.9
 264 64.3 50.3 75.5

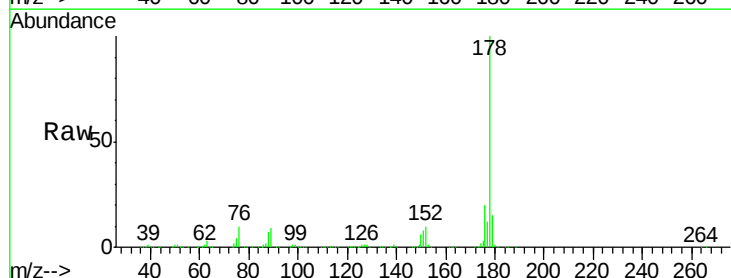


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

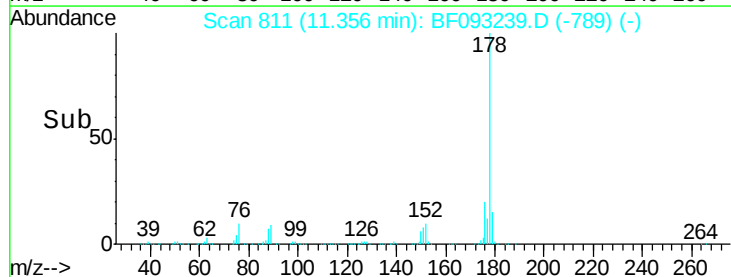
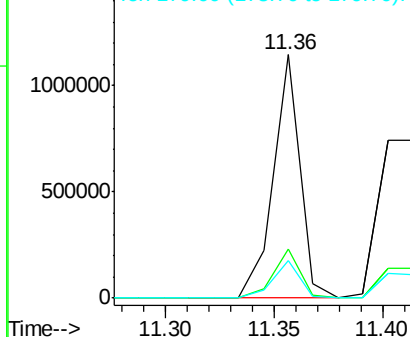


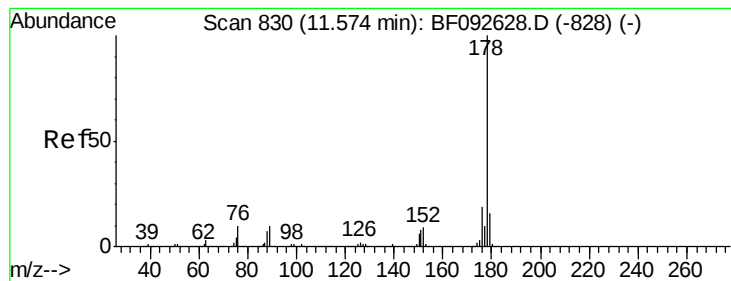
#70
 Phenanthrene
 Concen: 37.07 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion:178 Resp: 991912
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.85 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

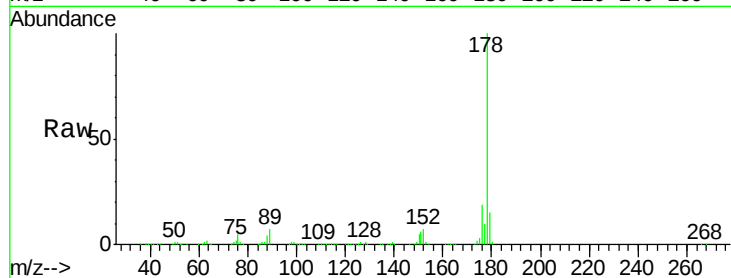
Tot Ion:178 Resp: 1044161

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

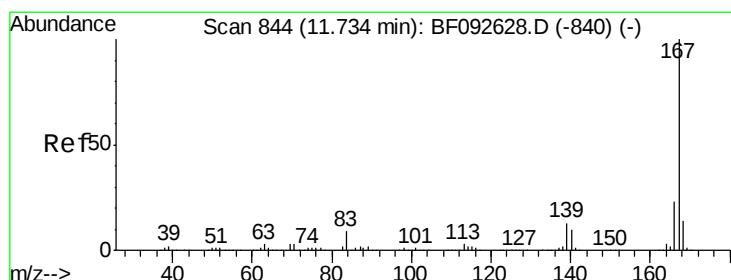
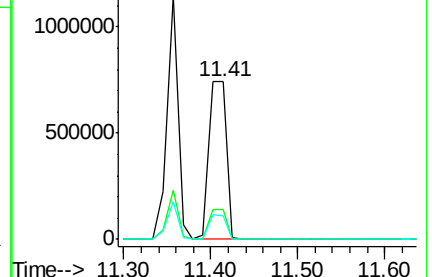
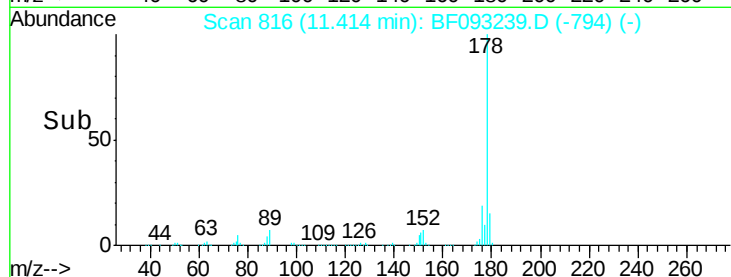
179 14.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.44 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

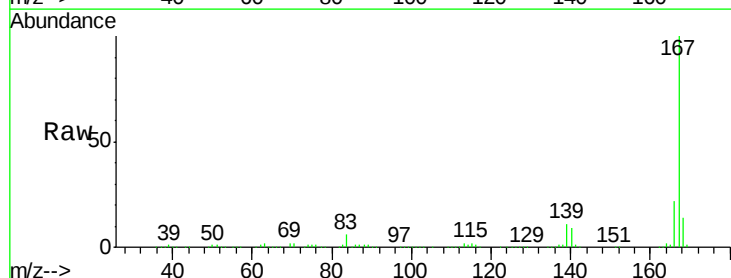
Tgt Ion:167 Resp: 1013260

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

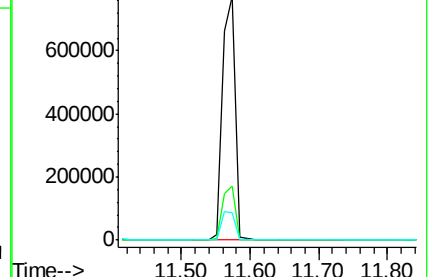
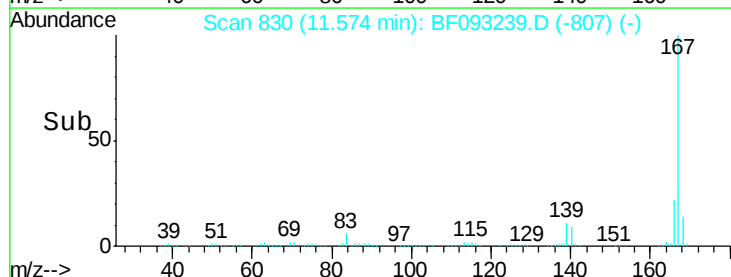
139 11.3 11.4 17.2#

