

Data File : BF093082.D
Acq On : 22 Feb 2017 18:24
Operator : SJ/MA
Sample : I1915-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-1MSD

Quant Time: Feb 22 23:56:50 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	6.84	152	154793	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	632523	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	302706	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	556328	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	503684	20.00	ng	-0.02
86) Perylene-d12	15.41	264	371067	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1170927	129.78	ng	0.00
7) Phenol-d6	6.49	99	1405150	121.04	ng	0.00
23) Nitrobenzene-d5	7.41	82	980225	86.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	334201	152.65	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1850525	110.75	ng	-0.01
78) Terphenyl-d14	12.95	244	1610337	75.12	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	180902	37.11	ng	# 75
3) Pyridine	3.28	79	308904	24.92	ng	92
4) n-Nitrosodimethylamine	3.20	42	260281	44.71	ng	85
6) Aniline	6.51	93	221289	13.97	ng	# 74
8) 2-Chlorophenol	6.64	128	447175	44.92	ng	91
9) Benzaldehyde	6.40	77	35026	4.21	ng	97
10) Phenol	6.50	94	472007	34.75	ng	83
11) bis(2-Chloroethyl)ether	6.58	93	487647	44.98	ng	89
12) 1,3-Dichlorobenzene	6.78	146	505906	43.39	ng	97
13) 1,4-Dichlorobenzene	6.78	146	505906	42.87	ng	95
14) 1,2-Dichlorobenzene	7.01	146	467851	41.46	ng	98
15) Benzyl Alcohol	6.99	79	374895	43.62	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	790763	41.98	ng	97
17) 2-Methylphenol	7.12	107	401912	47.07	ng	97
18) Hexachloroethane	7.36	117	168203	41.76	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	319521	43.24	ng	96
20) 3+4-Methylphenols	7.26	107	474149	46.44	ng	# 77
22) Acetophenone	7.26	105	633351	43.86	ng	# 94
24) Nitrobenzene	7.44	77	562965	48.27	ng	92
25) Isophorone	7.68	82	987778	46.67	ng	99
26) 2-Nitrophenol	7.74	139	257179	46.39	ng	91
27) 2,4-Dimethylphenol	7.79	122	421340	43.27	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	582245	41.54	ng	94
29) 2,4-Dichlorophenol	8.00	162	440527	48.51	ng	93
30) 1,2,4-Trichlorobenzene	8.08	180	426266	43.56	ng	99
31) Naphthalene	8.16	128	1342598	41.87	ng	99
32) Benzoic acid	7.94	122	308463	54.73	ng	97
33) 4-Chloroaniline	8.20	127	84944	6.76	ng	97
34) Hexachlorobutadiene	8.27	225	213838	39.72	ng	97
35) Caprolactam	8.58	113	76021	26.61	ng	# 35
36) 4-Chloro-3-methylphenol	8.69	107	439432	46.41	ng	100
37) 2-Methylnaphthalene	8.84	142	929173	45.13	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	383305	45.11	ng	99
40) Hexachlorocyclopentadiene	8.99	237	311523	81.26	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	293827	52.63	ng	95
43) 2,4,5-Trichlorophenol	9.17	196	319866	52.29	ng #	87
45) 1,1'-Biphenyl	9.30	154	1039974	47.45	ng	96
46) 2-Chloronaphthalene	9.33	162	892977	52.08	ng	95
47) 2-Nitroaniline	9.42	65	275643	47.81	ng	95
48) Acenaphthylene	9.74	152	1422855	48.03	ng	99
49) Dimethylphthalate	9.61	163	1036530	50.84	ng	99
50) 2,6-Dinitrotoluene	9.68	165	250413	56.87	ng #	78
51) Acenaphthene	9.92	154	868648	49.05	ng	98
52) 3-Nitroaniline	9.84	138	66298	13.16	ng	92
53) 2,4-Dinitrophenol	9.95	184	239831	105.47	ng #	63
54) Dibenzofuran	10.09	168	1245765	52.59	ng	93
55) 4-Nitrophenol	10.02	139	358762	98.85	ng	86
56) 2,4-Dinitrotoluene	10.08	165	281849	48.08	ng	95
57) Fluorene	10.43	166	930518	51.06	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	231755	56.79	ng	95
59) Diethylphthalate	10.30	149	1021484	53.16	ng	98
60) 4-Chlorophenyl-phenylether	10.42	204	444586	50.78	ng #	82
61) 4-Nitroaniline	10.45	138	214963	41.65	ng	92
62) Azobenzene	10.58	77	1182054	59.55	ng	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	192154	56.26	ng	86
65) n-Nitrosodiphenylamine	10.54	169	830107	46.71	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	266888	45.92	ng #	76
67) Hexachlorobenzene	10.97	284	252226	43.91	ng #	80
68) Atrazine	11.07	200	233520	40.95	ng	94
69) Pentachlorophenol	11.17	266	303576	100.37	ng	98
70) Phenanthrene	11.38	178	1402002	43.99	ng	99
71) Anthracene	11.44	178	1427061	44.58	ng	98
72) Carbazole	11.60	167	1377787	45.03	ng	98
73) Di-n-butylphthalate	11.92	149	1534051	46.36	ng	98
74) Fluoranthene	12.57	202	1334189	40.58	ng	99
77) Pyrene	12.80	202	1363454	36.17	ng	99
79) Butylbenzylphthalate	13.41	149	678636	44.33	ng	93
80) Benzo(a)anthracene	13.99	228	1235746	40.11	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	127296	11.59	ng #	93
82) Chrysene	14.02	228	1027022	35.61	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	933730	44.60	ng #	97
84) Di-n-octyl phthalate	14.58	149	1577585	46.28	ng	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	892416	39.94	ng #	93
87) Benzo(b)fluoranthene	15.01	252	1129666	46.25	ng	99
88) Benzo(k)fluoranthene	15.01	252	1129666	53.57	ng	98
89) Benzo(a)pyrene	15.37	252	1029210	48.72	ng #	95
90) Dibenzo(a,h)anthracene	16.83	278	745680	43.67	ng	98
91) Benzo(g,h,i)perylene	17.23	276	766671	44.45	ng #	90

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

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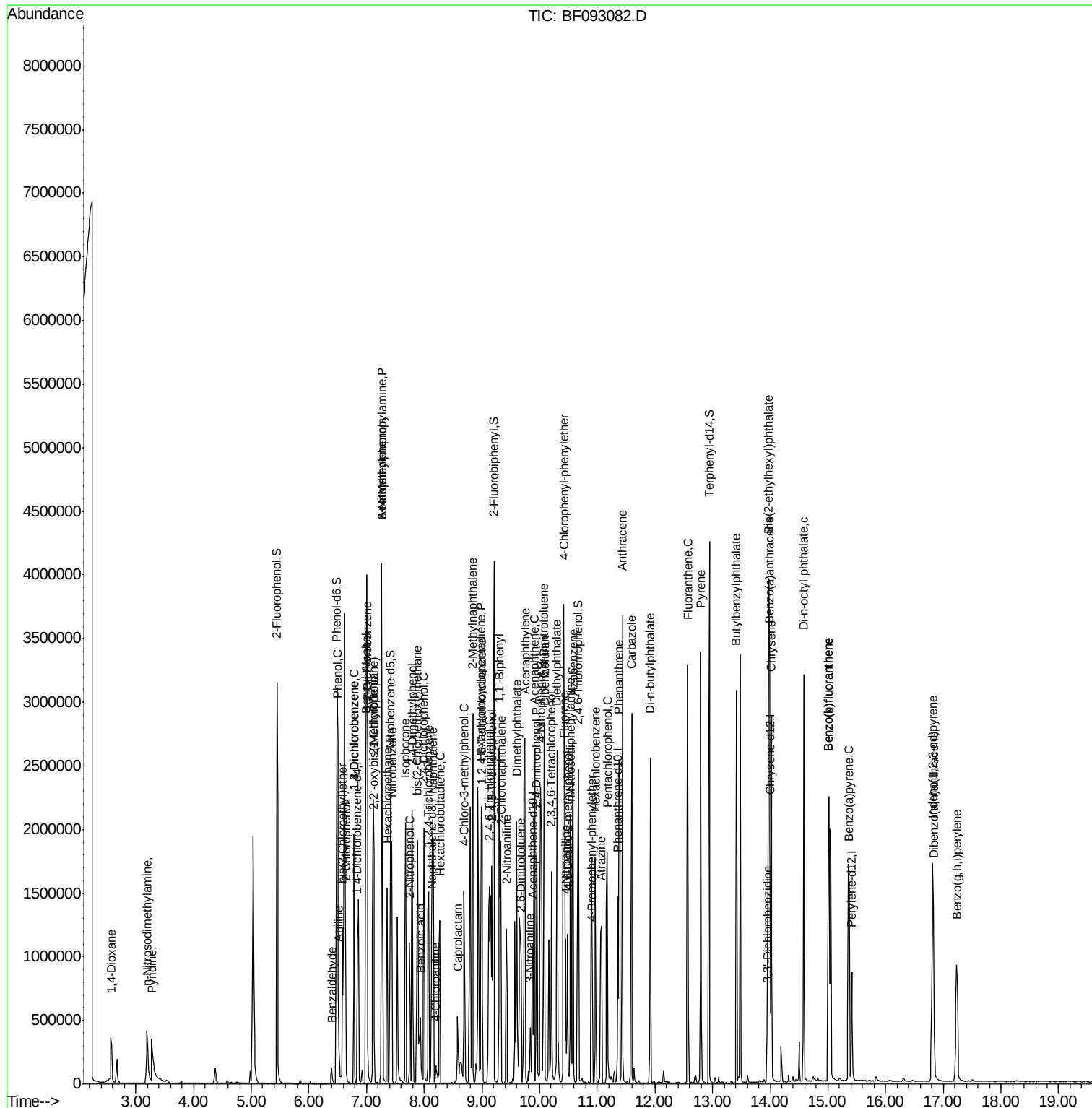
Quant Time: Feb 22 23:56:50 2017

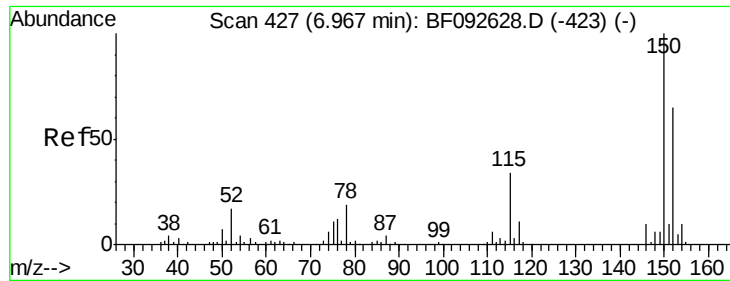
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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ClientSampleId :

B1-1MSD

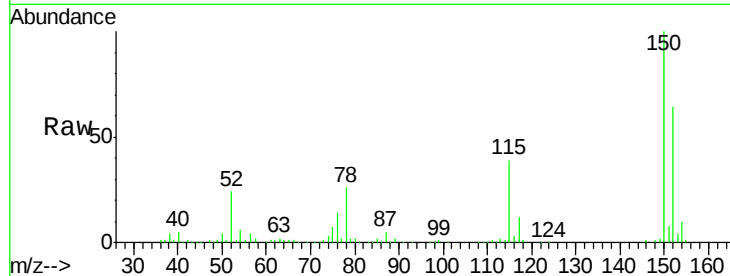
Tgt Ion:152 Resp: 154793

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

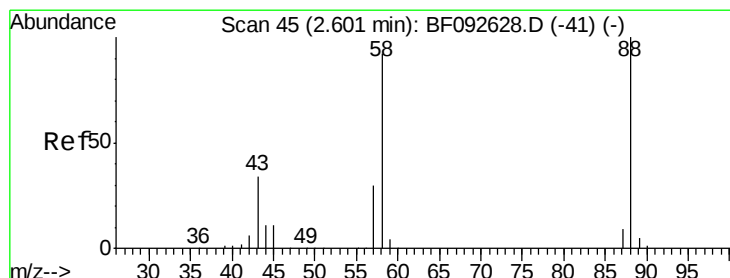
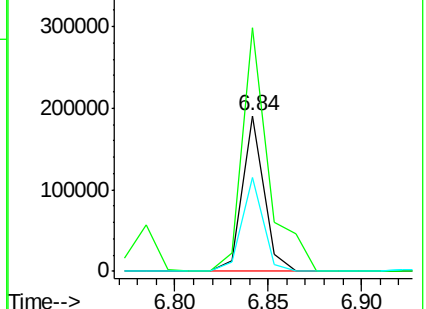
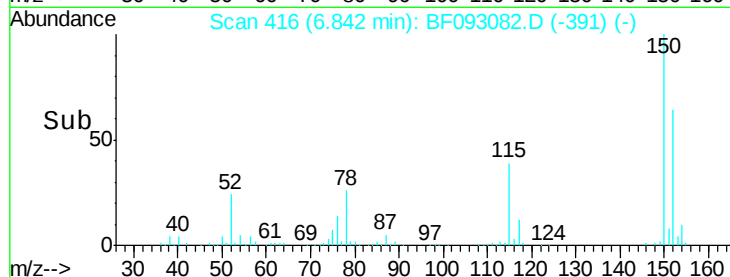
115 60.2 46.0 69.0



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: 37.11 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.14 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

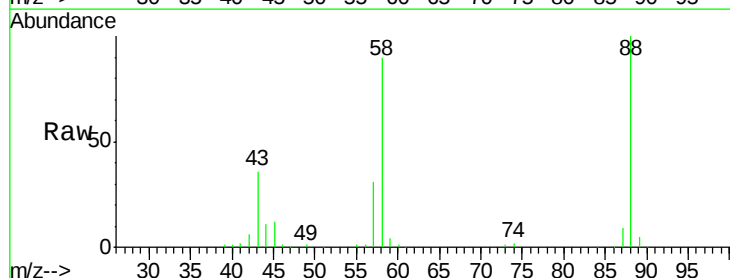
Tgt Ion: 88 Resp: 180902

Ion Ratio Lower Upper

88 100

58 84.1 57.8 86.8

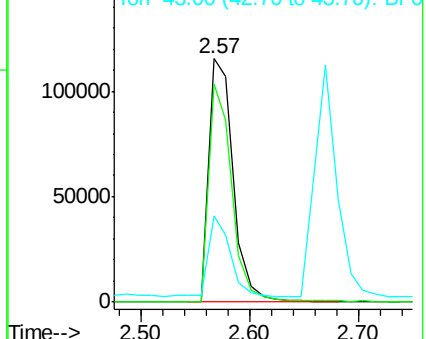
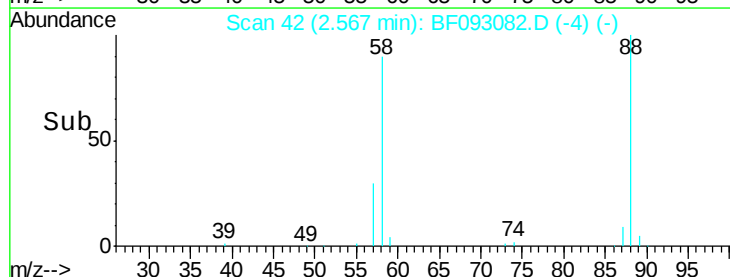
43 0.0 22.3 33.5#

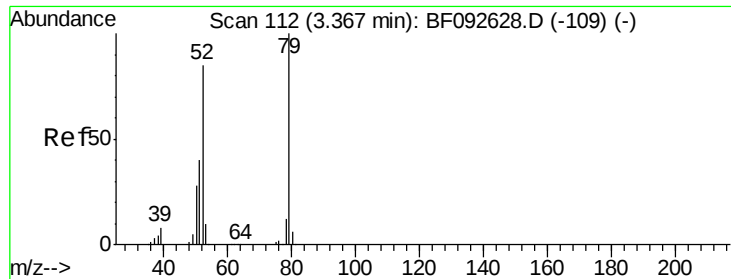


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.92 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.13 min

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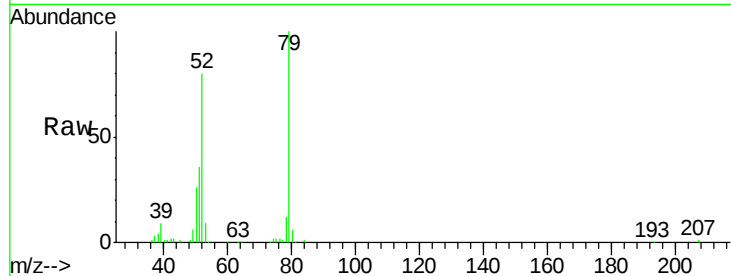
Tgt Ion: 79 Resp: 308904

Ion Ratio Lower Upper

79 100

52 79.7 57.1 85.7

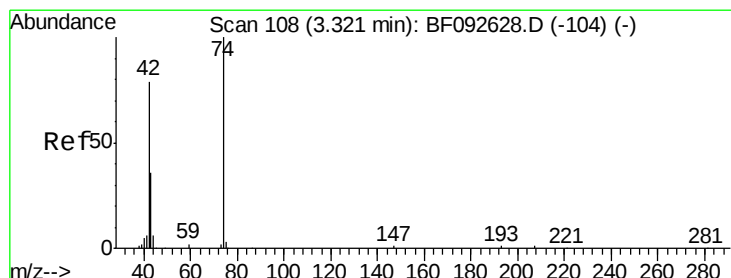
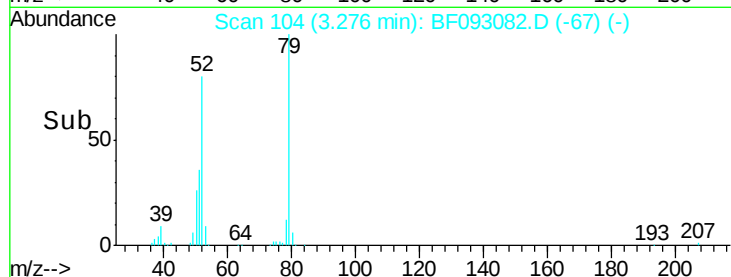
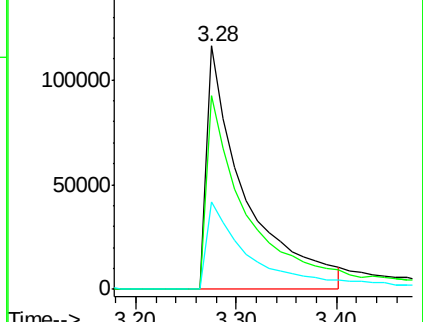
51 36.1 27.3 40.9



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: 44.71 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.09 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

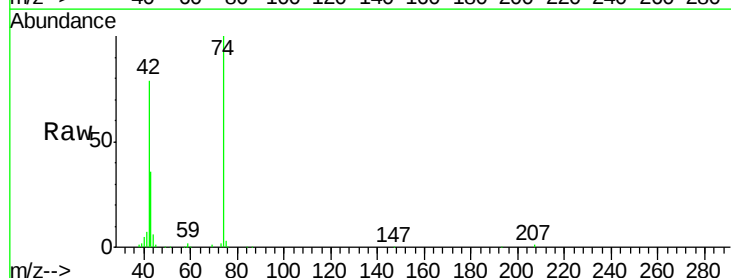
Tgt Ion: 42 Resp: 260281

Ion Ratio Lower Upper

42 100

74 127.0 117.0 175.4

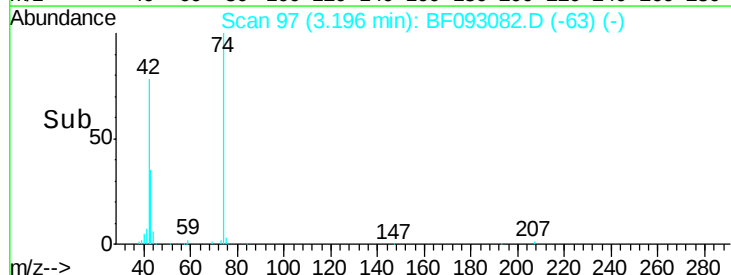
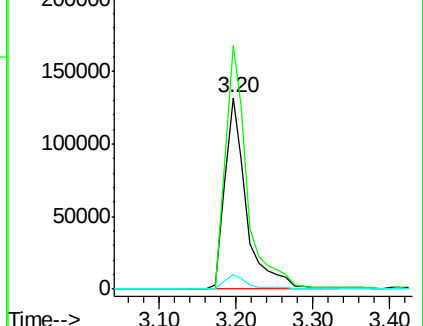
44 7.7 5.5 8.3

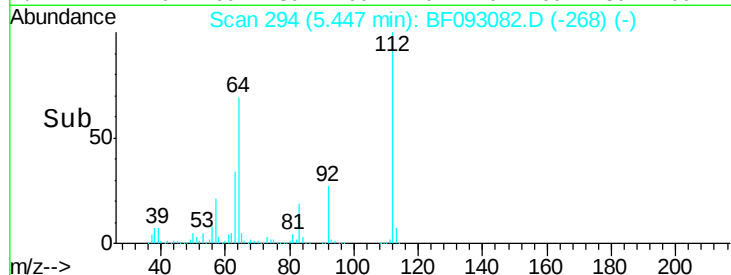
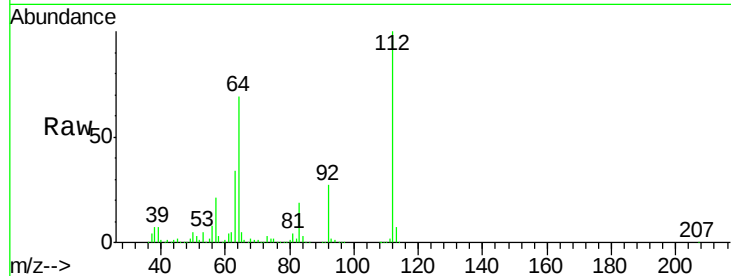
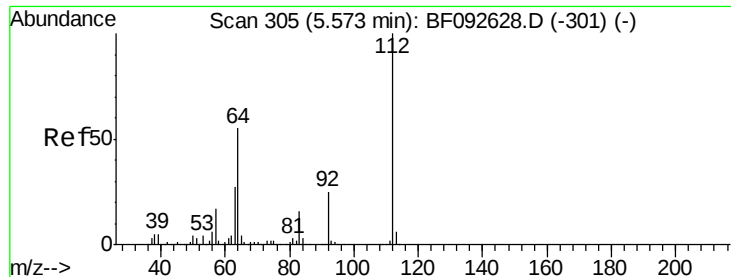


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 129.78 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

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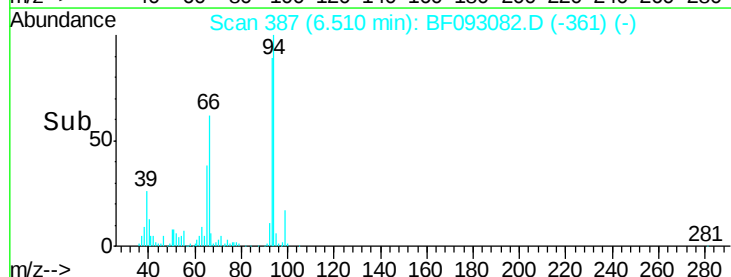
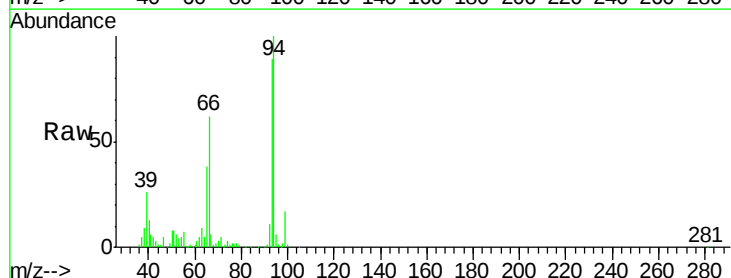
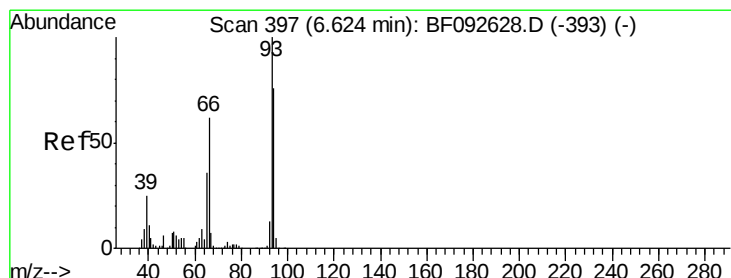
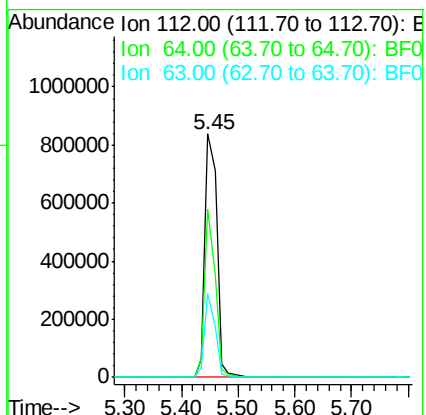
Tgt Ion: 112 Resp: 1170927

Ion Ratio Lower Upper

112 100

64 68.9 46.1 69.1

63 34.3 23.8 35.6



#6

Aniline

Concen: 13.97 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

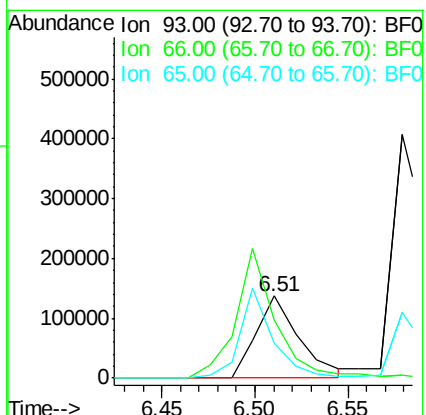
Tgt Ion: 93 Resp: 221289

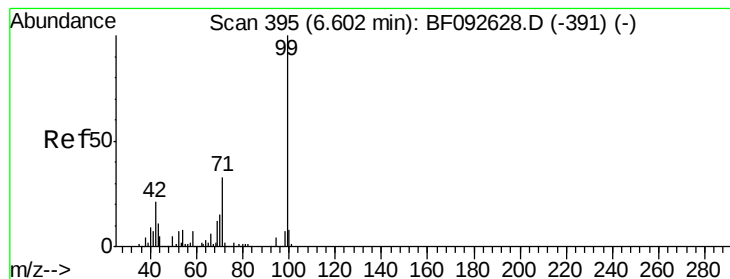
Ion Ratio Lower Upper

93 100

66 70.0 76.2 114.2#

65 42.2 49.3 73.9#





#7

Phenol-d6

Concen: 121.04 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

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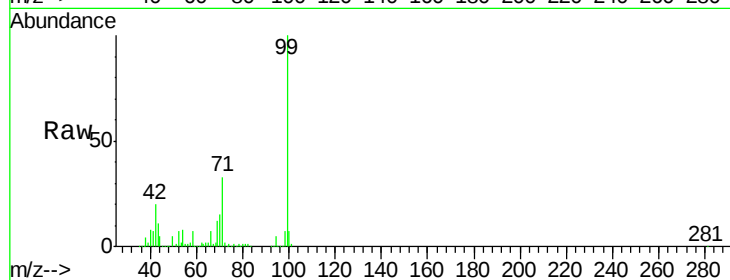
Tgt Ion: 99 Resp: 1405150

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

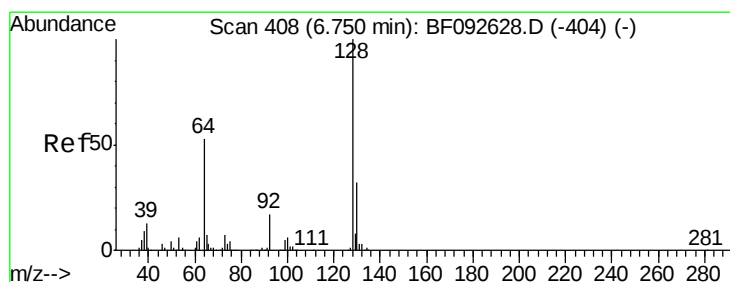
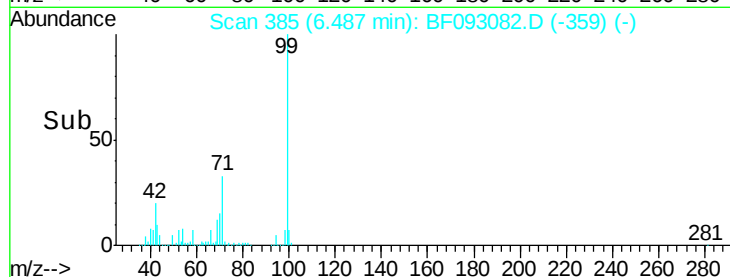
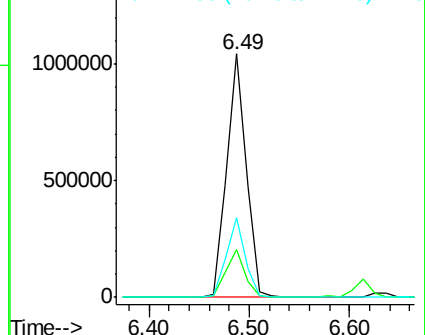
71 32.9 27.5 41.3



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: 44.92 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

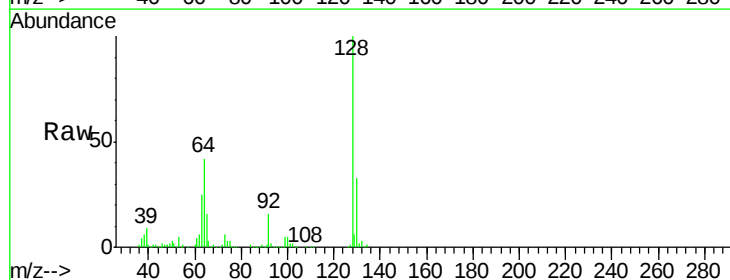
Tgt Ion: 128 Resp: 447175

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

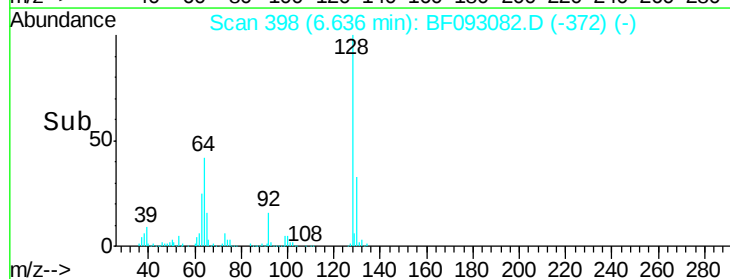
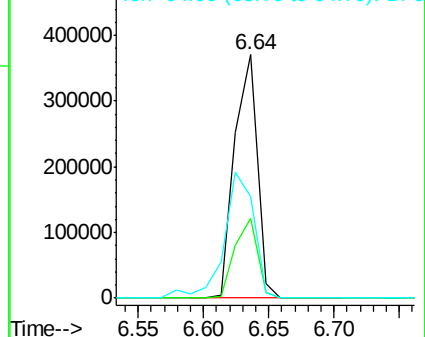
64 41.9 32.2 72.2

