

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093432.D
 Acq On : 8 Mar 2017 17:01
 Operator : SJ/MA
 Sample : PB97430BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Quant Time: Mar 08 17:38:12 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	6.92	152	529969	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	766439	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	382551	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	706812	20.00	ng	0.01
75) Chrysene-d12	13.93	240	622673	20.00	ng	0.01
86) Perylene-d12	15.34	264	496995	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1272029	39.95	ng	0.01
7) Phenol-d6	6.42	99	1747585	43.52	ng	0.01
23) Nitrobenzene-d5	7.34	82	1058821	76.65	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	320296	128.51	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1814525	88.23	ng	0.00
78) Terphenyl-d14	12.87	244	1502048	62.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	182837	10.42	ng	# 82
3) Pyridine	3.03	79	530430	11.86	ng	87
4) n-Nitrosodimethylamine	2.98	42	273948	12.83	ng	84
8) 2-Chlorophenol	6.55	128	469867	13.17	ng	95
11) bis(2-Chloroethyl)ether	6.50	93	503061	12.65	ng	96
12) 1,3-Dichlorobenzene	6.94	146	452693	11.09	ng	97
13) 1,4-Dichlorobenzene	6.94	146	452693	10.83	ng	94
14) 1,2-Dichlorobenzene	6.94	146	452693	12.23	ng	94
15) Benzyl Alcohol	6.93	79	380859	13.31	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	823404	12.46	ng	85
17) 2-Methylphenol	7.04	107	394983	13.09	ng	94
18) Hexachloroethane	7.27	117	177613	12.60	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	378486	13.71	ng	97
20) 3+4-Methylphenols	7.20	107	546676	13.97	ng	# 73
22) Acetophenone	7.18	105	656112	35.57	ng	# 97
24) Nitrobenzene	7.36	77	546624	35.21	ng	# 89
25) Isophorone	7.60	82	990088	35.54	ng	99
26) 2-Nitrophenol	7.67	139	257209	36.31	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	428818	37.21	ng	92
28) bis(2-Chloroethoxy)methane	7.81	93	627255	35.67	ng	99
29) 2,4-Dichlorophenol	7.92	162	423329	39.05	ng	88
30) 1,2,4-Trichlorobenzene	7.99	180	404417	35.08	ng	# 95
31) Naphthalene	8.07	128	1292831	33.66	ng	99
32) Benzoic acid	7.89	122	293916	49.09	ng	91
33) 4-Chloroaniline	8.14	127	170974	10.97	ng	98
34) Hexachlorobutadiene	8.18	225	211818	35.67	ng	99
35) Caprolactam	8.52	113	99446	26.86	ng	# 36
36) 4-Chloro-3-methylphenol	8.63	107	439959	38.02	ng	92
37) 2-Methylnaphthalene	8.77	142	923745	37.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	380536	36.43	ng	99
40) Hexachlorocyclopentadiene	8.92	237	206719	78.66	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	271622	41.62	ng	93
43) 2,4,5-Trichlorophenol	9.11	196	261602	37.36	ng	# 86
45) 1,1'-Biphenyl	9.22	154	1026691	36.84	ng	96

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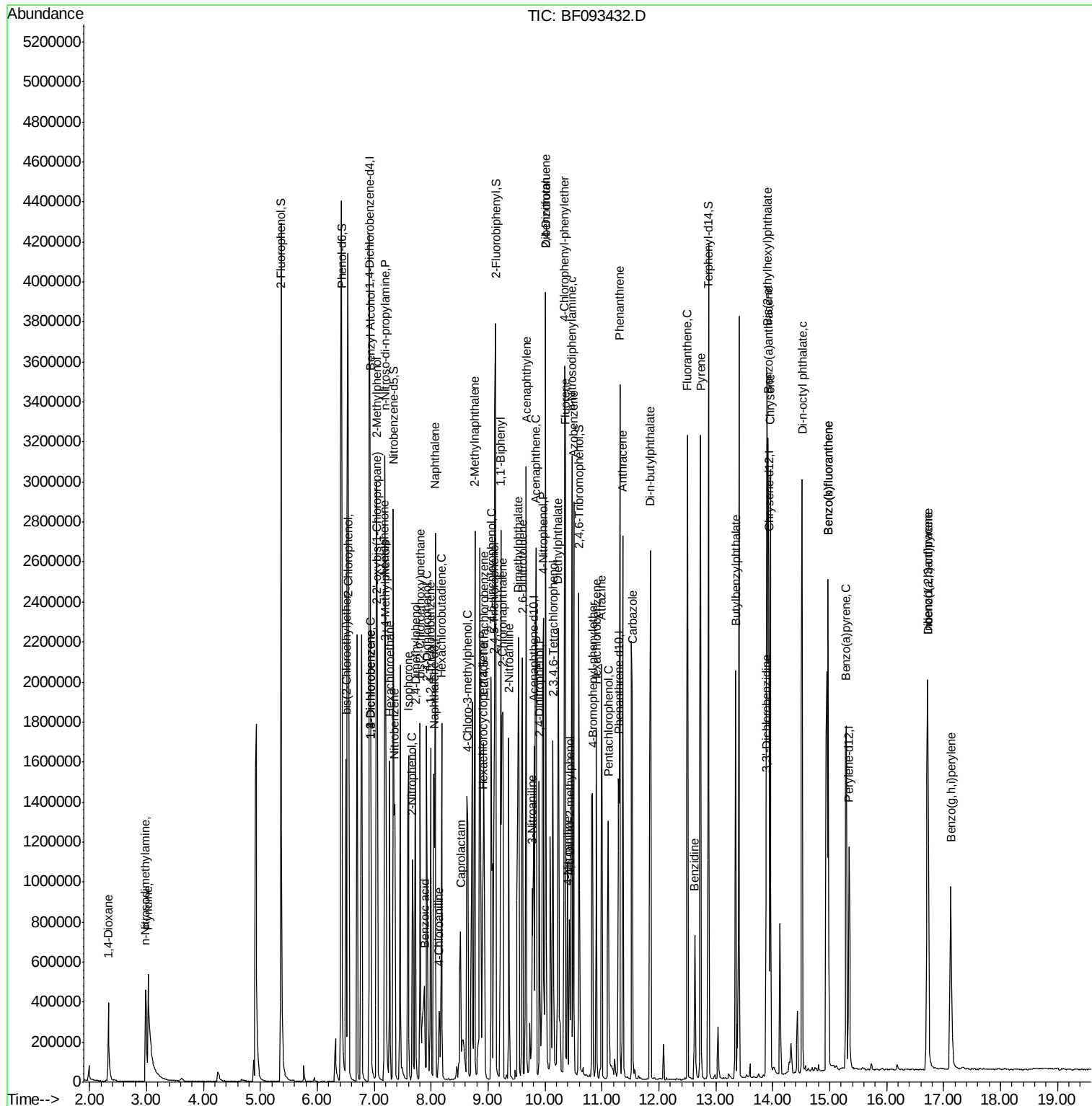
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.26	162	871162	40.84	nq	95
47) 2-Nitroaniline	9.36	65	309478	41.04	nq	95
48) Acenaphthylene	9.67	152	1332146	37.87	nq	98
49) Dimethylphthalate	9.53	163	1006773	39.70	nq	99
50) 2,6-Dinitrotoluene	9.60	165	205511	36.93	nq	# 52
51) Acenaphthene	9.84	154	818164	39.33	nq	98
52) 3-Nitroaniline	9.77	138	98549	14.74	nq	91
53) 2,4-Dinitrophenol	9.90	184	217410	85.79	nq	# 67
54) Dibenzofuran	10.01	168	1151724	44.23	nq	94
55) 4-Nitrophenol	9.97	139	280151	86.27	nq	94
56) 2,4-Dinitrotoluene	10.01	165	266311	38.95	nq	# 65
57) Fluorene	10.36	166	909863	41.24	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	218135	44.14	nq	97
59) Diethylphthalate	10.23	149	931944	38.45	nq	100
60) 4-Chlorophenyl-phenylether	10.34	204	416540	42.12	nq	88
61) 4-Nitroaniline	10.40	138	249541	36.49	nq	79
62) Azobenzene	10.50	77	1218109	44.23	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	162391	35.46	nq	89
65) n-Nitrosodiphenylamine	10.47	169	820854	34.78	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	259491	34.72	nq	# 83
67) Hexachlorobenzene	10.90	284	250668	35.12	nq	97
68) Atrazine	11.00	200	227503	32.93	nq	99
69) Pentachlorophenol	11.11	266	213708	86.73	nq	98
70) Phenanthrene	11.32	178	1394393	34.56	nq	99
71) Anthracene	11.36	178	1414175	34.65	nq	99
72) Carbazole	11.53	167	1310558	34.18	nq	# 96
73) Di-n-butylphthalate	11.85	149	1731428	39.04	nq	# 96
74) Fluoranthene	12.50	202	1450823	37.23	nq	95
76) Benzidine	12.63	184	305193	14.90	nq	96
77) Pyrene	12.73	202	1462042	32.28	nq	99
79) Butylbenzylphthalate	13.35	149	732926	38.45	nq	# 77
80) Benzo(a)anthracene	13.92	228	1223794	33.28	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	285596	22.18	nq	# 96
82) Chrysene	13.96	228	1031834	30.33	nq	100
83) Bis(2-ethylhexyl)phthalate	13.90	149	956975	36.02	nq	100
84) Di-n-octyl phthalate	14.52	149	1692493	38.22	nq	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	893976	31.39	nq	# 93
87) Benzo(b)fluoranthene	14.97	252	2116318	69.92	nq	99
88) Benzo(k)fluoranthene	14.97	252	2117668	72.55	nq	98
89) Benzo(a)pyrene	15.29	252	997842	36.07	nq	96
90) Dibenzo(a,h)anthracene	16.72	278	756682	33.06	nq	95
91) Benzo(g,h,i)perylene	17.13	276	771283	32.84	nq	# 93