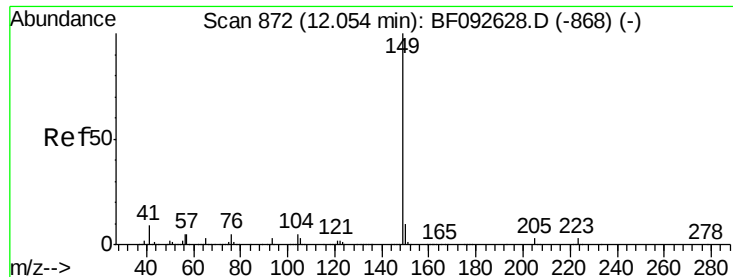


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.38 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

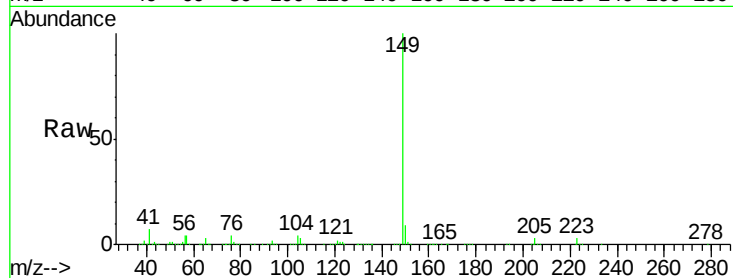
Tot Ion:149 Resp: 1149683

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

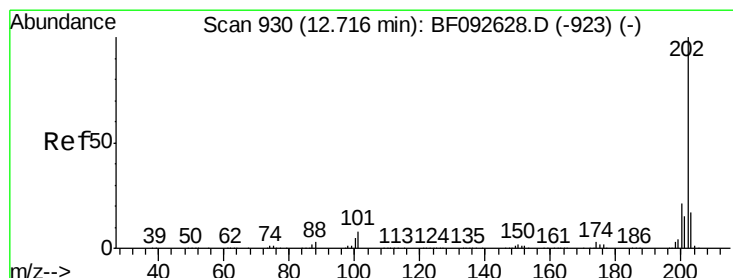
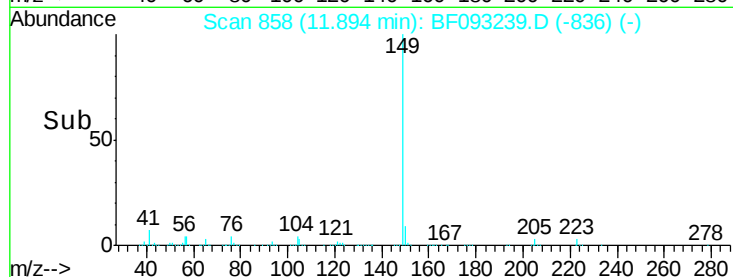
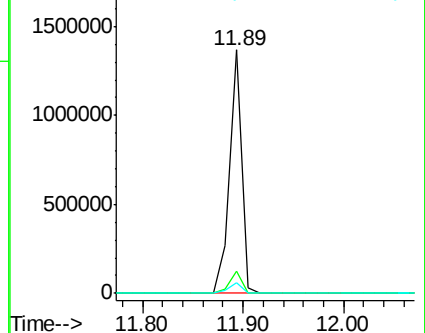
104 4.1 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.42 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

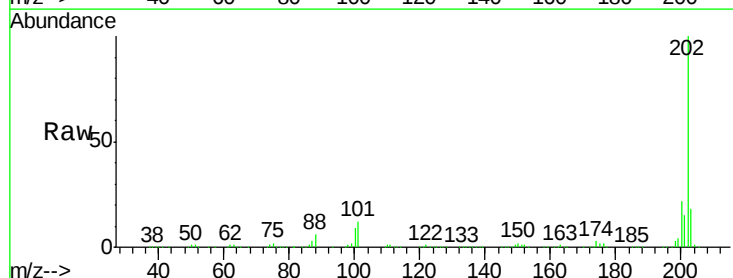
Tgt Ion:202 Resp: 1033047

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.6

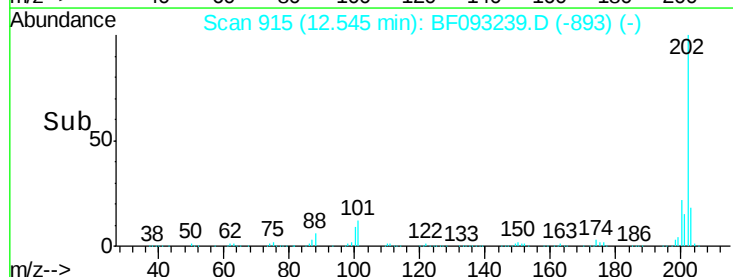
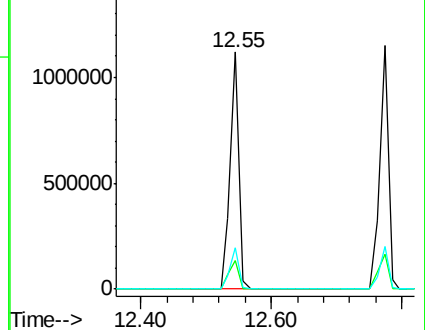
203 17.7 0.0 38.7

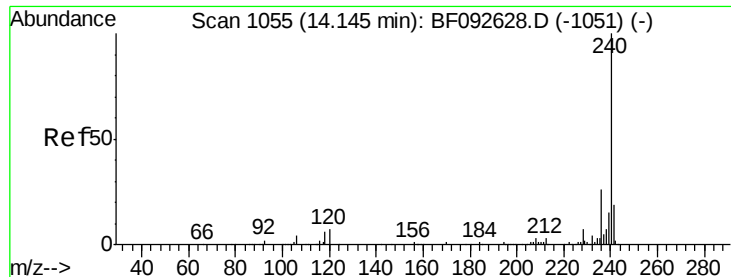


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampled :

