

Data File : BF093133.D
Acq On : 24 Feb 2017 6:30
Operator : SJ/MA
Sample : PB97121BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Quant Time: Feb 24 07:09:44 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	151358	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	562873	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	239643	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	361354	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	283616	20.00	ng	-0.02
86) Perylene-d12	15.43	264	257207	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	773964	87.73	ng	0.00
7) Phenol-d6	6.49	99	964445	84.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	814418	80.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	140016	80.78	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1388755	104.99	ng	-0.01
78) Terphenyl-d14	12.95	244	834013	69.10	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	152543	32.00	ng	# 83
3) Pyridine	3.20	79	389892	32.16	ng	87
4) n-Nitrosodimethylamine	3.15	42	224084	39.37	ng	87
6) Aniline	6.50	93	213802	13.81	ng	# 37
8) 2-Chlorophenol	6.62	128	372643	38.29	ng	93
9) Benzaldehyde	6.38	77	176816	21.74	ng	94
10) Phenol	6.50	94	533102	40.14	ng	80
11) bis(2-Chloroethyl)ether	6.58	93	391043	36.89	ng	95
12) 1,3-Dichlorobenzene	6.78	146	433000	37.98	ng	97
13) 1,4-Dichlorobenzene	6.85	146	417302	36.17	ng	99
14) 1,2-Dichlorobenzene	7.01	146	411911	37.34	ng	96
15) Benzyl Alcohol	6.99	79	300450	35.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	698861	37.95	ng	95
17) 2-Methylphenol	7.10	107	305597	36.60	ng	99
18) Hexachloroethane	7.36	117	127332	32.33	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	282615	39.11	ng	98
20) 3+4-Methylphenols	7.26	107	395225	39.59	ng	# 87
22) Acetophenone	7.25	105	507946	39.52	ng	# 98
24) Nitrobenzene	7.44	77	399294	38.47	ng	# 83
25) Isophorone	7.66	82	719389	38.19	ng	93
26) 2-Nitrophenol	7.74	139	175282	35.53	ng	91
27) 2,4-Dimethylphenol	7.79	122	344262	39.73	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	484829	38.87	ng	99
29) 2,4-Dichlorophenol	8.00	162	315520	39.04	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	325113	37.33	ng	99
31) Naphthalene	8.16	128	1006734	35.28	ng	98
32) Benzoic acid	7.92	122	164129	35.61	ng	97
33) 4-Chloroaniline	8.20	127	111040	9.92	ng	98
34) Hexachlorobutadiene	8.27	225	174547	36.43	ng	99
35) Caprolactam	8.58	113	97922	38.52	ng	# 42
36) 4-Chloro-3-methylphenol	8.69	107	298879	35.48	ng	96
37) 2-Methylnaphthalene	8.84	142	686092	37.45	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	285384	42.42	ng	98
40) Hexachlorocyclopentadiene	8.99	237	55618	18.33	ng	95

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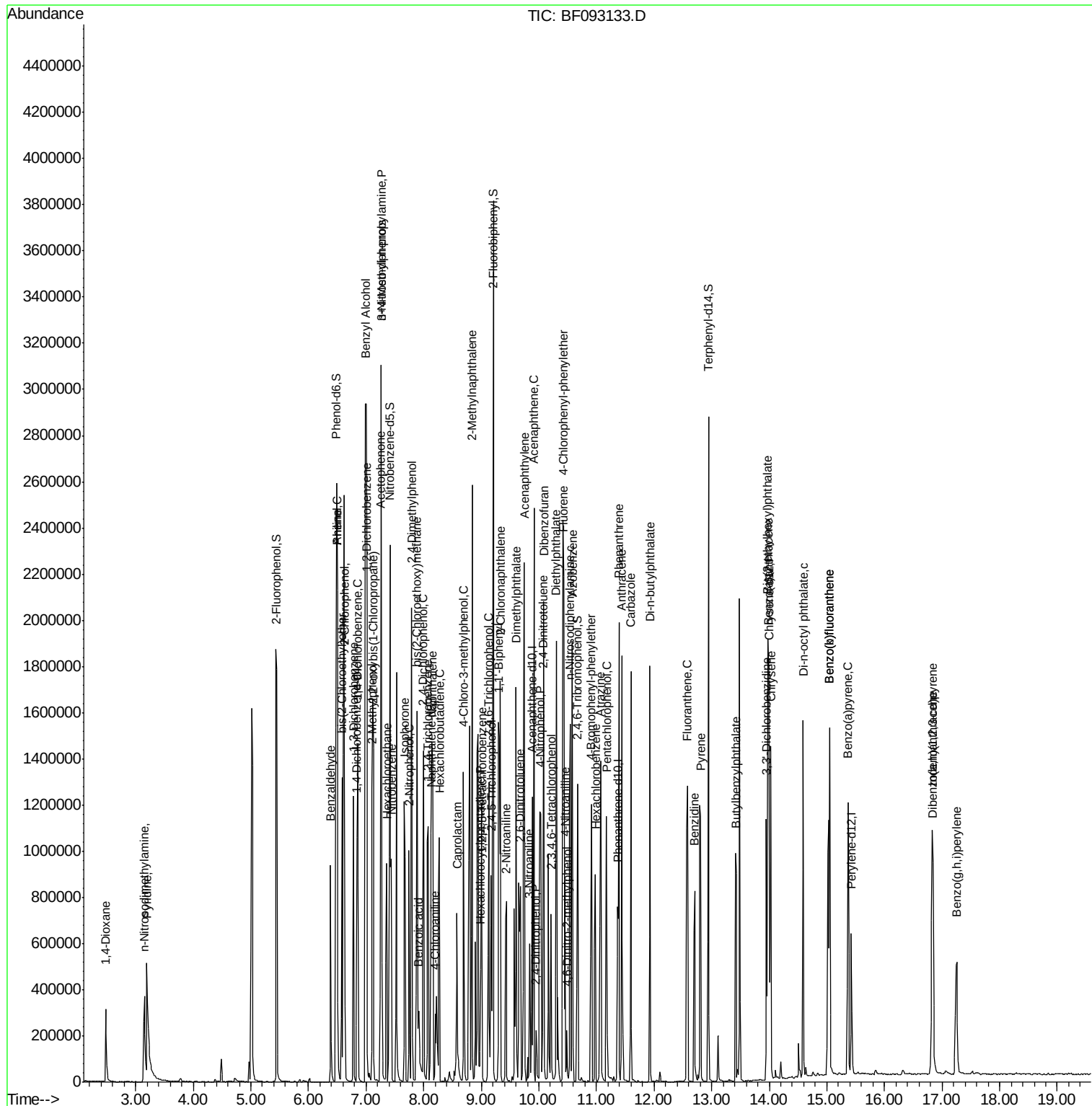
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	201767	45.65	ng	93
43) 2,4,5-Trichlorophenol	9.17	196	192656	39.78	ng	# 82
45) 1,1'-Biphenyl	9.31	154	761836	43.90	ng	98
46) 2-Chloronaphthalene	9.33	162	629221	46.35	ng	97
47) 2-Nitroaniline	9.42	65	201042	44.05	ng	87
48) Acenaphthylene	9.74	152	960928	40.98	ng	98
49) Dimethylphthalate	9.61	163	724349	44.88	ng	99
50) 2,6-Dinitrotoluene	9.68	165	159501	45.76	ng	# 83
51) Acenaphthene	9.92	154	557548	39.77	ng	97
52) 3-Nitroaniline	9.84	138	86322	21.64	ng	91
53) 2,4-Dinitrophenol	9.95	184	35588	23.62	ng	# 35
54) Dibenzofuran	10.09	168	808040	43.09	ng	94
55) 4-Nitrophenol	10.02	139	202851	70.60	ng	# 74
56) 2,4-Dinitrotoluene	10.08	165	174181	37.53	ng	96
57) Fluorene	10.43	166	608264	42.16	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	133101	41.20	ng	95
59) Diethylphthalate	10.30	149	702877	46.21	ng	97
60) 4-Chlorophenyl-phenylether	10.42	204	282369	40.74	ng	89
61) 4-Nitroaniline	10.45	138	142153	34.79	ng	92
62) Azobenzene	10.58	77	720782	45.86	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	33987	17.26	ng	88
65) n-Nitrosodiphenylamine	10.54	169	544126	47.14	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	160853	42.61	ng	# 89
67) Hexachlorobenzene	10.98	284	150688	40.39	ng	94
68) Atrazine	11.07	200	174401	47.08	ng	99
69) Pentachlorophenol	11.17	266	136383	71.64	ng	98
70) Phenanthrene	11.39	178	790208	38.17	ng	98
71) Anthracene	11.44	178	753661	36.25	ng	98
72) Carbazole	11.60	167	661397	33.28	ng	98
73) Di-n-butylphthalate	11.93	149	984814	45.82	ng	# 96
74) Fluoranthene	12.58	202	739038	34.61	ng	91
76) Benzidine	12.71	184	455438	37.68	ng	96
77) Pyrene	12.81	202	728346	34.32	ng	97
79) Butylbenzylphthalate	13.43	149	341055	39.57	ng	# 74
80) Benzo(a)anthracene	13.99	228	644179	37.14	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	227780	36.84	ng	99
82) Chrysene	14.03	228	641209	39.48	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	487908	41.39	ng	100
84) Di-n-octyl phthalate	14.59	149	878909	45.79	ng	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	518480	41.21	ng	# 93
87) Benzo(b)fluoranthene	15.05	252	1217749	71.93	ng	99
88) Benzo(k)fluoranthene	15.05	252	1217749	83.31	ng	97
89) Benzo(a)pyrene	15.37	252	558792	38.16	ng	# 96
90) Dibenzo(a,h)anthracene	16.84	278	451030	38.11	ng	99
91) Benzo(g,h,i)perylene	17.25	276	408818	34.19	ng	# 93

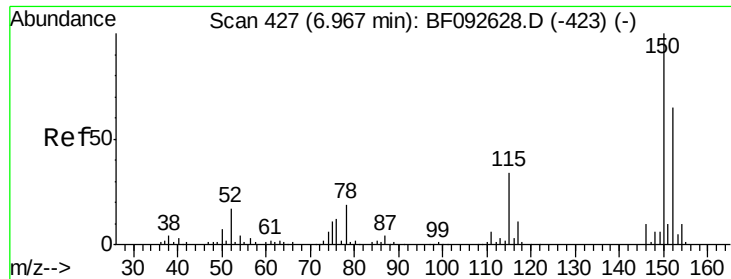
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 29 Sample Multiplier: 1

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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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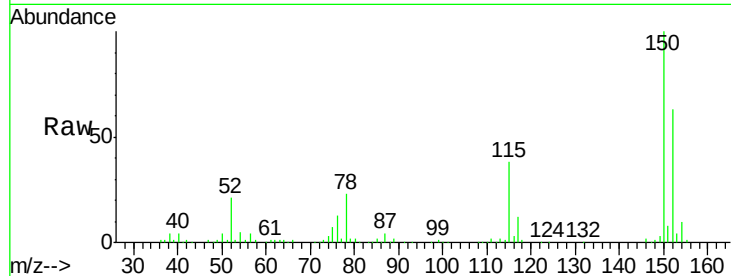
Tgt Ion:152 Resp: 151358

Ion Ratio Lower Upper

152 100

150 158.7 124.9 187.3

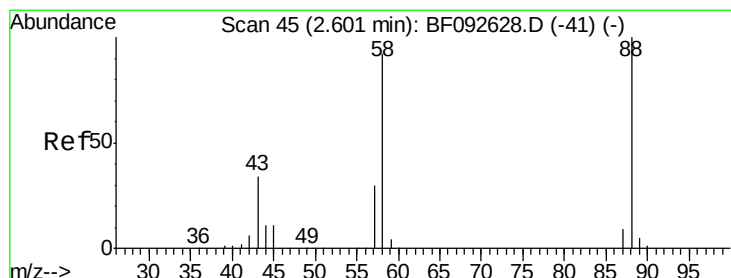
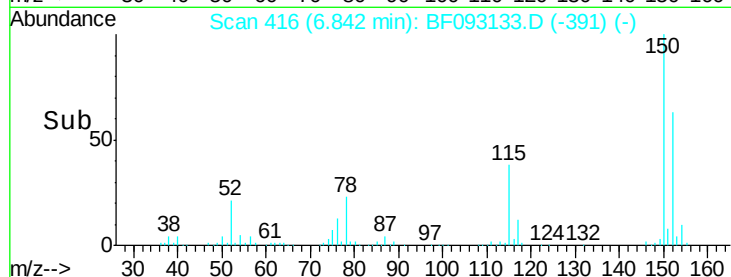
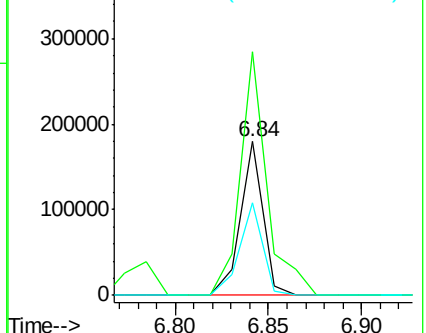
115 59.9 46.0 69.0



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: 32.00 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.05 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

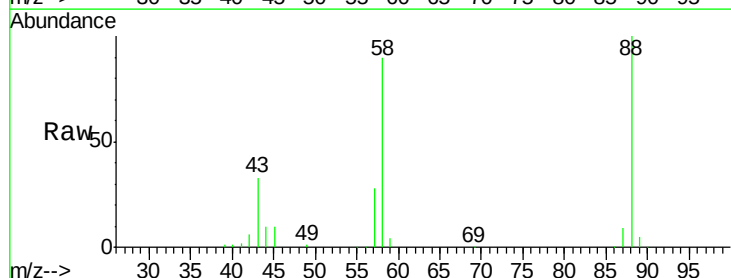
Tgt Ion: 88 Resp: 152543

Ion Ratio Lower Upper

88 100

58 88.7 57.8 86.8#

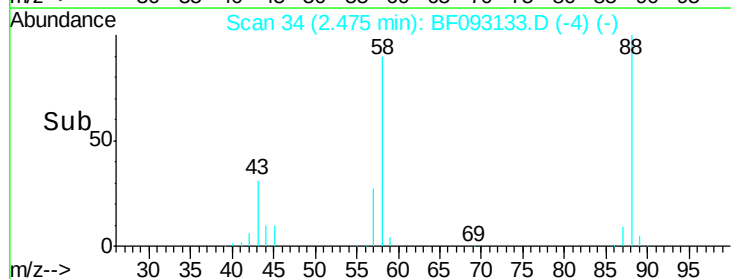
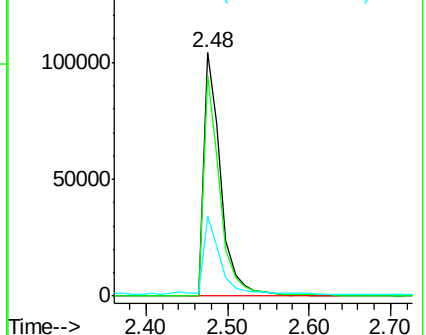
43 33.8 22.3 33.5#

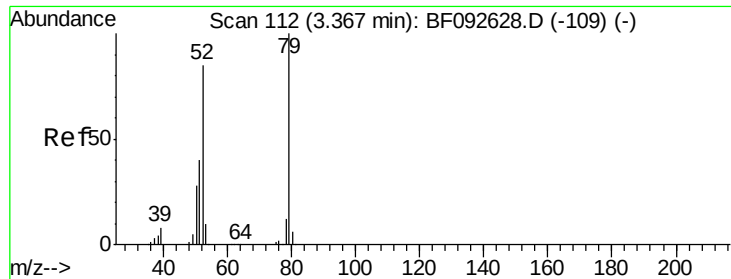


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.16 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093133.D

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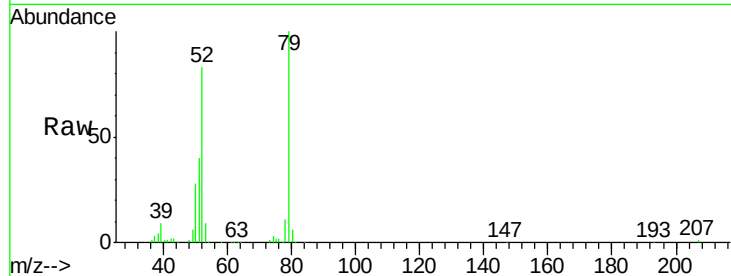
Tgt Ion: 79 Resp: 389892

Ion Ratio Lower Upper

79 100

52 83.2 57.1 85.7

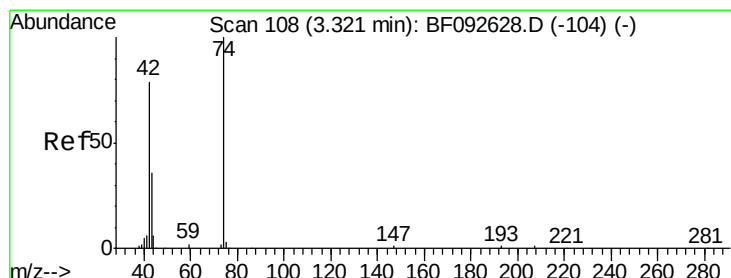
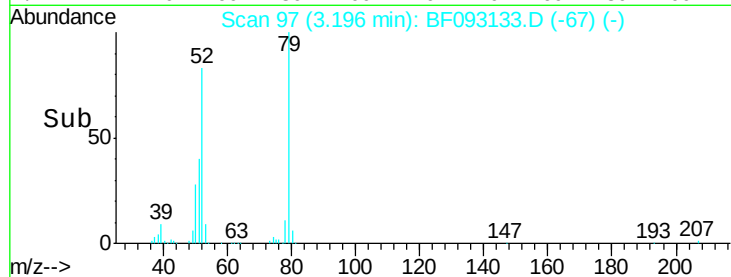
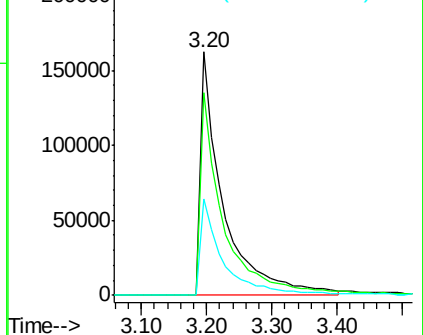
51 39.7 27.3 40.9



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: 39.37 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.05 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

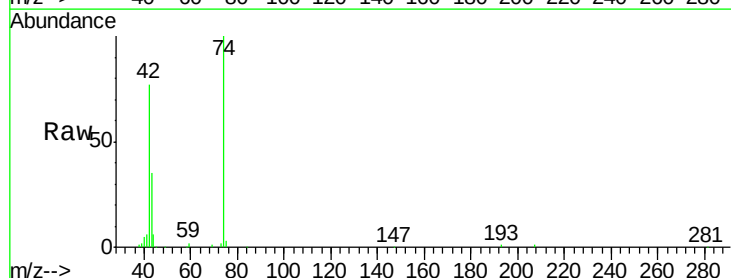
Tgt Ion: 42 Resp: 224084

Ion Ratio Lower Upper

42 100

74 129.0 117.0 175.4

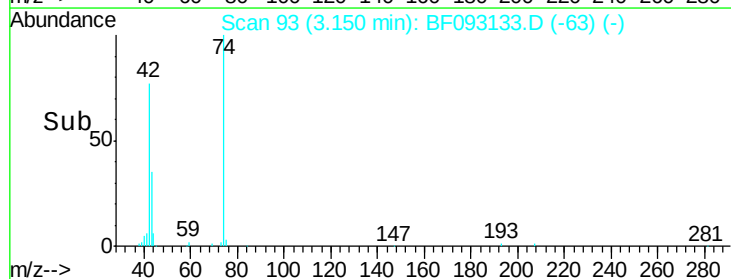
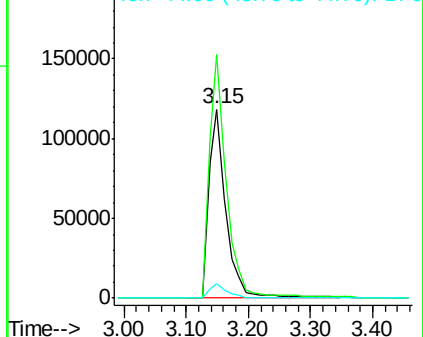
44 7.3 5.5 8.3

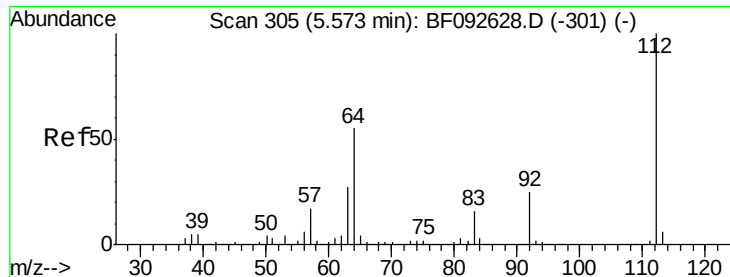


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 87.73 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

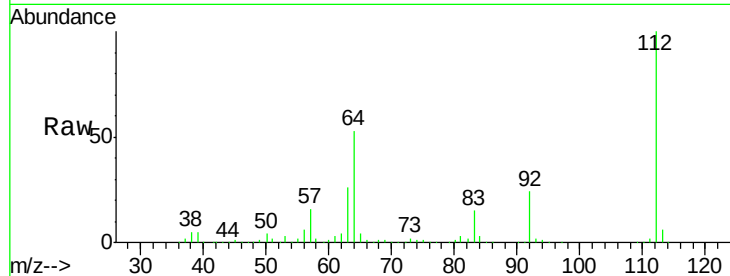
Instrument :

BNA_F

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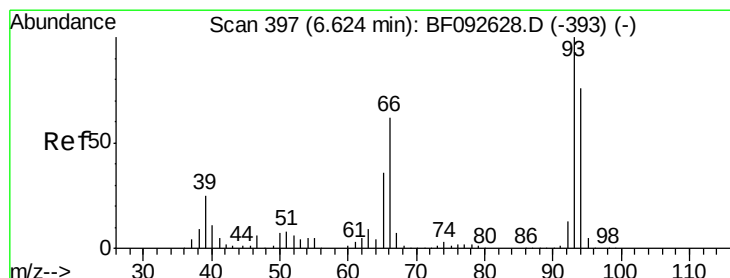
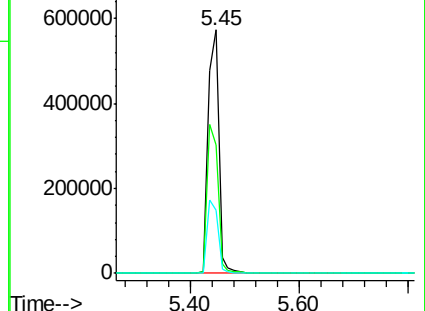
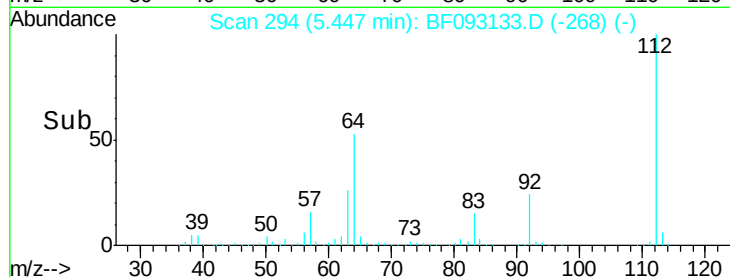
Tgt Ion:	112	Resp:	773964
Ion Ratio	Lower	Upper	
112	100		
64	52.9	46.1	69.1
63	25.8	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.81 ng

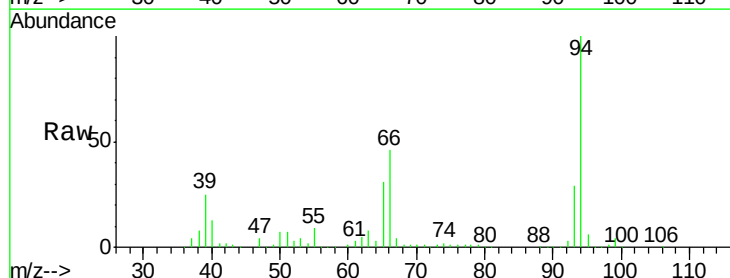
RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

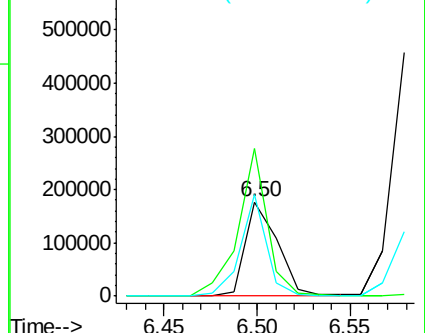
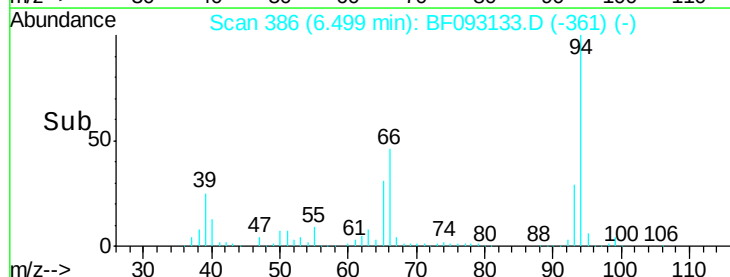
Tgt Ion:	93	Resp:	213802
Ion Ratio	Lower	Upper	
93	100		
66	158.0	76.2	114.2#
65	108.9	49.3	73.9#

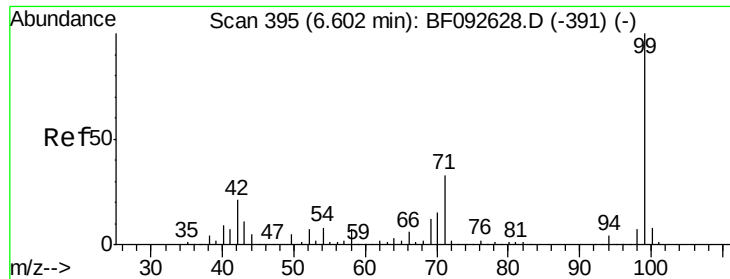


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.96 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

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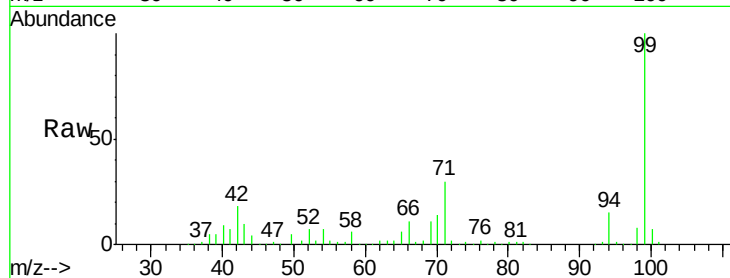
Tgt Ion: 99 Resp: 964445

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

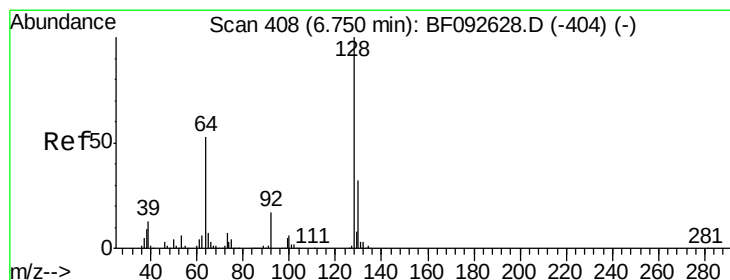
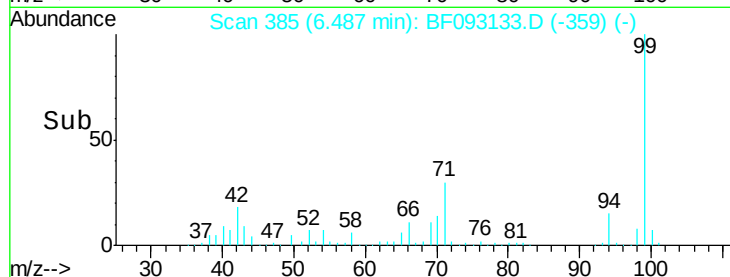
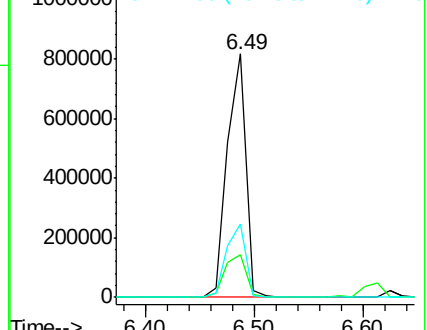
71 29.9 27.5 41.3



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: 38.29 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

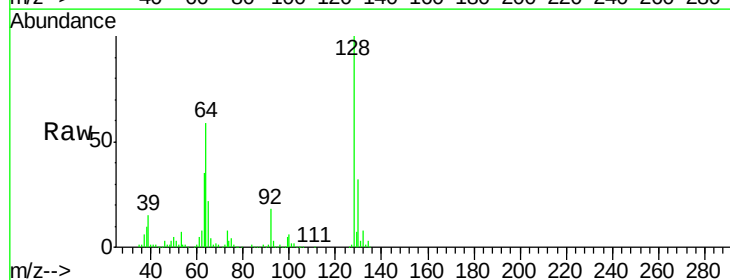
Tgt Ion: 128 Resp: 372643

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

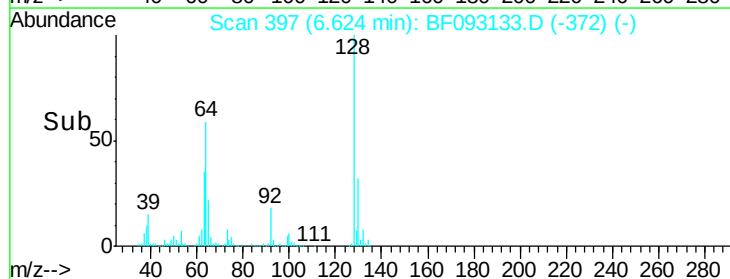
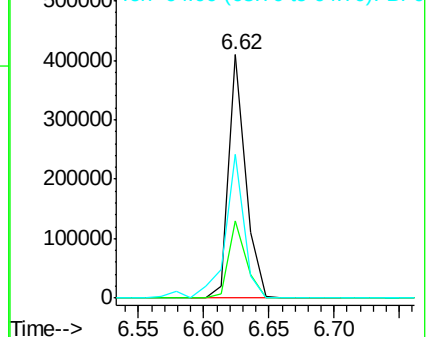
64 59.3 32.2 72.2

