

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093435.D
 Acq On : 8 Mar 2017 18:23
 Operator : SJ/MA
 Sample : PB97426BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Quant Time: Mar 09 00:03:28 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	195453	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	778023	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	381668	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	684958	20.00	ng	0.01
75) Chrysene-d12	13.93	240	580164	20.00	ng	0.01
86) Perylene-d12	15.34	264	440164	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1331105	113.35	ng	0.01
7) Phenol-d6	6.42	99	1790847	120.93	ng	0.01
23) Nitrobenzene-d5	7.34	82	1090088	77.74	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	340034	136.74	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1814882	88.45	ng	0.00
78) Terphenyl-d14	12.87	244	1490912	66.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	199236	30.80	ng	# 83
3) Pyridine	3.04	79	491115	29.78	ng	89
4) n-Nitrosodimethylamine	3.00	42	275553	34.98	ng	84
6) Aniline	6.44	93	193745	9.53	ng	# 19
8) 2-Chlorophenol	6.55	128	494324	37.57	ng	97
9) Benzaldehyde	6.32	77	74047	5.73	ng	96
10) Phenol	6.44	94	630911	34.77	ng	# 74
11) bis(2-Chloroethyl)ether	6.50	93	513436	35.01	ng	95
12) 1,3-Dichlorobenzene	6.70	146	527104	35.00	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	547350	35.50	ng	97
14) 1,2-Dichlorobenzene	6.94	146	468297	34.30	ng	94
15) Benzyl Alcohol	6.93	79	399067	37.80	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	844809	34.67	ng	83
17) 2-Methylphenol	7.04	107	412599	37.07	ng	94
18) Hexachloroethane	7.27	117	184844	35.54	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	391718	38.47	ng	96
20) 3+4-Methylphenols	7.20	107	572165	39.64	ng	# 74
22) Acetophenone	7.19	105	685282	36.60	ng	# 94
24) Nitrobenzene	7.36	77	594576	37.73	ng	93
25) Isophorone	7.60	82	1069863	37.84	ng	97
26) 2-Nitrophenol	7.68	139	281449	39.14	ng	88
27) 2,4-Dimethylphenol	7.73	122	496320	42.43	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	639477	35.82	ng	98
29) 2,4-Dichlorophenol	7.93	162	436102	39.63	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	433971	37.08	ng	97
31) Naphthalene	8.07	128	1351252	34.66	ng	100
32) Benzoic acid	7.89	122	286713	47.17	ng	96
33) 4-Chloroaniline	8.15	127	109423	6.92	ng	97
34) Hexachlorobutadiene	8.18	225	211044	35.01	ng	99
35) Caprolactam	8.52	113	107179	28.52	ng	# 39
36) 4-Chloro-3-methylphenol	8.64	107	487483	41.51	ng	95
37) 2-Methylnaphthalene	8.77	142	916475	36.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	411957	39.53	ng	99
40) Hexachlorocyclopentadiene	8.92	237	221668	83.64	ng	97

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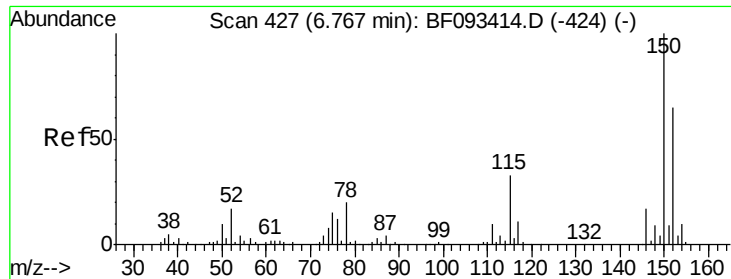
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.05	196	276045	42.39	ng	92
43) 2,4,5-Trichlorophenol	9.11	196	274853	39.34	ng	# 87
45) 1,1'-Biphenyl	9.24	154	1110483	39.94	ng	99
46) 2-Chloronaphthalene	9.26	162	903943	42.47	ng	99
47) 2-Nitroaniline	9.36	65	297061	39.48	ng	89
48) Acenaphthylene	9.67	152	1370868	39.06	ng	98
49) Dimethylphthalate	9.53	163	1029473	40.69	ng	98
50) 2,6-Dinitrotoluene	9.61	165	225838	40.68	ng	# 76
51) Acenaphthene	9.84	154	850301	40.97	ng	97
52) 3-Nitroaniline	9.78	138	67655	10.14	ng	87
53) 2,4-Dinitrophenol	9.90	184	220399	87.17	ng	# 57
54) Dibenzofuran	10.01	168	1172443	45.13	ng	96
55) 4-Nitrophenol	9.97	139	266399	82.23	ng	94
56) 2,4-Dinitrotoluene	10.02	165	282226	41.38	ng	# 68
57) Fluorene	10.36	166	921613	41.87	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	211093	42.81	ng	99
59) Diethylphthalate	10.23	149	963055	39.82	ng	100
60) 4-Chlorophenyl-phenylether	10.34	204	422954	42.86	ng	88
61) 4-Nitroaniline	10.40	138	248233	36.39	ng	84
62) Azobenzene	10.50	77	1251585	45.55	ng	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	166865	37.60	ng	90
65) n-Nitrosodiphenylamine	10.47	169	836323	36.57	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	264918	36.57	ng	# 85
67) Hexachlorobenzene	10.90	284	250101	36.16	ng	93
68) Atrazine	11.00	200	220609	32.95	ng	99
69) Pentachlorophenol	11.11	266	208531	87.33	ng	97
70) Phenanthrene	11.32	178	1386769	35.47	ng	99
71) Anthracene	11.36	178	1426986	36.08	ng	99
72) Carbazole	11.53	167	1337292	35.99	ng	97
73) Di-n-butylphthalate	11.85	149	1637664	38.10	ng	# 97
74) Fluoranthene	12.50	202	1417661	37.54	ng	96
76) Benzidine	12.63	184	276307	14.48	ng	96
77) Pyrene	12.73	202	1449970	34.36	ng	99
79) Butylbenzylphthalate	13.35	149	706197	39.76	ng	# 81
80) Benzo(a)anthracene	13.92	228	1170553	34.17	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	233822	19.49	ng	# 95
82) Chrysene	13.96	228	1006642	31.76	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	914337	36.93	ng	100
84) Di-n-octyl phthalate	14.52	149	1629782	39.50	ng	97
85) Indeno(1,2,3-cd)pyrene	16.72	276	838135	31.59	ng	# 93
87) Benzo(b)fluoranthene	14.97	252	1994718	74.41	ng	99
88) Benzo(k)fluoranthene	14.97	252	1994718	77.16	ng	# 97
89) Benzo(a)pyrene	15.29	252	932560	38.06	ng	97
90) Dibenzo(a,h)anthracene	16.72	278	710445	35.05	ng	97
91) Benzo(g,h,i)perylene	17.13	276	716242	34.43	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

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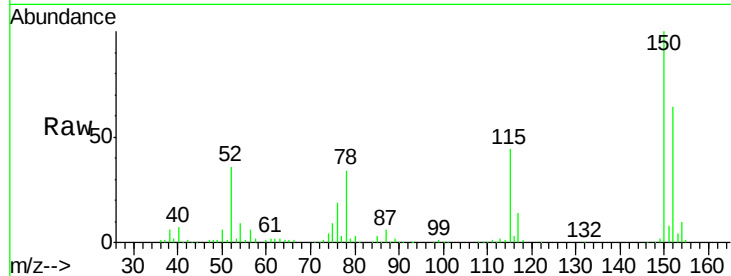
Tgt Ion:152 Resp: 195453

Ion Ratio Lower Upper

152 100

150 156.7 124.9 187.3

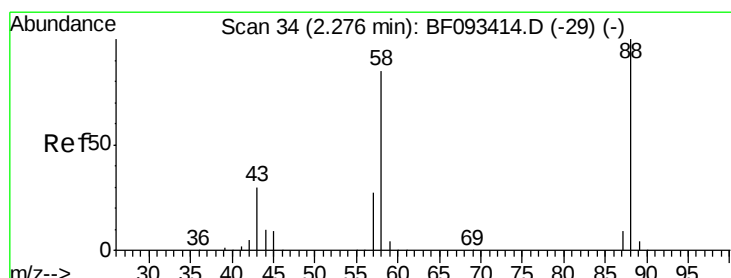
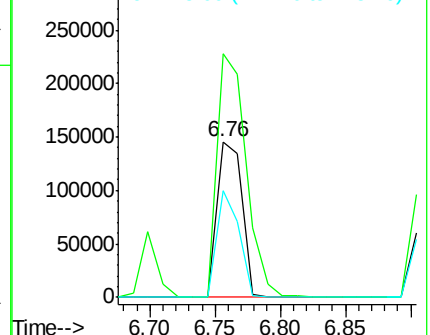
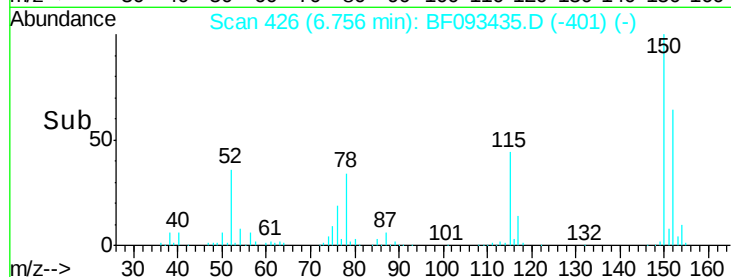
115 68.3 46.0 69.0



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: 30.80 ng

RT: 2.34 min Scan# 40

Delta R.T. 0.07 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

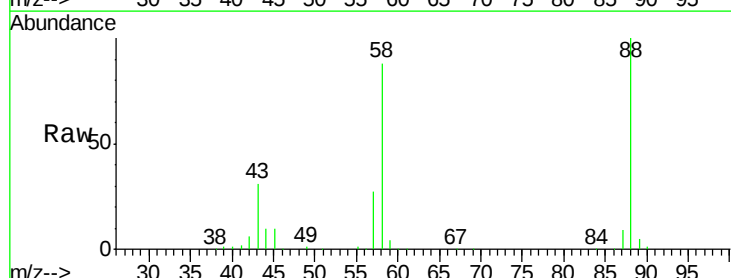
Tgt Ion: 88 Resp: 199236

Ion Ratio Lower Upper

88 100

58 89.3 57.8 86.8#

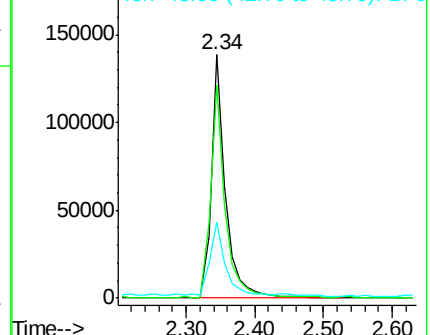
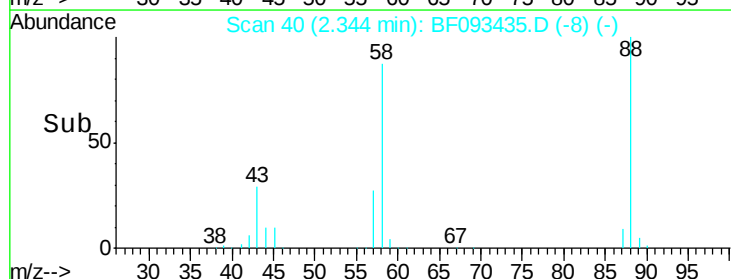
43 32.1 22.3 33.5

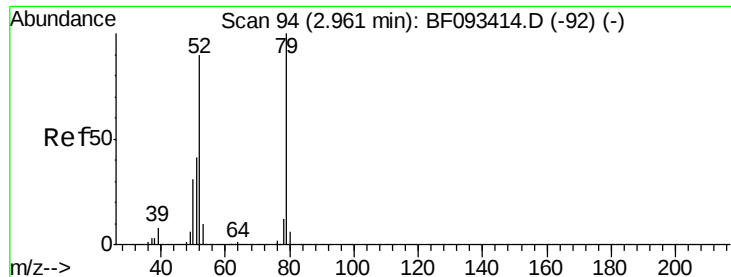


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.78 ng

RT: 3.04 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

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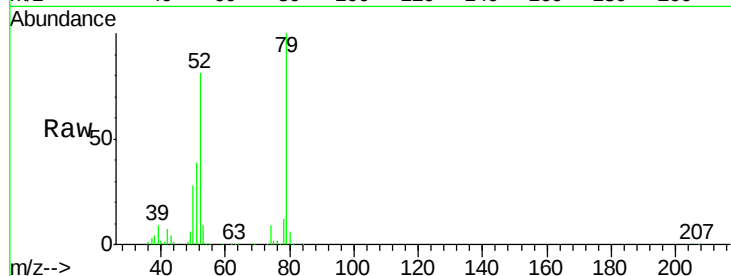
Tgt Ion: 79 Resp: 491115

Ion Ratio Lower Upper

79 100

52 81.4 57.1 85.7

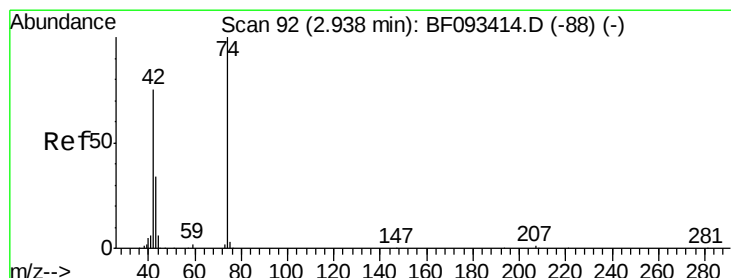
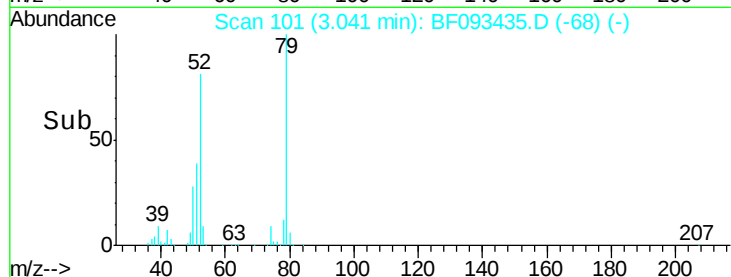
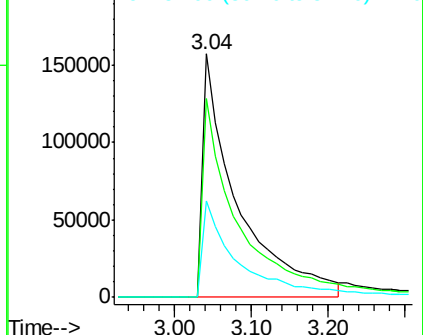
51 39.4 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.98 ng

RT: 3.00 min Scan# 97

Delta R.T. 0.06 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

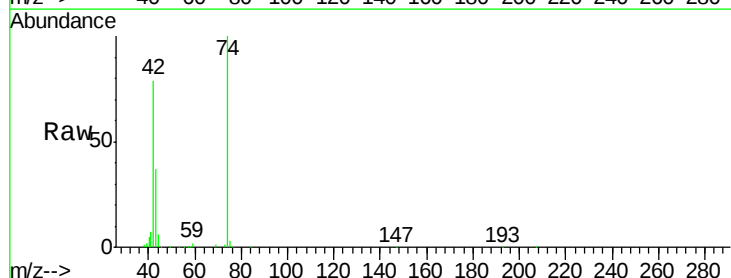
Tgt Ion: 42 Resp: 275553

Ion Ratio Lower Upper

42 100

74 125.8 117.0 175.4

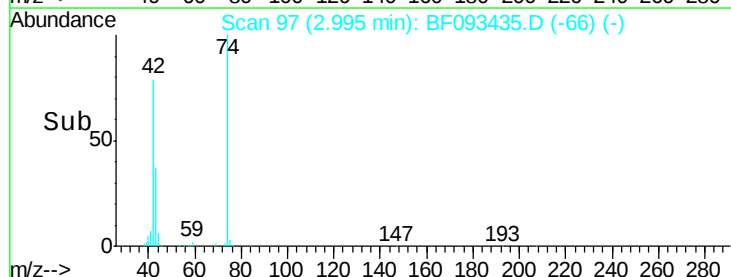
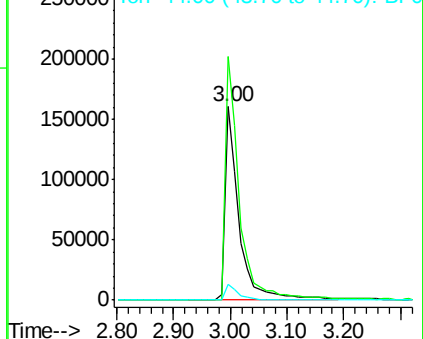
44 8.1 5.5 8.3

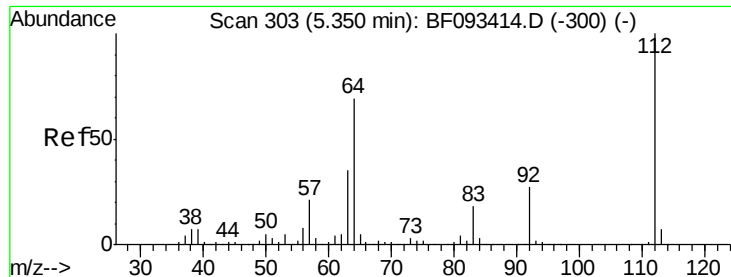


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.35 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

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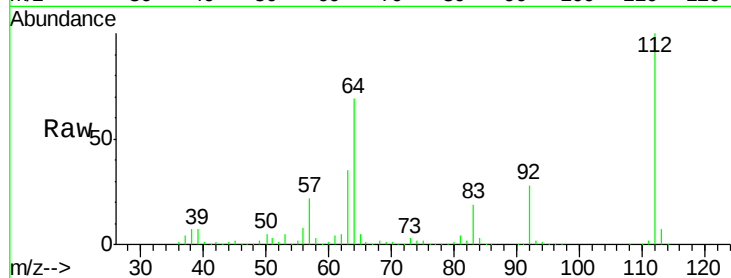
Tgt Ion:112 Resp: 1331105

Ion Ratio Lower Upper

112 100

64 69.1 46.1 69.1#

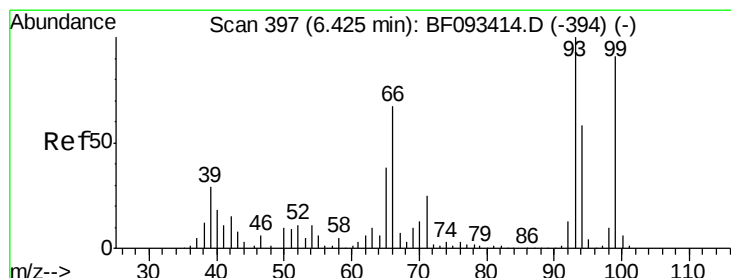
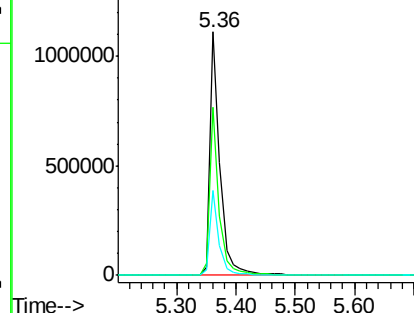
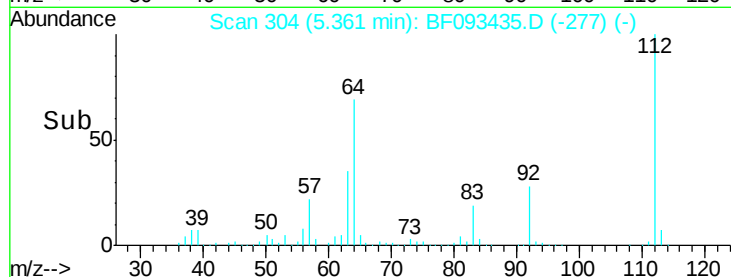
63 35.0 23.8 35.6



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: 9.53 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

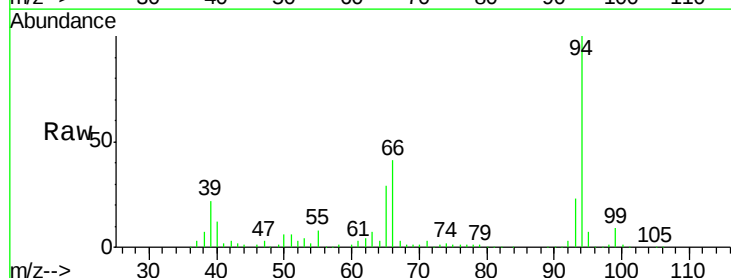
Tgt Ion: 93 Resp: 193745

Ion Ratio Lower Upper

93 100

66 173.5 76.2 114.2#

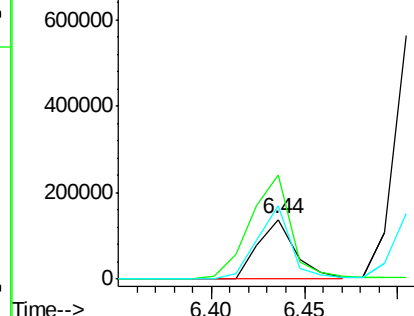
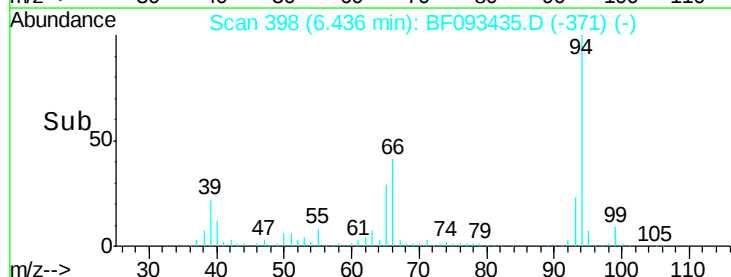
65 123.4 49.3 73.9#

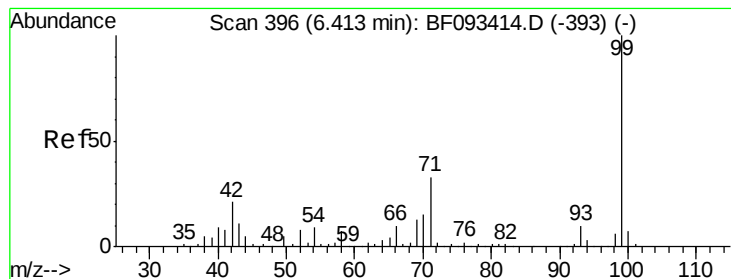


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.93 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

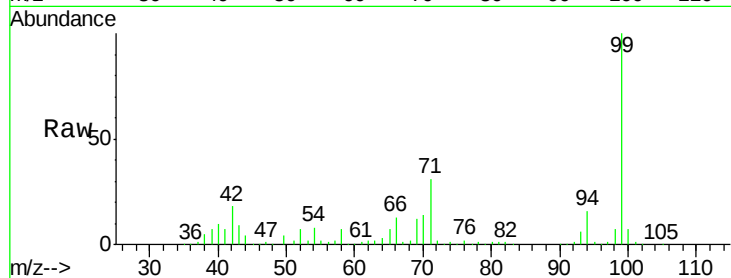
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1790847

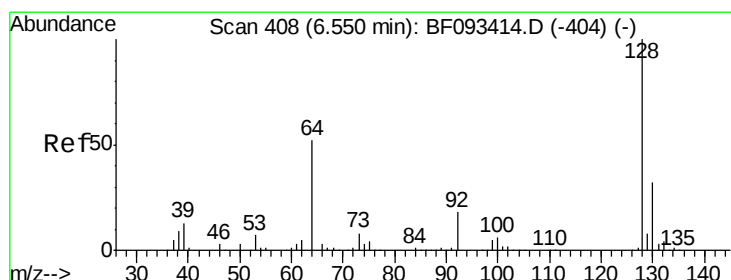
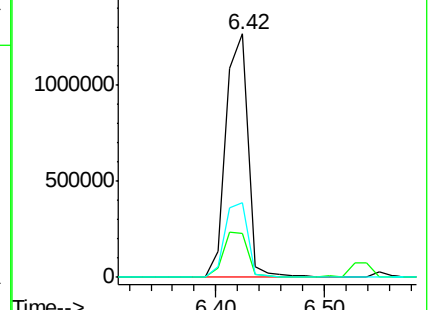
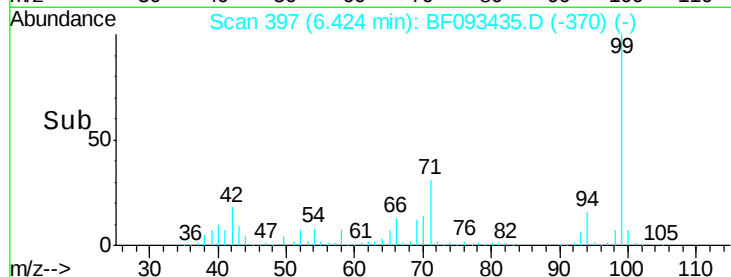
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.6	23.4
71	30.8	27.5	41.3



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: 37.57 ng

RT: 6.55 min Scan# 408

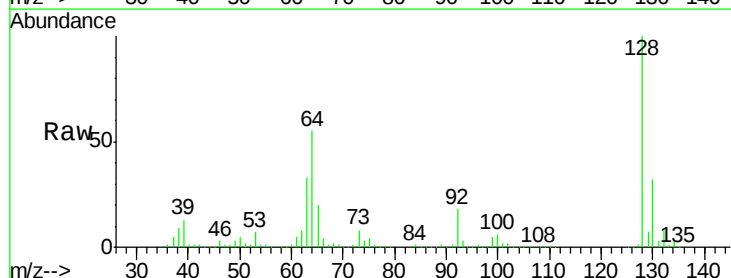
Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion: 128 Resp: 494324

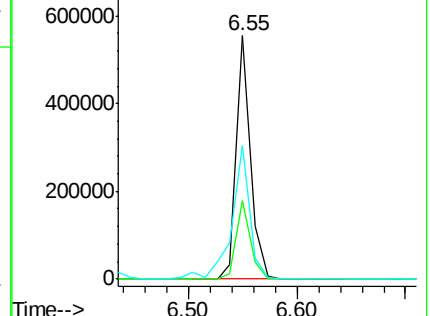
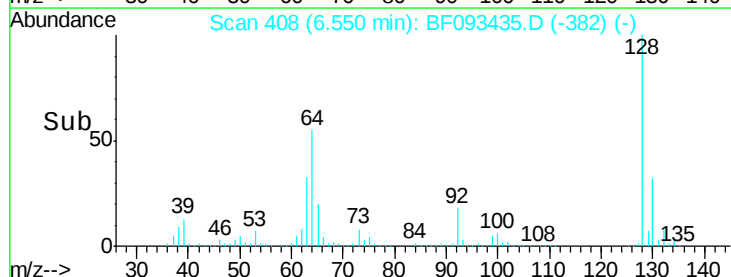
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	55.1	32.2	72.2

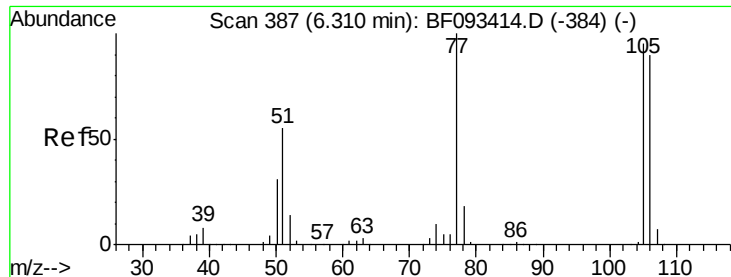


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.73 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF093435.D

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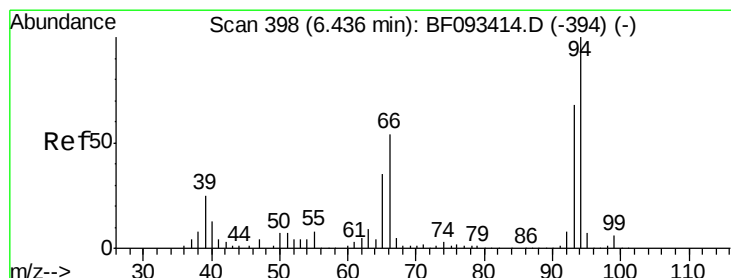
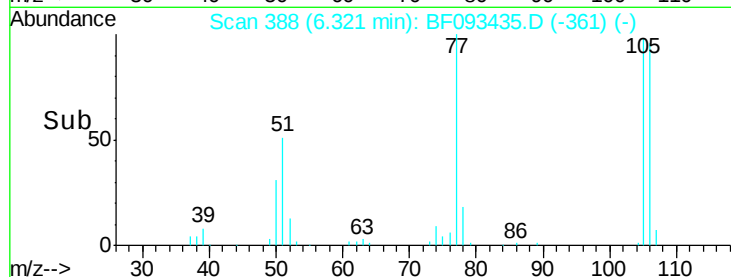
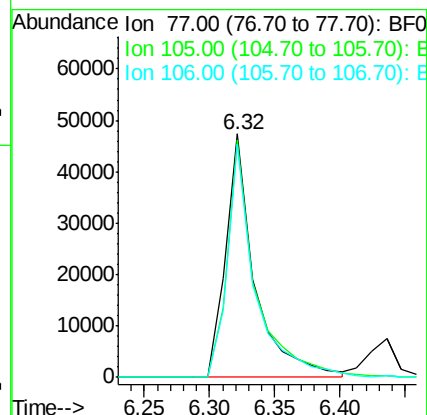
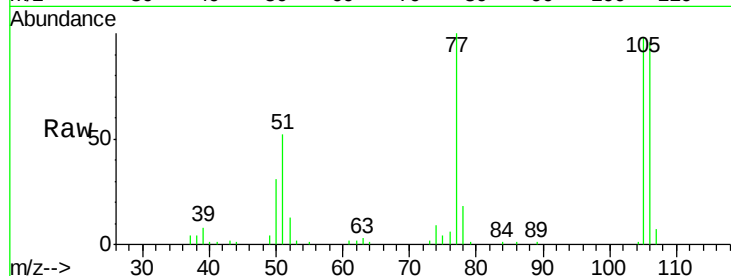
Tgt Ion: 77 Resp: 74047