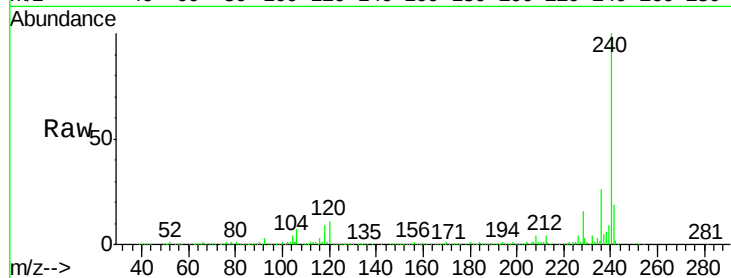
Tot Ion:240 Resp: 368844

Ion Ratio Lower Upper

240 100

120 10.9 12.9 19.3#

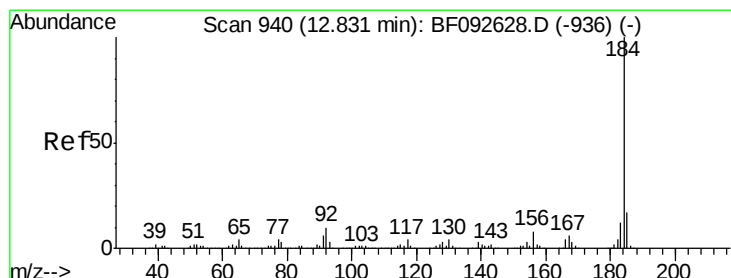
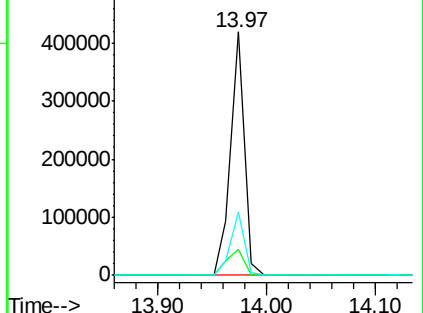
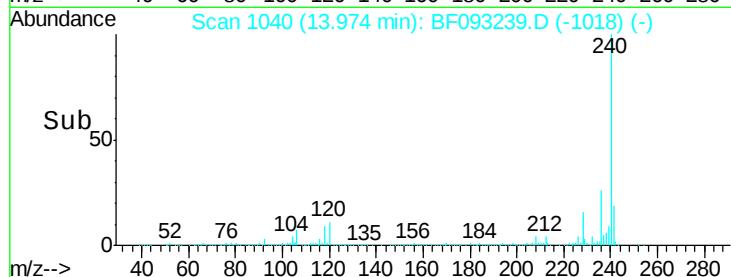
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.59 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

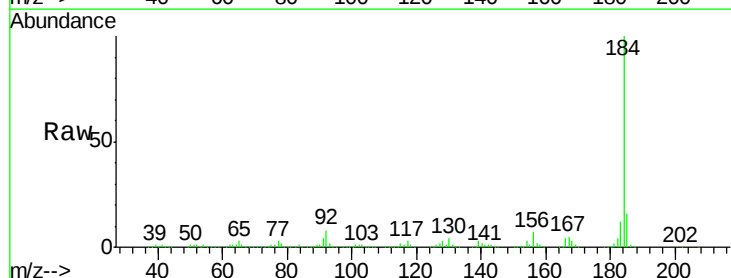
Tgt Ion:184 Resp: 637994

Ion Ratio Lower Upper

184 100

185 16.2 13.4 20.0

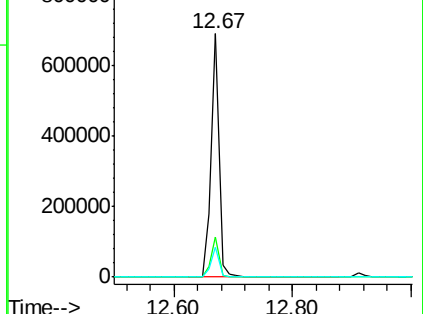
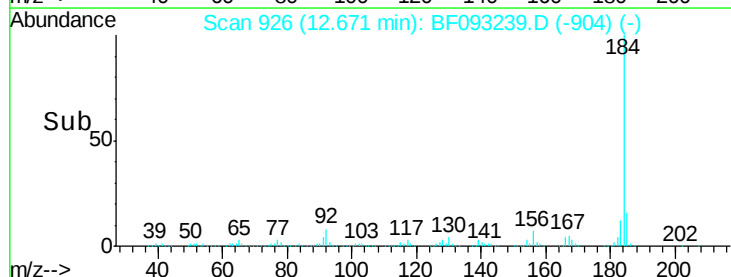
183 12.1 9.2 13.8

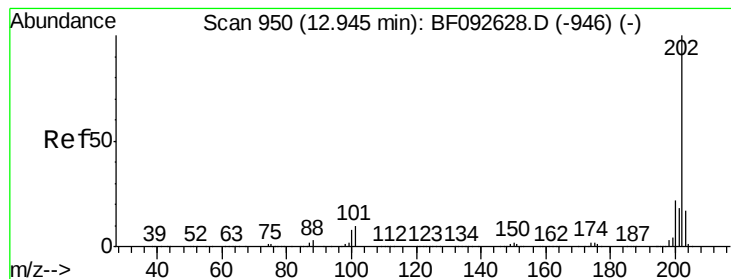


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.07 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

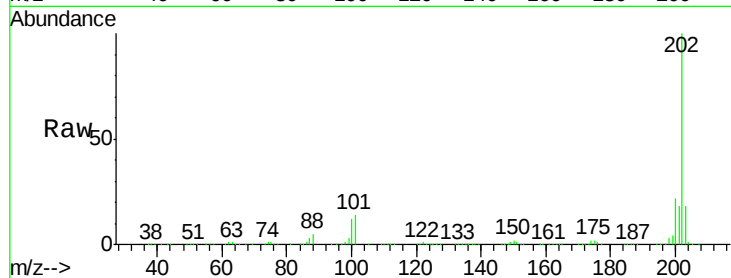
Tot Ion:202 Resp: 1050973

Ion Ratio Lower Upper

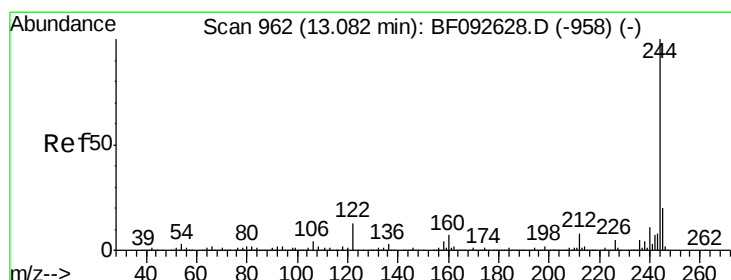
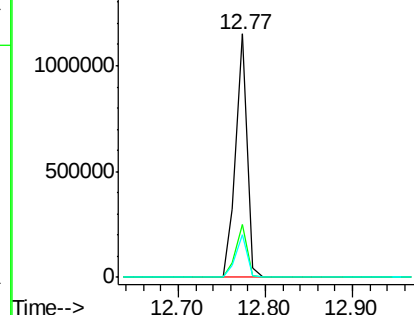
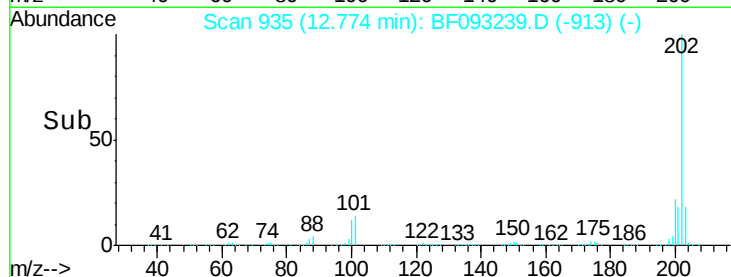
202 100

200 21.8 17.7 26.5

203 17.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.37 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