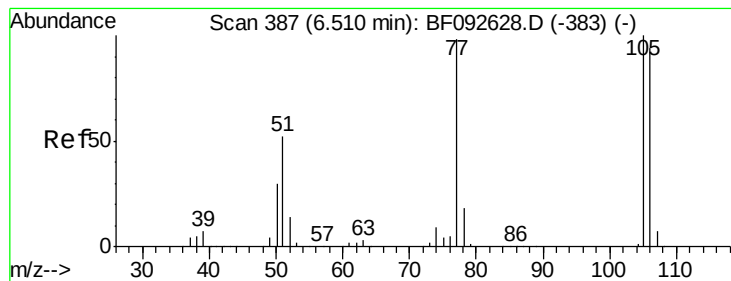


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.74 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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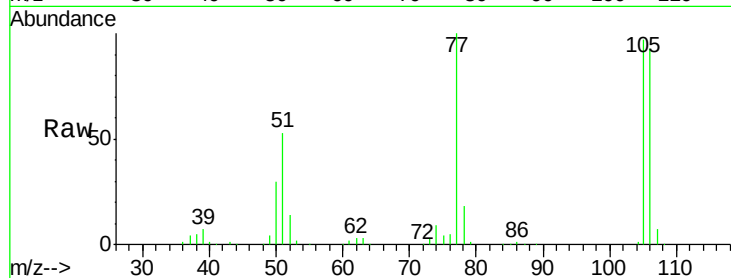
Tgt Ion: 77 Resp: 176816

Ion Ratio Lower Upper

77 100

105 97.3 83.9 123.9

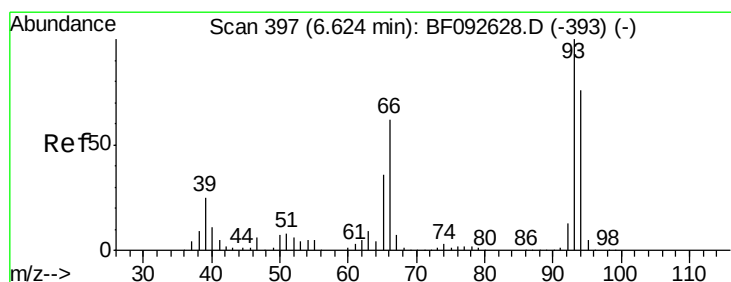
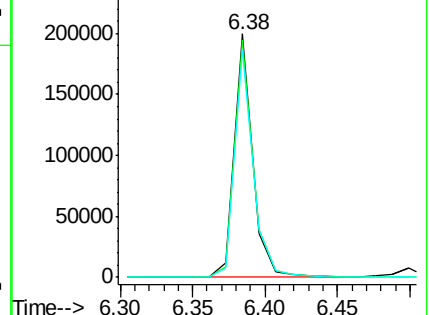
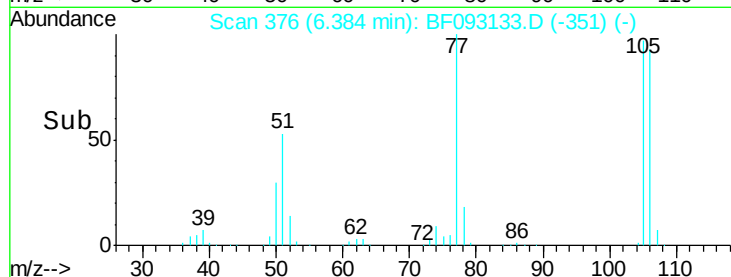
106 93.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.14 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

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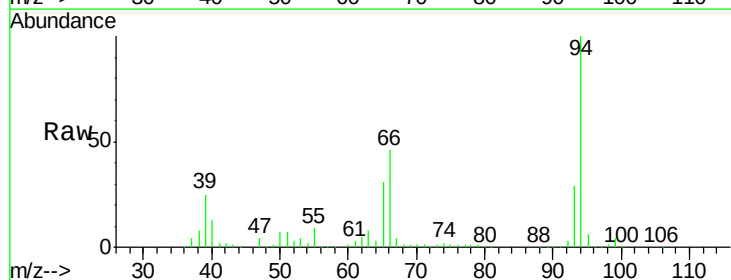
Tgt Ion: 94 Resp: 533102

Ion Ratio Lower Upper

94 100

65 31.5 21.4 61.4

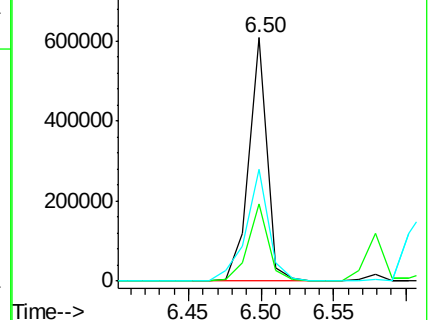
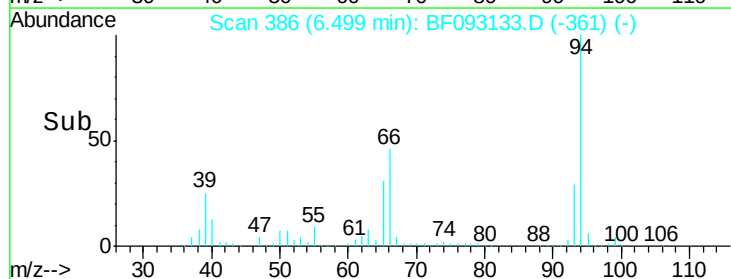
66 45.7 44.0 84.0

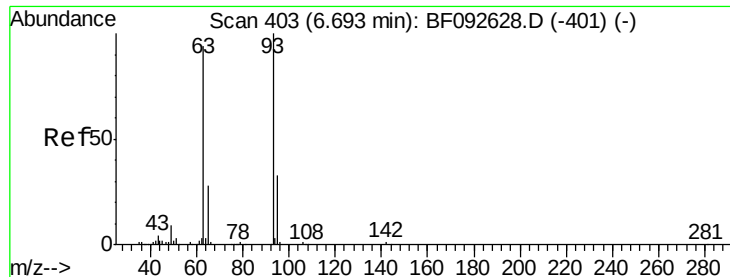


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

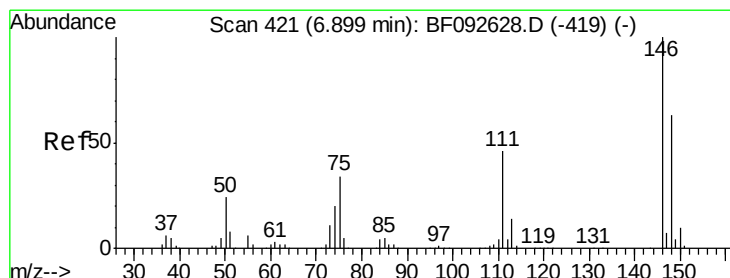
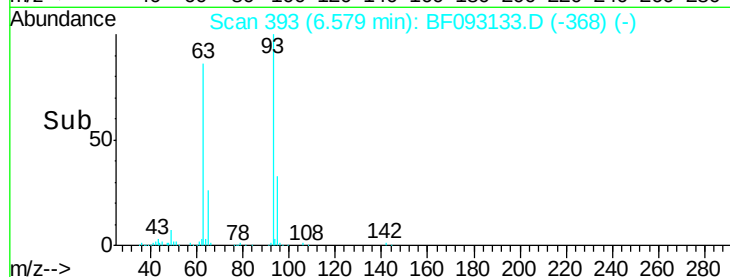
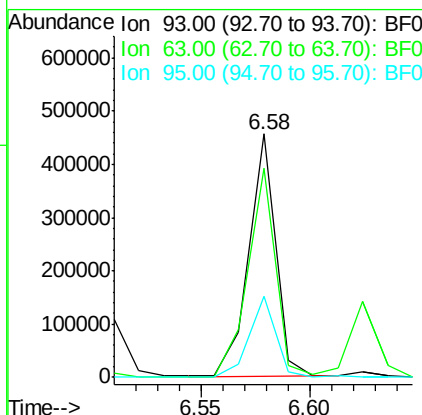
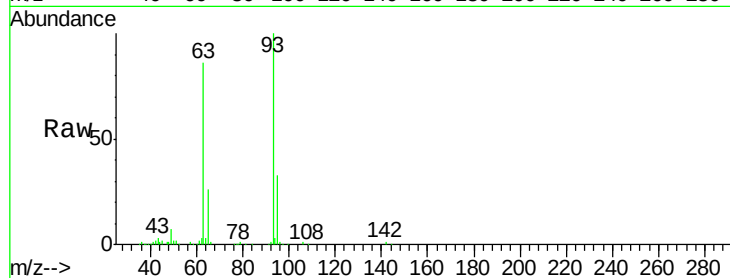




#11
bis(2-Chloroethyl)ether
Concen: 36.89 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

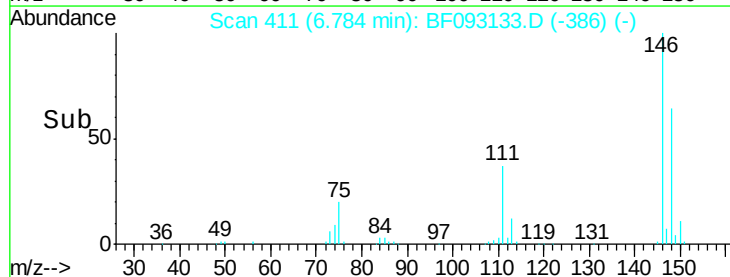
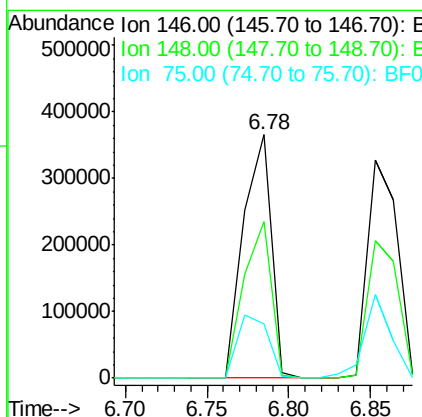
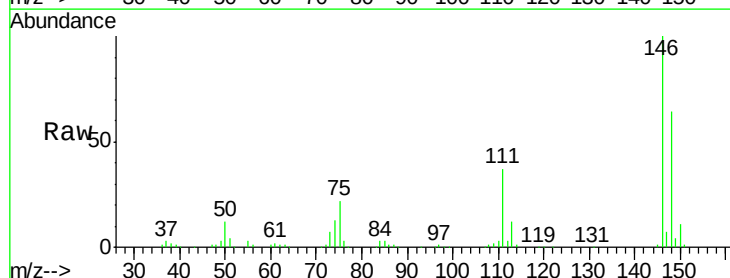
Instrument :
BNA_F
ClientSampleId :
PB97121BSD

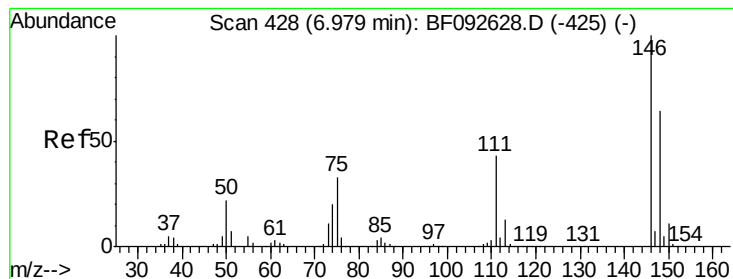
Tgt Ion: 93 Resp: 391043
Ion Ratio Lower Upper
93 100
63 86.0 60.4 100.4
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.98 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion: 146 Resp: 433000
Ion Ratio Lower Upper
146 100
148 64.5 53.4 80.0
75 22.3 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 36.17 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleID :

PB97121BSD

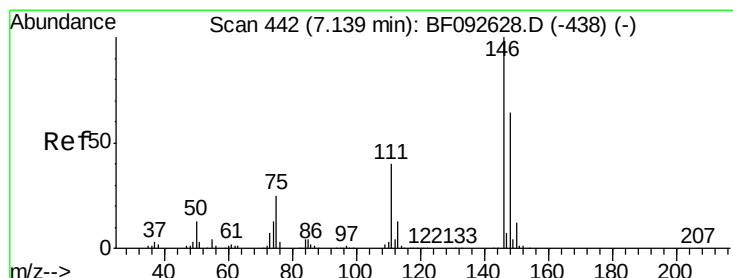
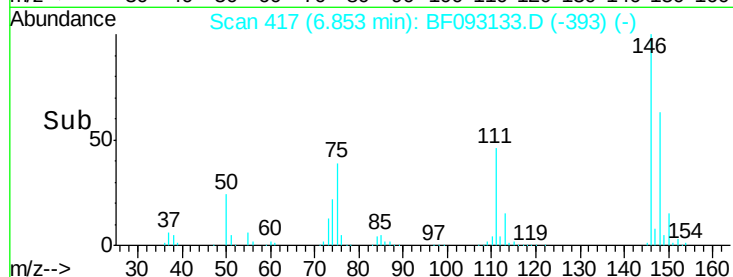
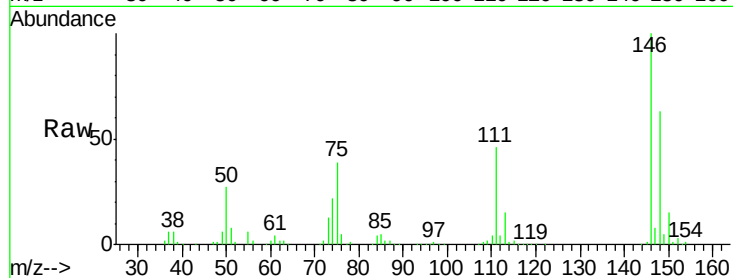
Tgt Ion:146 Resp: 417302

Ion Ratio Lower Upper

146 100

148 63.0 50.6 76.0

111 46.3 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 37.34 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

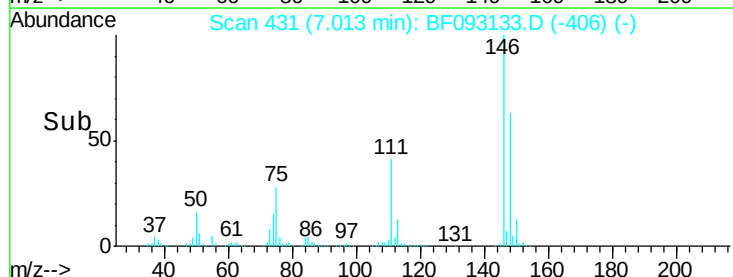
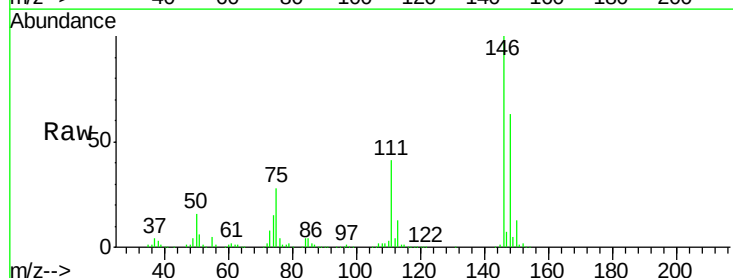
Tgt Ion:146 Resp: 411911

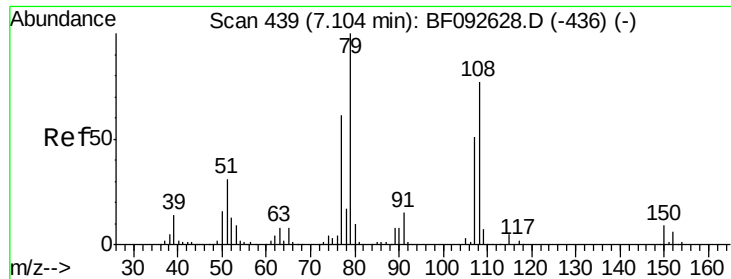
Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

111 41.3 36.2 54.2

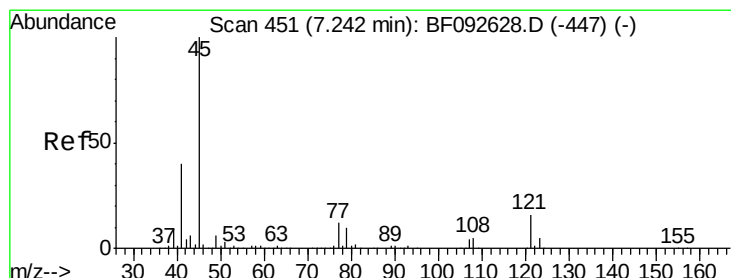
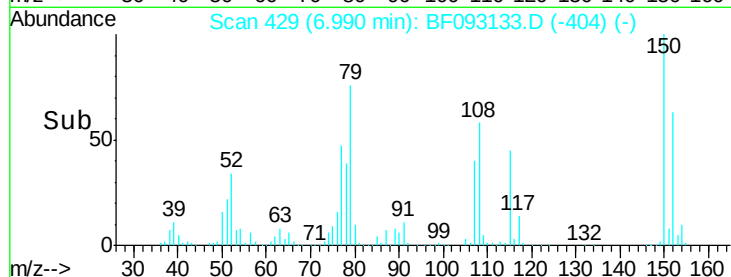
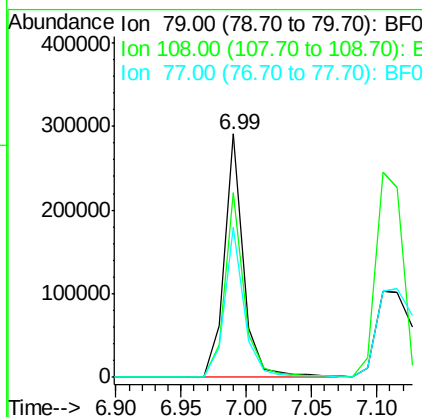
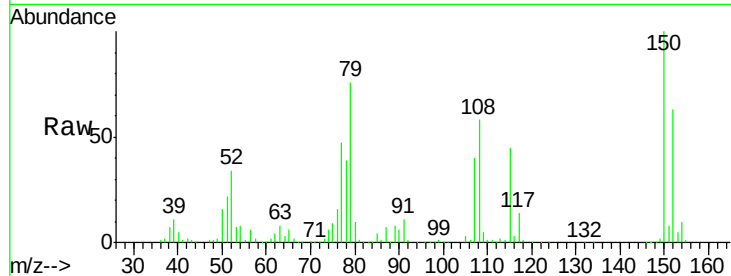




#15
Benzyl Alcohol
Concen: 35.75 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

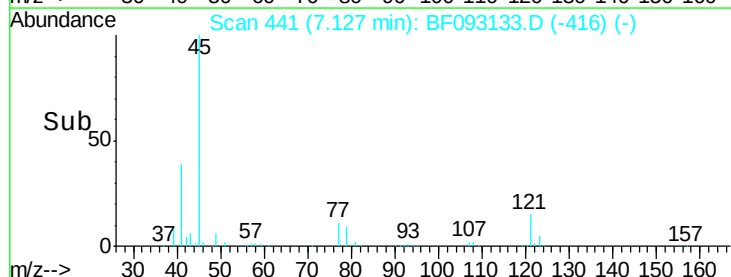
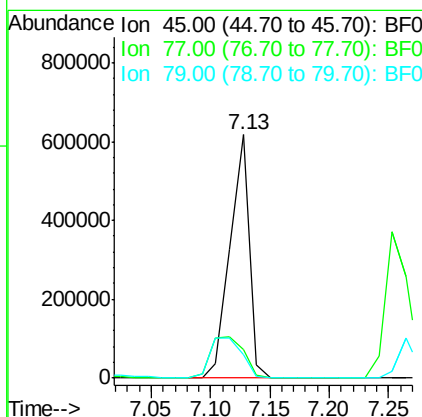
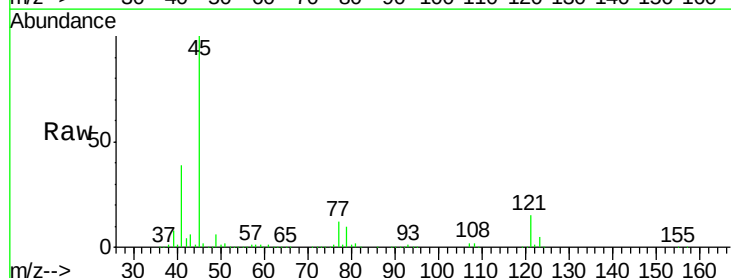
Instrument :
BNA_F
ClientSampleId :
PB97121BSD

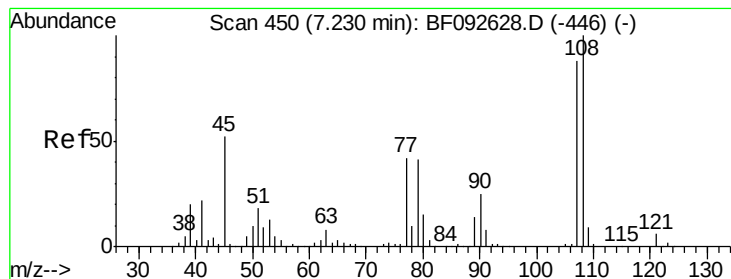
Tgt Ion: 79 Resp: 300450
Ion Ratio Lower Upper
79 100
108 76.1 61.4 92.0
77 61.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.95 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion: 45 Resp: 698861
Ion Ratio Lower Upper
45 100
77 11.8 0.0 34.6
79 9.8 0.0 31.2





#17

2-Methylphenol

Concen: 36.60 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

Tgt Ion:107 Resp: 305597

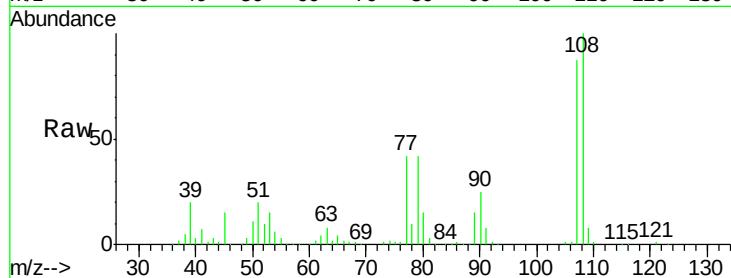
Ion Ratio Lower Upper

107 100

108 115.3 93.0 139.6

77 48.6 39.8 59.8

79 48.3 38.0 57.0

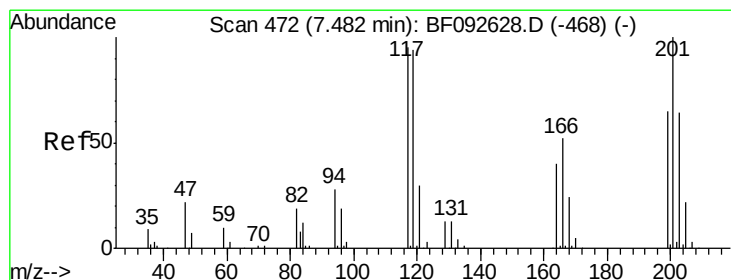
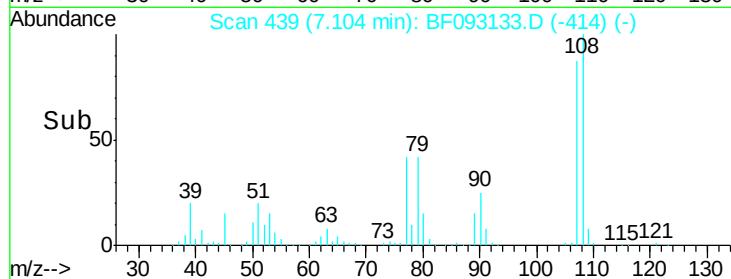
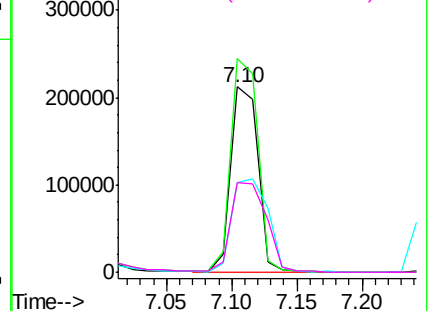


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.33 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

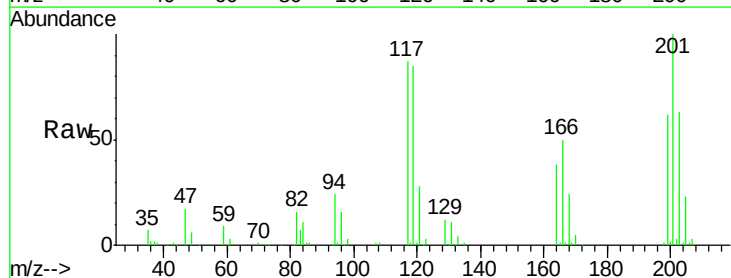
Tgt Ion:117 Resp: 127332

Ion Ratio Lower Upper

117 100

119 97.6 78.1 117.1

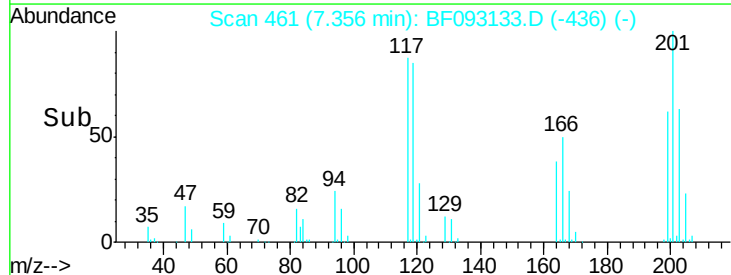
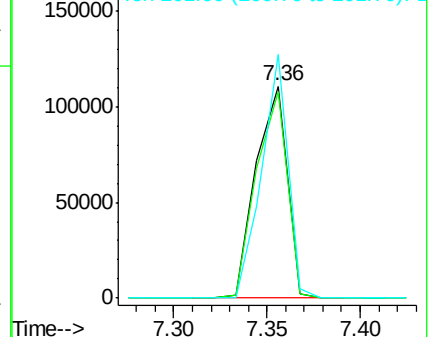
201 115.0 78.6 117.8

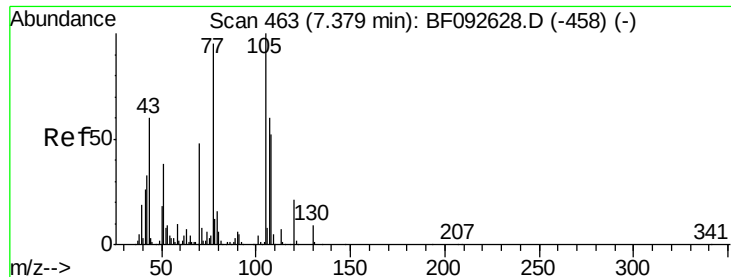


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

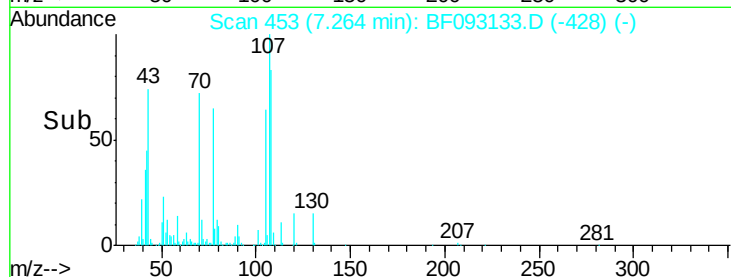
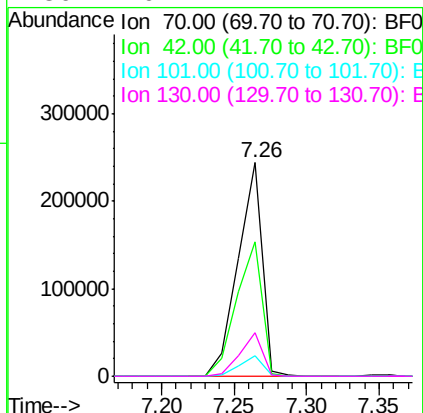
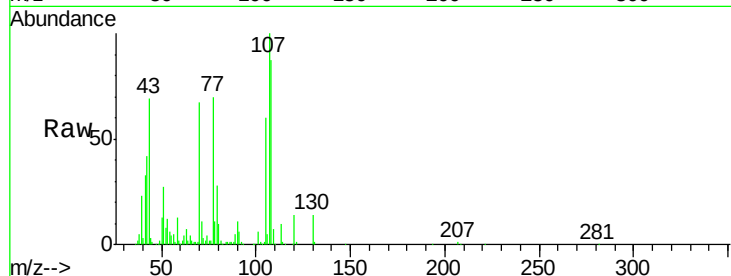




#19
n-Nitroso-di-n-propylamine
Concen: 39.11 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

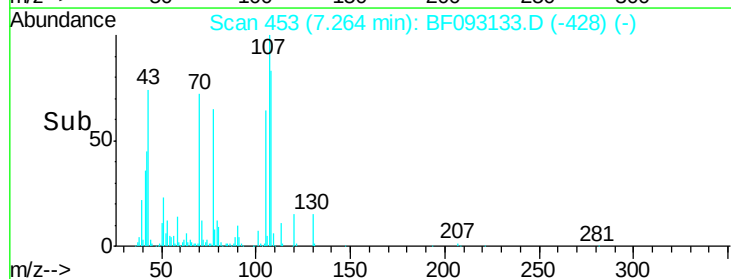
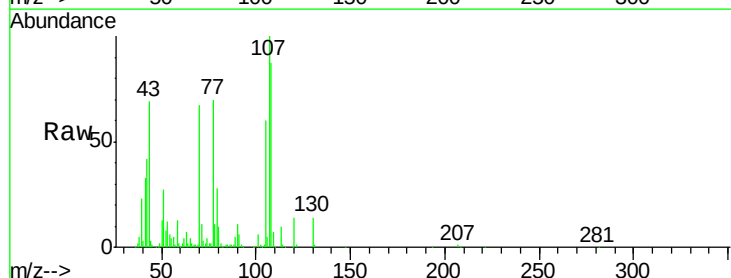
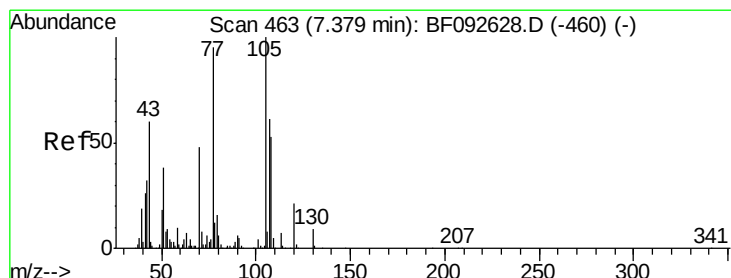
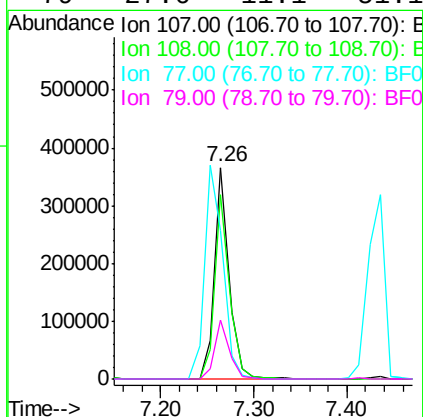
Instrument :
BNA_F
ClientSampleId :
PB97121BSD