Ion Ratio Lower Upper

77 100

105 97.6 83.9 123.9

106 95.6 77.6 117.6



#10

Phenol

Concen: 34.77 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

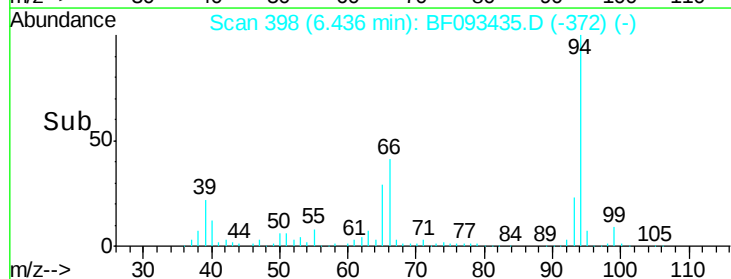
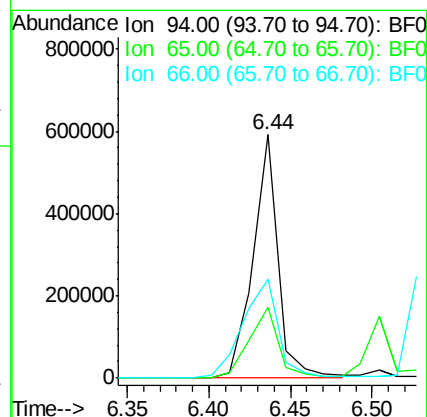
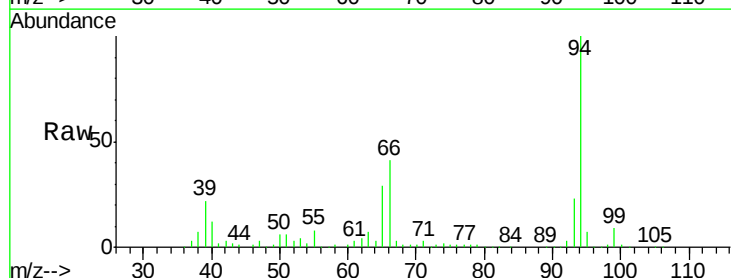
Tgt Ion: 94 Resp: 630911

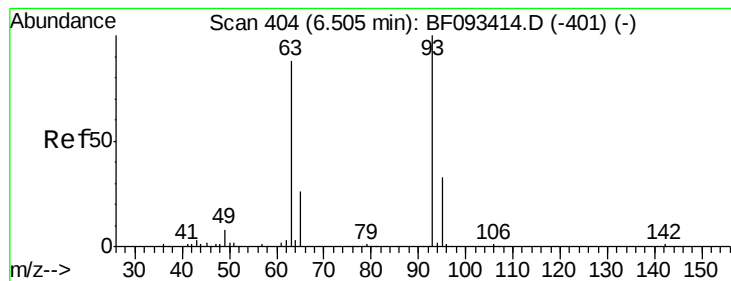
Ion Ratio Lower Upper

94 100

65 28.8 21.4 61.4

66 40.5 44.0 84.0#

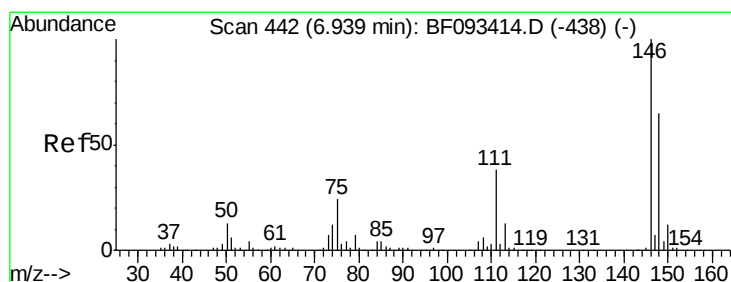
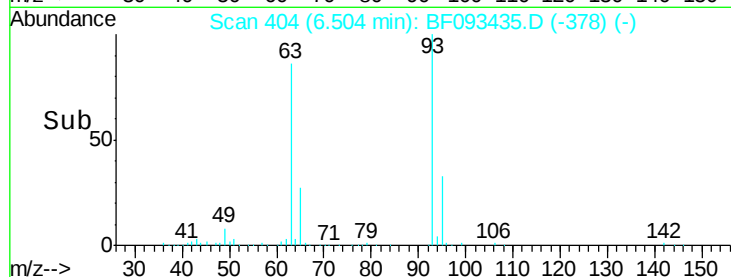
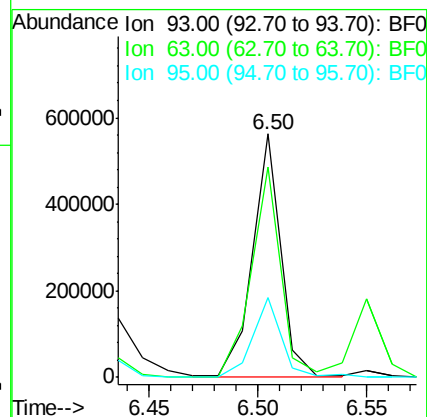
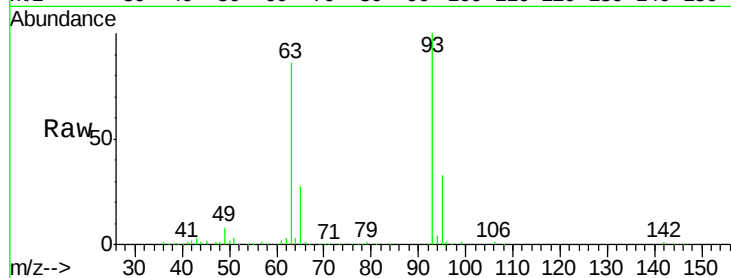




#11
bis(2-Chloroethyl)ether
Concen: 35.01 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

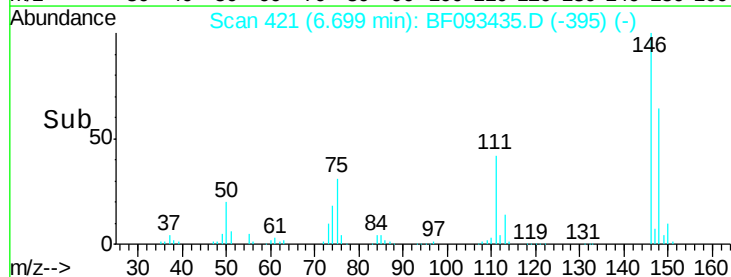
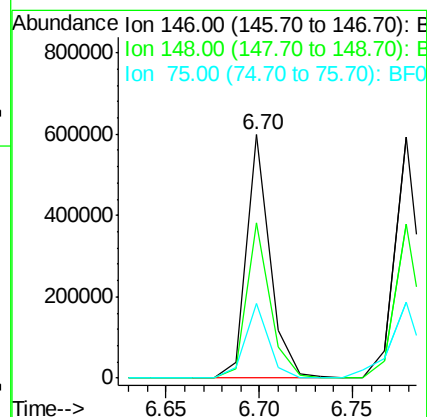
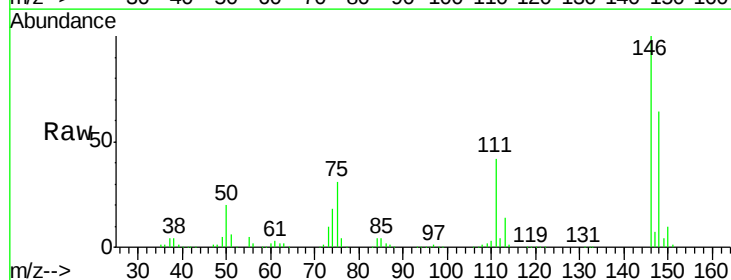
Instrument :
BNA_F
ClientSampleId :
PB97426BS

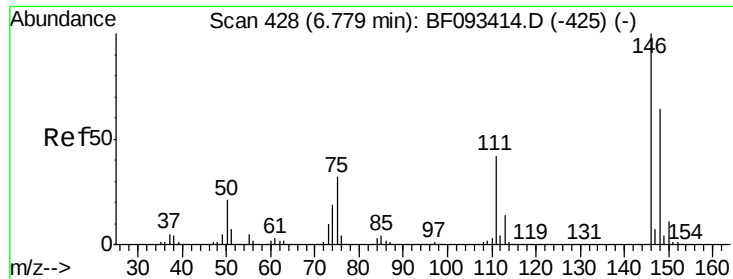
Tgt Ion: 93 Resp: 513436
Ion Ratio Lower Upper
93 100
63 86.5 60.4 100.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.00 ng
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion: 146 Resp: 527104
Ion Ratio Lower Upper
146 100
148 63.6 53.4 80.0
75 30.7 18.5 27.7#

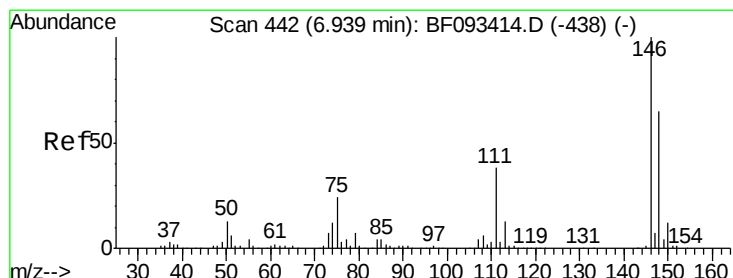
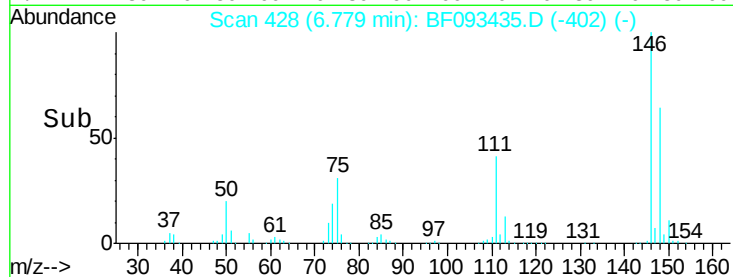
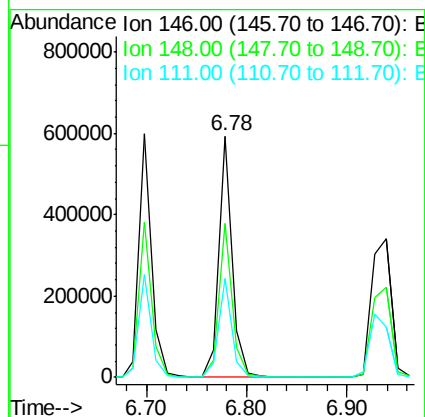
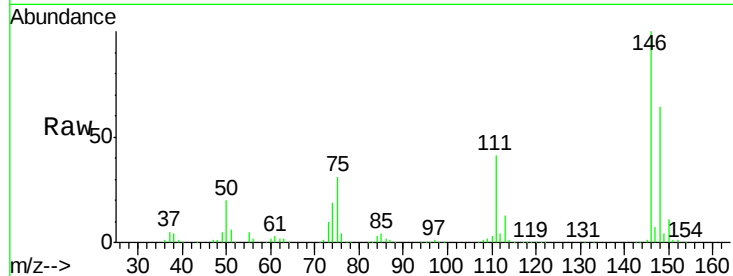




#13
 1,4-Dichlorobenzene
 Concen: 35.50 ng
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

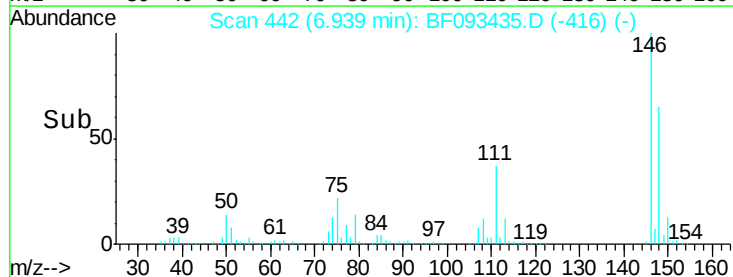
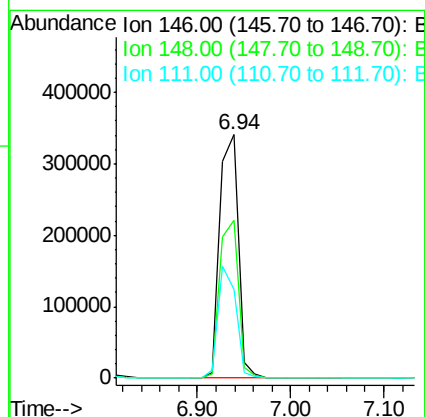
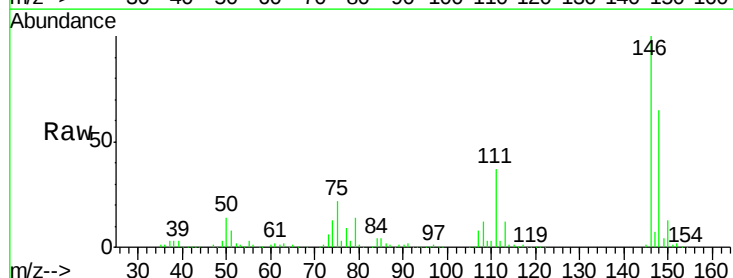
Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

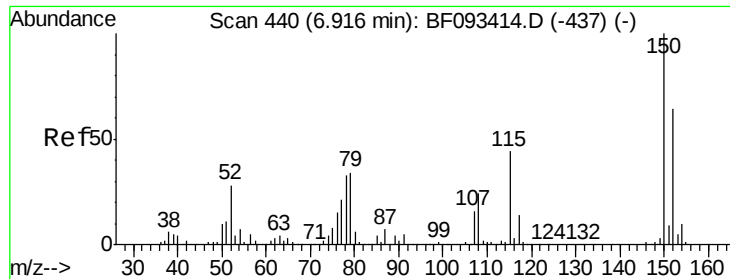
Tgt Ion:146 Resp: 547350
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 41.2 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 34.30 ng
 RT: 6.94 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion:146 Resp: 468297
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 36.5 36.2 54.2

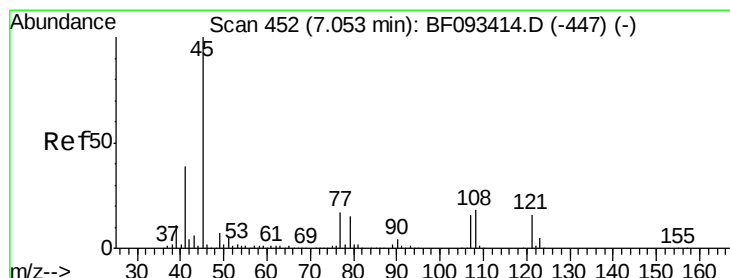
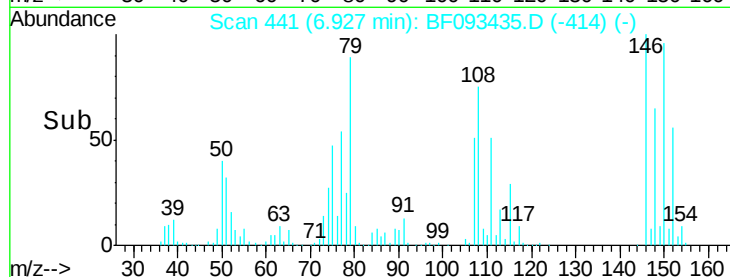
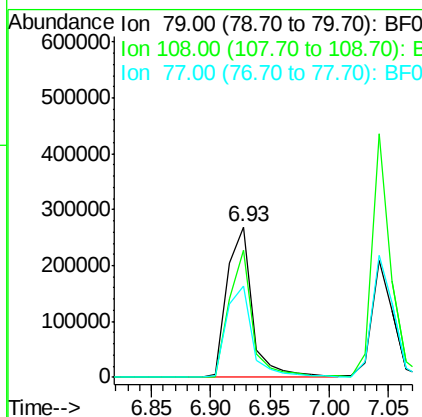
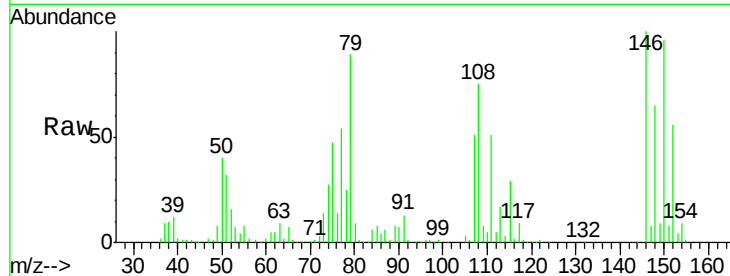




#15
Benzyl Alcohol
Concen: 37.80 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

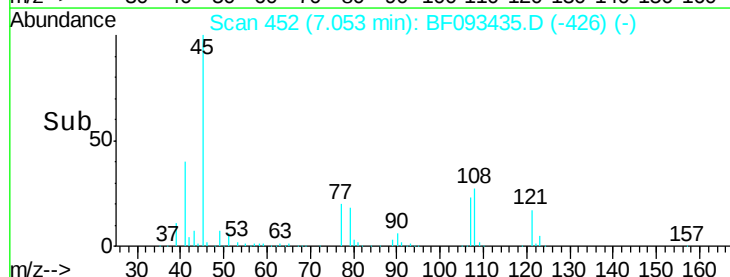
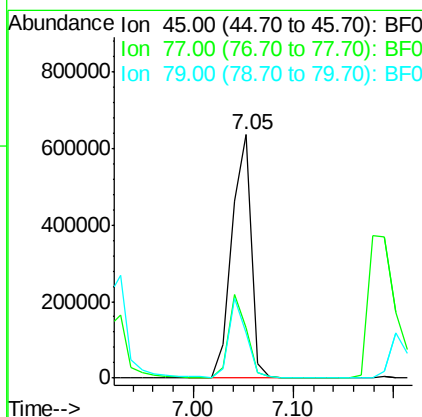
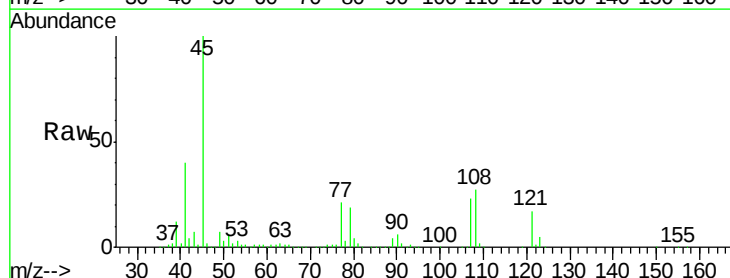
Instrument :
BNA_F
ClientSampleId :
PB97426BS

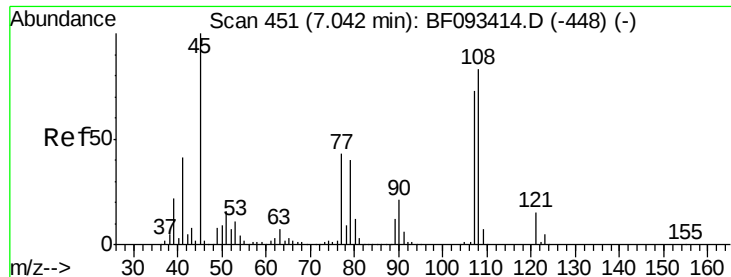
Tgt Ion: 79 Resp: 399067
Ion Ratio Lower Upper
79 100
108 84.7 61.4 92.0
77 60.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.67 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion: 45 Resp: 844809
Ion Ratio Lower Upper
45 100
77 20.8 0.0 34.6
79 18.7 0.0 31.2

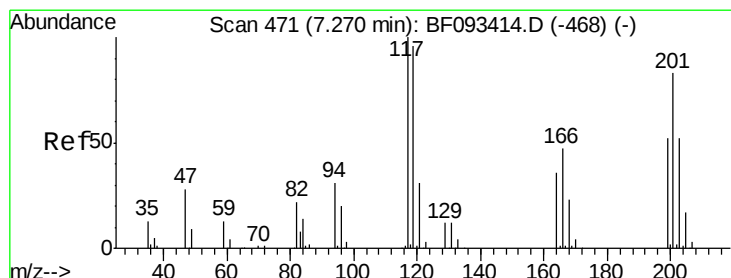
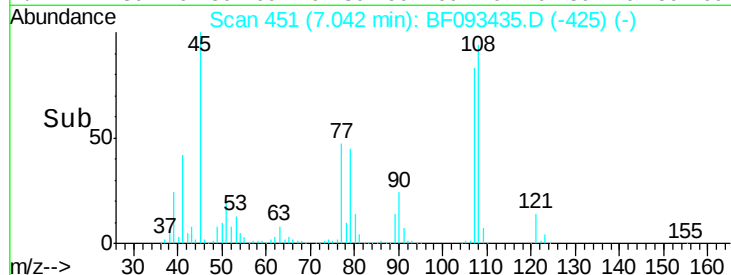
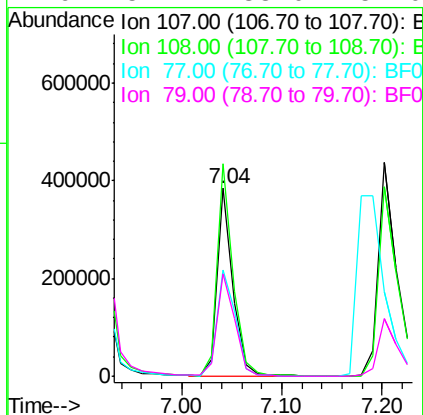
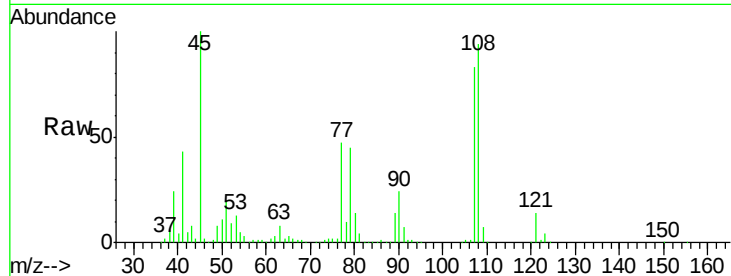




#17
2-Methylphenol
Concen: 37.07 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

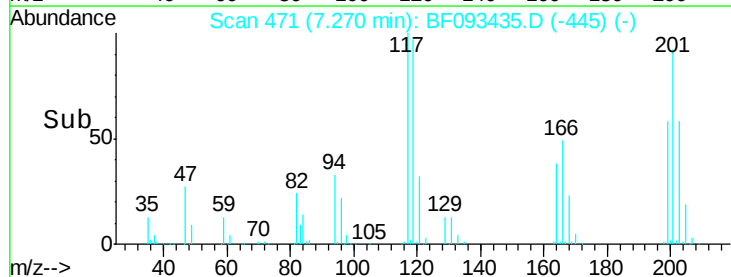
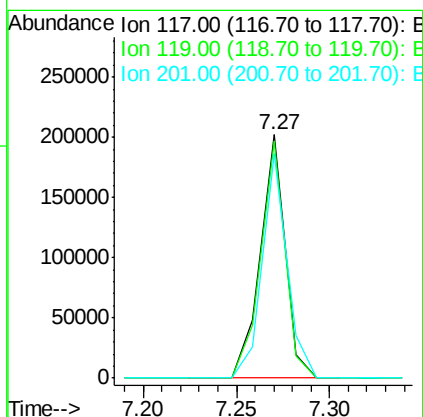
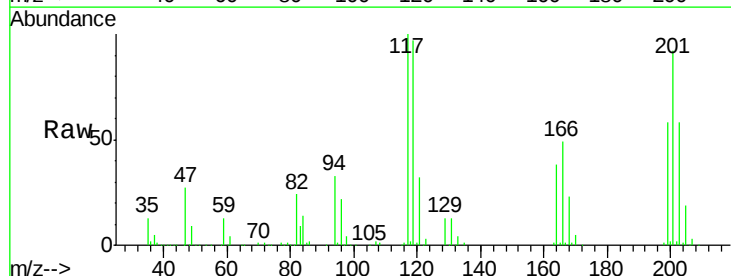
Instrument :
BNA_F
ClientSampleId :
PB97426BS

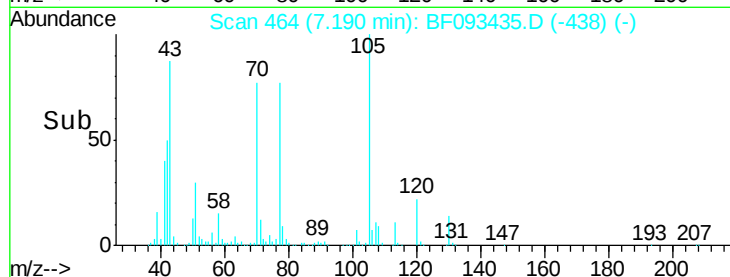
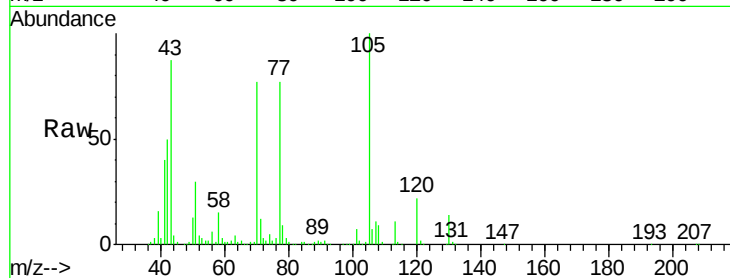
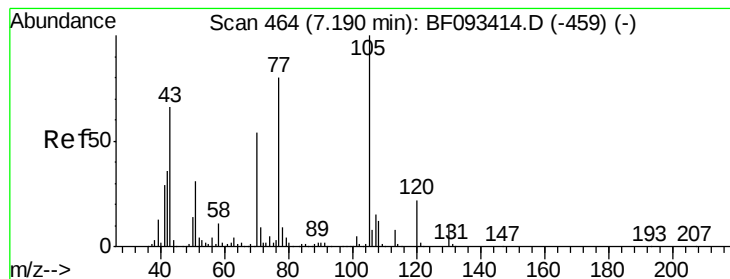
Tgt Ion:107 Resp: 412599
Ion Ratio Lower Upper
107 100
108 113.5 93.0 139.6
77 56.9 39.8 59.8
79 54.4 38.0 57.0



#18
Hexachloroethane
Concen: 35.54 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion:117 Resp: 184844
Ion Ratio Lower Upper
117 100
119 97.2 78.1 117.1
201 92.1 78.6 117.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.47 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

Tgt Ion: 70 Resp: 391718

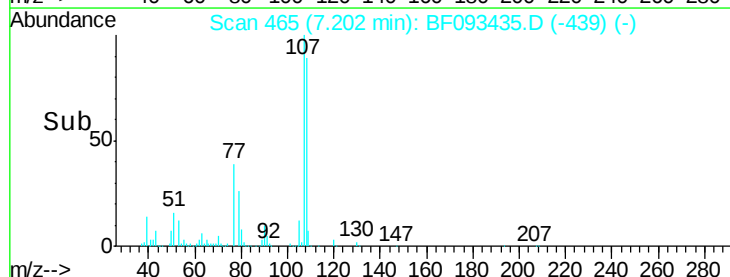
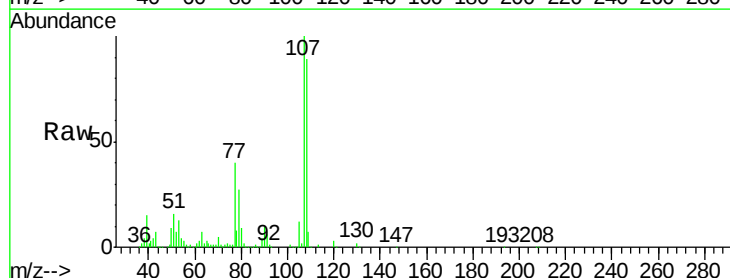
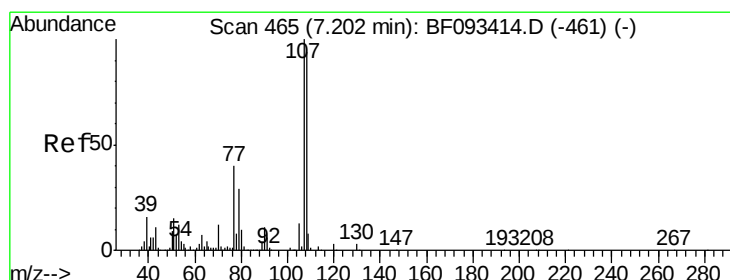
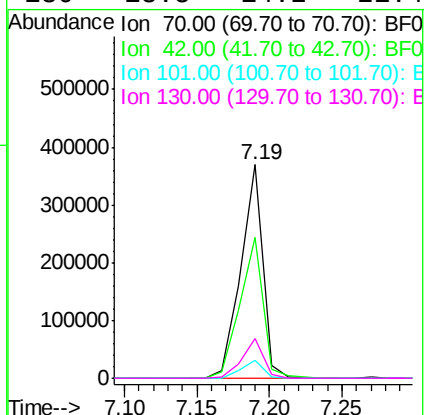
Ion Ratio Lower Upper

70 100

42 65.7 49.4 74.0

101 8.6 7.4 11.2

130 18.5 14.2 21.4



#20

3+4-Methylphenols

Concen: 39.64 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion: 107 Resp: 572165

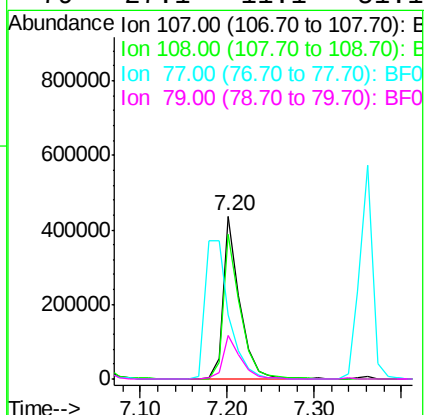
Ion Ratio Lower Upper

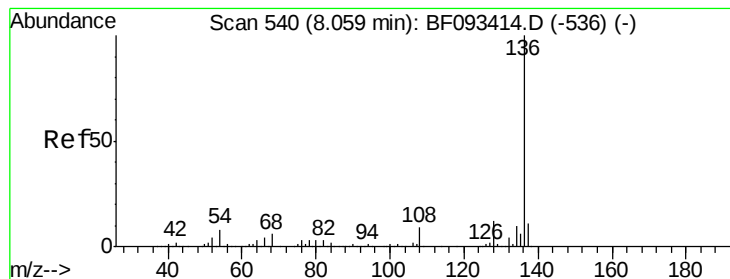
107 100

108 88.7 73.0 113.0

77 39.6 71.3 111.3#

79 27.1 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

Tgt Ion:136 Resp: 778023

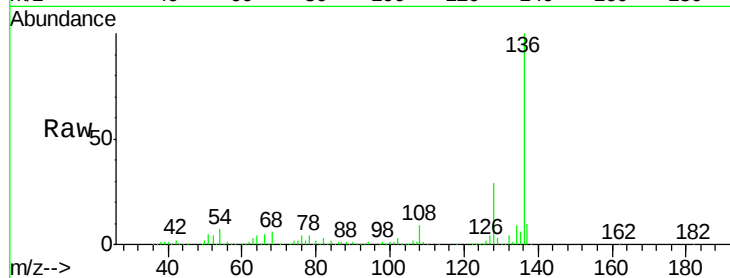
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 7.4 4.5 6.7#