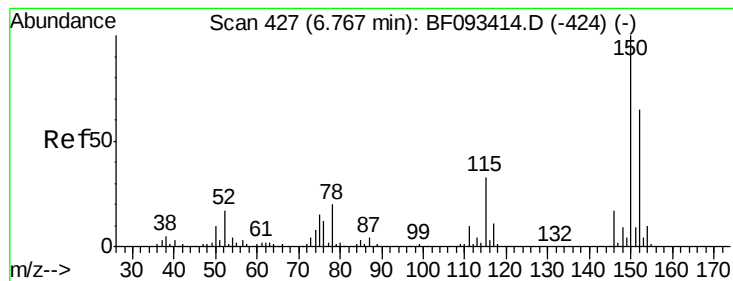
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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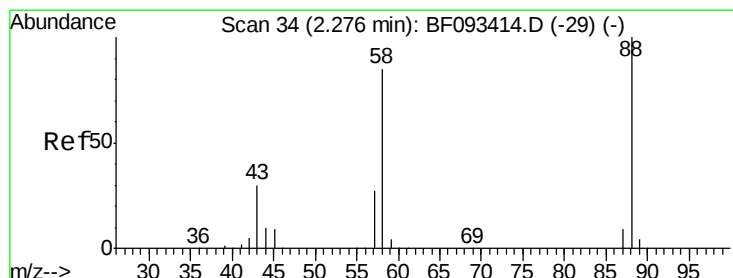
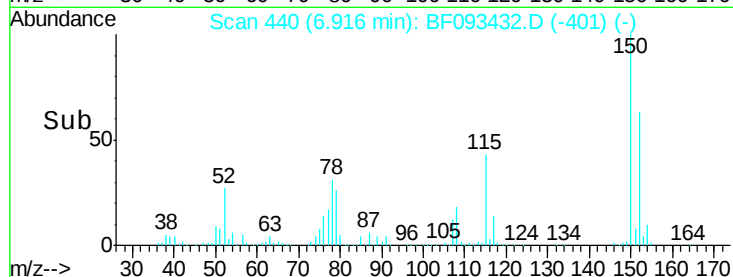
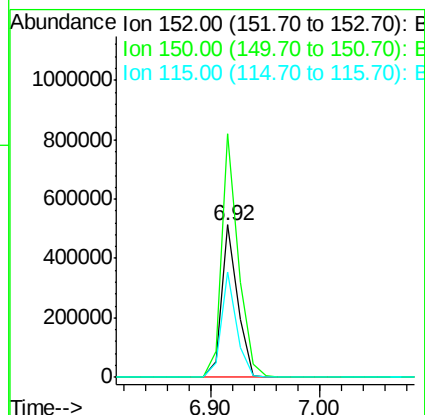
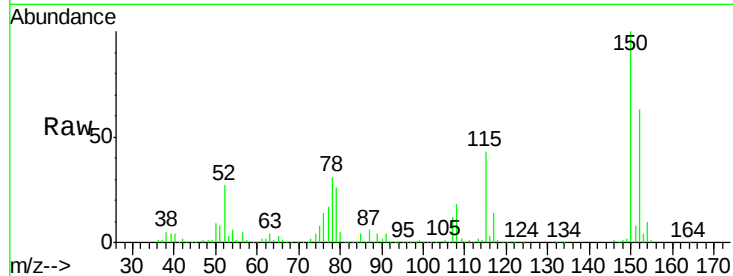




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 440
 Delta R.T. 0.15 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

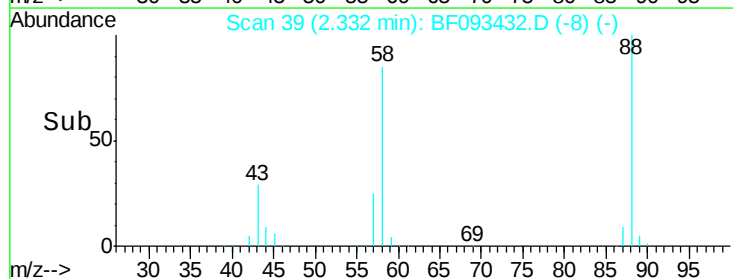
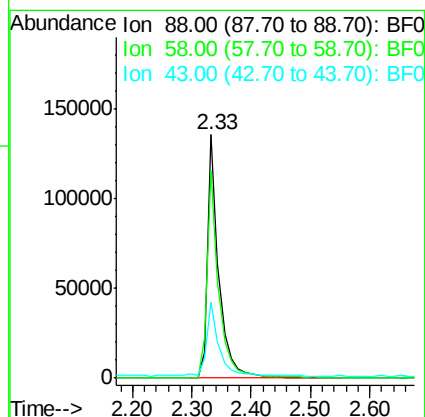
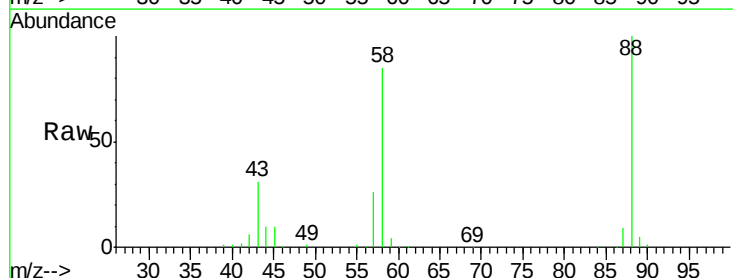
Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

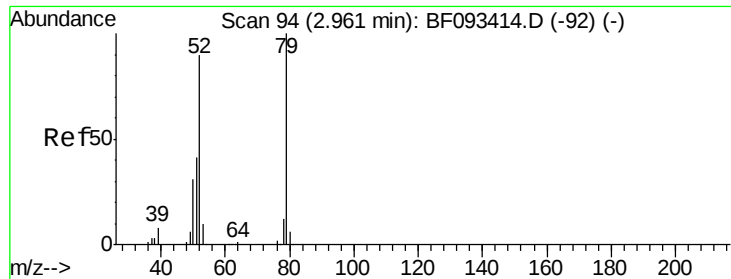
Tot Ion:152 Resp: 529969
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.9 187.3
 115 68.9 46.0 69.0



#2
 1,4-Dioxane
 Concen: 10.42 ng
 RT: 2.33 min Scan# 39
 Delta R.T. 0.06 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion: 88 Resp: 182837
 Ion Ratio Lower Upper
 88 100
 58 90.8 57.8 86.8#
 43 32.1 22.3 33.5





#3

Pvridine

Concen: 11.86 ng

RT: 3.03 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

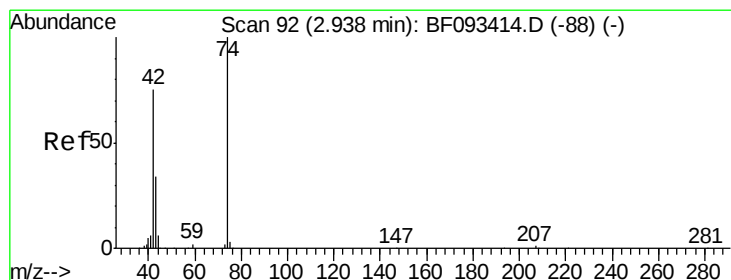
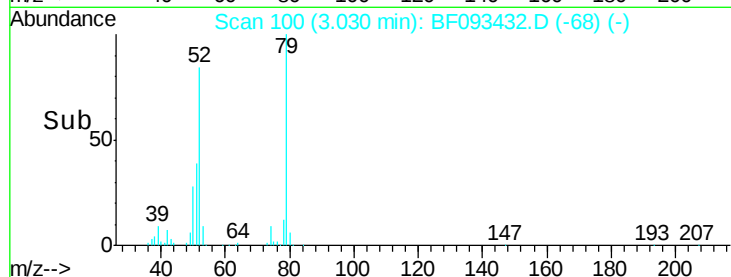
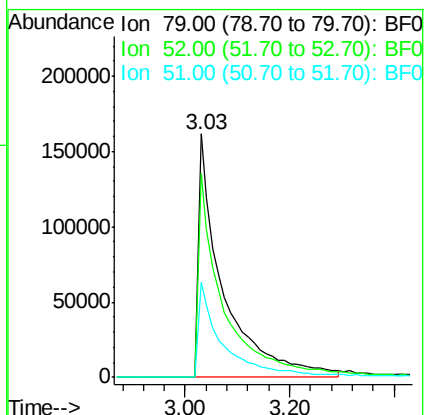
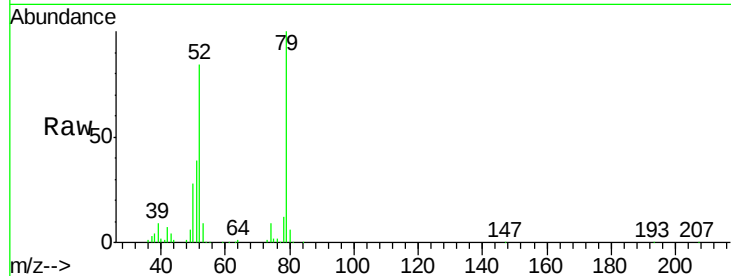
Tot Ion: 79 Resp: 530430

Ion Ratio Lower Upper

79 100

52 83.7 57.1 85.7

51 38.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 12.83 ng

RT: 2.98 min Scan# 96

Delta R.T. 0.05 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

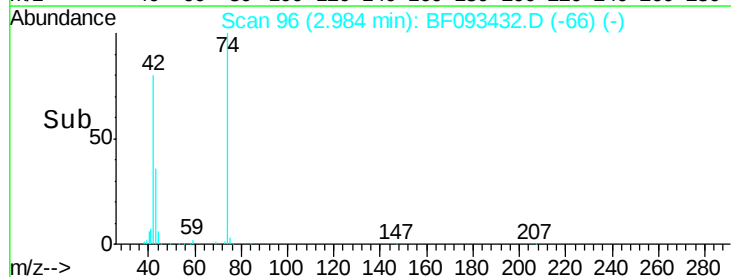
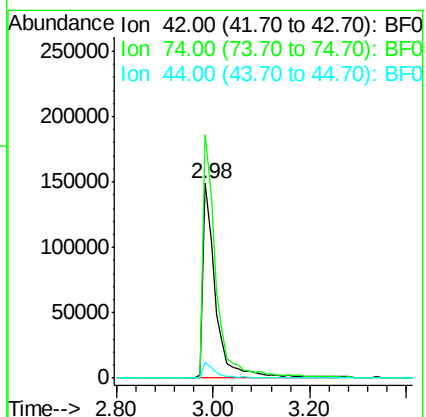
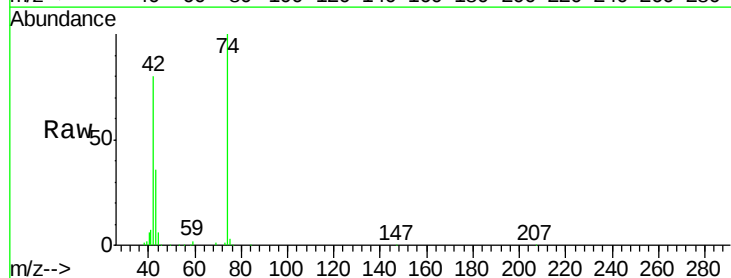
Tgt Ion: 42 Resp: 273948