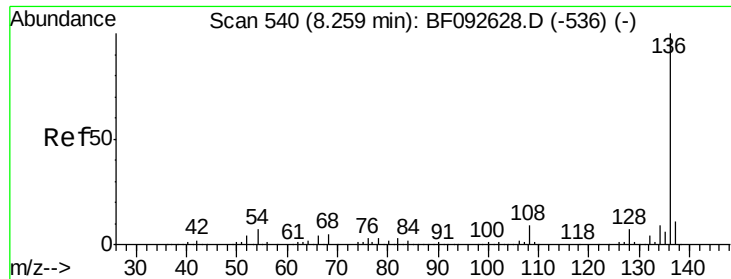
Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.7	49.4	74.0
101	9.5	7.4	11.2
130	20.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 39.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.0	113.0
77	69.9	71.3	111.3
79	27.6	11.1	51.1

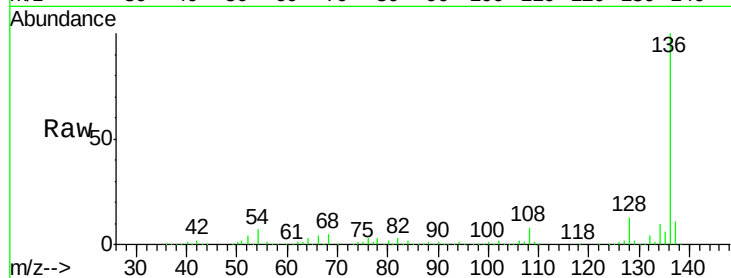




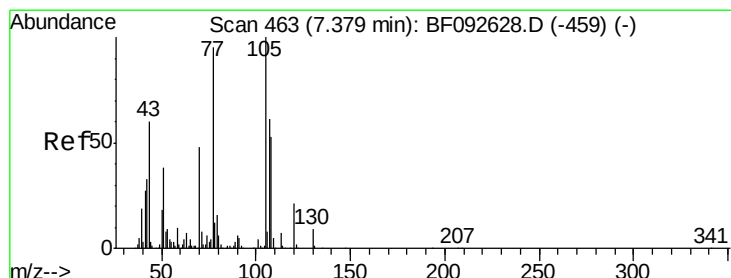
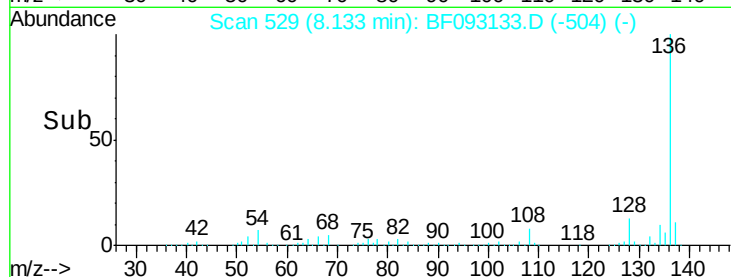
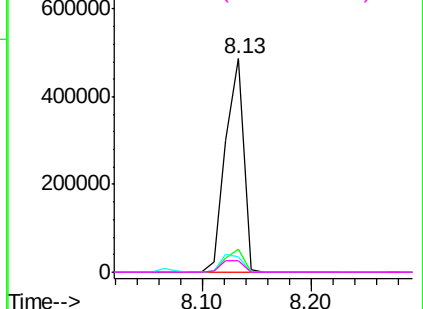
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tgt Ion:	136	Resp:	562873
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.4	12.6
54	7.2	4.5	6.7#
68	5.3	3.6	5.4

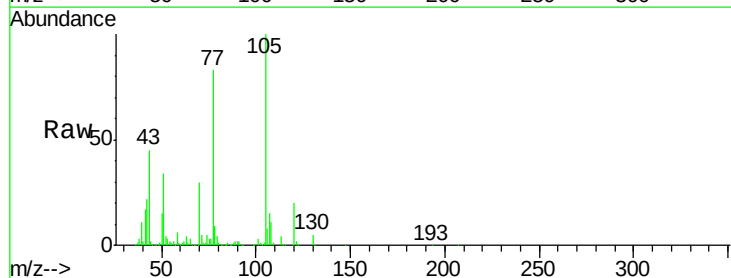


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

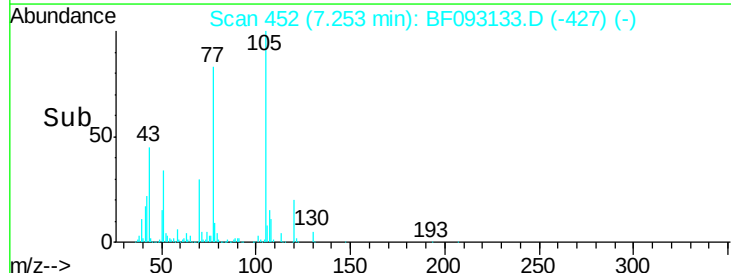
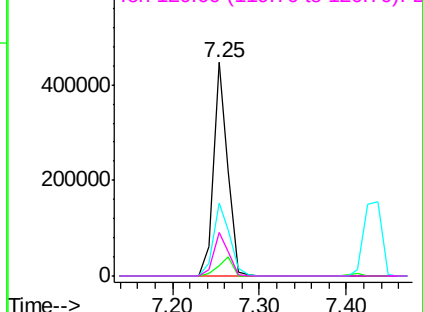


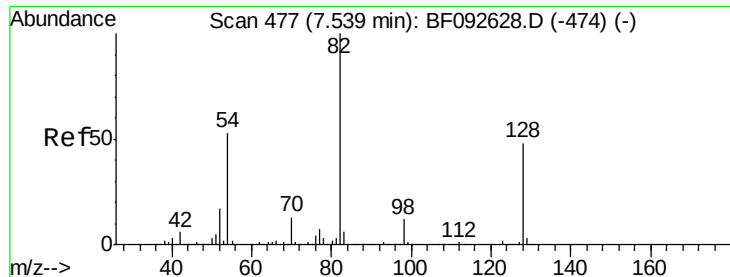
#22
Acetophenone
Concen: 39.52 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion:	105	Resp:	507946
Ion Ratio	Lower	Upper	
105	100		
71	5.1	3.2	4.8#
51	34.3	26.2	39.4
120	20.5	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

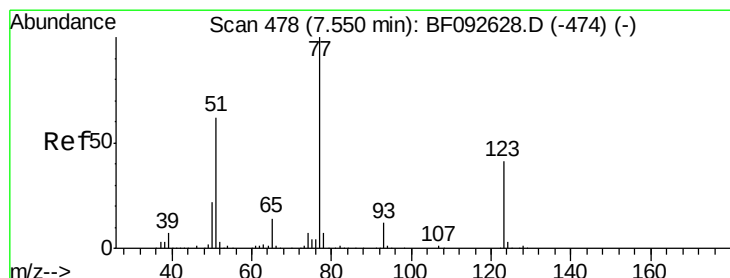
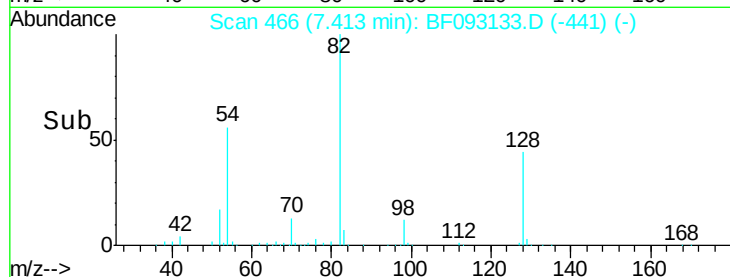
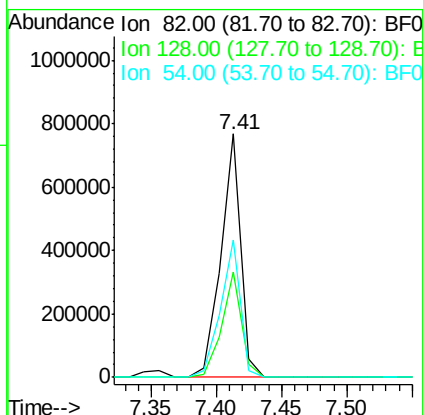
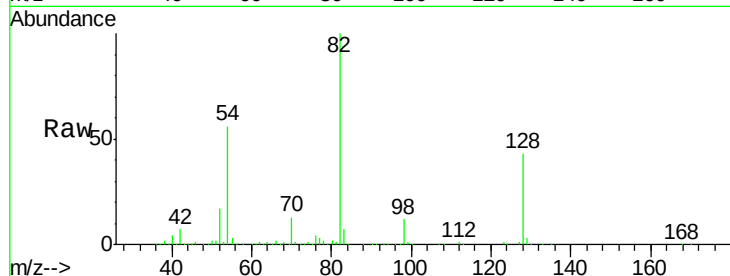




#23
 Nitrobenzene-d5
 Concen: 80.57 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

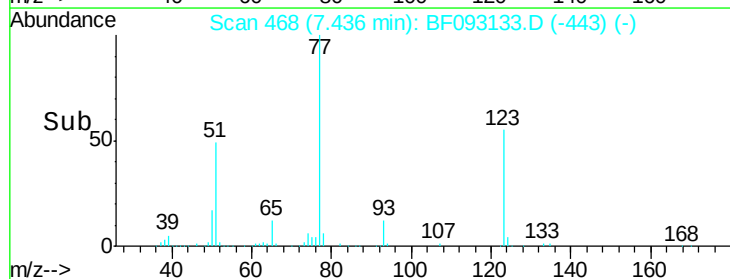
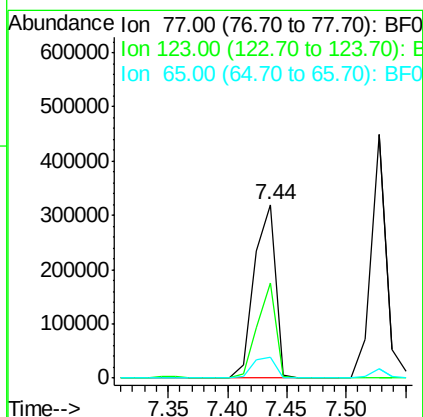
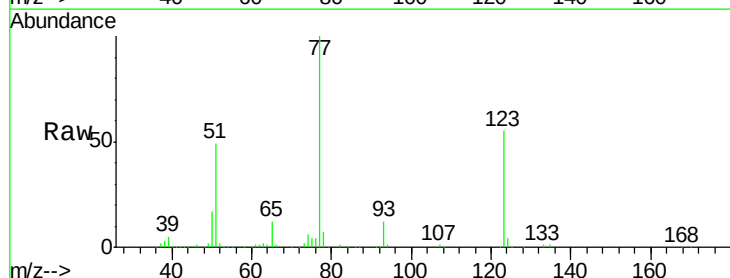
Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

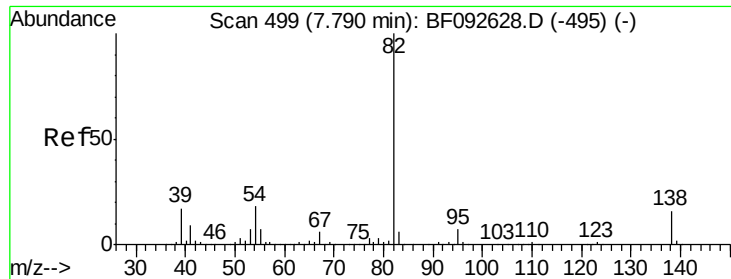
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	56.2	39.5	59.3



#24
 Nitrobenzene
 Concen: 38.47 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.9	33.0	49.4#
65	12.3	11.2	16.8





#25

Isophorone

Concen: 38.19 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

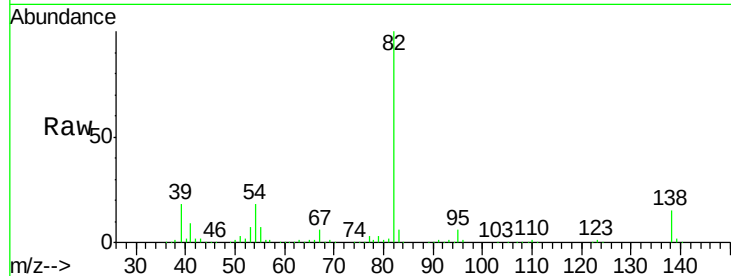
Tgt Ion: 82 Resp: 719389

Ion Ratio Lower Upper

82 100

95 6.1 5.6 8.4

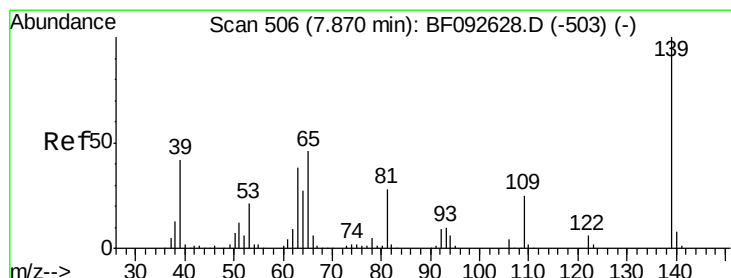
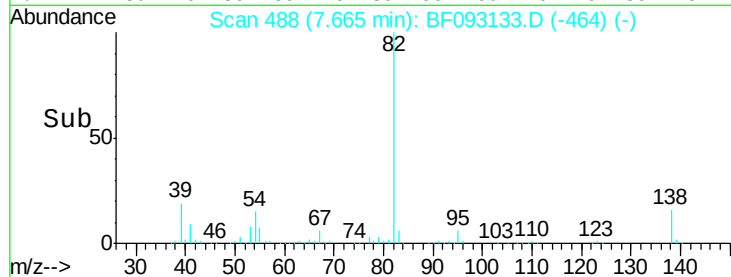
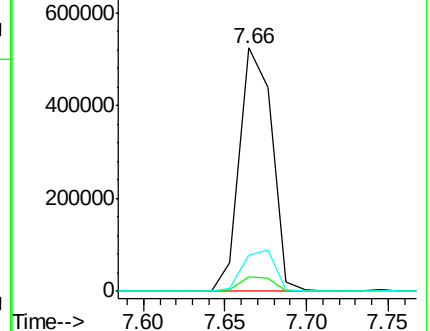
138 14.7 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.53 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

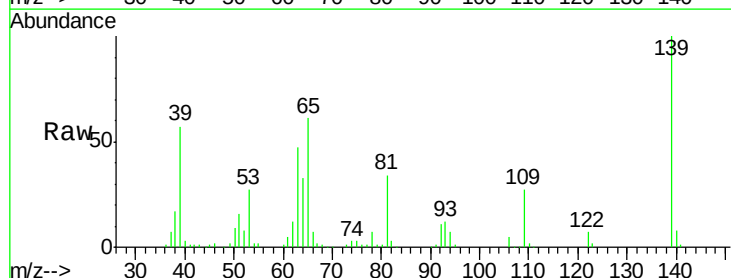
Tgt Ion: 139 Resp: 175282

Ion Ratio Lower Upper

139 100

109 26.6 23.3 34.9

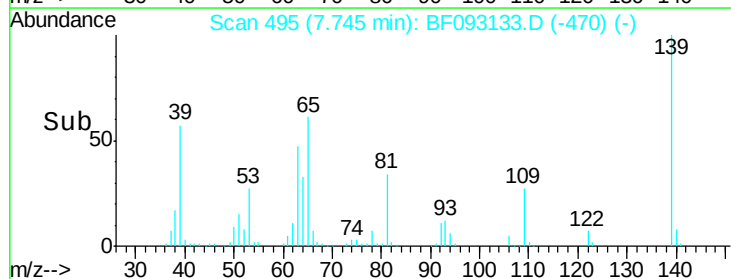
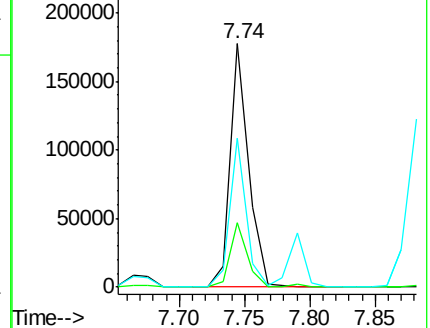
65 60.9 42.7 64.1

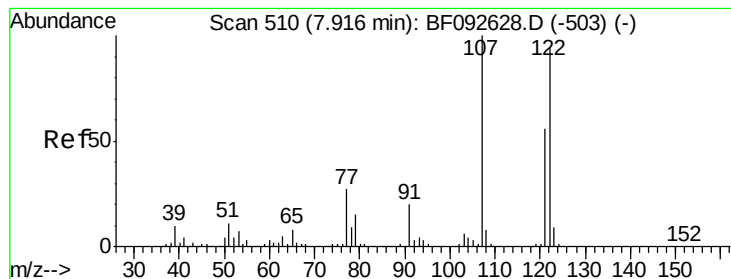


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

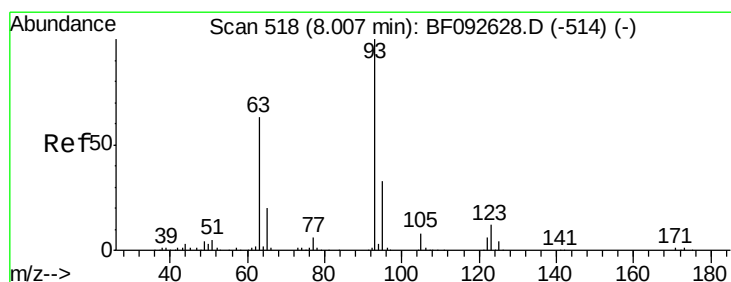
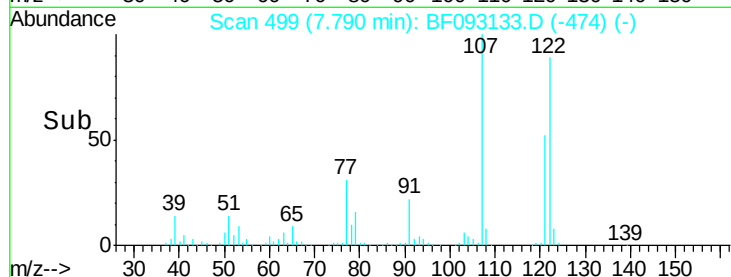
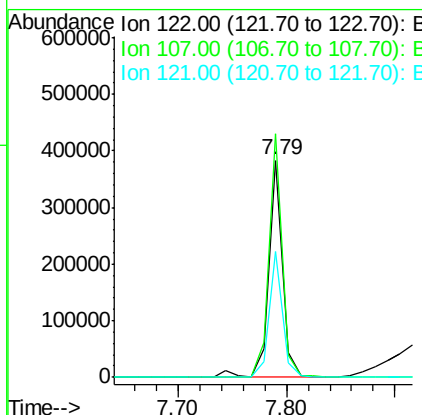
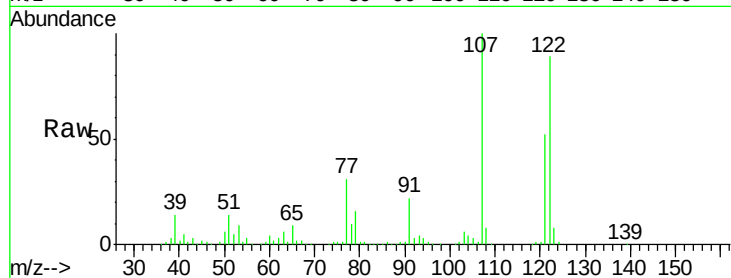




#27
 2,4-Dimethylphenol
 Concen: 39.73 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

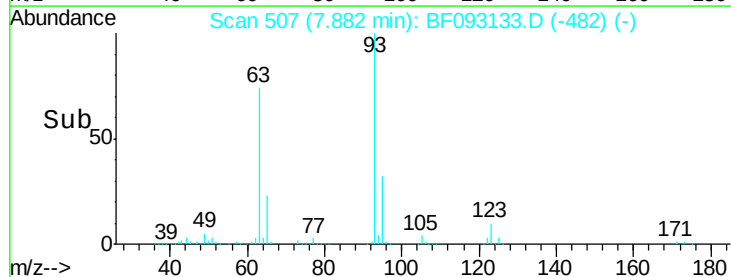
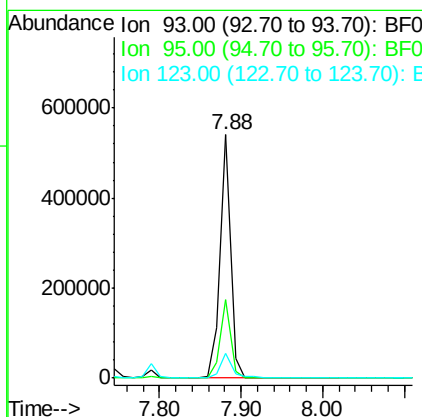
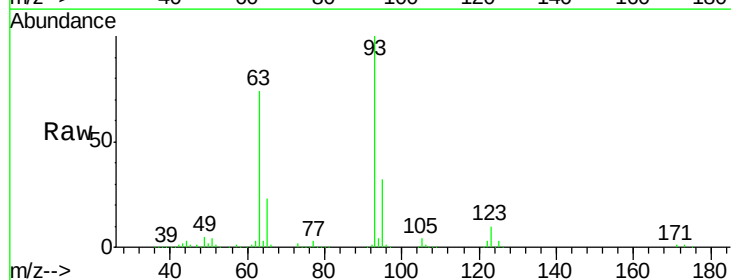
Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

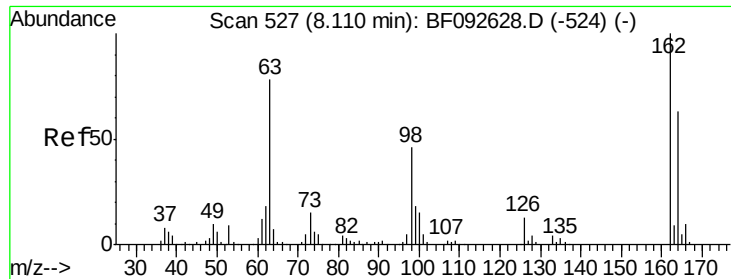
Tgt Ion: 122 Resp: 344262
 Ion Ratio Lower Upper
 122 100
 107 112.3 94.1 141.1
 121 58.1 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.87 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion: 93 Resp: 484829
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 10.1 8.6 13.0

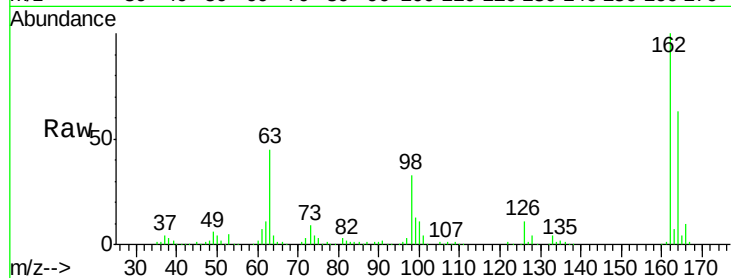




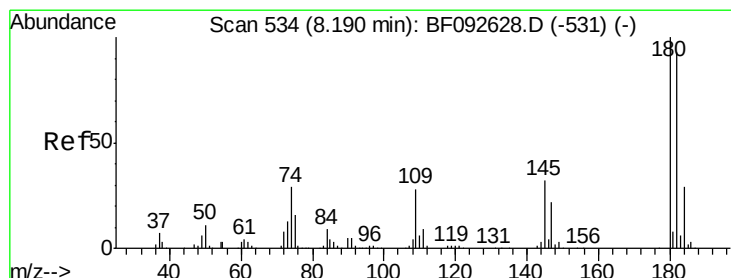
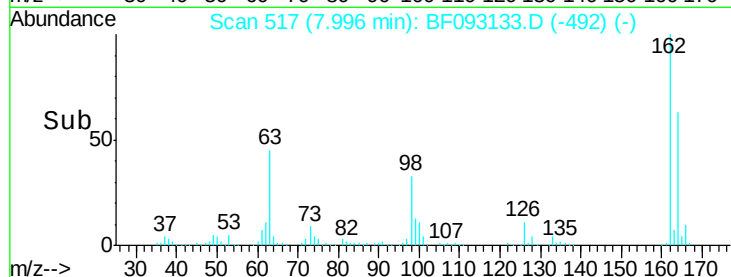
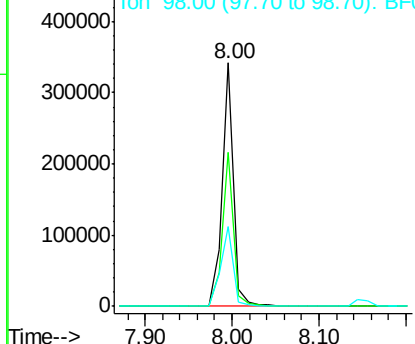
#29
2,4-Dichlorophenol
Concen: 39.04 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tgt Ion:162 Resp: 315520
Ion Ratio Lower Upper
162 100
164 63.4 46.8 86.8
98 32.8 9.1 49.1

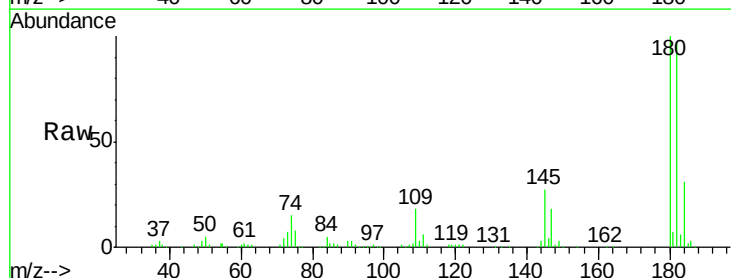


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

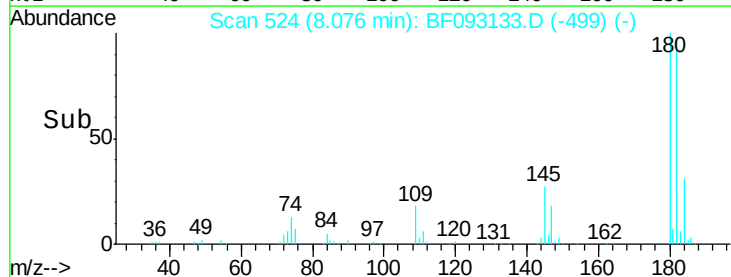
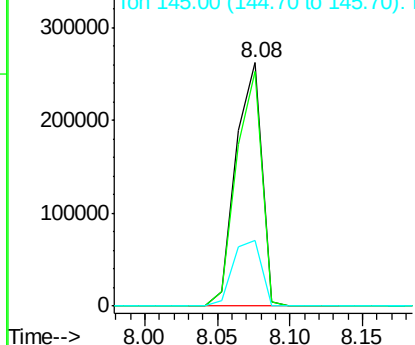


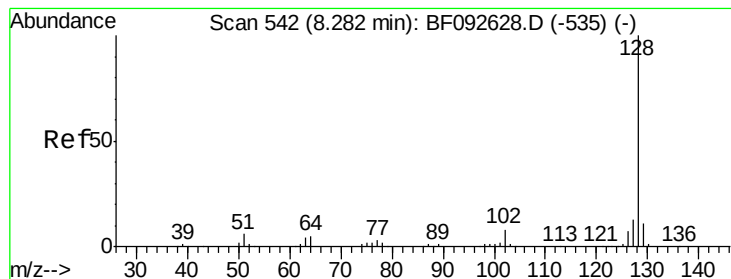
#30
1,2,4-Trichlorobenzene
Concen: 37.33 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion:180 Resp: 325113
Ion Ratio Lower Upper
180 100
182 96.5 78.2 117.4
145 26.8 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: 35.28 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

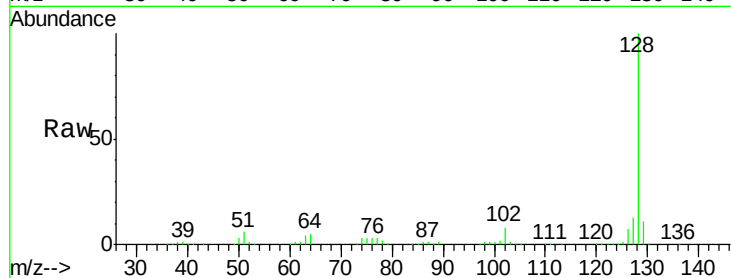
Tgt Ion:128 Resp: 1006734

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

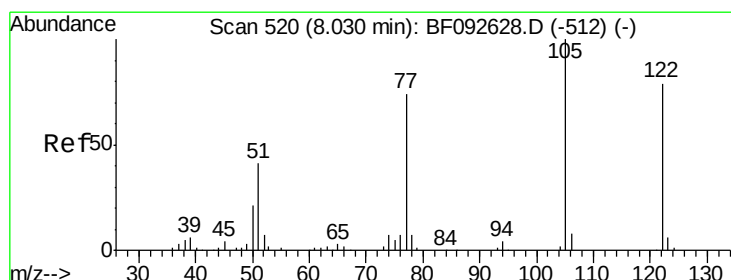
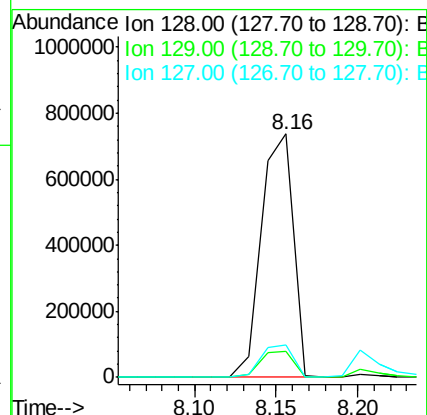
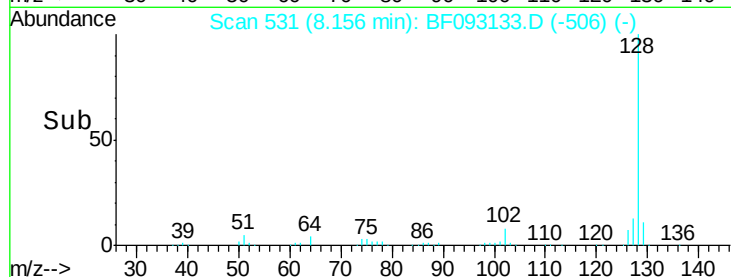
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

8.16

8.15

8.20



#32

Benzoic acid

Concen: 35.61 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

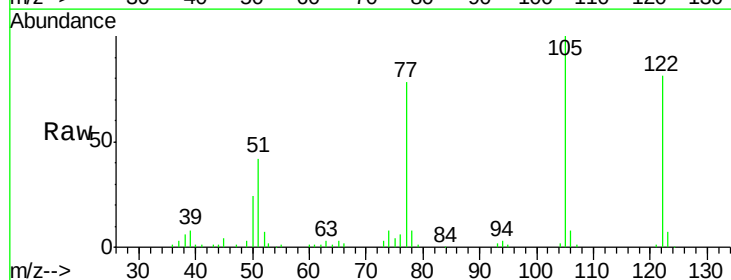
Tgt Ion:122 Resp: 164129

Ion Ratio Lower Upper

122 100

105 122.8 107.2 147.2

77 96.4 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

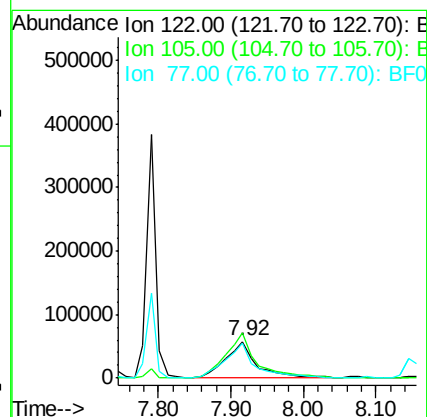
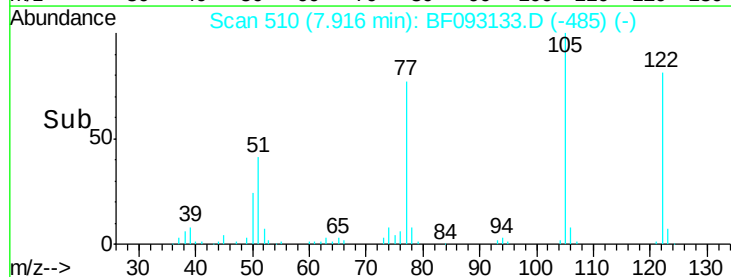
7.92