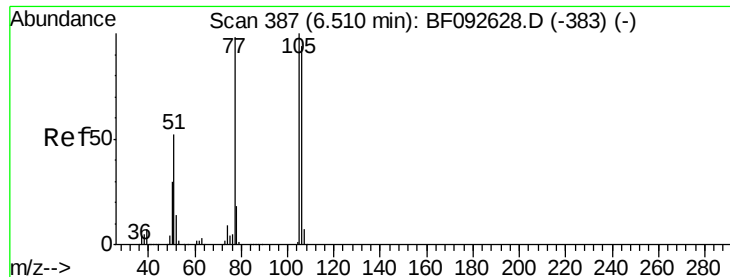


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.21 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

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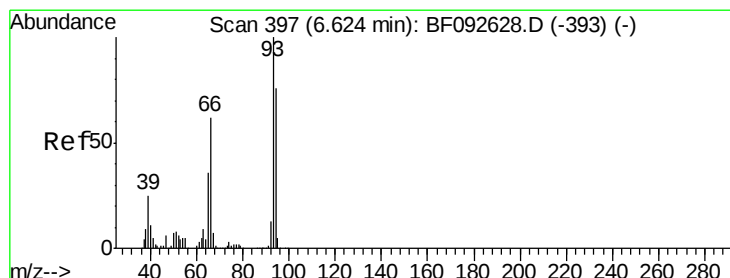
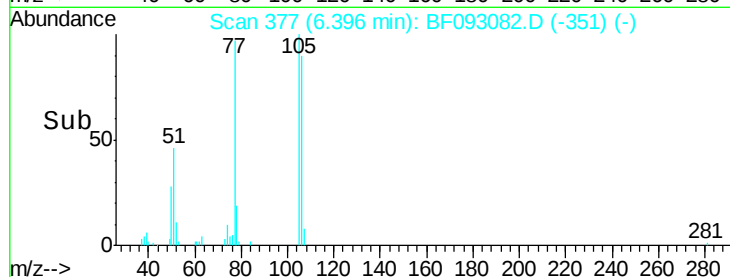
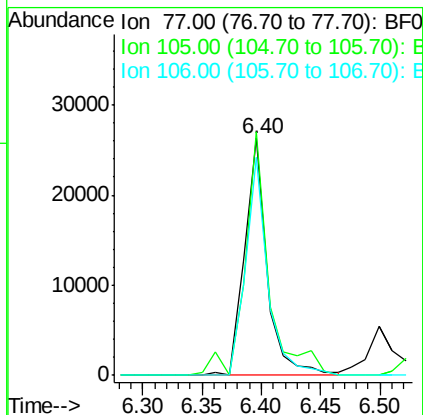
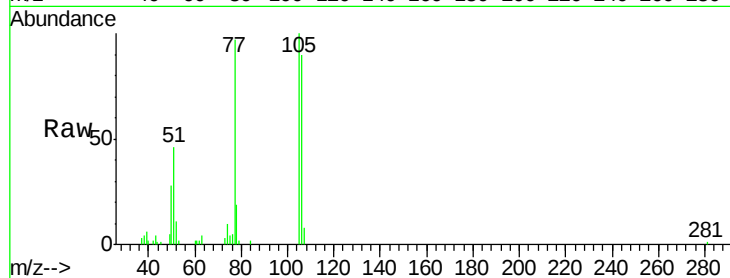
Tgt Ion: 77 Resp: 35026

Ion Ratio Lower Upper

77 100

105 102.8 83.9 123.9

106 92.1 77.6 117.6



#10

Phenol

Concen: 34.75 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

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Acq: 22 Feb 2017 18:24

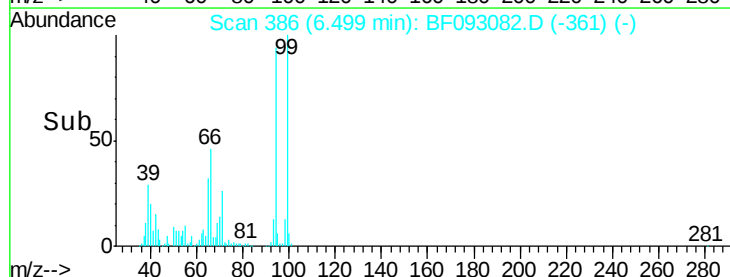
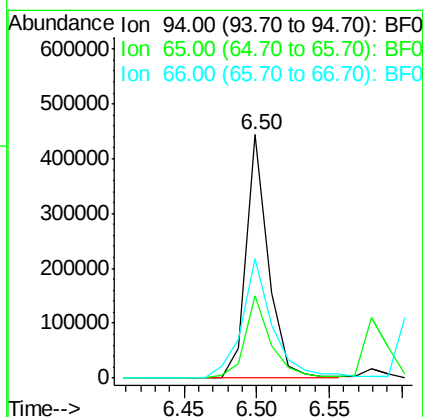
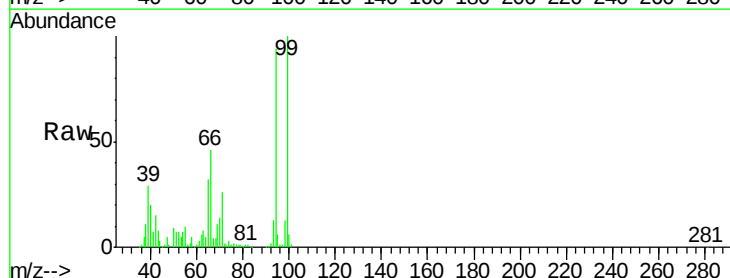
Tgt Ion: 94 Resp: 472007

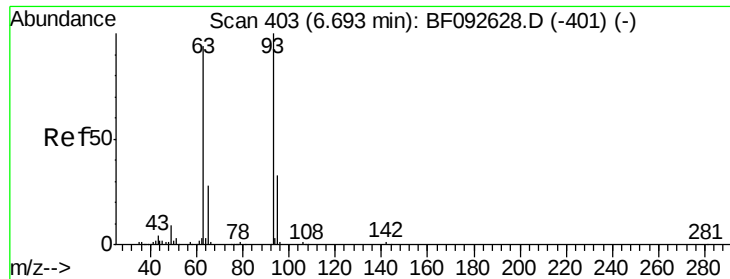
Ion Ratio Lower Upper

94 100

65 33.7 21.4 61.4

66 48.8 44.0 84.0

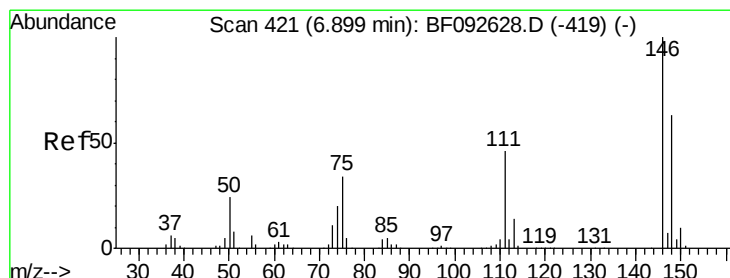
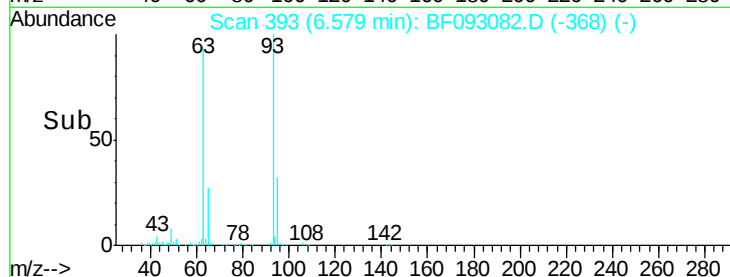
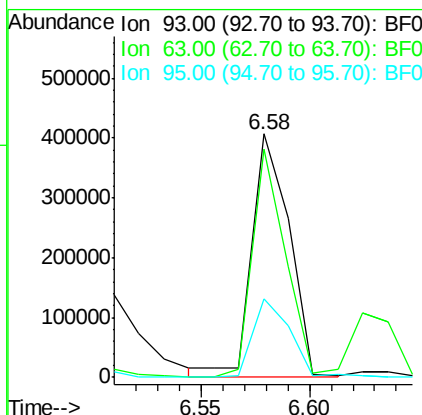
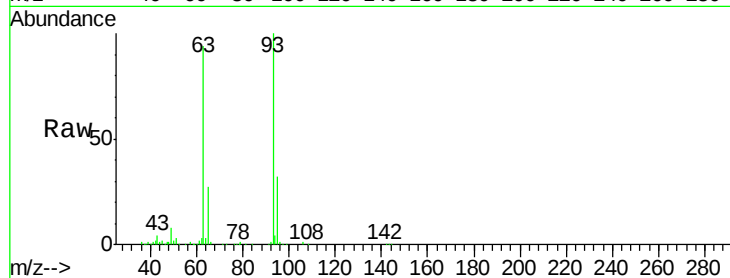




#11
bis(2-Chloroethyl)ether
Concen: 44.98 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

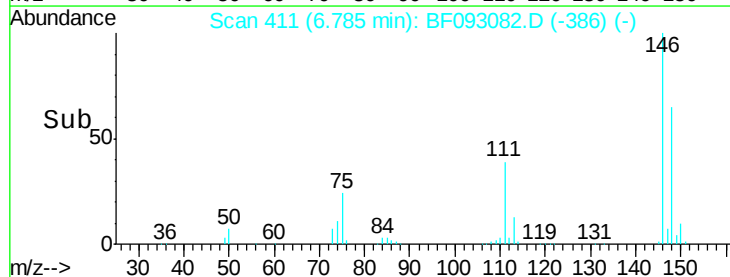
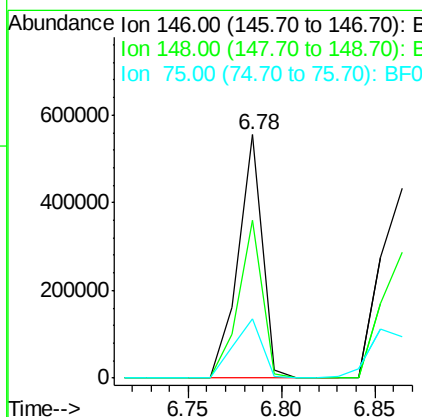
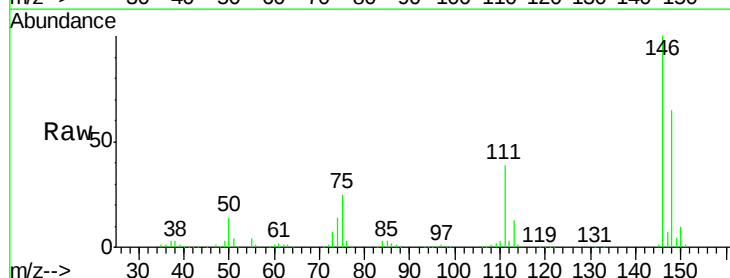
Instrument :
BNA_F
ClientSampleId :
B1-1MSD

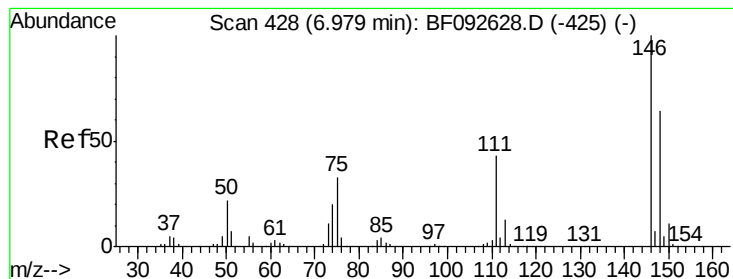
Tgt Ion: 93 Resp: 487647
Ion Ratio Lower Upper
93 100
63 93.6 60.4 100.4
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.39 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion: 146 Resp: 505906
Ion Ratio Lower Upper
146 100
148 64.6 53.4 80.0
75 24.6 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 42.87 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.09 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

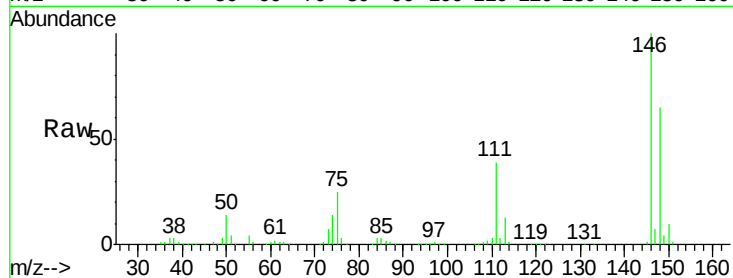
Tgt Ion:146 Resp: 505906

Ion Ratio Lower Upper

146 100

148 64.6 50.6 76.0

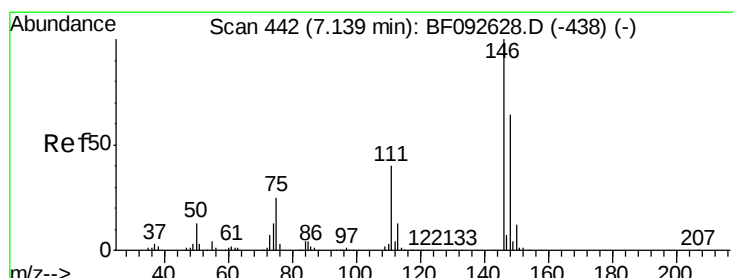
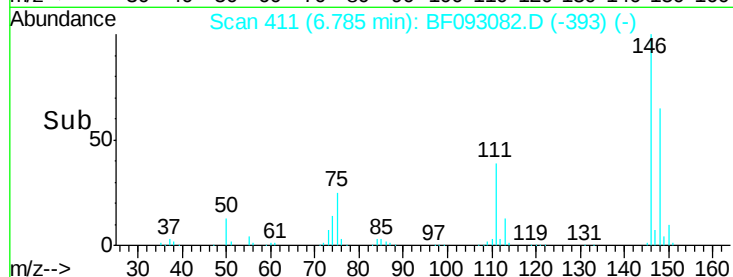
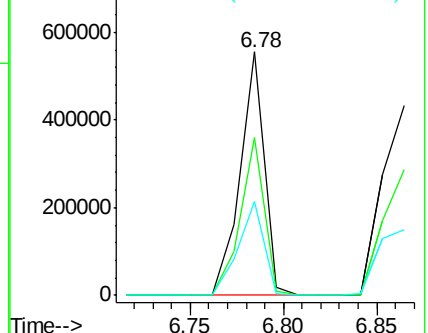
111 38.6 36.2 54.4



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: 41.46 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

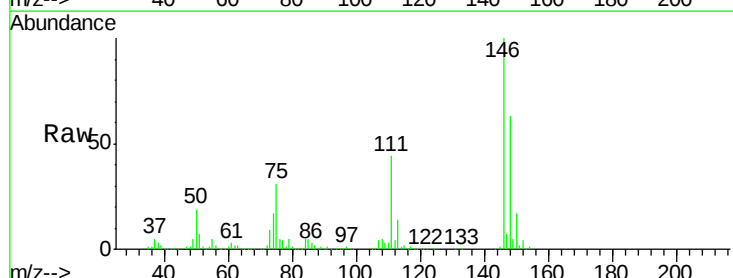
Tgt Ion:146 Resp: 467851

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

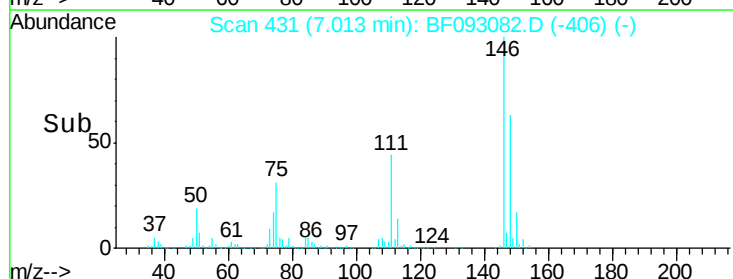
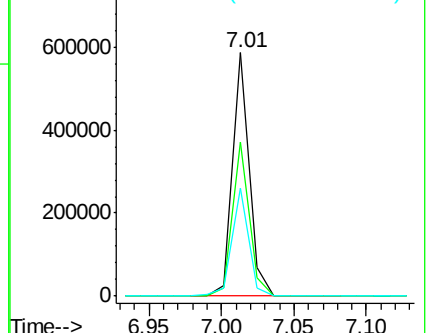
111 44.3 36.2 54.2

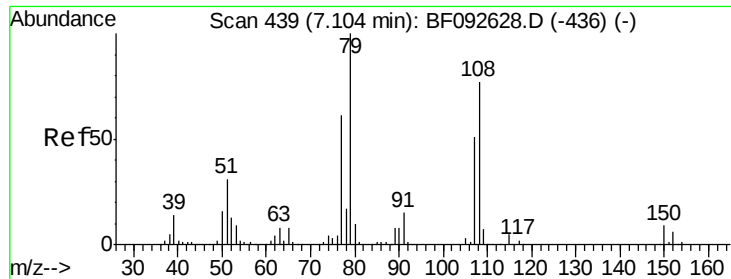


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

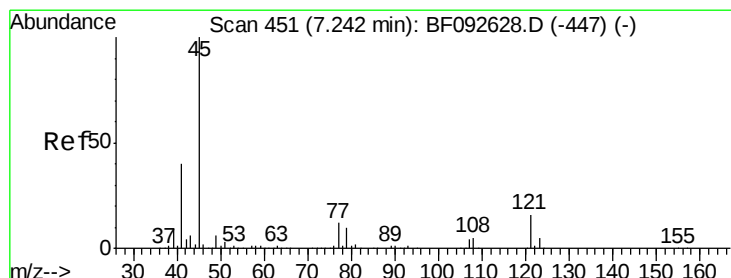
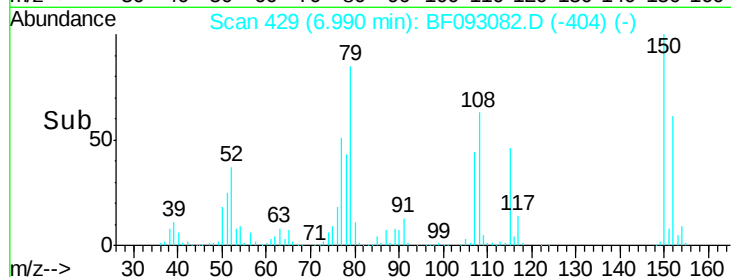
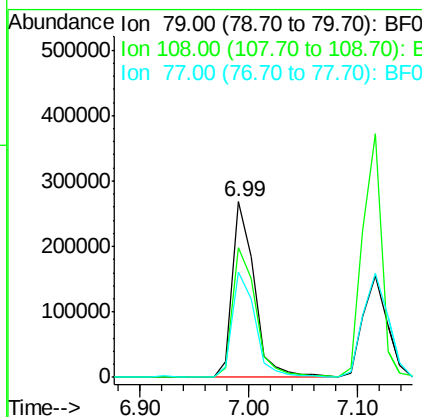
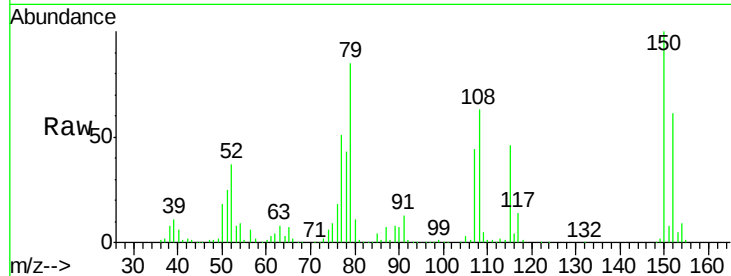




#15
Benzyl Alcohol
Concen: 43.62 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

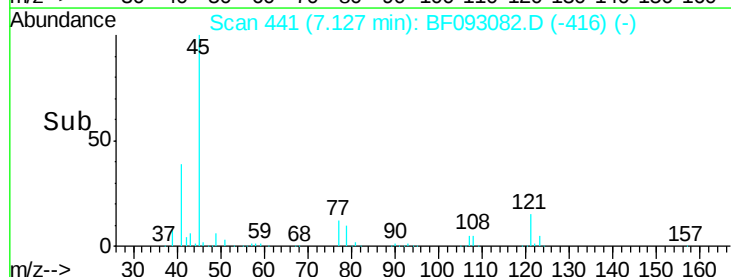
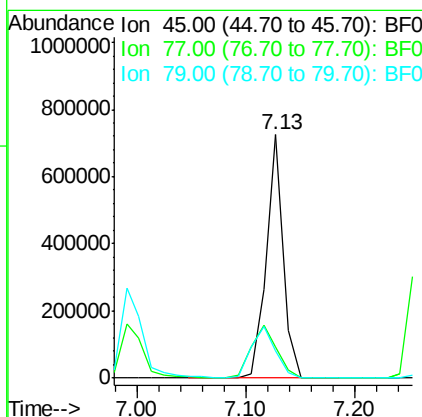
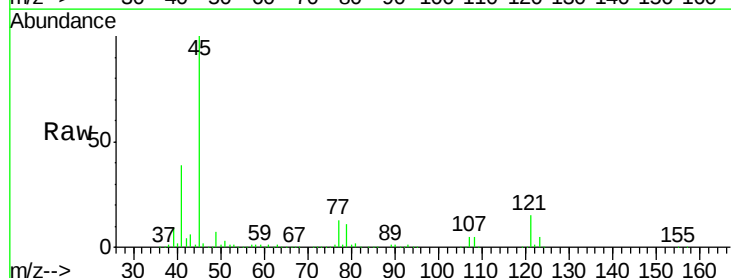
Instrument :
BNA_F
ClientSampleId :
B1-1MSD

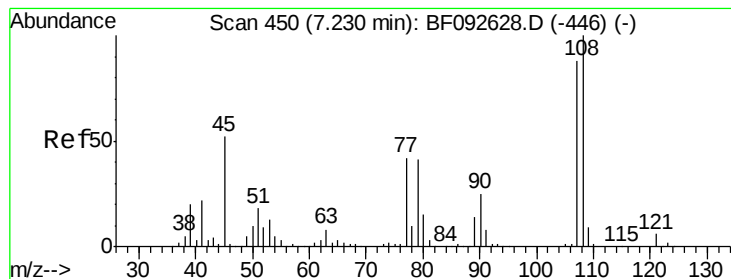
Tgt Ion: 79 Resp: 374895
Ion Ratio Lower Upper
79 100
108 73.9 61.4 92.0
77 59.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.98 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion: 45 Resp: 790763
Ion Ratio Lower Upper
45 100
77 12.8 0.0 34.6
79 11.0 0.0 31.2





#17

2-Methylphenol

Concen: 47.07 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

Tgt Ion:107 Resp: 401912

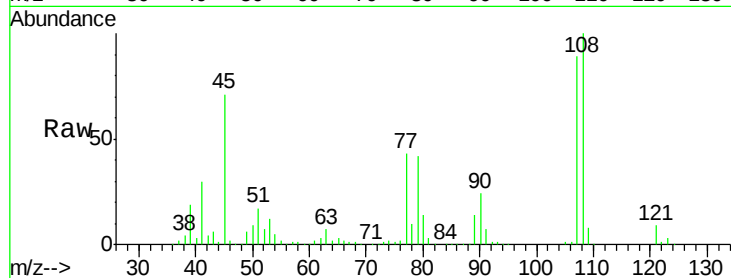
Ion Ratio Lower Upper

107 100

108 112.2 93.0 139.6

77 48.1 39.8 59.8

79 46.8 38.0 57.0

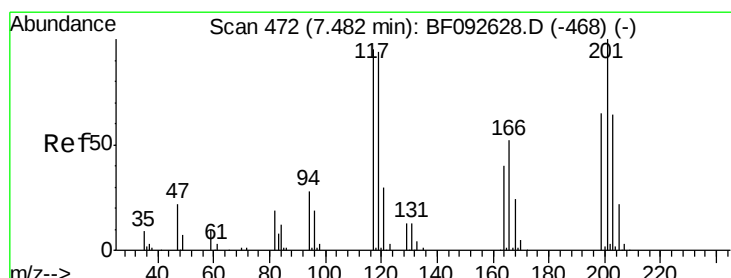
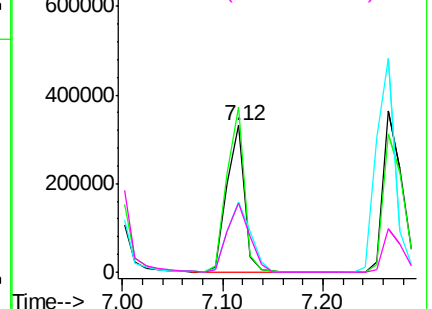
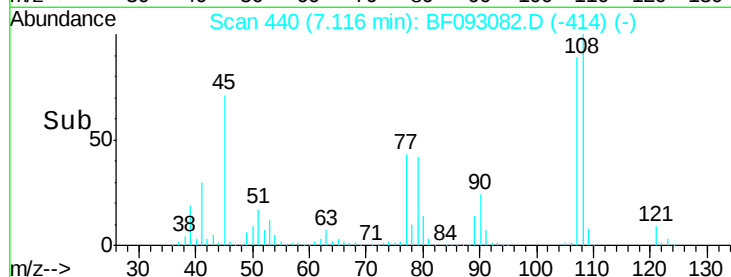


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.76 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

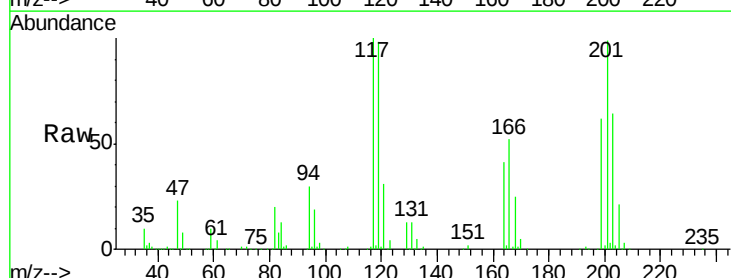
Tgt Ion:117 Resp: 168203

Ion Ratio Lower Upper

117 100

119 97.9 78.1 117.1

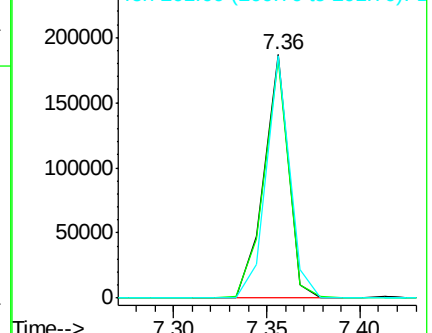
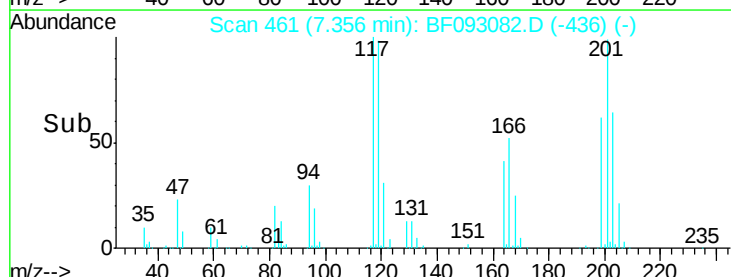
201 99.3 78.6 117.8

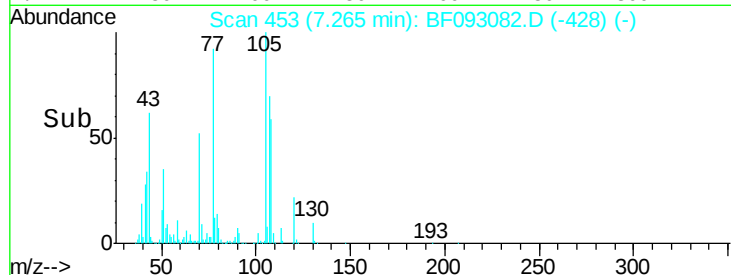
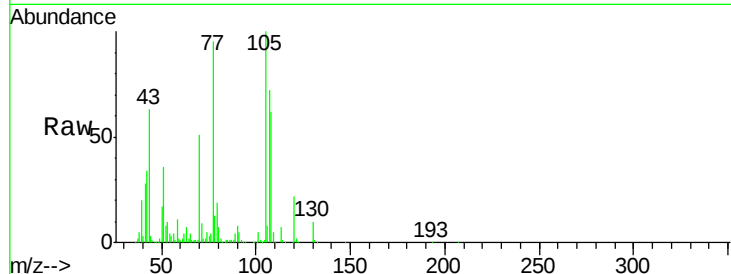
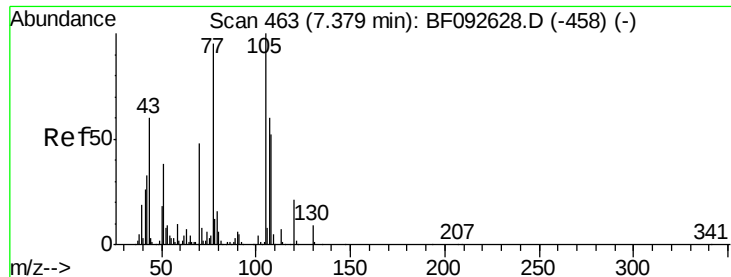


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

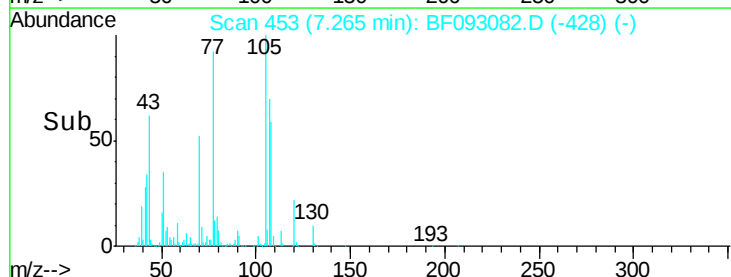
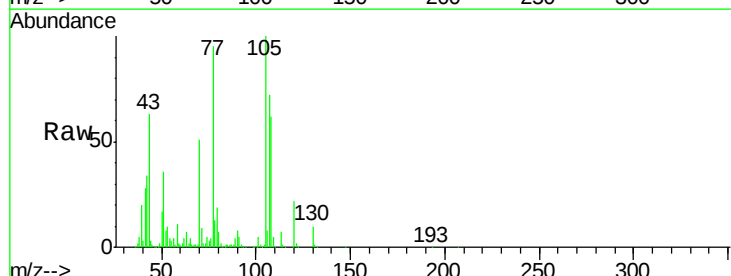
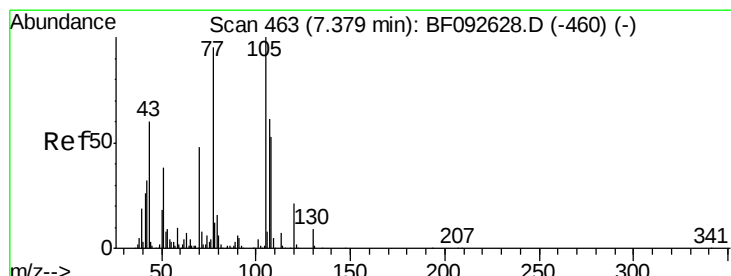
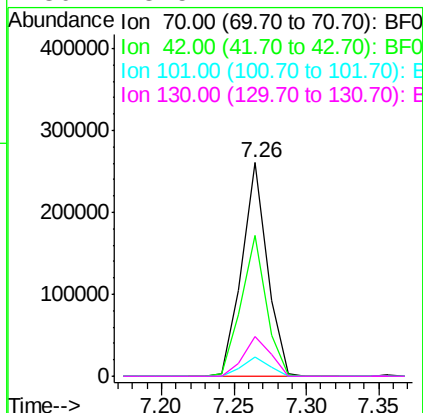