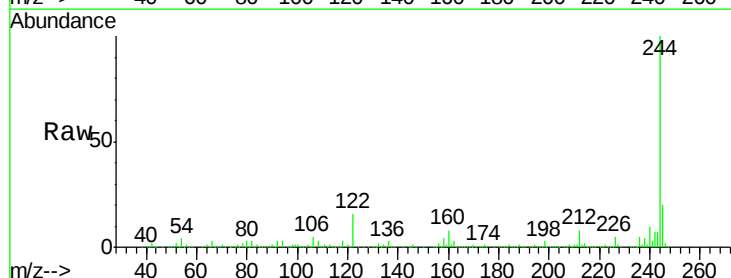
Tgt Ion:244 Resp: 1183061

Ion Ratio Lower Upper

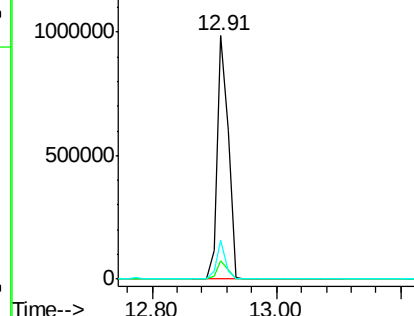
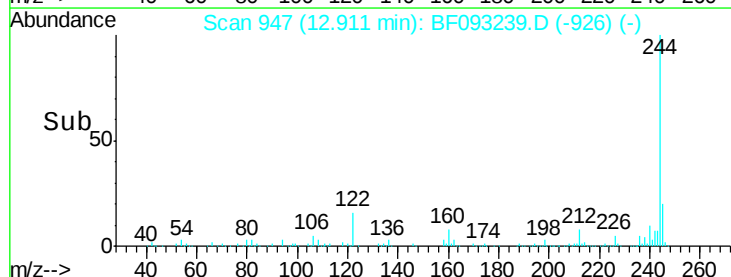
244 100

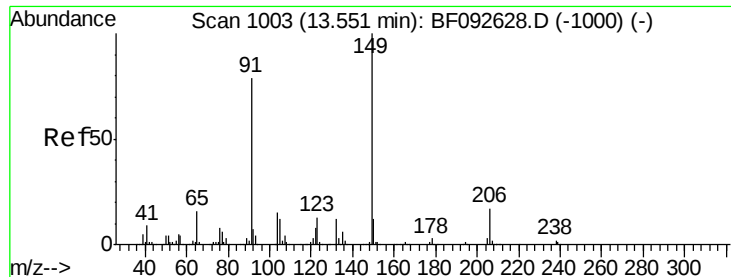
212 7.7 6.2 9.2

122 15.9 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

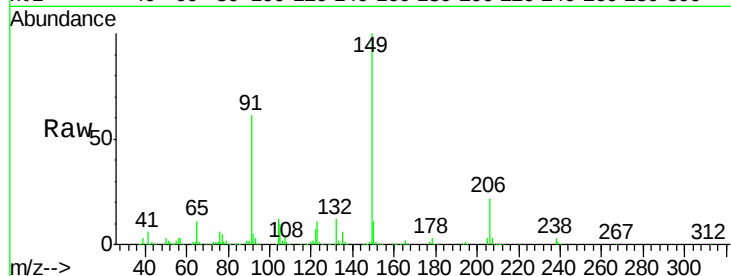




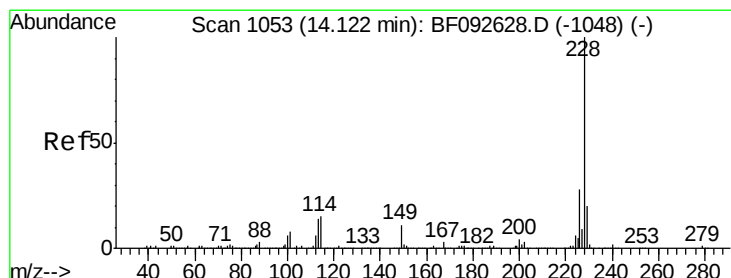
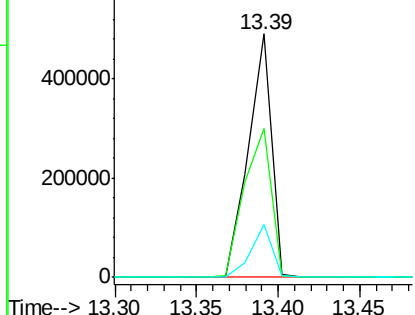
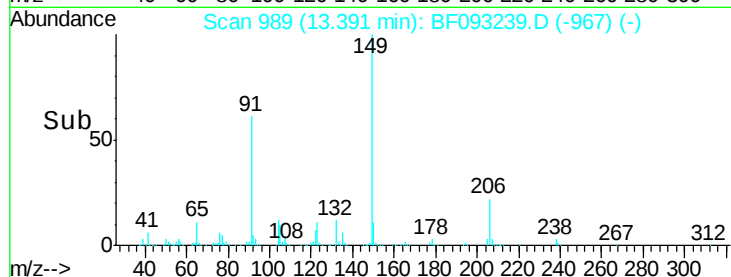
#79
Butylbenzylphthalate
Concen: 43.25 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 484809
Ion Ratio Lower Upper
149 100
91 61.2 63.9 95.9#
206 21.9 14.6 21.8#

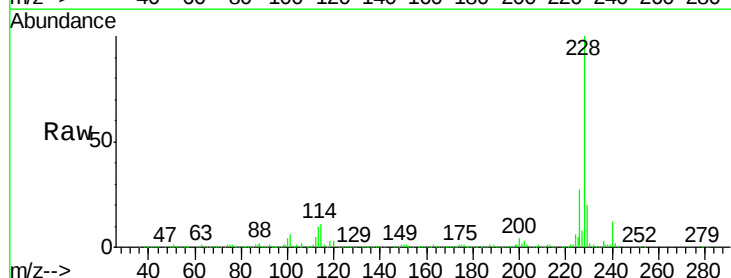


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

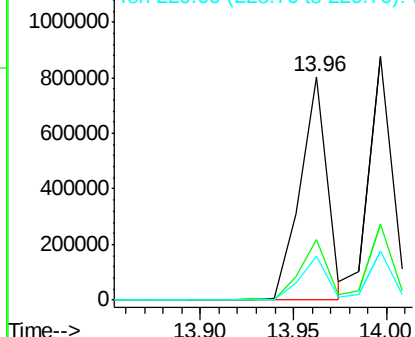
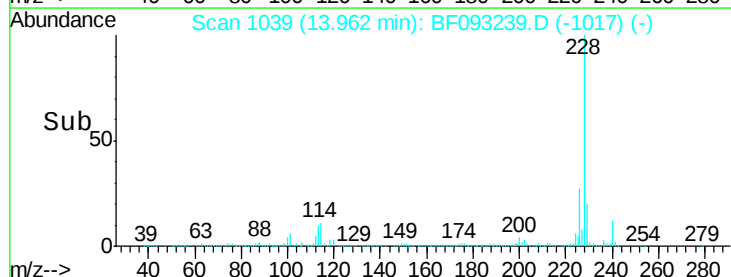