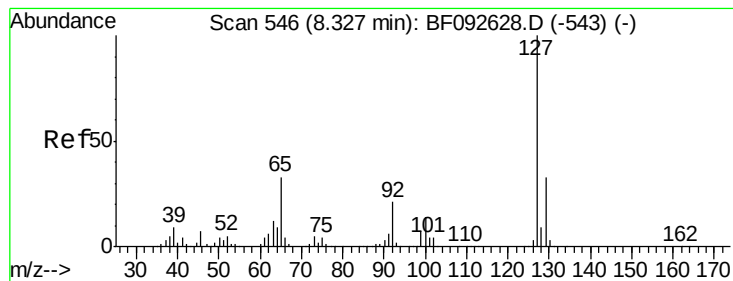
7.80

7.90

8.00

8.10





#33

4-Chloroaniline

Concen: 9.92 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

Tgt Ion:127 Resp: 111040

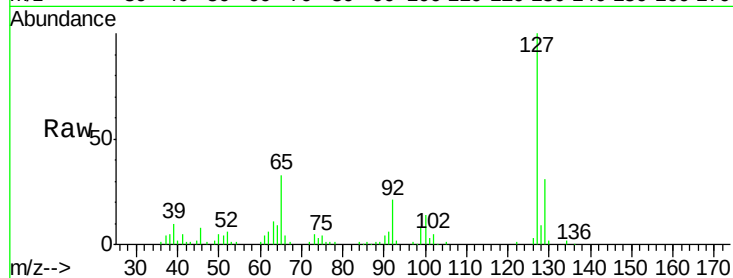
Ion Ratio Lower Upper

127 100

129 31.4 26.3 39.5

65 33.4 25.8 38.8

92 21.1 16.1 24.1

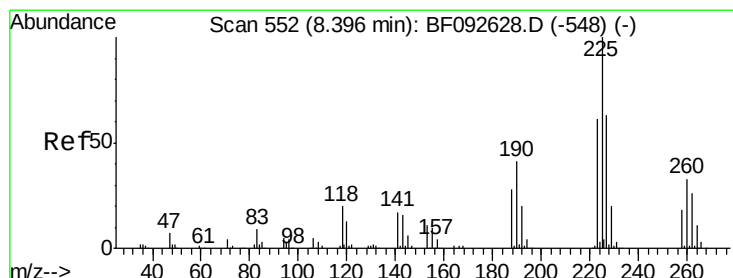
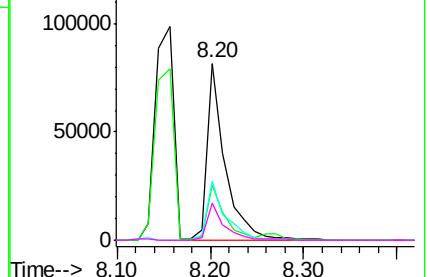
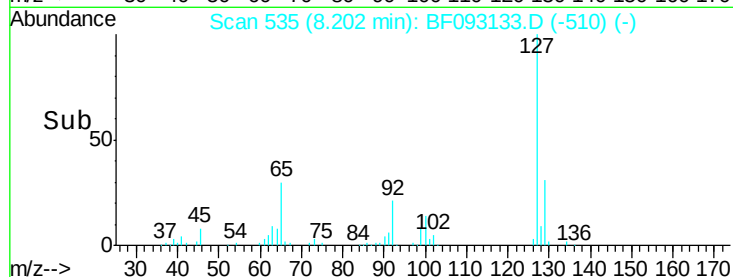


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.43 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

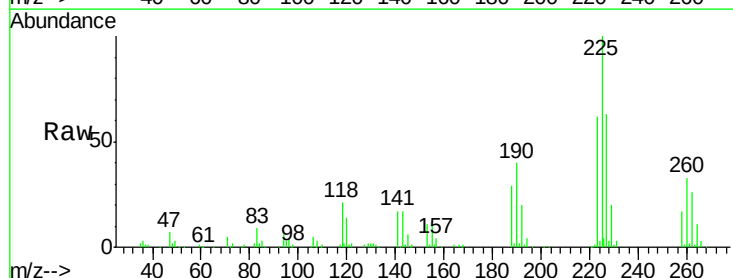
Tgt Ion:225 Resp: 174547

Ion Ratio Lower Upper

225 100

223 62.1 51.0 76.6

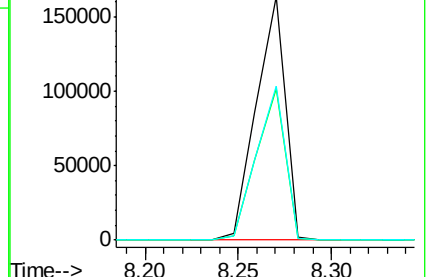
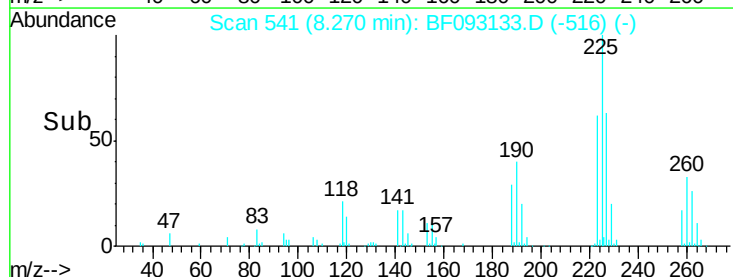
227 63.2 50.6 76.0

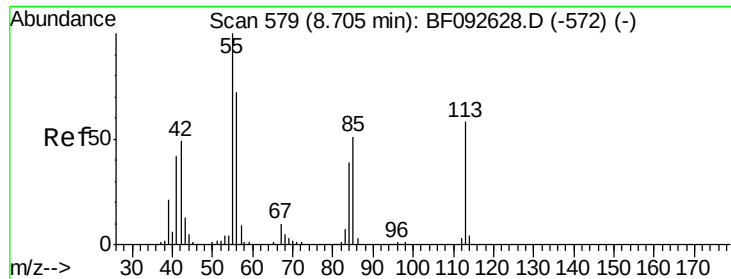


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

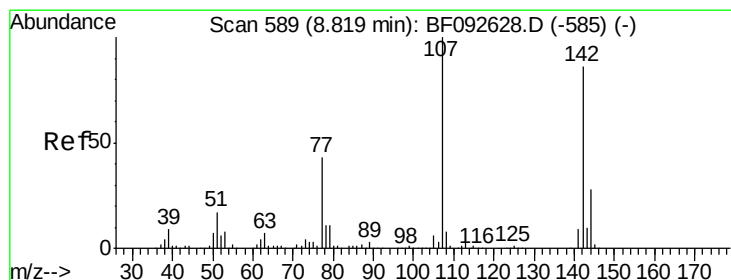
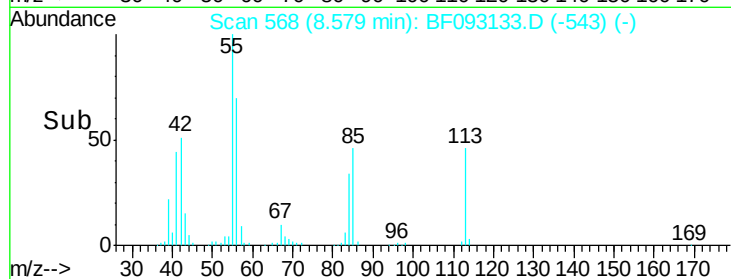
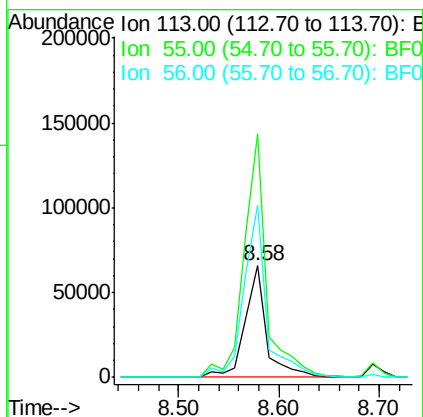
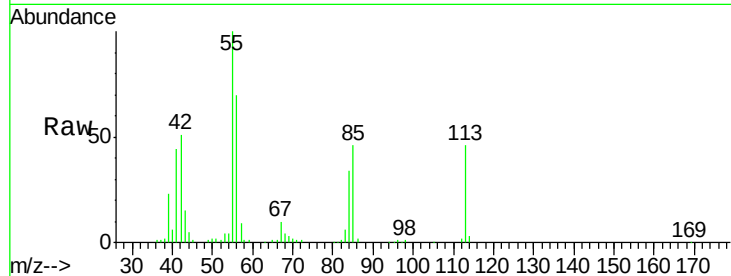




#35
 Caprolactam
 Concen: 38.52 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

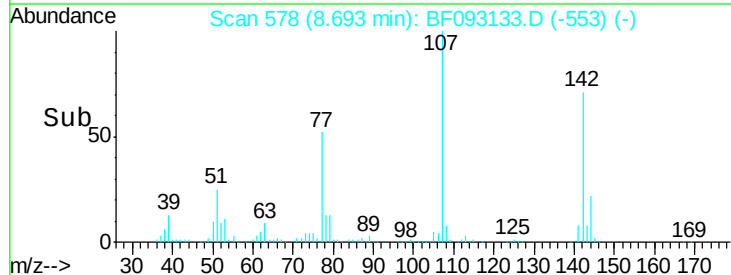
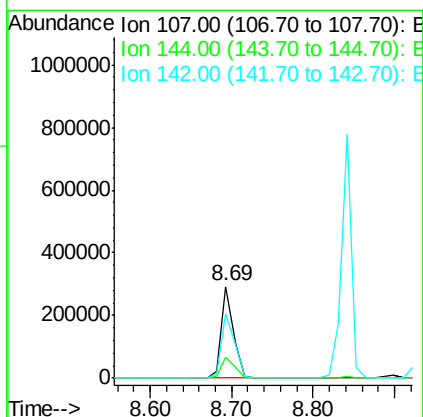
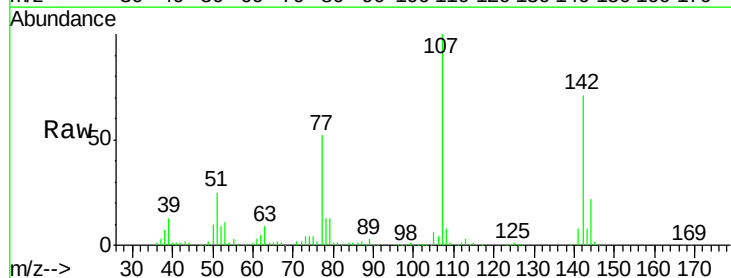
Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

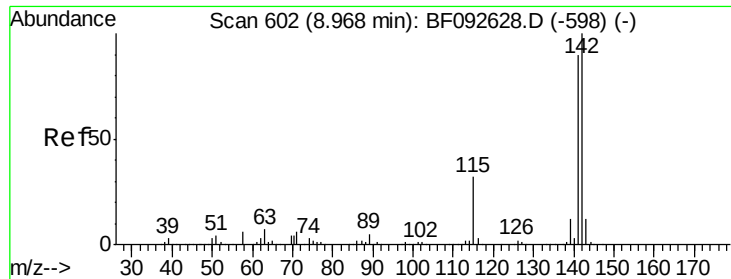
Tgt Ion:113 Resp: 97922
 Ion Ratio Lower Upper
 113 100
 55 218.1 119.2 159.2#
 56 153.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 35.48 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion:107 Resp: 298879
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.3 28.9
 142 70.7 59.0 88.6

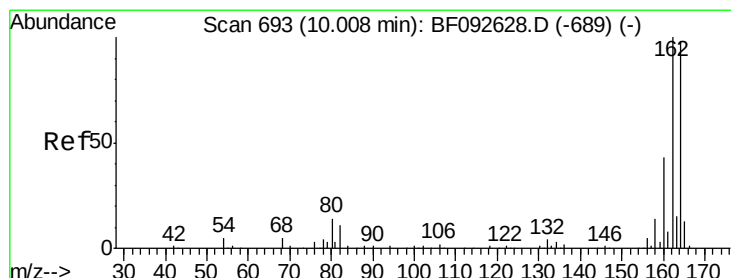
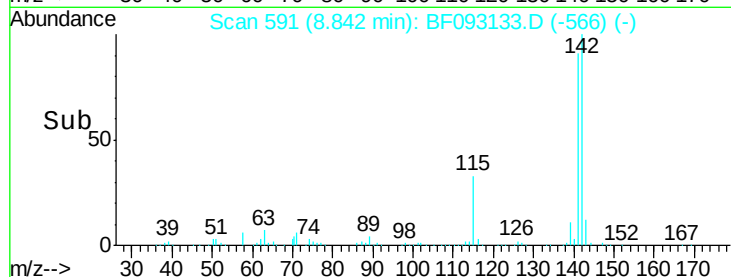
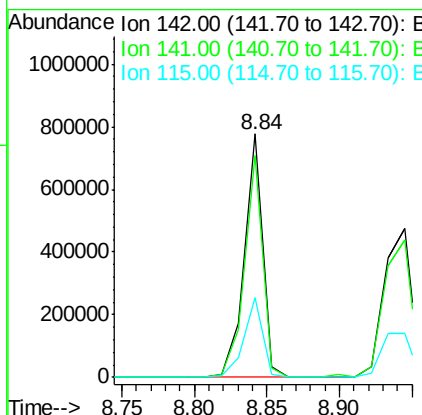
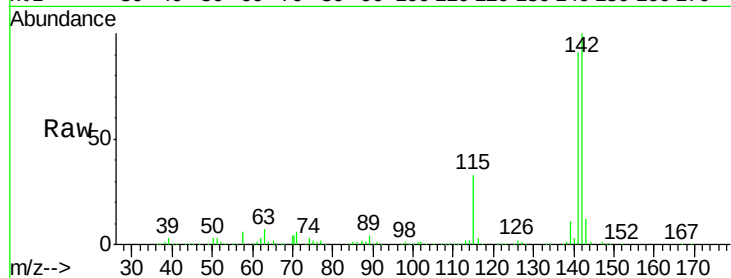




#37
2-Methylnaphthalene
Concen: 37.45 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

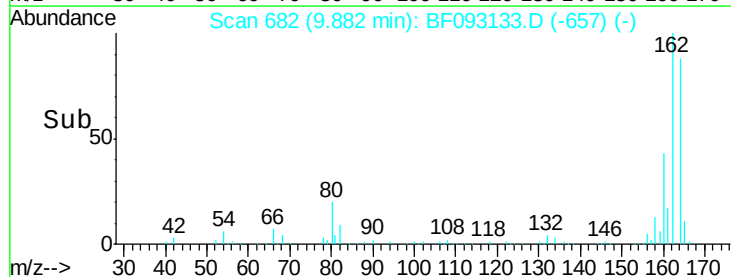
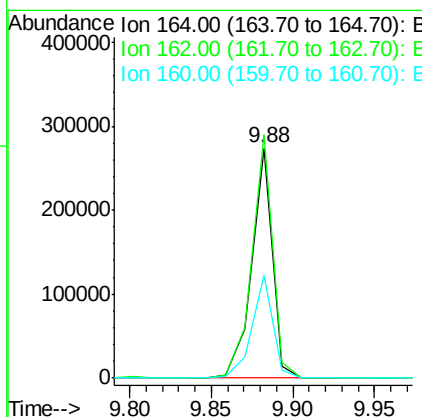
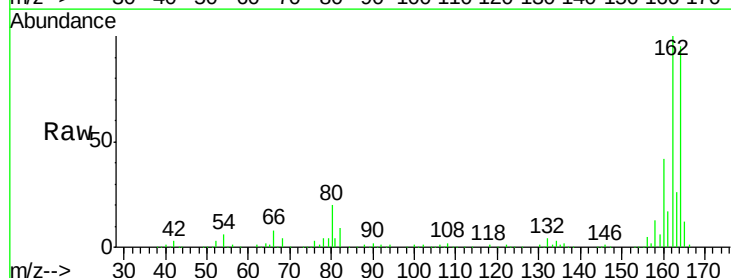
Instrument :
BNA_F
ClientSampleId :
PB97121BSD

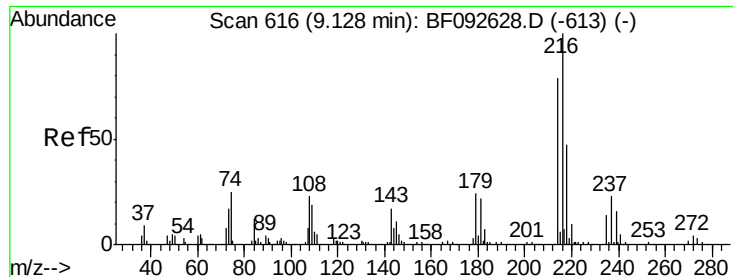
Tgt Ion:142 Resp: 686092
Ion Ratio Lower Upper
142 100
141 91.3 71.0 106.6
115 32.6 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion:164 Resp: 239643
Ion Ratio Lower Upper
164 100
162 105.8 80.2 120.2
160 44.9 36.9 55.3

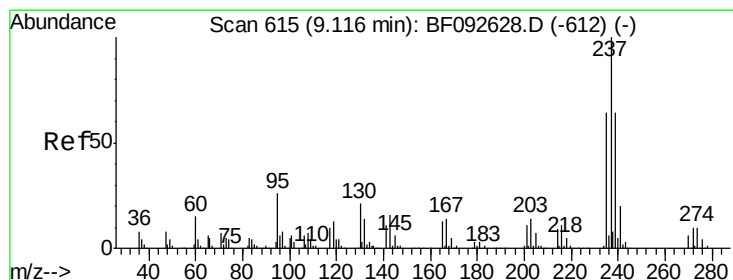
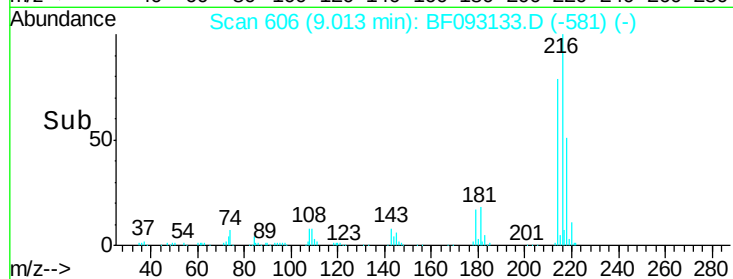
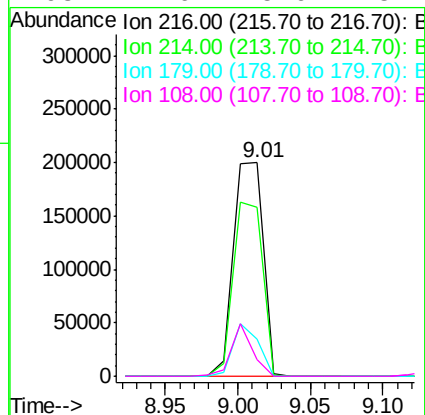
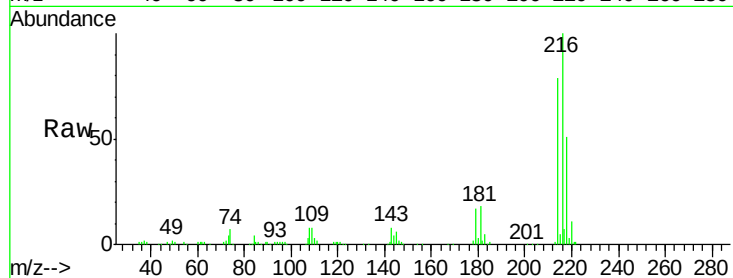




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.42 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

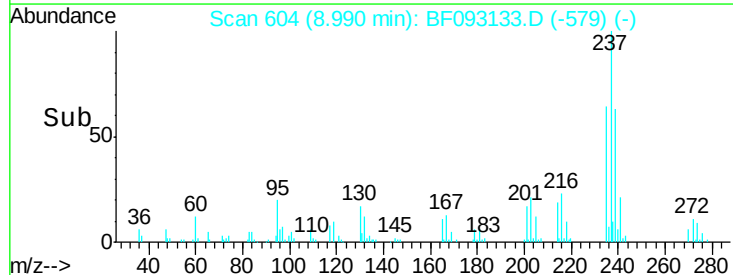
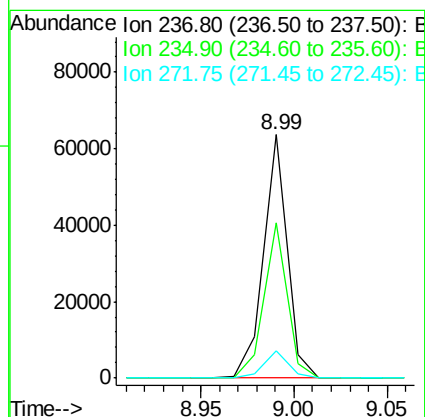
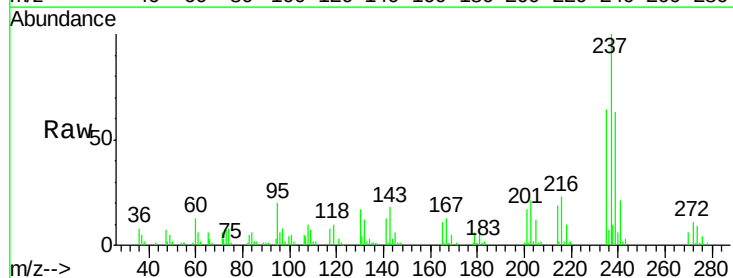
Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

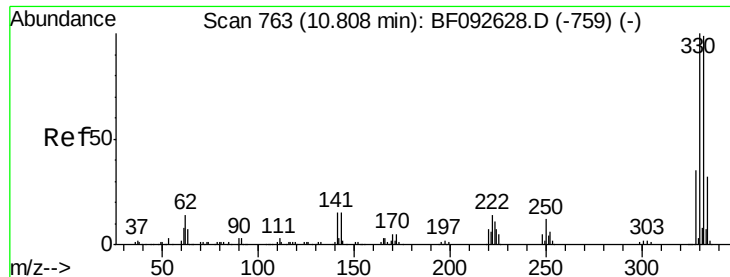
Tgt Ion:	216	Resp:	285384
Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.4	95.0
179	21.2	17.4	26.2
108	17.6	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 18.33 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion:	237	Resp:	55618
Ion	Ratio	Lower	Upper
237	100		
235	63.7	41.2	81.2
272	11.4	0.0	35.4

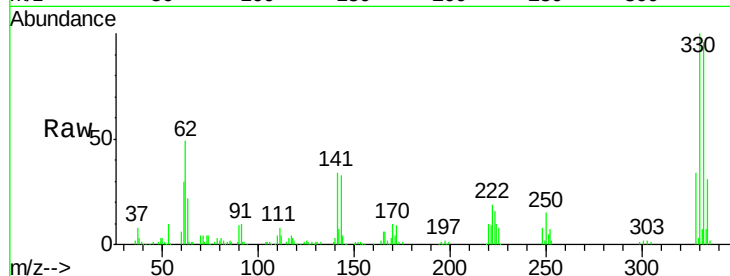




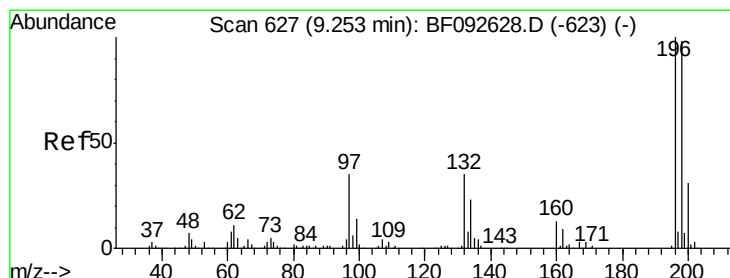
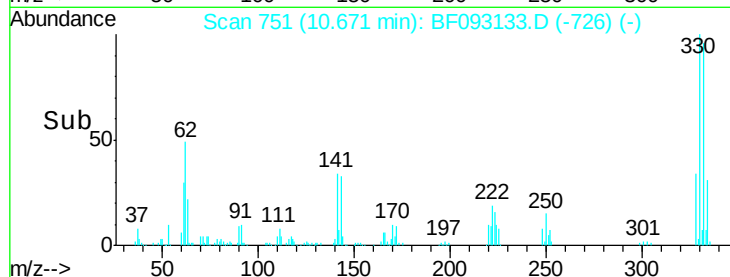
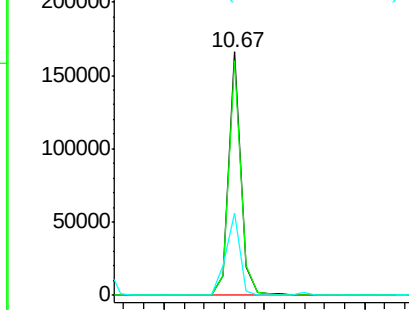
#41
 2,4,6-Tribromophenol
 Concen: 80.78 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tgt Ion:330 Resp: 140016
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 40.0 34.1 51.1

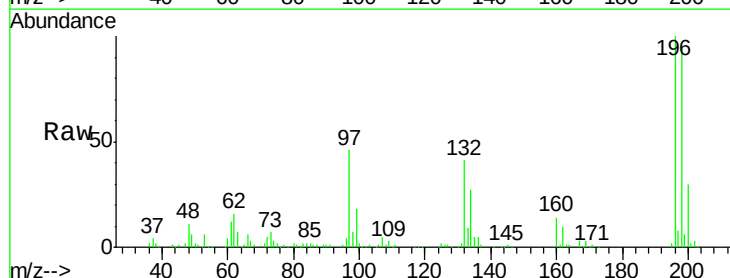


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

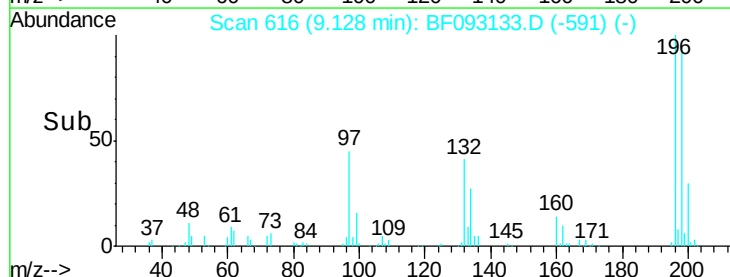
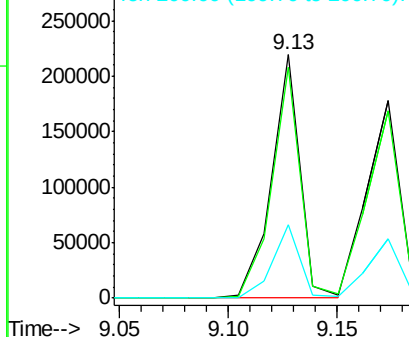


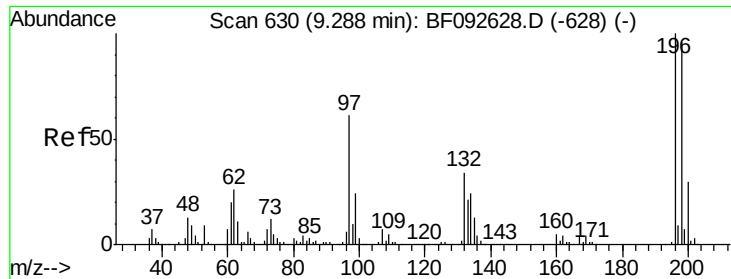
#42
 2,4,6-Trichlorophenol
 Concen: 45.65 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion:196 Resp: 201767
 Ion Ratio Lower Upper
 196 100
 198 95.0 82.1 123.1
 200 30.1 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

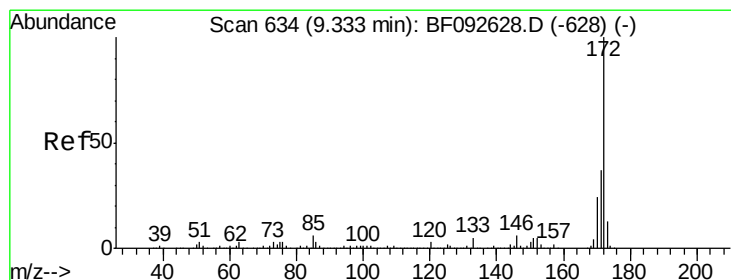
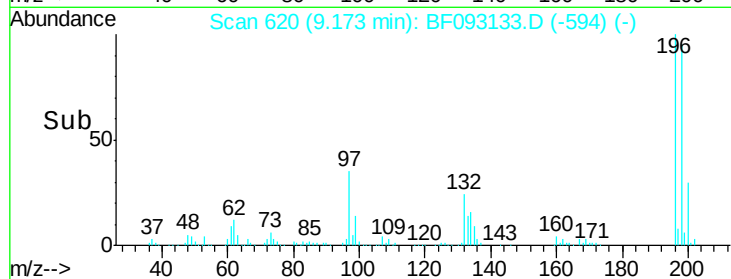
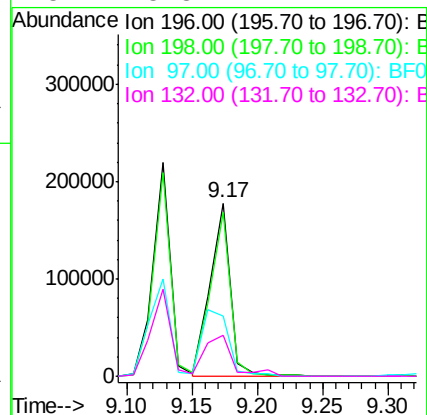
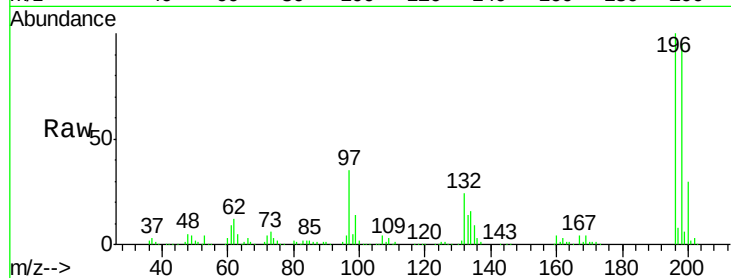




#43
 2,4,5-Trichlorophenol
 Concen: 39.78 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