68 5.7 3.6 5.4#

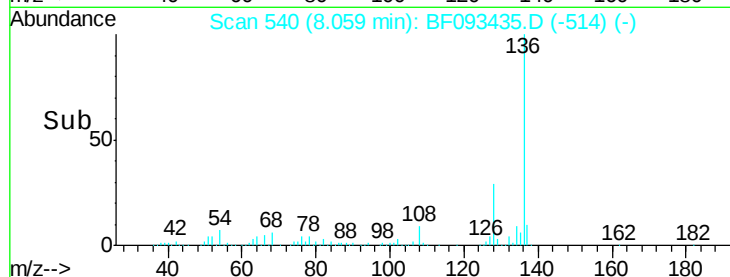


Abundance Ion 136.00 (135.70 to 136.70): E

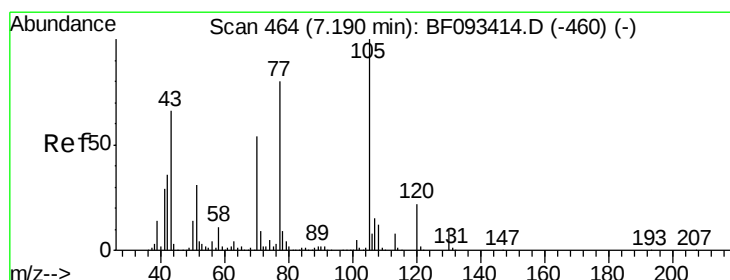
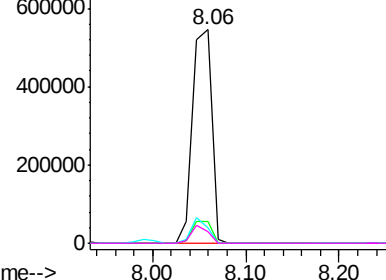
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.60 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion:105 Resp: 685282

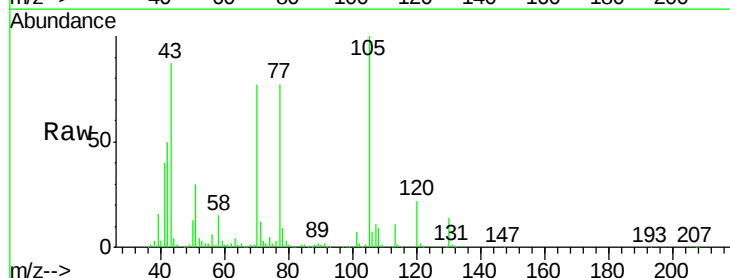
Ion Ratio Lower Upper

105 100

71 12.3 3.2 4.8#

51 30.1 26.2 39.4

120 22.0 16.6 24.8

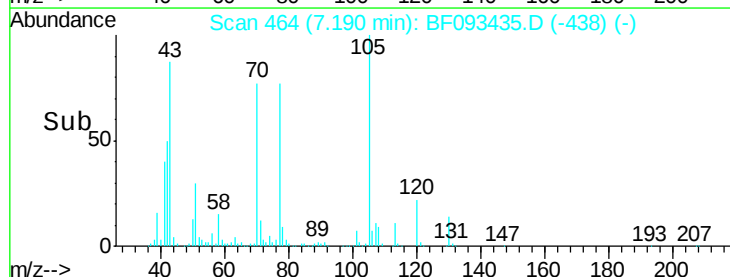


Abundance Ion 105.00 (104.70 to 105.70): E

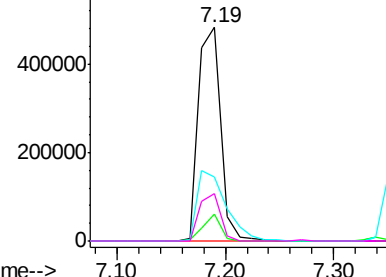
Ion 71.00 (70.70 to 71.70): BF0

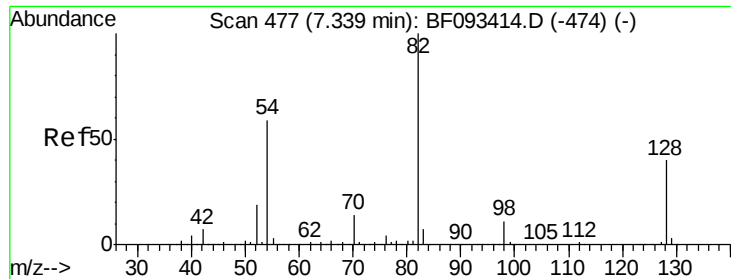
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

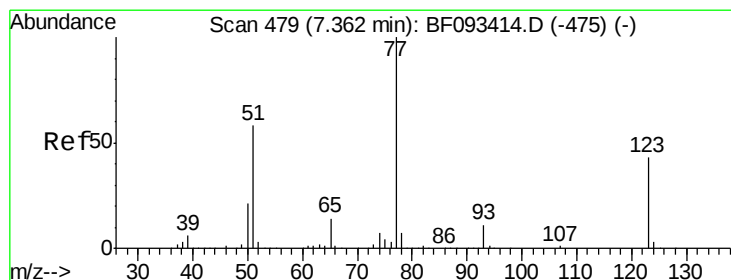
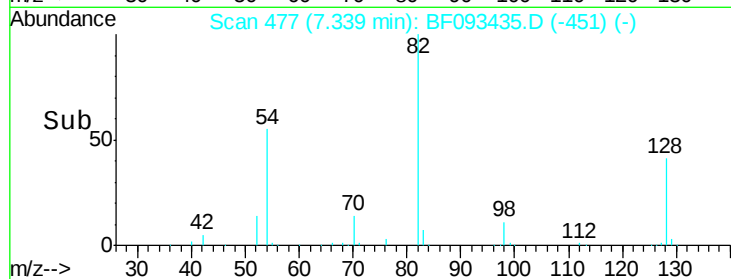
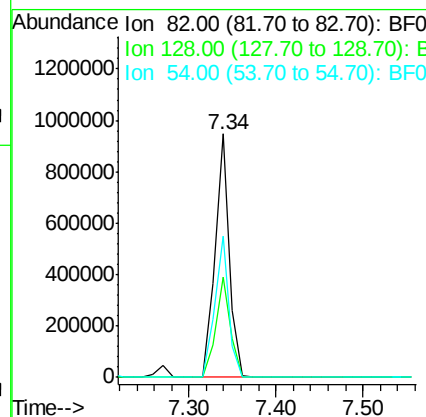
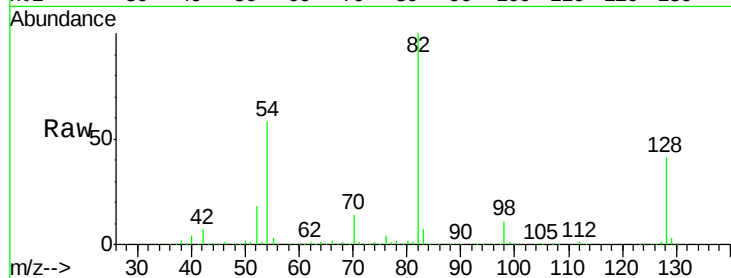




#23
 Nitrobenzene-d5
 Concen: 77.74 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

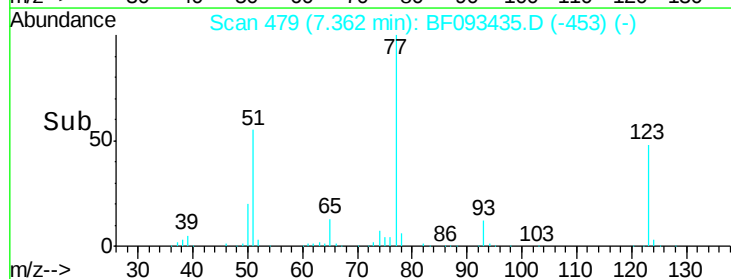
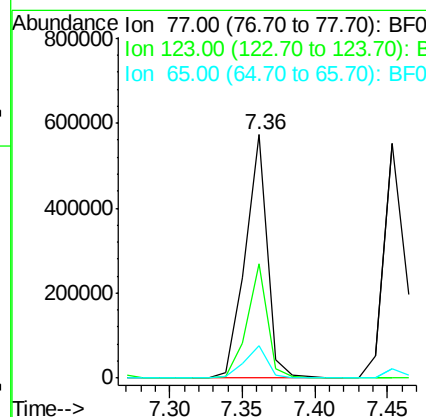
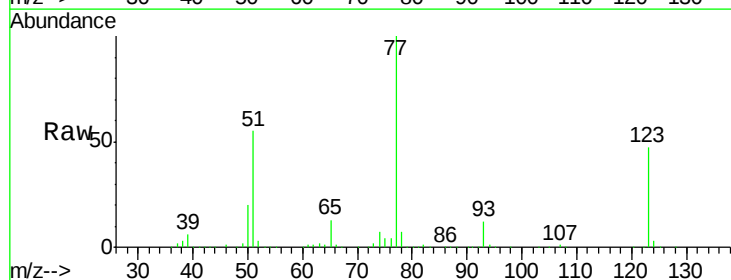
Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

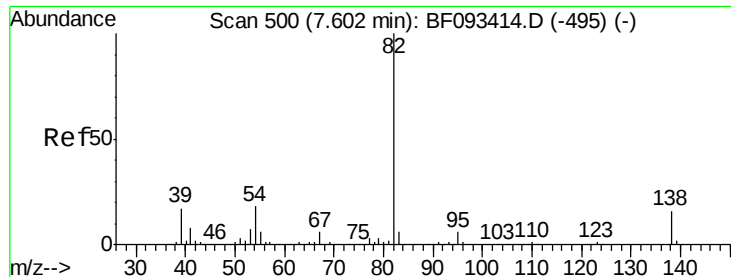
Tgt Ion: 82 Resp: 1090088
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.6 52.0
 54 57.8 39.5 59.3



#24
 Nitrobenzene
 Concen: 37.73 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion: 77 Resp: 594576
 Ion Ratio Lower Upper
 77 100
 123 47.0 33.0 49.4
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 37.84 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

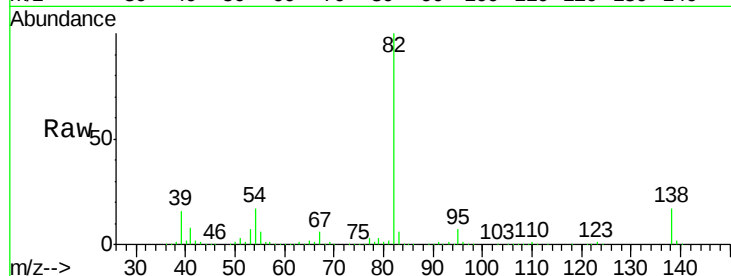
Tgt Ion: 82 Resp: 1069863

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

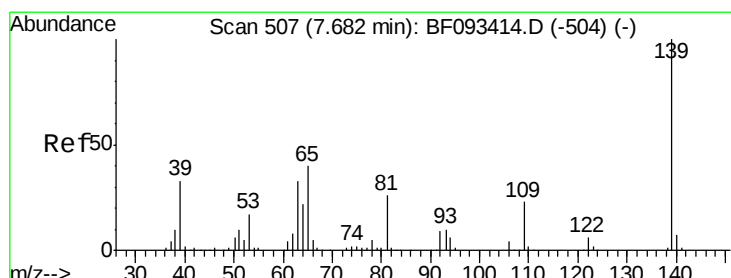
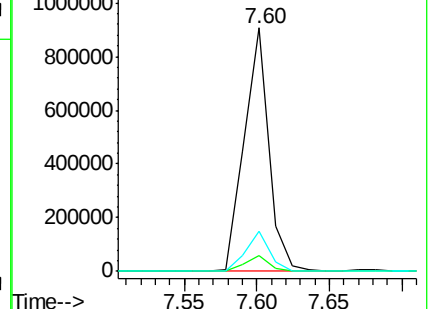
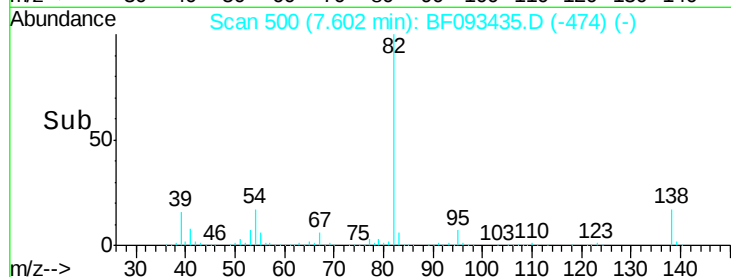
138 16.6 14.6 22.0



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: 39.14 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

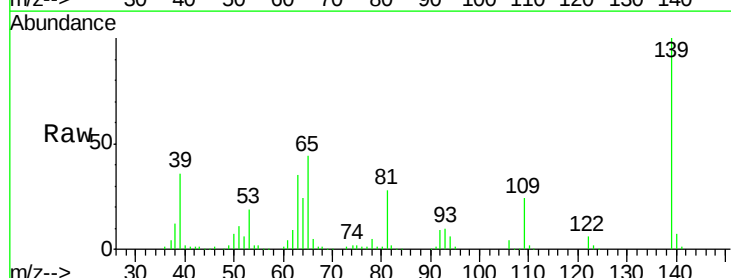
Tgt Ion: 139 Resp: 281449

Ion Ratio Lower Upper

139 100

109 24.0 23.3 34.9

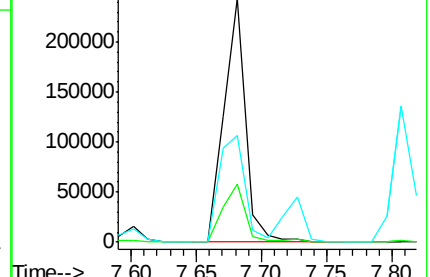
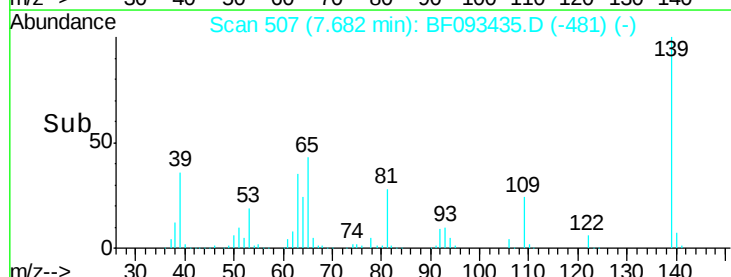
65 43.6 42.7 64.1

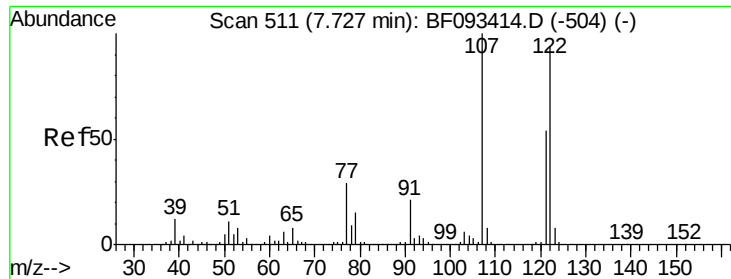


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

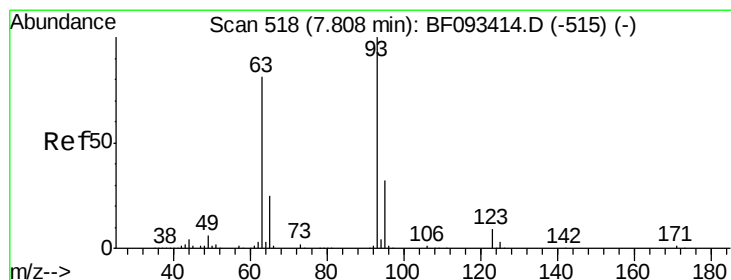
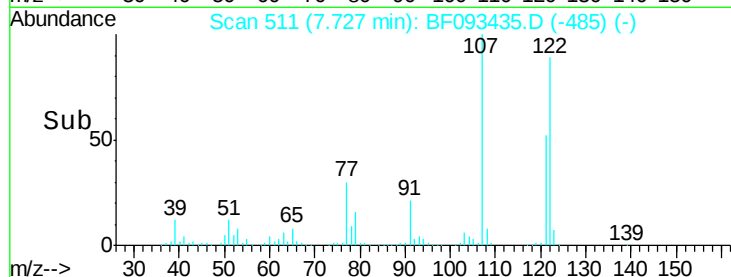
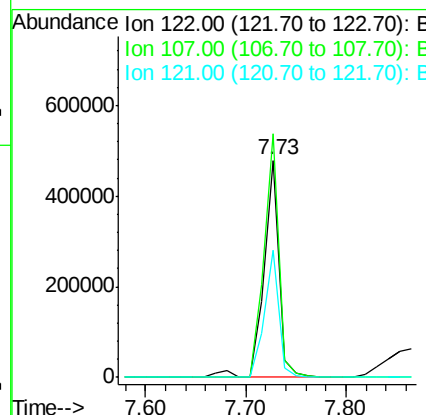
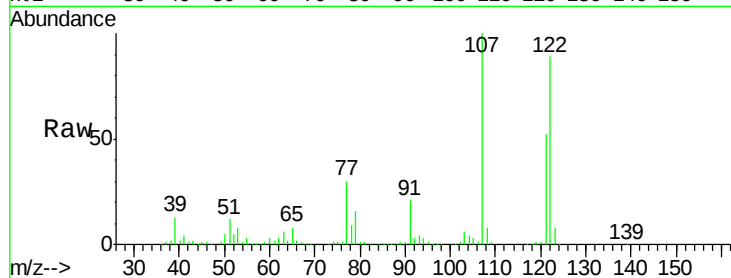




#27
 2,4-Dimethylphenol
 Concen: 42.43 ng
 RT: 7.73 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

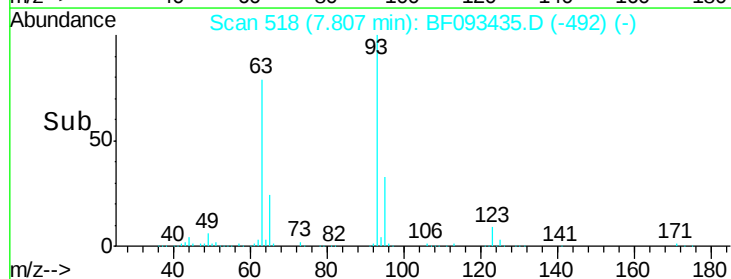
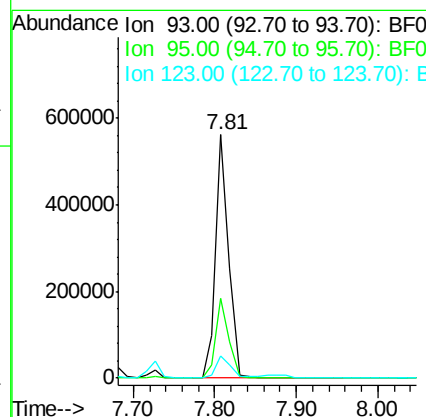
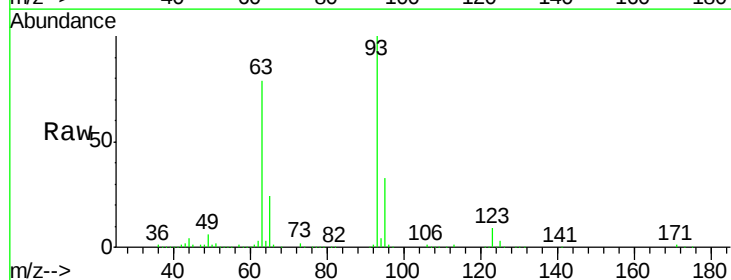
Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

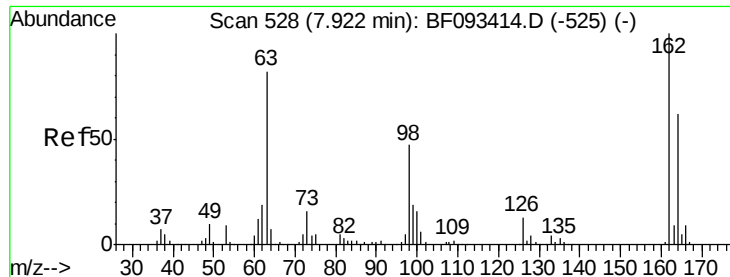
Tgt Ion:122 Resp: 496320
 Ion Ratio Lower Upper
 122 100
 107 112.3 94.1 141.1
 121 58.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.82 ng
 RT: 7.81 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion: 93 Resp: 639477
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 9.0 8.6 13.0

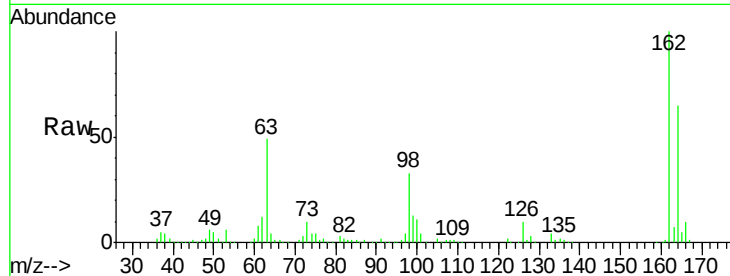




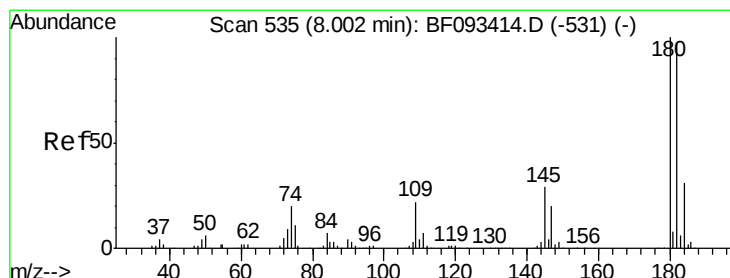
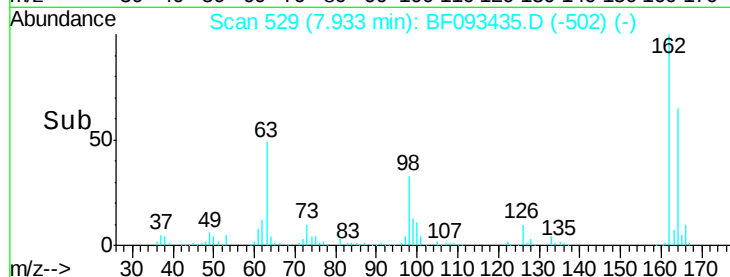
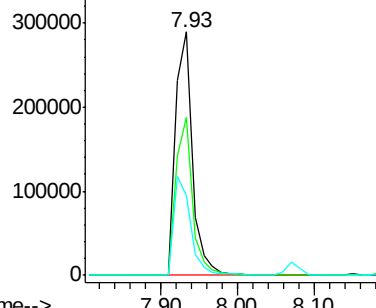
#29
2,4-Dichlorophenol
Concen: 39.63 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tgt Ion:162 Resp: 436102
Ion Ratio Lower Upper
162 100
164 65.0 46.8 86.8
98 33.0 9.1 49.1

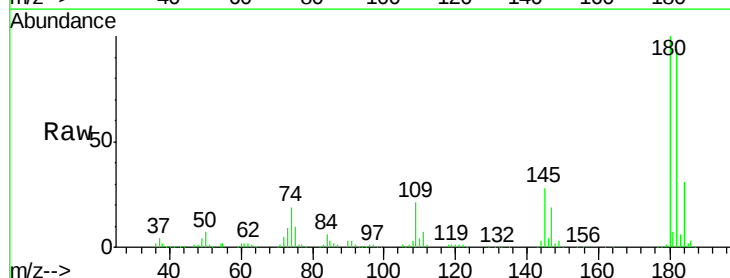


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

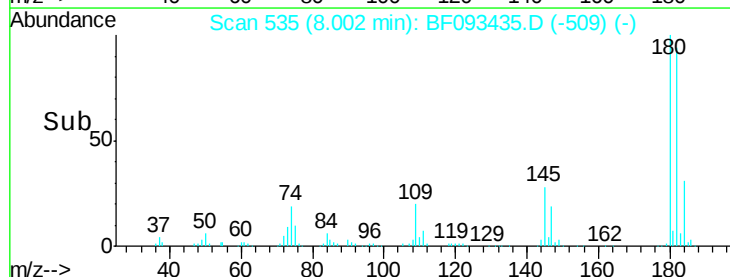
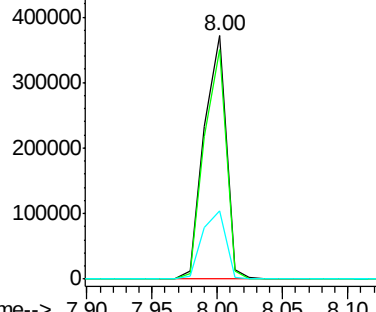


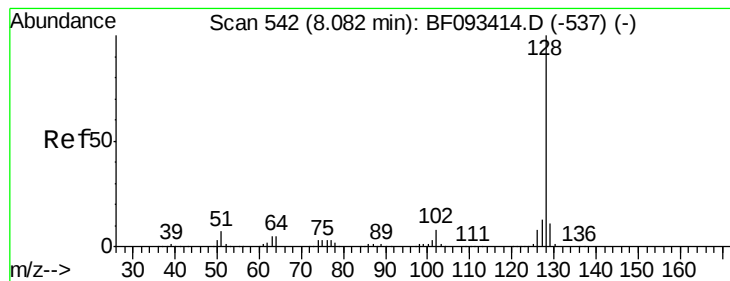
#30
1,2,4-Trichlorobenzene
Concen: 37.08 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion:180 Resp: 433971
Ion Ratio Lower Upper
180 100
182 94.4 78.2 117.4
145 28.2 21.6 32.4



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





#31

Naphthalene

Concen: 34.66 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampled :

PB97426BS

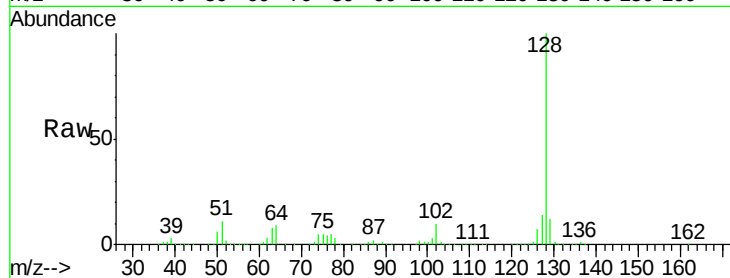
Tgt Ion:128 Resp: 1351252

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

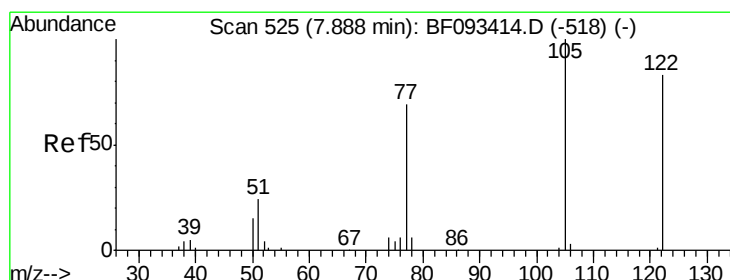
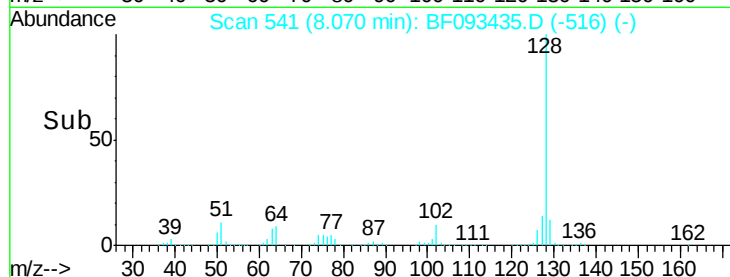
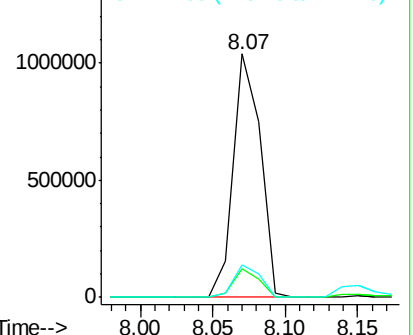
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.17 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

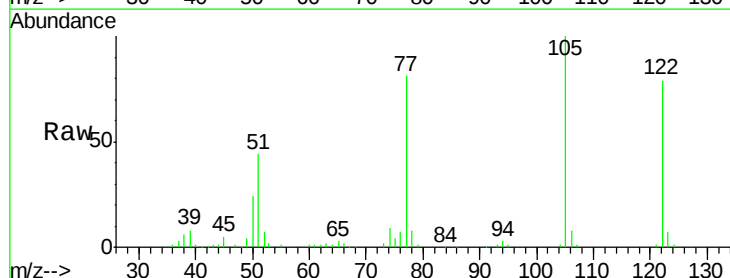
Tgt Ion:122 Resp: 286713

Ion Ratio Lower Upper

122 100

105 126.6 107.2 147.2

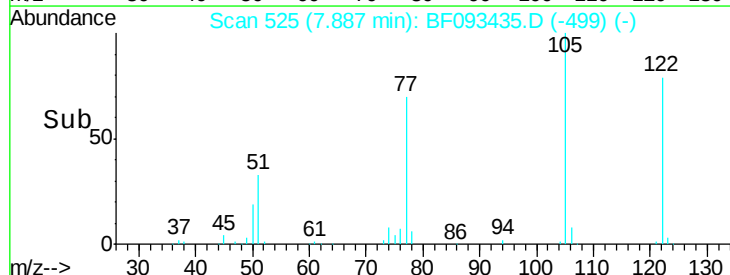
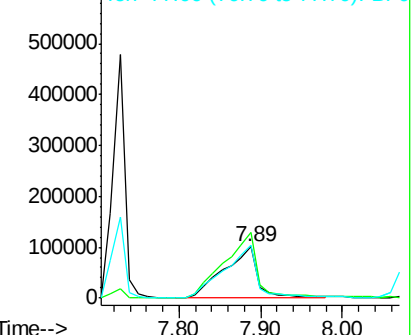
77 102.4 74.5 114.5