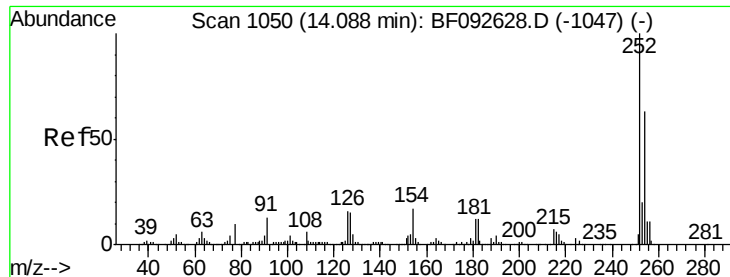
#80
Benzo(a)anthracene
Concen: 36.03 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:228 Resp: 812849
Ion Ratio Lower Upper
228 100
226 27.4 22.4 33.6
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

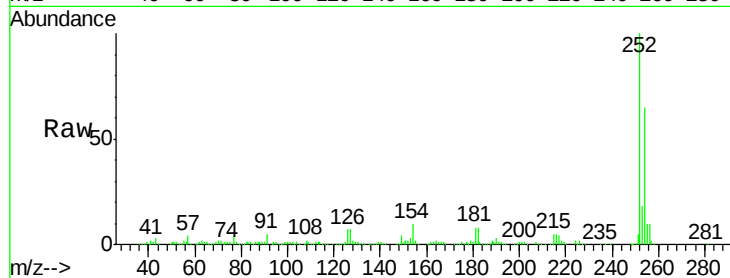




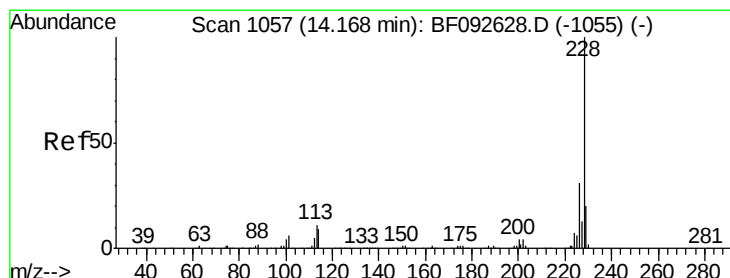
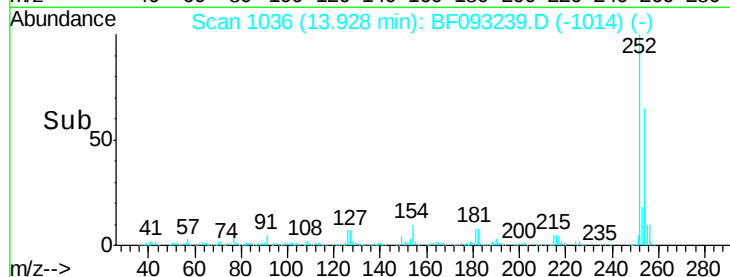
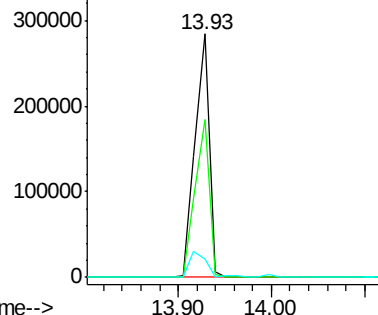
#81
 3,3'-Dichlorobenzidine
 Concen: 37.21 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 299249
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.3 78.5
 126 7.5 13.6 20.4#

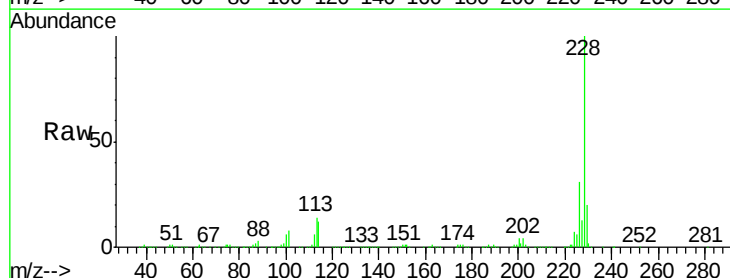


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

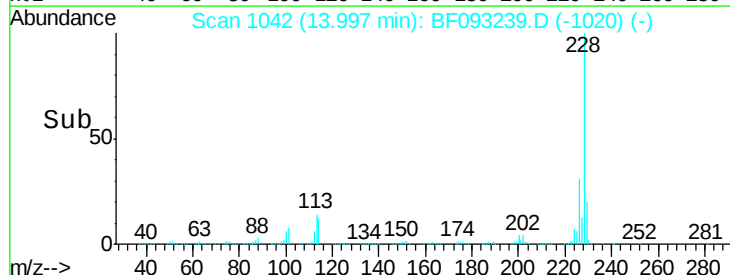
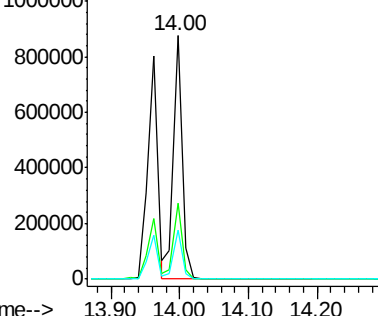


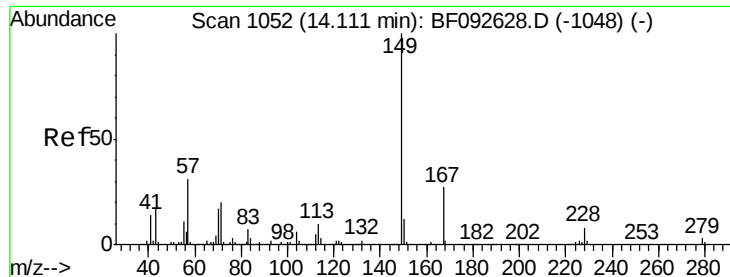
#82
 Chrysene
 Concen: 36.04 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF093239.D
 Acq: 28 Feb 2017 10:44

Tgt Ion:228 Resp: 761211
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 20.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.98 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