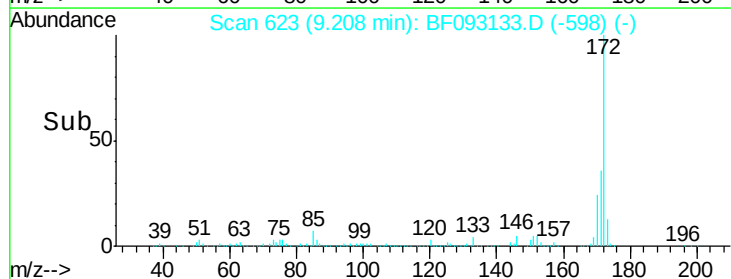
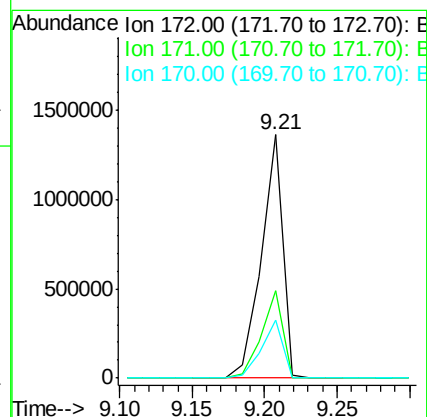
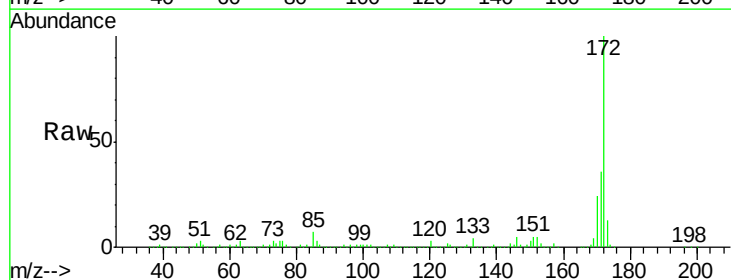
Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

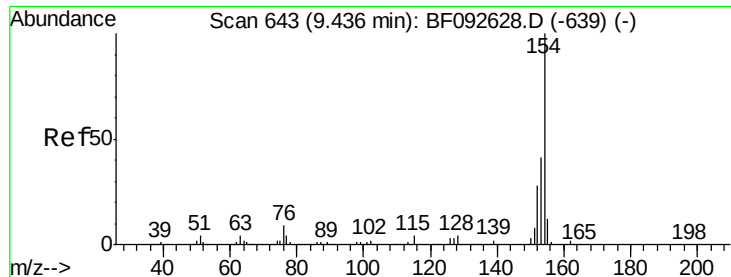
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	79.4	119.2
97	35.0	51.5	77.3#
132	23.8	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 104.99 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.0	20.2	30.4

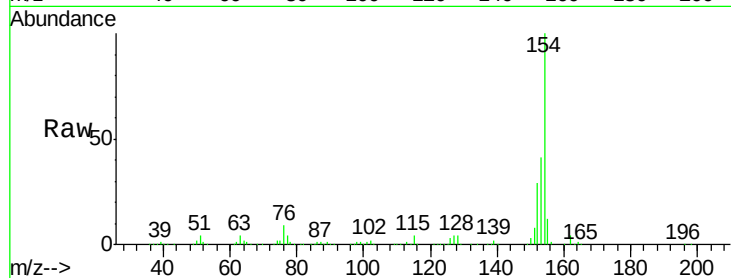




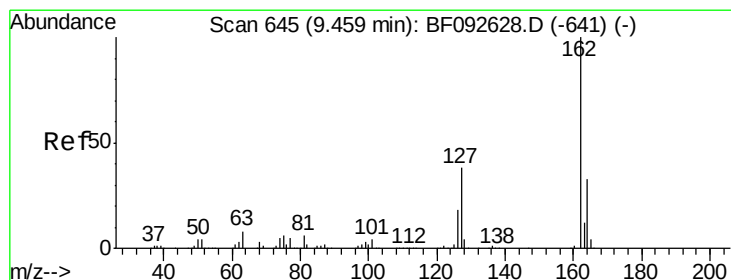
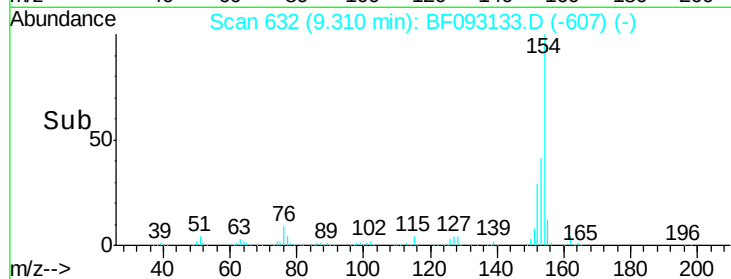
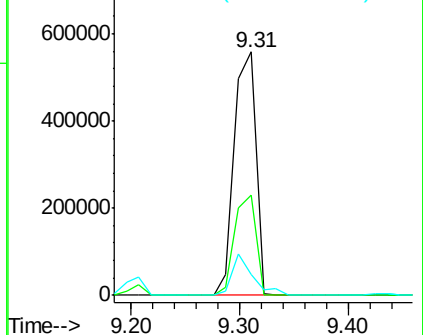
#45
 1,1'-Biphenyl
 Concen: 43.90 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tgt Ion:154 Resp: 761836
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.9 60.9
 76 8.7 0.0 30.5

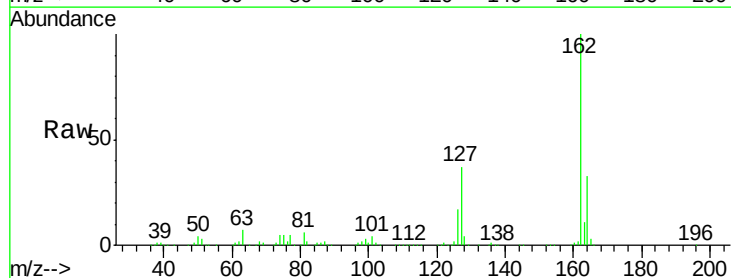


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

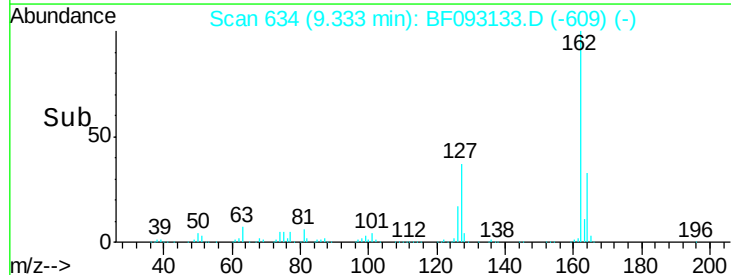
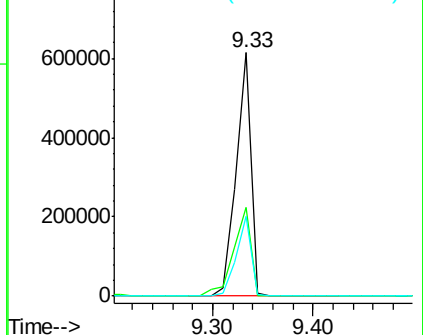


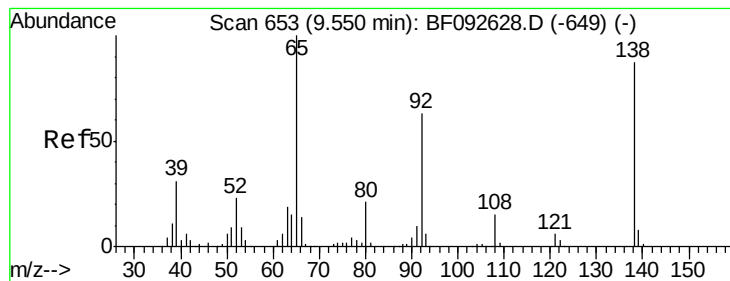
#46
 2-Chloronaphthalene
 Concen: 46.35 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion:162 Resp: 629221
 Ion Ratio Lower Upper
 162 100
 127 36.7 30.7 46.1
 164 32.8 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: 44.05 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

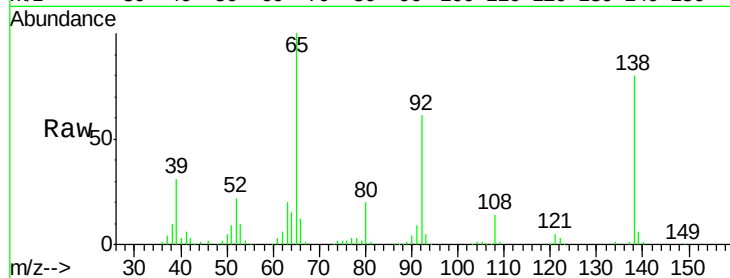
Tgt Ion: 65 Resp: 201042

Ion Ratio Lower Upper

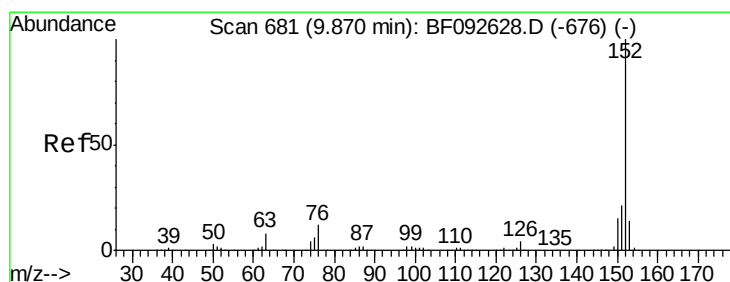
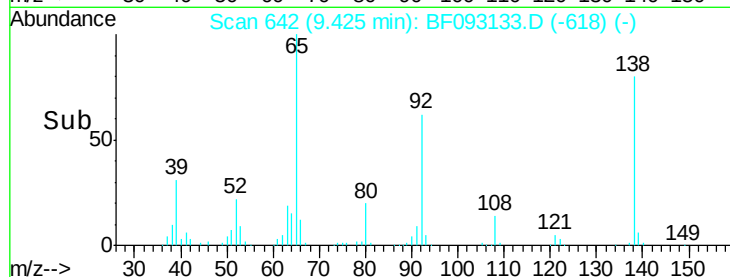
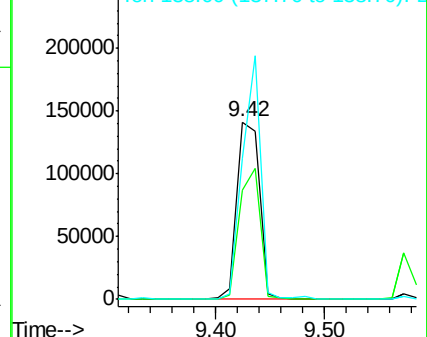
65 100

92 61.4 53.9 80.9

138 79.6 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 40.98 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

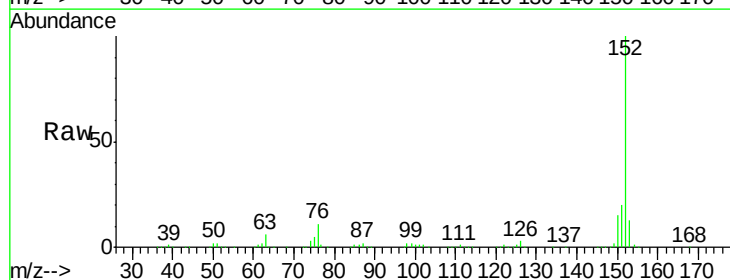
Tgt Ion: 152 Resp: 960928

Ion Ratio Lower Upper

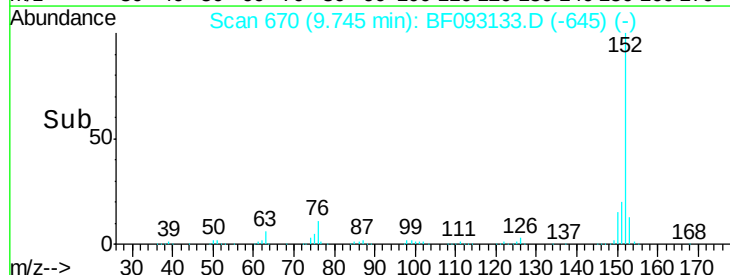
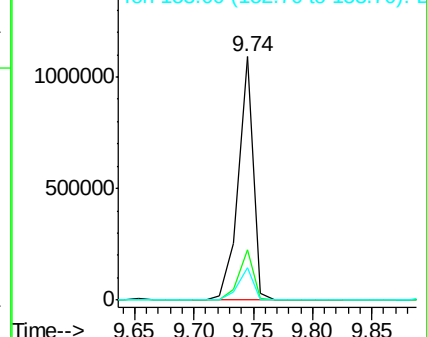
152 100

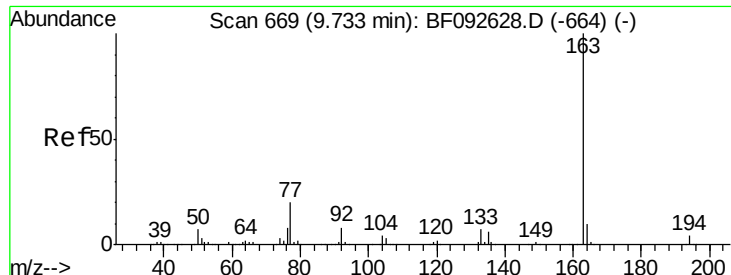
151 20.4 16.9 25.3

153 13.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 44.88 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

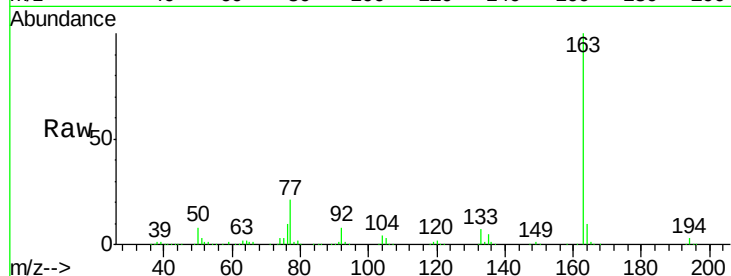
Tgt Ion:163 Resp: 724349

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

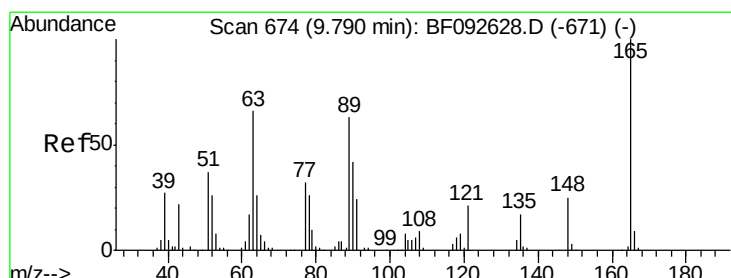
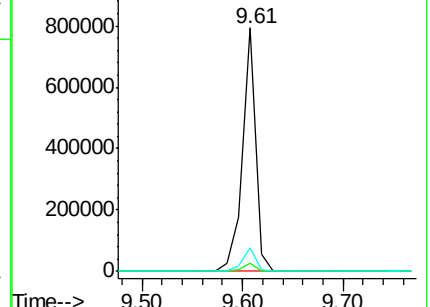
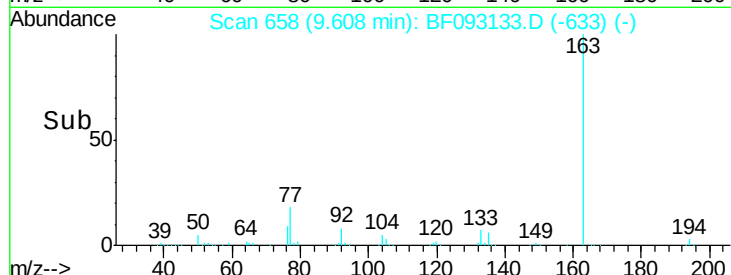
164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.76 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

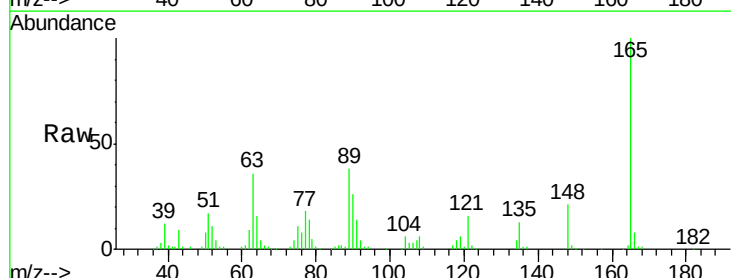
Tgt Ion:165 Resp: 159501

Ion Ratio Lower Upper

165 100

63 35.5 36.2 54.4#

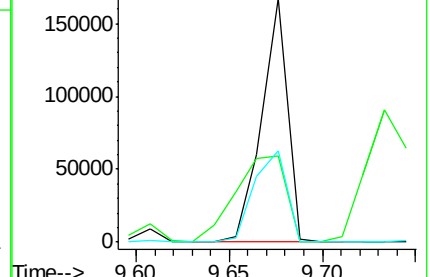
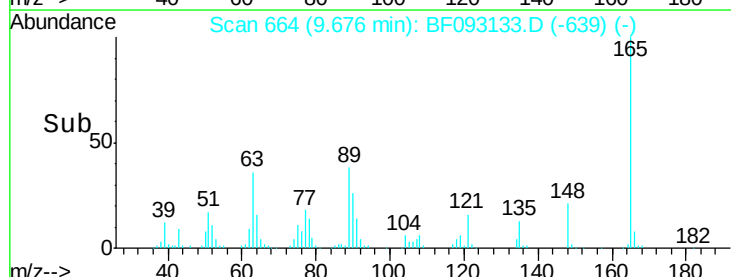
89 37.7 40.2 60.4#

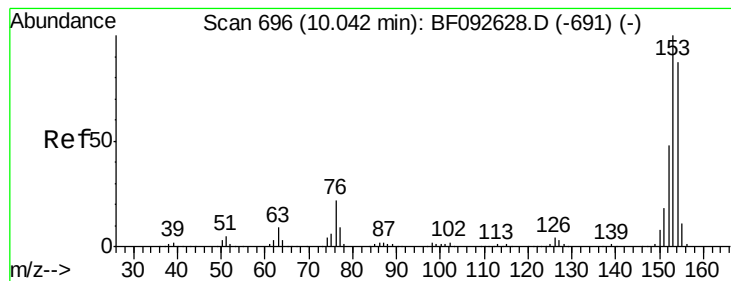


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.77 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

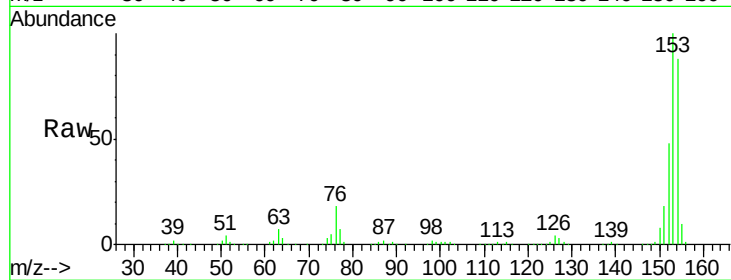
Tgt Ion:154 Resp: 557548

Ion Ratio Lower Upper

154 100

153 113.6 88.6 133.0

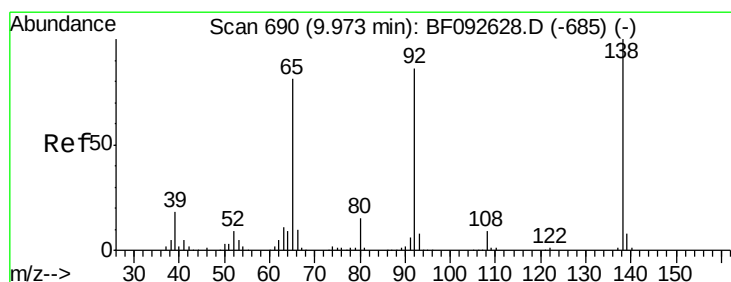
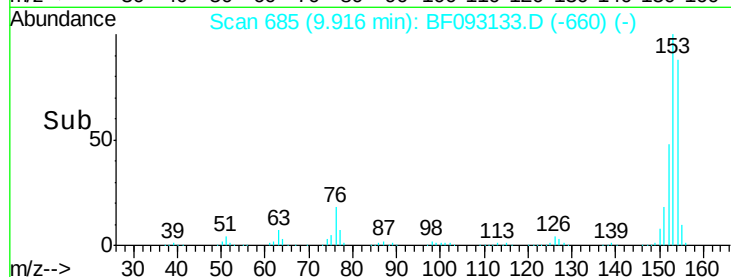
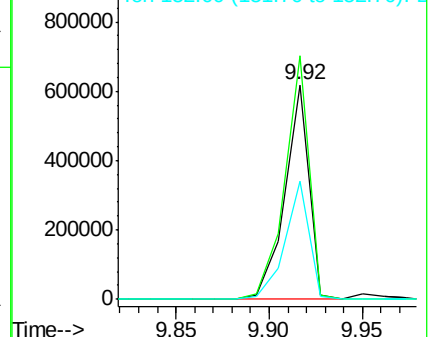
152 54.9 41.6 62.4



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: 21.64 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

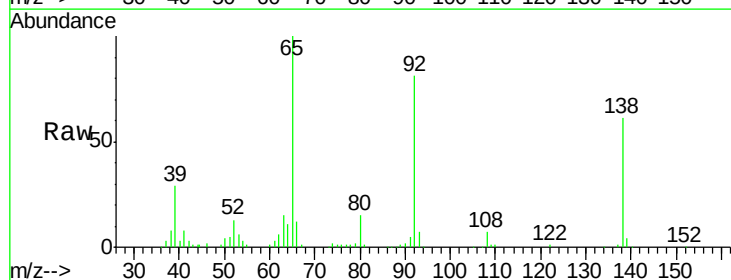
Tgt Ion:138 Resp: 86322

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

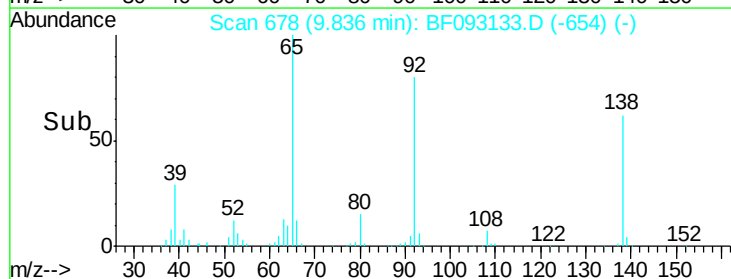
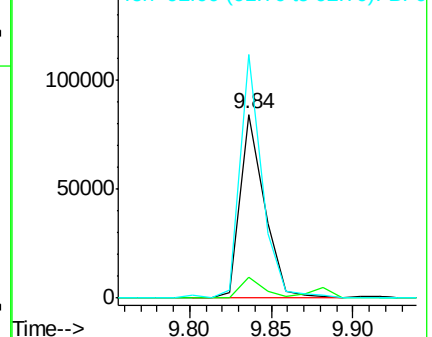
92 132.5 97.8 146.8

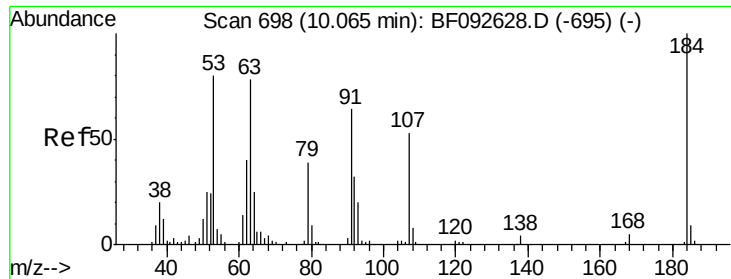


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

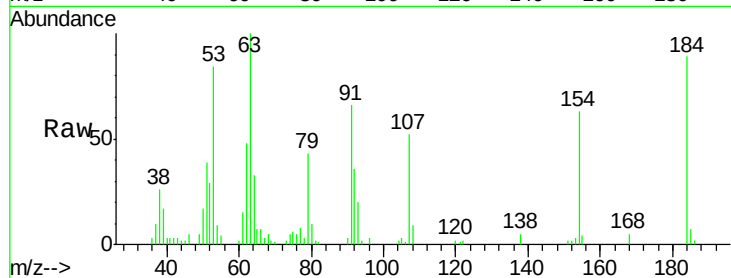




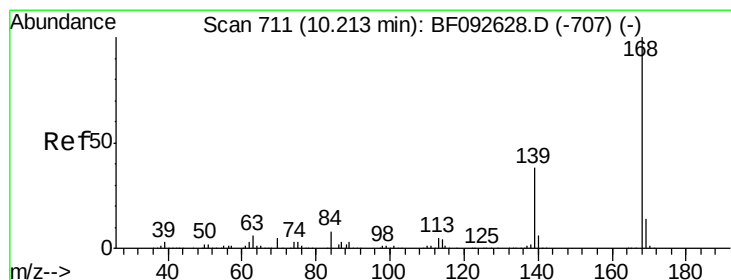
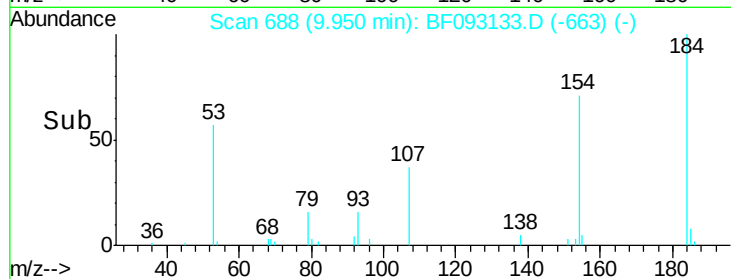
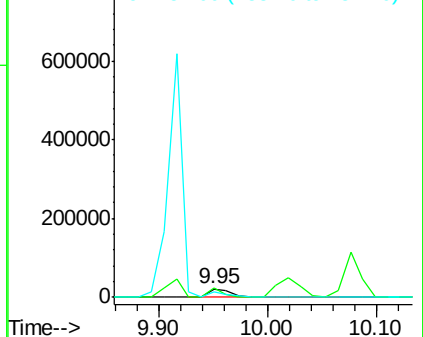
#53
 2,4-Dinitrophenol
 Concen: 23.62 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tgt Ion:184 Resp: 35588
 Ion Ratio Lower Upper
 184 100
 63 112.5 28.4 42.6#
 154 71.1 44.3 66.5#

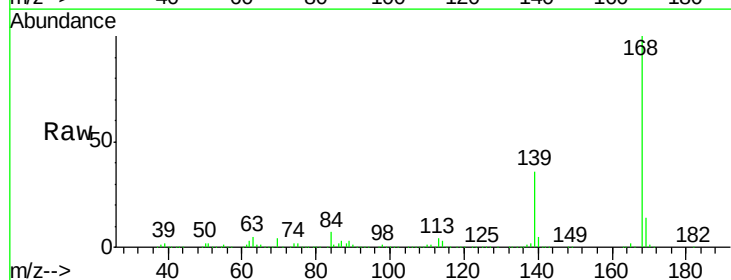


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

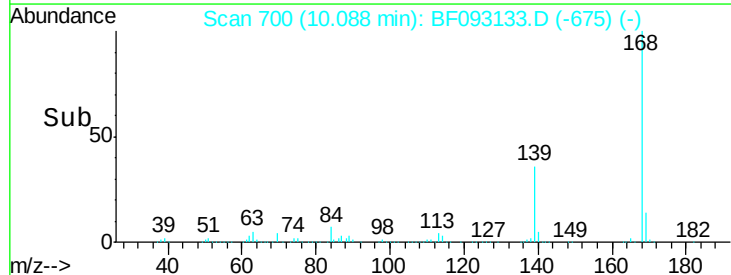
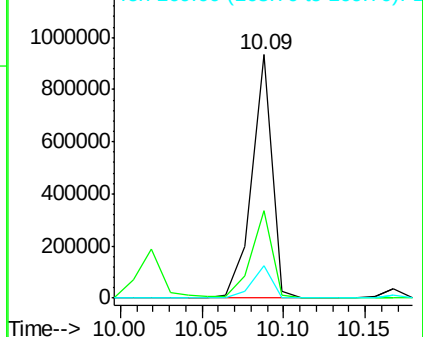


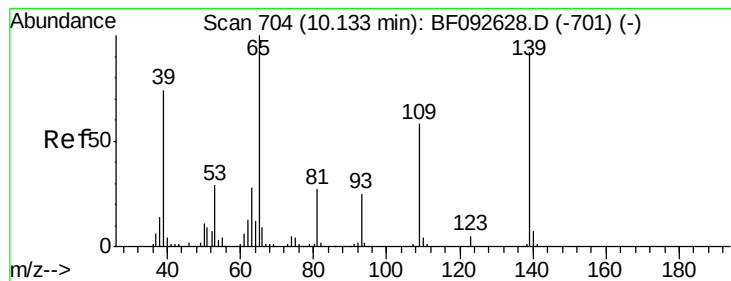
#54
 Dibenzofuran
 Concen: 43.09 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion:168 Resp: 808040
 Ion Ratio Lower Upper
 168 100
 139 35.9 32.6 49.0
 169 13.5 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 70.60 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

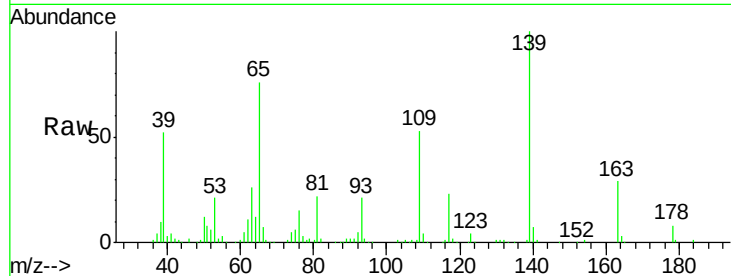
Tgt Ion:139 Resp: 202851

Ion Ratio Lower Upper

139 100

109 53.3 52.2 92.2

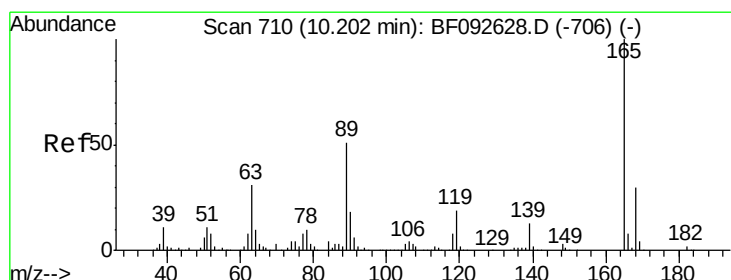
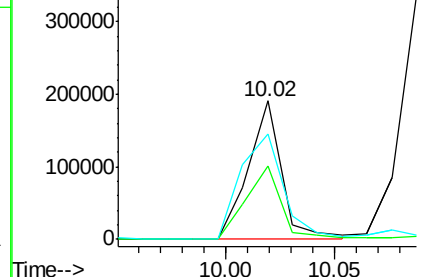
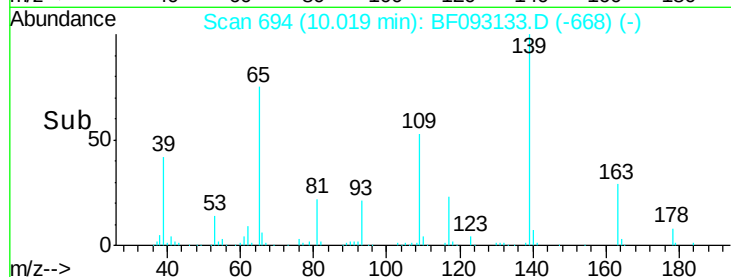
65 75.9 85.8 125.8#