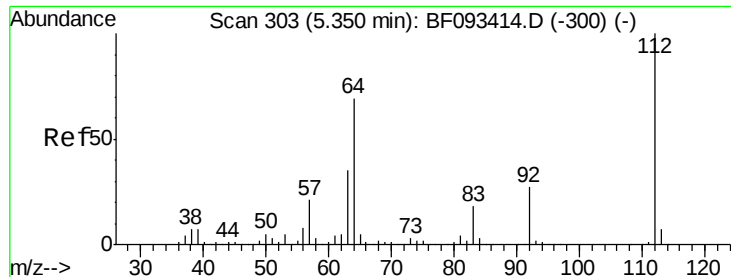
Ion Ratio Lower Upper

42 100

74 125.1 117.0 175.4

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 39.95 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

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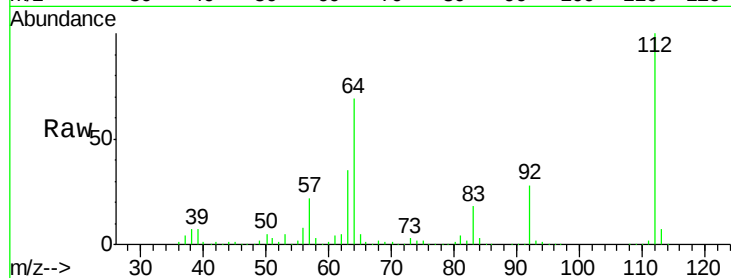
Tot Ion:112 Resp: 1272029

Ion Ratio Lower Upper

112 100

64 68.6 46.1 69.1

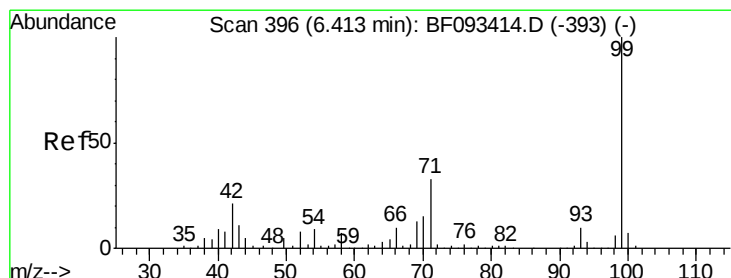
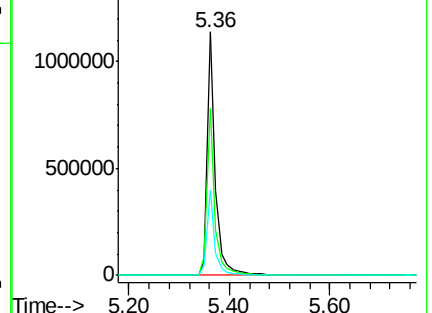
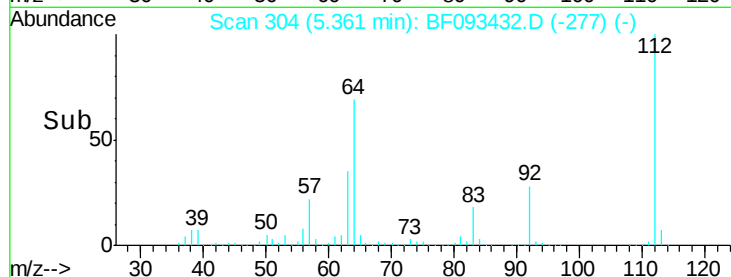
63 35.0 23.8 35.6



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



#7

Phenol-d6

Concen: 43.52 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

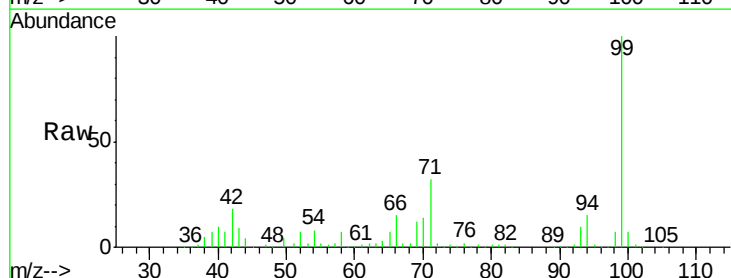
Tgt Ion: 99 Resp: 1747585

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

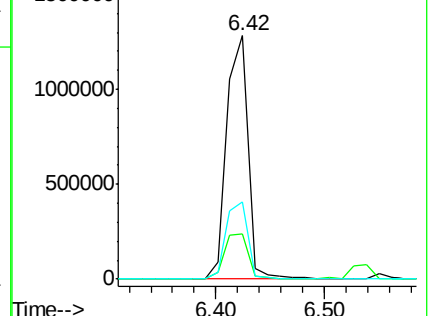
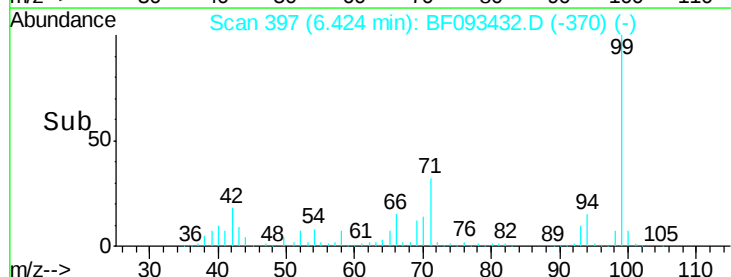
71 31.6 27.5 41.3

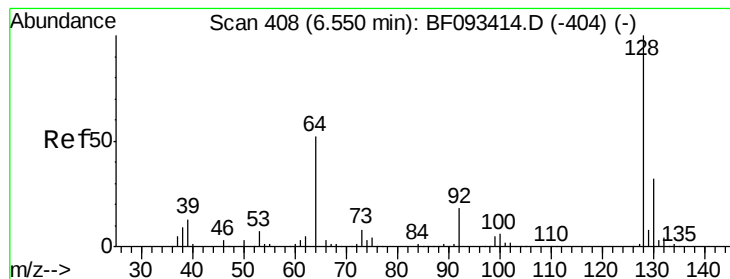


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 13.17 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

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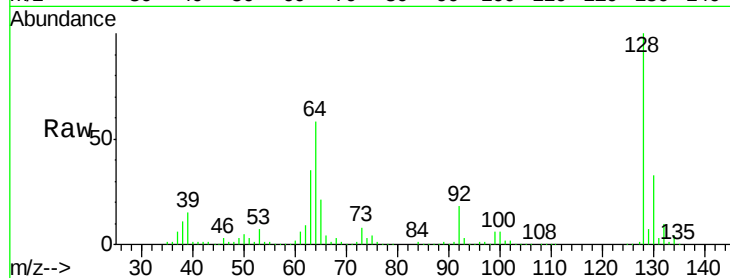
Tot Ion:128 Resp: 469867

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

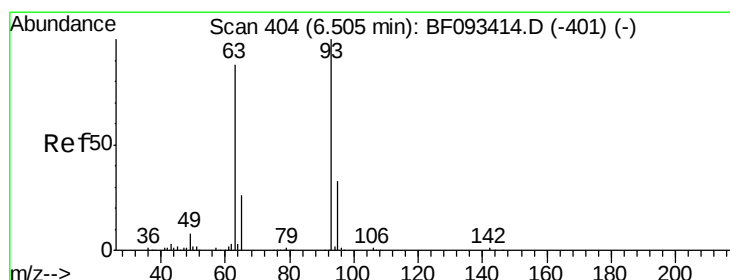
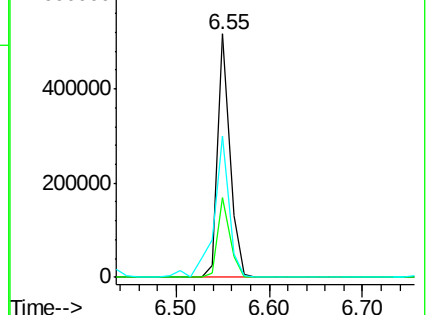
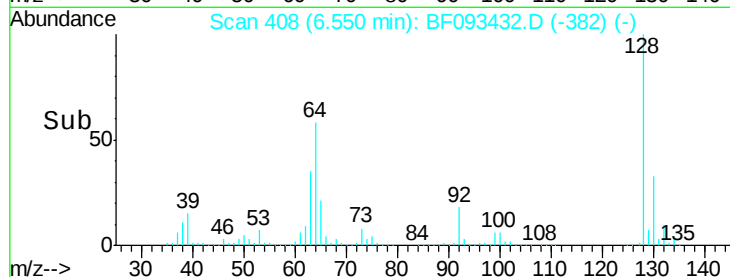
64 57.9 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 12.65 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

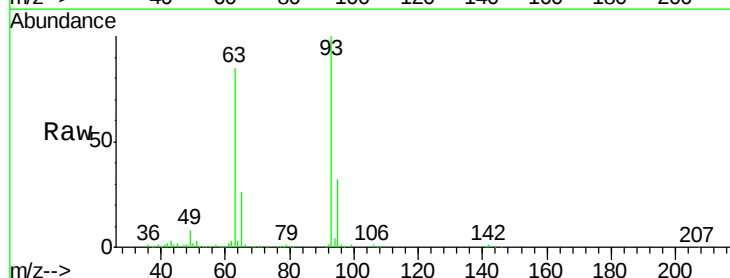
Tgt Ion: 93 Resp: 503061

Ion Ratio Lower Upper

93 100

63 84.9 60.4 100.4

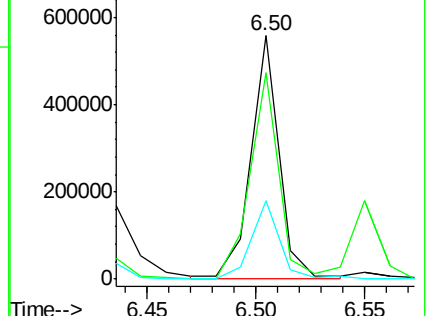
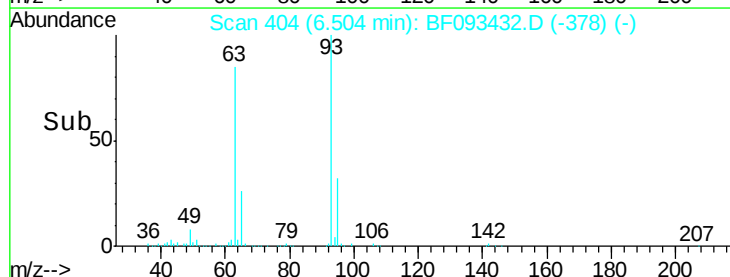
95 32.2 12.8 52.8