#19
n-Nitroso-di-n-propylamine
Concen: 43.24 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

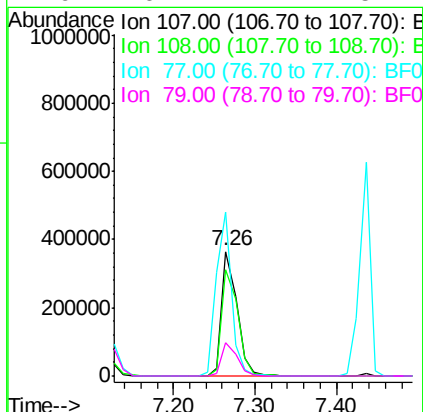
Instrument :
BNA_F
ClientSampleId :
B1-1MSD

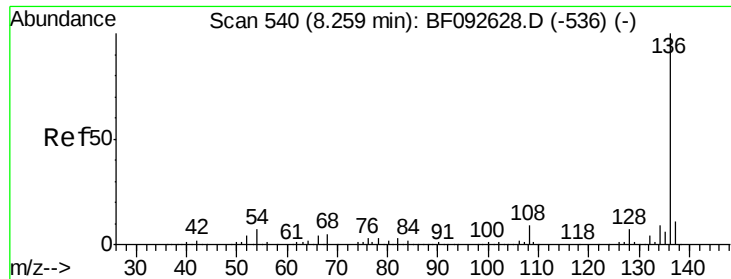
Tgt Ion:	70	Resp:	319521
Ion	Ratio	Lower	Upper
70	100		
42	65.8	49.4	74.0
101	8.7	7.4	11.2
130	18.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.44 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion:	107	Resp:	474149
Ion	Ratio	Lower	Upper
107	100		
108	85.3	73.0	113.0
77	132.0	71.3	111.3#
79	26.7	11.1	51.1

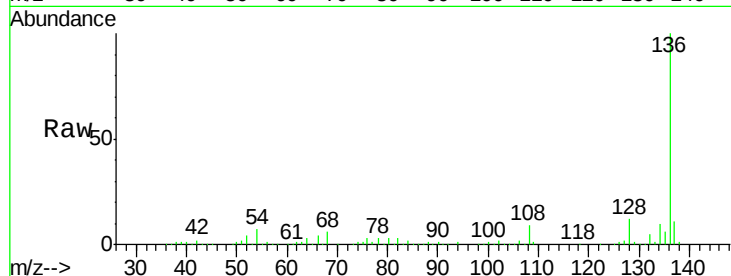




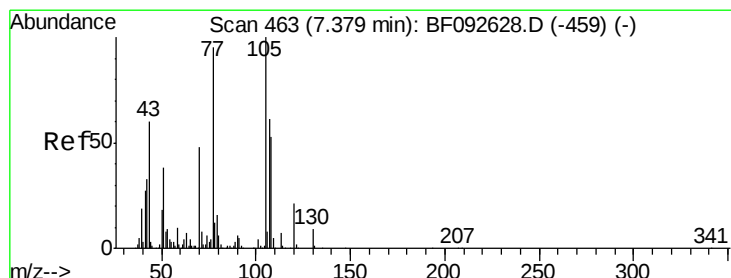
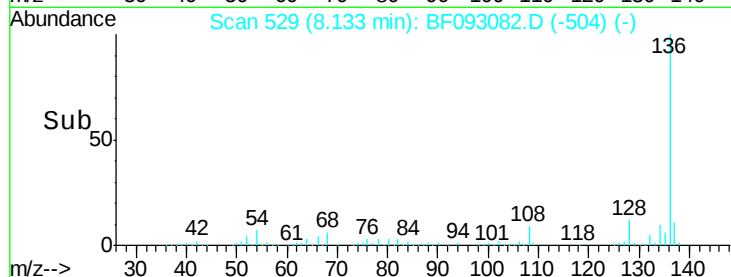
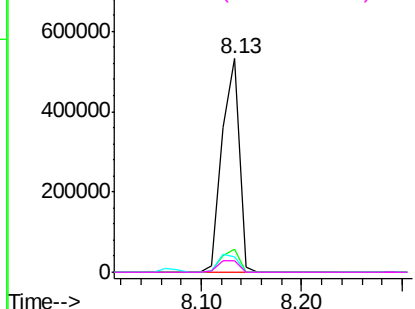
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Instrument :
BNA_F
ClientSampleId :
B1-1MSD

Tgt Ion:	136	Resp:	632523
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.4	12.6
54	7.2	4.5	6.7#
68	5.6	3.6	5.4#

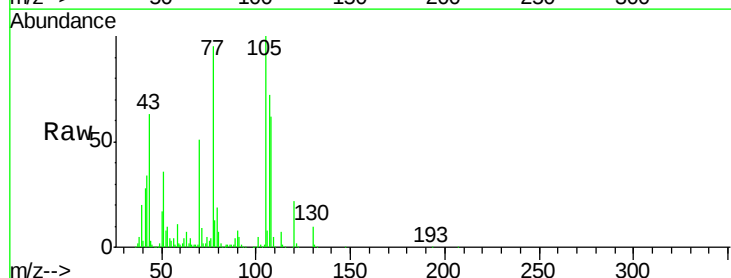


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

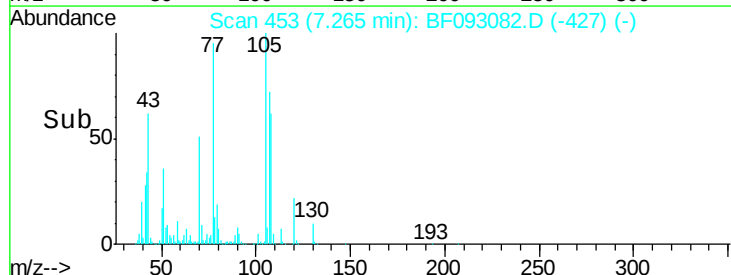
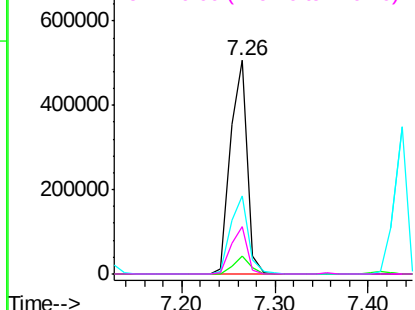


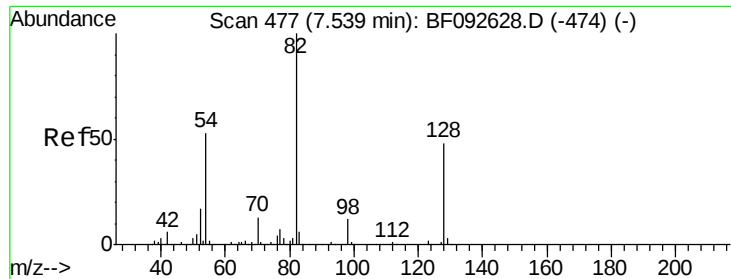
#22
Acetophenone
Concen: 43.86 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion:	105	Resp:	633351
Ion Ratio	Lower	Upper	
105	100		
71	8.7	3.2	4.8#
51	36.3	26.2	39.4
120	22.2	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

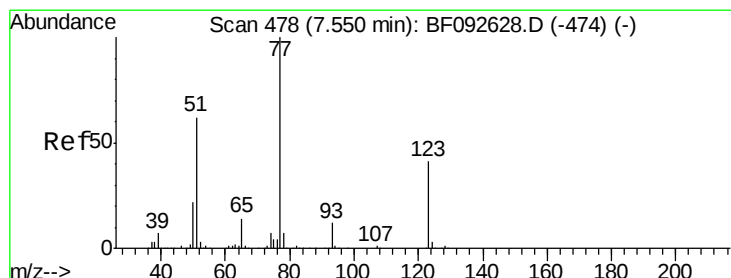
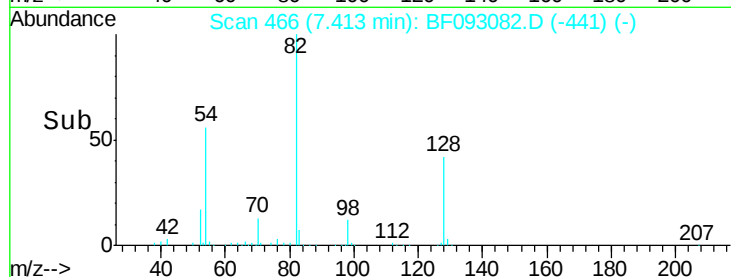
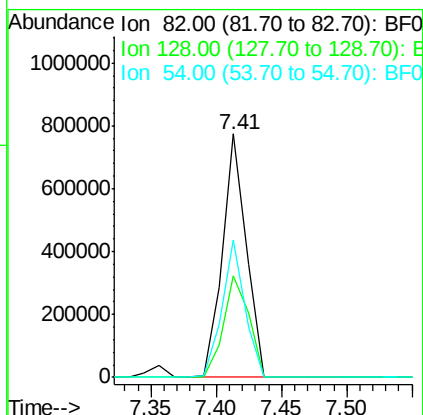
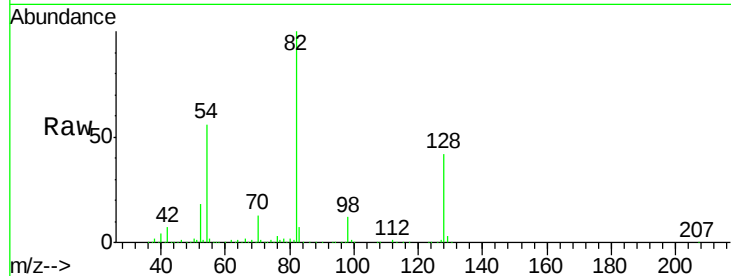




#23
 Nitrobenzene-d5
 Concen: 86.30 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

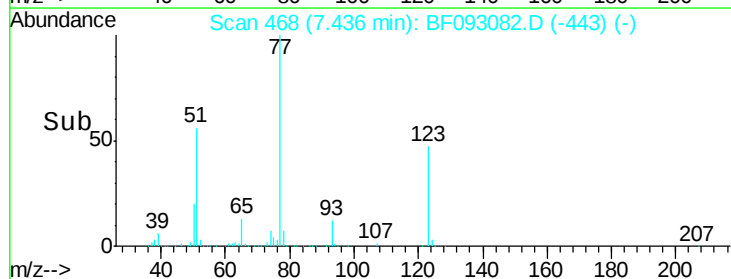
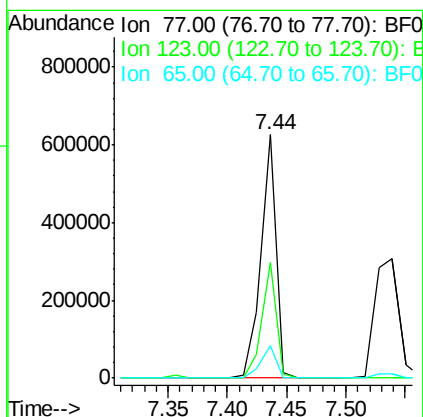
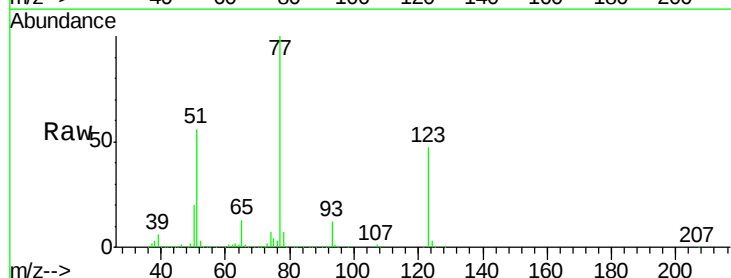
Instrument :
 BNA_F
 ClientSampleId :
 B1-1MSD

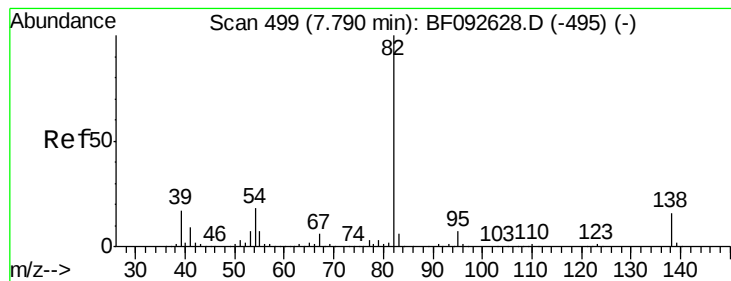
Tgt Ion: 82 Resp: 980225
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 52.0
 54 56.4 39.5 59.3



#24
 Nitrobenzene
 Concen: 48.27 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion: 77 Resp: 562965
 Ion Ratio Lower Upper
 77 100
 123 47.2 33.0 49.4
 65 13.5 11.2 16.8





#25

Isophorone

Concen: 46.67 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

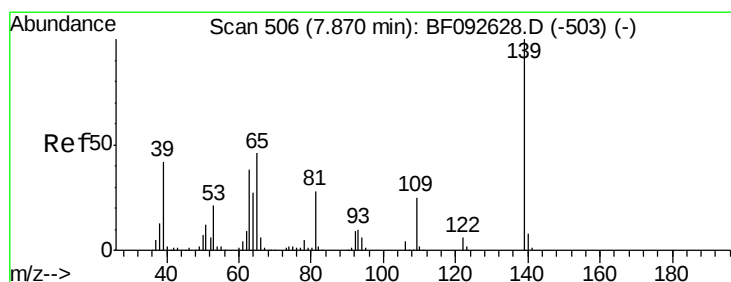
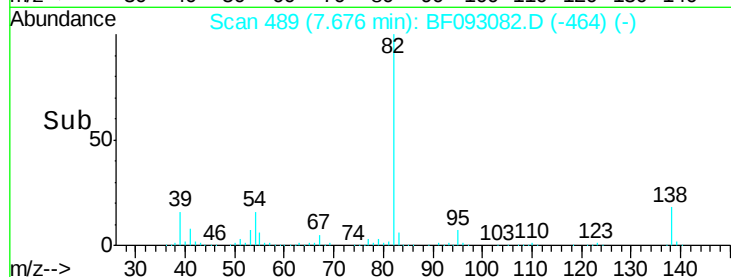
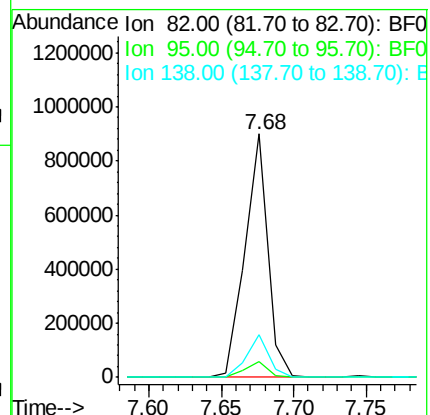
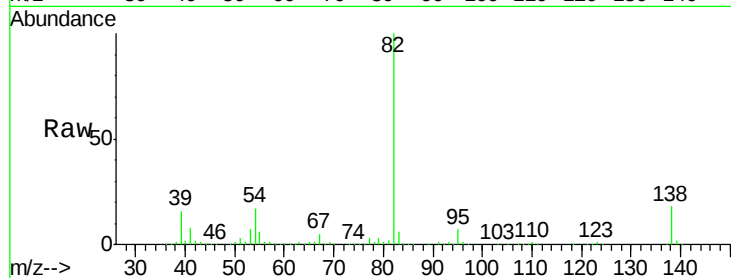
Tgt Ion: 82 Resp: 987778

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 17.8 14.6 22.0



#26

2-Nitrophenol

Concen: 46.39 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

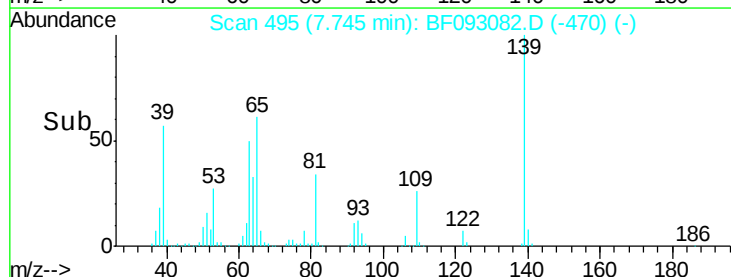
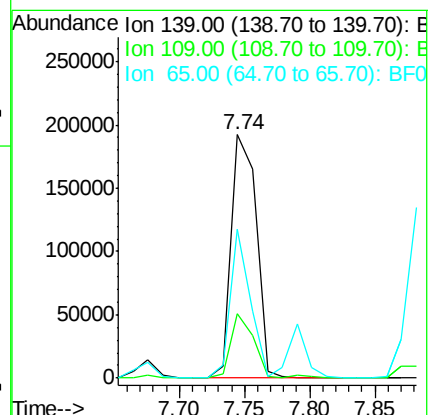
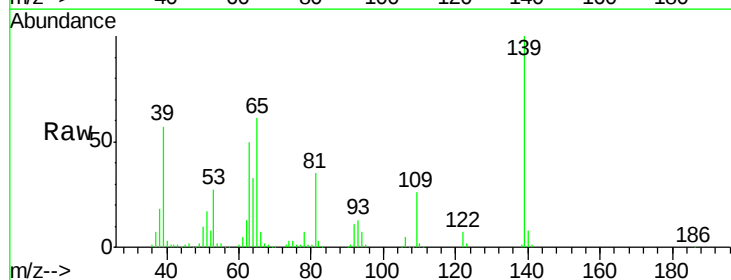
Tgt Ion: 139 Resp: 257179

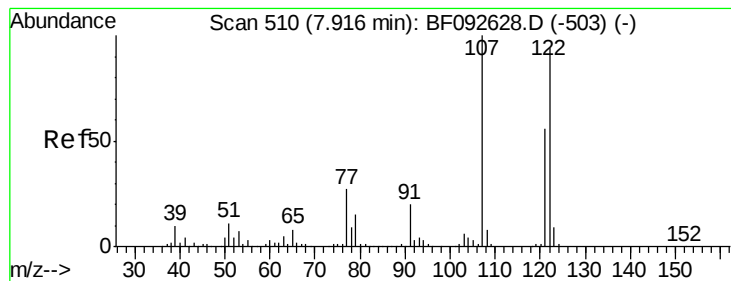
Ion Ratio Lower Upper

139 100

109 26.5 23.3 34.9

65 61.4 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 43.27 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

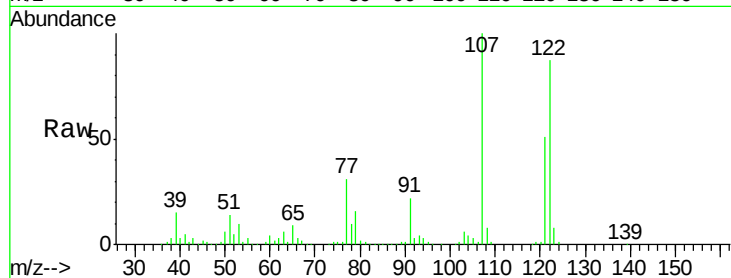
Tgt Ion:122 Resp: 421340

Ion Ratio Lower Upper

122 100

107 115.4 94.1 141.1

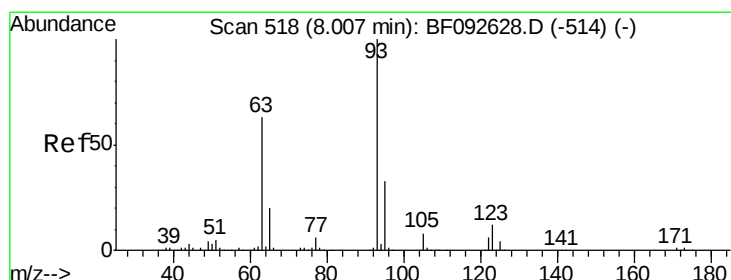
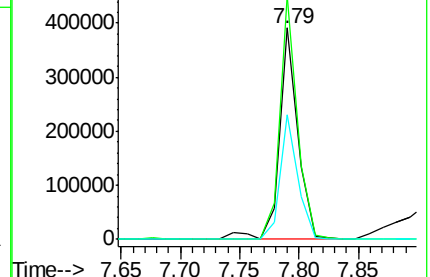
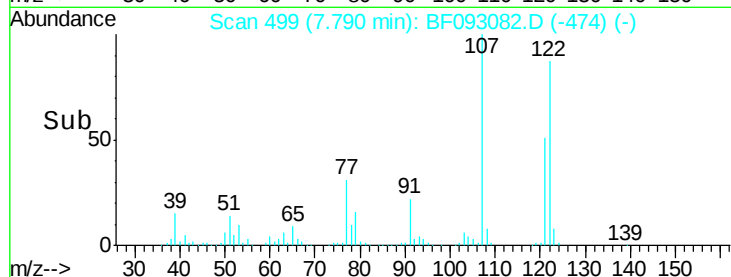
121 58.8 46.0 69.0



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: 41.54 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

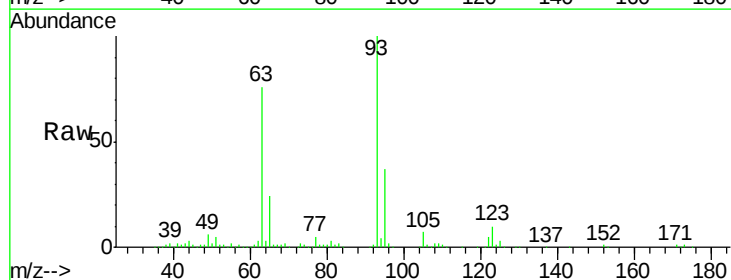
Tgt Ion: 93 Resp: 582245

Ion Ratio Lower Upper

93 100

95 37.2 26.5 39.7

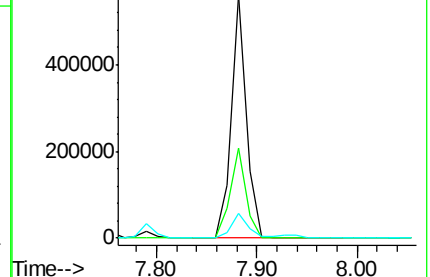
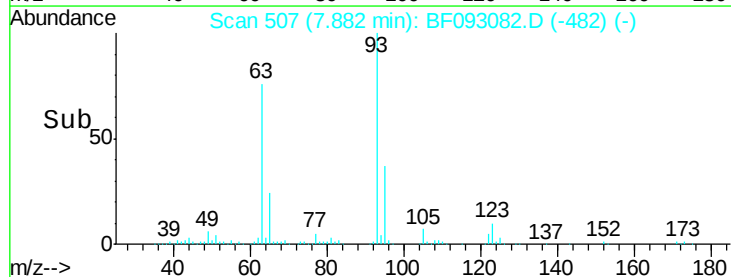
123 10.1 8.6 13.0

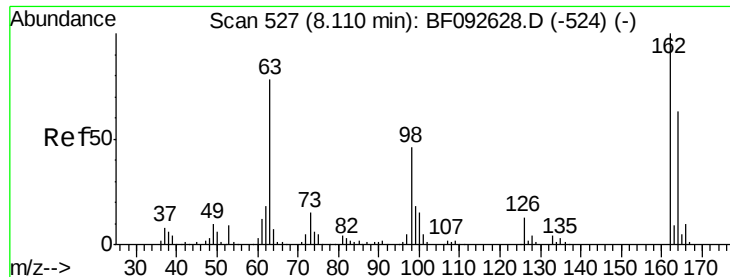


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

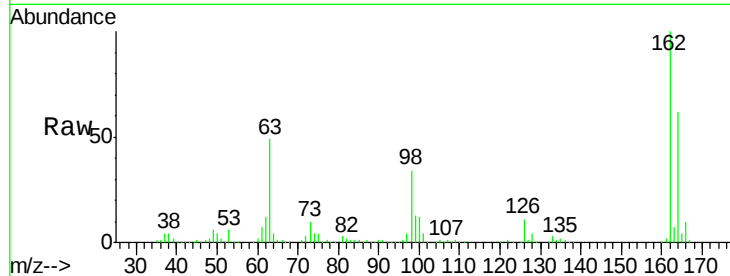




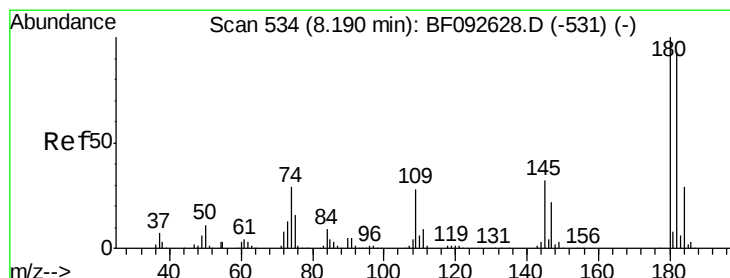
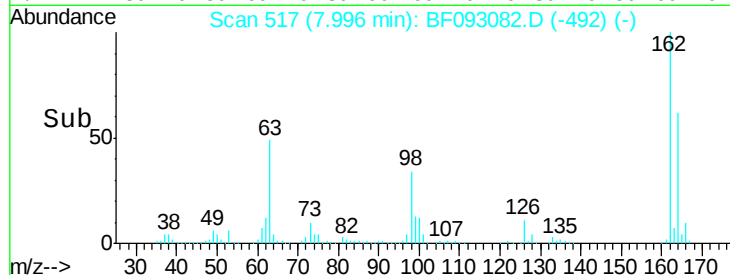
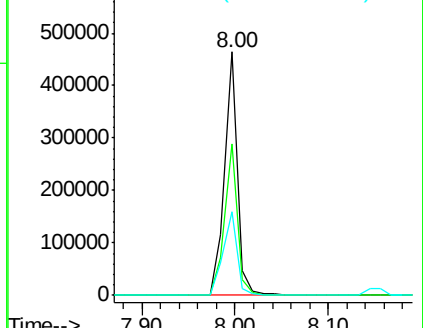
#29
 2,4-Dichlorophenol
 Concen: 48.51 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.8	86.8
98	34.5	9.1	49.1

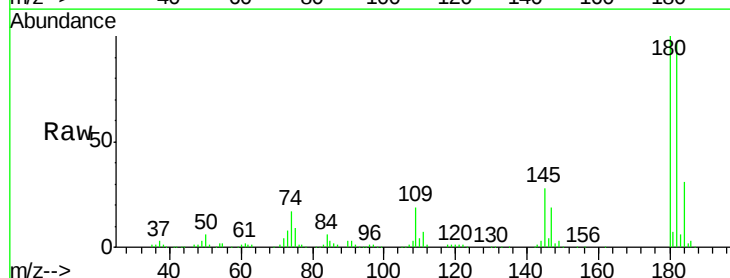


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

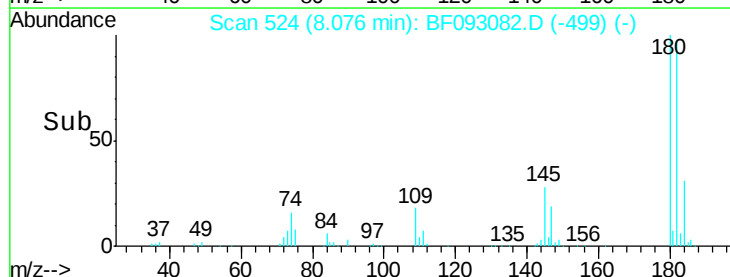
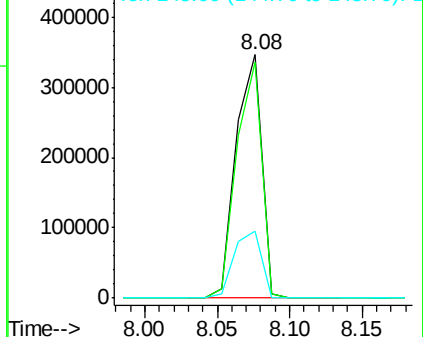


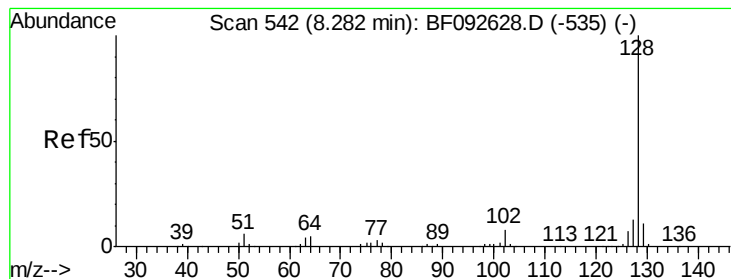
#30
 1,2,4-Trichlorobenzene
 Concen: 43.56 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.2	117.4
145	27.5	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: 41.87 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

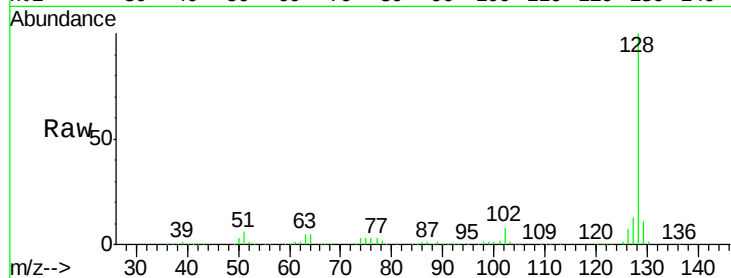
Tgt Ion:128 Resp: 1342598

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

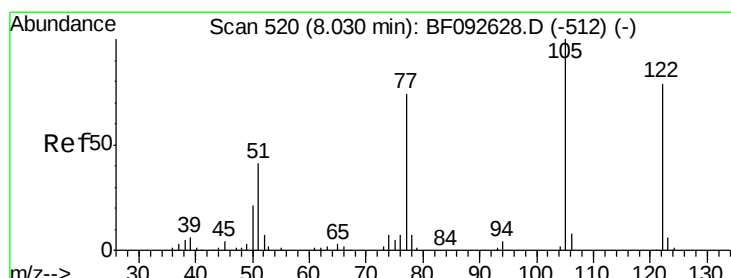
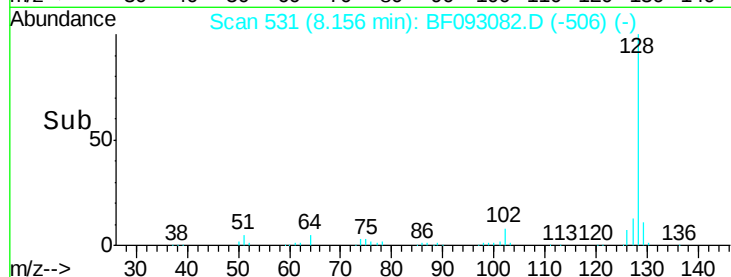
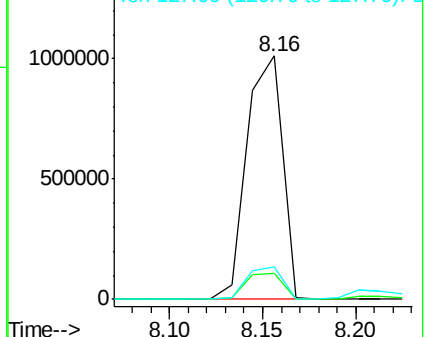
127 13.3 10.8 16.2