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: 37.53 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Tgt Ion:165 Resp: 174181

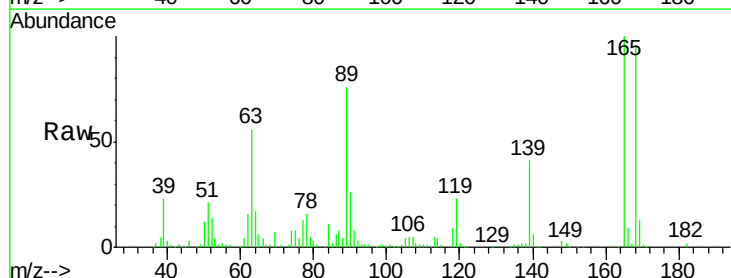
Ion Ratio Lower Upper

165 100

63 55.7 40.2 60.4

89 76.0 62.5 93.7

182 2.3 1.8 2.8

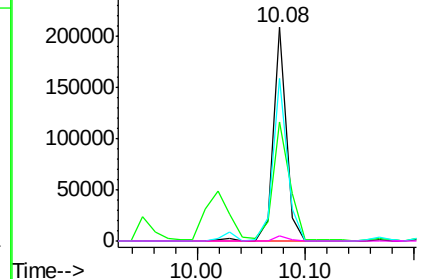
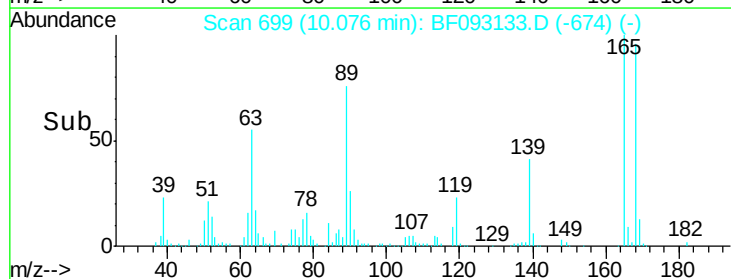


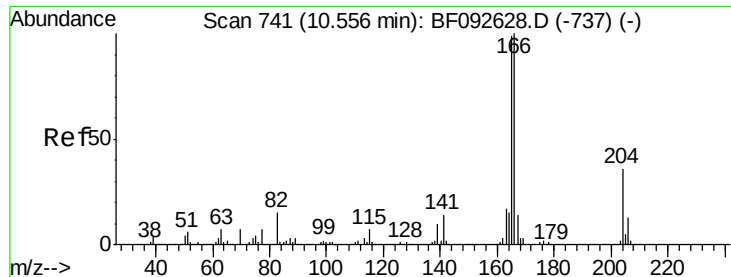
Abundance Ion 165.00 (164.70 to 165.70): E

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

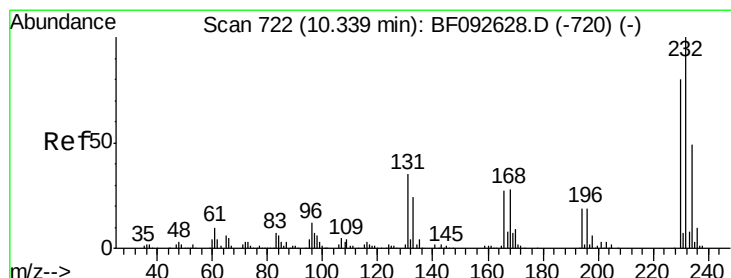
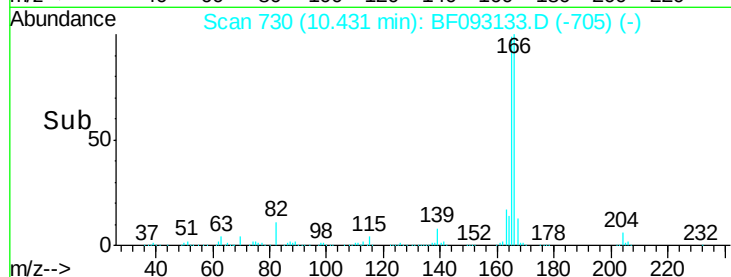
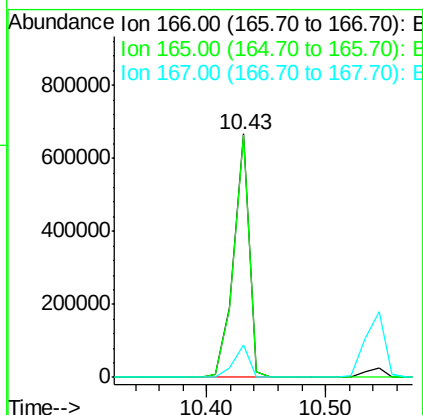
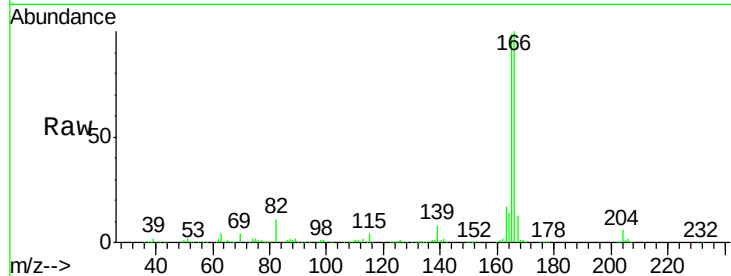




#57
Fluorene
 Concen: 42.16 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

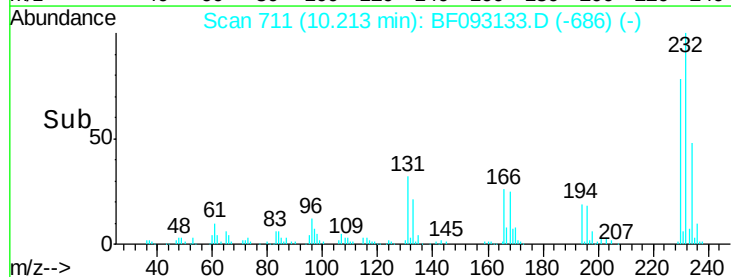
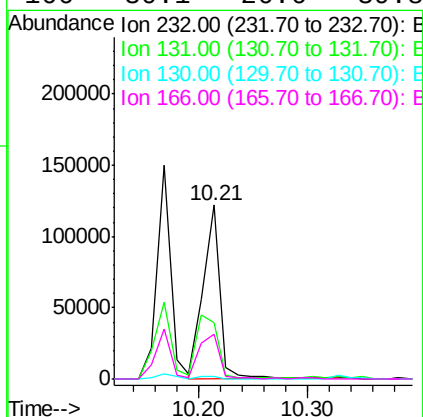
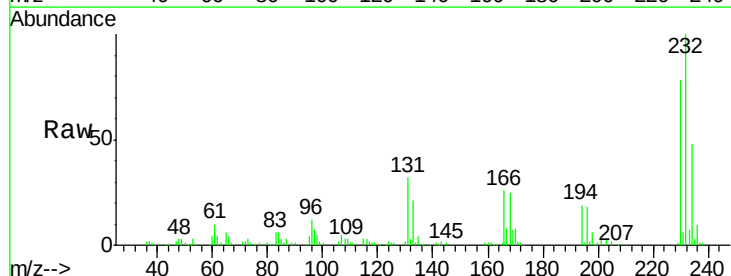
Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

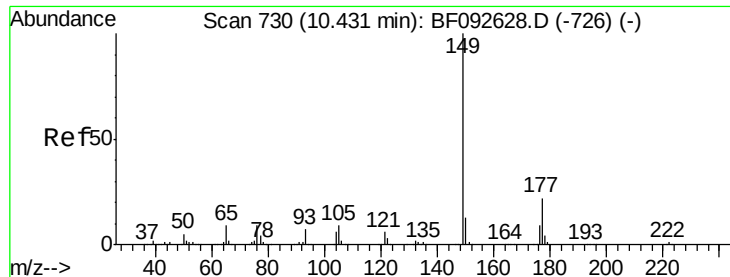
Tgt Ion:166 Resp: 608264
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.8 116.8
 167 13.3 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.20 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion:232 Resp: 133101
 Ion Ratio Lower Upper
 232 100
 131 47.0 40.1 60.1
 130 2.1 1.8 2.8
 166 30.1 26.6 39.8

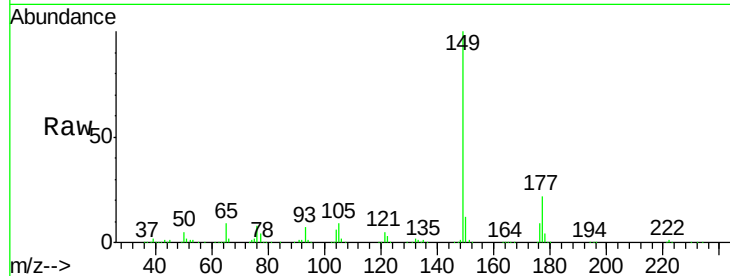




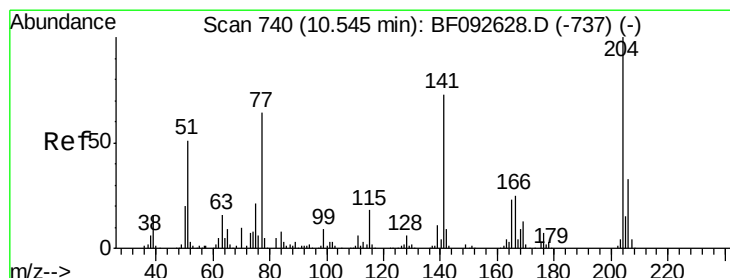
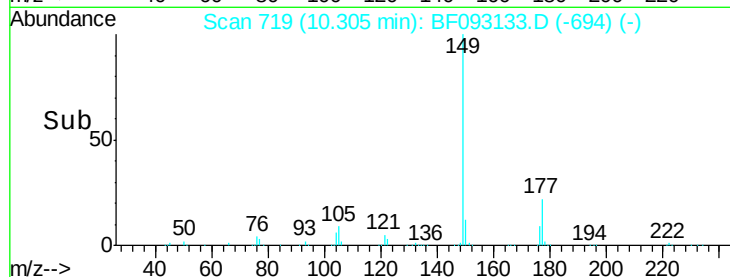
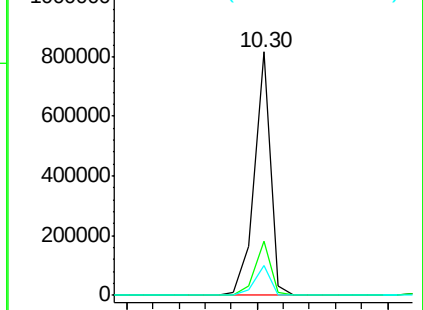
#59
Diethylphthalate
Concen: 46.21 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampled :
PB97121BSD

Tgt Ion:149 Resp: 702877
Ion Ratio Lower Upper
149 100
177 22.4 16.6 25.0
150 12.3 10.4 15.6

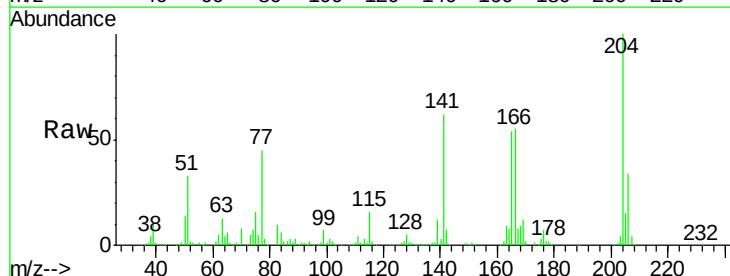


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

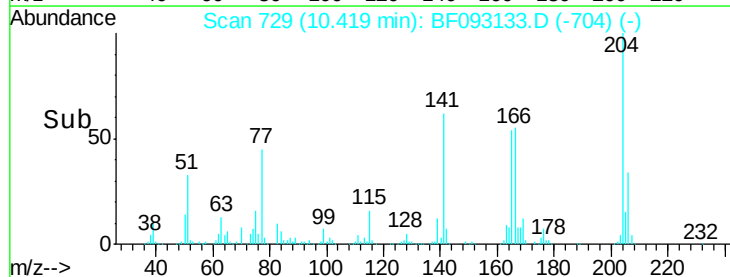
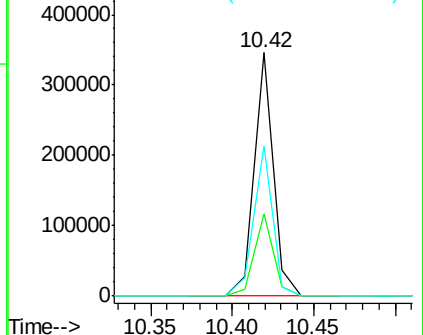


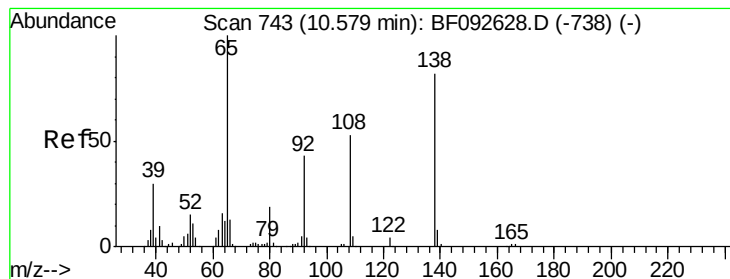
#60
4-Chlorophenyl-phenylether
Concen: 40.74 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion:204 Resp: 282369
Ion Ratio Lower Upper
204 100
206 33.9 25.8 38.6
141 61.8 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.79 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

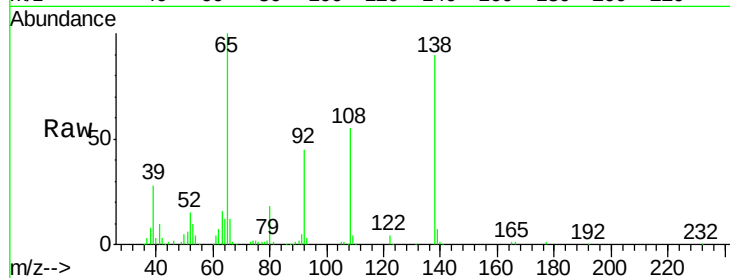
Tgt Ion:138 Resp: 142153

Ion Ratio Lower Upper

138 100

92 50.1 31.7 71.7

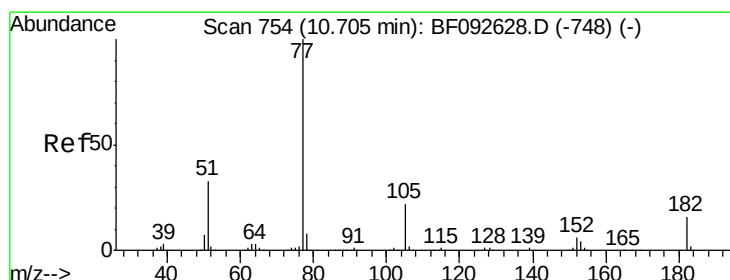
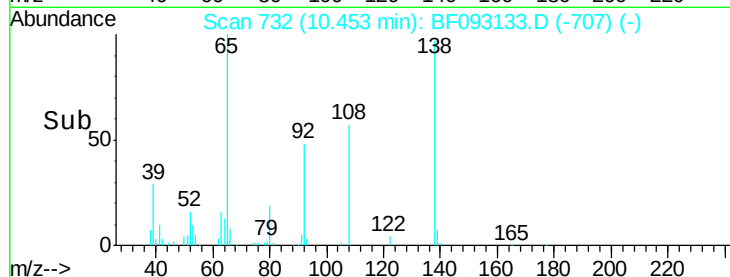
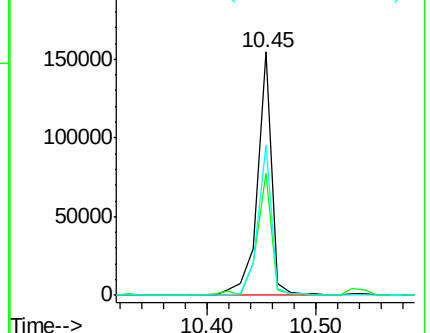
108 61.8 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.86 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Tgt Ion: 77 Resp: 720782

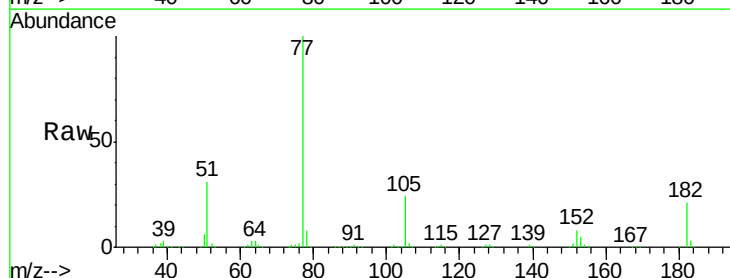
Ion Ratio Lower Upper

77 100

182 21.1 0.0 39.3

105 23.5 2.3 42.3

51 31.0 8.9 48.9

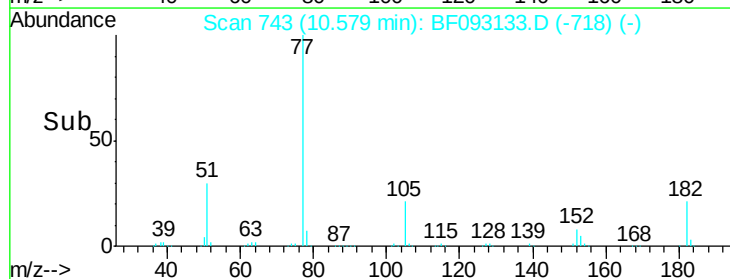
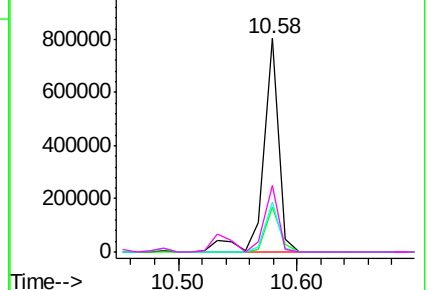


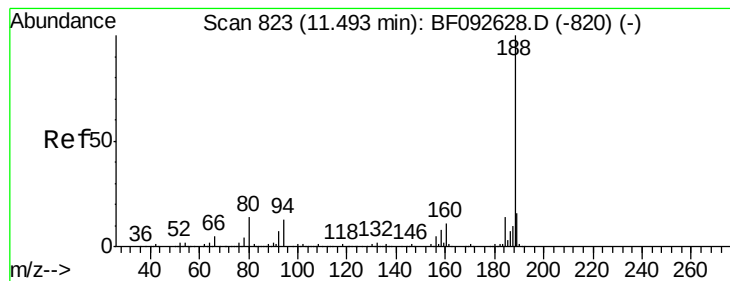
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

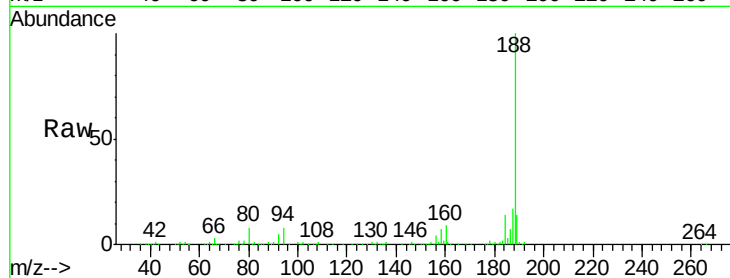
Tgt Ion:188 Resp: 361354

Ion Ratio Lower Upper

188 100

94 8.1 10.0 15.0#

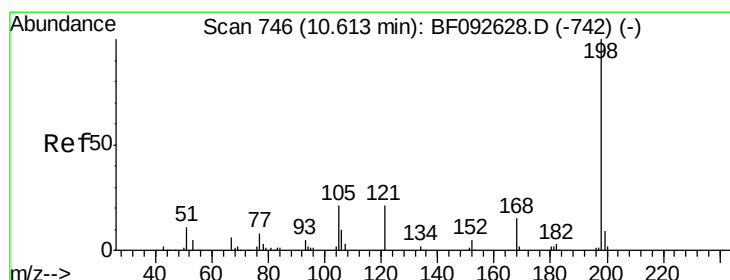
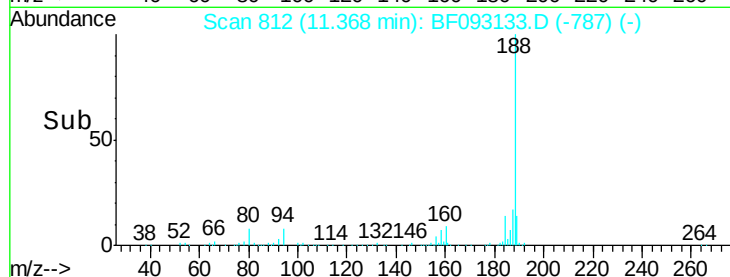
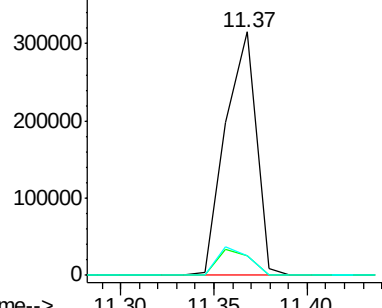
80 8.2 11.2 16.8#



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: 17.26 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

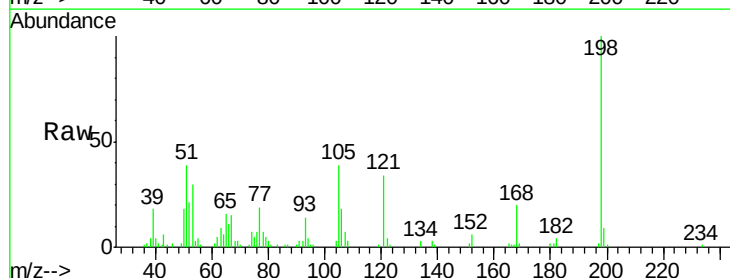
Tgt Ion:198 Resp: 33987

Ion Ratio Lower Upper

198 100

51 38.5 6.7 46.7

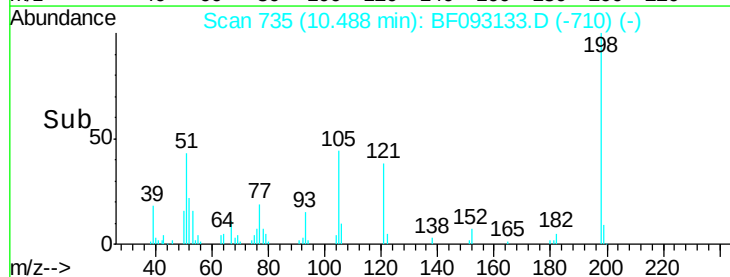
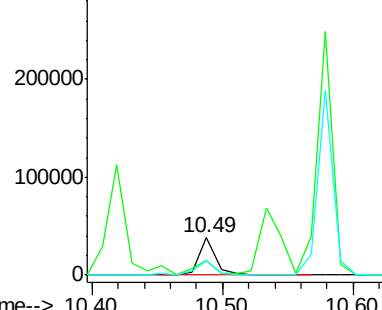
105 39.1 16.6 56.6

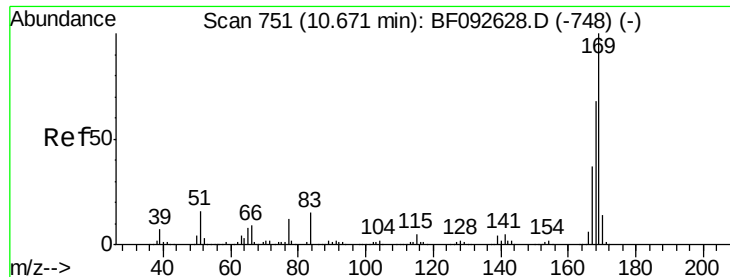


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

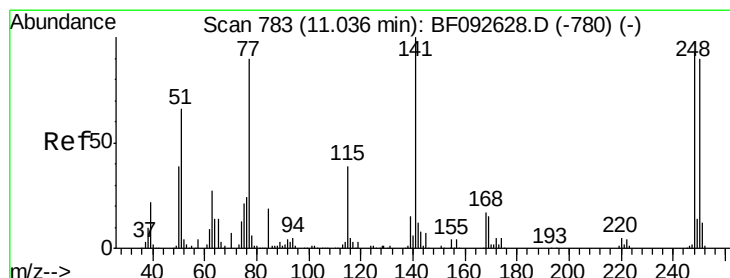
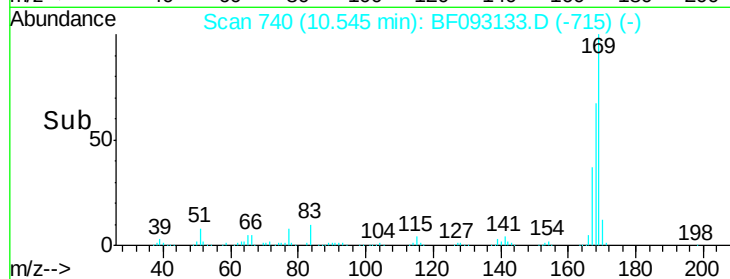
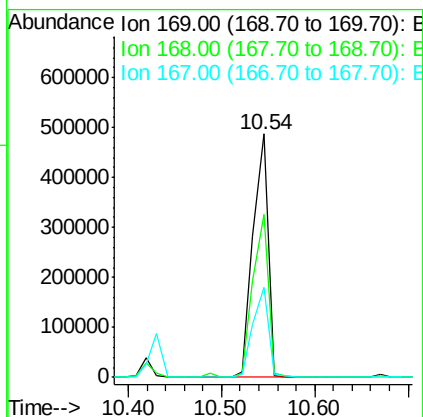
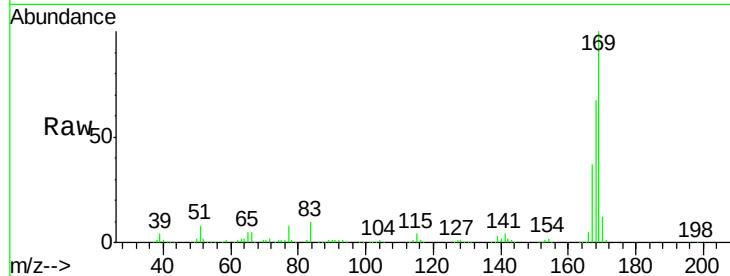




#65
 n-Nitrosodiphenylamine
 Concen: 47.14 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

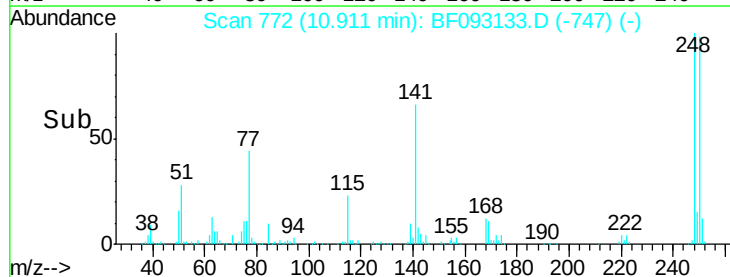
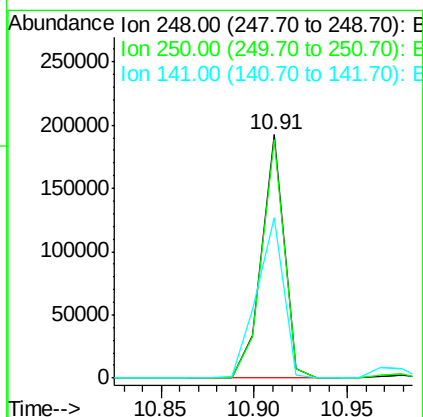
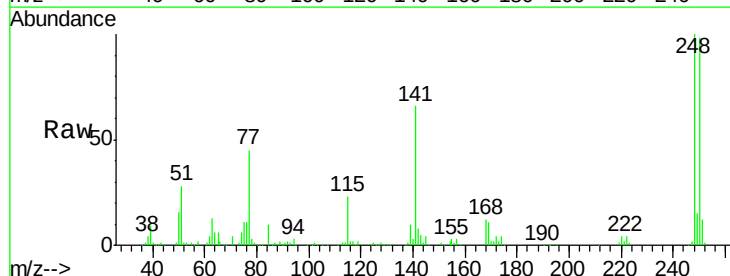
Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

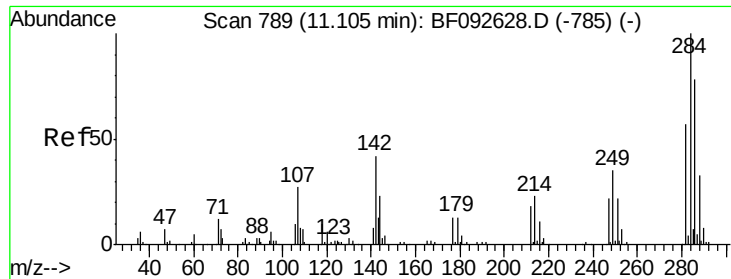
Tgt Ion:169 Resp: 544126
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.2 81.2
 167 37.1 30.2 45.4



#66
 4-Bromophenyl-phenylether
 Concen: 42.61 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion:248 Resp: 160853
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.9 115.3
 141 66.0 68.2 102.4#