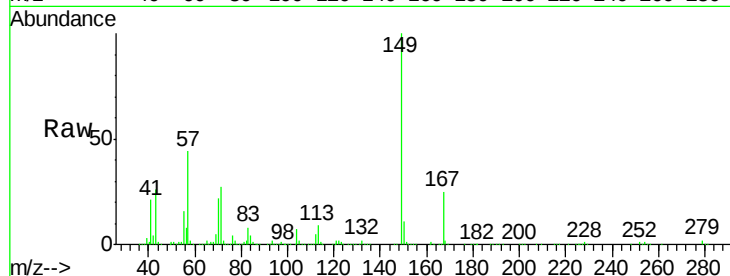
Tot Ion:149 Resp: 597502

Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.4

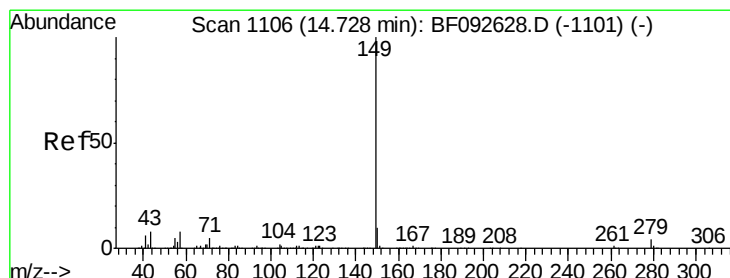
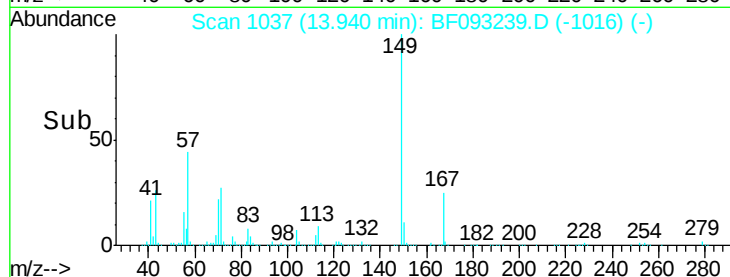
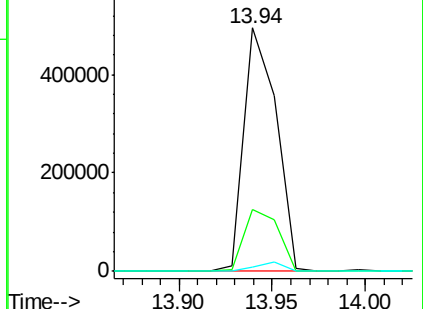
279 1.6 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.45 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

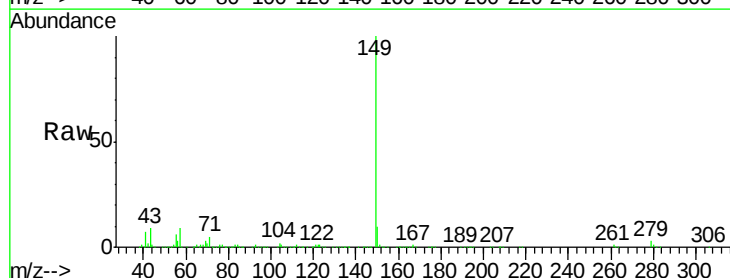
Tgt Ion:149 Resp: 1009838

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

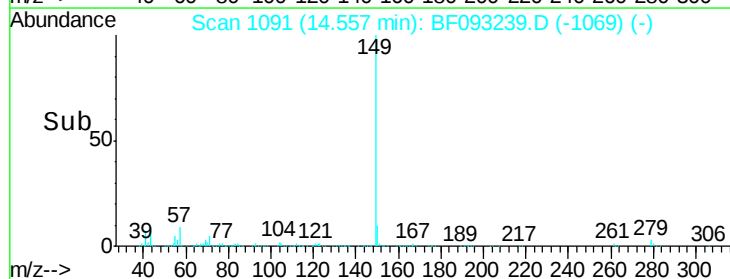
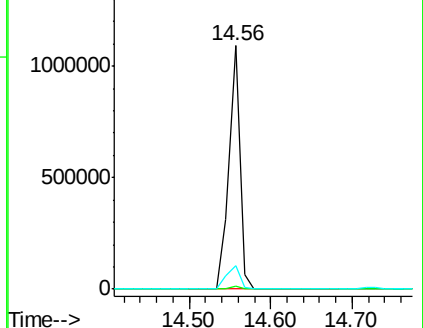
43 11.5 8.9 13.3

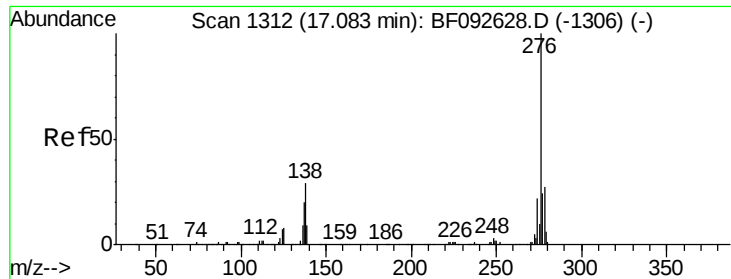


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

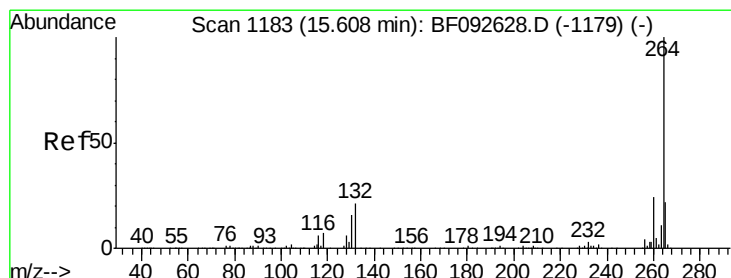
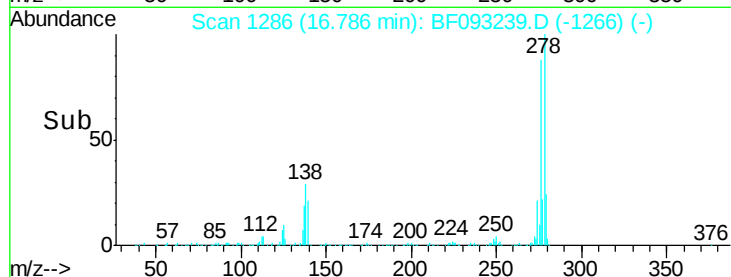
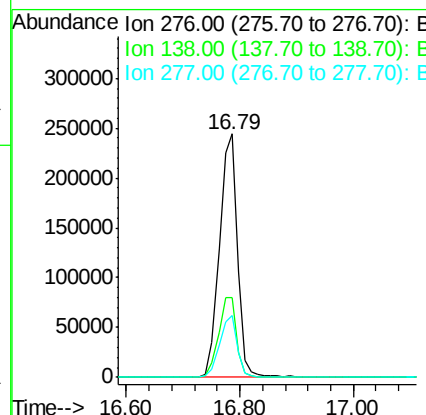
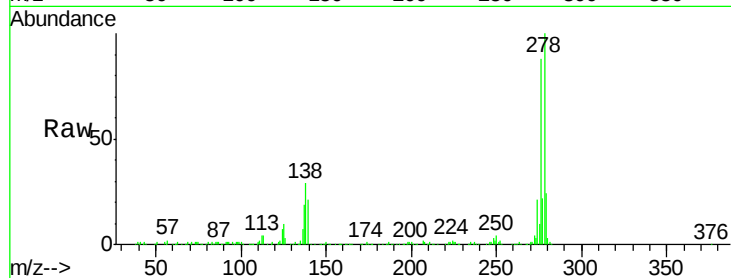




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.73 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.07 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