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: 54.73 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

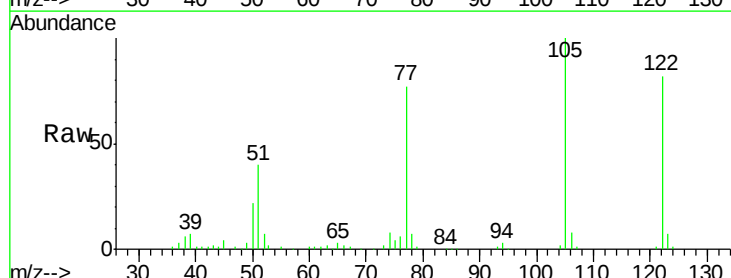
Tgt Ion:122 Resp: 308463

Ion Ratio Lower Upper

122 100

105 121.5 107.2 147.2

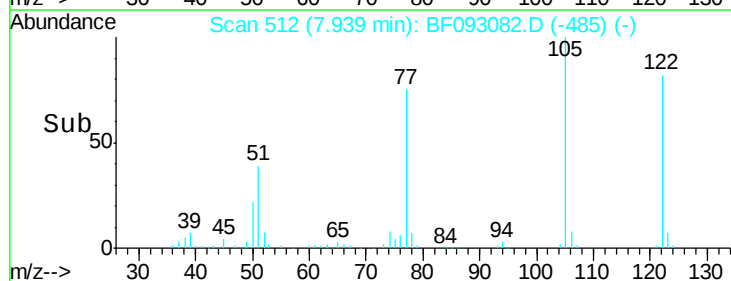
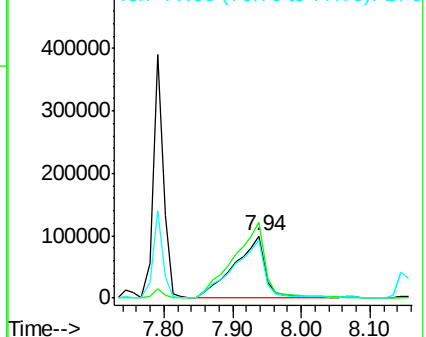
77 93.4 74.5 114.5

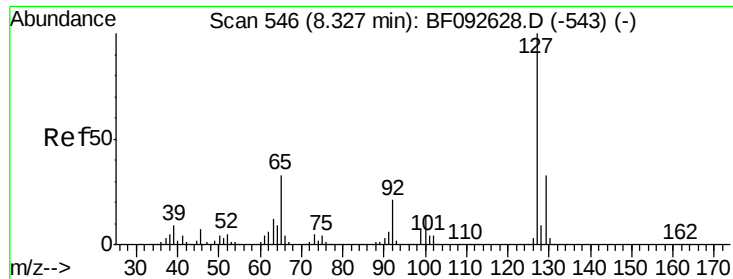


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

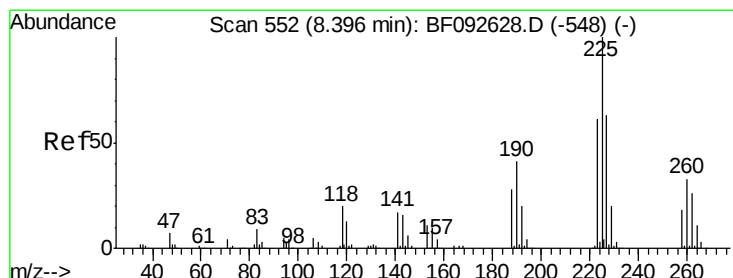
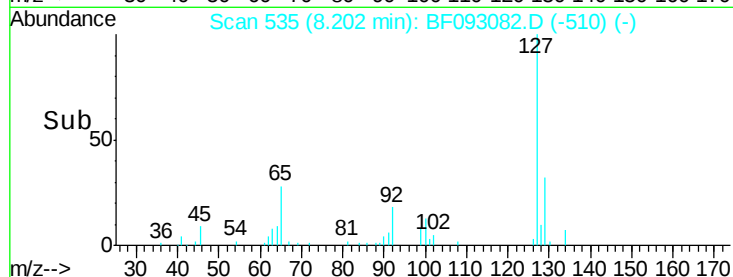
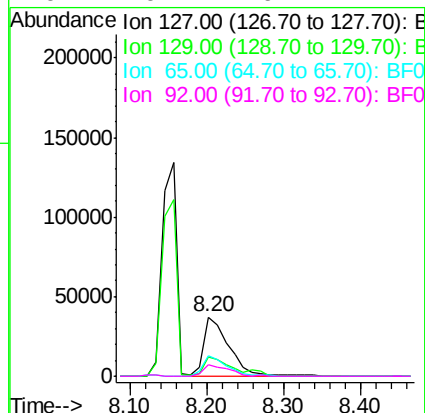
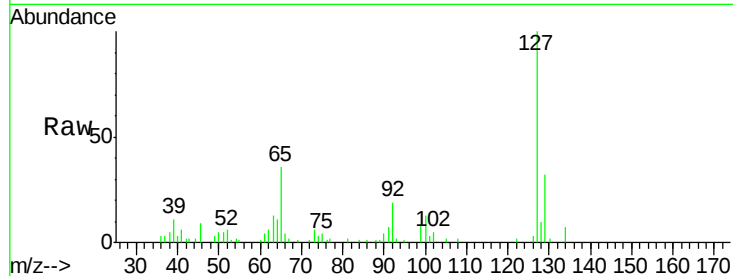




#33
 4-Chloroaniline
 Concen: 6.76 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

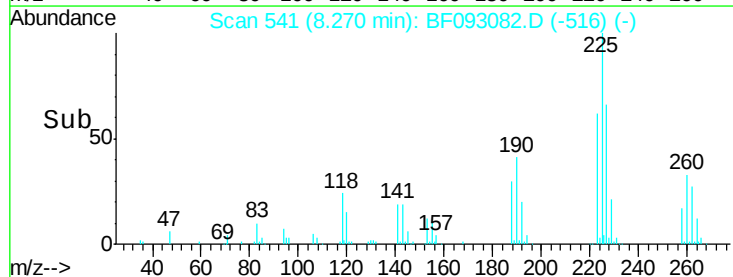
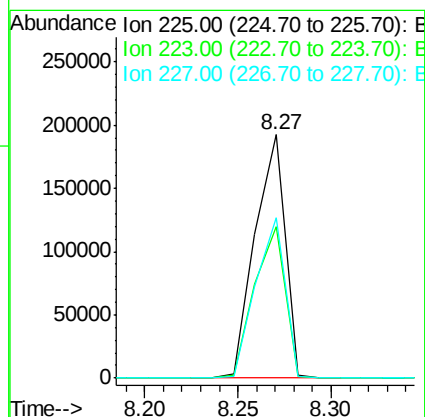
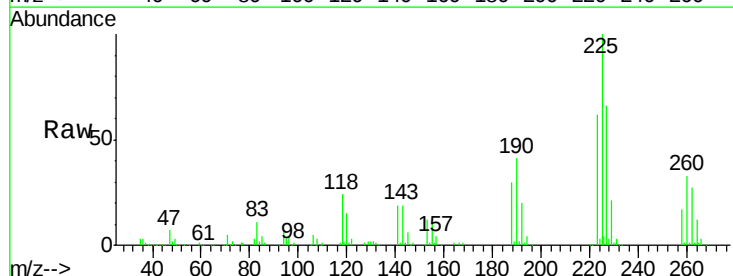
Instrument :
 BNA_F
 ClientSampleId :
 B1-1MSD

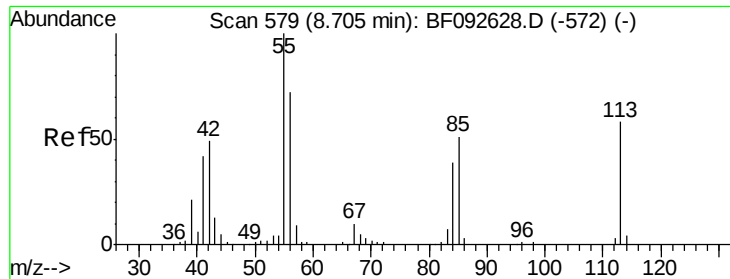
Tgt Ion:	127	Resp:	84944
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	35.5	25.8	38.8
92	19.1	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 39.72 ng
 RT: 8.27 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion:	225	Resp:	213838
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	65.7	50.6	76.0

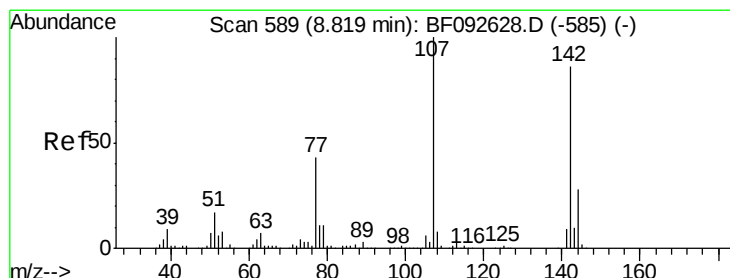
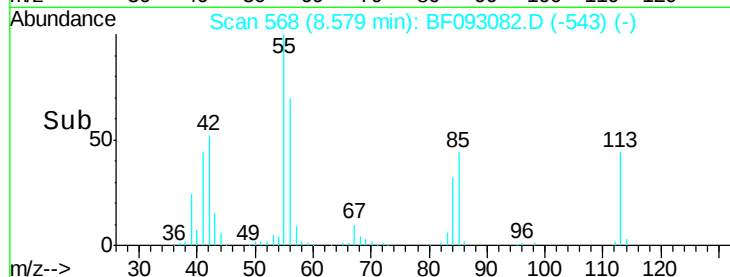
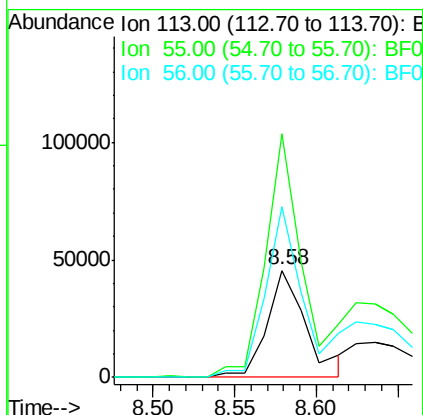
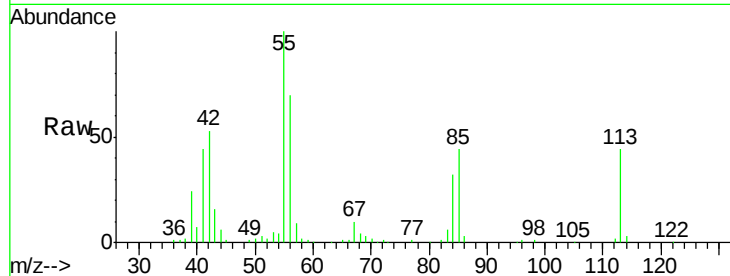




#35
 Caprolactam
 Concen: 26.61 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

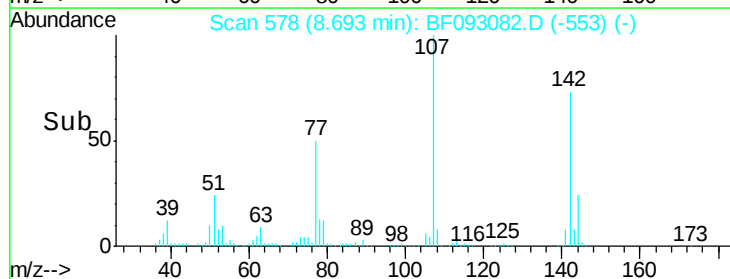
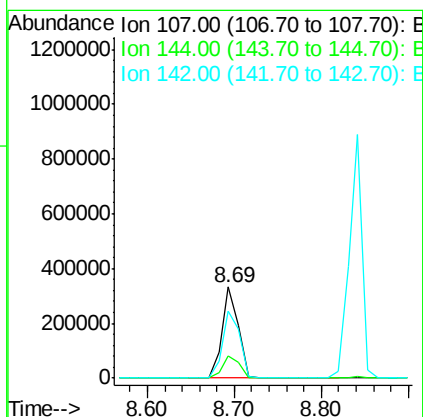
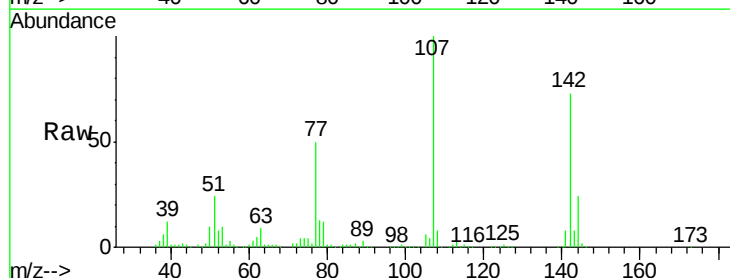
Instrument :
 BNA_F
 ClientSampleId :
 B1-1MSD

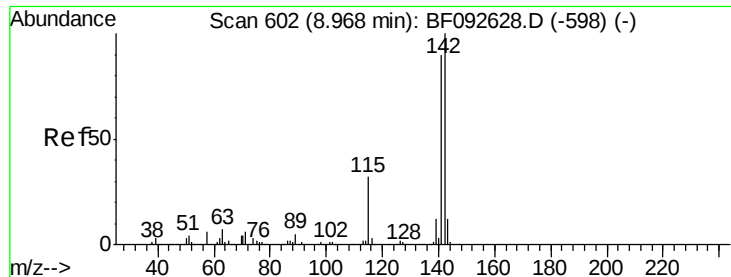
Tgt Ion:113 Resp: 76021
 Ion Ratio Lower Upper
 113 100
 55 226.9 119.2 159.2#
 56 159.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 46.41 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion:107 Resp: 439432
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 73.4 59.0 88.6

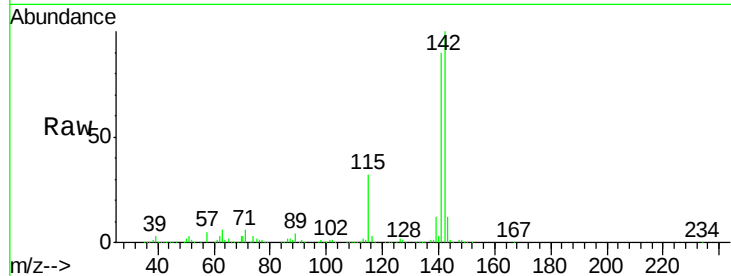




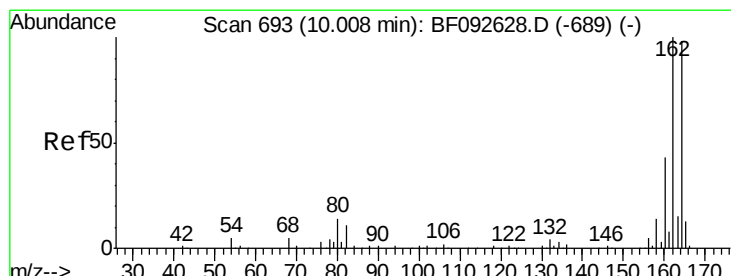
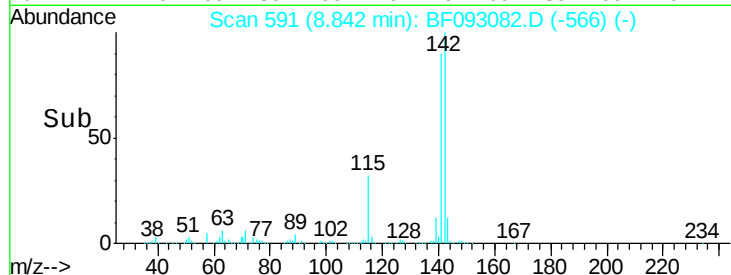
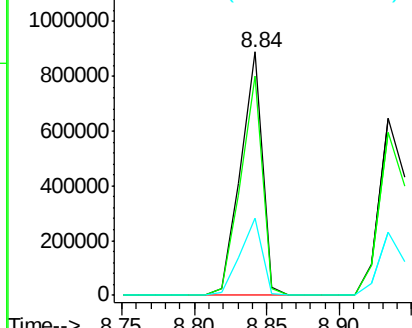
#37
 2-Methylnaphthalene
 Concen: 45.13 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MSD

Tgt Ion:142 Resp: 929173
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 31.5 28.3 42.5

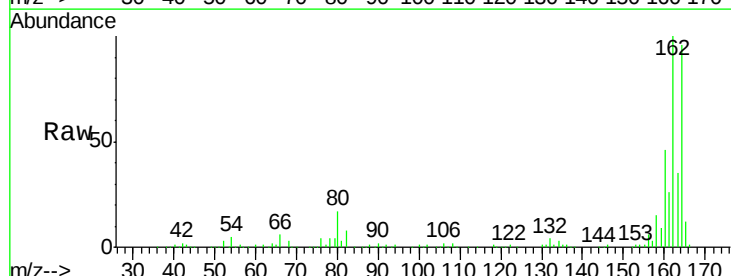


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

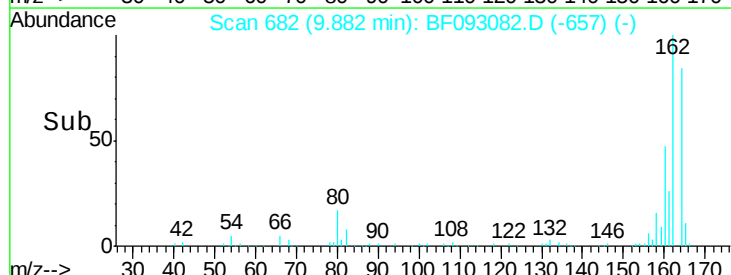
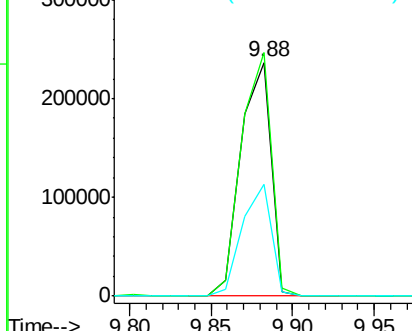


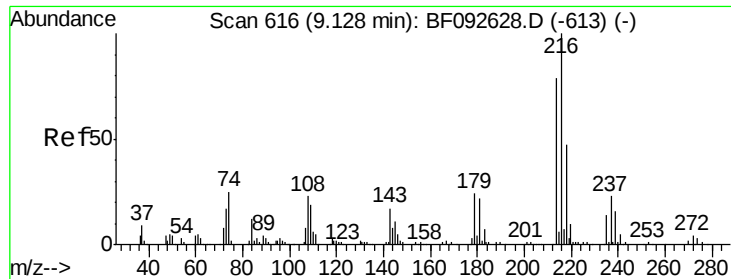
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion:164 Resp: 302706
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.2 120.2
 160 47.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

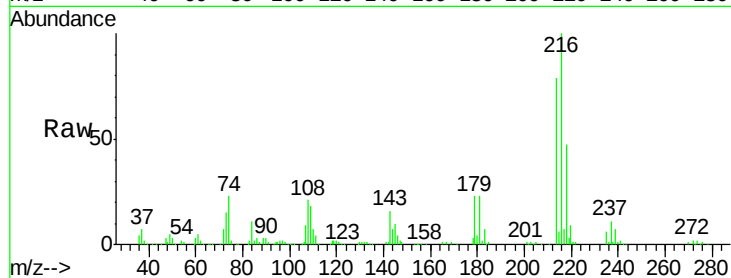




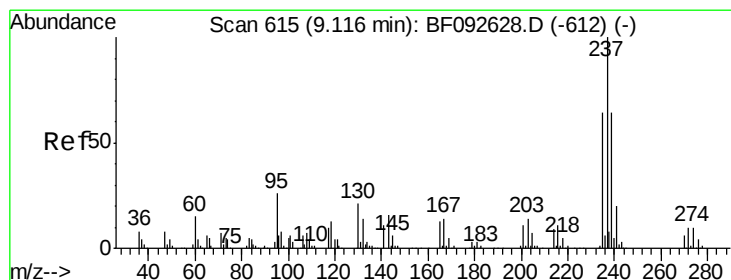
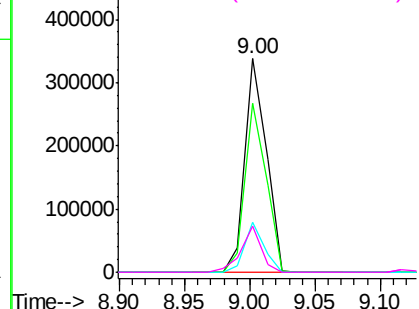
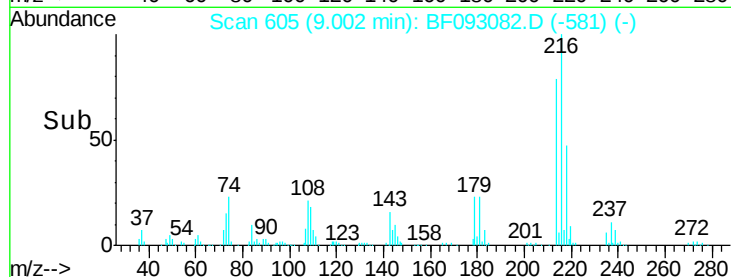
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.11 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MSD

Tgt Ion:	216	Resp:	383305
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.0
179	21.3	17.4	26.2
108	20.2	15.6	23.4

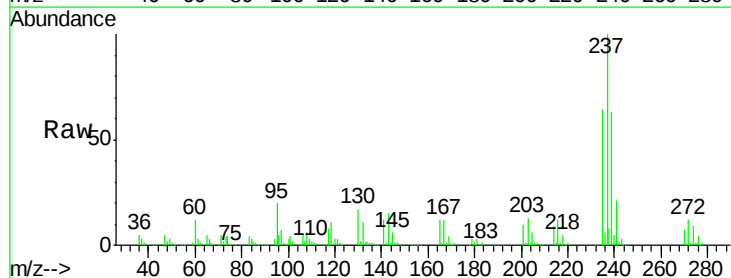


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

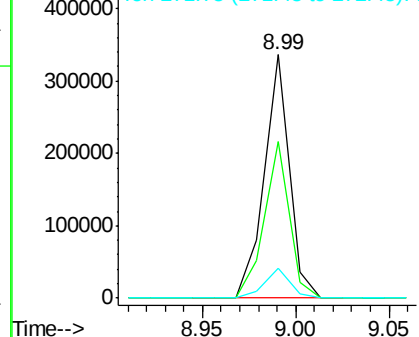
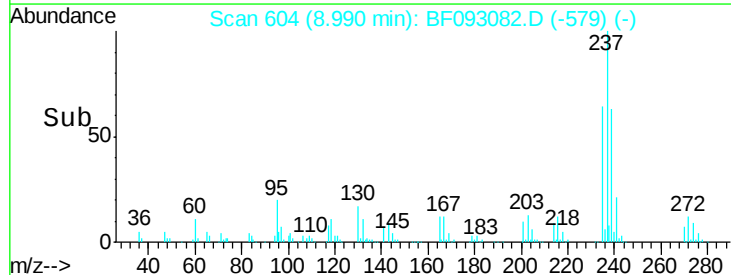


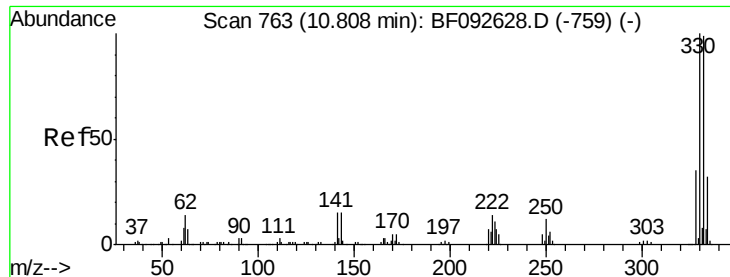
#40
 Hexachlorocyclopentadiene
 Concen: 81.26 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion:	237	Resp:	311523
Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.2	81.2
272	12.1	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

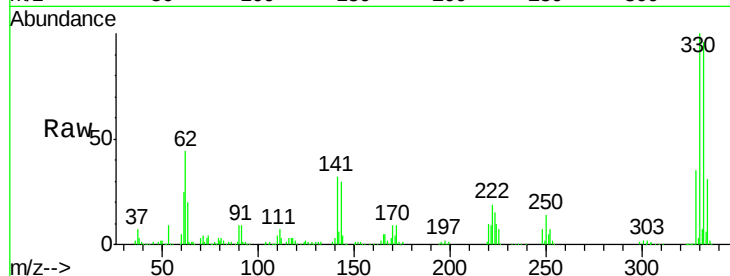




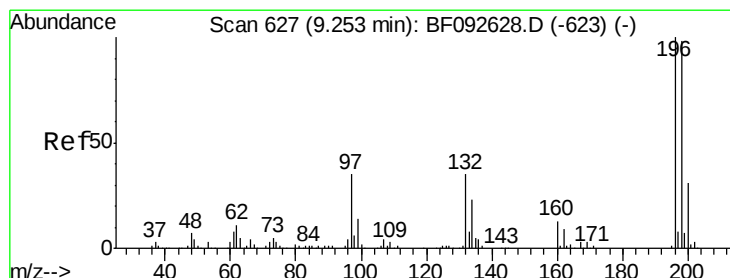
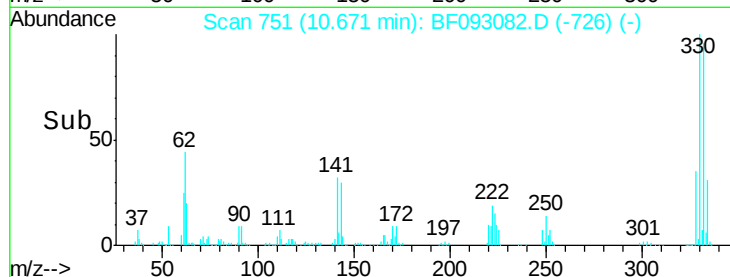
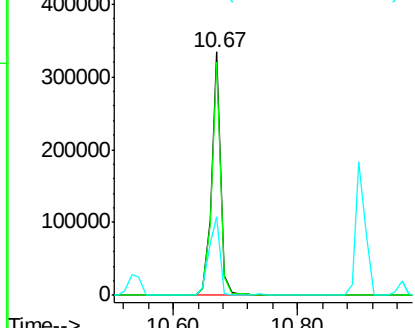
#41
 2,4,6-Tribromophenol
 Concen: 152.65 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 B1-1MSD

Tgt Ion:330 Resp: 334201
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 40.0 34.1 51.1

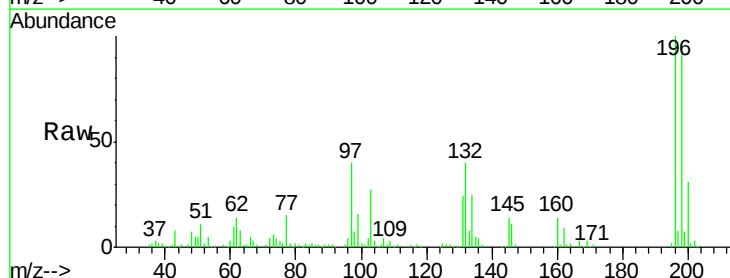


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

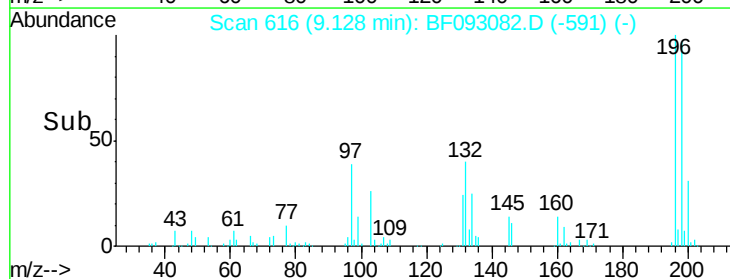
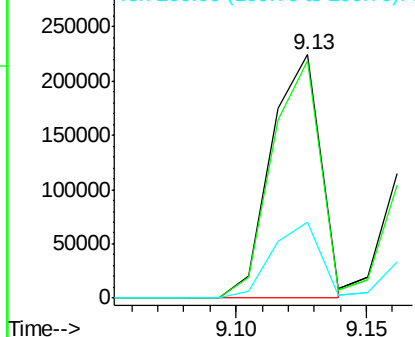


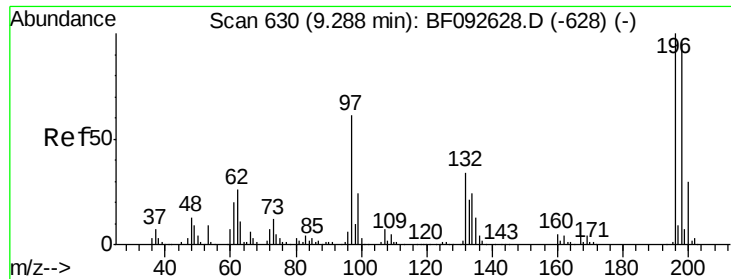
#42
 2,4,6-Trichlorophenol
 Concen: 52.63 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion:196 Resp: 293827
 Ion Ratio Lower Upper
 196 100
 198 97.2 82.1 123.1
 200 31.0 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

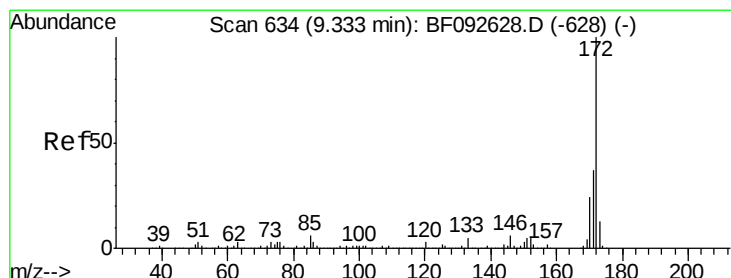
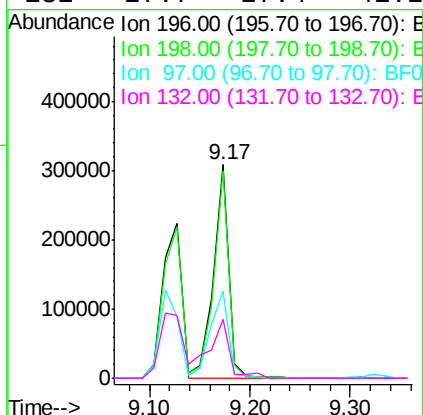
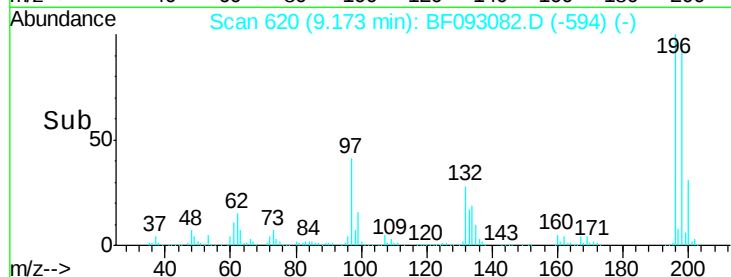
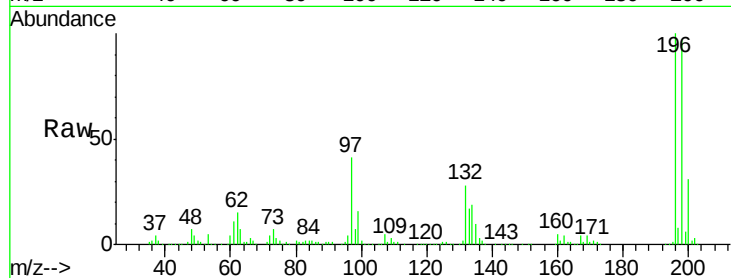