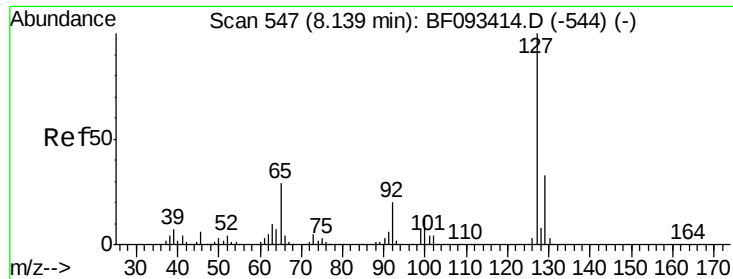


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

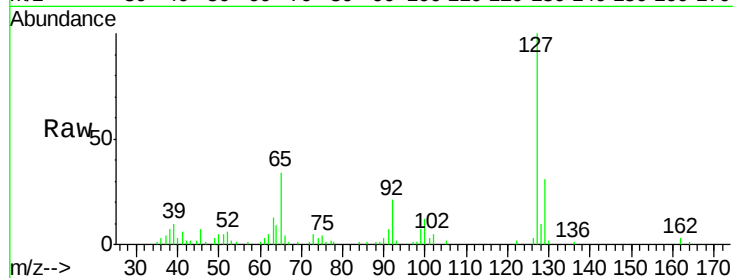




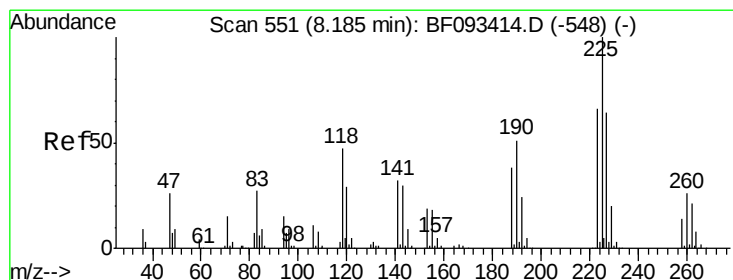
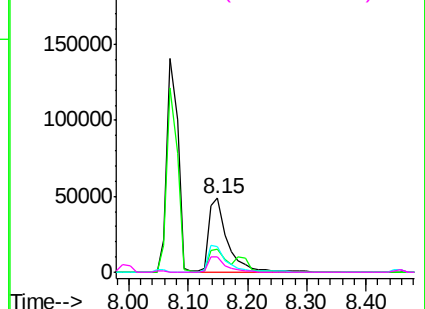
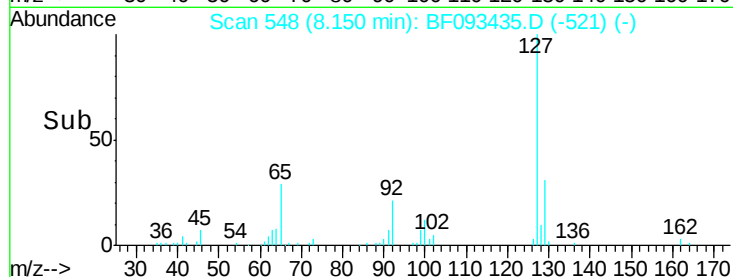
#33
 4-Chloroaniline
 Concen: 6.92 ng
 RT: 8.15 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tgt Ion:	127	Resp:	109423
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.3	39.5
65	33.9	25.8	38.8
92	21.3	16.1	24.1

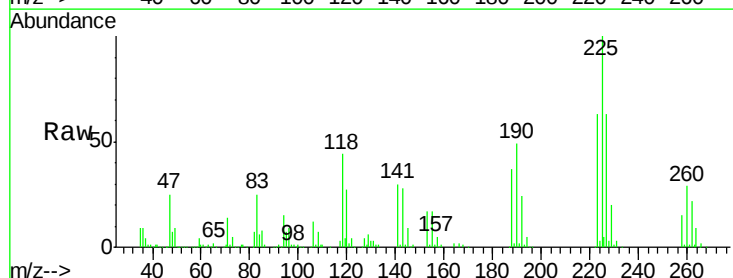


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

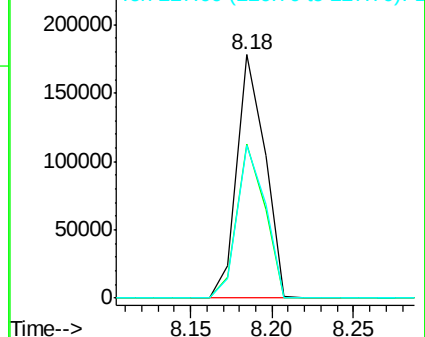
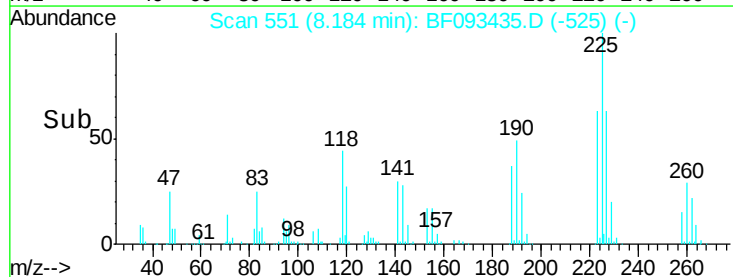


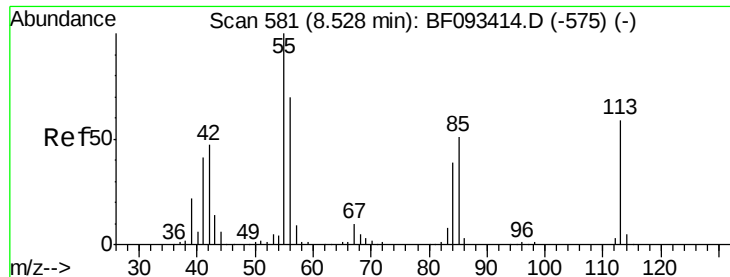
#34
 Hexachlorobutadiene
 Concen: 35.01 ng
 RT: 8.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion:	225	Resp:	211044
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	62.7	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: 28.52 ng

RT: 8.52 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

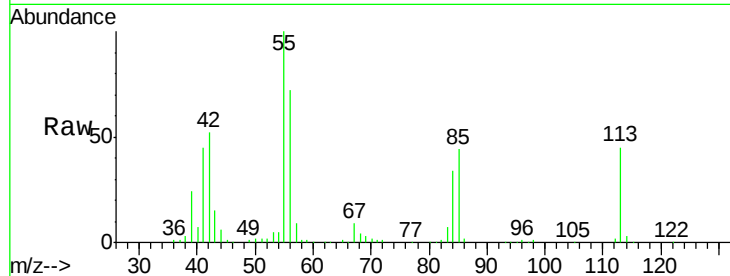
Tgt Ion:113 Resp: 107179

Ion Ratio Lower Upper

113 100

55 219.9 119.2 159.2#

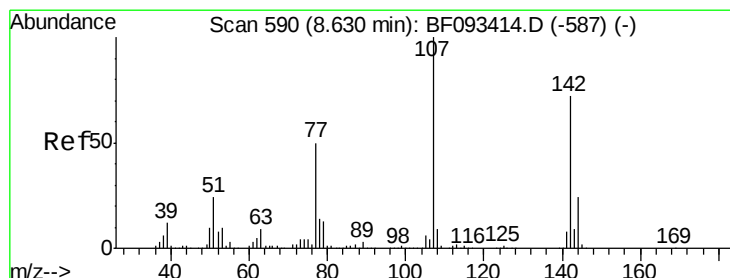
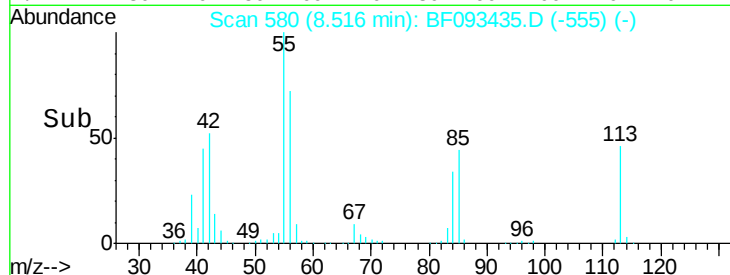
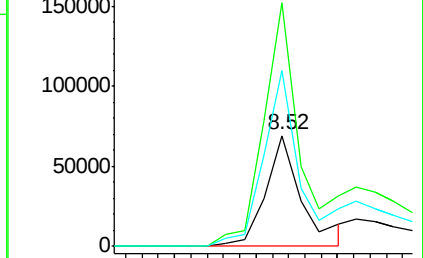
56 158.8 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.51 ng

RT: 8.64 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

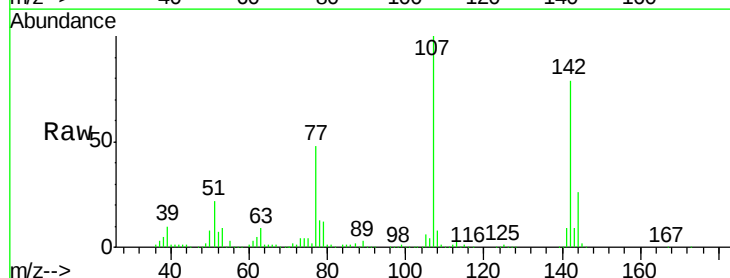
Tgt Ion:107 Resp: 487483

Ion Ratio Lower Upper

107 100

144 25.8 19.3 28.9

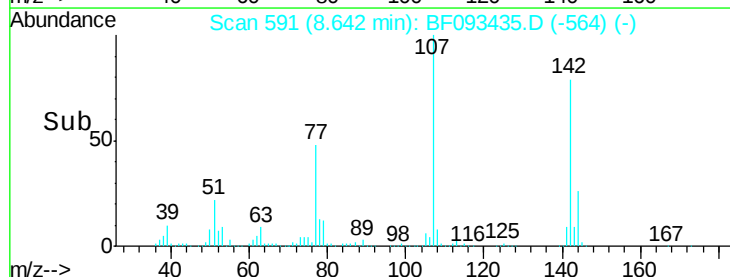
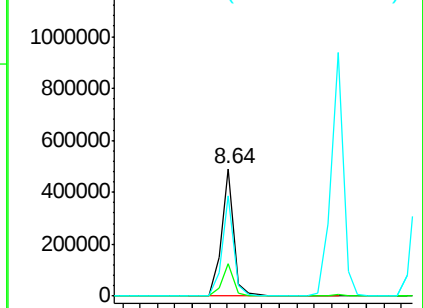
142 78.8 59.0 88.6

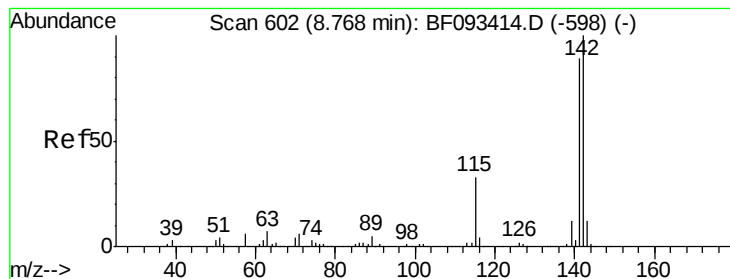


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.94 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

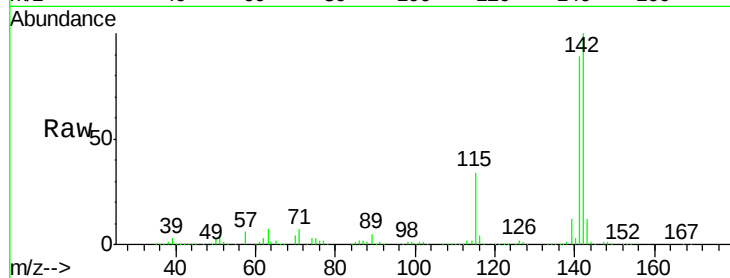
Tgt Ion:142 Resp: 916475

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6

115 33.6 28.3 42.5

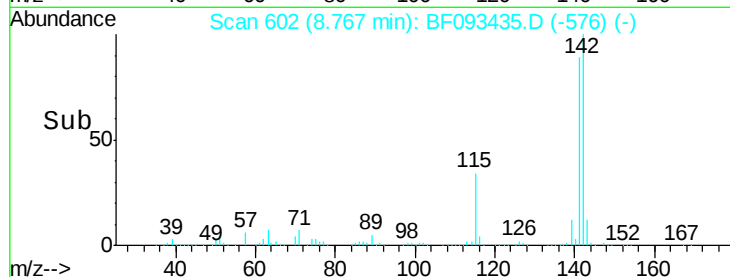


Abundance Ion 142.00 (141.70 to 142.70): E

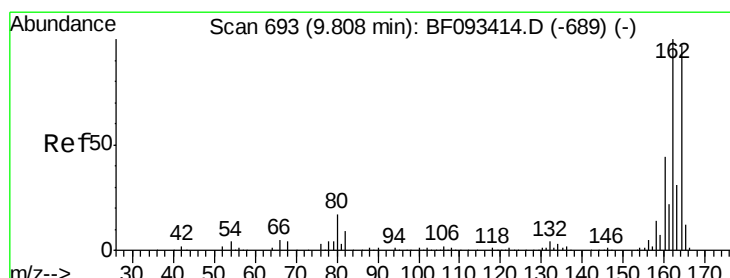
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

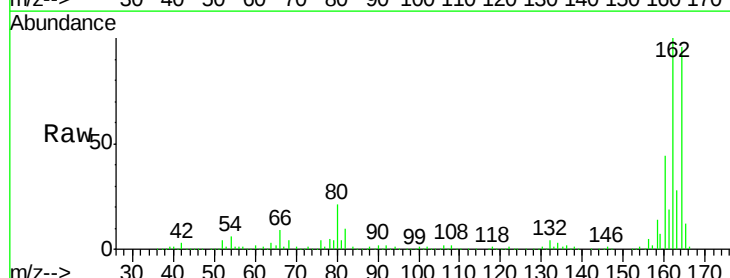
Tgt Ion:164 Resp: 381668

Ion Ratio Lower Upper

164 100

162 104.4 80.2 120.2

160 45.7 36.9 55.3

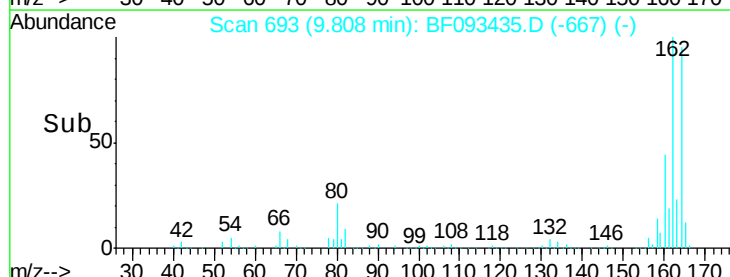


Abundance Ion 164.00 (163.70 to 164.70): E

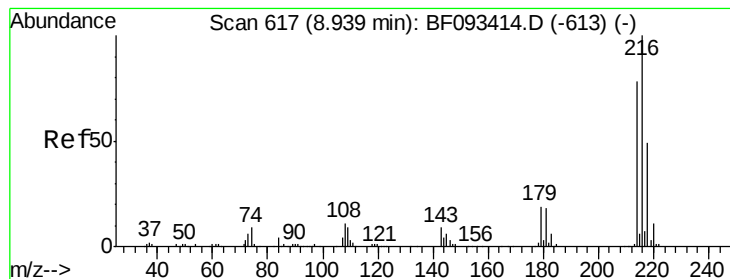
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.53 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampled :

PB97426BS

Tgt Ion:216 Resp: 411957

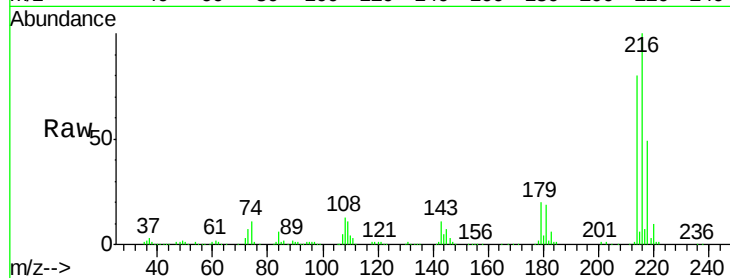
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.0

179 21.4 17.4 26.2

108 19.8 15.6 23.4

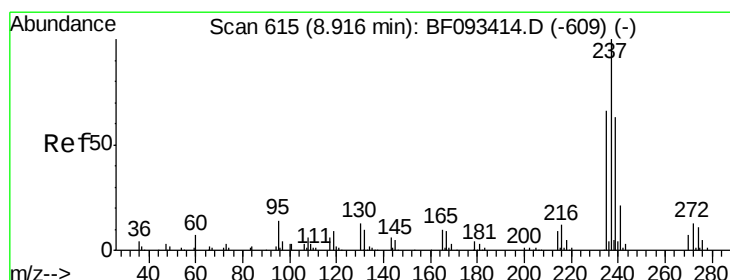
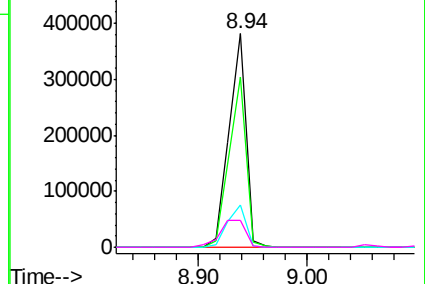
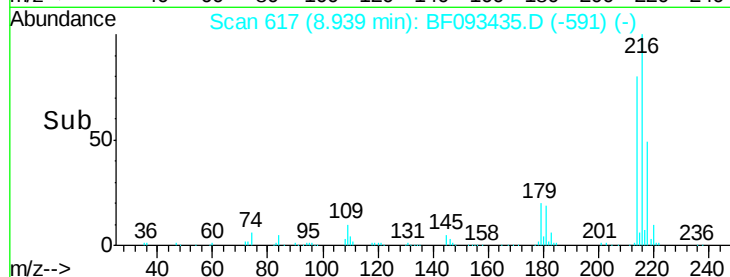


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.64 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

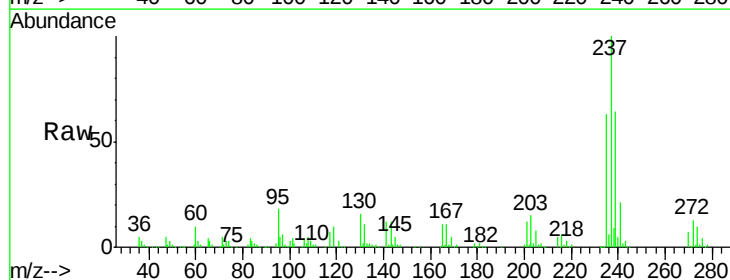
Tgt Ion:237 Resp: 221668

Ion Ratio Lower Upper

237 100

235 62.5 41.2 81.2

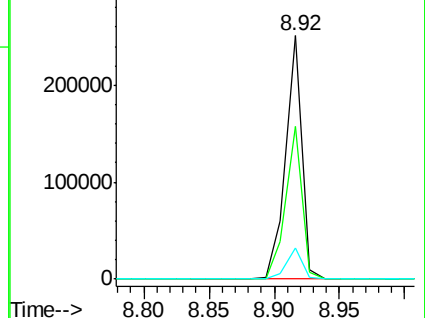
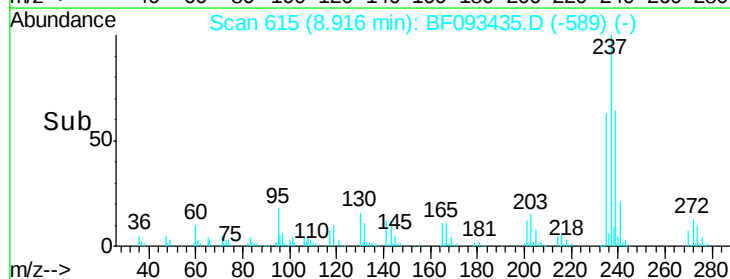
272 12.7 0.0 35.4

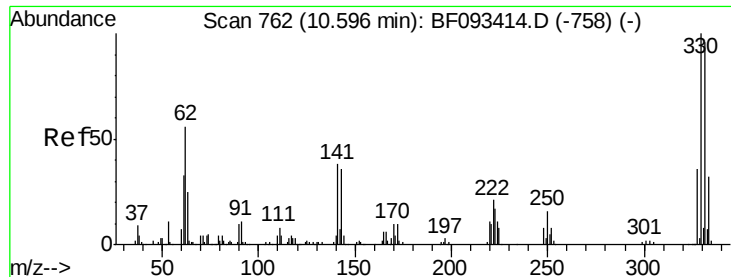


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

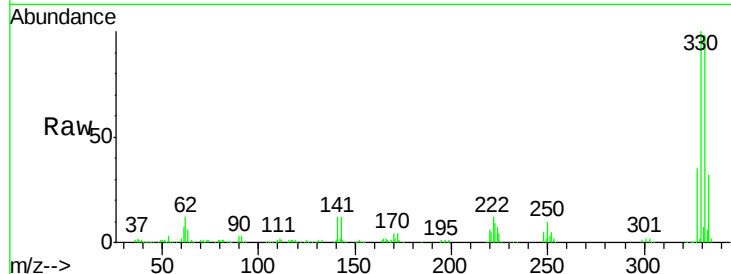




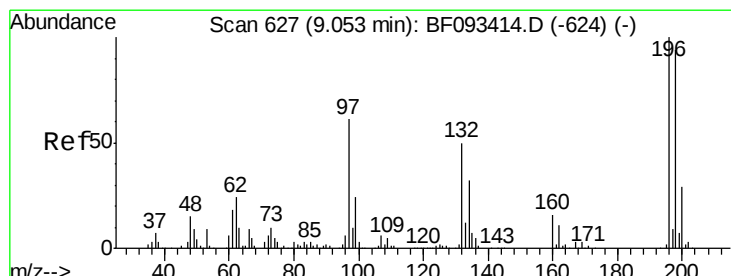
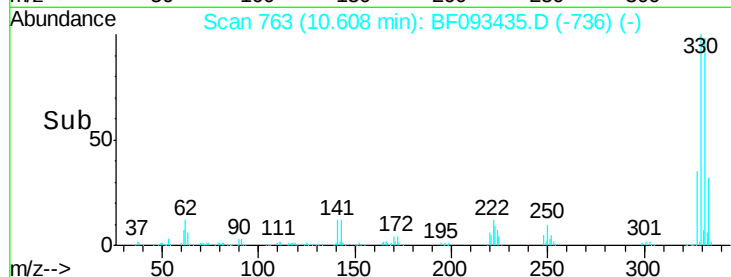
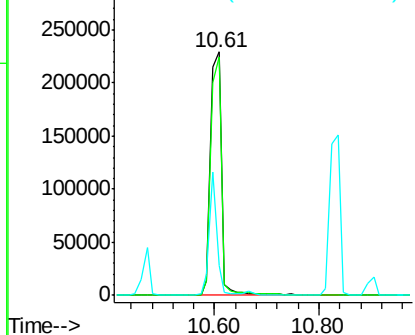
#41
 2,4,6-Tribromophenol
 Concen: 136.74 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tgt Ion:330 Resp: 340034
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 35.0 34.1 51.1

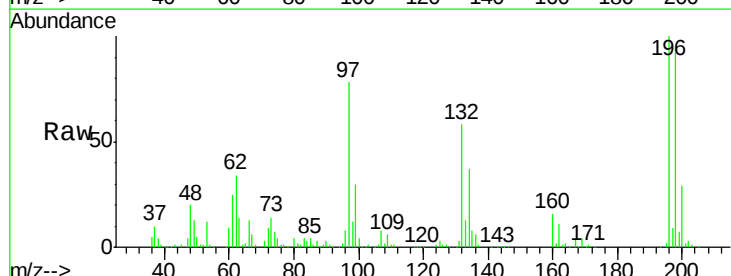


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

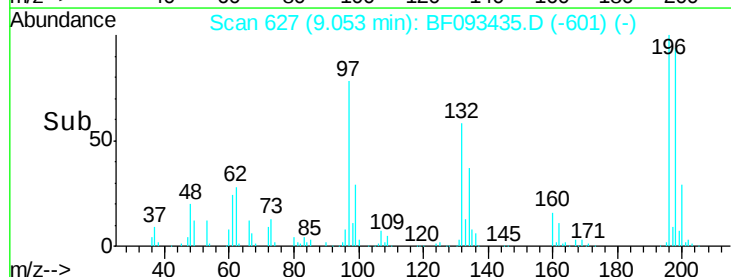
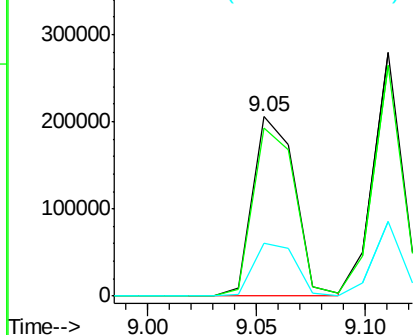


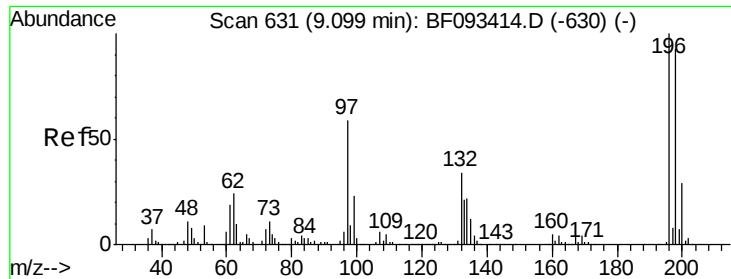
#42
 2,4,6-Trichlorophenol
 Concen: 42.39 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion:196 Resp: 276045
 Ion Ratio Lower Upper
 196 100
 198 93.9 82.1 123.1
 200 29.2 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

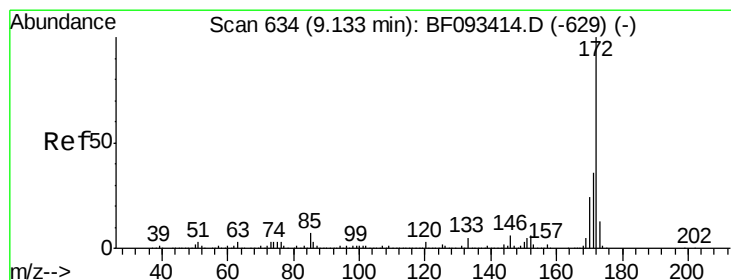
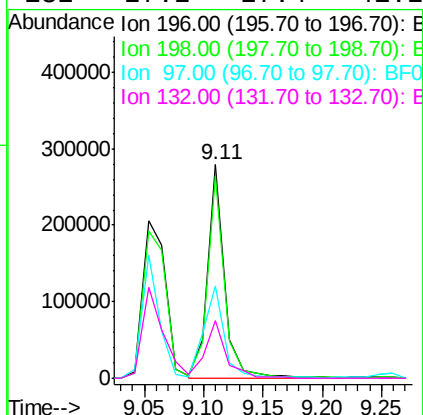
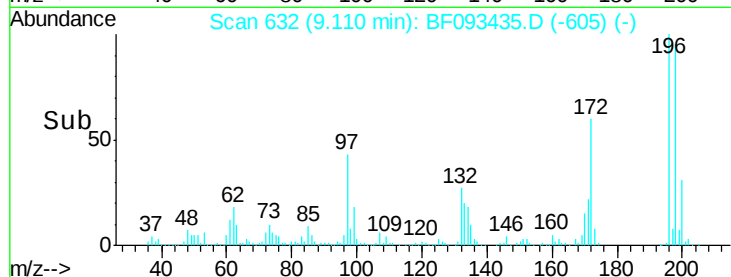
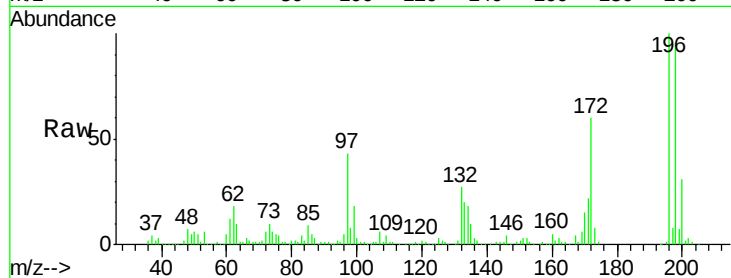




#43
 2,4,5-Trichlorophenol
 Concen: 39.34 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

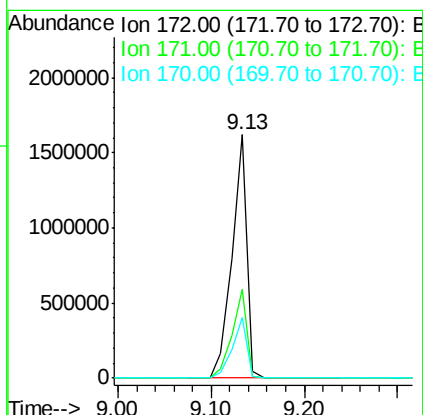
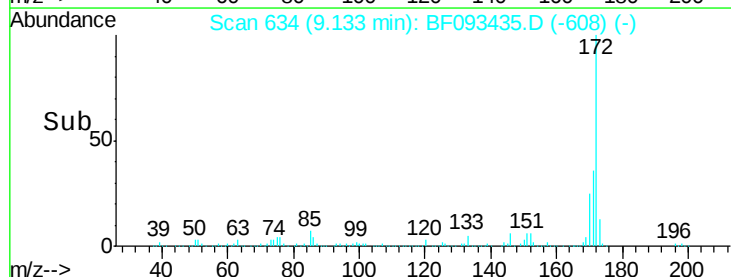
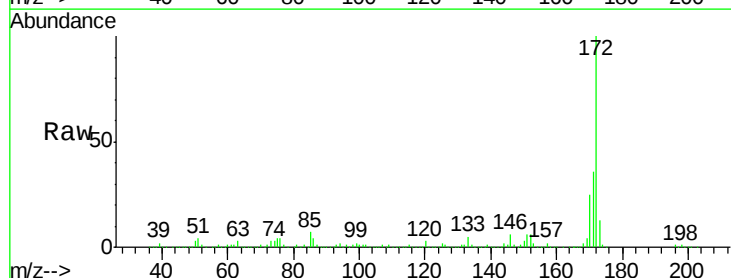
Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