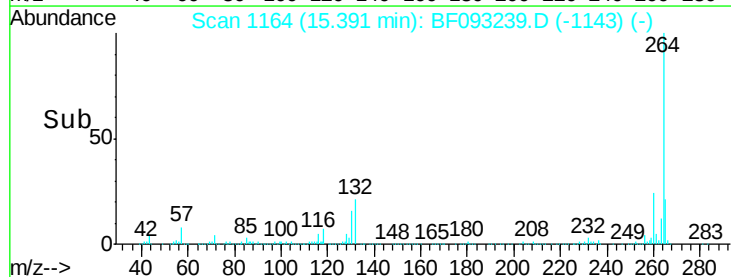
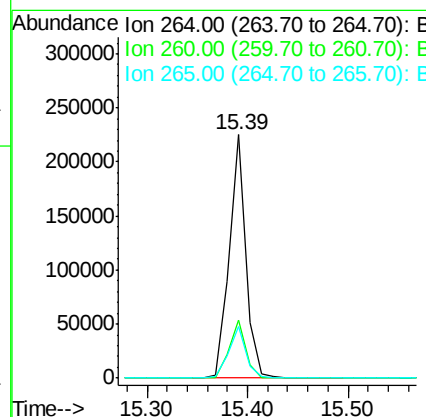
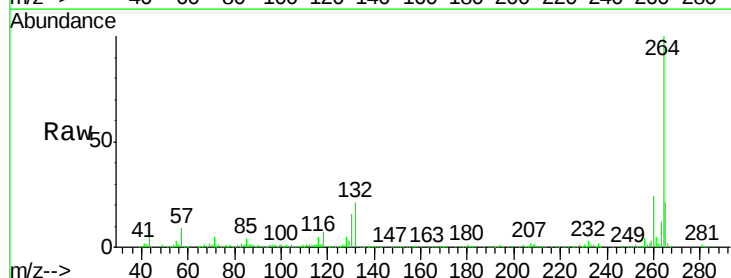
Instrument :
BNA_F
ClientSampleId :

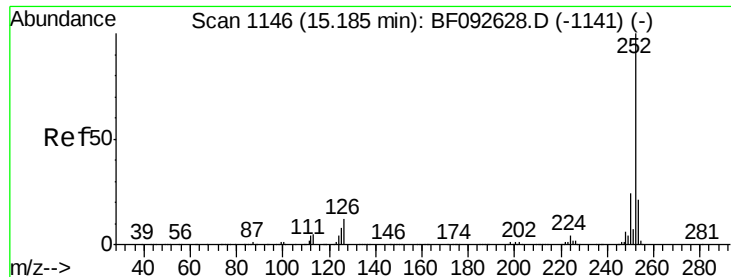
Tot Ion:276 Resp: 535524
Ion Ratio Lower Upper
276 100
138 33.1 21.8 32.6#
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:264 Resp: 258429
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.0 17.4 26.0

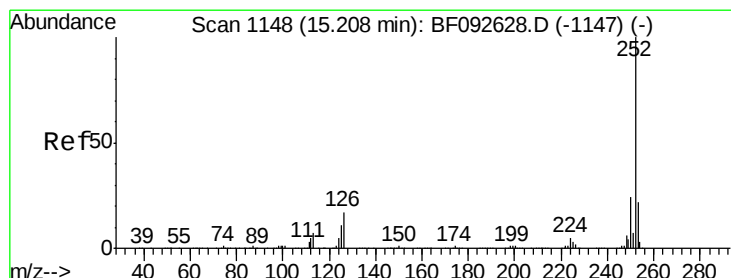
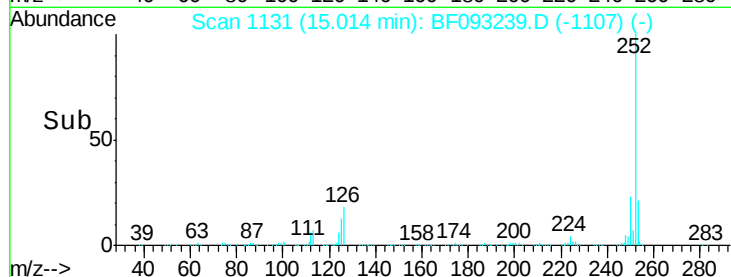
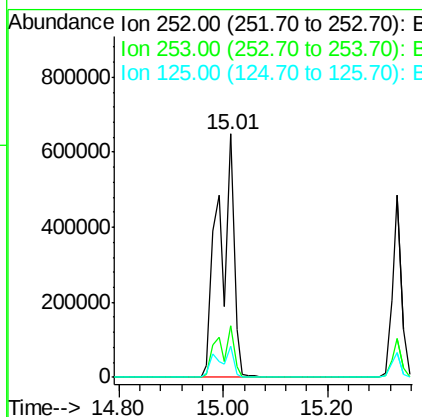
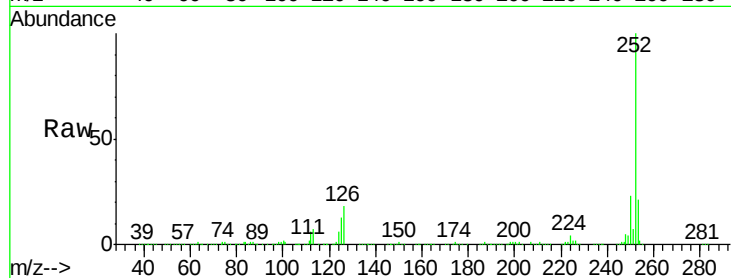




#87
Benzo(b)fluoranthene
Concen: 76.67 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

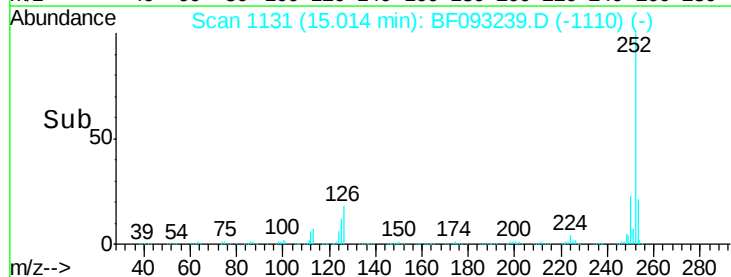
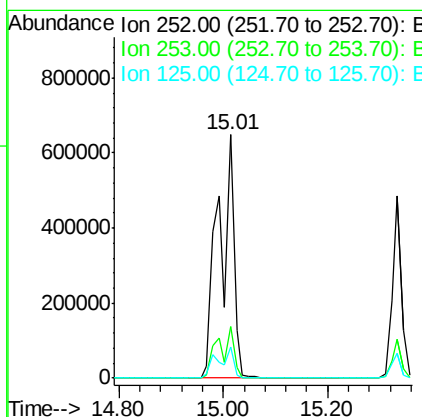
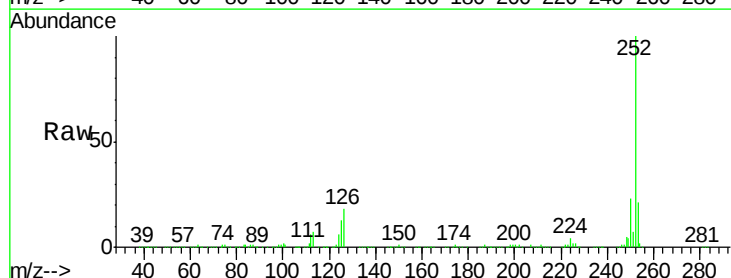
Instrument :
BNA_F
ClientSampleId :