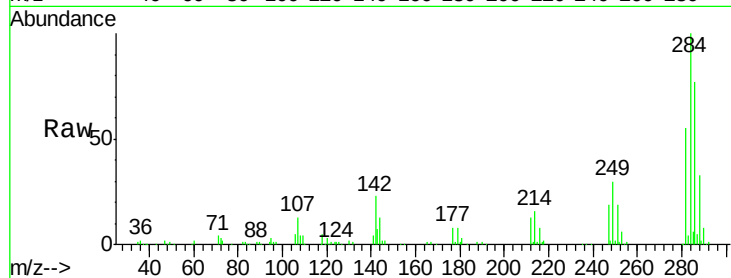




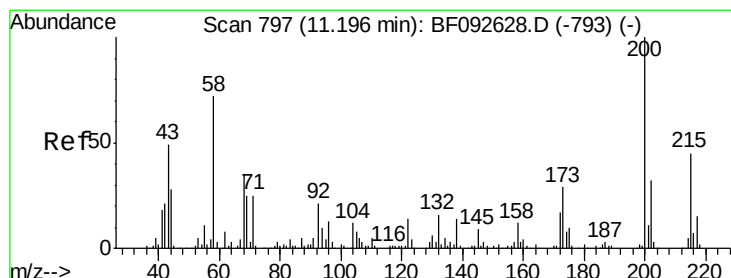
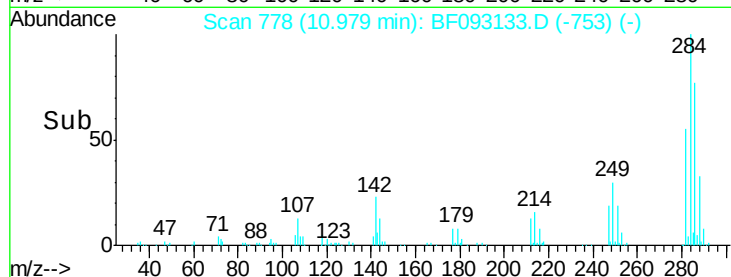
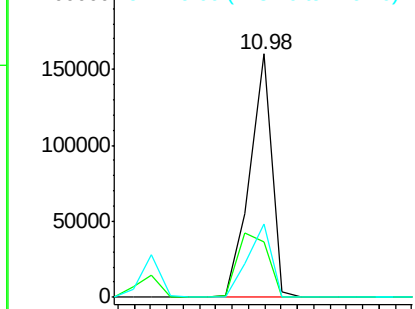
#67
Hexachlorobenzene
Concen: 40.39 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tgt Ion: 284 Resp: 150688
Ion Ratio Lower Upper
284 100
142 23.0 22.6 33.8
249 30.0 25.4 38.0

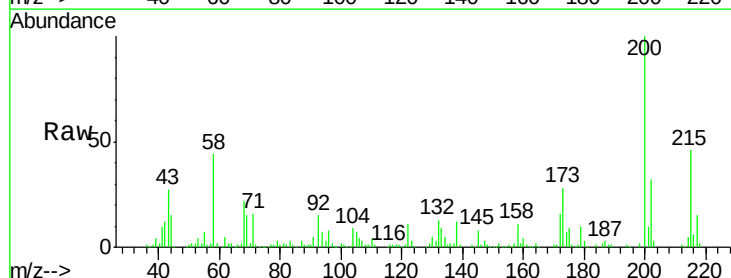


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

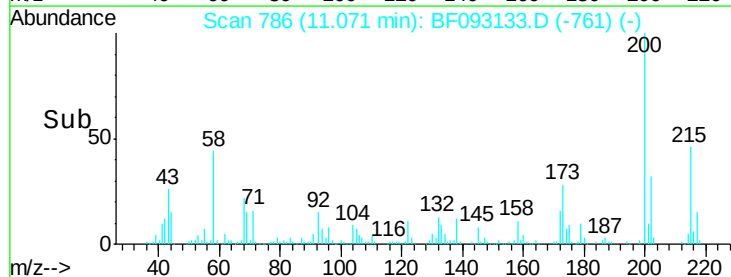
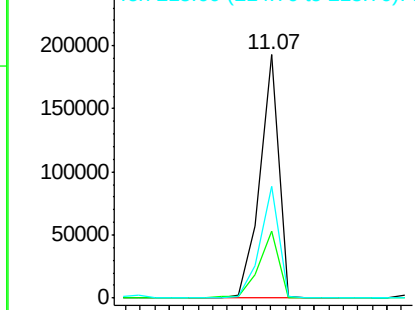


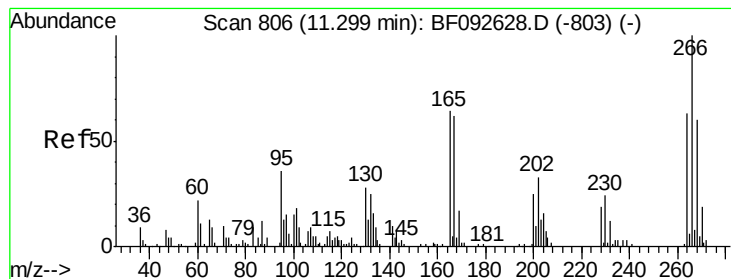
#68
Atrazine
Concen: 47.08 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion: 200 Resp: 174401
Ion Ratio Lower Upper
200 100
173 27.7 9.6 49.6
215 45.7 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: 71.64 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

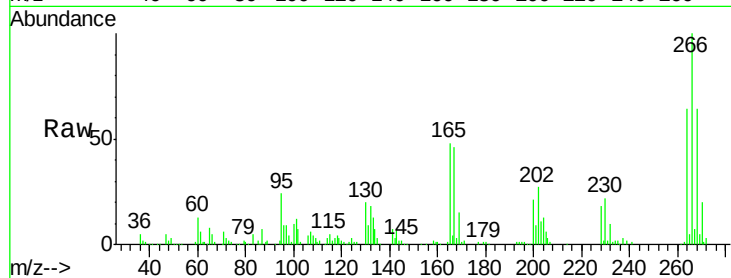
Tgt Ion:266 Resp: 136383

Ion Ratio Lower Upper

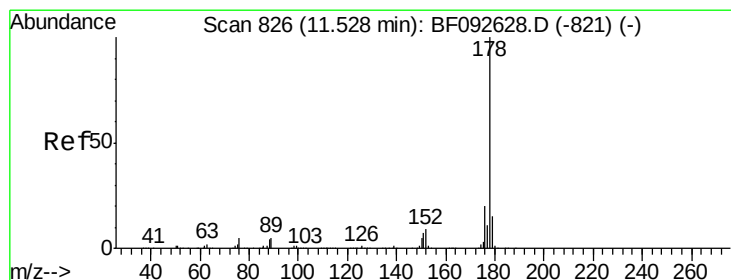
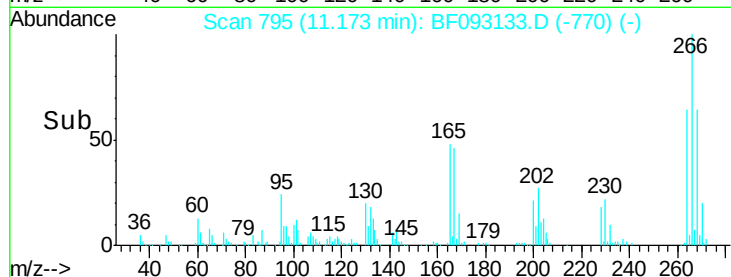
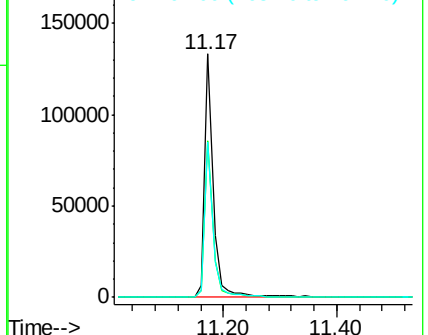
266 100

268 64.1 53.3 79.9

264 63.8 50.3 75.5



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



#70

Phenanthrene

Concen: 38.17 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

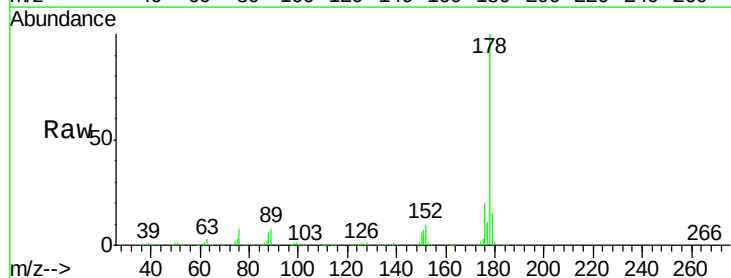
Tgt Ion:178 Resp: 790208

Ion Ratio Lower Upper

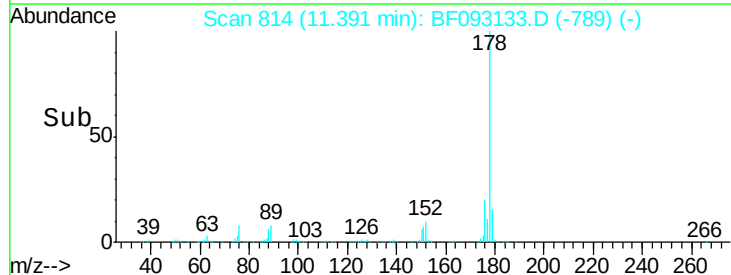
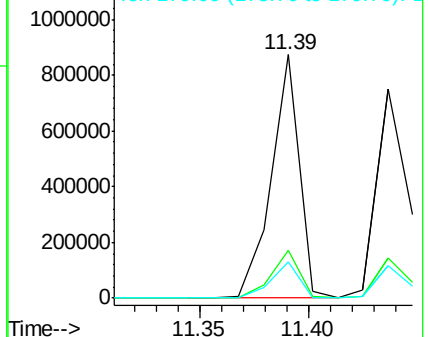
178 100

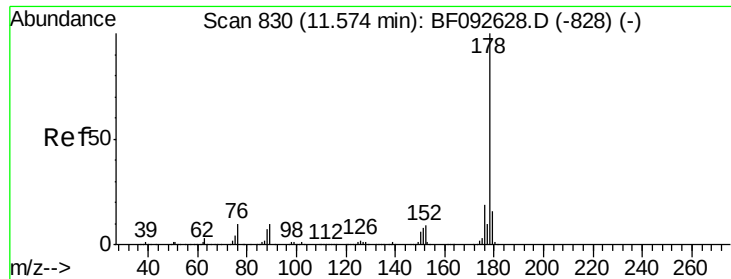
176 19.7 16.6 25.0

179 15.0 12.8 19.2



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

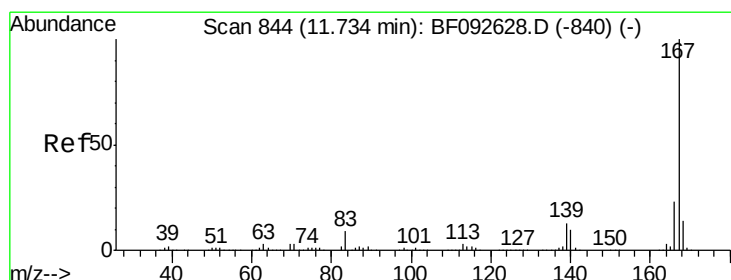
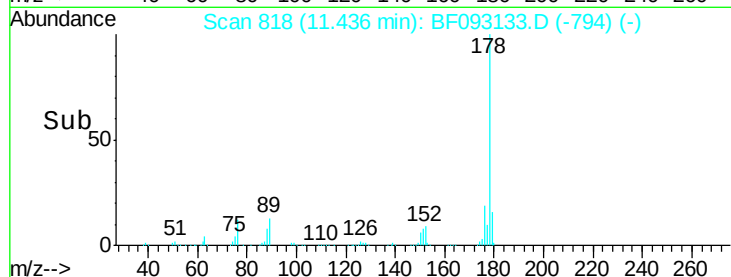
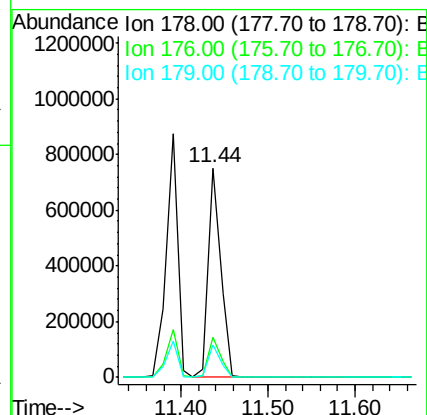
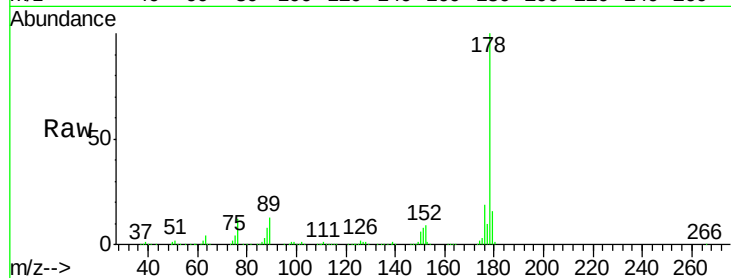




#71
 Anthracene
 Concen: 36.25 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

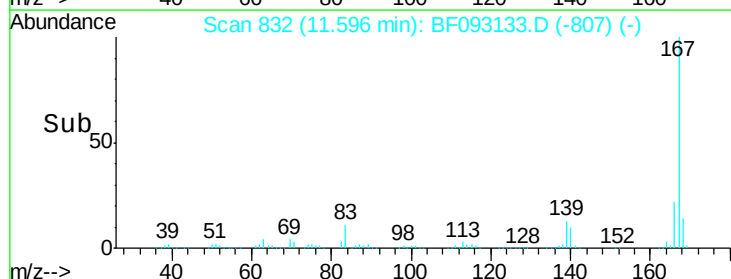
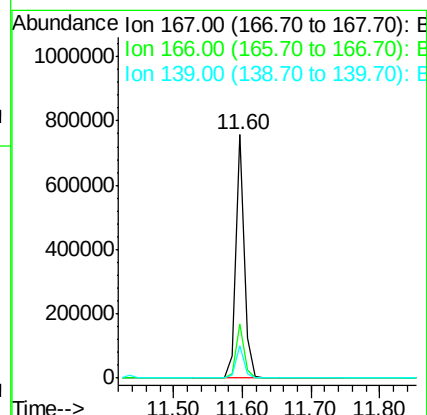
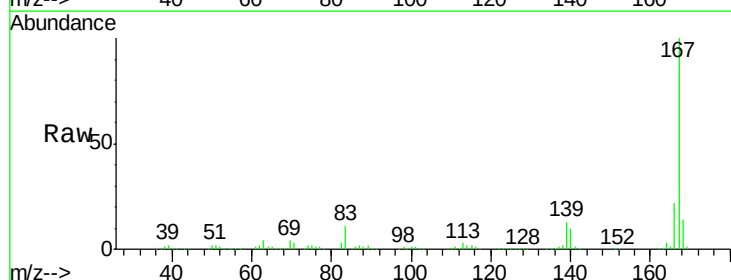
Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

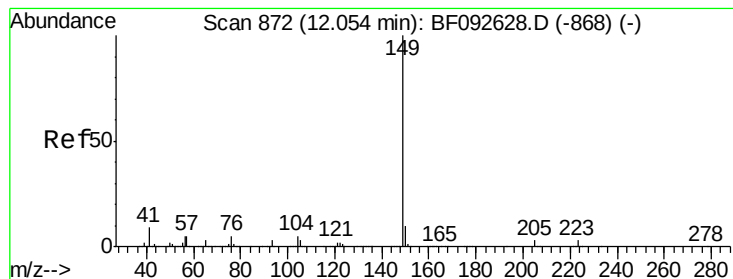
Tgt Ion:178 Resp: 753661
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.7 13.2 19.8



#72
 Carbazole
 Concen: 33.28 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion:167 Resp: 661397
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 13.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 45.82 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

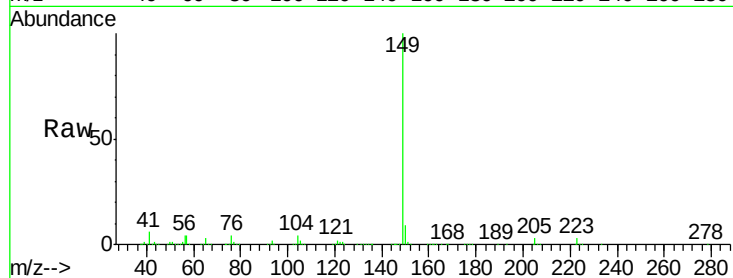
Tgt Ion:149 Resp: 984814

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

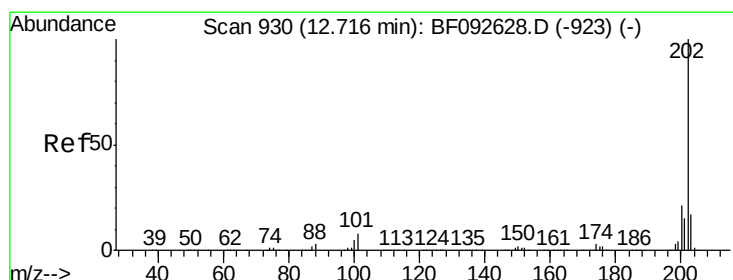
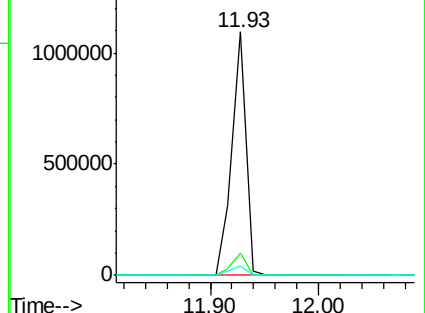
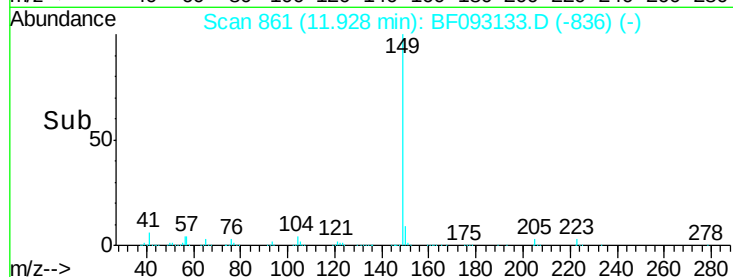
104 3.9 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.61 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

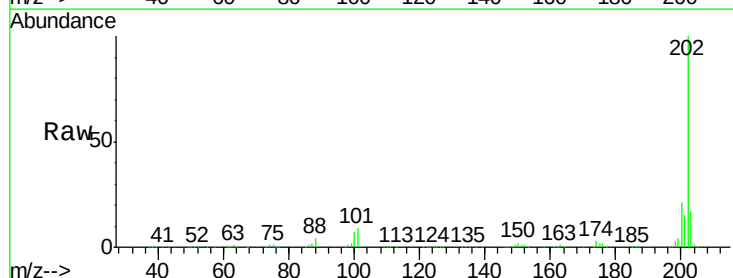
Tgt Ion:202 Resp: 739038

Ion Ratio Lower Upper

202 100

101 8.6 0.0 34.6

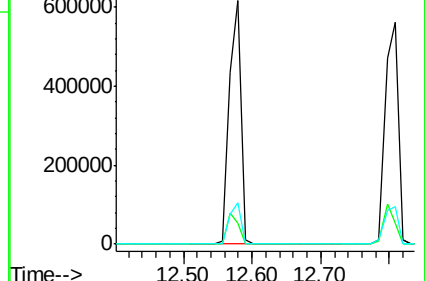
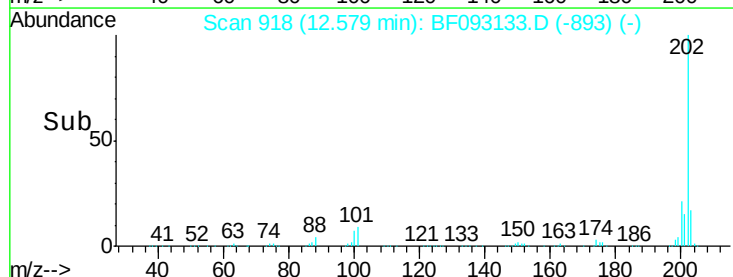
203 17.0 0.0 38.7

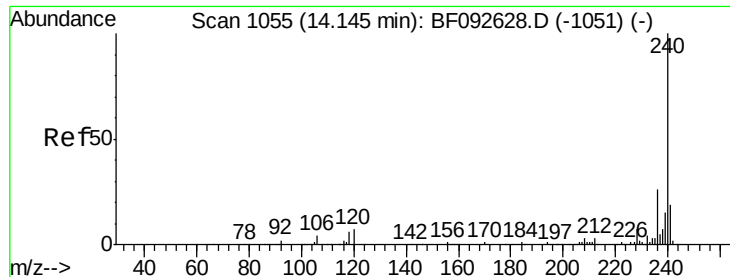


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

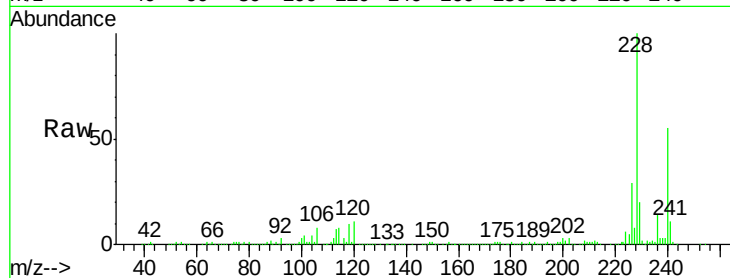
Tgt Ion:240 Resp: 283616

Ion Ratio Lower Upper

240 100

120 19.8 12.9 19.3#

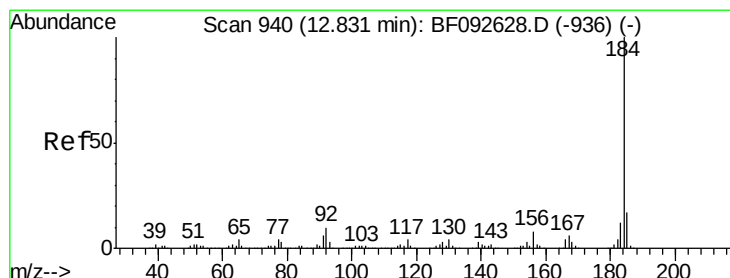
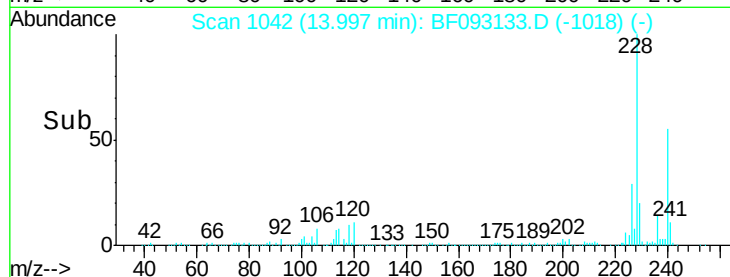
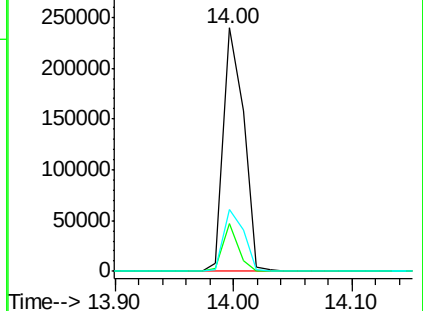
236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.68 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

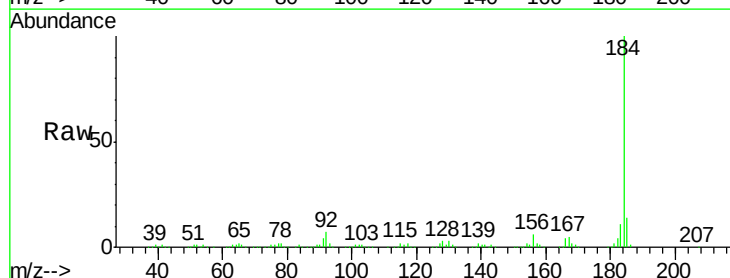
Tgt Ion:184 Resp: 455438

Ion Ratio Lower Upper

184 100

185 13.9 13.4 20.0

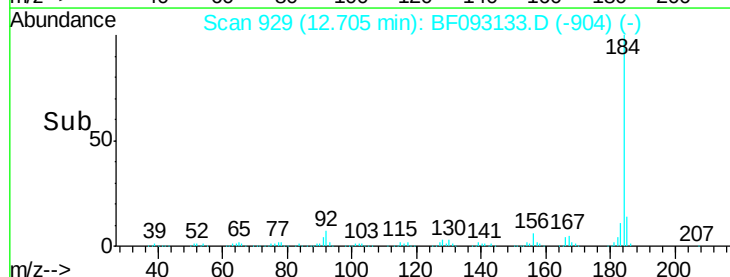
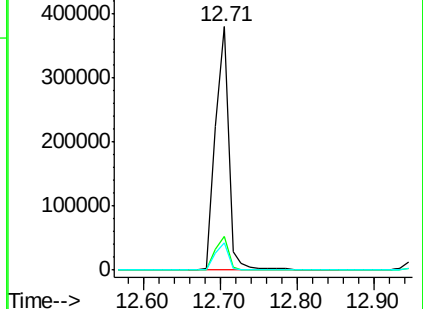
183 11.4 9.2 13.8

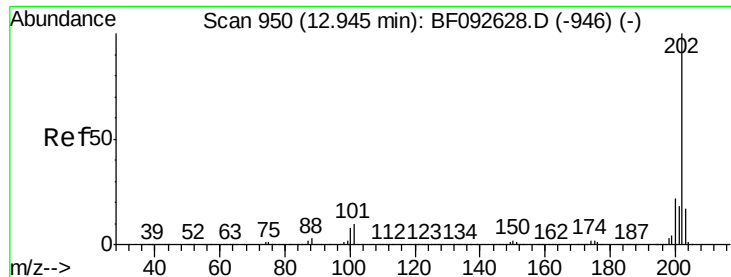


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

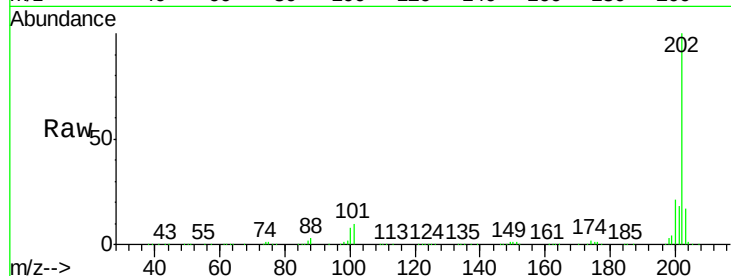




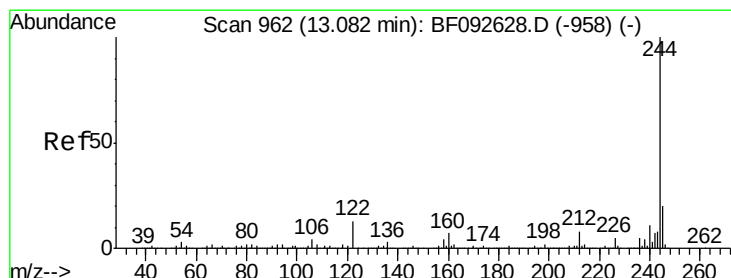
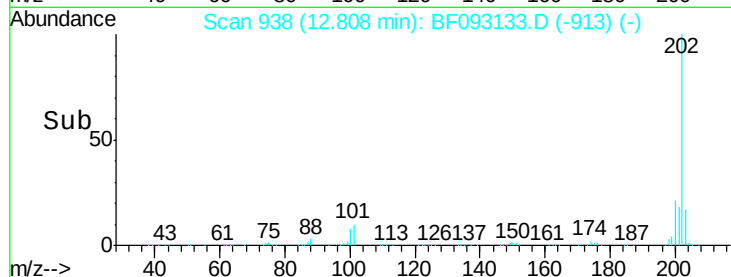
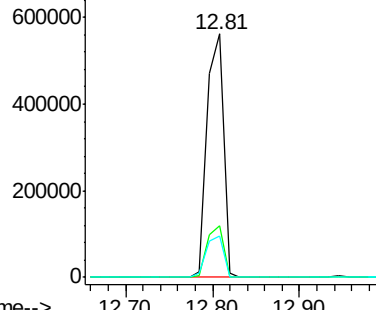
#77
Pyrene
 Concen: 34.32 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	17.0	14.7	22.1

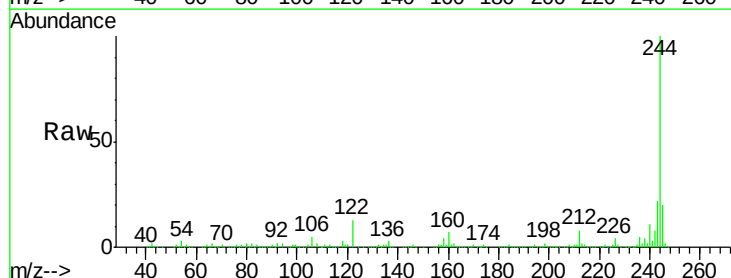


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

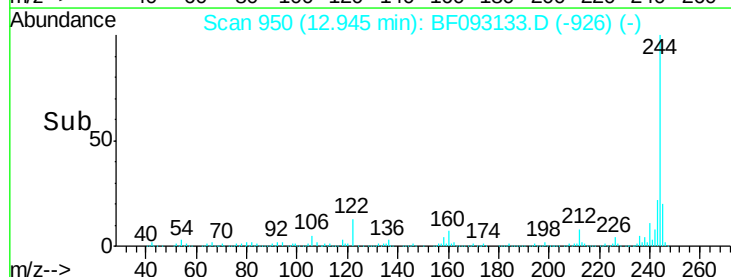
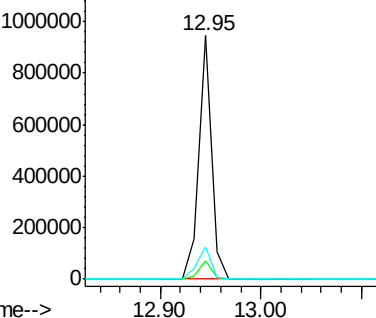


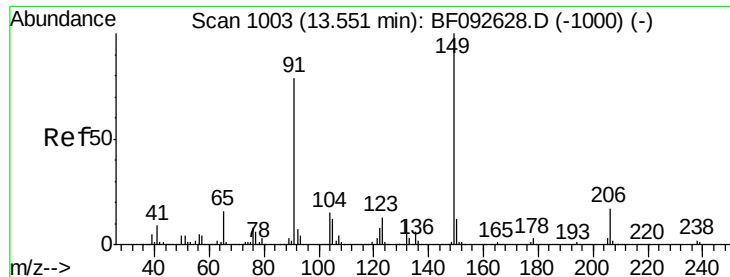
#78
Terphenyl-d14
 Concen: 69.10 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.5	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: 39.57 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

ClientSampleId :