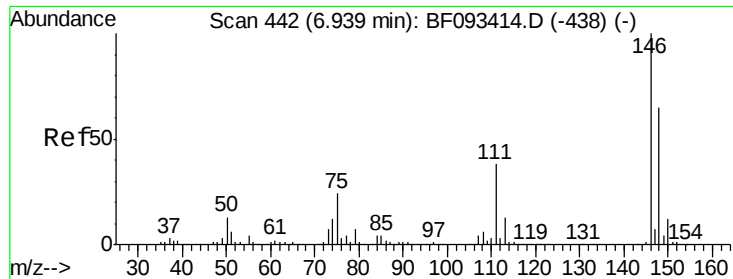


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 11.09 ng

RT: 6.94 min Scan# 442

Delta R.T. 0.24 min

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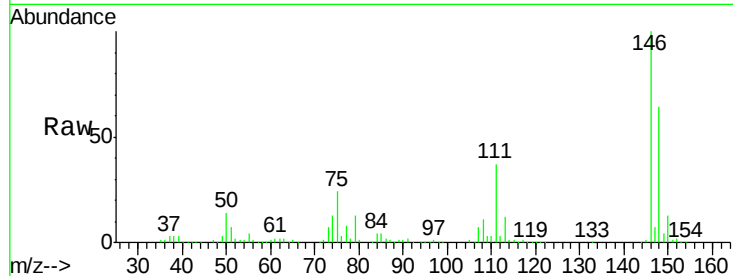
Tot Ion:146 Resp: 452693

Ion Ratio Lower Upper

146 100

148 64.0 53.4 80.0

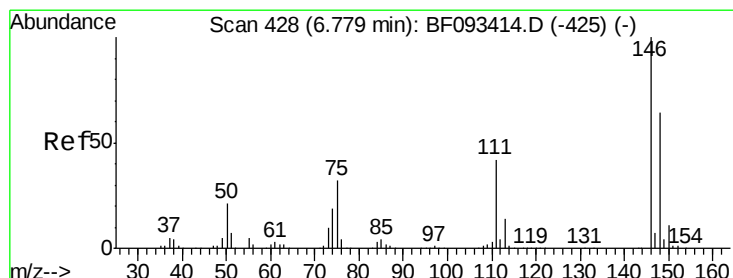
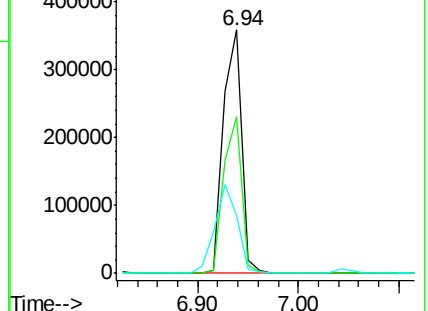
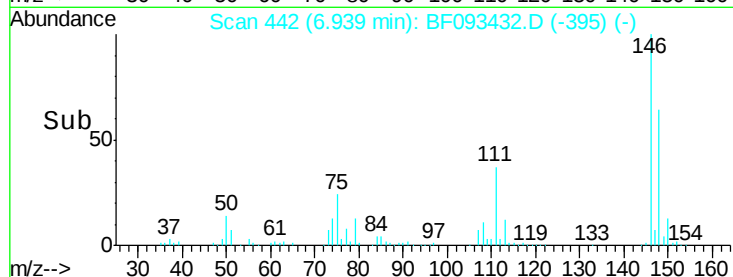
75 23.8 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 10.83 ng

RT: 6.94 min Scan# 442

Delta R.T. 0.16 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

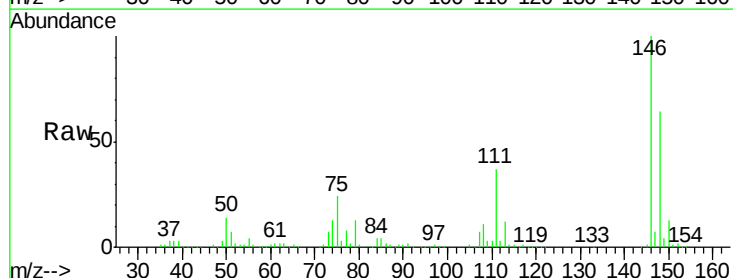
Tgt Ion:146 Resp: 452693

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

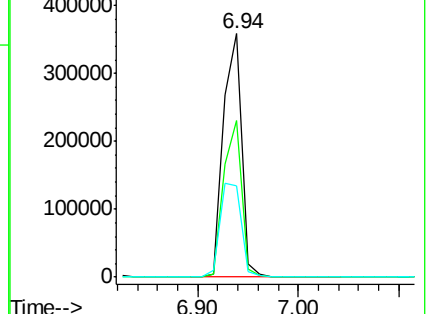
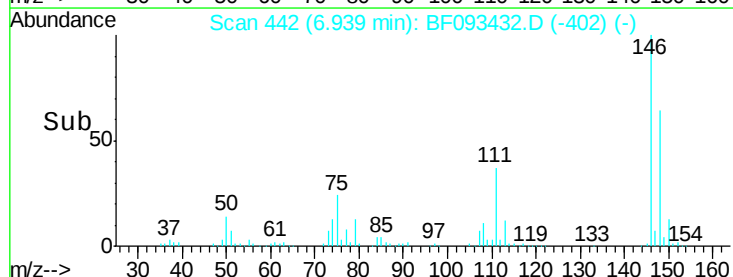
111 37.3 36.2 54.4

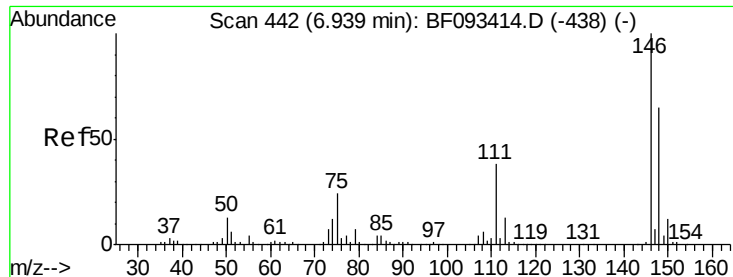


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 12.23 ng

RT: 6.94 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

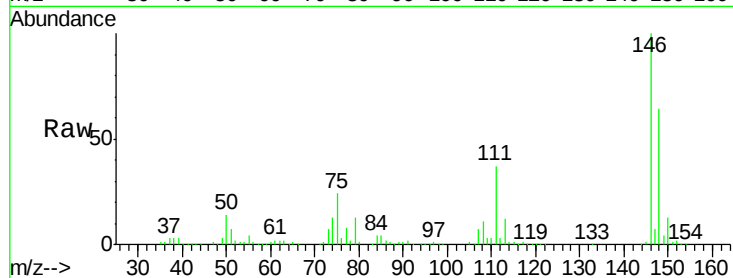
Tot Ion:146 Resp: 452693

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

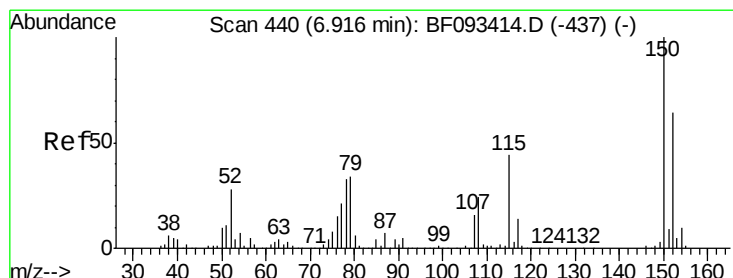
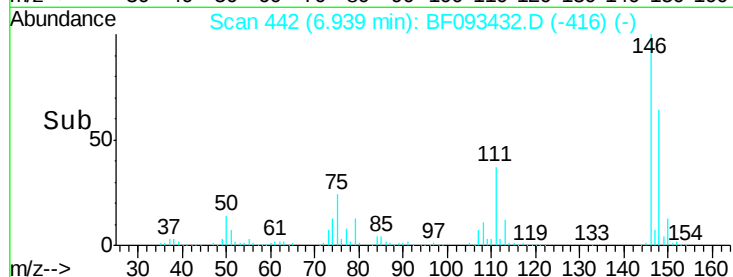
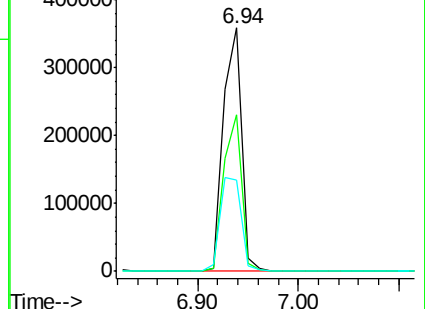
111 37.3 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 13.31 ng

RT: 6.93 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

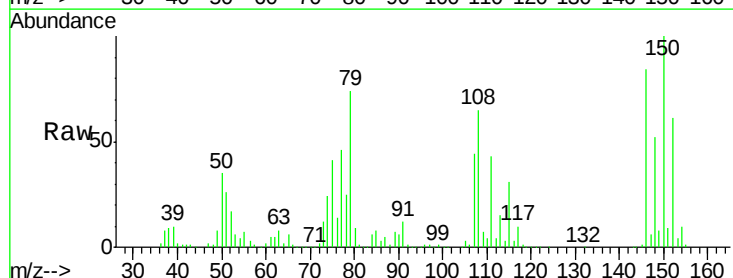
Tgt Ion: 79 Resp: 380859

Ion Ratio Lower Upper

79 100

108 86.9 61.4 92.0

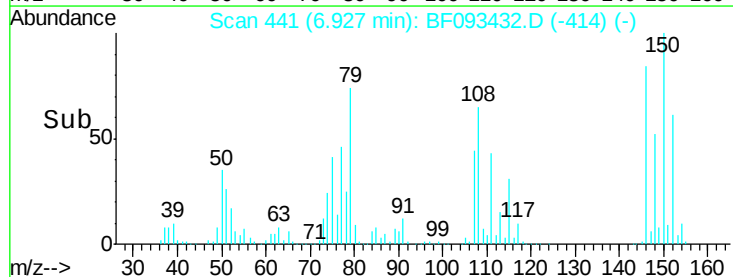
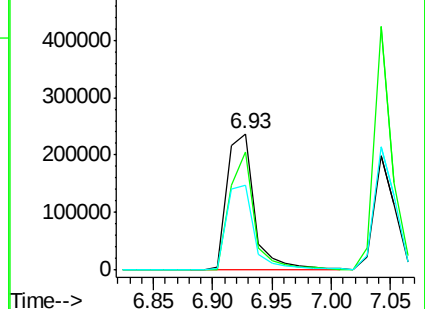
77 62.0 50.9 76.3