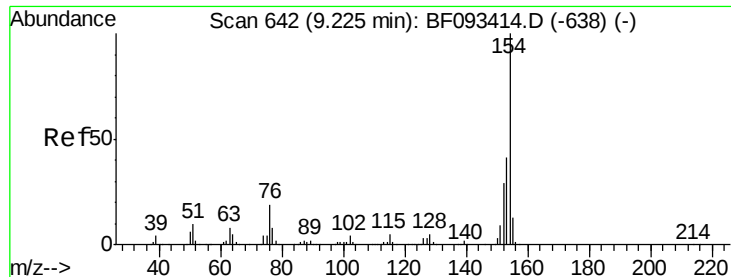
Tgt Ion:196 Resp: 274853
 Ion Ratio Lower Upper
 196 100
 198 94.9 79.4 119.2
 97 42.9 51.5 77.3#
 132 27.2 27.4 41.2#



#44
 2-Fluorobiphenyl
 Concen: 88.45 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion:172 Resp: 1814882
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.7 20.2 30.4

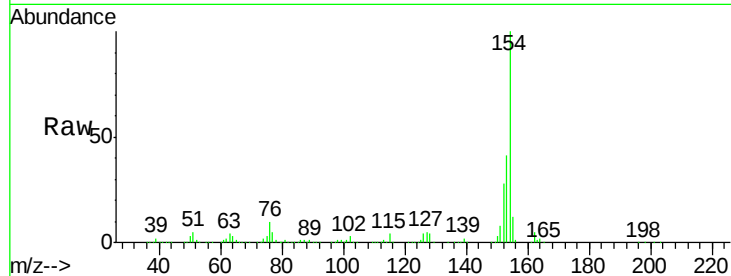




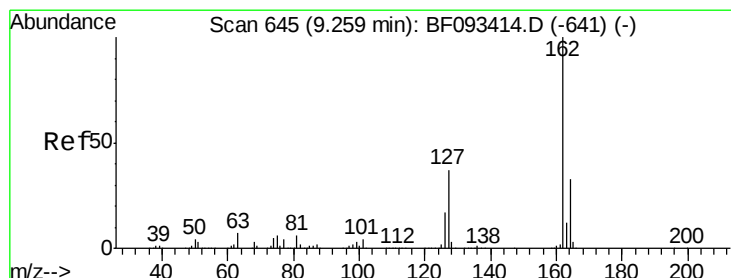
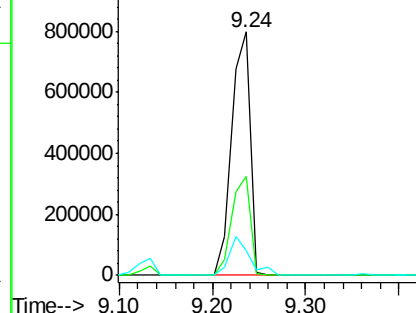
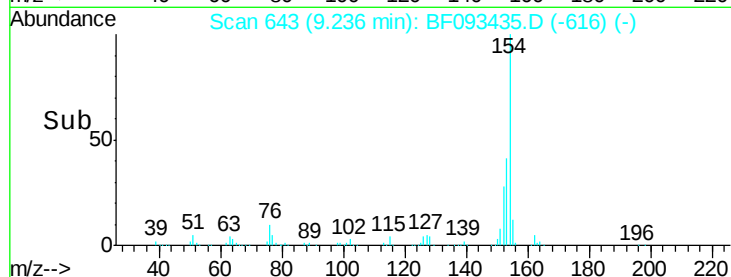
#45
 1,1'-Biphenyl
 Concen: 39.94 ng
 RT: 9.24 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tgt Ion:154 Resp: 1110483
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.9 60.9
 76 10.2 0.0 30.5

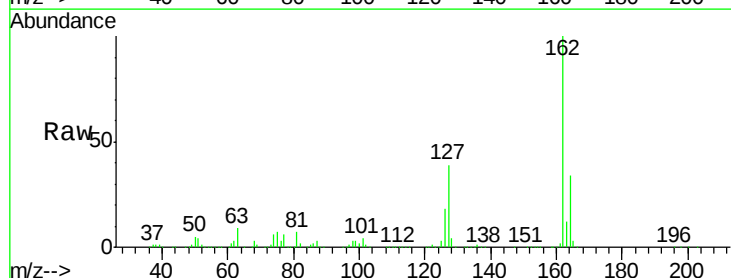


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

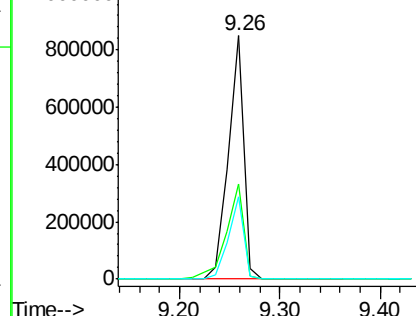
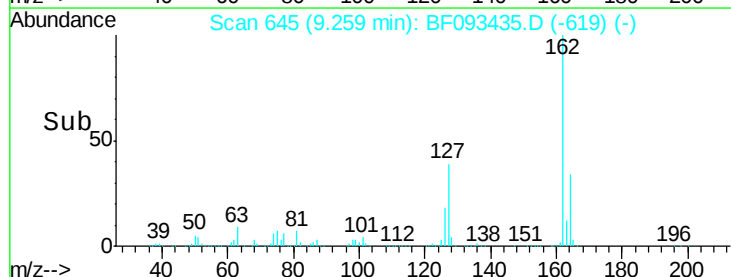


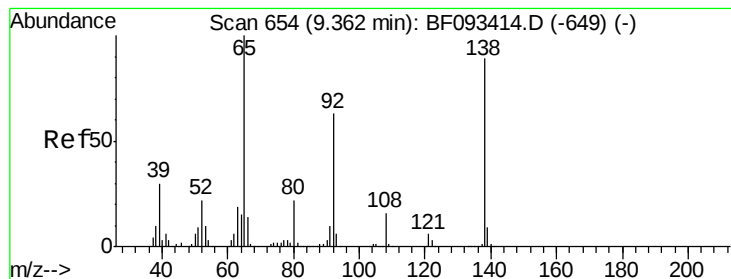
#46
 2-Chloronaphthalene
 Concen: 42.47 ng
 RT: 9.26 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion:162 Resp: 903943
 Ion Ratio Lower Upper
 162 100
 127 39.1 30.7 46.1
 164 33.7 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: 39.48 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

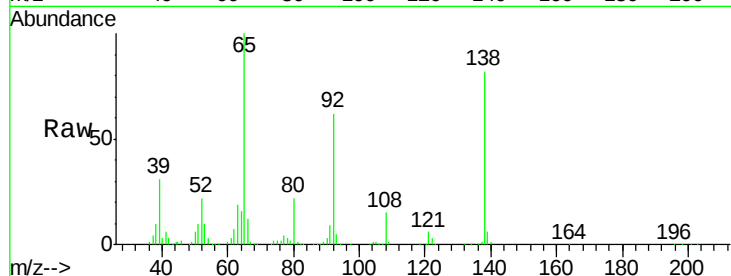
Tgt Ion: 65 Resp: 297061

Ion Ratio Lower Upper

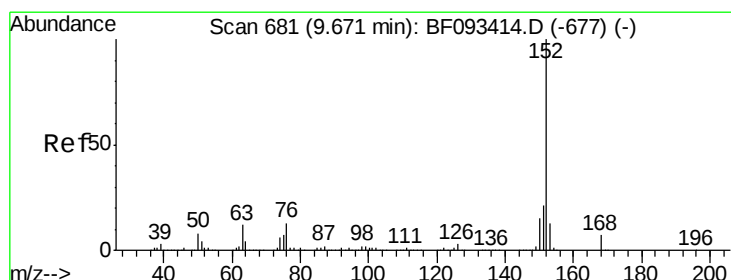
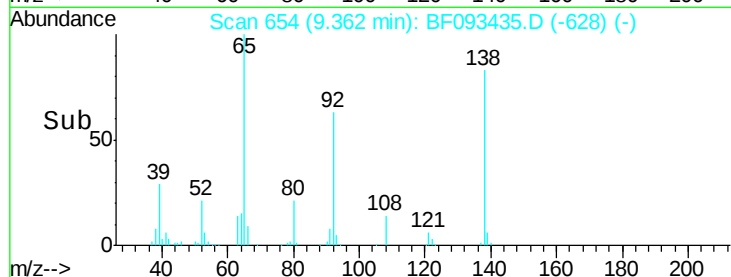
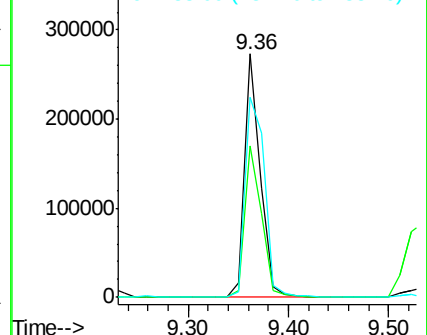
65 100

92 62.2 53.9 80.9

138 82.3 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): BF0



#48

Acenaphthylene

Concen: 39.06 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

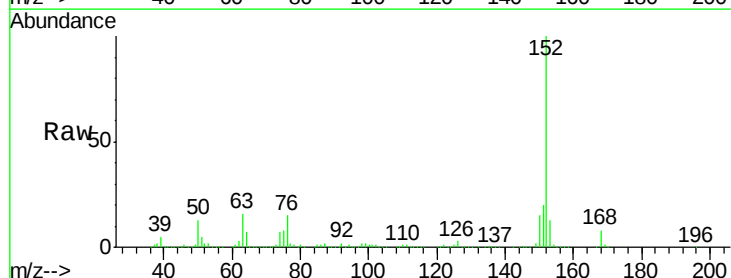
Tgt Ion: 152 Resp: 1370868

Ion Ratio Lower Upper

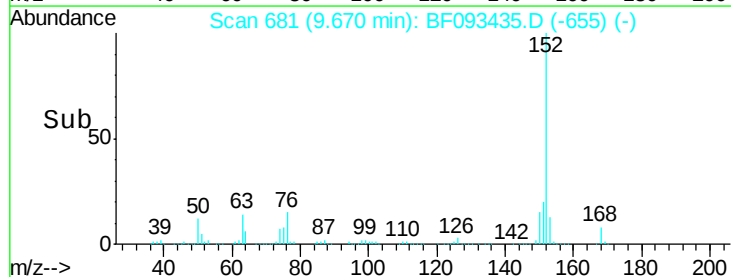
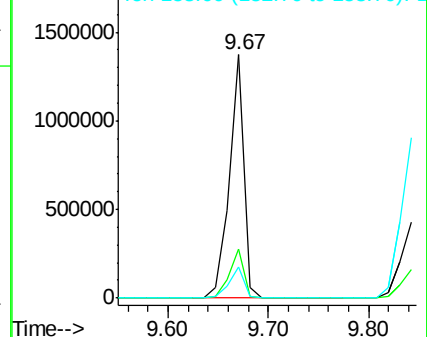
152 100

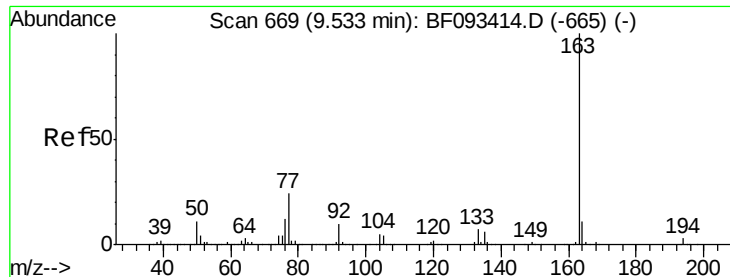
151 20.3 16.9 25.3

153 13.0 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

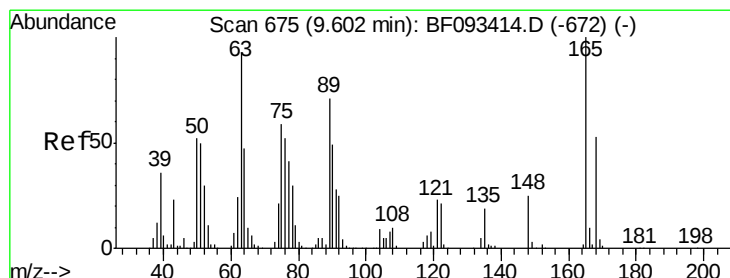
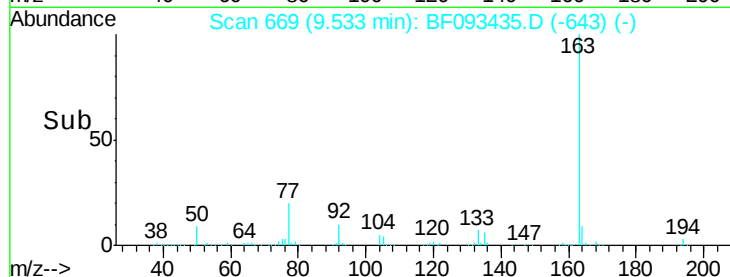
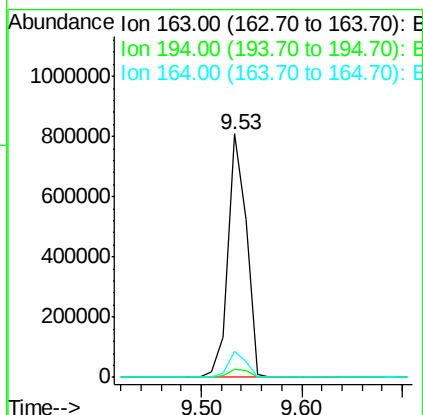
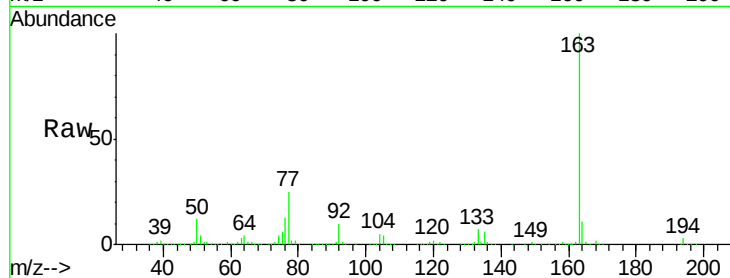




#49
Dimethylphthalate
Concen: 40.69 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

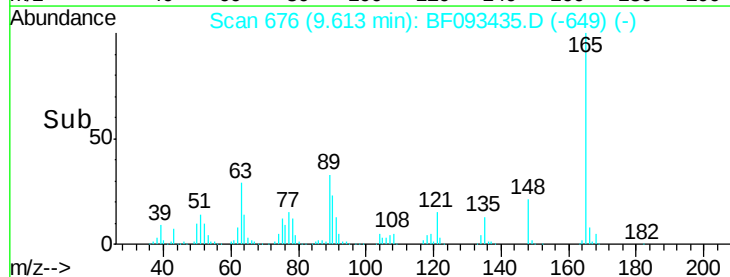
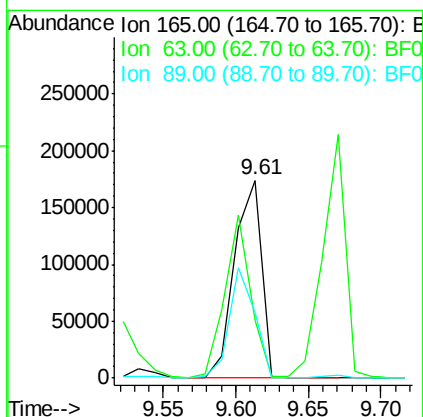
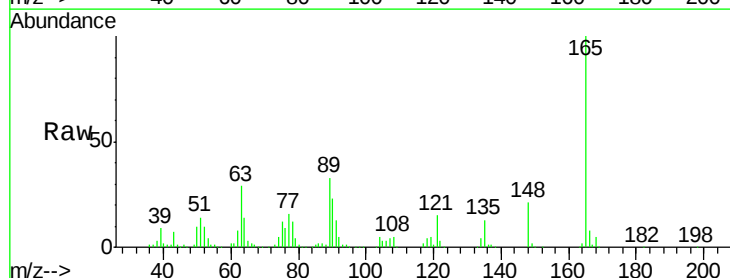
Instrument :
BNA_F
ClientSampleId :
PB97426BS

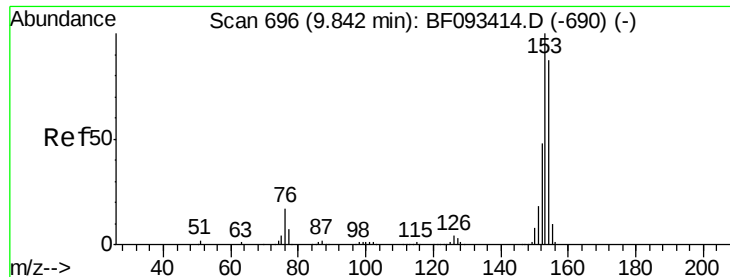
Tgt Ion:163 Resp: 1029473
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.8 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 40.68 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion:165 Resp: 225838
Ion Ratio Lower Upper
165 100
63 29.2 36.2 54.4#
89 33.5 40.2 60.4#





#51

Acenaphthene

Concen: 40.97 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

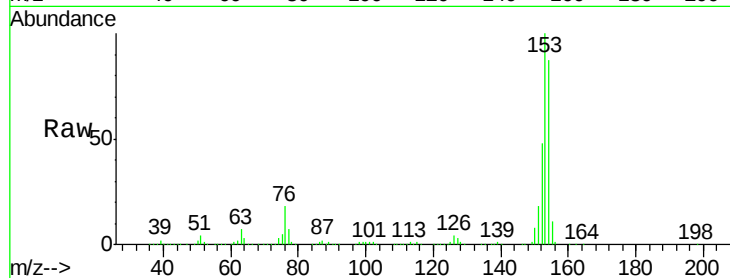
Tgt Ion:154 Resp: 850301

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

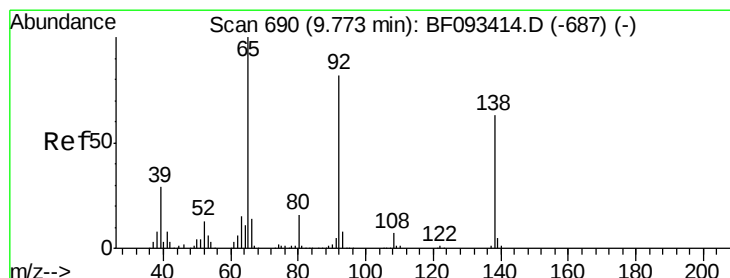
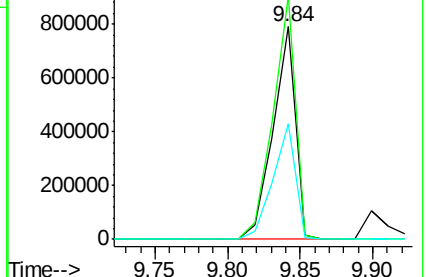
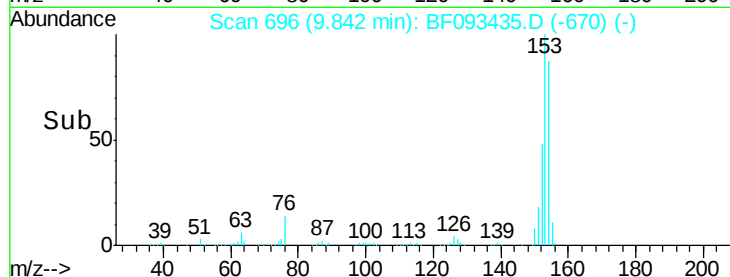
152 54.4 41.6 62.4



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: 10.14 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

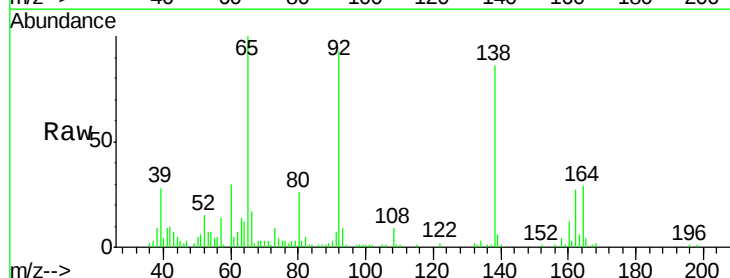
Tgt Ion:138 Resp: 67655

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

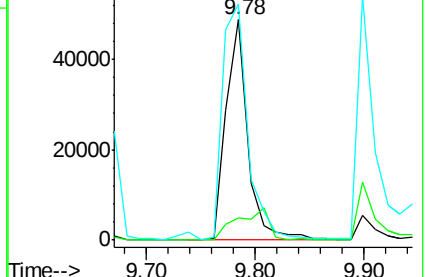
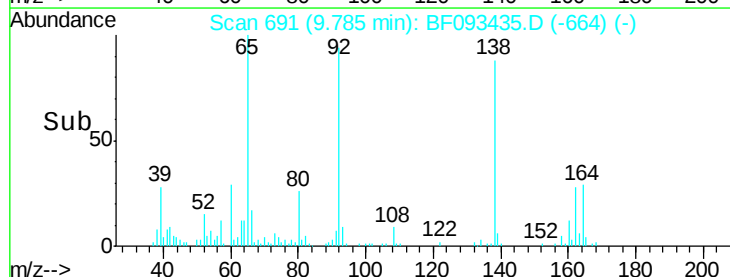
92 107.1 97.8 146.8

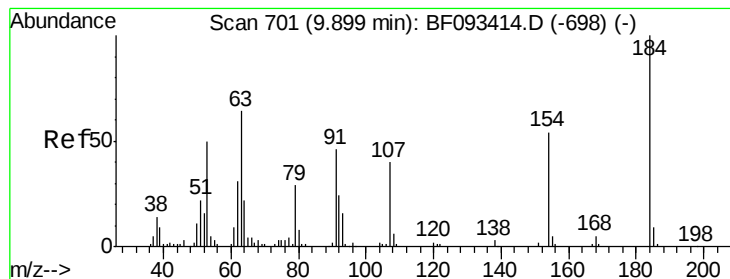


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 87.17 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

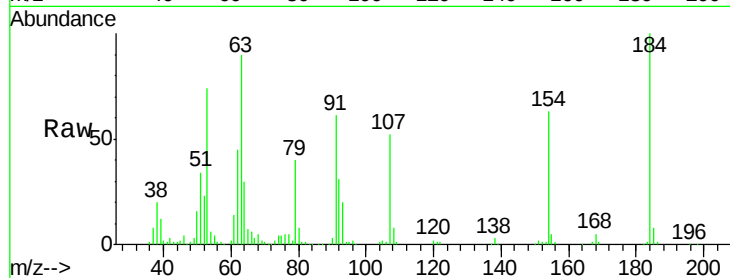
Tgt Ion:184 Resp: 220399

Ion Ratio Lower Upper

184 100

63 90.0 28.4 42.6#

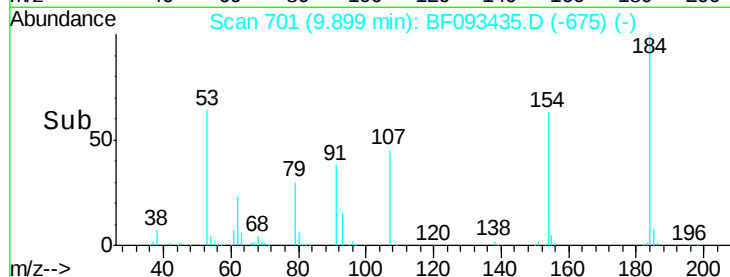
154 62.9 44.3 66.5



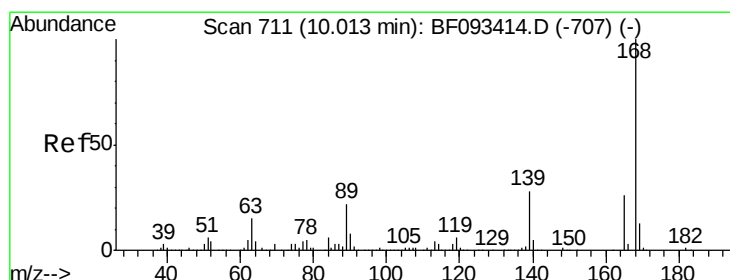
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



Time-->



#54

Dibenzofuran

Concen: 45.13 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

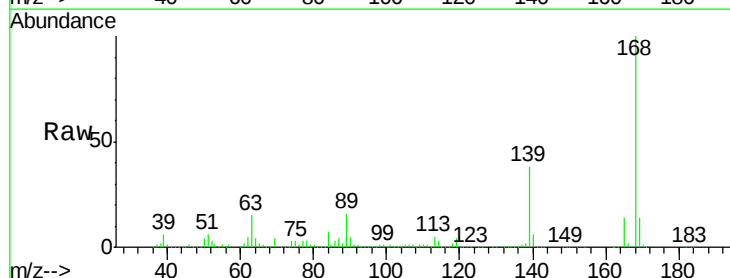
Tgt Ion:168 Resp: 1172443

Ion Ratio Lower Upper

168 100

139 38.1 32.6 49.0

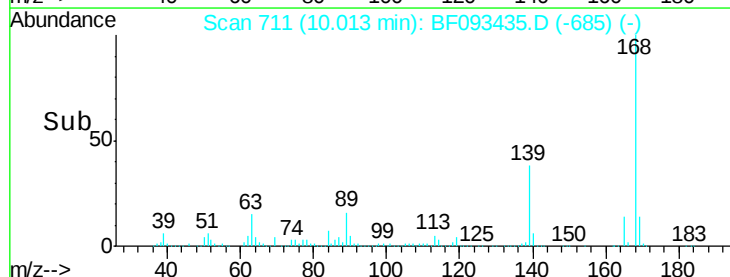
169 13.5 11.3 16.9



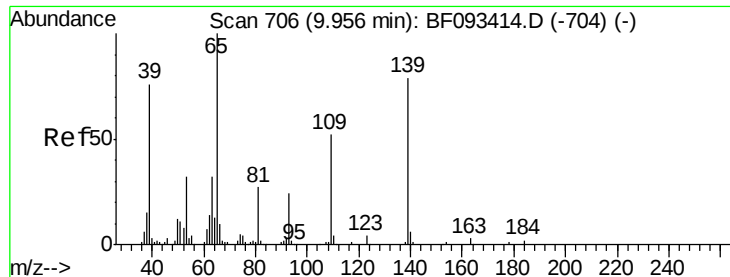
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#55

4-Nitrophenol

Concen: 82.23 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

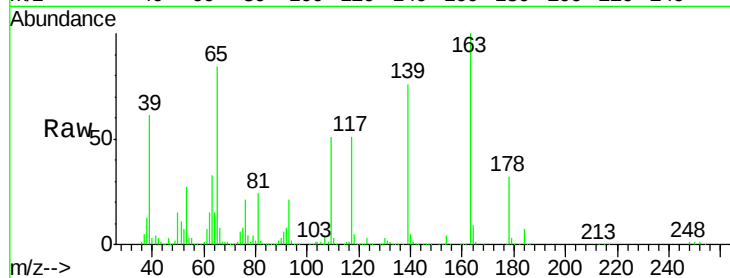
Tgt Ion:139 Resp: 266399

Ion Ratio Lower Upper

139 100

109 67.0 52.2 92.2

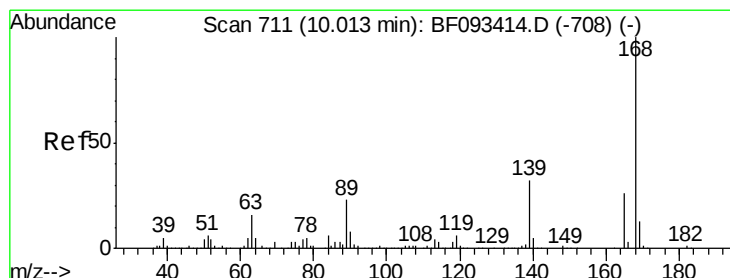
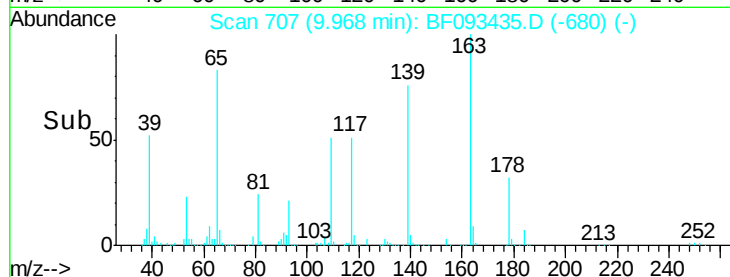
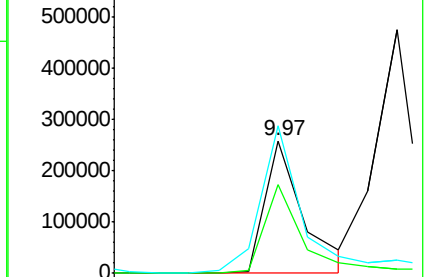
65 111.1 85.8 125.8



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: 41.38 ng

RT: 10.02 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion:165 Resp: 282226

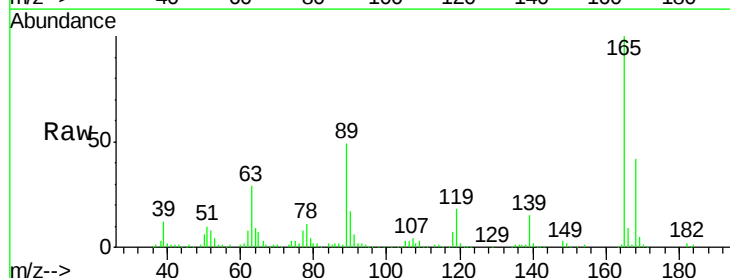
Ion Ratio Lower Upper

165 100

63 29.0 40.2 60.4#

89 49.2 62.5 93.7#

182 2.4 1.8 2.8

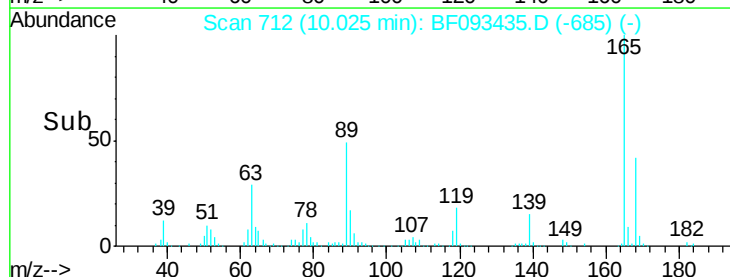
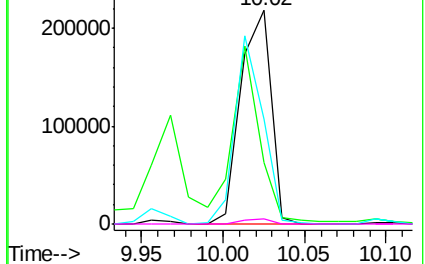