#43
 2,4,5-Trichlorophenol
 Concen: 52.29 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

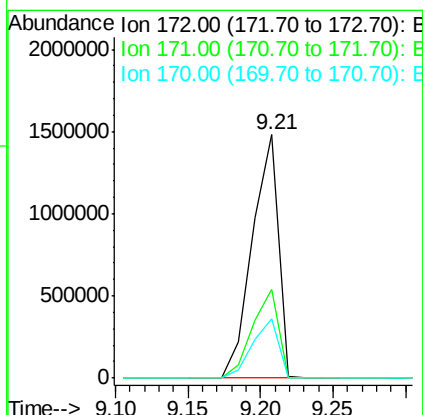
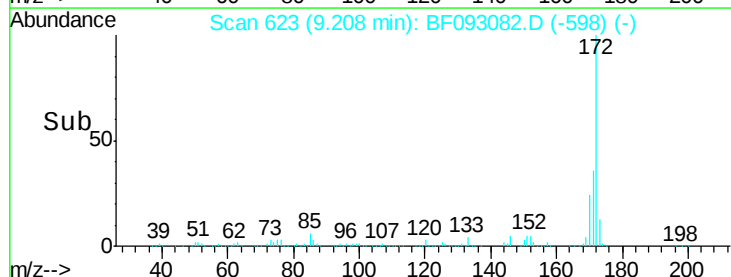
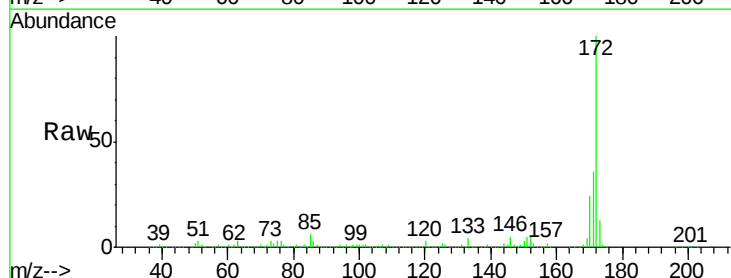
Instrument :
 BNA_F
 ClientSampleId :
 B1-1MSD

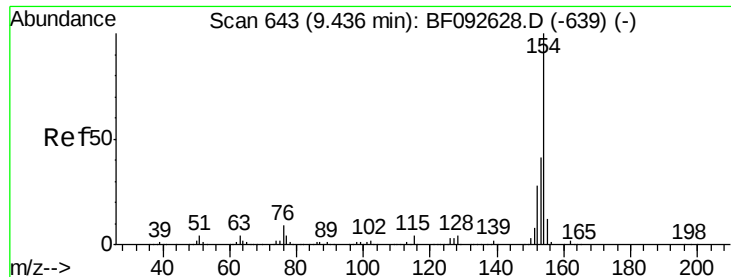
Tgt Ion:196 Resp: 319866
 Ion Ratio Lower Upper
 196 100
 198 97.1 79.4 119.2
 97 41.0 51.5 77.3#
 132 27.7 27.4 41.2



#44
 2-Fluorobiphenyl
 Concen: 110.75 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion:172 Resp: 1850525
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.4 20.2 30.4

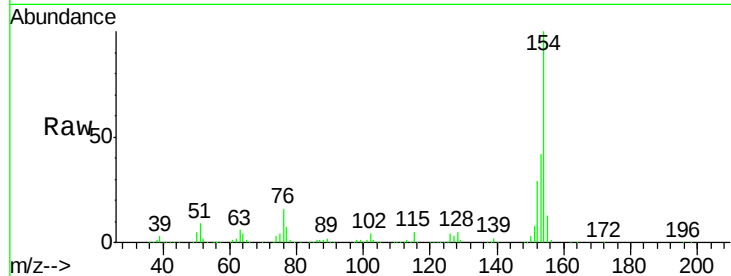




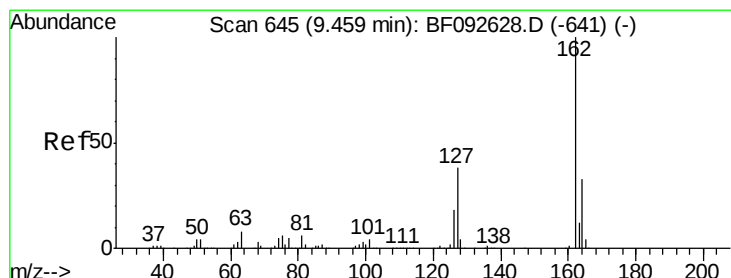
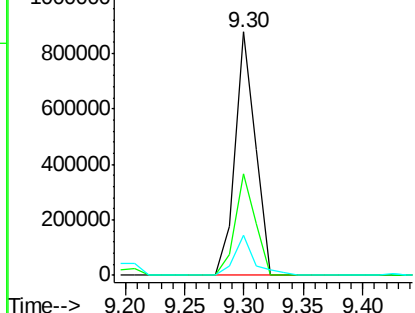
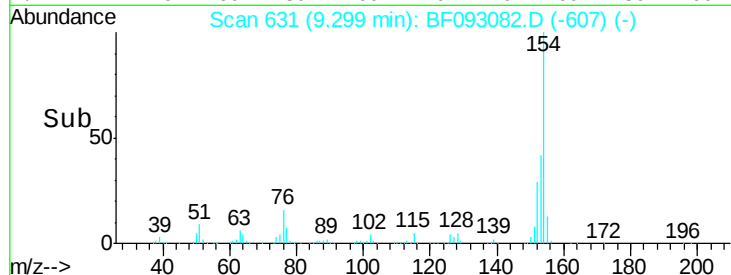
#45
 1,1'-Biphenyl
 Concen: 47.45 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Instrument :
 BNA_F
 ClientSampled :
 B1-1MSD

Tgt Ion:154 Resp: 1039974
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.9 60.9
 76 16.2 0.0 30.5

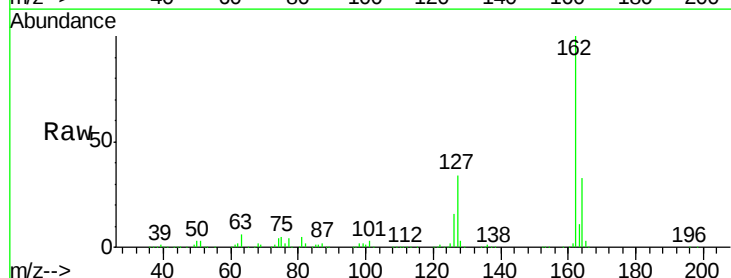


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

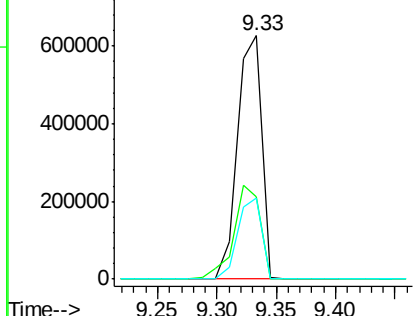
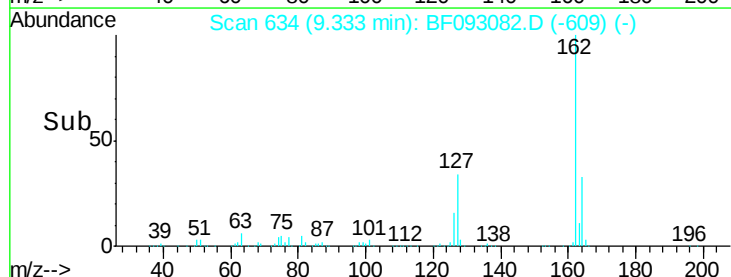


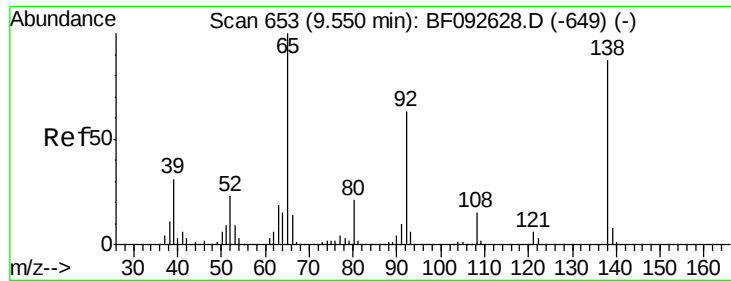
#46
 2-Chloronaphthalene
 Concen: 52.08 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion:162 Resp: 892977
 Ion Ratio Lower Upper
 162 100
 127 34.1 30.7 46.1
 164 33.1 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

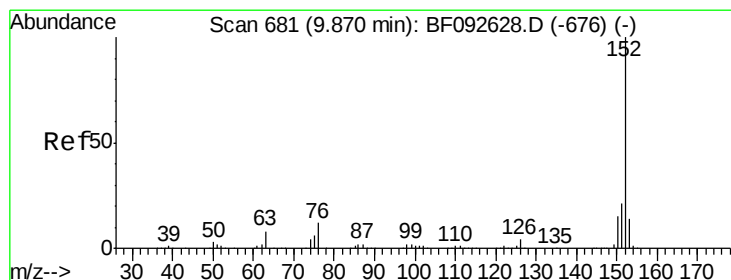
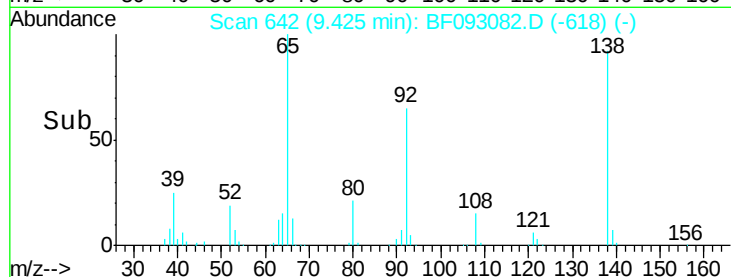
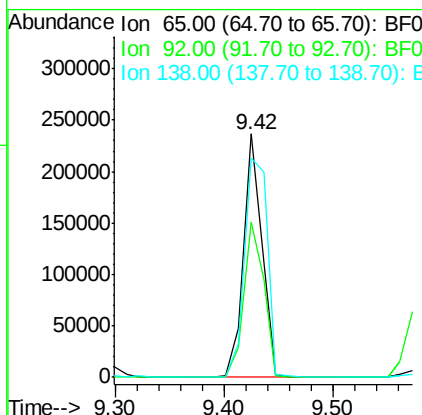
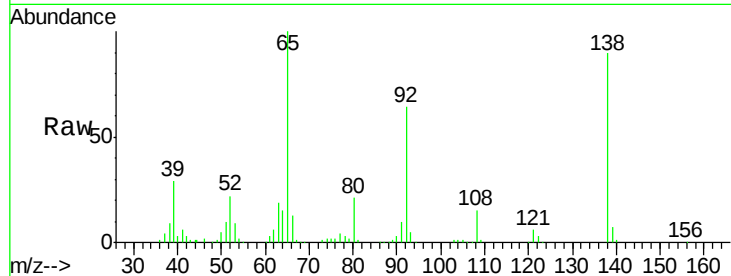




#47
2-Nitroaniline
Concen: 47.81 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

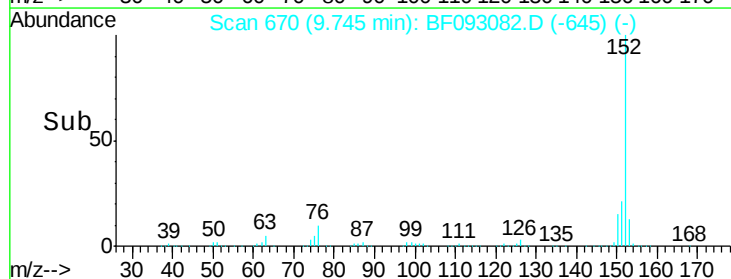
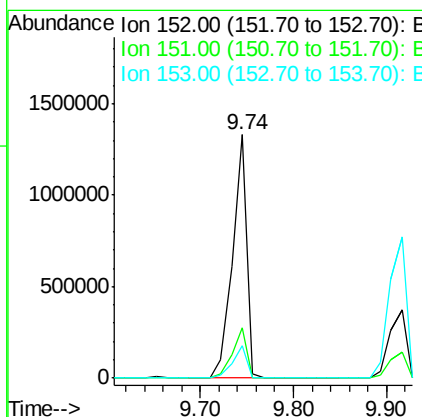
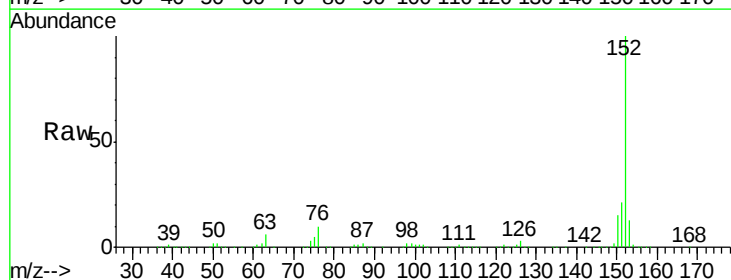
Instrument :
BNA_F
ClientSampleId :
B1-1MSD

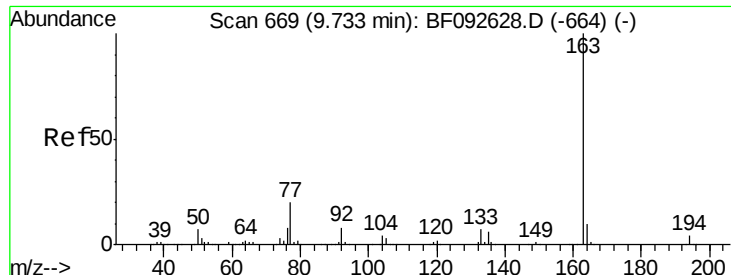
Tgt Ion: 65 Resp: 275643
Ion Ratio Lower Upper
65 100
92 64.0 53.9 80.9
138 90.1 76.8 115.2



#48
Acenaphthylene
Concen: 48.03 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion: 152 Resp: 1422855
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.4 11.4 17.2

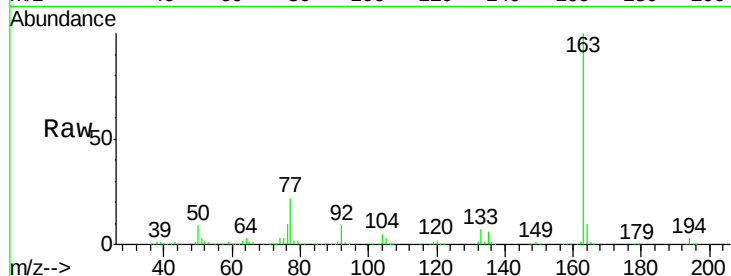




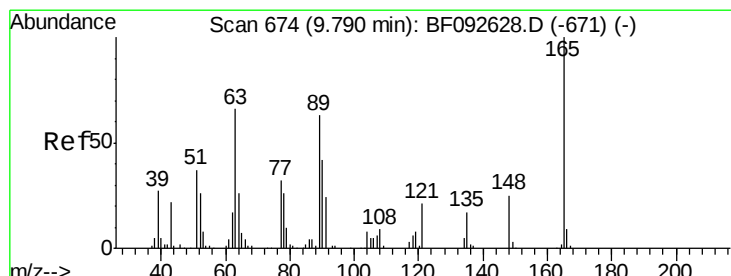
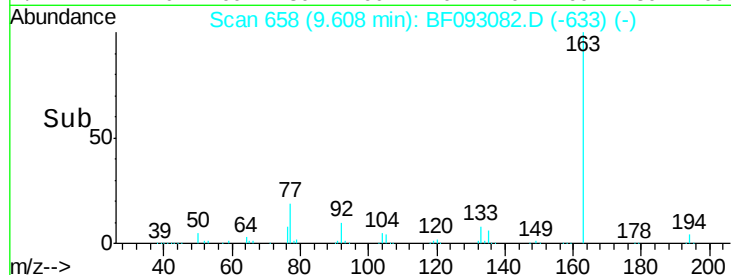
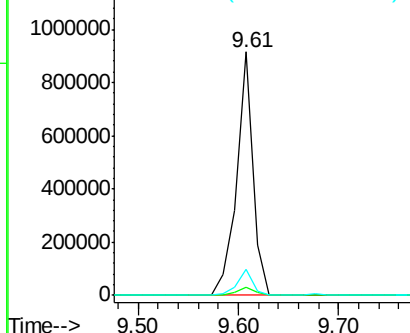
#49
Dimethylphthalate
Concen: 50.84 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Instrument :
BNA_F
ClientSampleId :
B1-1MSD

Tgt Ion:163 Resp: 1036530
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.5 8.0 12.0

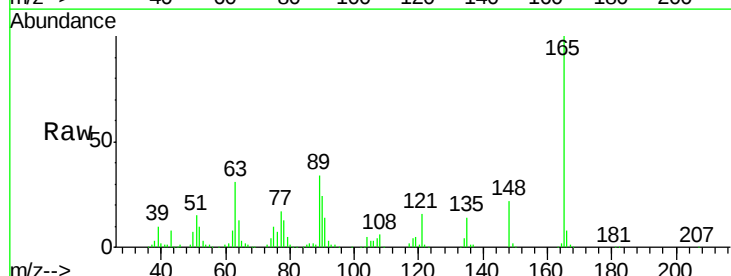


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

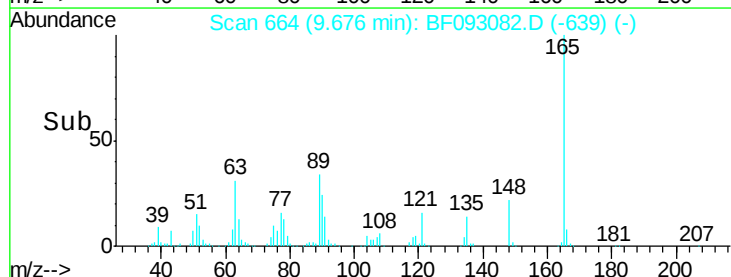
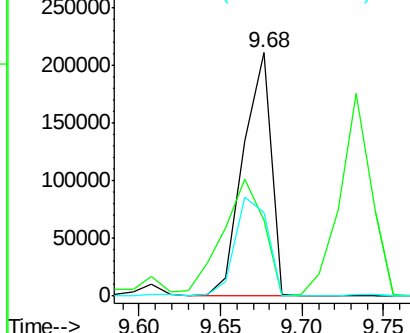


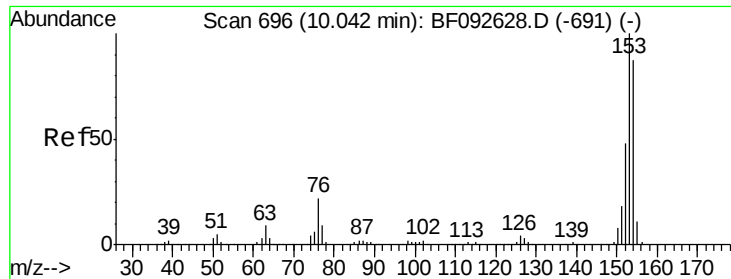
#50
2,6-Dinitrotoluene
Concen: 56.87 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion:165 Resp: 250413
Ion Ratio Lower Upper
165 100
63 31.3 36.2 54.4#
89 34.4 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: 49.05 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

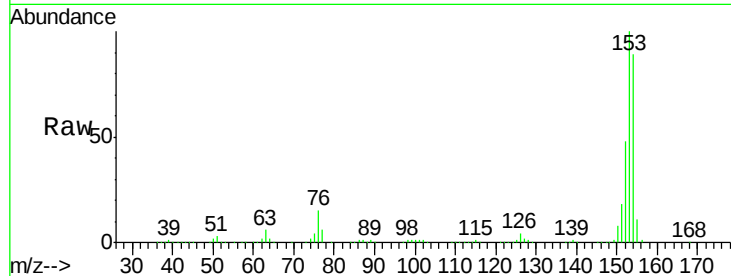
Tgt Ion:154 Resp: 868648

Ion Ratio Lower Upper

154 100

153 112.3 88.6 133.0

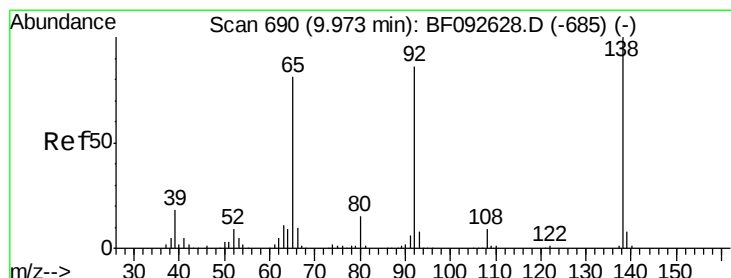
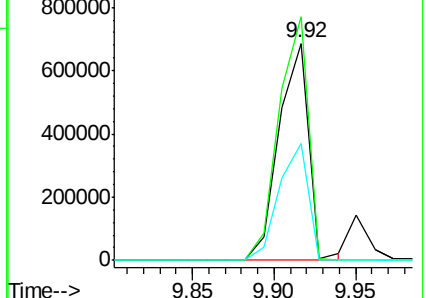
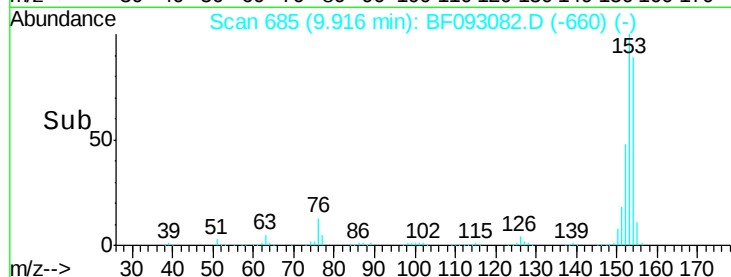
152 54.1 41.6 62.4



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: 13.16 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

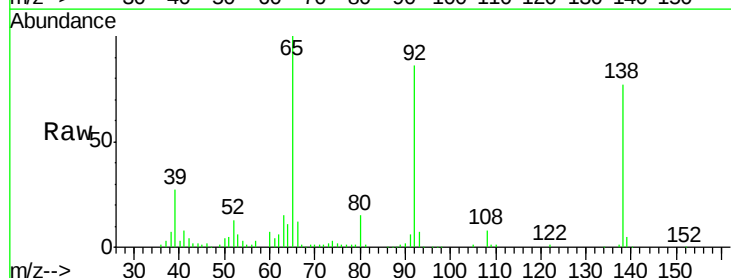
Tgt Ion:138 Resp: 66298

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

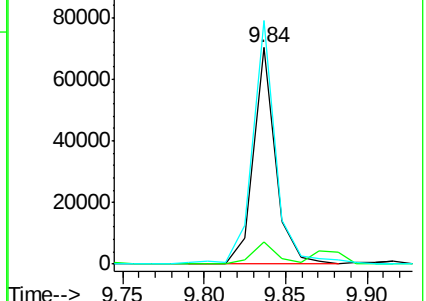
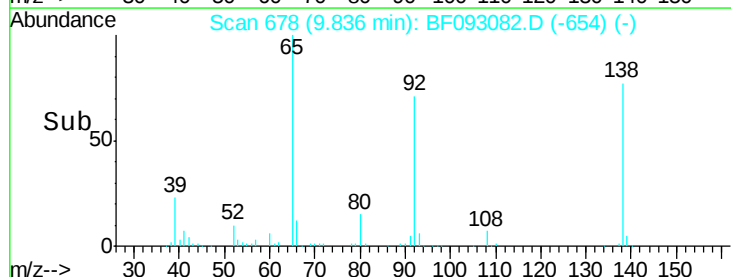
92 112.4 97.8 146.8

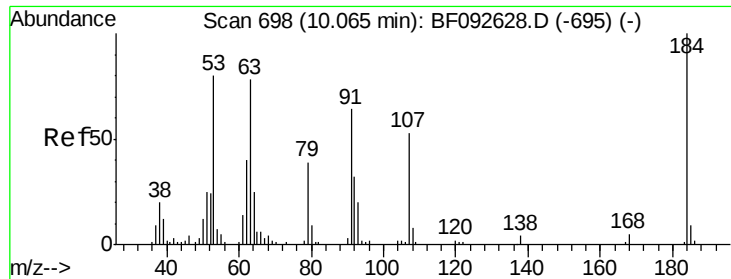


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

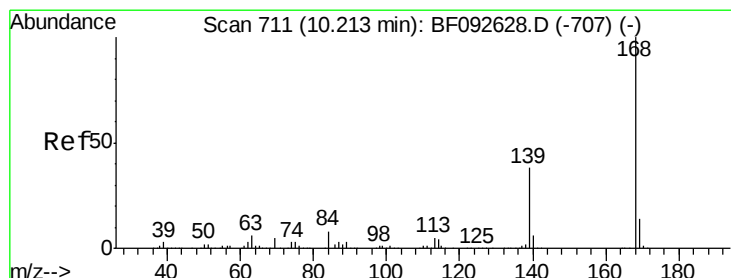
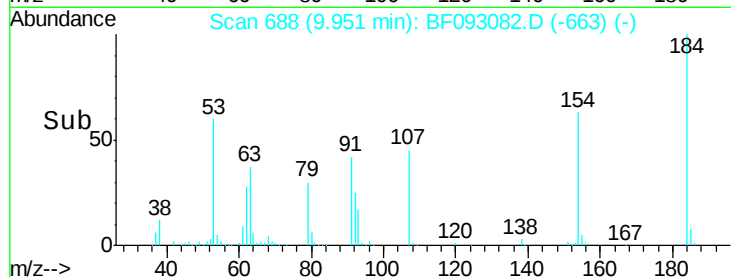
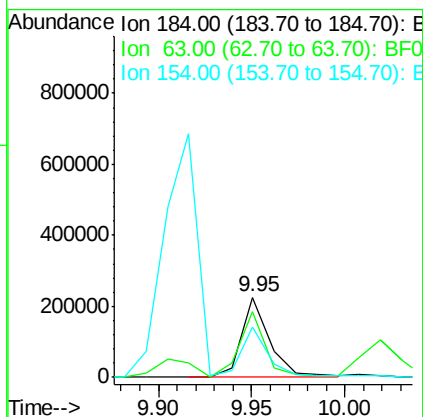
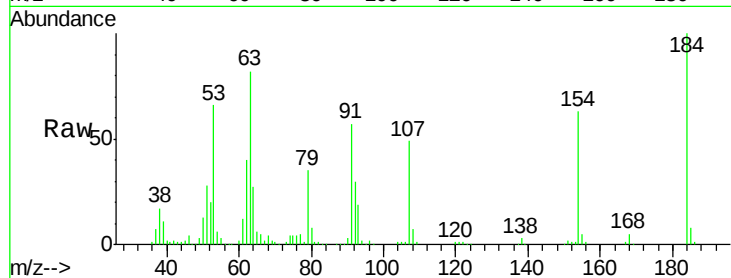




#53
 2,4-Dinitrophenol
 Concen: 105.47 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

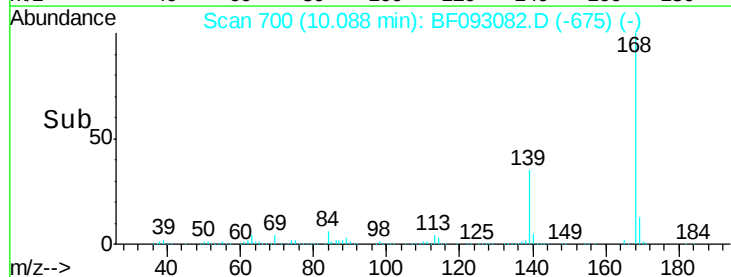
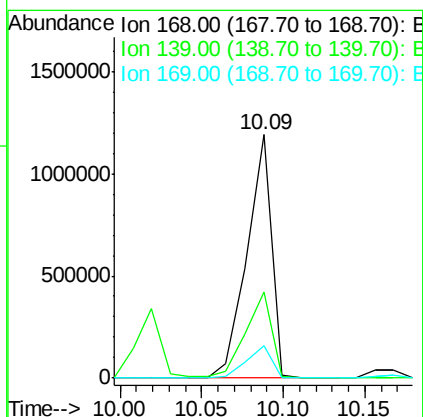
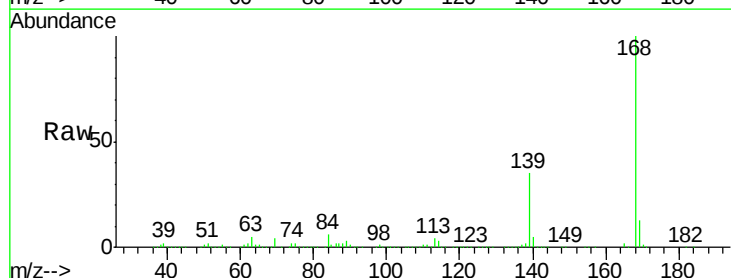
Instrument :
 BNA_F
 ClientSampleId :
 B1-1MSD

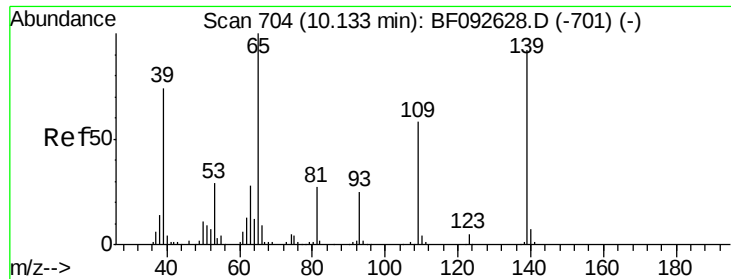
Tgt Ion:184 Resp: 239831
 Ion Ratio Lower Upper
 184 100
 63 81.8 28.4 42.6#
 154 62.7 44.3 66.5



#54
 Dibenzofuran
 Concen: 52.59 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion:168 Resp: 1245765
 Ion Ratio Lower Upper
 168 100
 139 35.3 32.6 49.0
 169 13.4 11.3 16.9