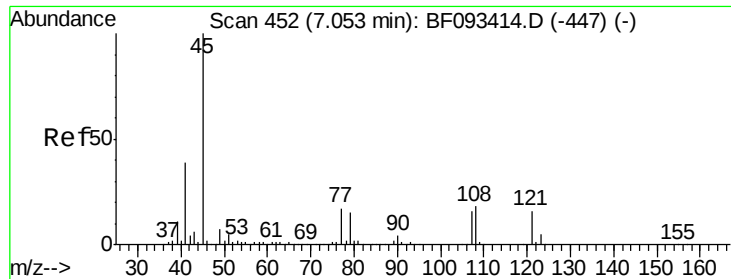


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

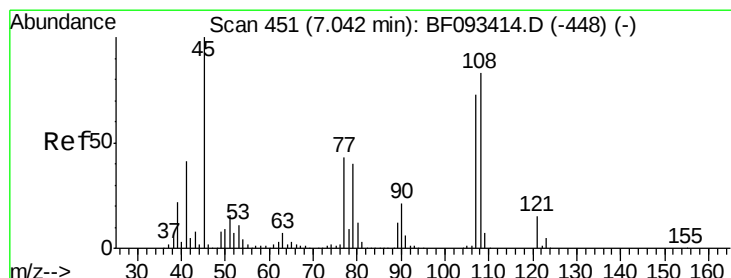
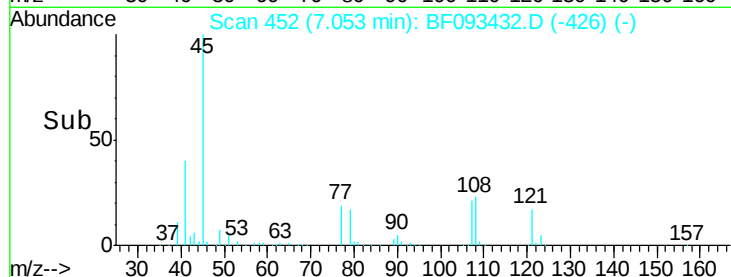
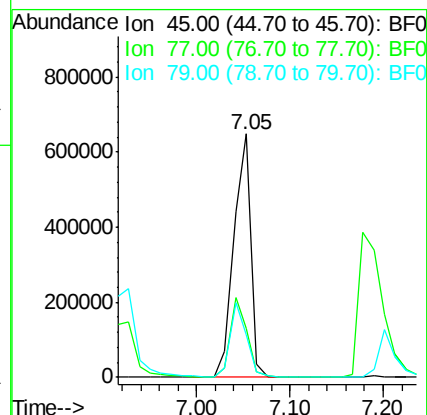
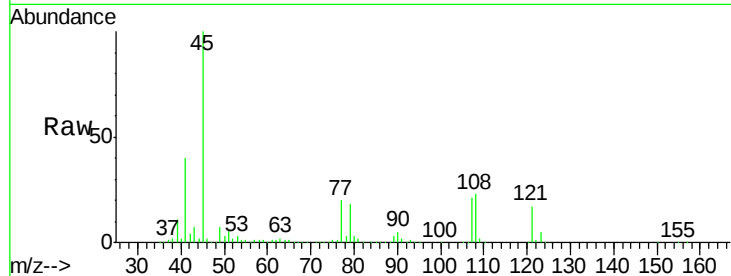




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 12.46 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

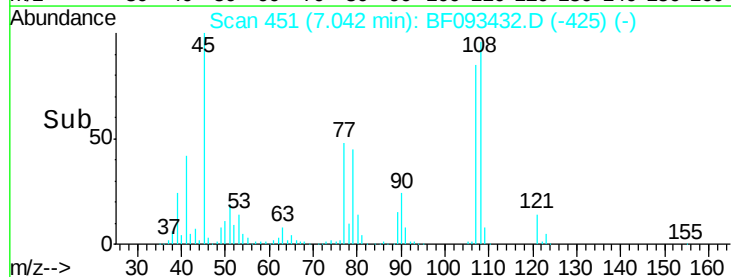
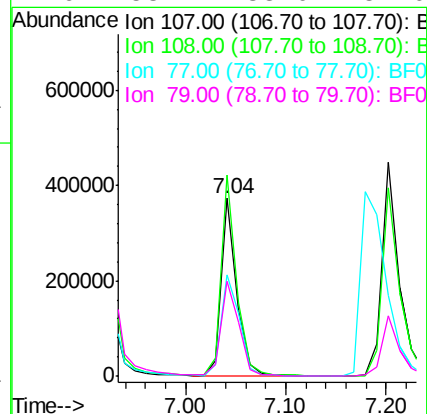
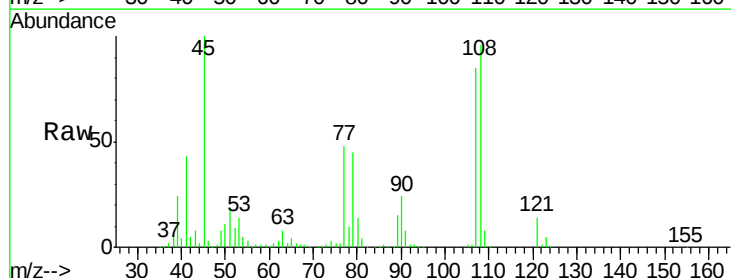
Instrument :
BNA_F
ClientSampleId :
PB97430BS

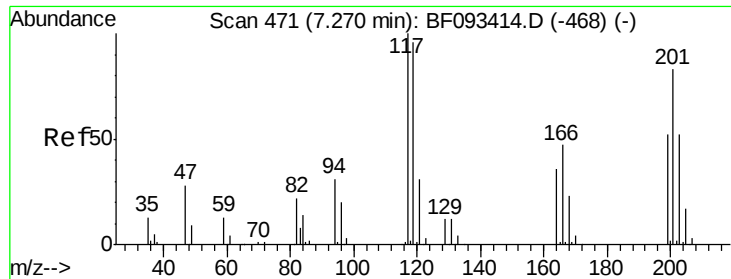
Tot Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	34.6
79	17.6	0.0	31.2



#17
2-Methylphenol
Concen: 13.09 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.7	93.0	139.6
77	57.3	39.8	59.8
79	53.4	38.0	57.0

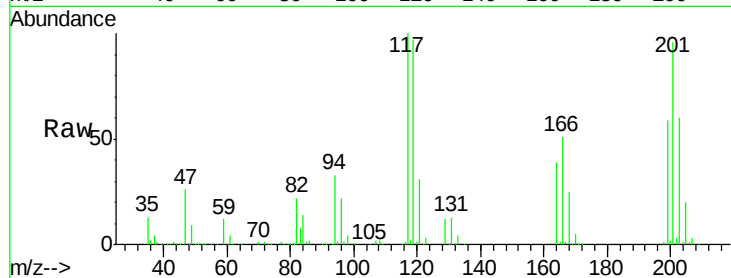




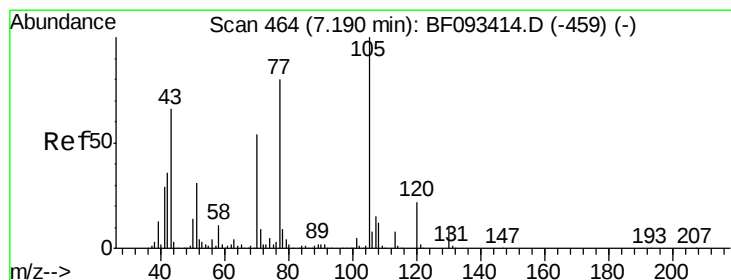
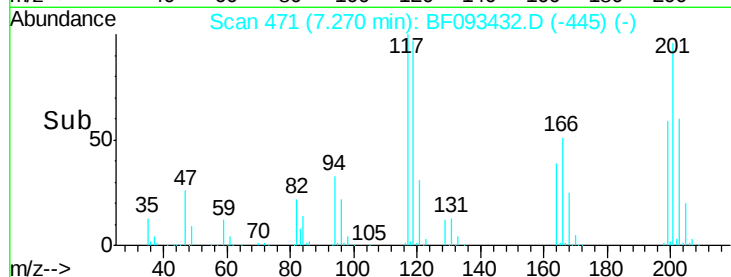
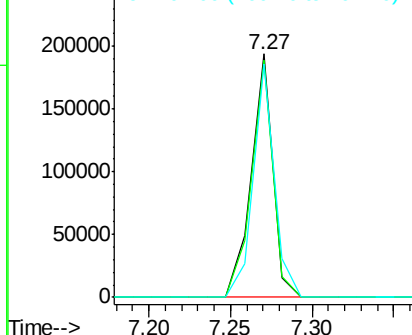
#18
Hexachloroethane
Concen: 12.60 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion:117 Resp: 177613
Ion Ratio Lower Upper
117 100
119 97.5 78.1 117.1
201 95.7 78.6 117.8

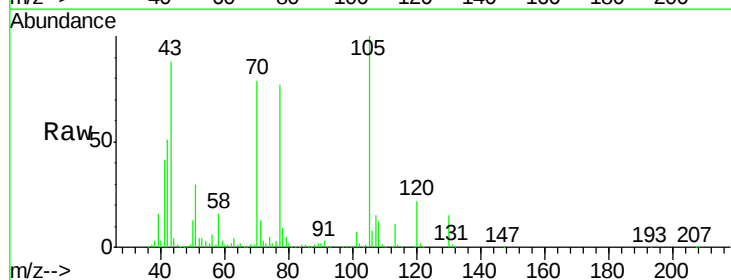


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

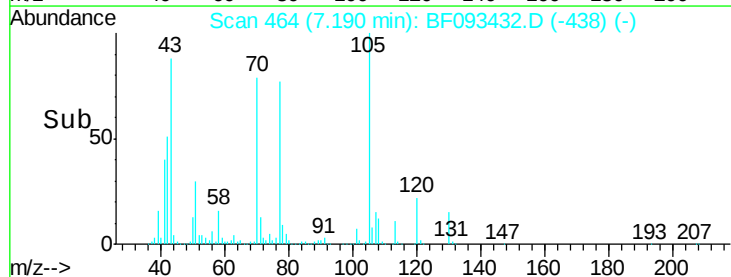
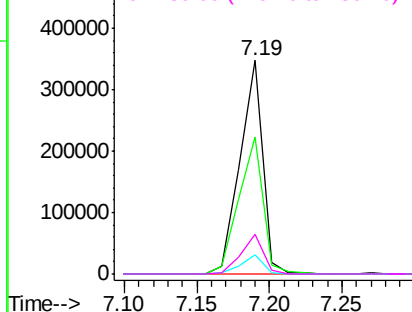


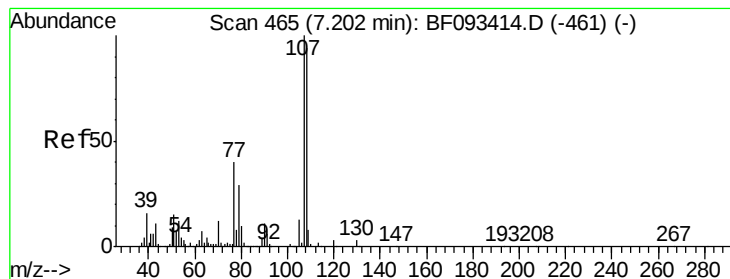
#19
n-Nitroso-di-n-propylamine
Concen: 13.71 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion: 70 Resp: 378486
Ion Ratio Lower Upper
70 100
42 64.2 49.4 74.0
101 9.3 7.4 11.2
130 18.8 14.2 21.4