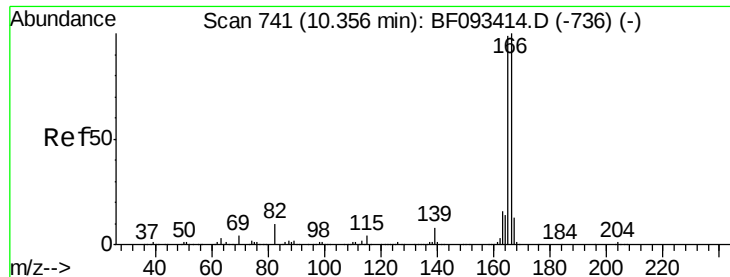
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.87 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

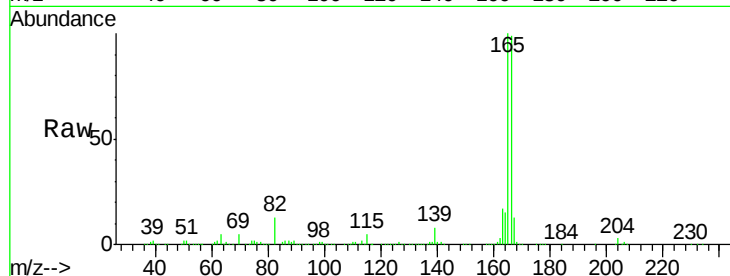
Tgt Ion:166 Resp: 921613

Ion Ratio Lower Upper

166 100

165 100.6 77.8 116.8

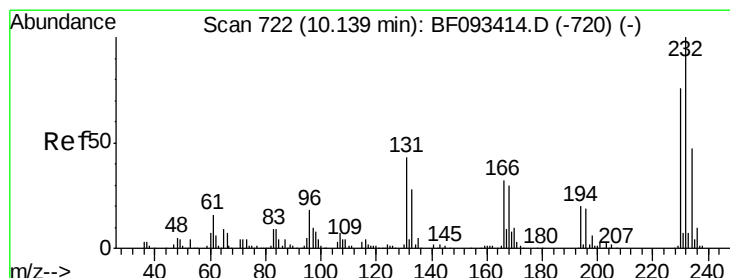
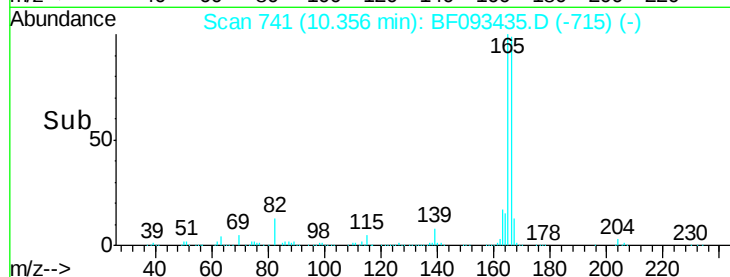
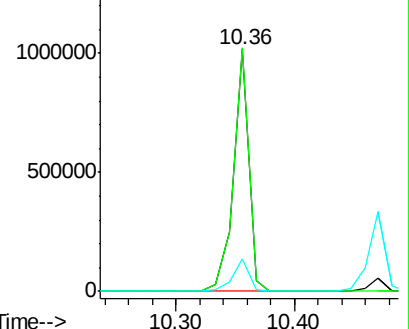
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.81 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion:232 Resp: 211093

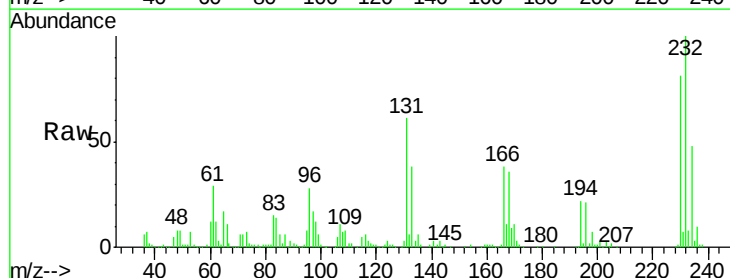
Ion Ratio Lower Upper

232 100

131 50.6 40.1 60.1

130 2.7 1.8 2.8

166 33.9 26.6 39.8

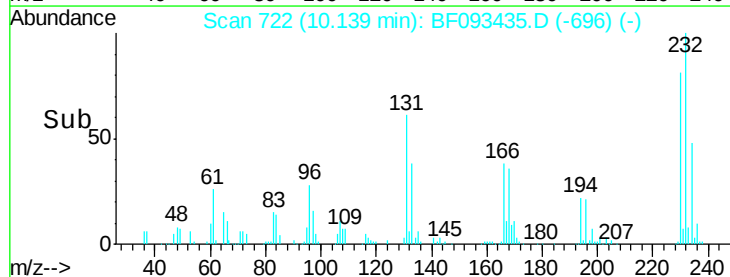
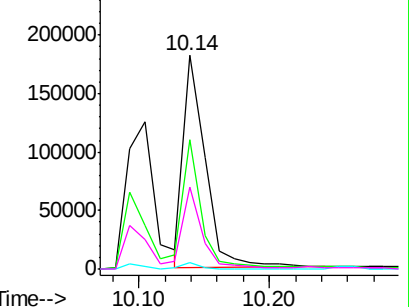


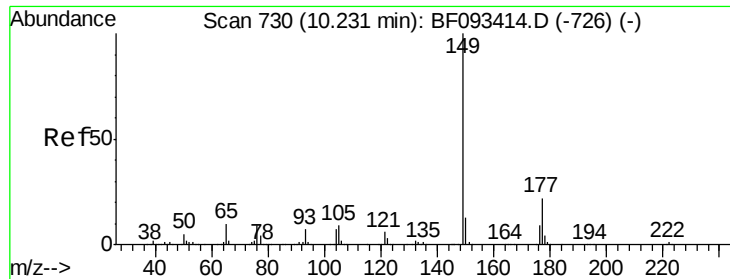
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

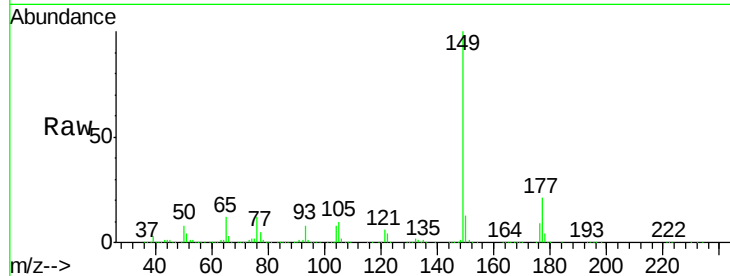




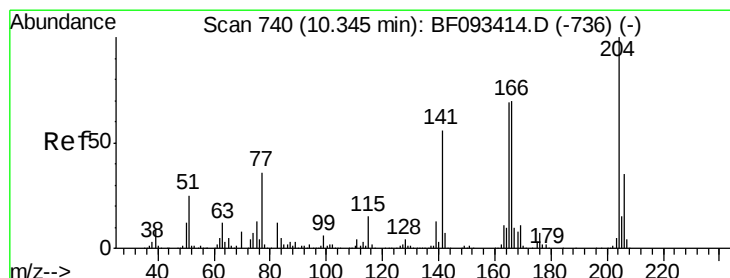
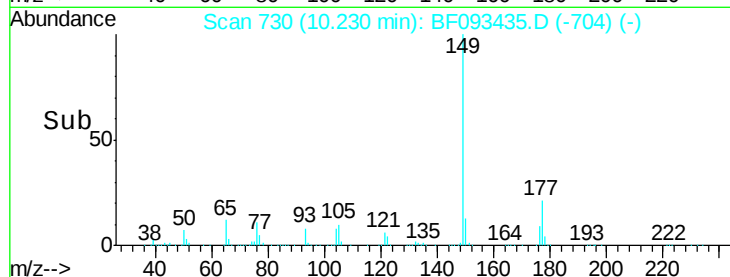
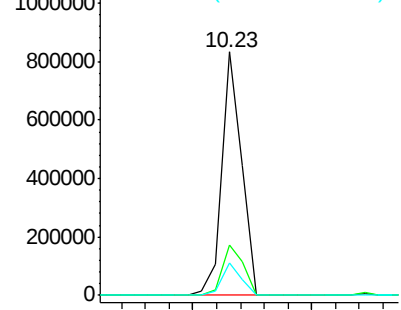
#59
Diethylphthalate
Concen: 39.82 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tgt Ion:149 Resp: 963055
Ion Ratio Lower Upper
149 100
177 20.7 16.6 25.0
150 13.1 10.4 15.6

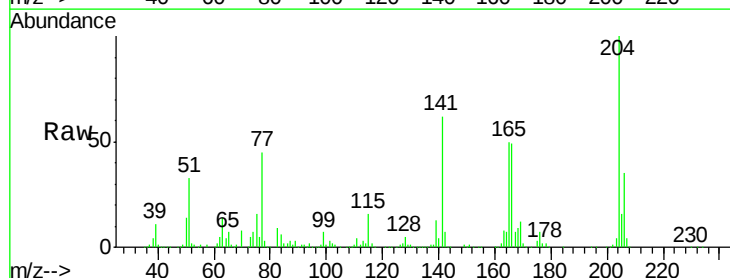


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

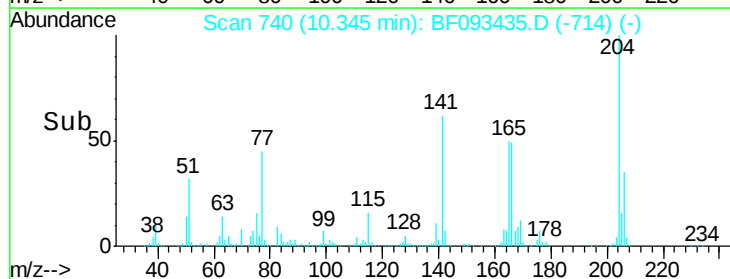
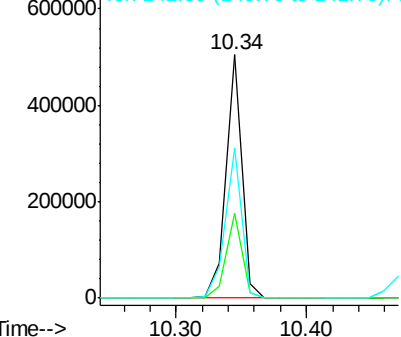


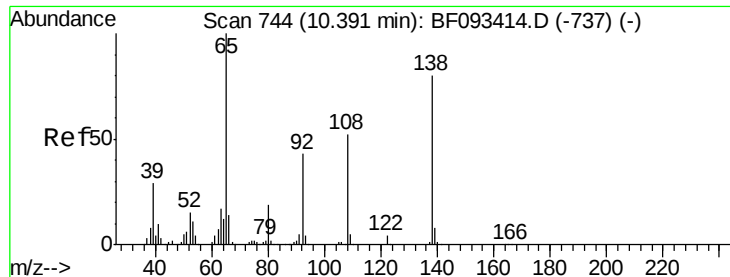
#60
4-Chlorophenyl-phenylether
Concen: 42.86 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion:204 Resp: 422954
Ion Ratio Lower Upper
204 100
206 35.0 25.8 38.6
141 61.9 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: 36.39 ng

RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampled :

PB97426BS

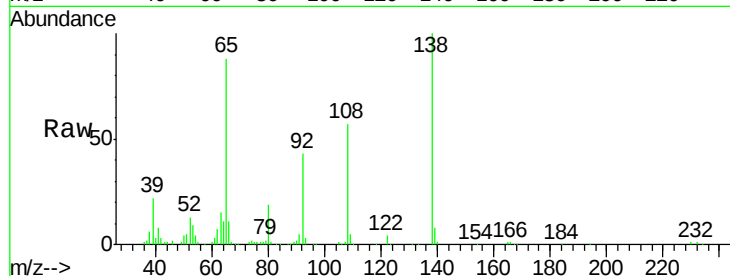
Tgt Ion:138 Resp: 248233

Ion Ratio Lower Upper

138 100

92 42.9 31.7 71.7

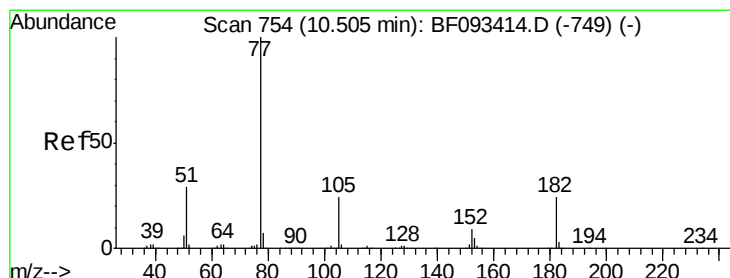
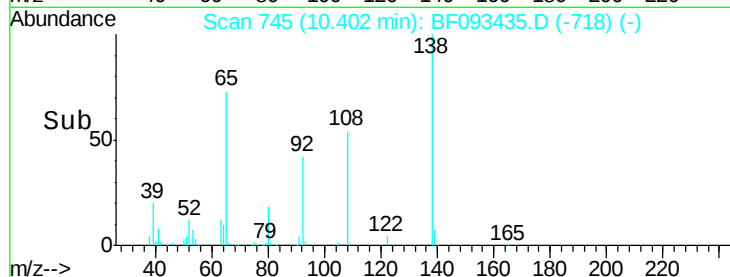
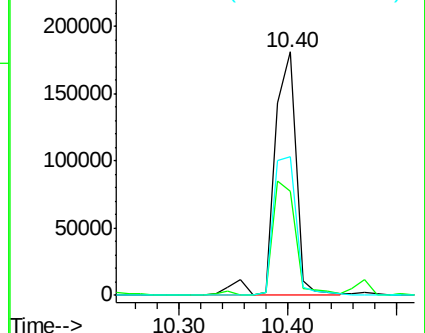
108 57.1 52.6 92.6



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: 45.55 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Tgt Ion: 77 Resp: 1251585

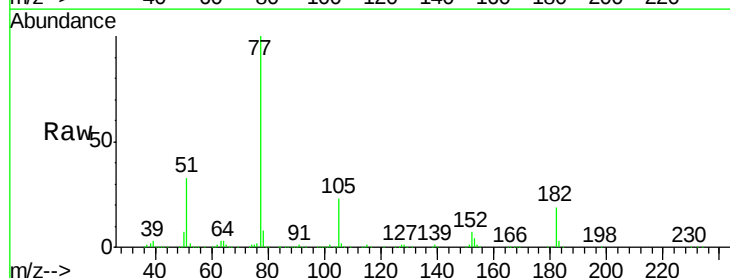
Ion Ratio Lower Upper

77 100

182 19.3 0.0 39.3

105 22.6 2.3 42.3

51 33.0 8.9 48.9

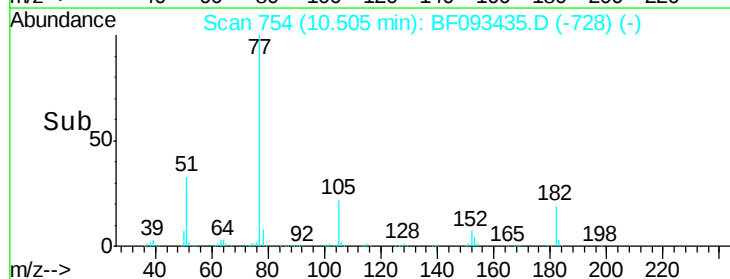
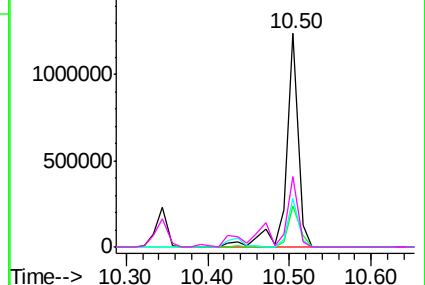


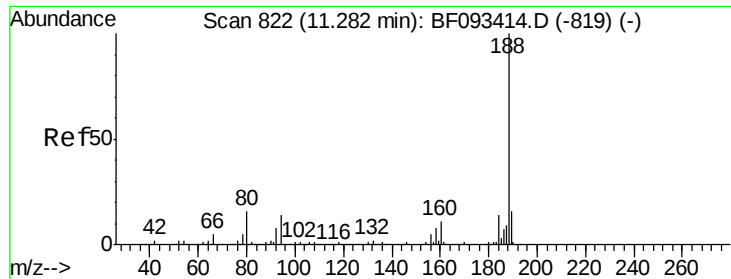
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

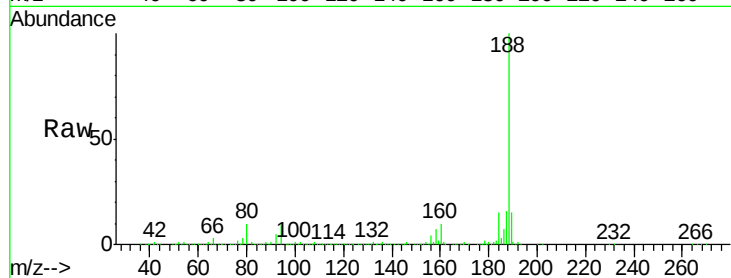




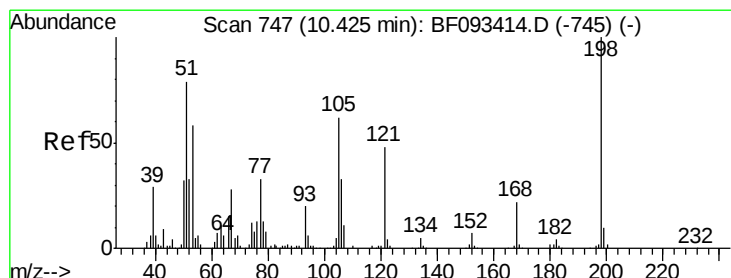
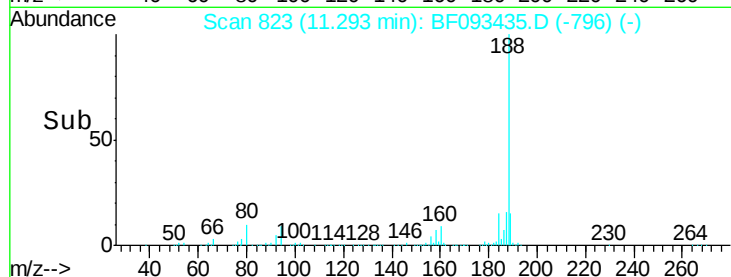
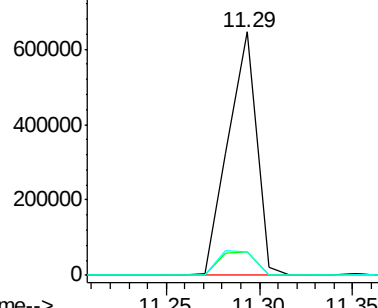
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Tgt Ion:188 Resp: 684958
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.9 11.2 16.8#

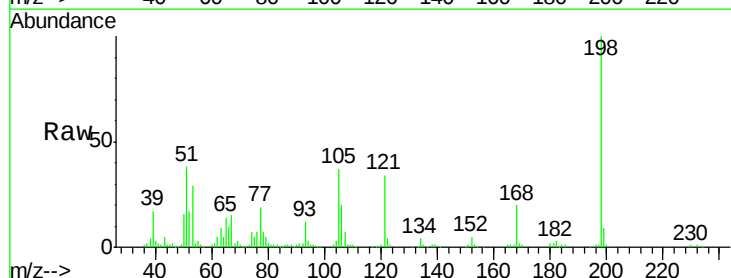


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

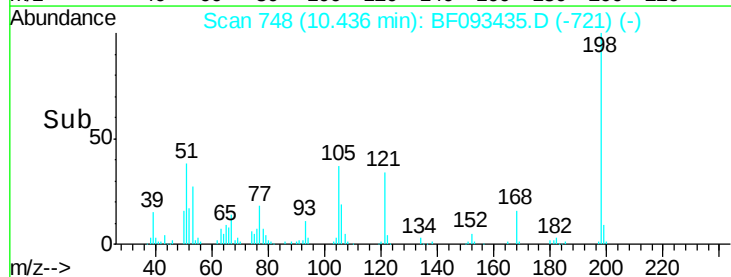
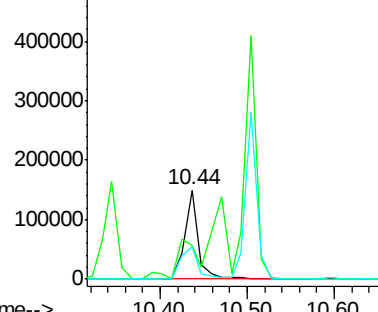


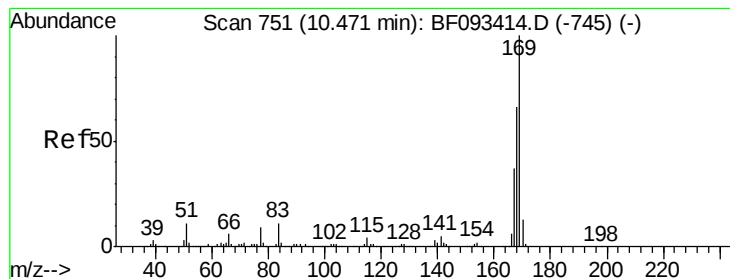
#64
4,6-Dinitro-2-methylphenol
Concen: 37.60 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion:198 Resp: 166865
Ion Ratio Lower Upper
198 100
51 38.5 6.7 46.7
105 36.9 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

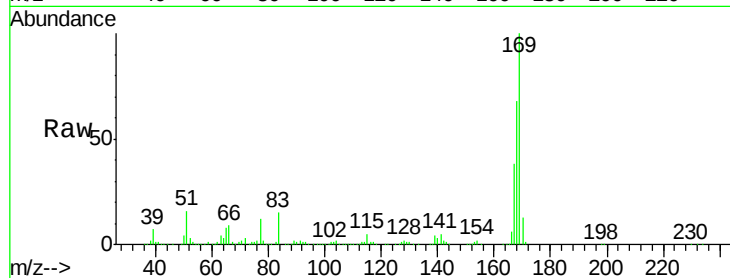




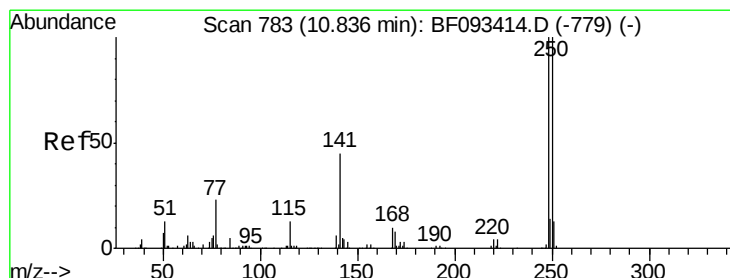
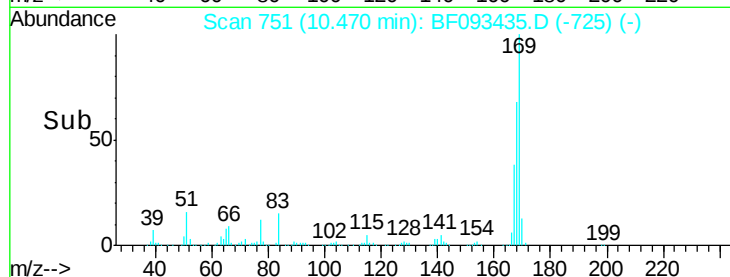
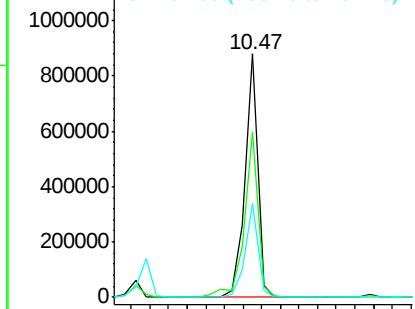
#65
 n-Nitrosodiphenylamine
 Concen: 36.57 ng
 RT: 10.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tgt Ion:169 Resp: 836323
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.2 81.2
 167 38.4 30.2 45.4

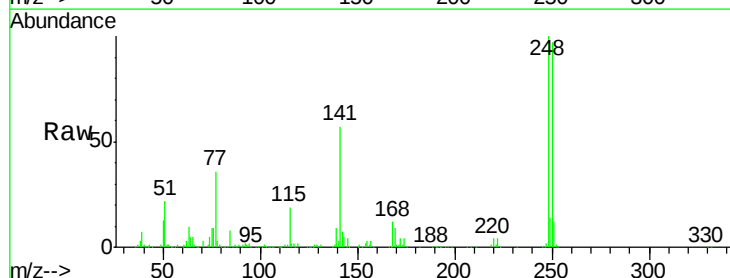


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

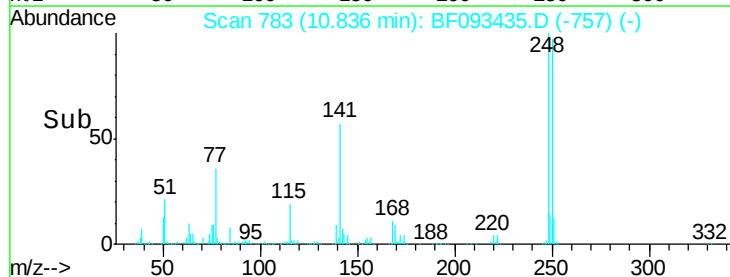
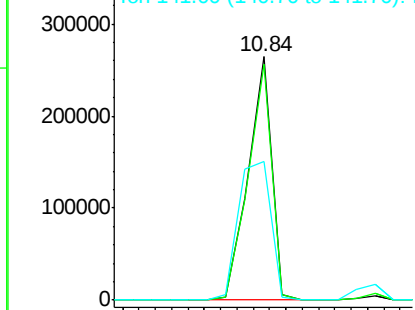


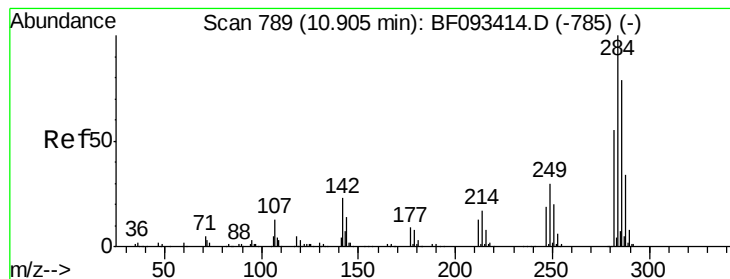
#66
 4-Bromophenyl-phenylether
 Concen: 36.57 ng
 RT: 10.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion:248 Resp: 264918
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.9 115.3
 141 57.0 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.16 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

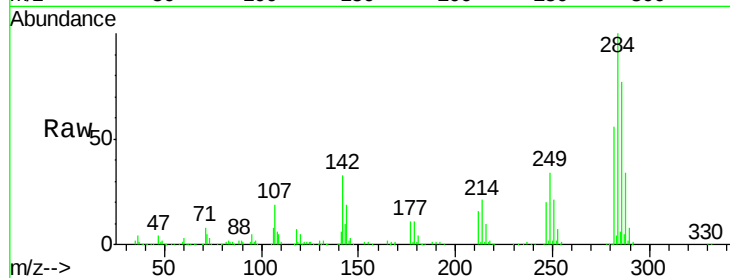
Tgt Ion:284 Resp: 250101

Ion Ratio Lower Upper

284 100

142 33.4 22.6 33.8

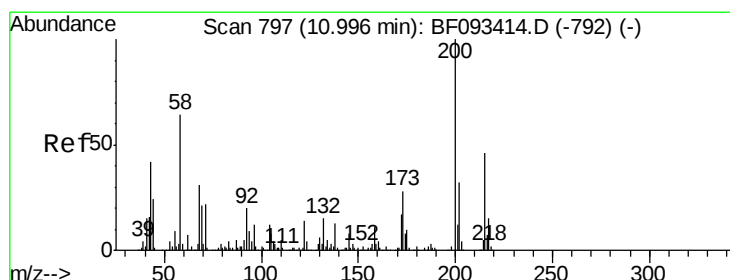
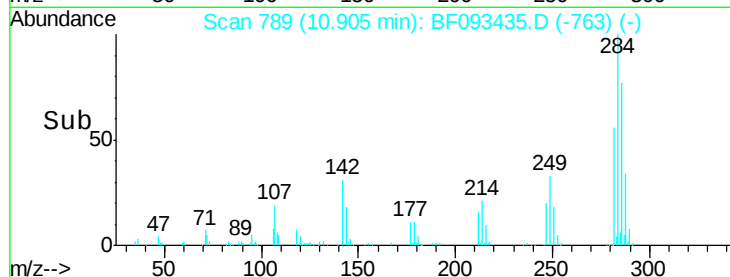
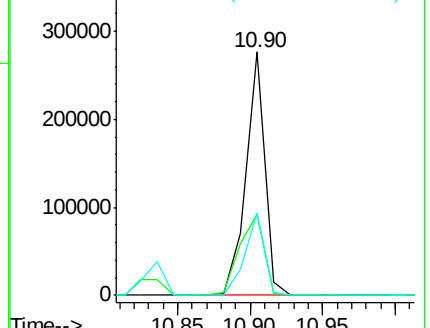
249 33.8 25.4 38.0