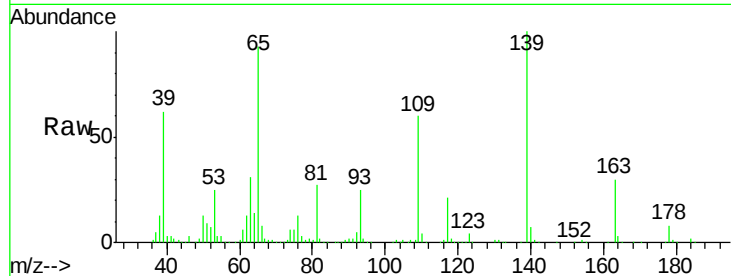




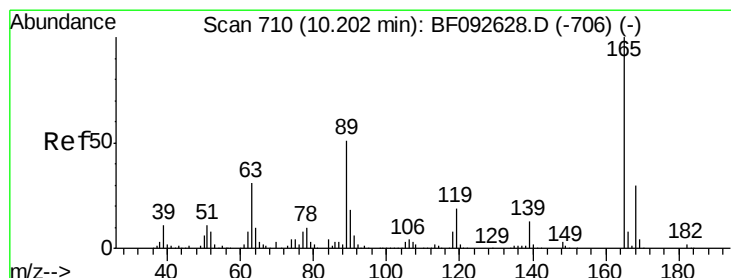
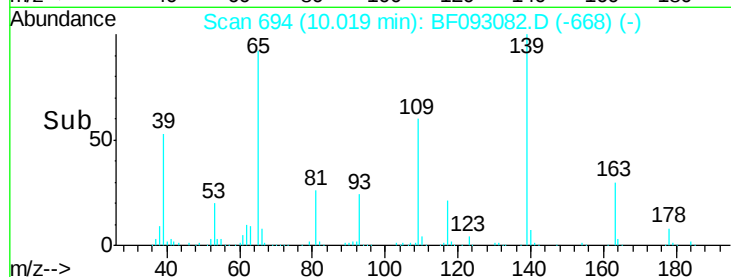
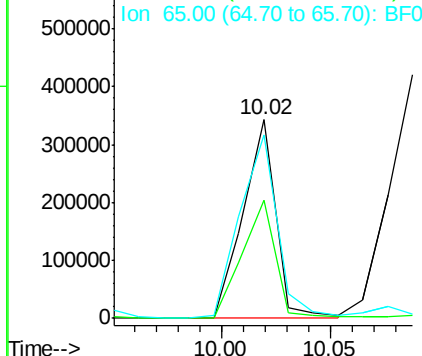
#55
4-Nitrophenol
Concen: 98.85 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Instrument :
BNA_F
ClientSampleId :
B1-1MSD

Tgt Ion:139 Resp: 358762
Ion Ratio Lower Upper
139 100
109 59.9 52.2 92.2
65 92.7 85.8 125.8

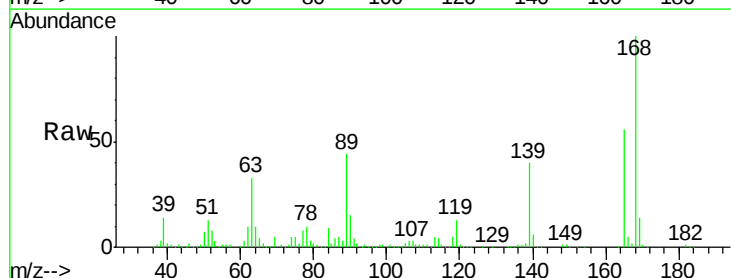


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

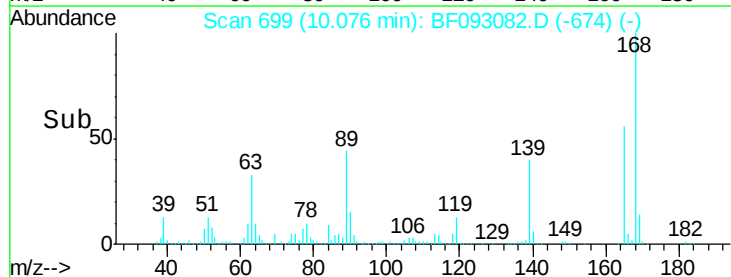
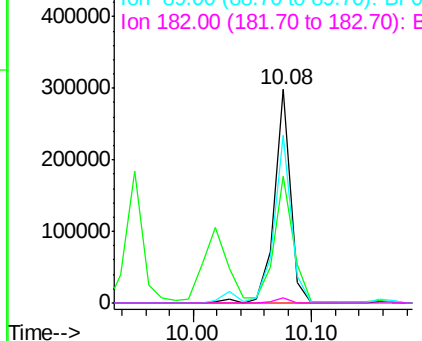


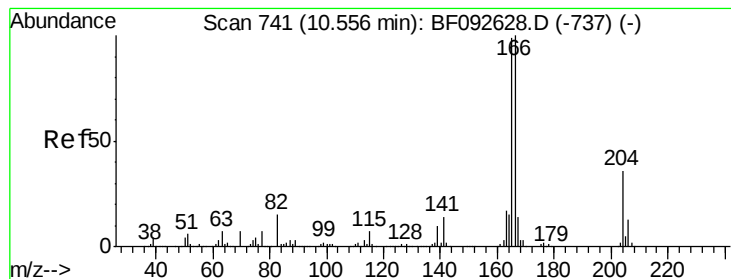
#56
2,4-Dinitrotoluene
Concen: 48.08 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion:165 Resp: 281849
Ion Ratio Lower Upper
165 100
63 59.1 40.2 60.4
89 78.7 62.5 93.7
182 2.4 1.8 2.8



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.06 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

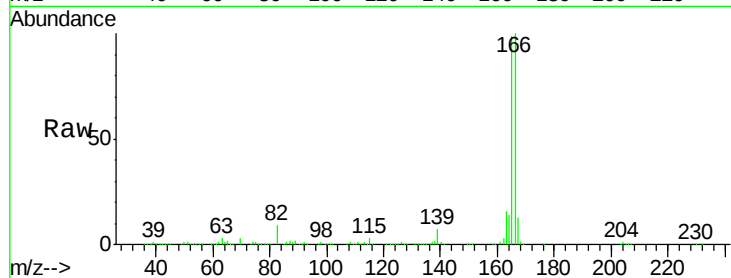
Tgt Ion:166 Resp: 930518

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

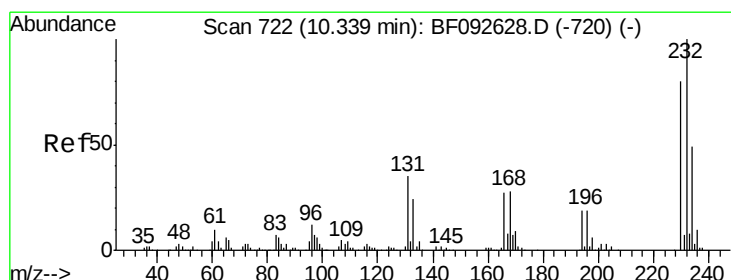
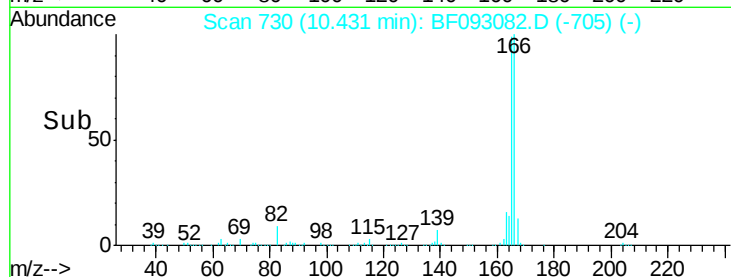
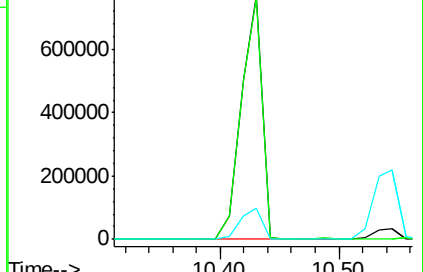
167 12.8 10.8 16.2



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: 56.79 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Tgt Ion:232 Resp: 231755

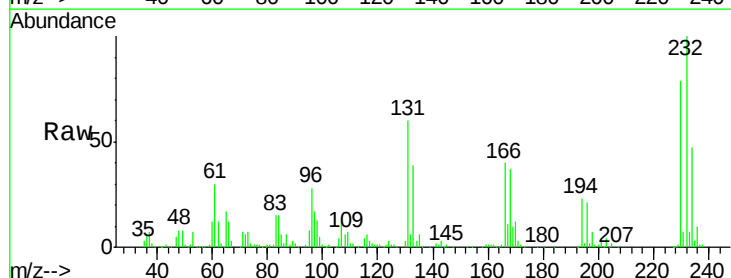
Ion Ratio Lower Upper

232 100

131 45.9 40.1 60.1

130 2.1 1.8 2.8

166 31.3 26.6 39.8

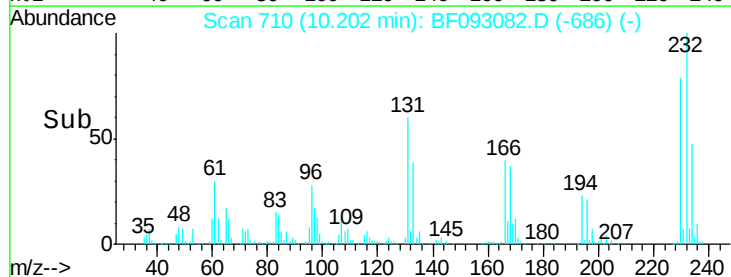
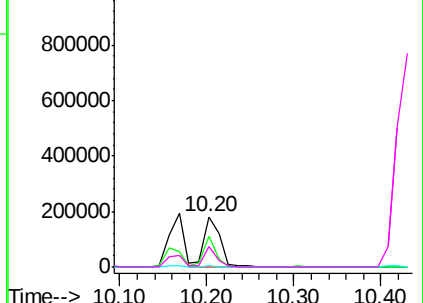


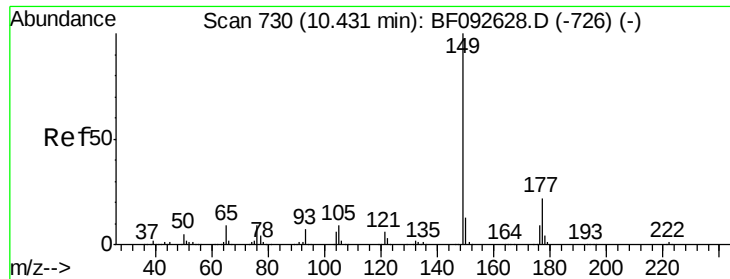
Abundance Ion 232.00 (231.70 to 232.70): E

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

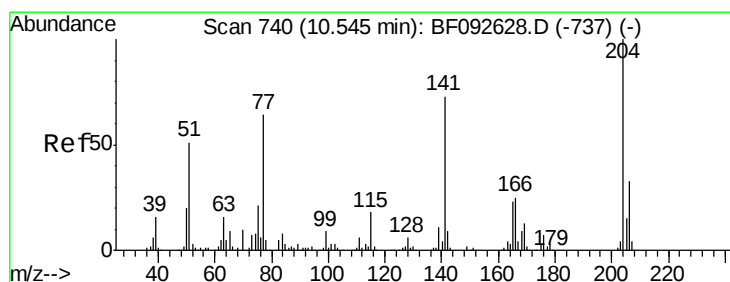
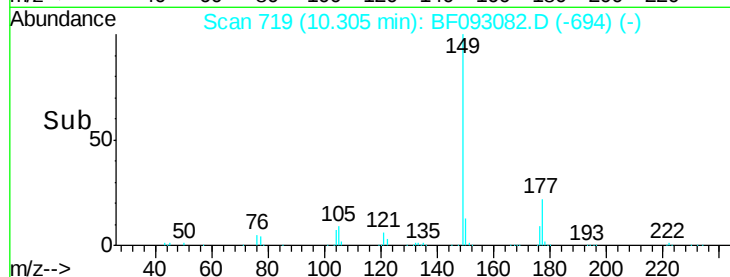
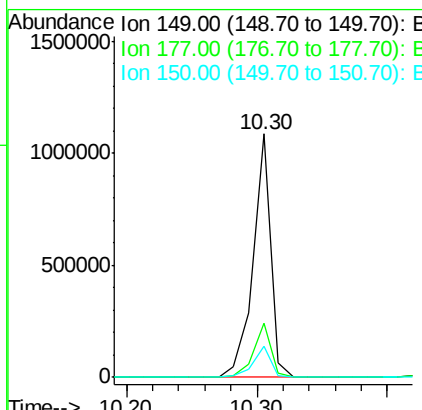
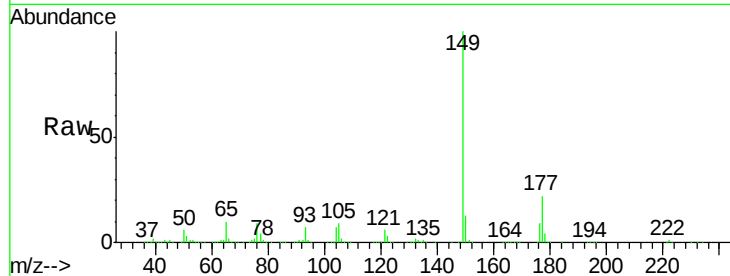




#59
Diethylphthalate
Concen: 53.16 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

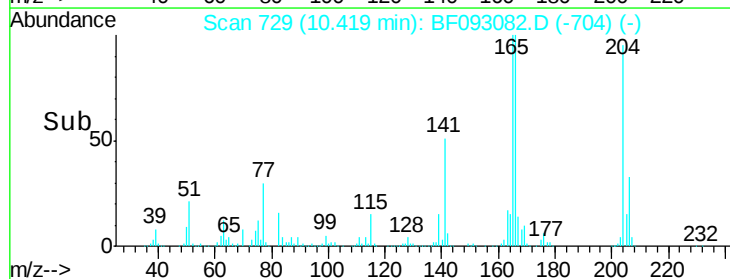
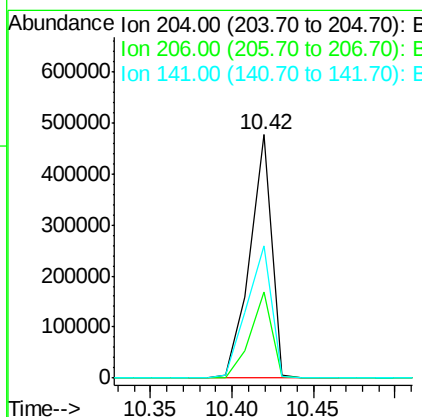
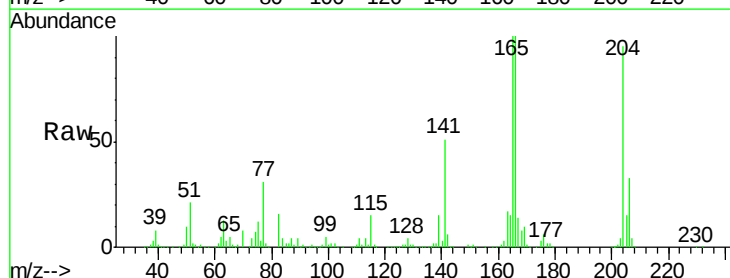
Instrument :
BNA_F
ClientSampled :
B1-1MSD

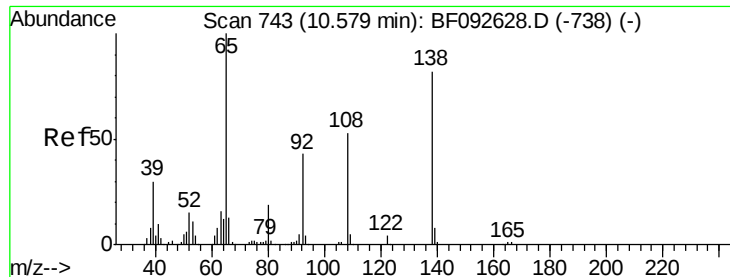
Tgt Ion:149 Resp: 1021484
Ion Ratio Lower Upper
149 100
177 22.3 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 50.78 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion:204 Resp: 444586
Ion Ratio Lower Upper
204 100
206 35.2 25.8 38.6
141 54.4 59.4 89.0#

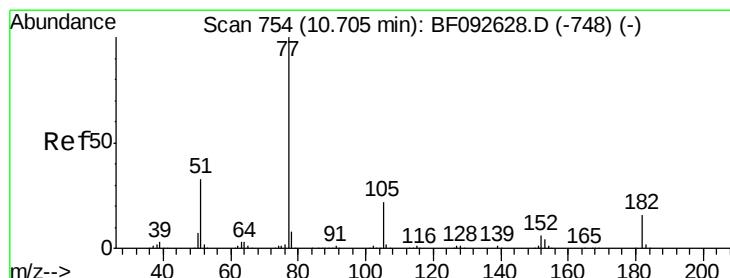
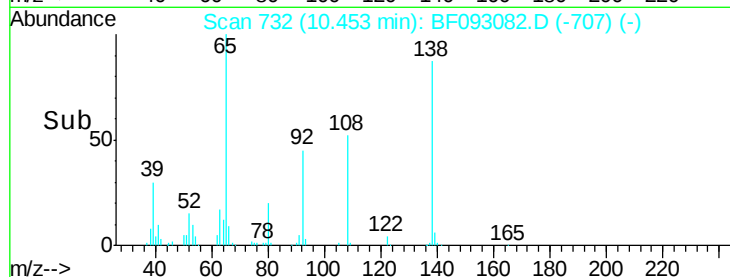
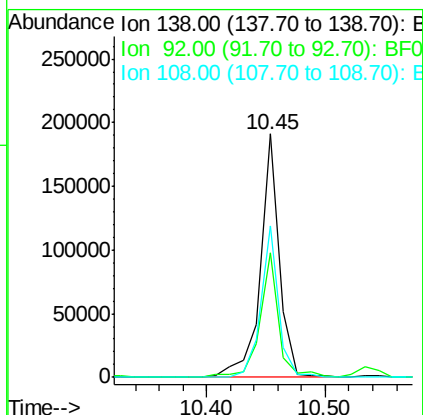
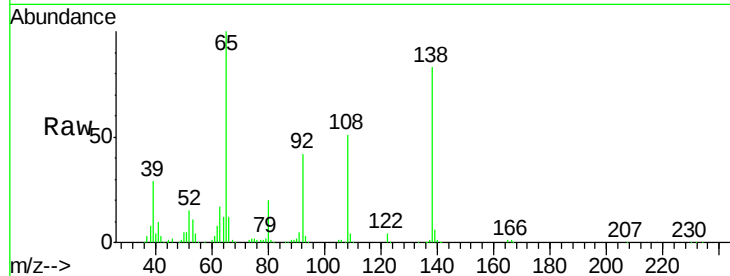




#61
4-Nitroaniline
Concen: 41.65 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

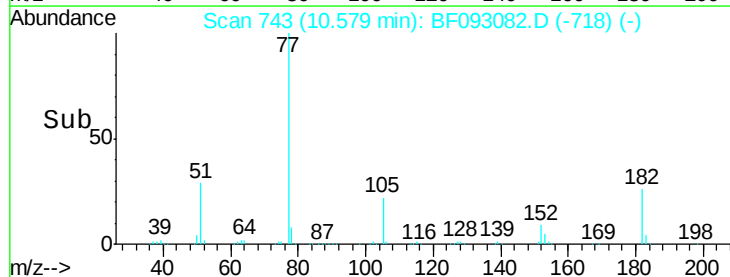
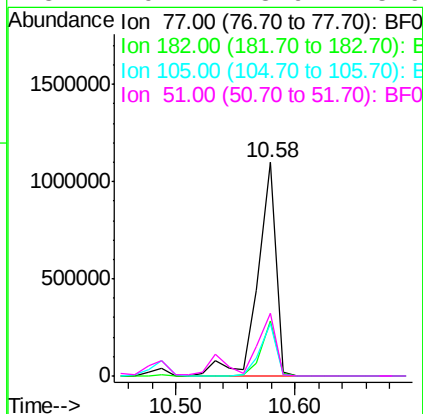
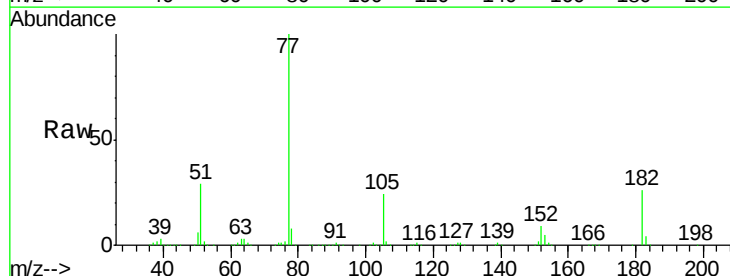
Instrument :
BNA_F
ClientSampleId :
B1-1MSD

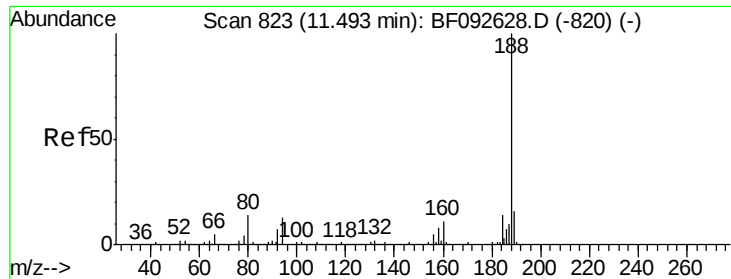
Tgt Ion:138 Resp: 214963
Ion Ratio Lower Upper
138 100
92 51.3 31.7 71.7
108 62.0 52.6 92.6



#62
Azobenzene
Concen: 59.55 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion: 77 Resp: 1182054
Ion Ratio Lower Upper
77 100
182 25.9 0.0 39.3
105 24.4 2.3 42.3
51 29.4 8.9 48.9

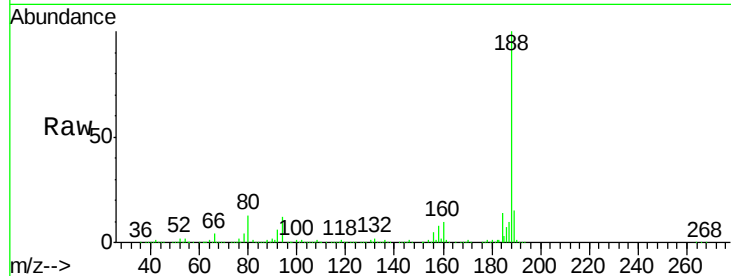




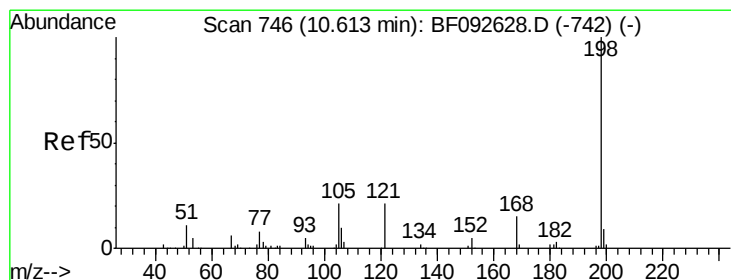
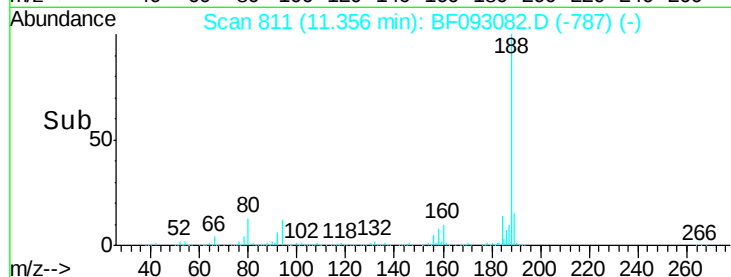
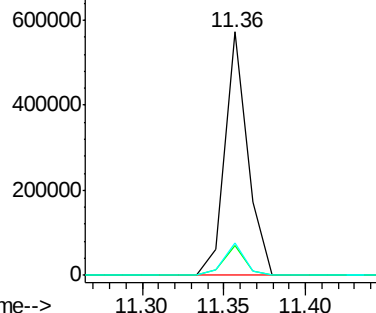
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Instrument :
BNA_F
ClientSampleId :
B1-1MSD

Tgt Ion:188 Resp: 556328
Ion Ratio Lower Upper
188 100
94 12.3 10.0 15.0
80 13.1 11.2 16.8

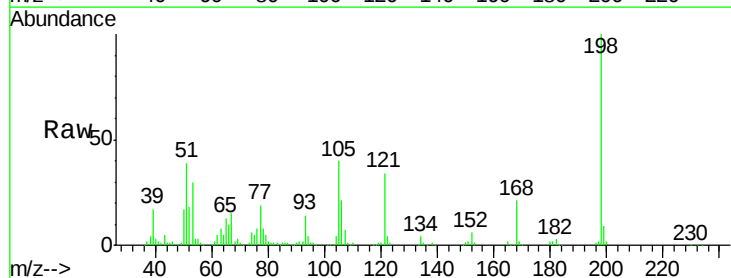


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

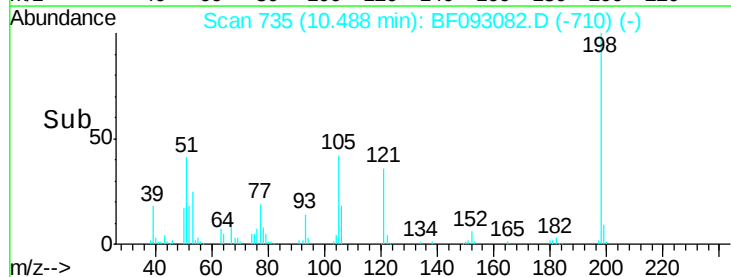
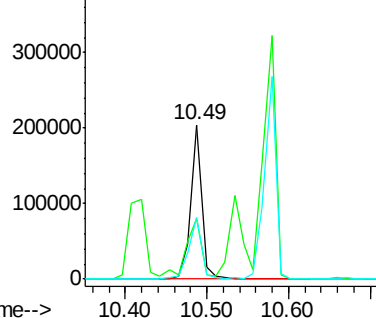


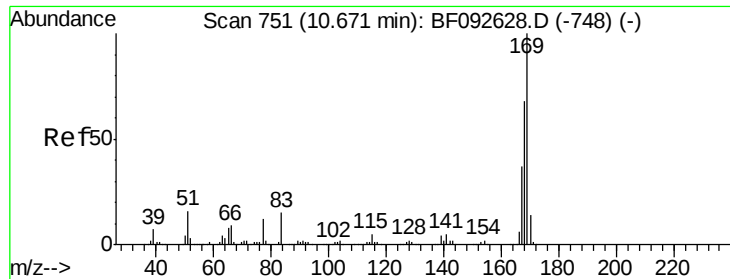
#64
4,6-Dinitro-2-methylphenol
Concen: 56.26 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion:198 Resp: 192154
Ion Ratio Lower Upper
198 100
51 39.2 6.7 46.7
105 40.0 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.71 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

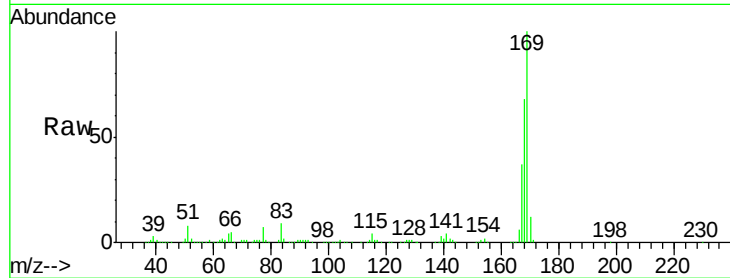
Tgt Ion:169 Resp: 830107

Ion Ratio Lower Upper

169 100

168 68.4 54.2 81.2

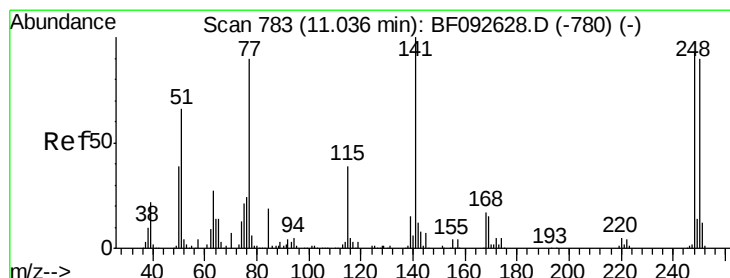
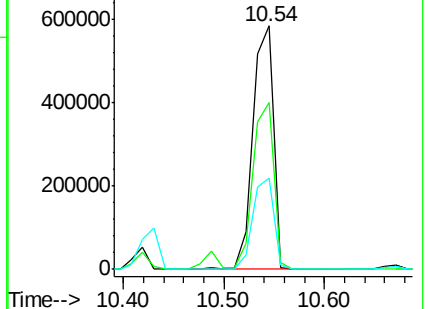
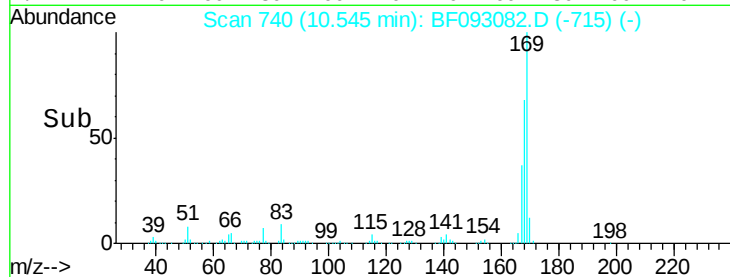
167 37.3 30.2 45.4



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: 45.92 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

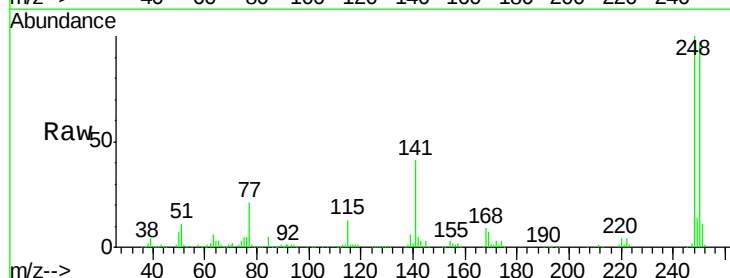
Tgt Ion:248 Resp: 266888

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

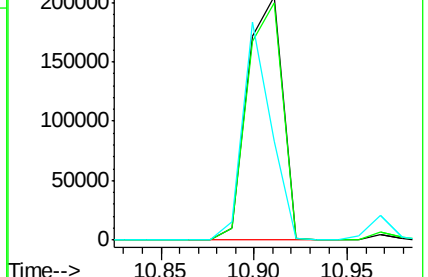
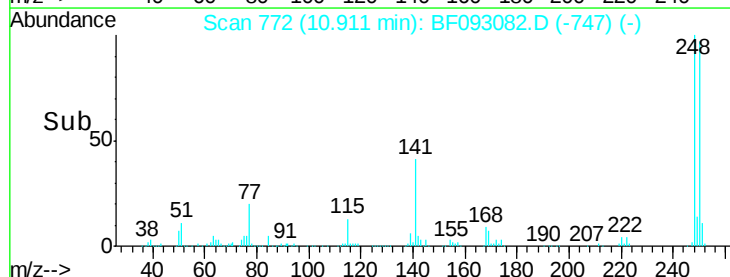
141 40.6 68.2 102.4#