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 13.97 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

Tot Ion:107 Resp: 546676

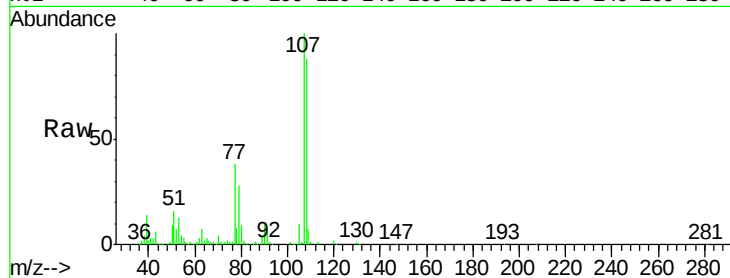
Ion Ratio Lower Upper

107 100

108 88.4 73.0 113.0

77 37.7 71.3 111.3#

79 28.0 11.1 51.1

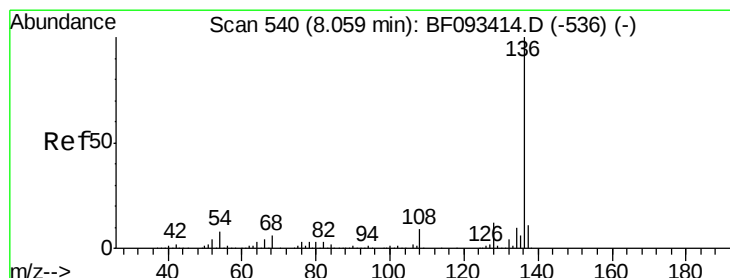
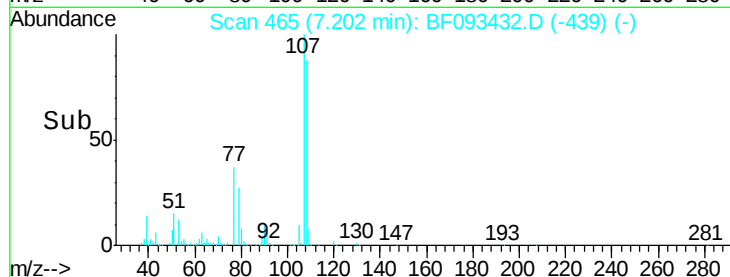
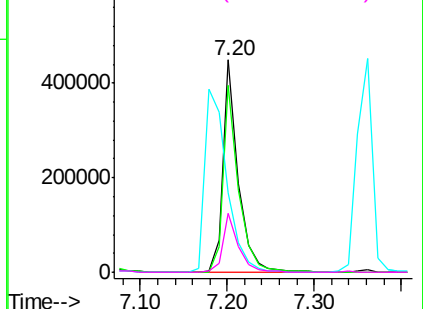


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Tgt Ion:136 Resp: 766439

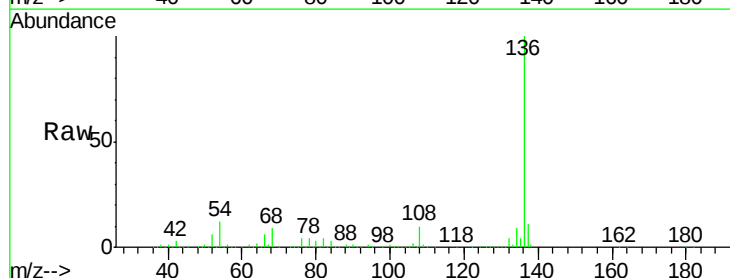
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 12.0 4.5 6.7#

68 8.7 3.6 5.4#

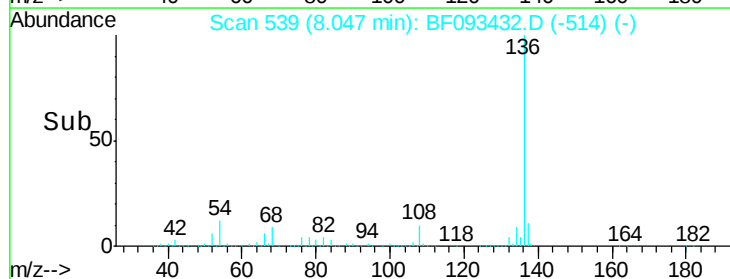
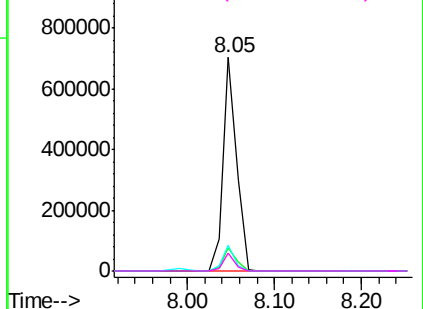


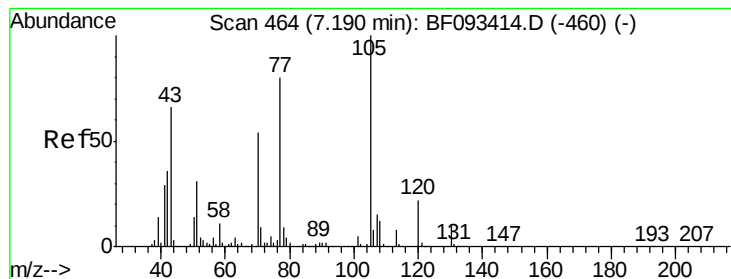
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 35.57 ng

RT: 7.18 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

Tot Ion:105 Resp: 656112

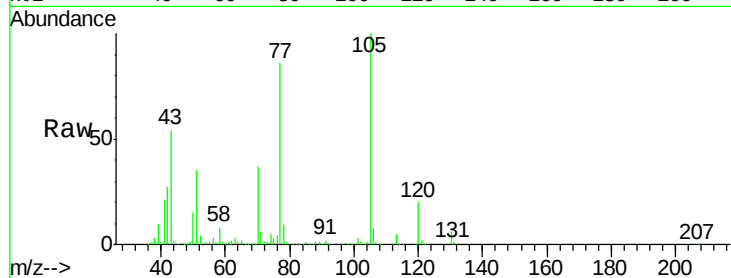
Ion Ratio Lower Upper

105 100

71 6.1 3.2 4.8#

51 35.4 26.2 39.4

120 20.5 16.6 24.8

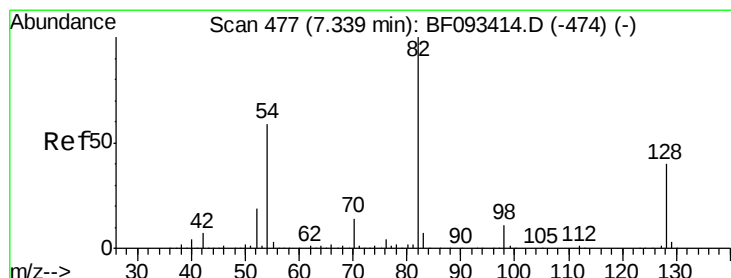
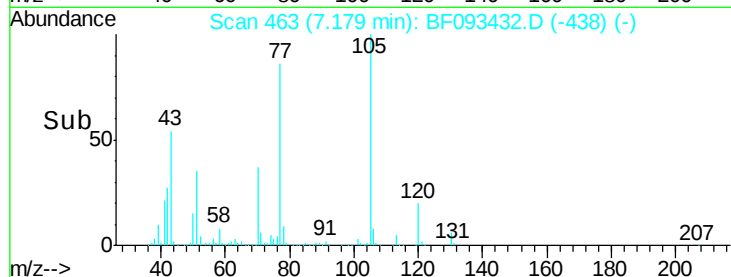
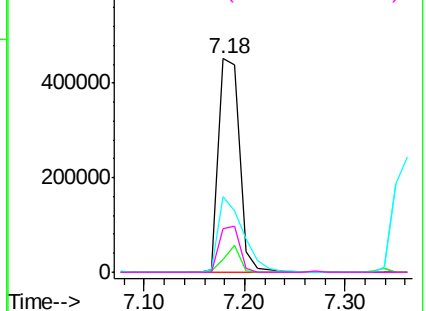


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 76.65 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

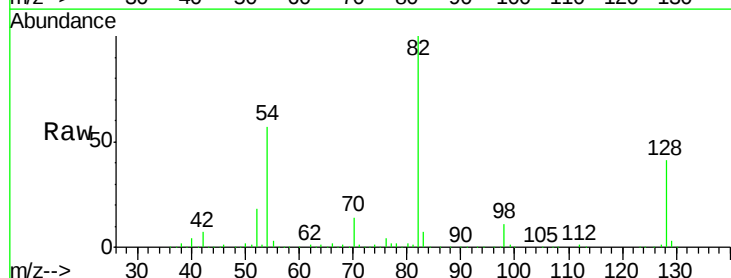
Tgt Ion: 82 Resp: 1058821

Ion Ratio Lower Upper

82 100

128 41.1 34.6 52.0

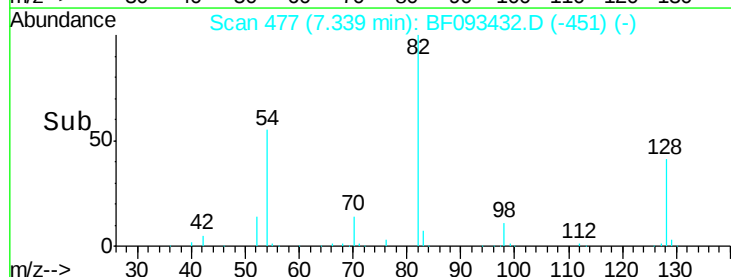
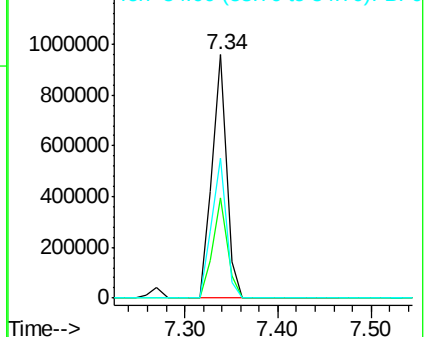
54 57.3 39.5 59.3