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: 32.95 ng

RT: 11.00 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

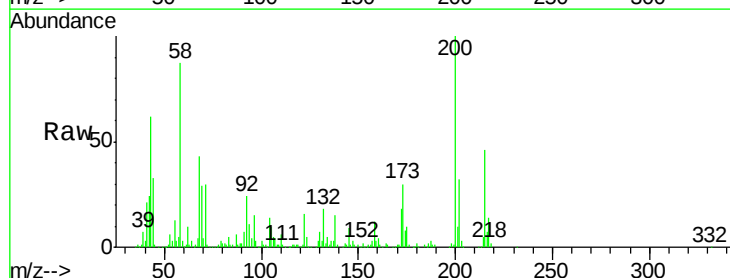
Tgt Ion:200 Resp: 220609

Ion Ratio Lower Upper

200 100

173 30.4 9.6 49.6

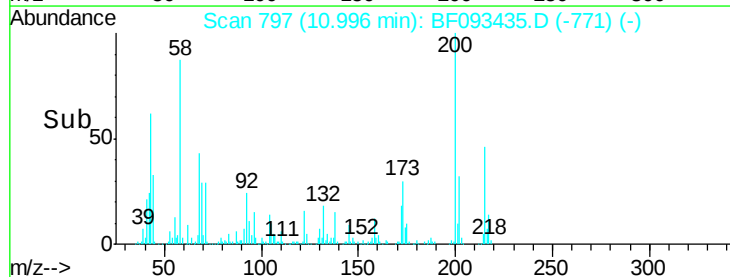
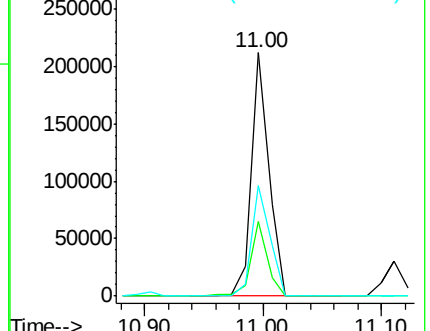
215 45.5 25.7 65.7

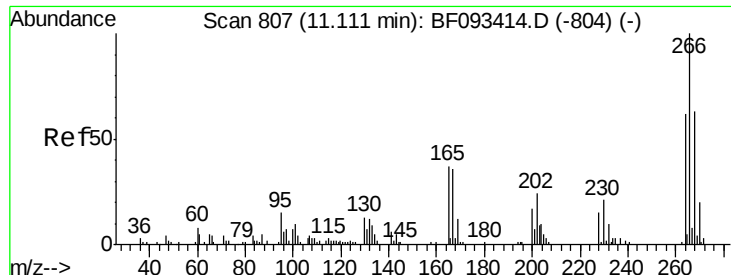


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

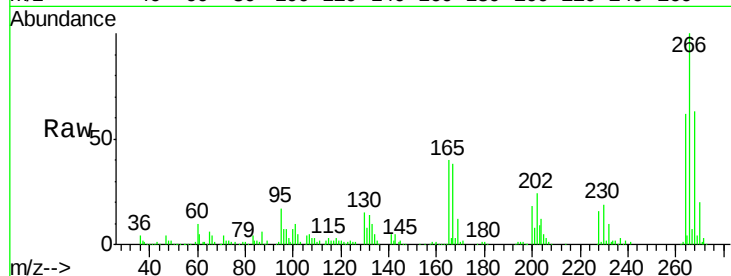




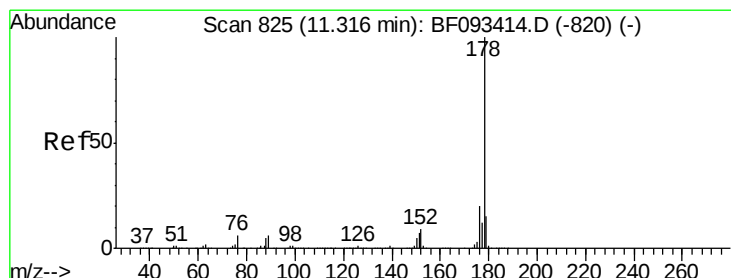
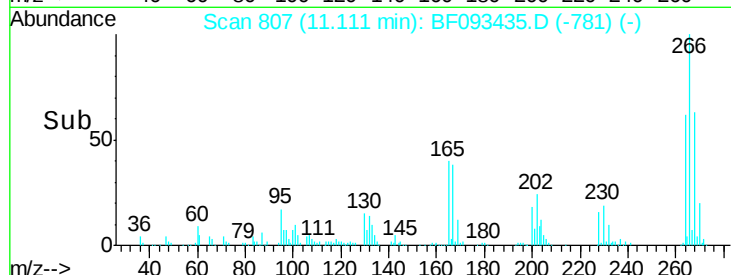
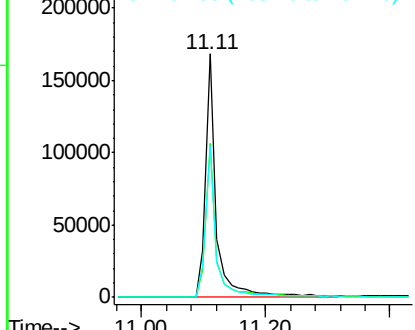
#69
 Pentachlorophenol
 Concen: 87.33 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tgt Ion:266 Resp: 208531
 Ion Ratio Lower Upper
 266 100
 268 63.0 53.3 79.9
 264 62.1 50.3 75.5

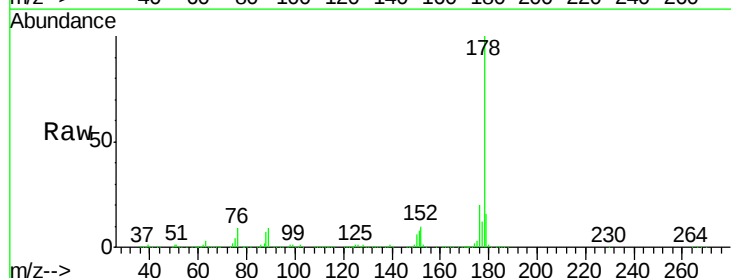


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

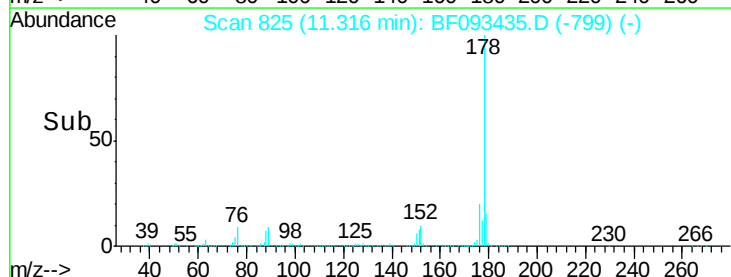
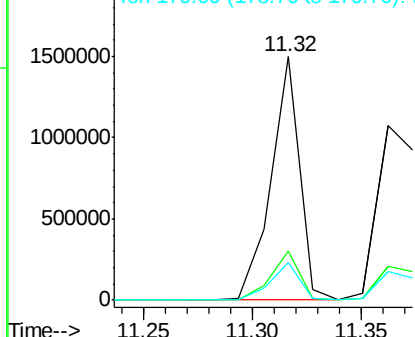


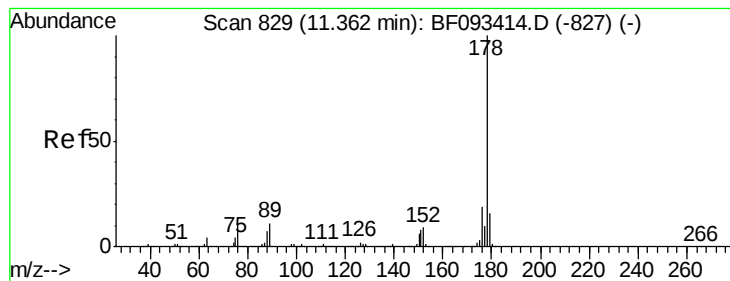
#70
 Phenanthrene
 Concen: 35.47 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion:178 Resp: 1386769
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 15.5 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: 36.08 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

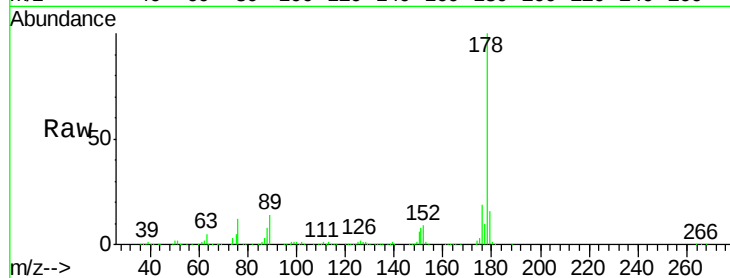
Tgt Ion:178 Resp: 1426986

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

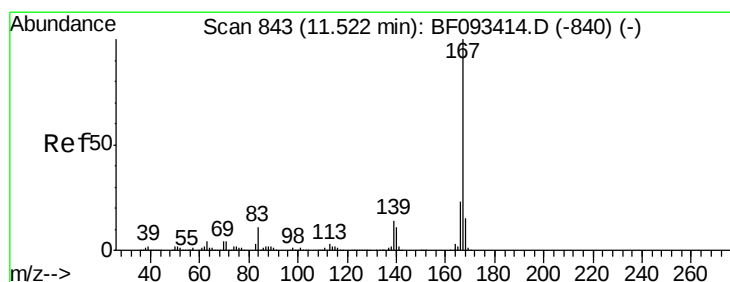
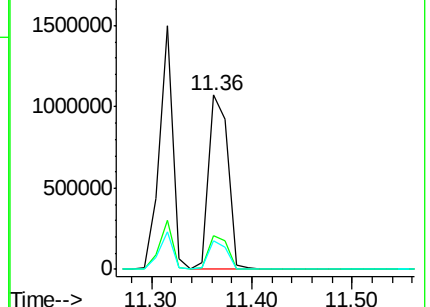
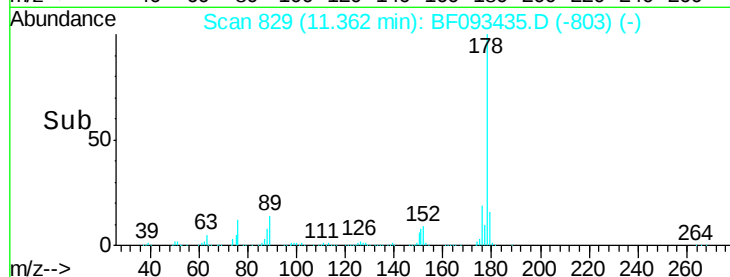
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.99 ng

RT: 11.53 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

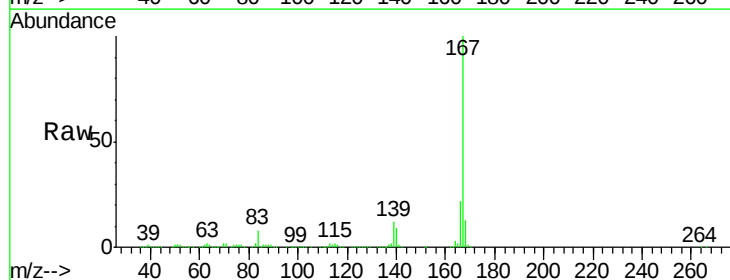
Tgt Ion:167 Resp: 1337292

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

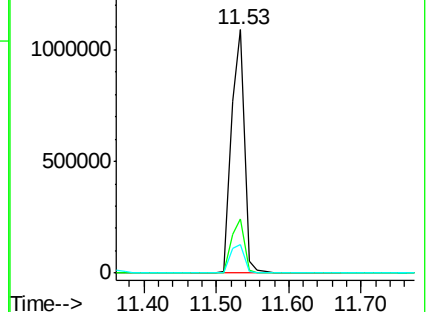
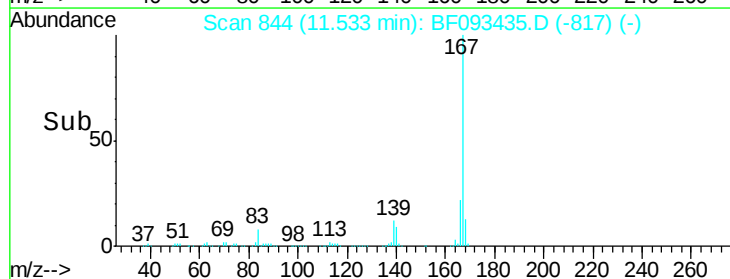
139 11.9 11.4 17.2

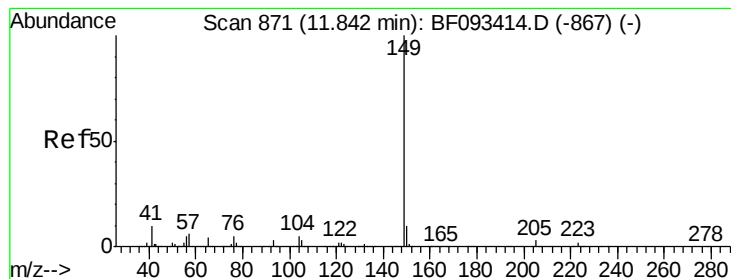


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.10 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

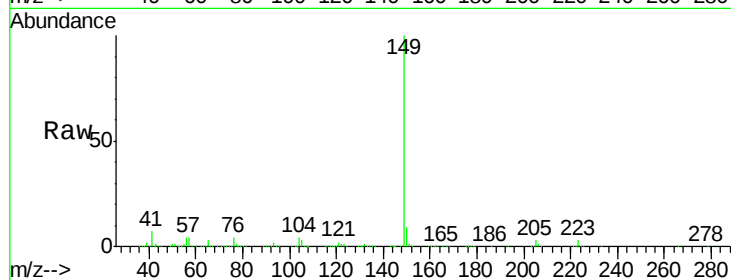
Tgt Ion:149 Resp: 1637664

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

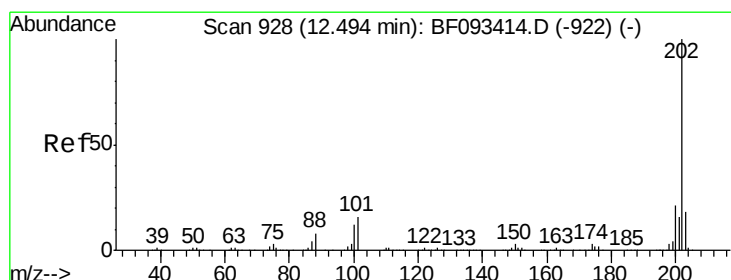
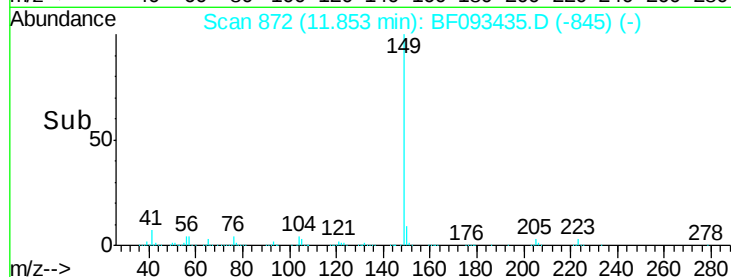
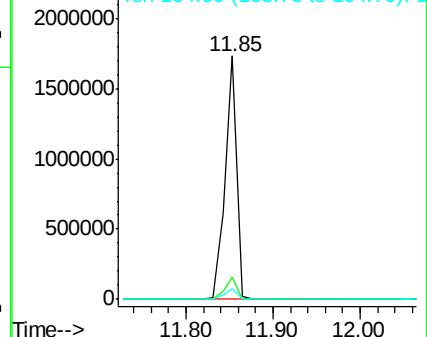
104 4.4 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.54 ng

RT: 12.50 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

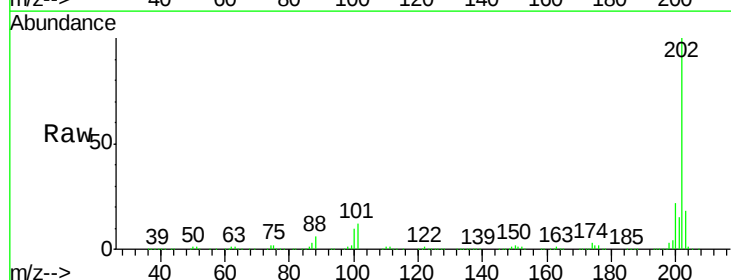
Tgt Ion:202 Resp: 1417661

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.6

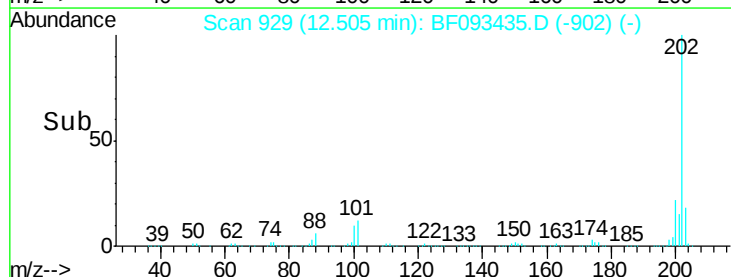
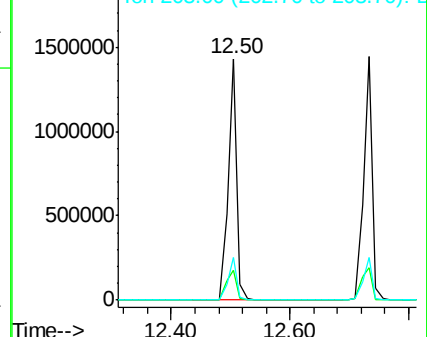
203 17.6 0.0 38.7

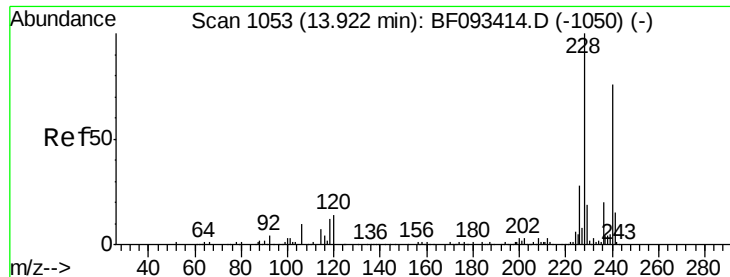


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

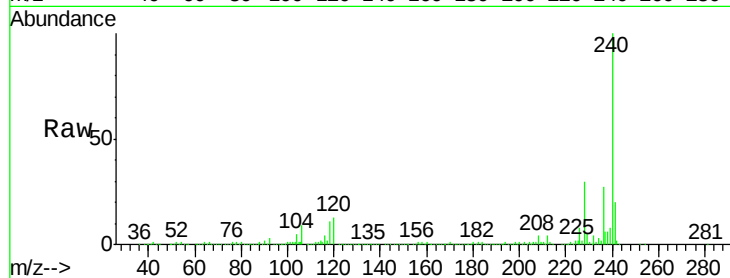
Tgt Ion:240 Resp: 580164

Ion Ratio Lower Upper

240 100

120 13.2 12.9 19.3

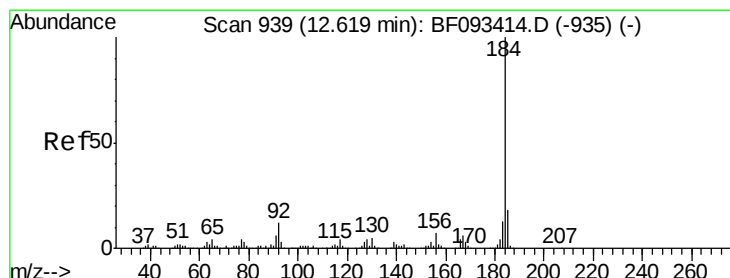
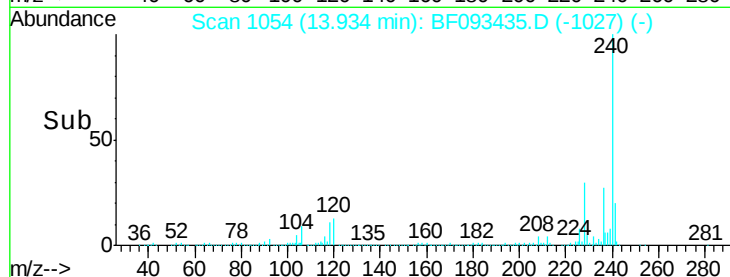
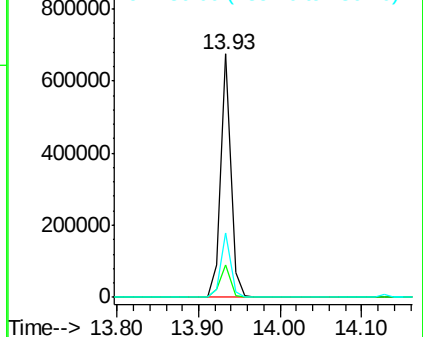
236 26.5 20.9 31.3



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: 14.48 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

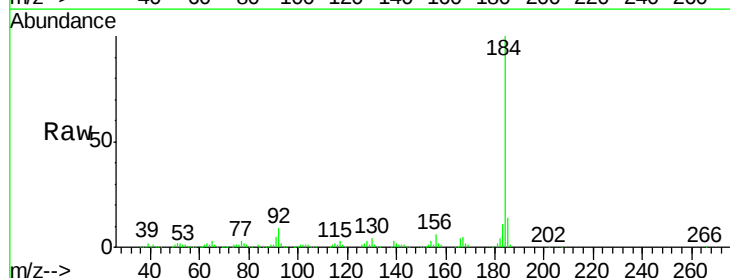
Tgt Ion:184 Resp: 276307

Ion Ratio Lower Upper

184 100

185 13.9 13.4 20.0

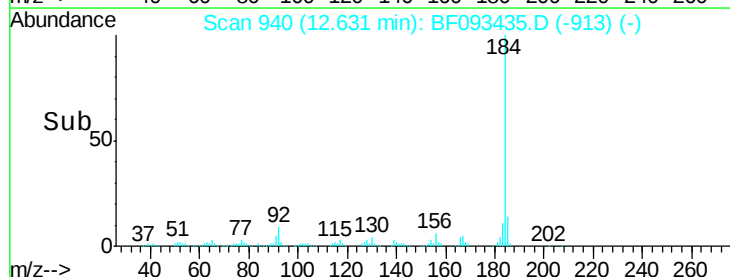
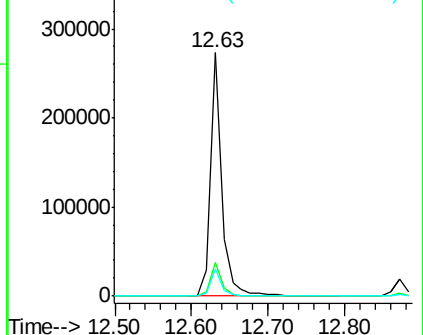
183 11.3 9.2 13.8

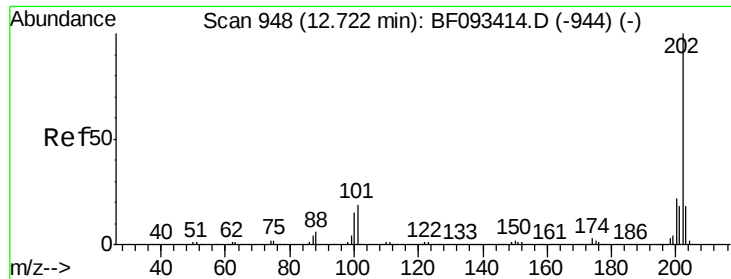


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

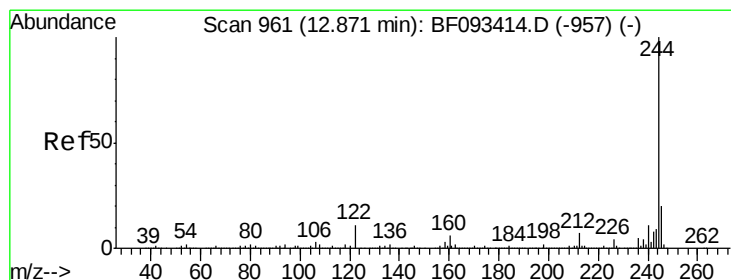
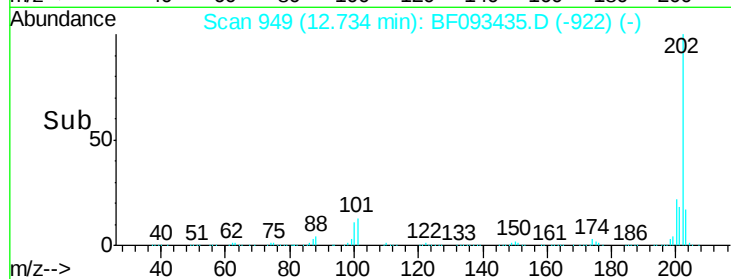
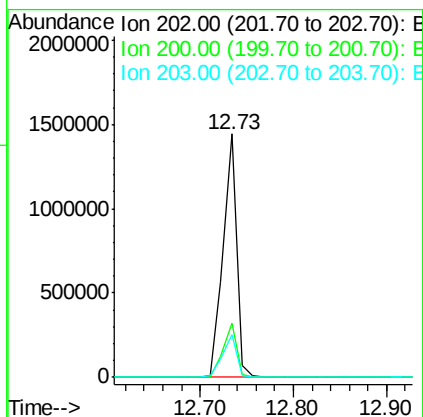
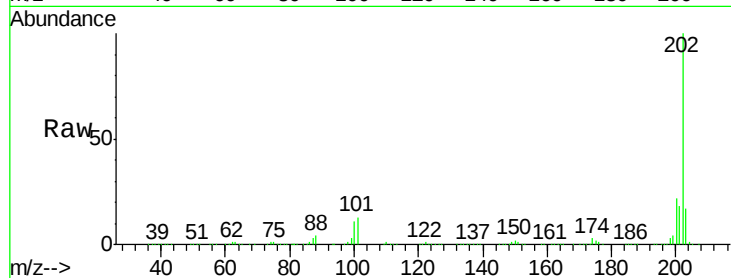




#77
 Pyrene
 Concen: 34.36 ng
 RT: 12.73 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

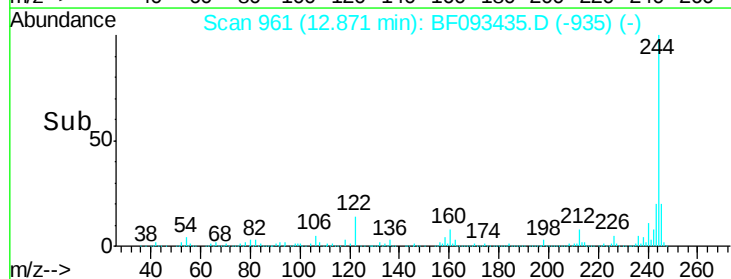
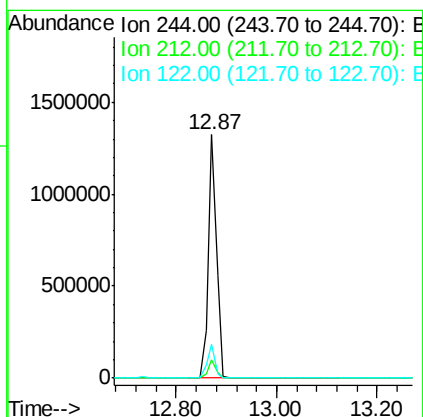
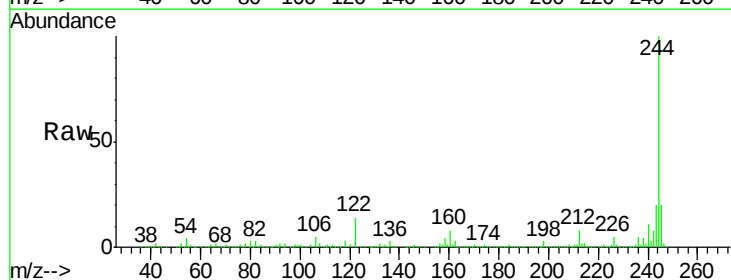
Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

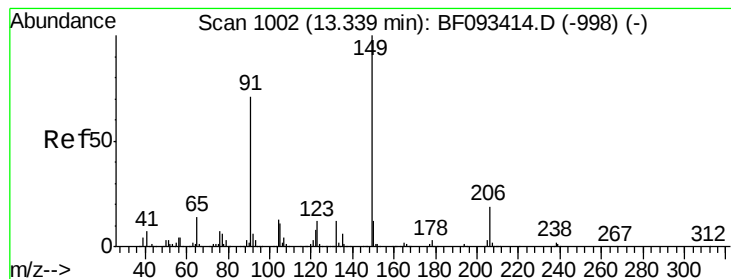
Tgt Ion: 202 Resp: 1449970
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.7 26.5
 203 17.5 14.7 22.1



#78
 Terphenyl-d14
 Concen: 66.81 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion: 244 Resp: 1490912
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.9 11.4 17.2





#79

Butylbenzylphthalate

Concen: 39.76 ng

RT: 13.35 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

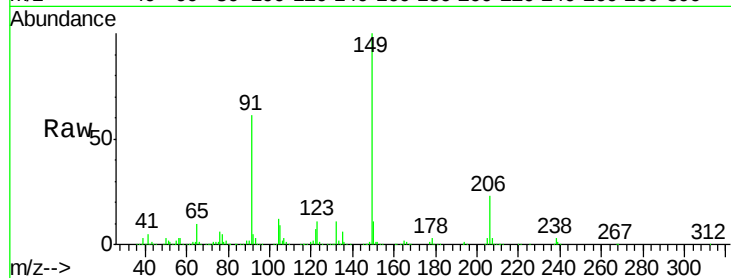
Tgt Ion:149 Resp: 706197

Ion Ratio Lower Upper

149 100

91 61.2 63.9 95.9#

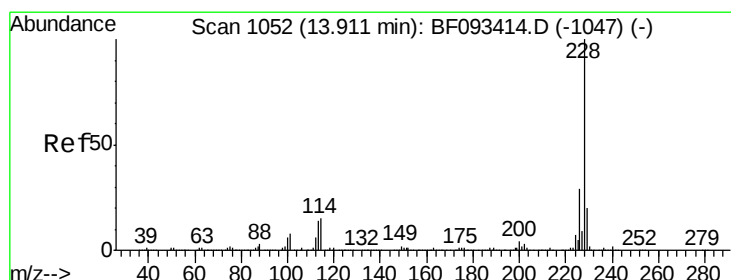
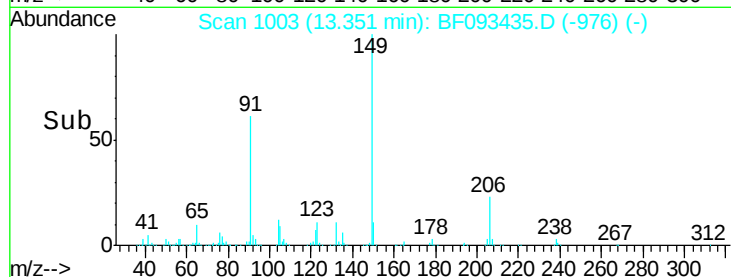
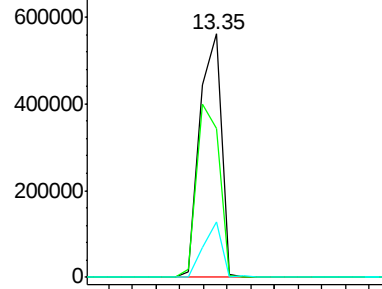
206 22.8 14.6 21.8#