PB97121BSD

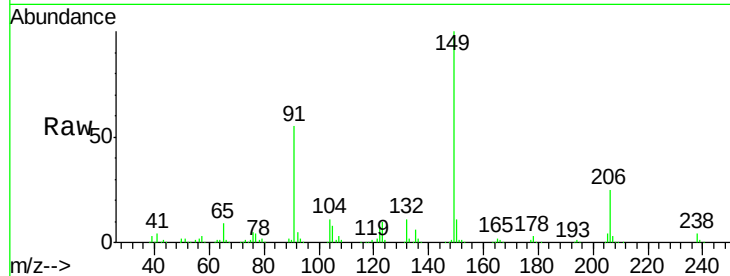
Tgt Ion:149 Resp: 341055

Ion Ratio Lower Upper

149 100

91 55.0 63.9 95.9#

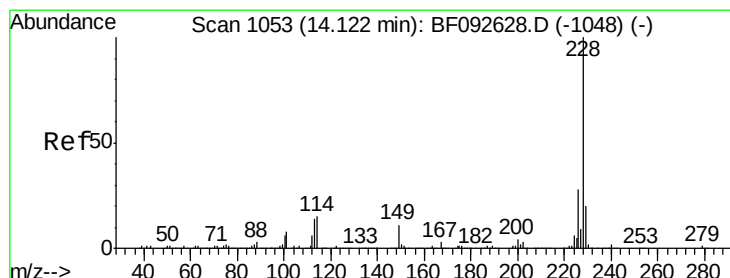
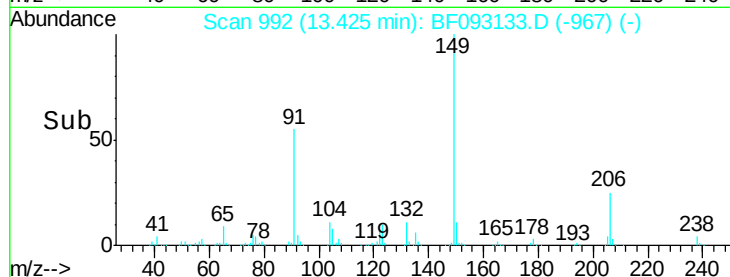
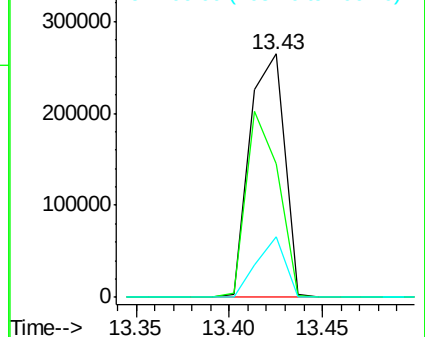
206 25.0 14.6 21.8#



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: 37.14 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

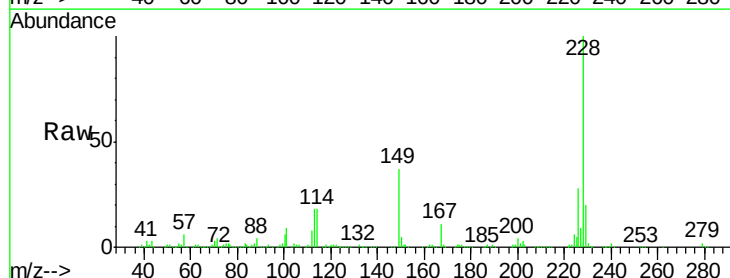
Tgt Ion:228 Resp: 644179

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

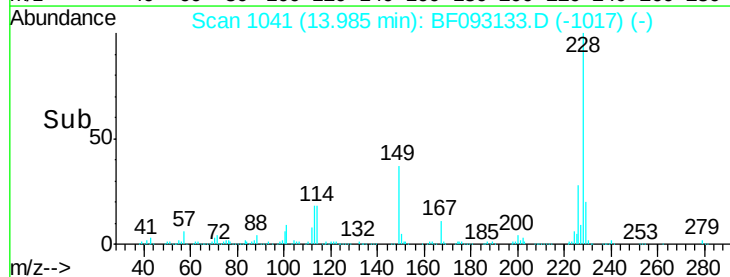
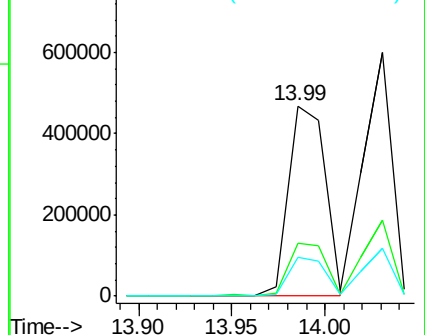
229 20.3 16.2 24.4

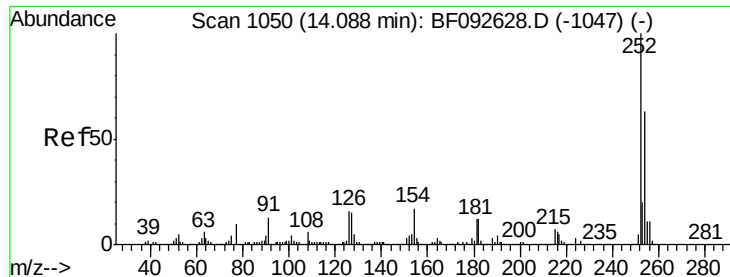


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

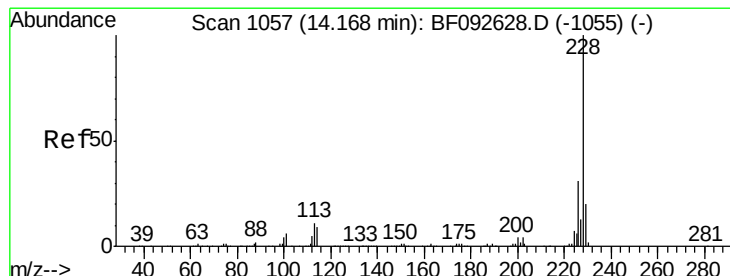
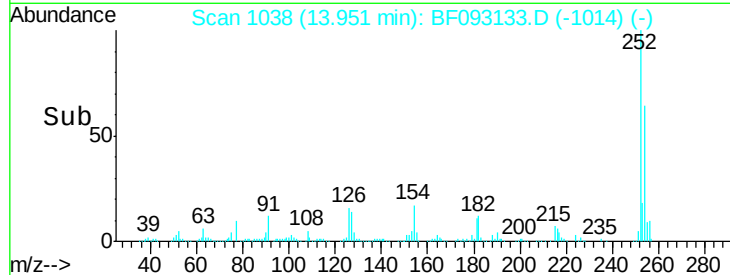
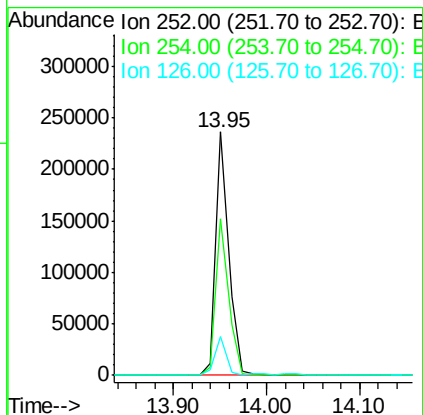
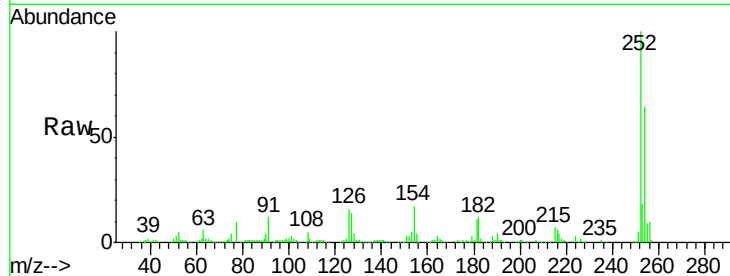




#81
 3,3'-Dichlorobenzidine
 Concen: 36.84 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

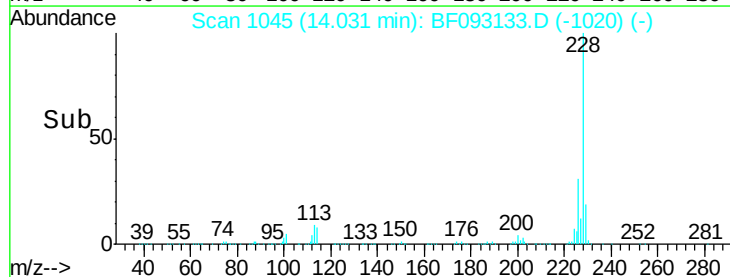
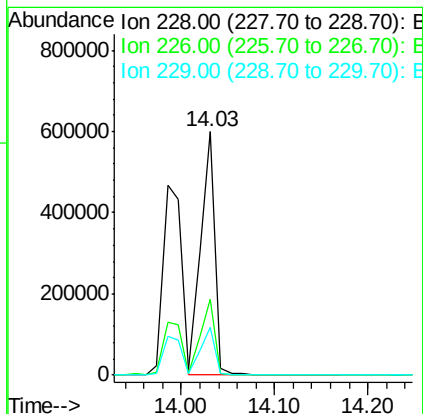
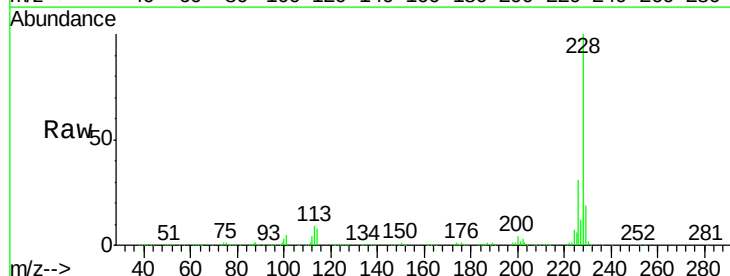
Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

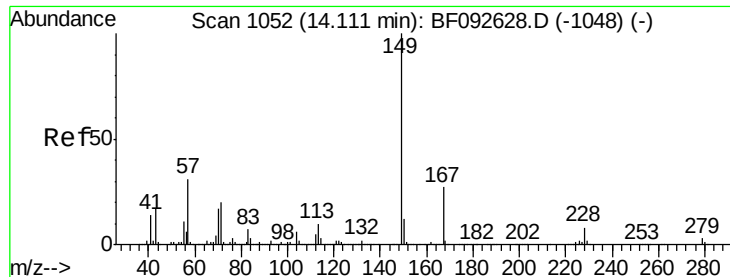
Tgt Ion: 252 Resp: 227780
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.3 78.5
 126 15.8 13.6 20.4



#82
 Chrysene
 Concen: 39.48 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion: 228 Resp: 641209
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 19.4 16.2 24.2

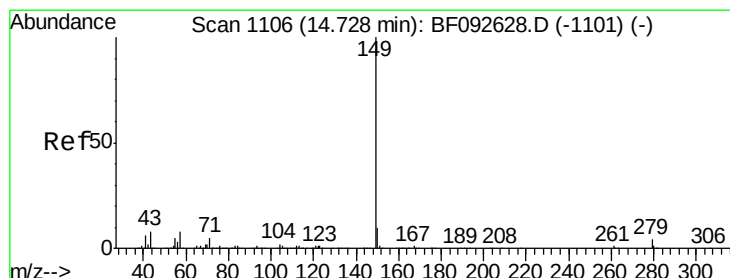
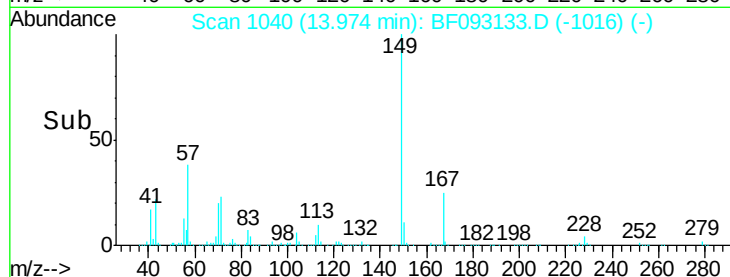
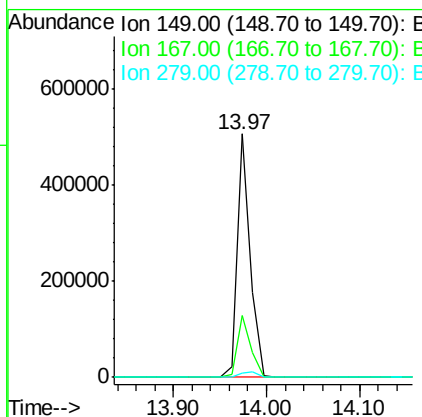
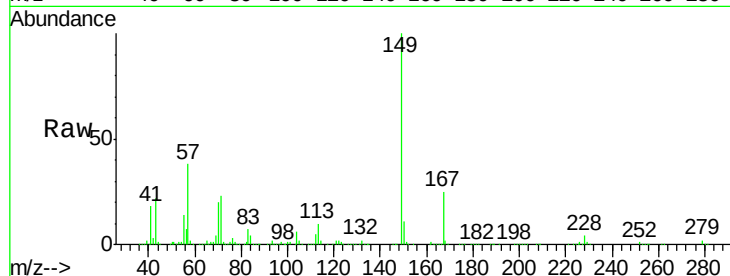




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.39 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

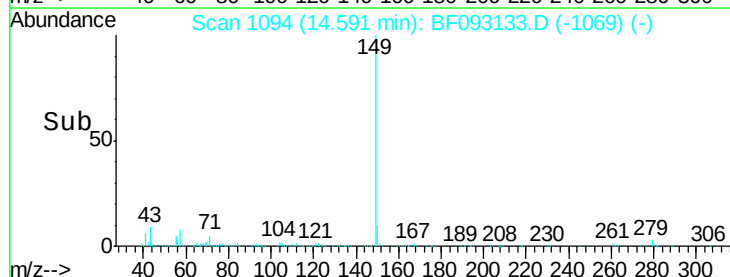
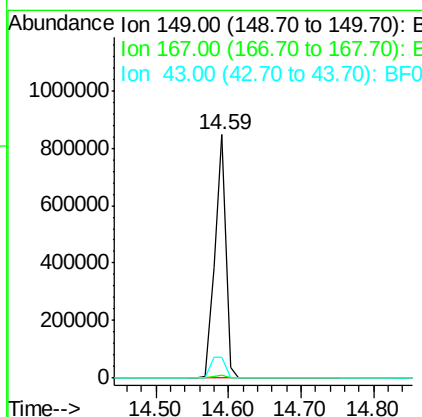
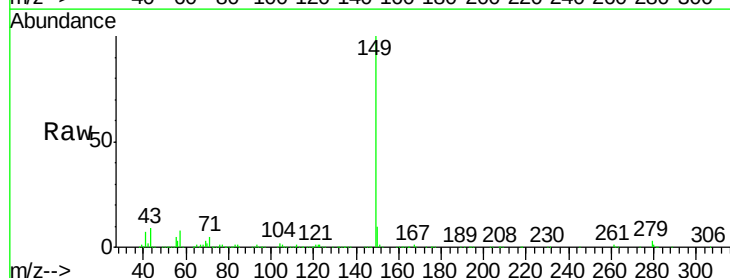
Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

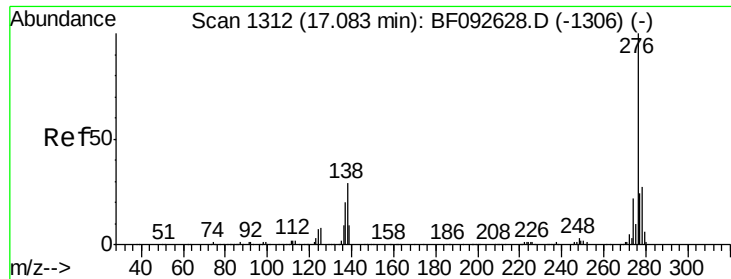
Tgt Ion:149 Resp: 487908
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.2 30.4
 279 2.0 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 45.79 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion:149 Resp: 878909
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 8.9 13.3

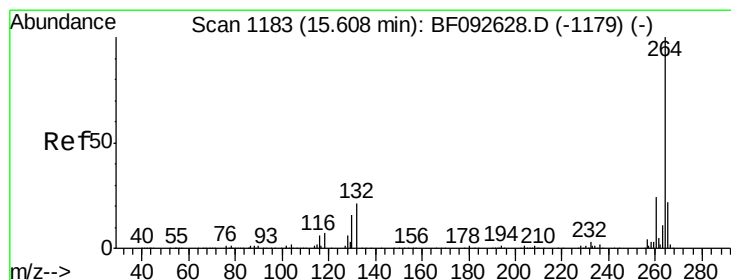
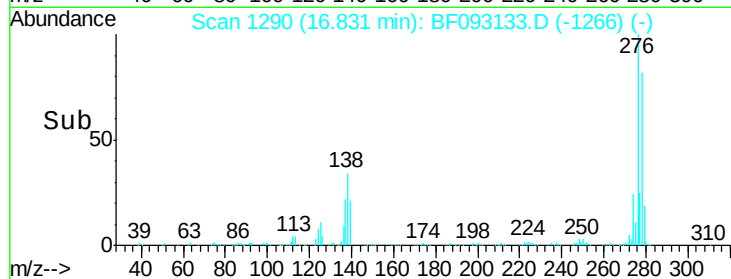
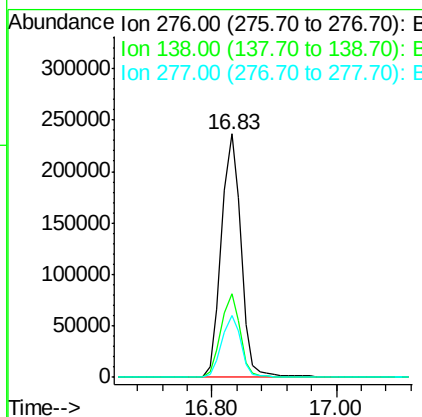
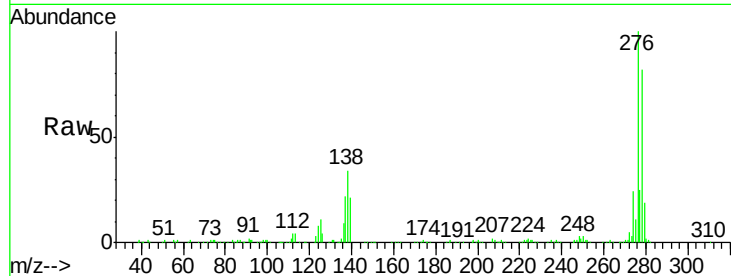




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.21 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

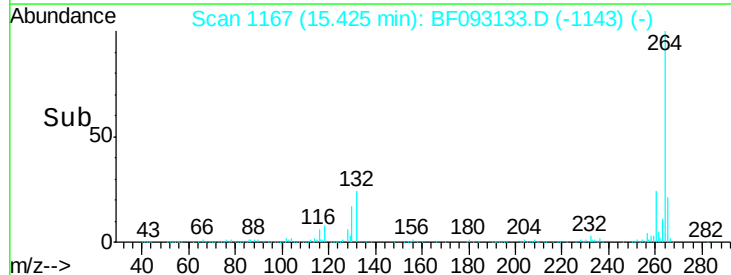
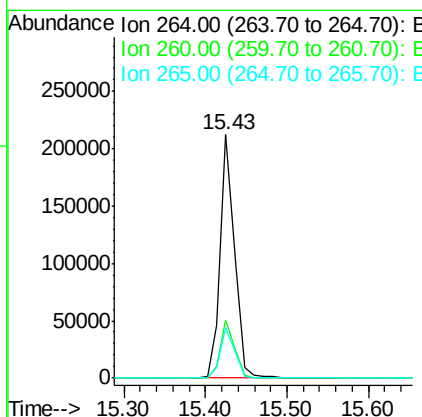
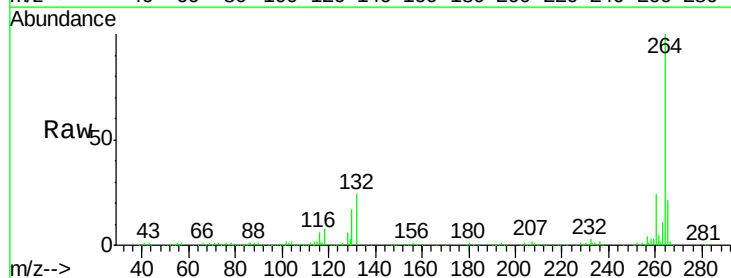
Instrument :
BNA_F
ClientSampleId :
PB97121BSD

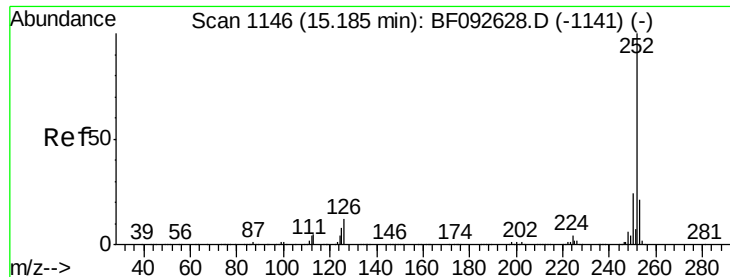
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.7	21.8	32.6#
277	25.2	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.9	17.4	26.0

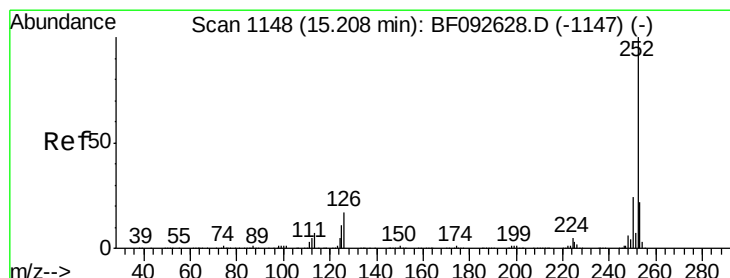
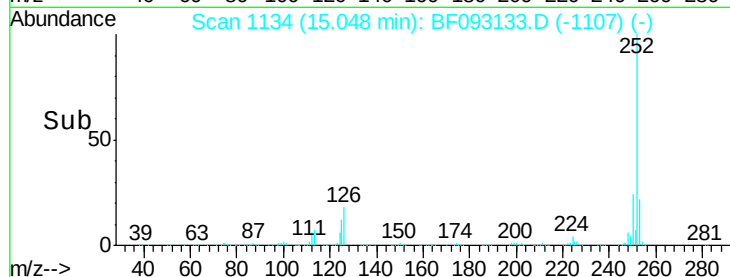
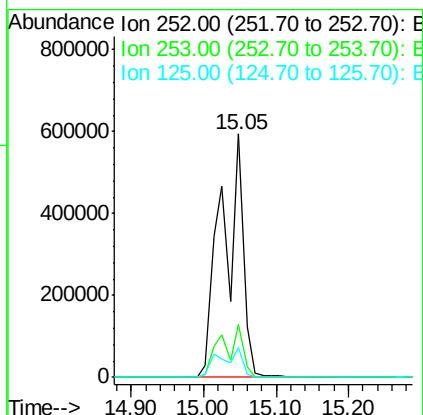
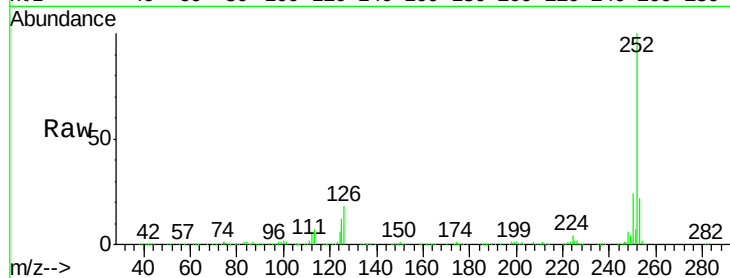




#87
Benzo(b)fluoranthene
Concen: 71.93 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

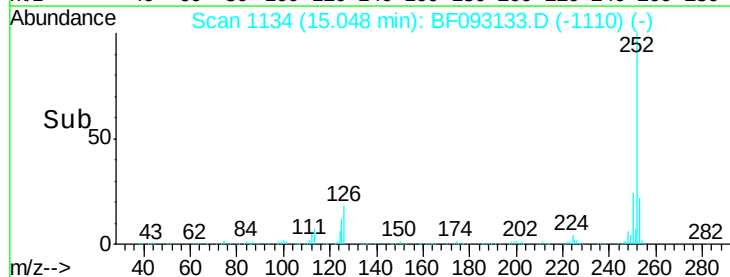
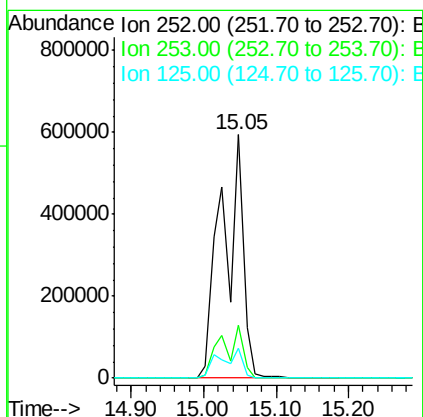
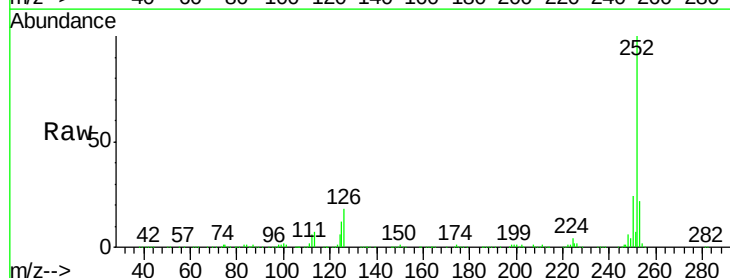
Instrument :
BNA_F
ClientSampleId :
PB97121BSD

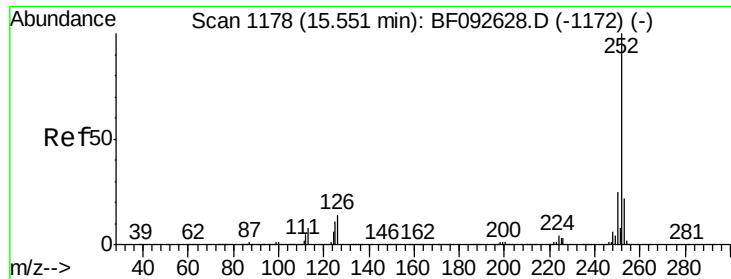
Tgt Ion:252 Resp: 1217749
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 12.2 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 83.31 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion:252 Resp: 1217749
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 12.2 8.9 13.3





#89

Benzo(a)pyrene

Concen: 38.16 ng

RT: 15.37 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

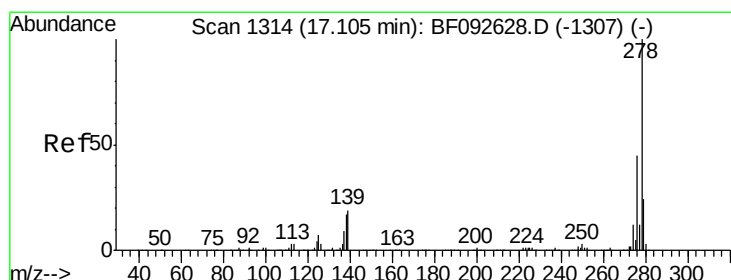
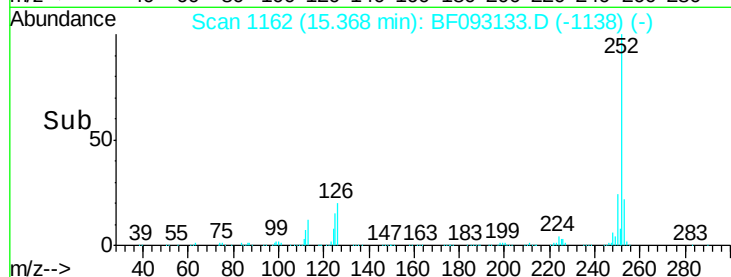
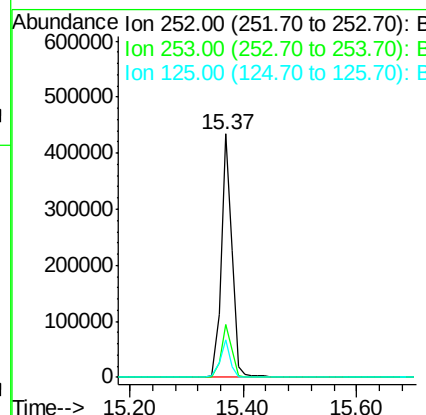
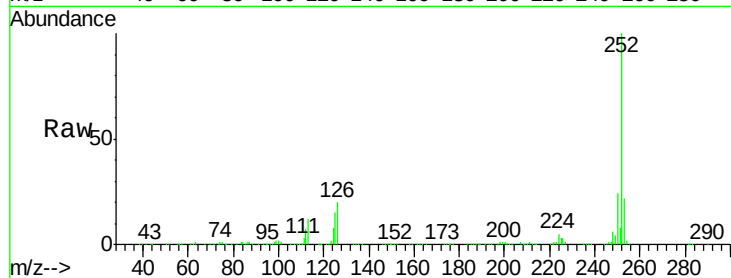
Instrument :

BNA_F

ClientSampleId :

PB97121BSD

Tgt Ion:	252	Resp:	558792
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	15.3	10.0	15.0#



#90

Dibenzo(a,h)anthracene

Concen: 38.11 ng

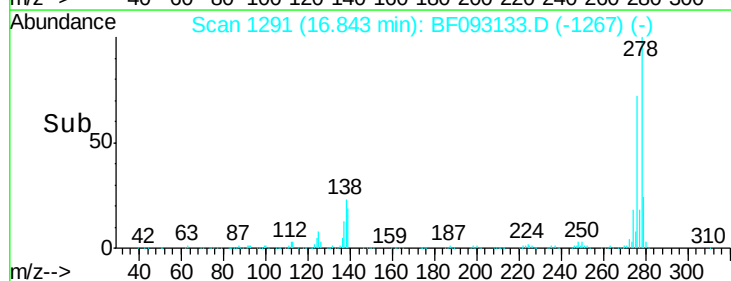
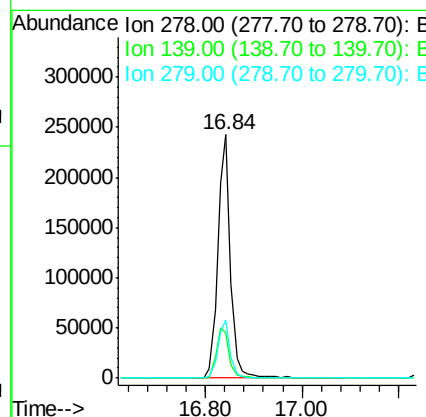
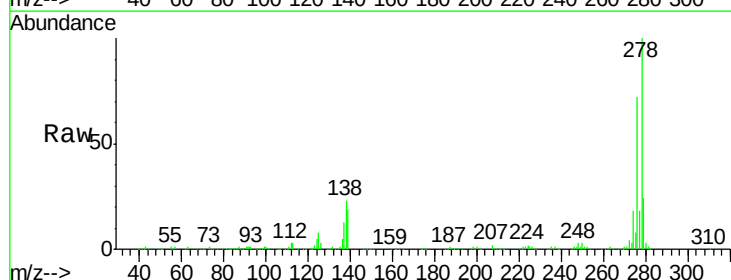
RT: 16.84 min Scan# 1291

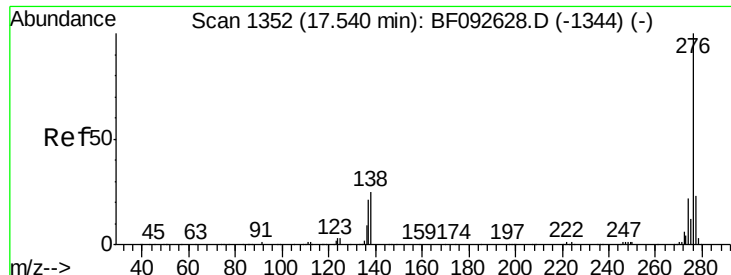
Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Tgt Ion:	278	Resp:	451030
Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.8	22.2
279	23.7	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 34.19 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	27.0	16.0	24.0