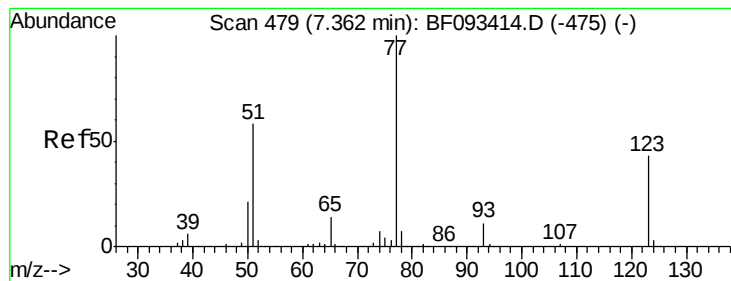


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 35.21 ng

RT: 7.36 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

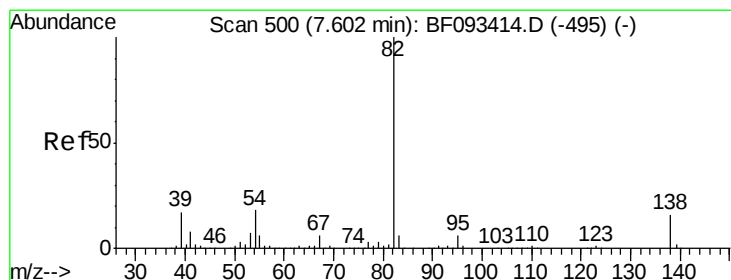
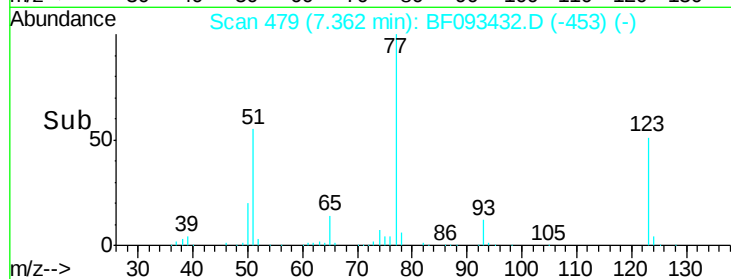
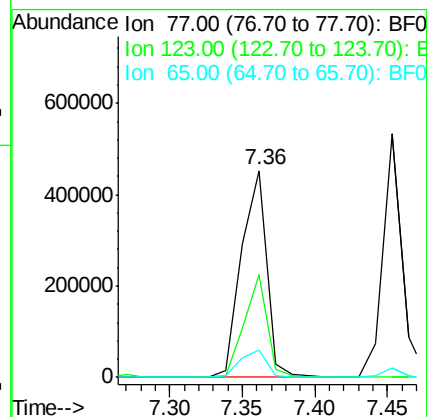
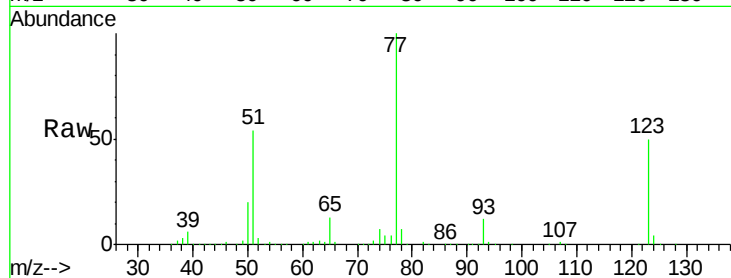
Tot Ion: 77 Resp: 546624

Ion Ratio Lower Upper

77 100

123 50.0 33.0 49.4#

65 13.4 11.2 16.8



#25

Isophorone

Concen: 35.54 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

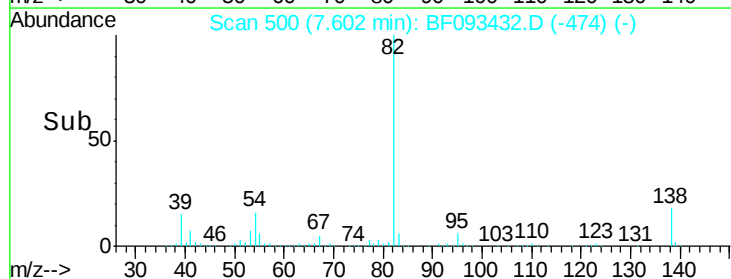
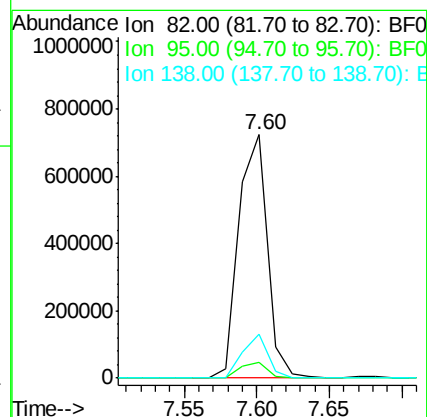
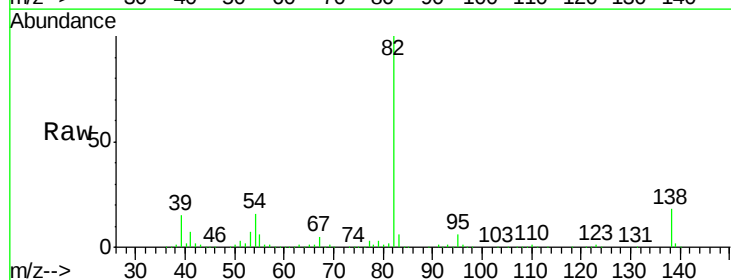
Tgt Ion: 82 Resp: 990088

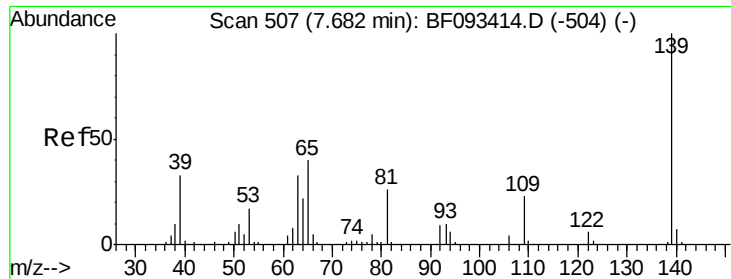
Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.8 14.6 22.0

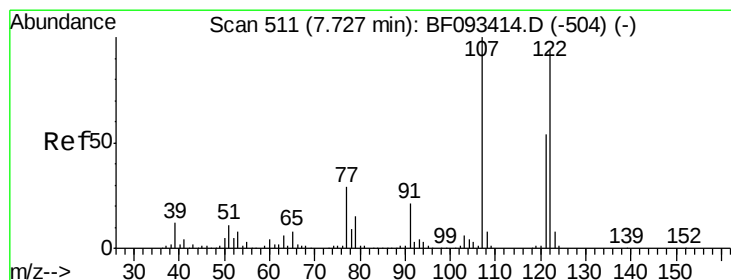
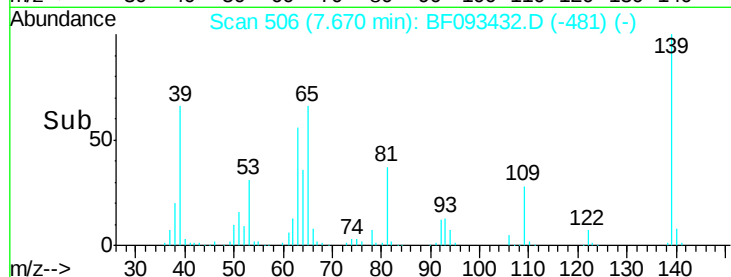
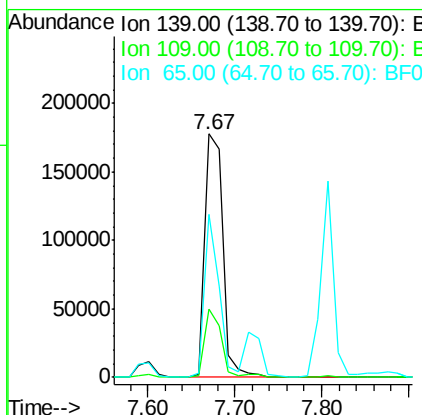
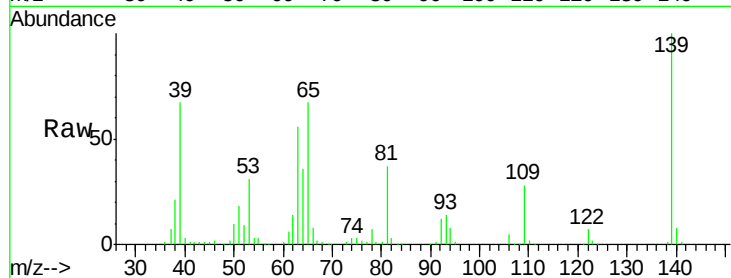




#26
2-Nitrophenol
Concen: 36.31 ng
RT: 7.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

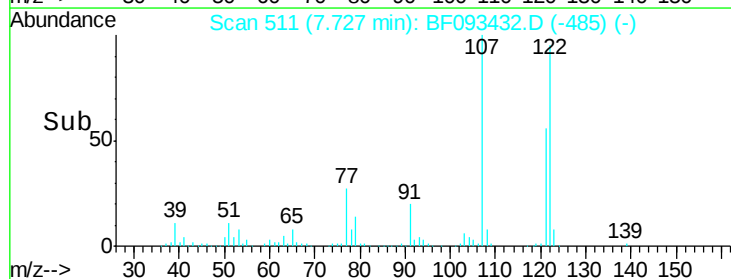
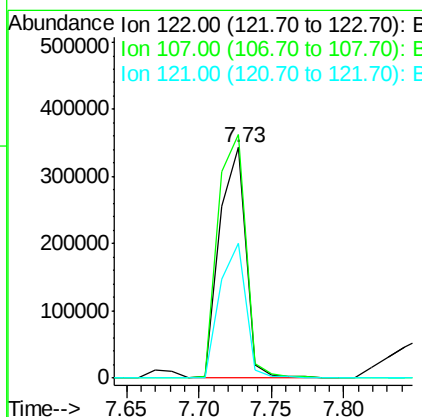
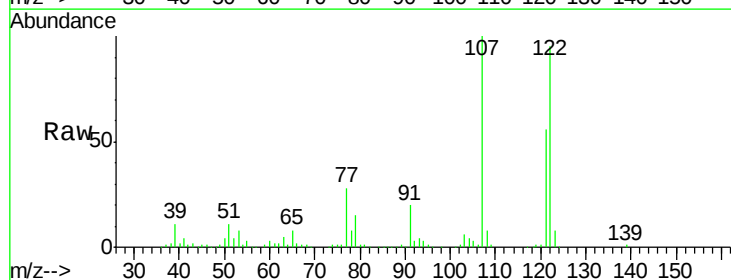
Instrument :
BNA_F
ClientSampleId :
PB97430BS