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: 34.17 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

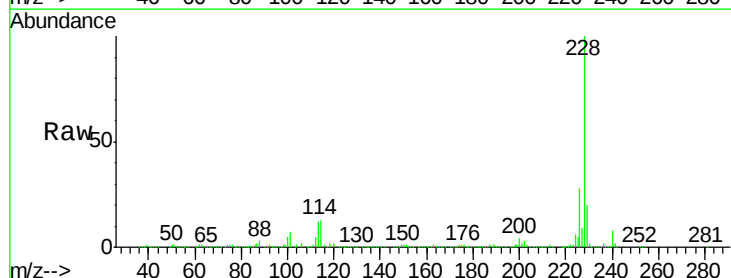
Tgt Ion:228 Resp: 1170553

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

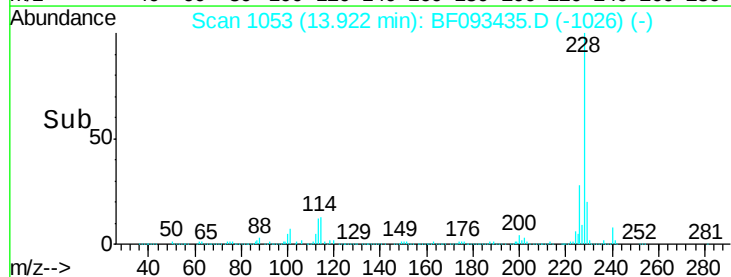
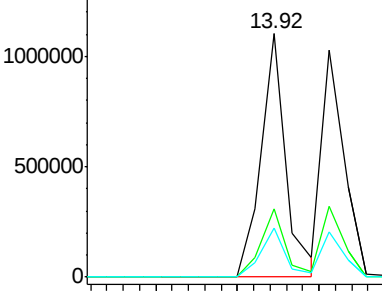
229 20.0 16.2 24.4

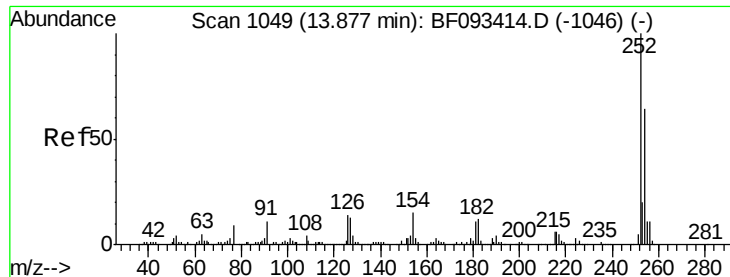


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

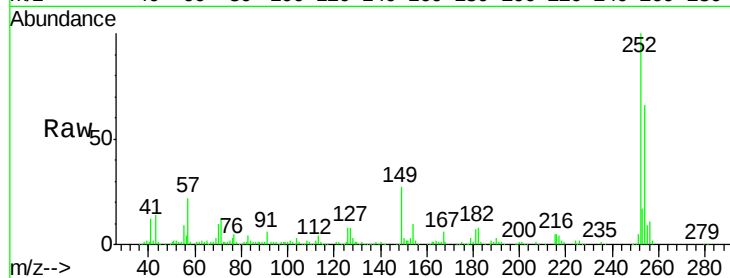




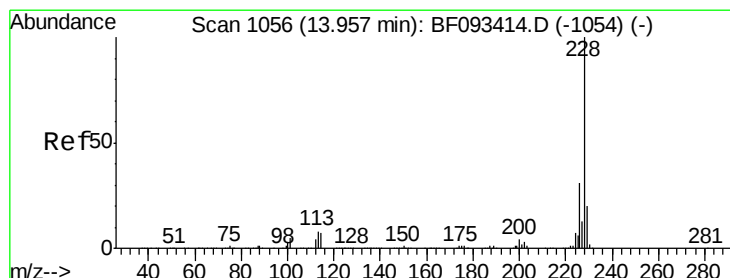
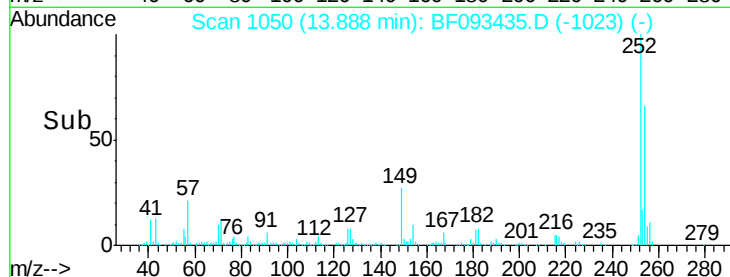
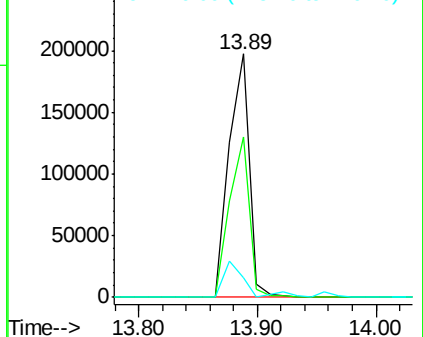
#81
 3,3'-Dichlorobenzidine
 Concen: 19.49 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BS

Tgt Ion:252 Resp: 233822
 Ion Ratio Lower Upper
 252 100
 254 65.7 52.3 78.5
 126 8.1 13.6 20.4#

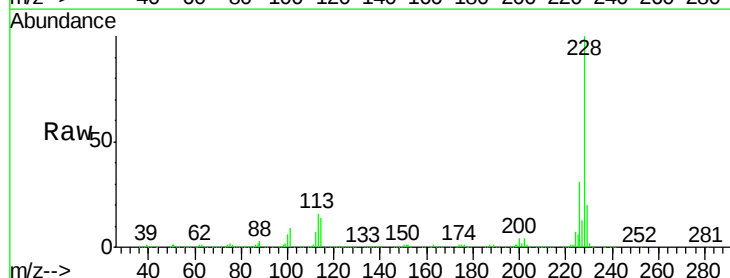


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

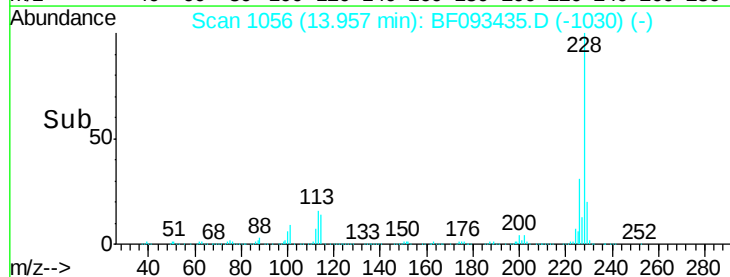
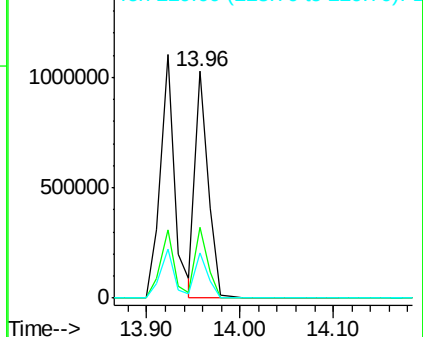


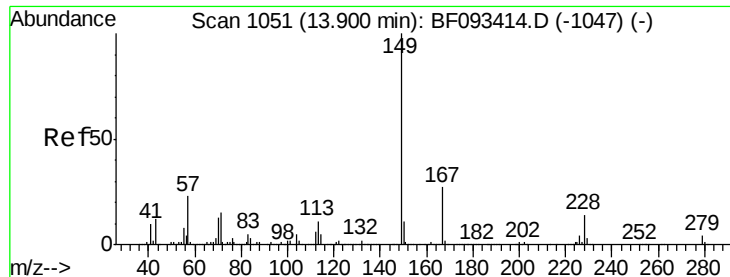
#82
 Chrysene
 Concen: 31.76 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093435.D
 Acq: 8 Mar 2017 18:23

Tgt Ion:228 Resp: 1006642
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.0 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.93 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

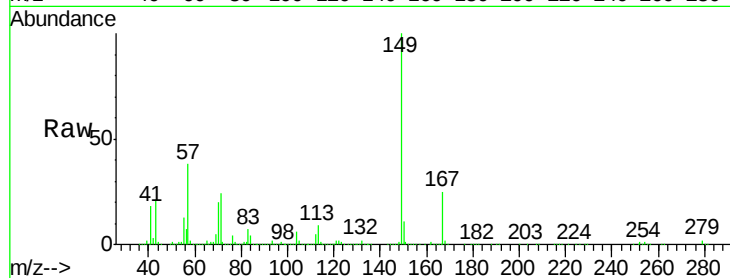
Tgt Ion:149 Resp: 914337

Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.4

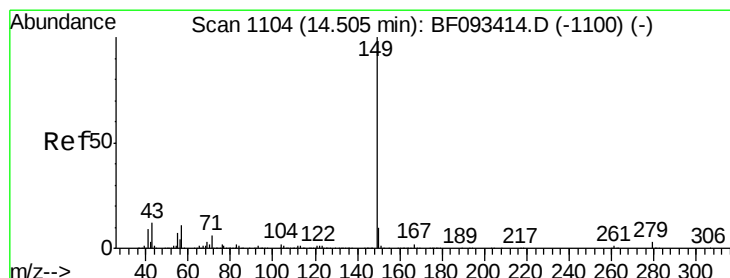
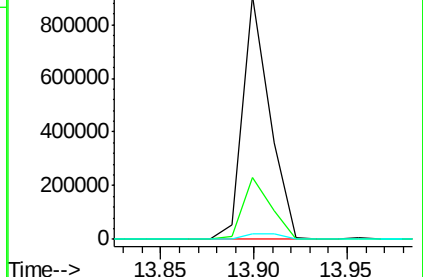
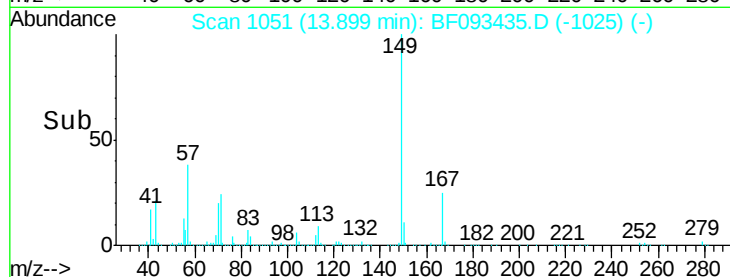
279 2.1 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.50 ng

RT: 14.52 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

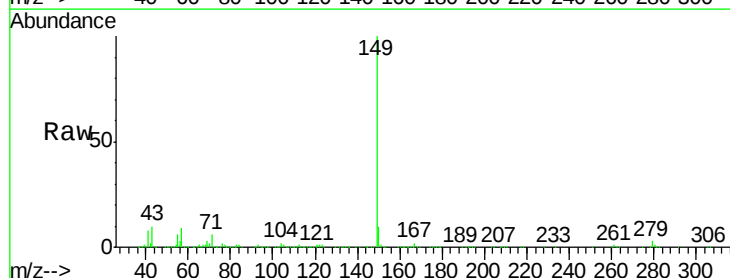
Tgt Ion:149 Resp: 1629782

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

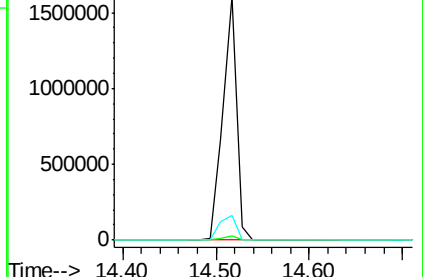
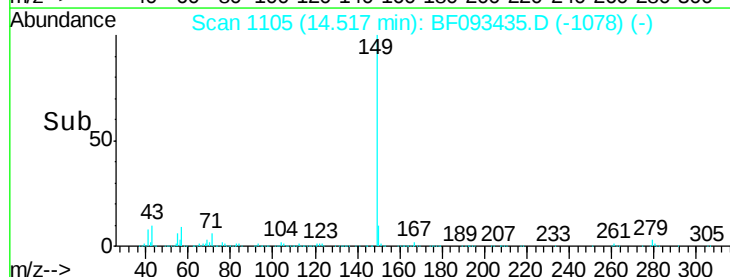
43 12.2 8.9 13.3

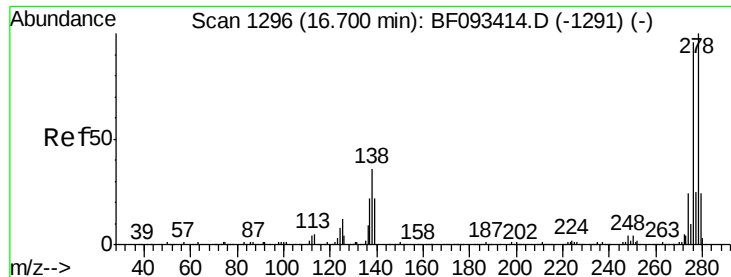


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

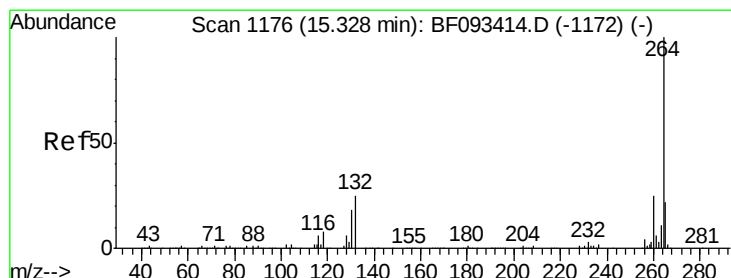
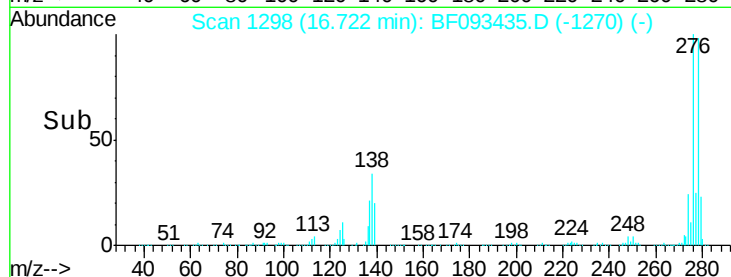
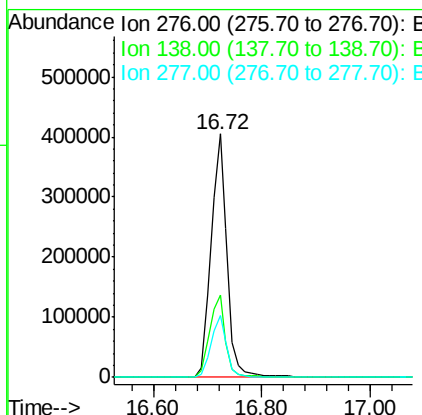
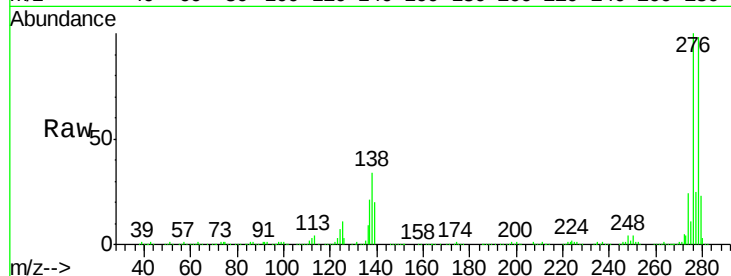




#85
Indeno(1,2,3-cd)pyrene
Concen: 31.59 ng
RT: 16.72 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

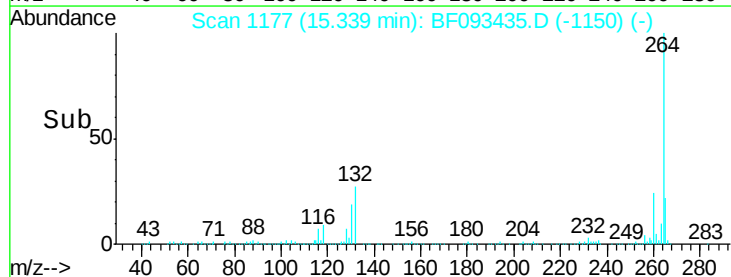
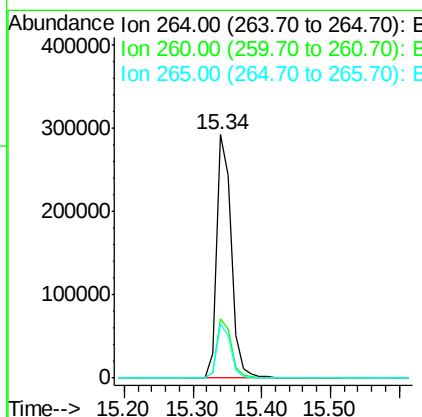
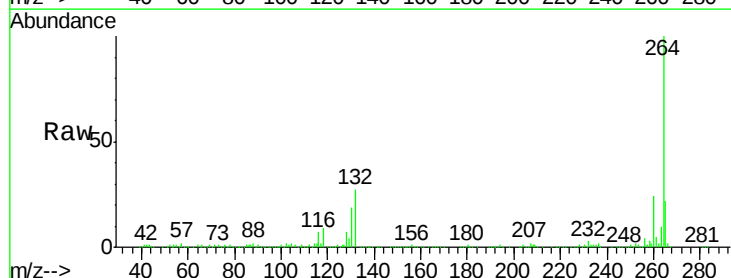
Instrument :
BNA_F
ClientSampleId :
PB97426BS

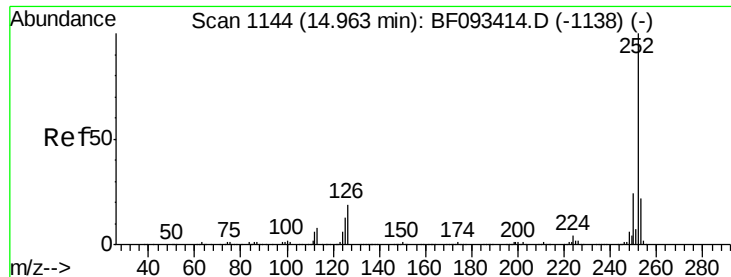
Tgt Ion: 276 Resp: 838135
Ion Ratio Lower Upper
276 100
138 33.8 21.8 32.6#
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093435.D
Acq: 8 Mar 2017 18:23

Tgt Ion: 264 Resp: 440164
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.2 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 74.41 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

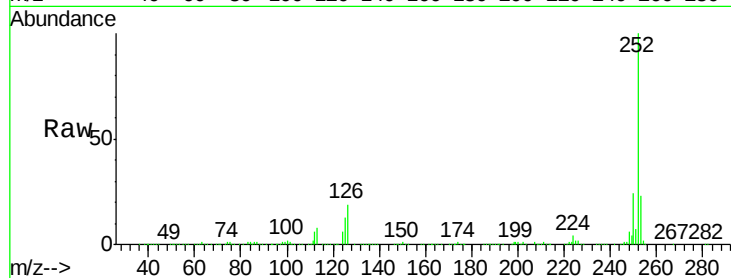
Tgt Ion:252 Resp: 1994718

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

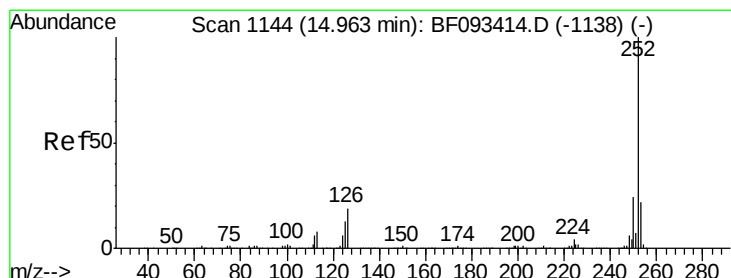
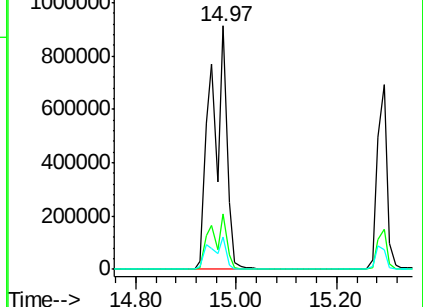
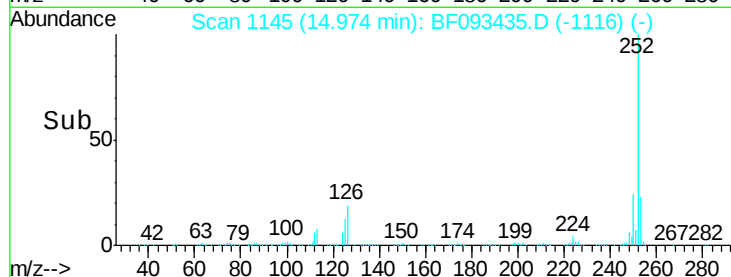
125 13.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 77.16 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

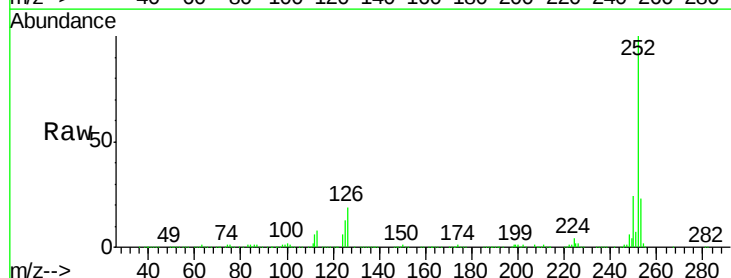
Tgt Ion:252 Resp: 1994718

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

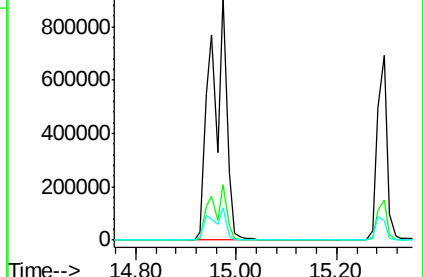
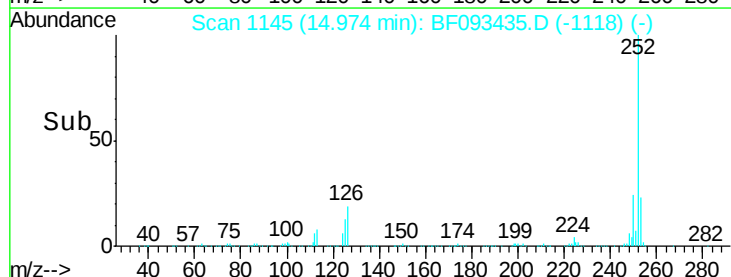
125 13.3 8.9 13.3#

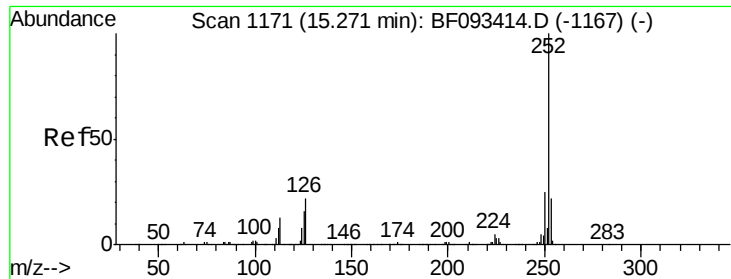


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.06 ng

RT: 15.29 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

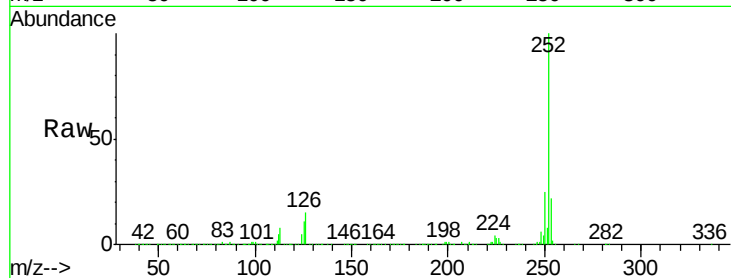
Tgt Ion: 252 Resp: 932560

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

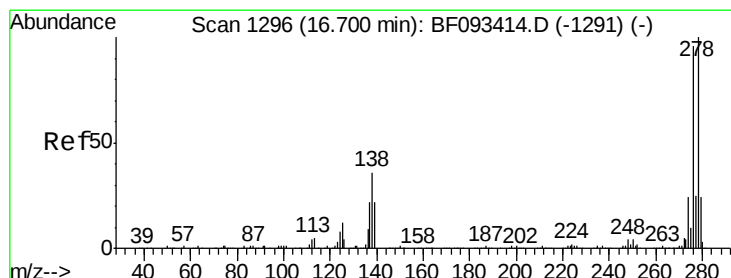
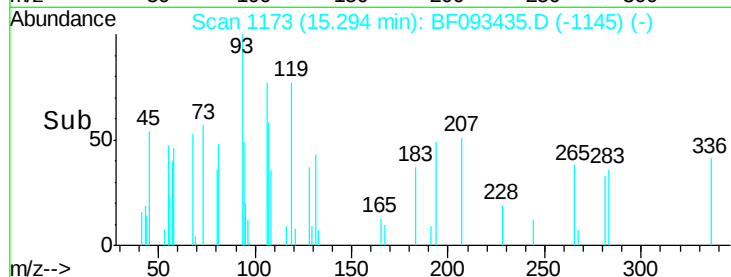
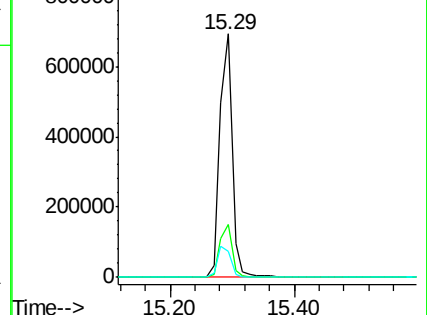
125 10.8 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.05 ng

RT: 16.72 min Scan# 1298

Delta R.T. 0.02 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

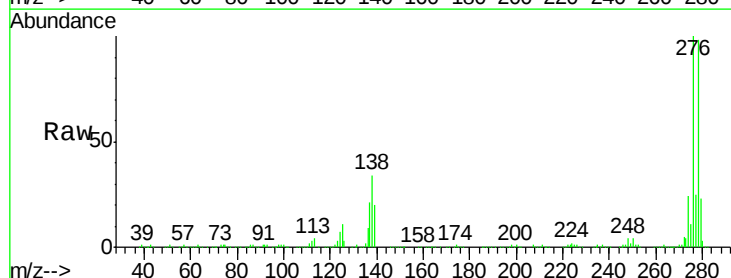
Tgt Ion: 278 Resp: 710445

Ion Ratio Lower Upper

278 100

139 20.1 14.8 22.2

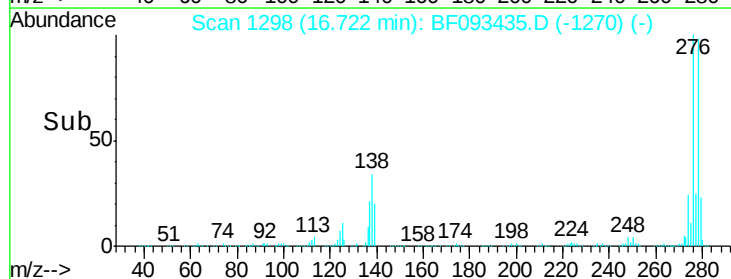
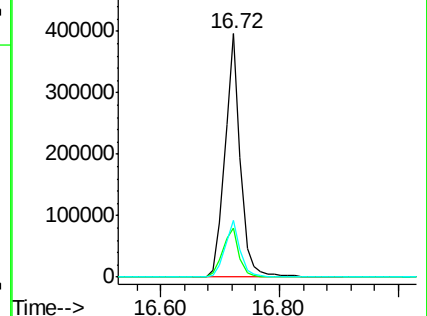
279 23.3 19.8 29.6

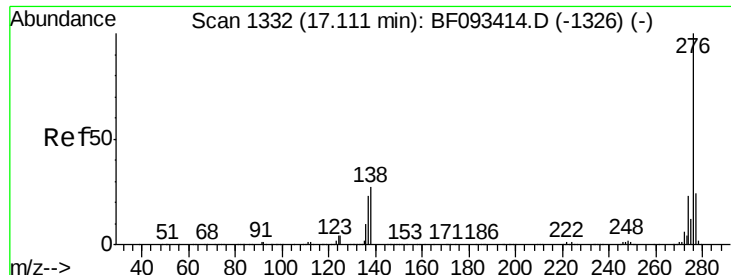


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.43 ng

RT: 17.13 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF093435.D

Acq: 8 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB97426BS

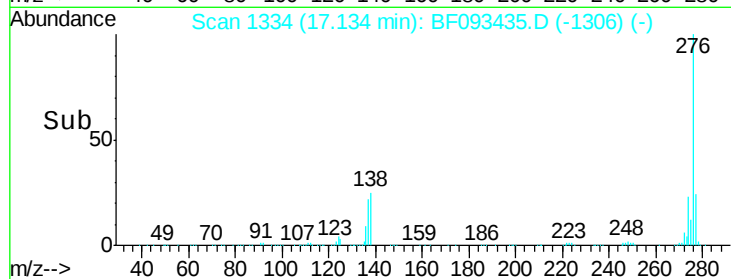
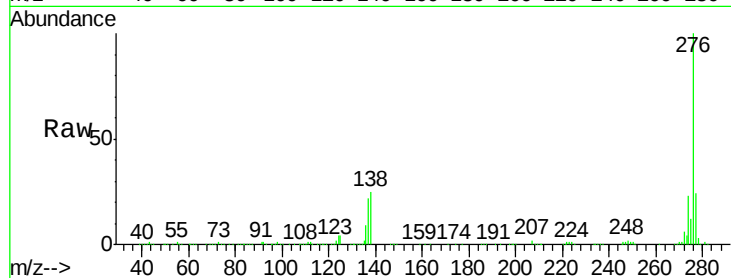
Tgt Ion: 276 Resp: 716242

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 25.3 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