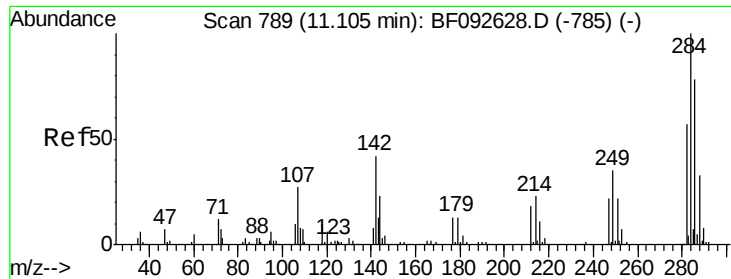


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

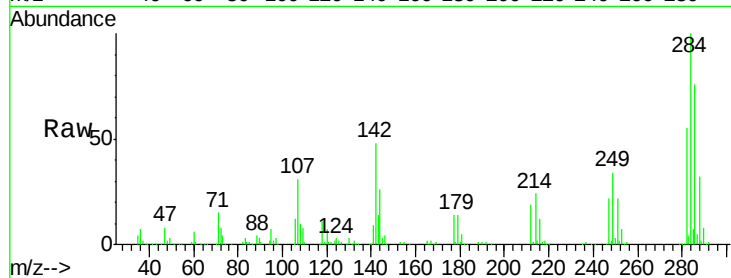




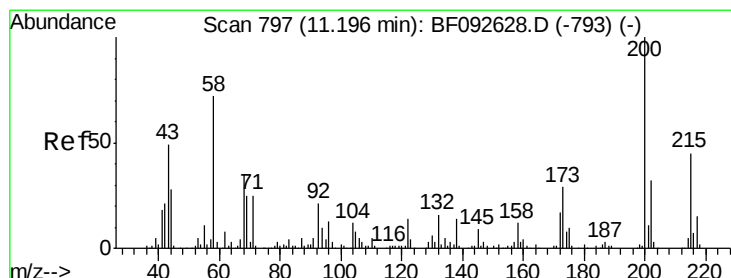
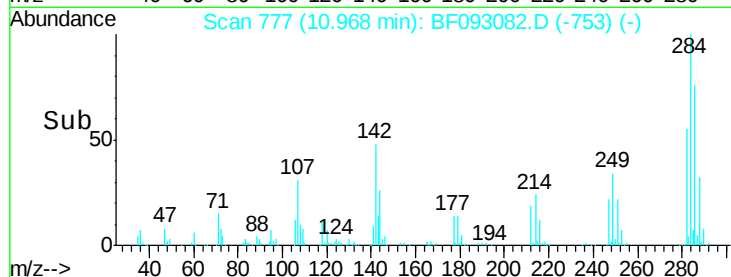
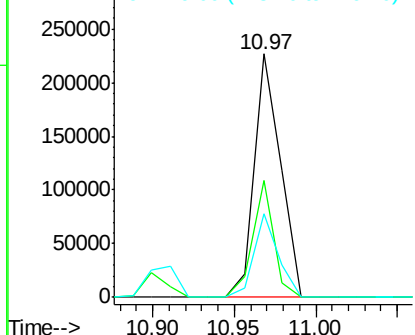
#67
Hexachlorobenzene
Concen: 43.91 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Instrument :
BNA_F
ClientSampleId :
B1-1MSD

Tgt Ion:284 Resp: 252226
Ion Ratio Lower Upper
284 100
142 47.8 22.6 33.8#
249 34.4 25.4 38.0

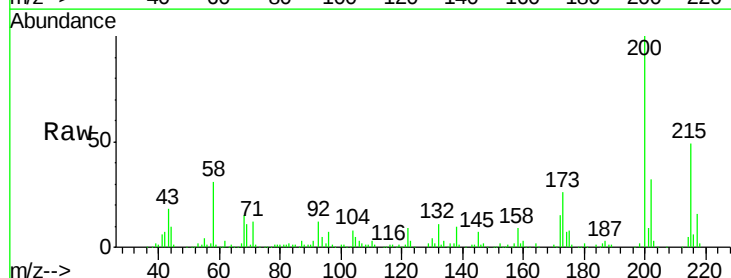


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

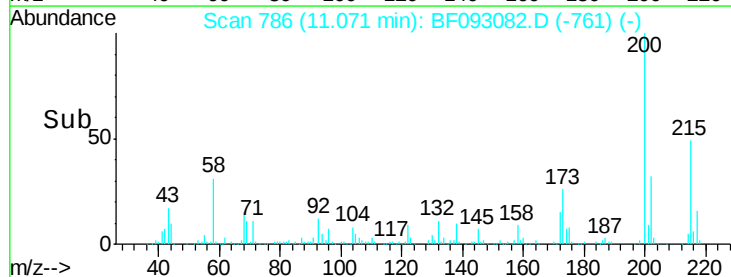
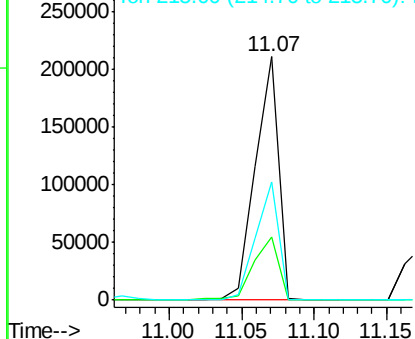


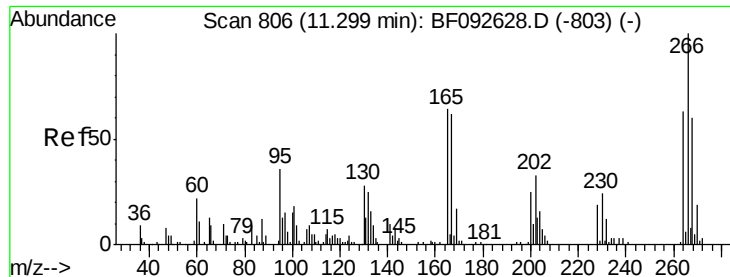
#68
Atrazine
Concen: 40.95 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion:200 Resp: 233520
Ion Ratio Lower Upper
200 100
173 25.7 9.6 49.6
215 48.7 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

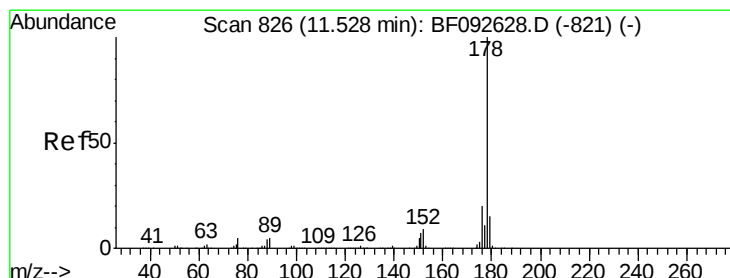
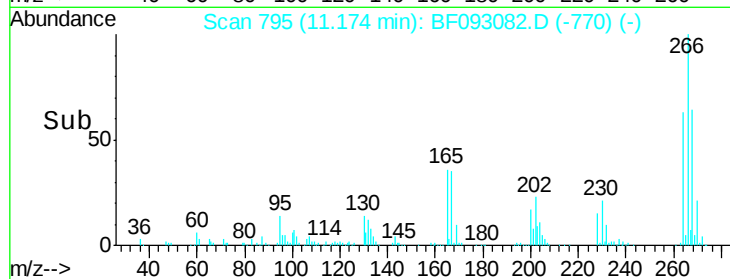
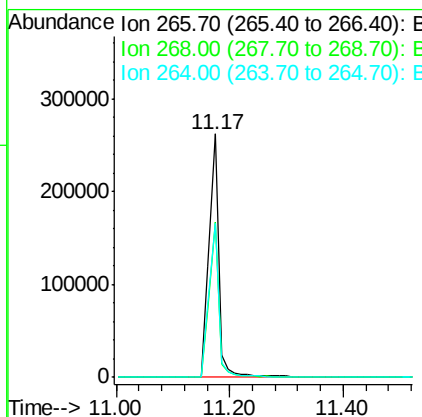
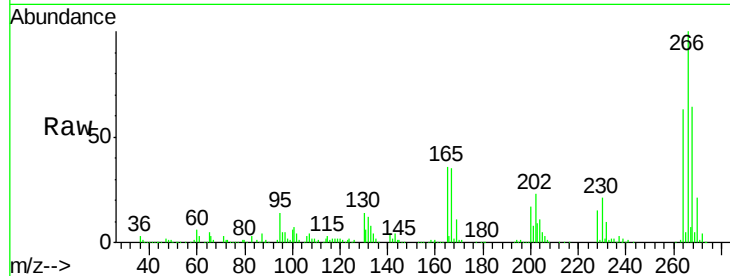




#69
 Pentachlorophenol
 Concen: 100.37 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

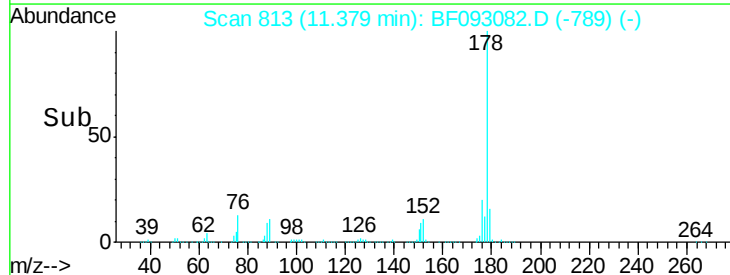
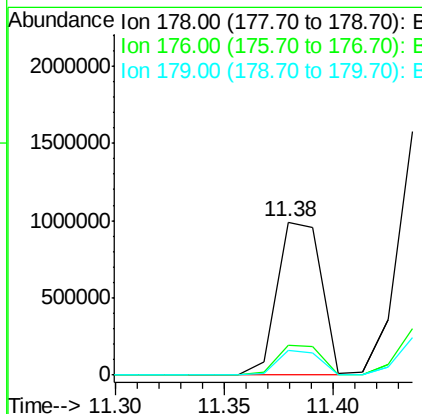
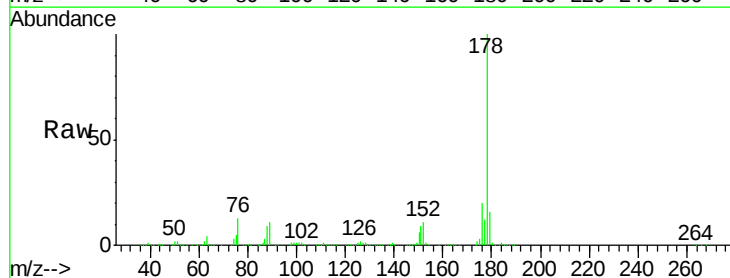
Instrument :
 BNA_F
 ClientSampleId :
 B1-1MSD

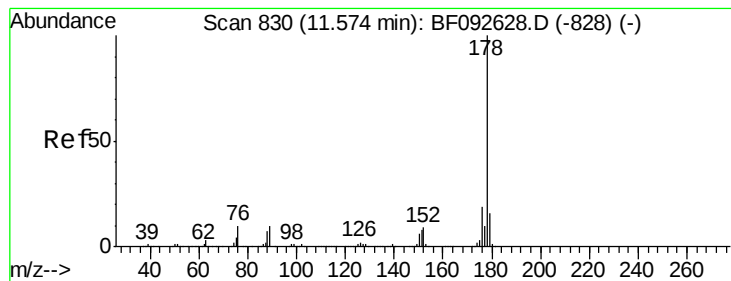
Tgt Ion:266 Resp: 303576
 Ion Ratio Lower Upper
 266 100
 268 63.9 53.3 79.9
 264 63.3 50.3 75.5



#70
 Phenanthrene
 Concen: 43.99 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF093082.D
 Acq: 22 Feb 2017 18:24

Tgt Ion:178 Resp: 1402002
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 16.1 12.8 19.2





#71

Anthracene

Concen: 44.58 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

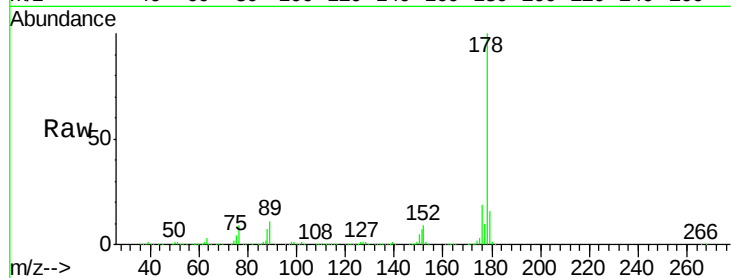
Tgt Ion:178 Resp: 1427061

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

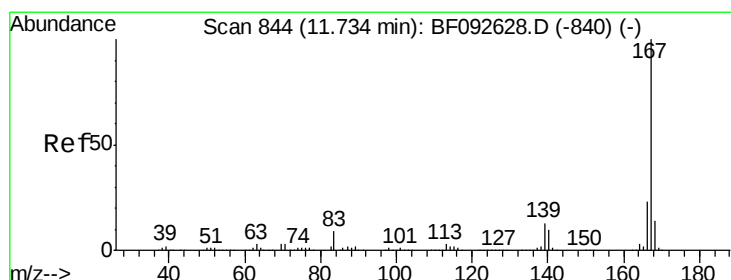
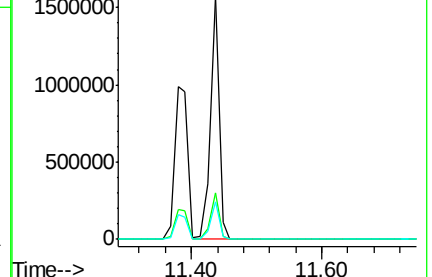
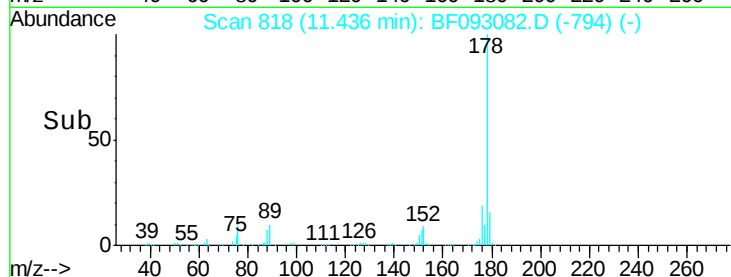
179 15.6 13.2 19.8



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: 45.03 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

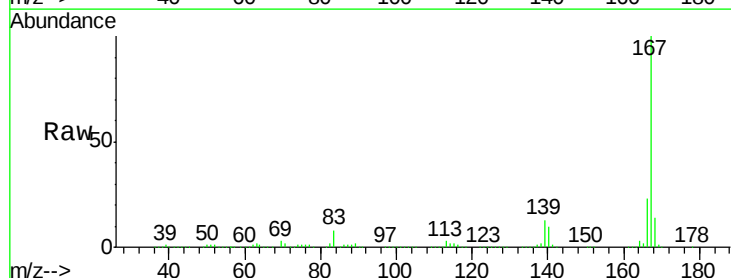
Tgt Ion:167 Resp: 1377787

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

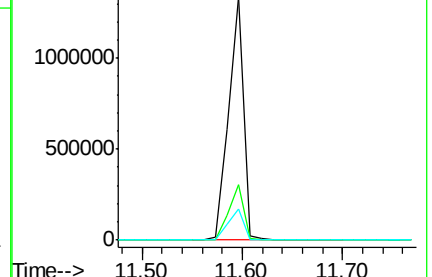
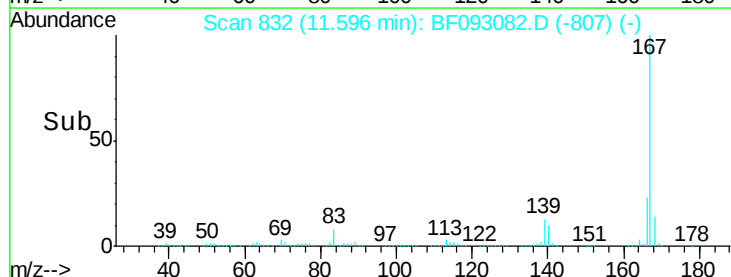
139 12.6 11.4 17.2

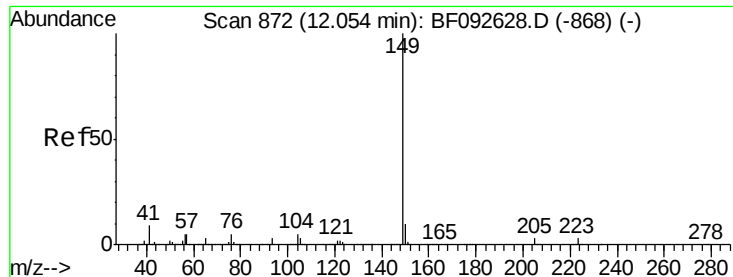


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

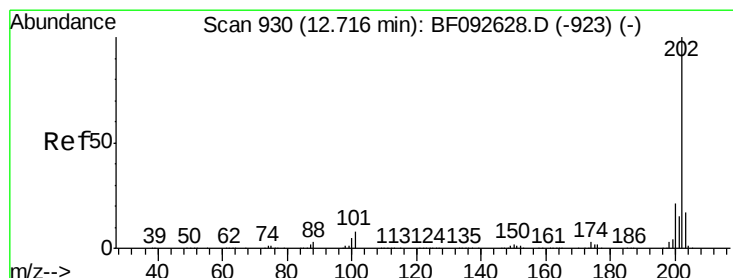
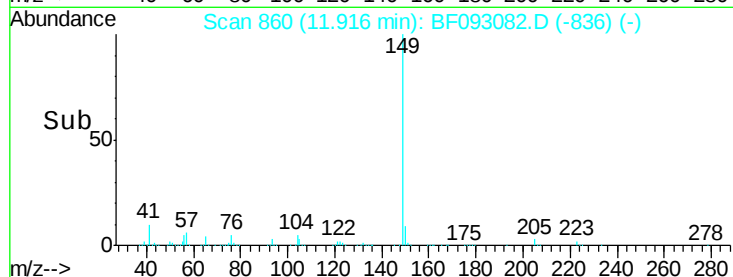
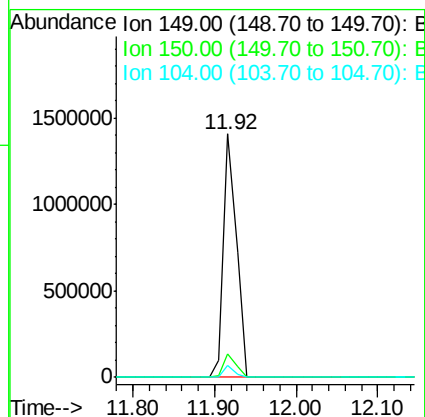
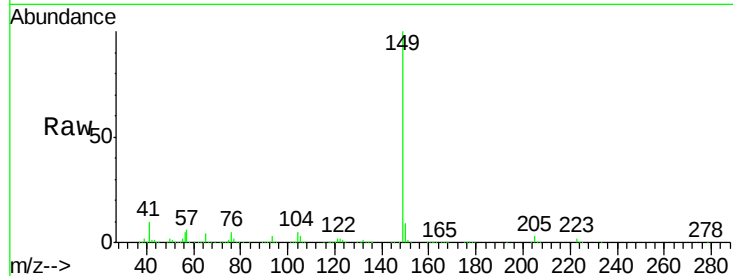




#73
Di-n-butylphthalate
Concen: 46.36 ng
RT: 11.92 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

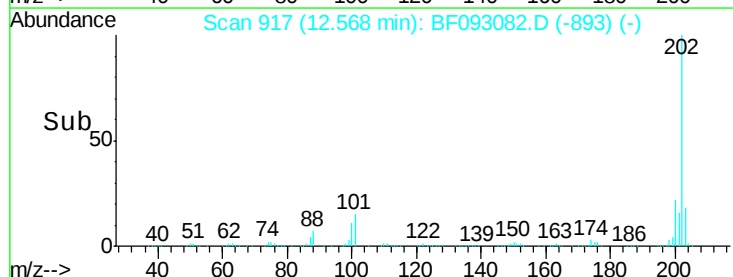
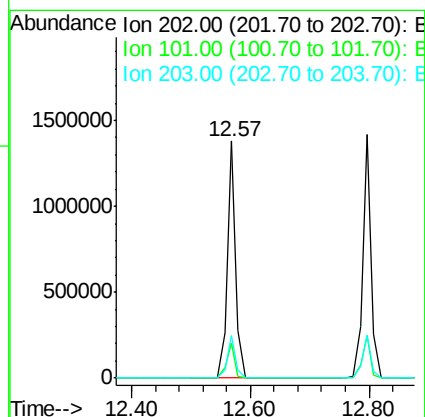
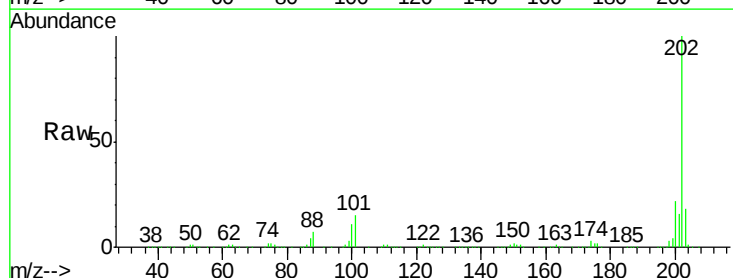
Instrument :
BNA_F
ClientSampleId :
B1-1MSD

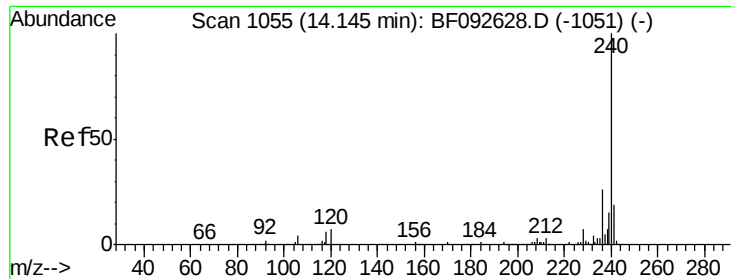
Tgt Ion:149 Resp: 1534051
Ion Ratio Lower Upper
149 100
150 9.4 8.1 12.1
104 4.9 4.6 7.0



#74
Fluoranthene
Concen: 40.58 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion:202 Resp: 1334189
Ion Ratio Lower Upper
202 100
101 14.7 0.0 34.6
203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

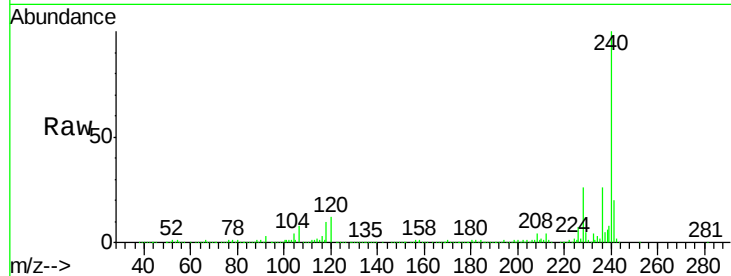
Tgt Ion:240 Resp: 503684

Ion Ratio Lower Upper

240 100

120 11.9 12.9 19.3#

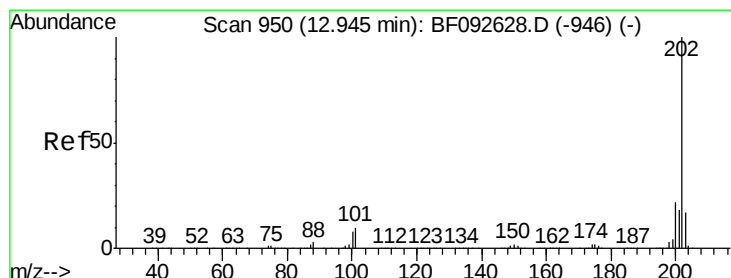
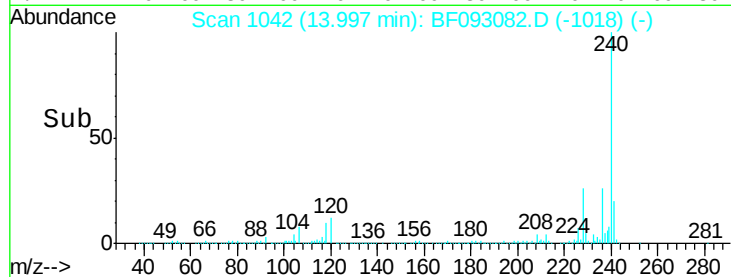
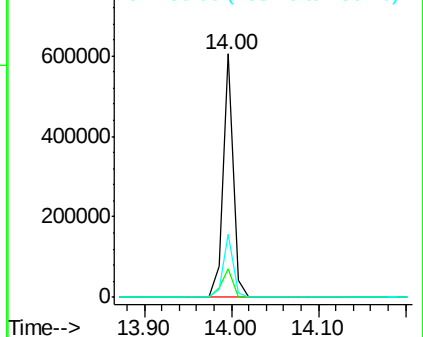
236 26.0 20.9 31.3



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



#77

Pyrene

Concen: 36.17 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

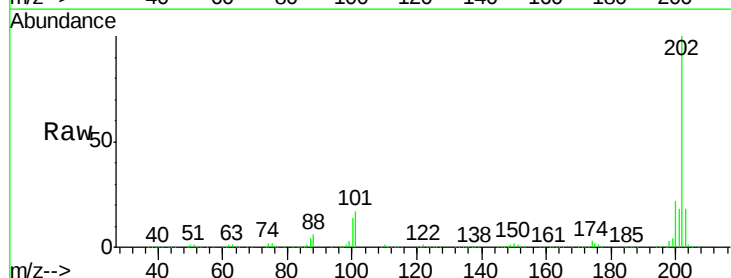
Tgt Ion:202 Resp: 1363454

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

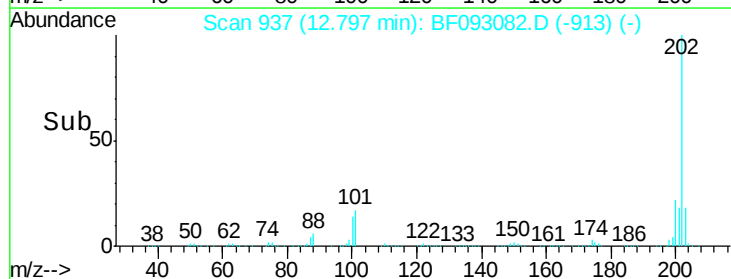
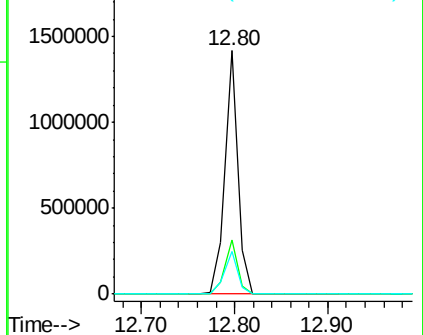
203 17.7 14.7 22.1

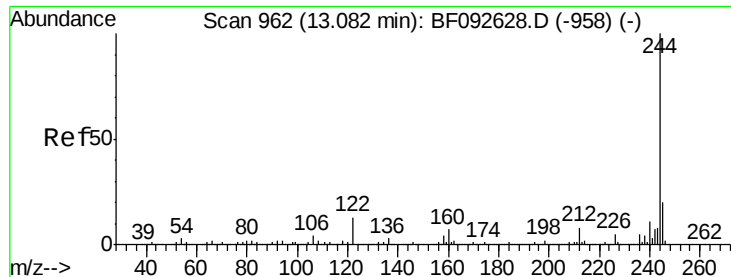


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.12 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

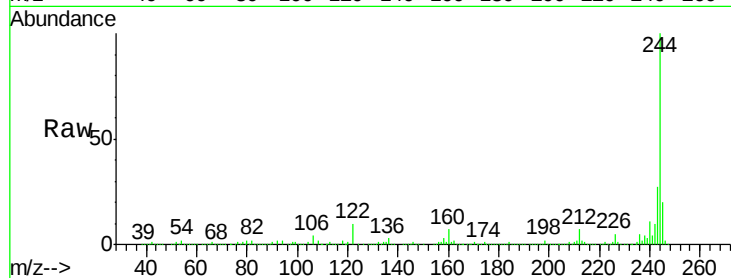
Tgt Ion:244 Resp: 1610337

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

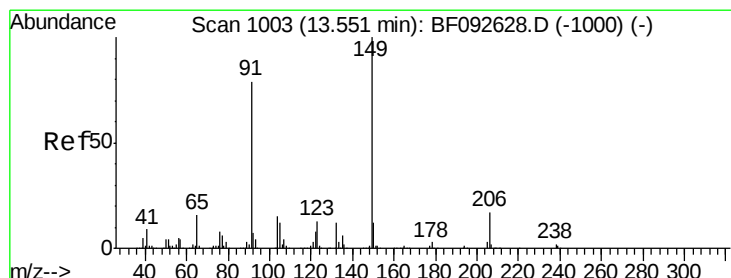
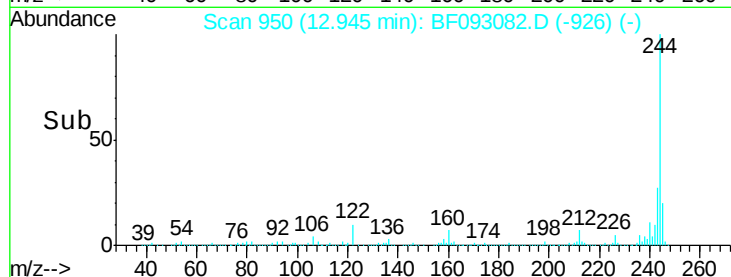
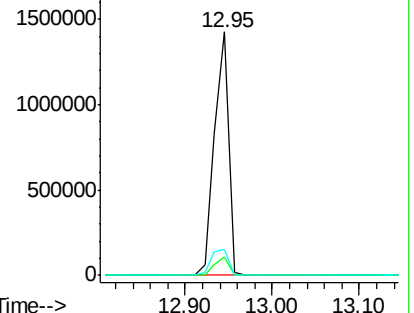
122 10.5 11.4 17.2#



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: 44.33 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