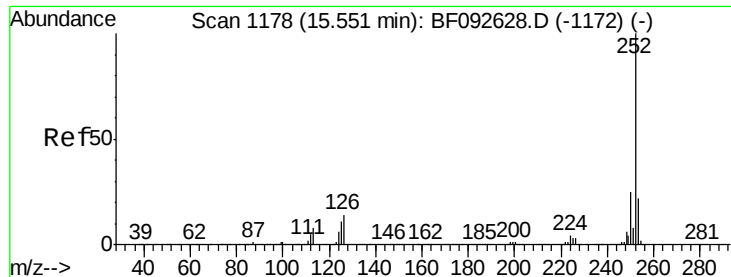
Tot Ion:252 Resp: 1304218
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 12.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 88.80 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.06 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion:252 Resp: 1304218
Ion Ratio Lower Upper
252 100
253 21.3 18.5 27.7
125 12.6 8.9 13.3

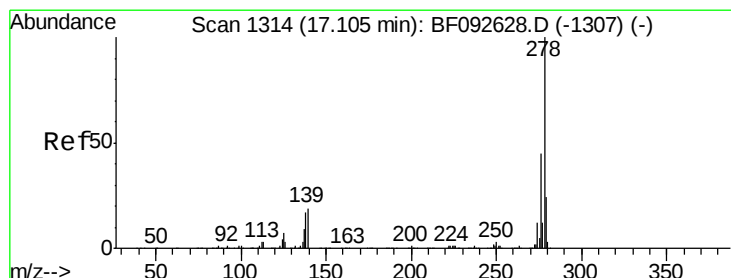
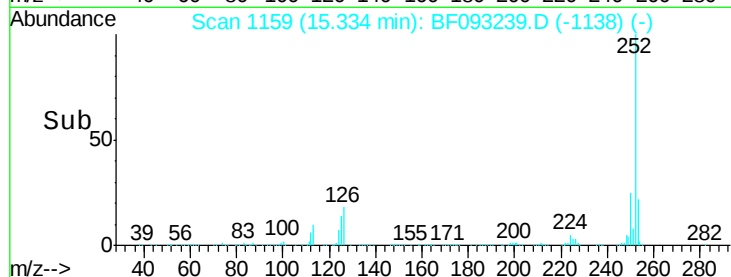
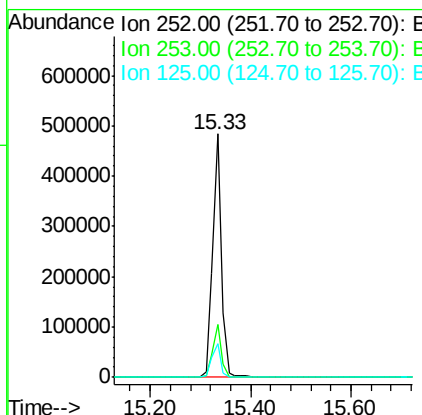
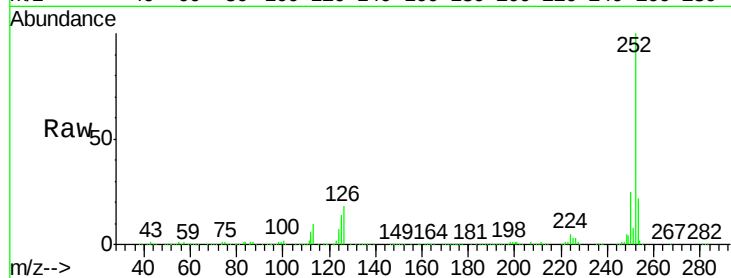




#89
Benzo(a)pyrene
Concen: 39.55 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

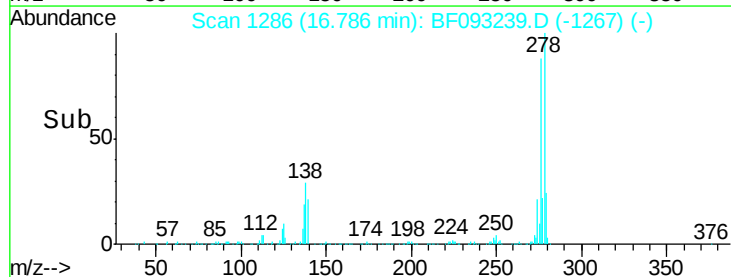
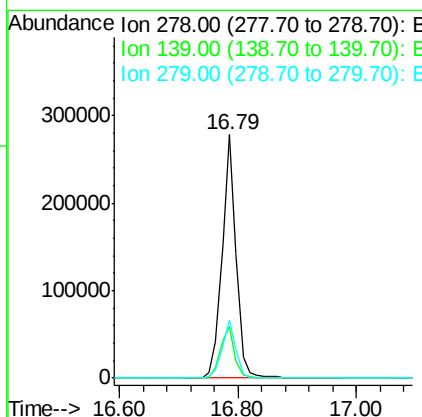
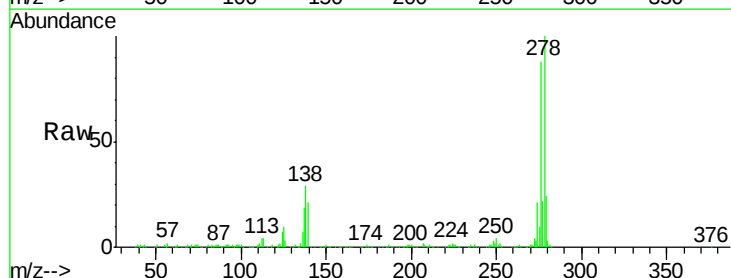
Instrument :
BNA_F
ClientSampleId :

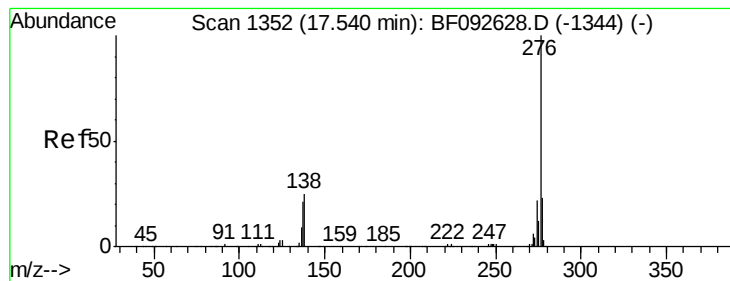
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	13.7	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 38.51 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF093239.D
Acq: 28 Feb 2017 10:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	14.8	22.2
279	23.6	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 39.16 ng

RT: 17.20 min Scan# 1322

Delta R.T. -0.09 min

Lab File: BF093239.D

Acq: 28 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

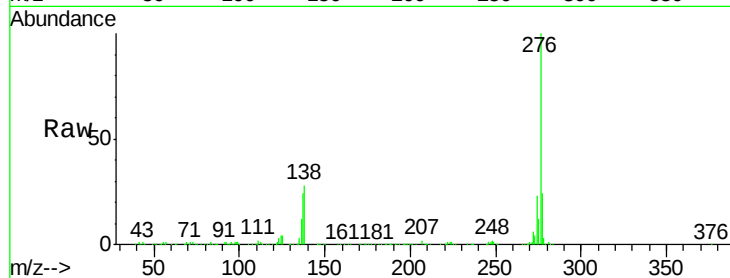
Tot Ion:276 Resp: 470438

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 28.2 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