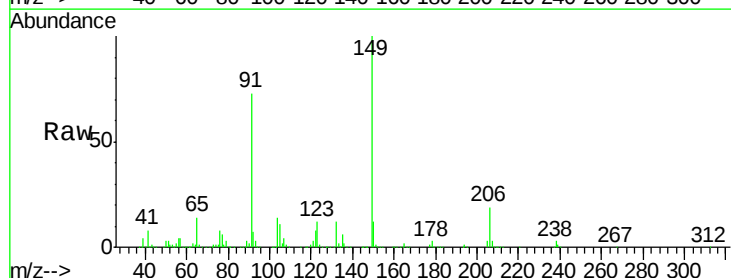
Tgt Ion:149 Resp: 678636

Ion Ratio Lower Upper

149 100

91 73.2 63.9 95.9

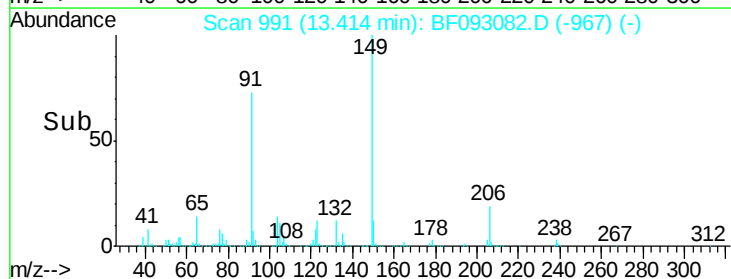
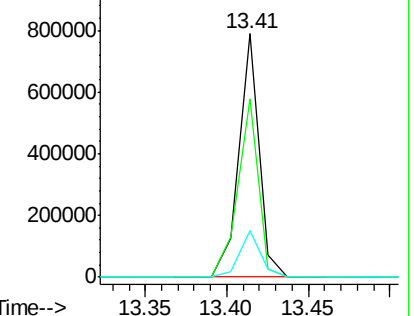
206 19.2 14.6 21.8

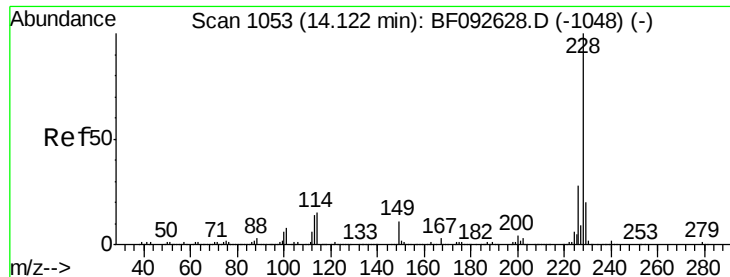


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.11 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

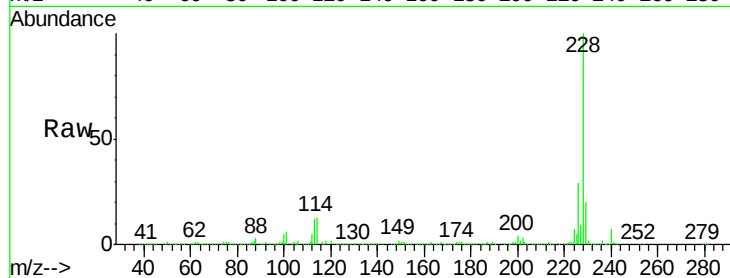
Tgt Ion:228 Resp: 1235746

Ion Ratio Lower Upper

228 100

226 29.1 22.4 33.6

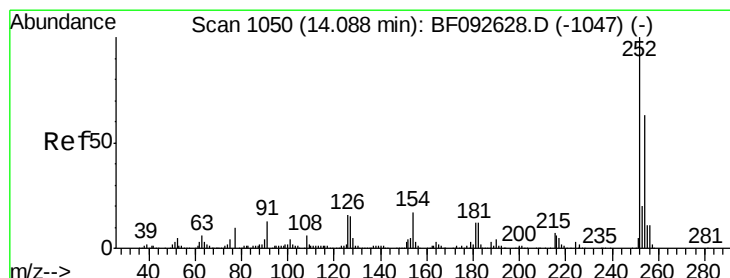
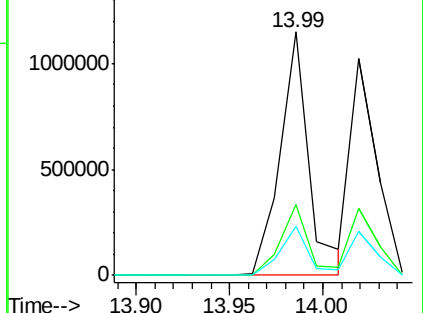
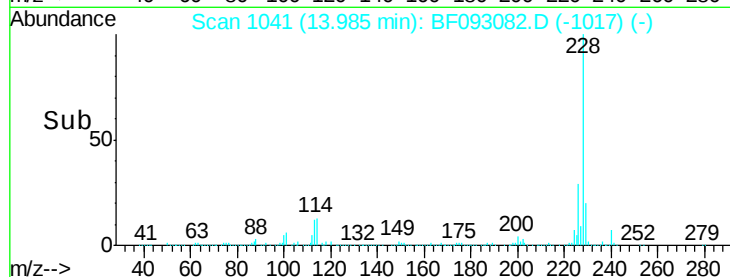
229 20.1 16.2 24.4



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: 11.59 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

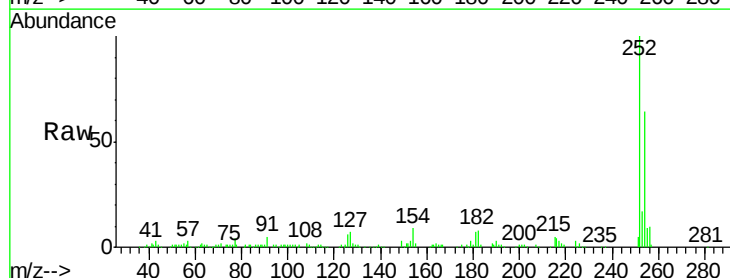
Tgt Ion:252 Resp: 127296

Ion Ratio Lower Upper

252 100

254 63.8 52.3 78.5

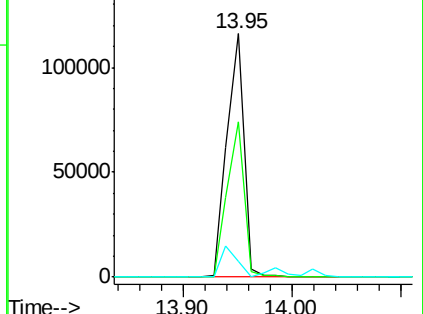
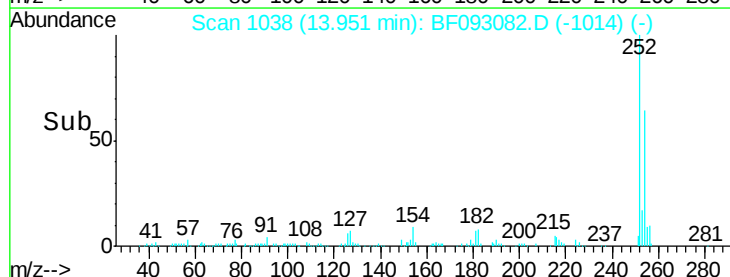
126 6.5 13.6 20.4#

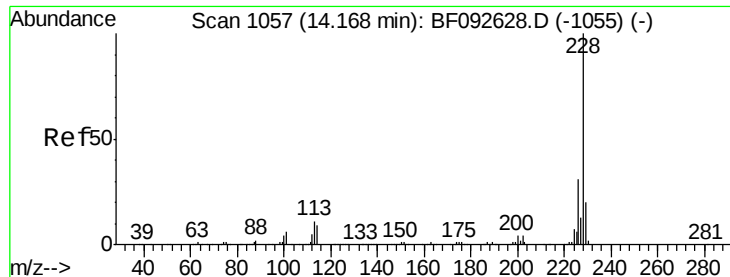


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 35.61 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

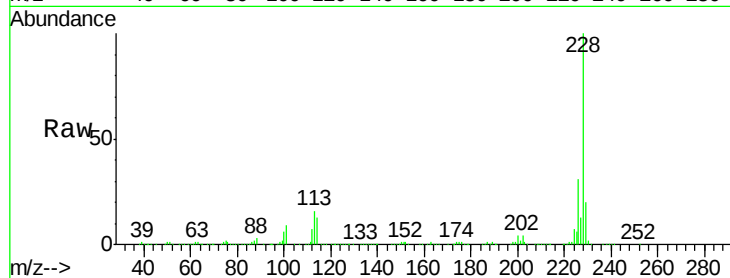
Tgt Ion:228 Resp: 1027022

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

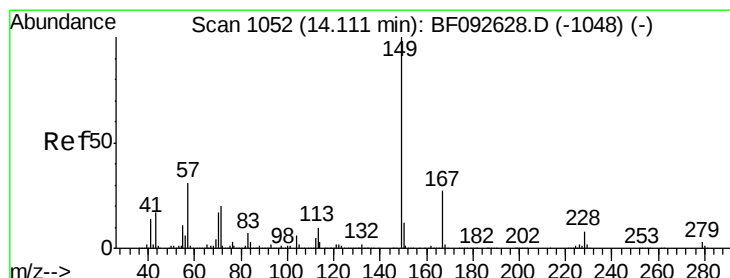
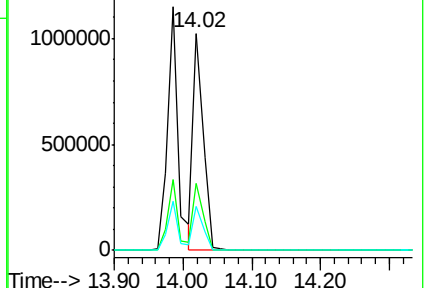
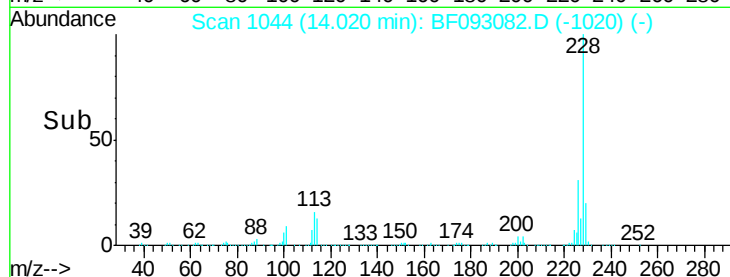
229 20.2 16.2 24.2



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: 44.60 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

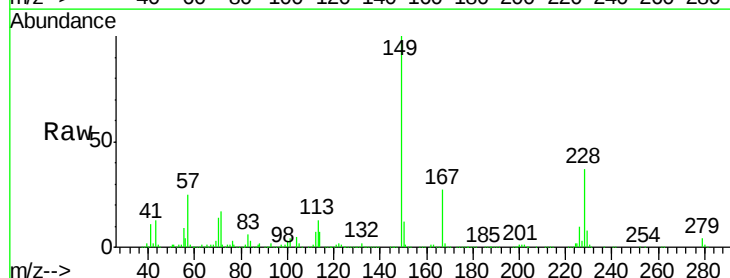
Tgt Ion:149 Resp: 933730

Ion Ratio Lower Upper

149 100

167 27.0 20.2 30.4

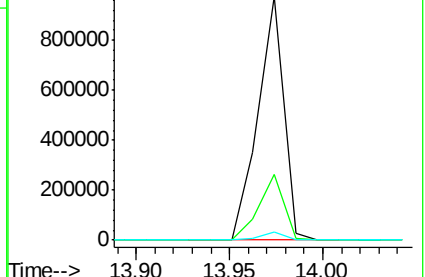
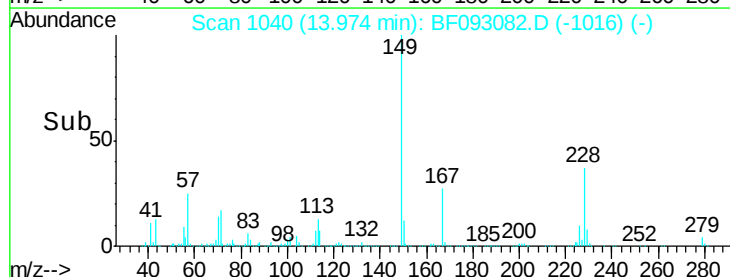
279 3.6 1.8 2.8#

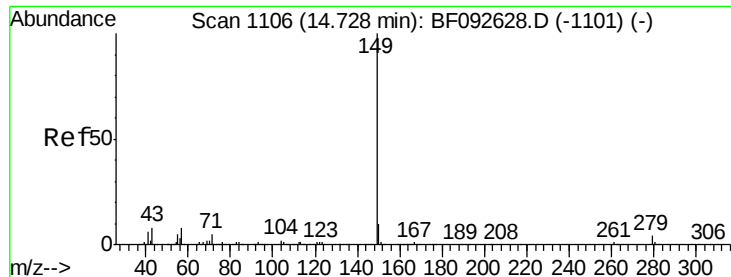


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.28 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

Instrument :

BNA_F

ClientSampleId :

B1-1MSD

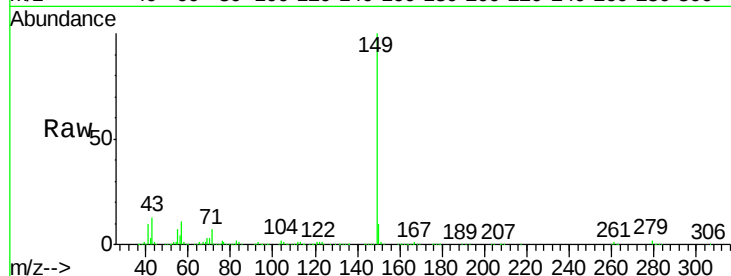
Tgt Ion:149 Resp: 1577585

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

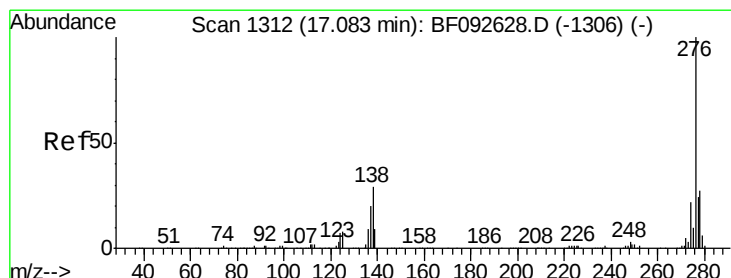
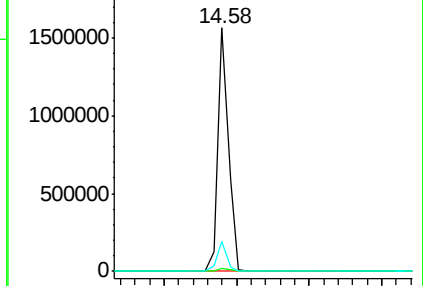
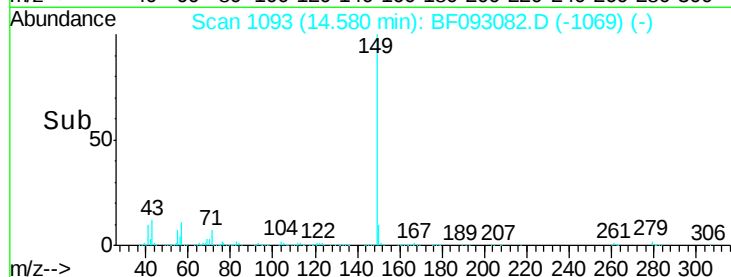
43 11.4 8.9 13.3



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: 39.94 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF093082.D

Acq: 22 Feb 2017 18:24

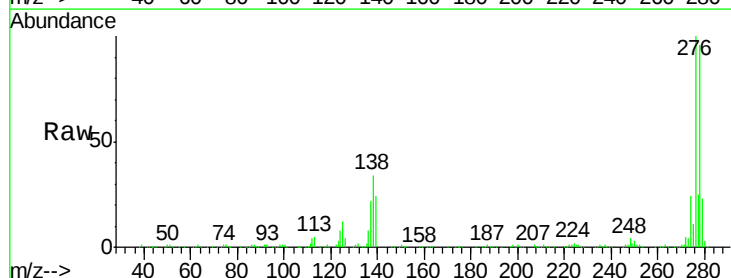
Tgt Ion:276 Resp: 892416

Ion Ratio Lower Upper

276 100

138 33.3 21.8 32.6#

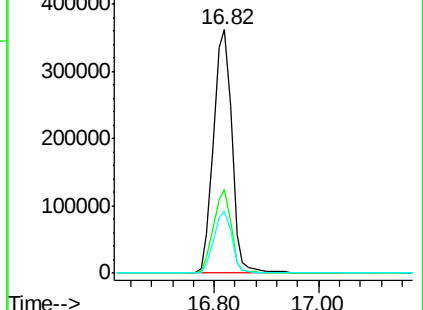
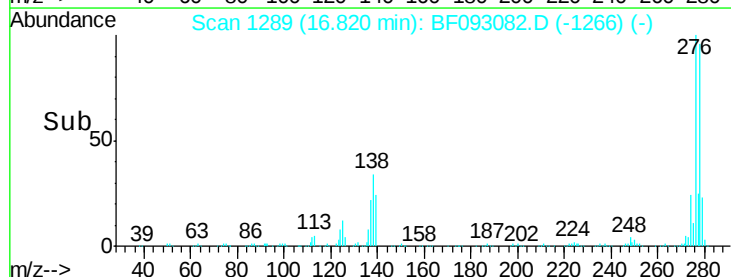
277 24.8 20.2 30.4

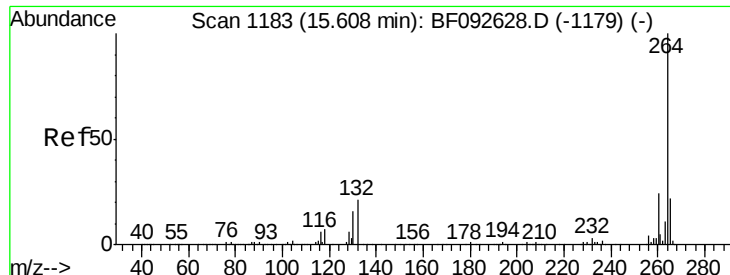


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

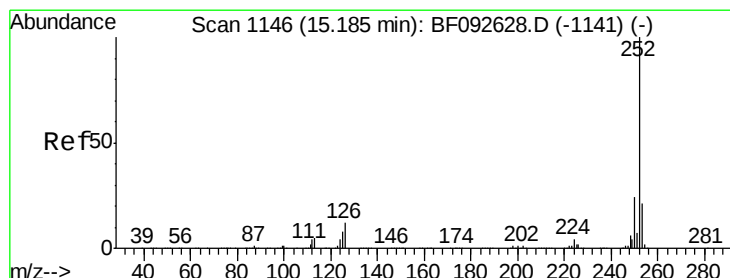
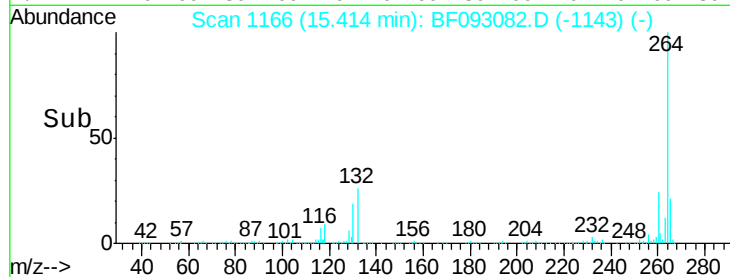
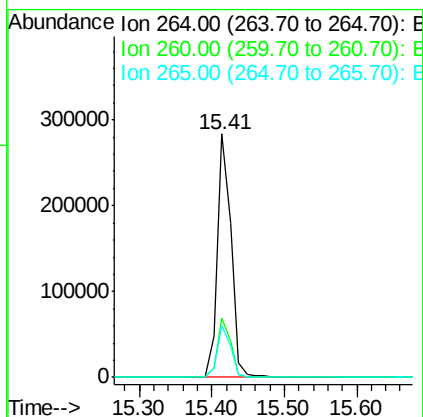
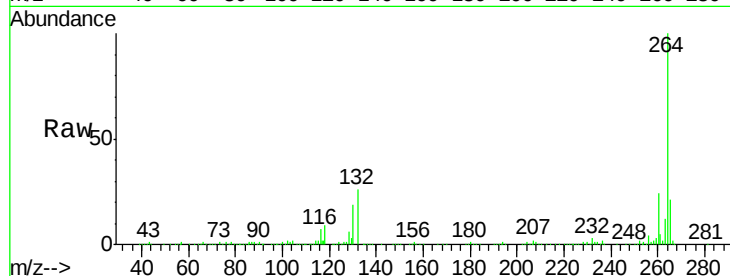




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

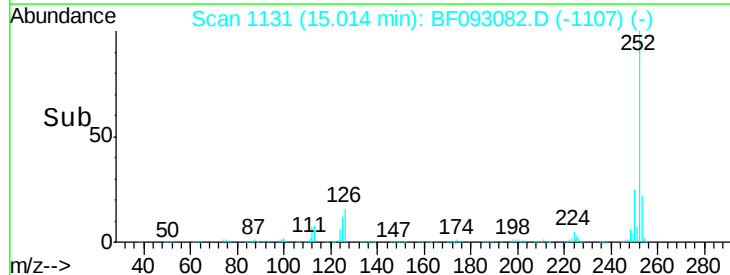
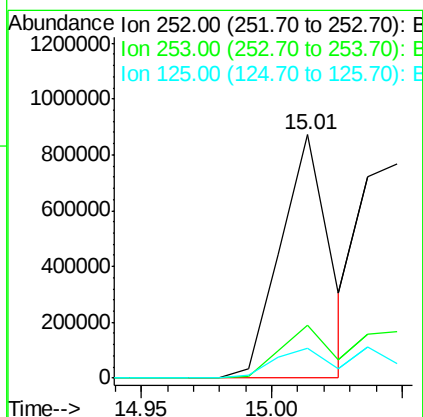
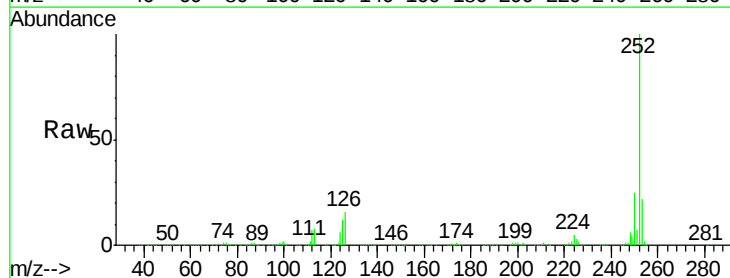
Instrument :
BNA_F
ClientSampleId :
B1-1MSD

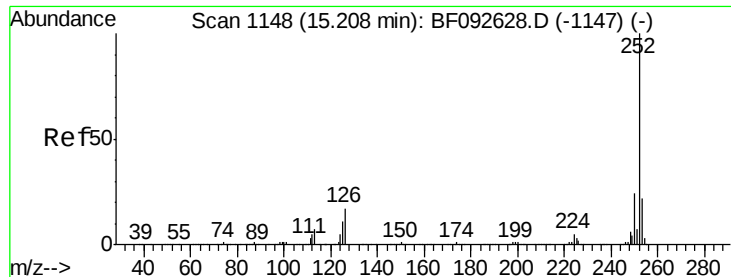
Tgt Ion: 264 Resp: 371067
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.4 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 46.25 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion: 252 Resp: 1129666
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.1 9.8 14.6

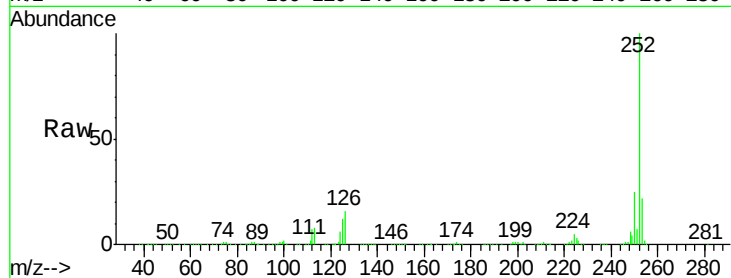




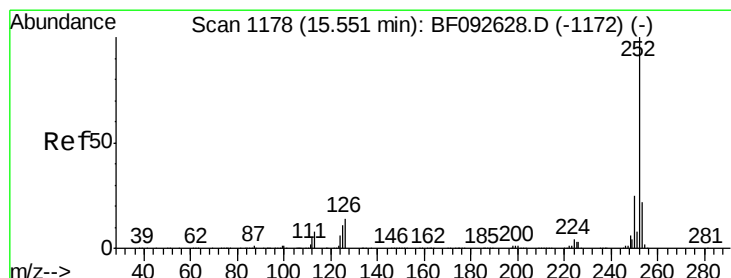
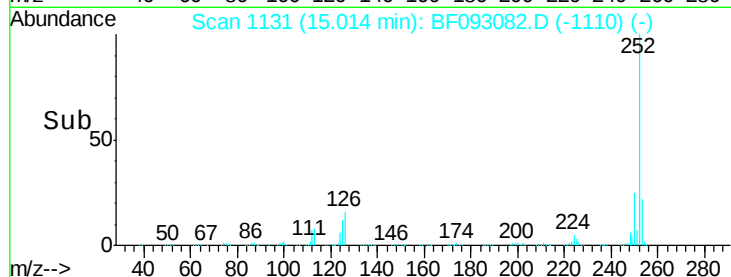
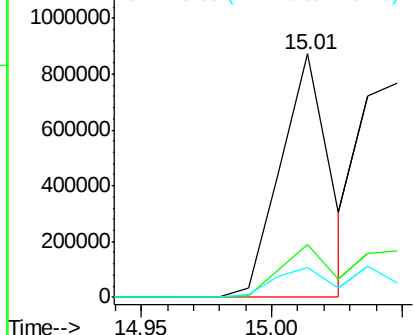
#88
Benzo(k)fluoranthene
Concen: 53.57 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.06 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Instrument :
BNA_F
ClientSampled :
B1-1MSD

Tgt Ion:252 Resp: 1129666
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 12.1 8.9 13.3

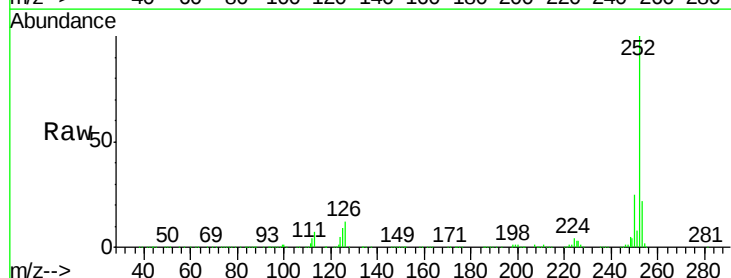


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

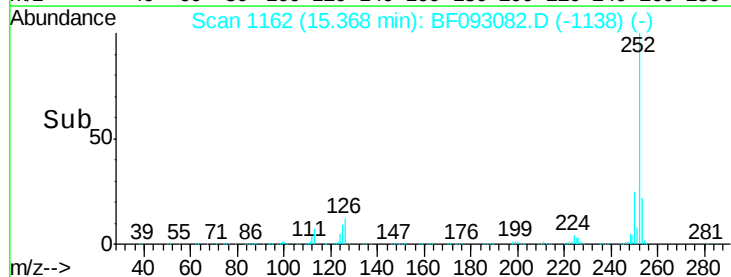
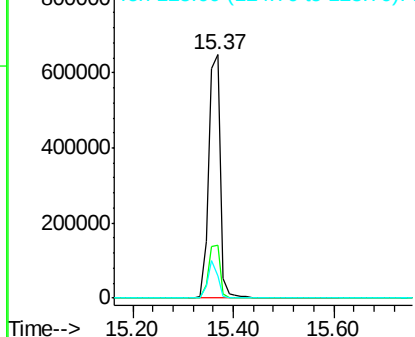


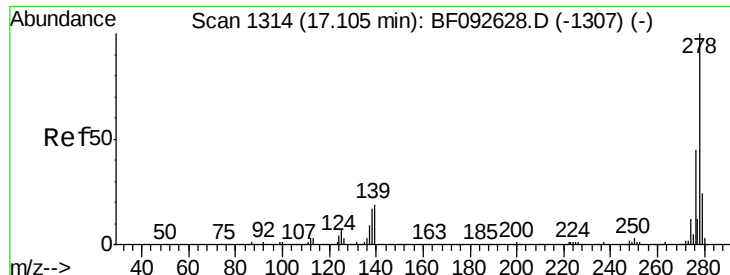
#89
Benzo(a)pyrene
Concen: 48.72 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion:252 Resp: 1029210
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 9.1 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



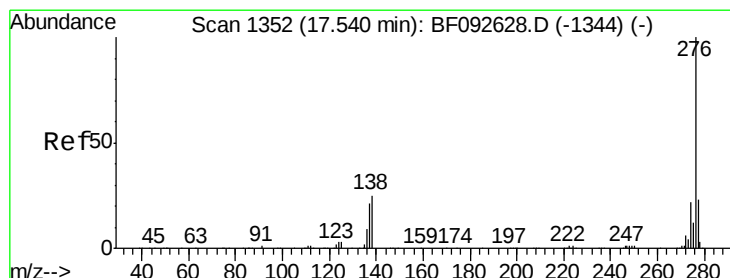
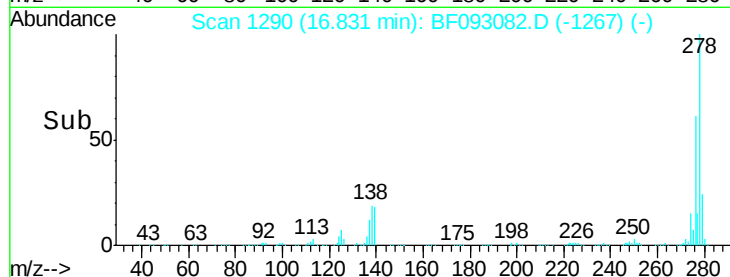
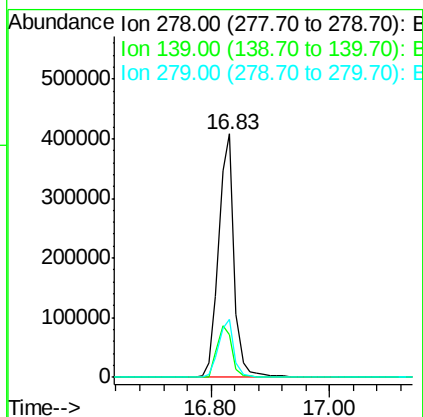
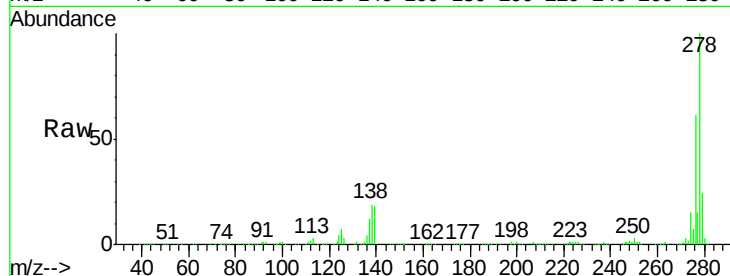


#90
Dibenzo(a,h)anthracene
Concen: 43.67 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Instrument :
BNA_F
ClientSampleId :
B1-1MSD

Tgt Ion: 278 Resp: 745680

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.8	22.2
279	23.9	19.8	29.6



#91
Benzo(g,h,i)perylene
Concen: 44.45 ng
RT: 17.23 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF093082.D
Acq: 22 Feb 2017 18:24

Tgt Ion: 276 Resp: 766671

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	30.2	16.0	24.0