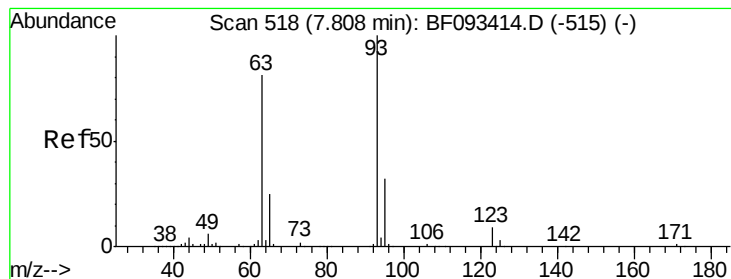
Tot Ion:139 Resp: 257209
Ion Ratio Lower Upper
139 100
109 27.9 23.3 34.9
65 66.9 42.7 64.1#



#27
2,4-Dimethylphenol
Concen: 37.21 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:122 Resp: 428818
Ion Ratio Lower Upper
122 100
107 105.7 94.1 141.1
121 58.7 46.0 69.0





#28

bis(2-Chloroethoxy)methane

Concen: 35.67 ng

RT: 7.81 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

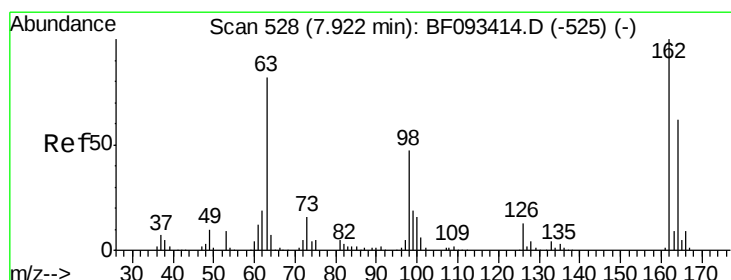
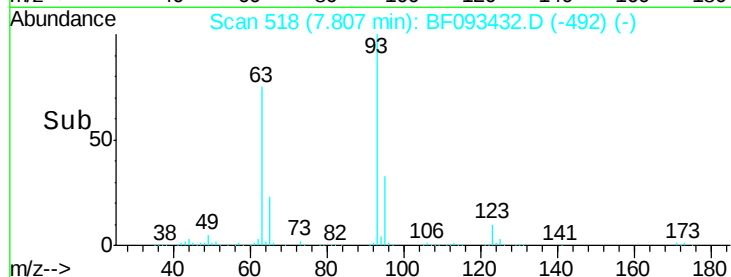
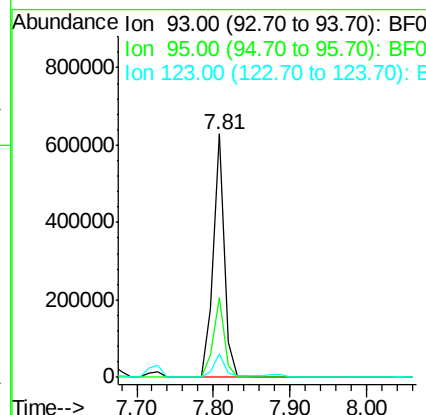
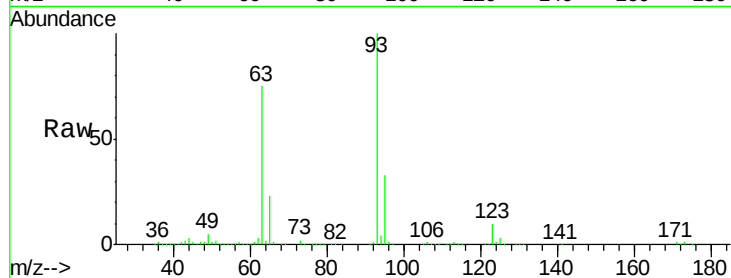
Tot Ion: 93 Resp: 627255

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

123 9.7 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 39.05 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

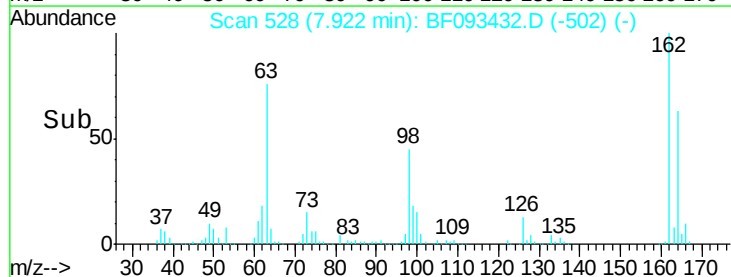
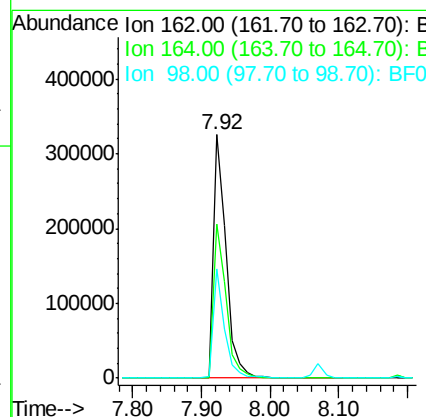
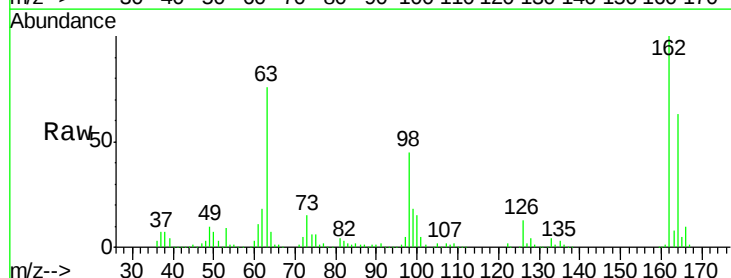
Tgt Ion: 162 Resp: 423329

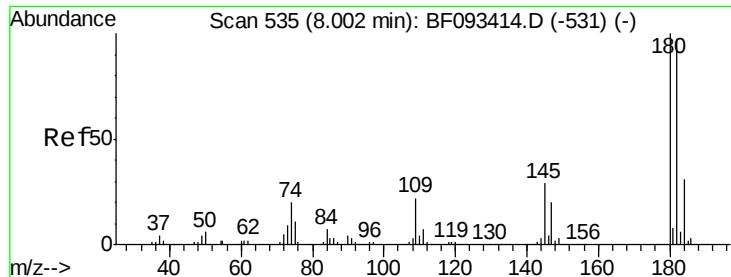
Ion Ratio Lower Upper

162 100

164 63.2 46.8 86.8

98 45.0 9.1 49.1

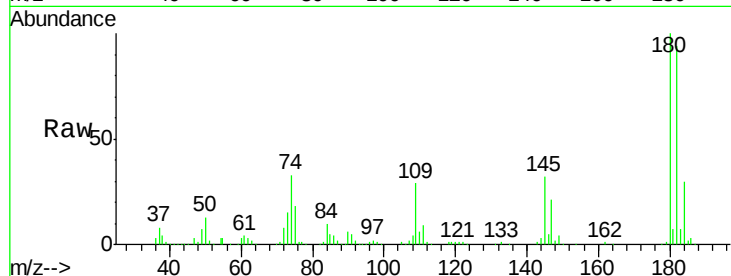




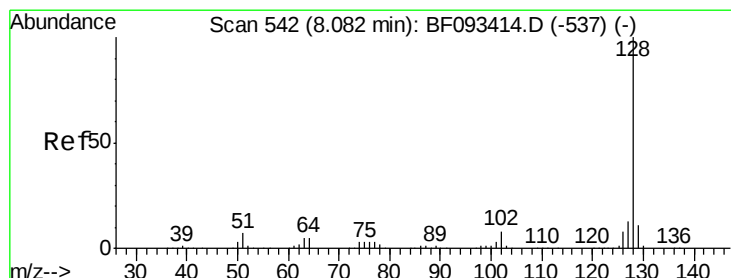
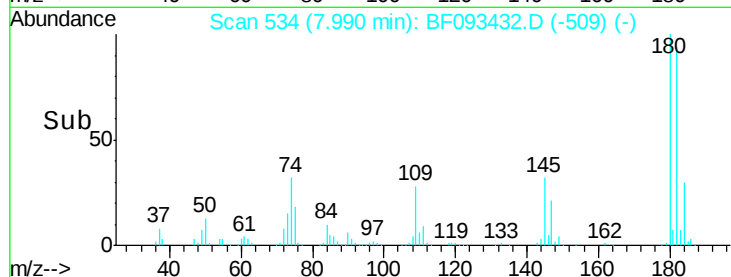
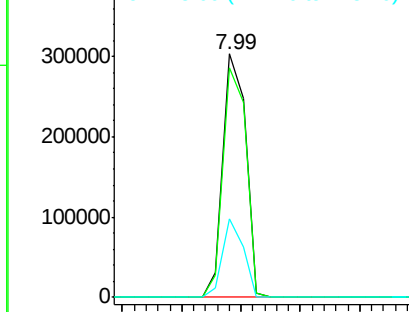
#30
 1,2,4-Trichlorobenzene
 Concen: 35.08 ng
 RT: 7.99 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion:180 Resp: 404417
 Ion Ratio Lower Upper
 180 100
 182 94.1 78.2 117.4
 145 32.4 21.6 32.4#

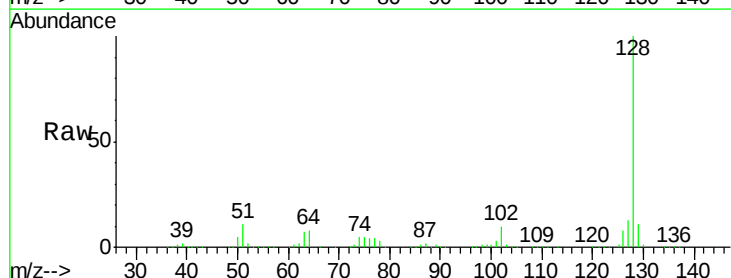


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

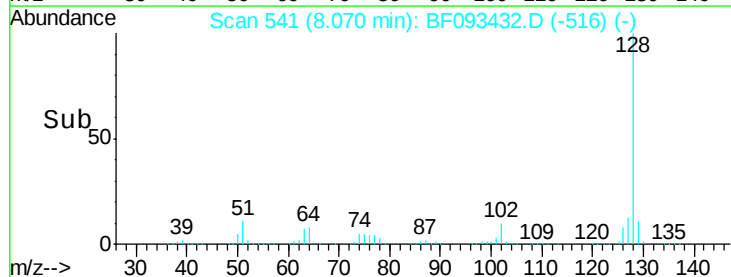
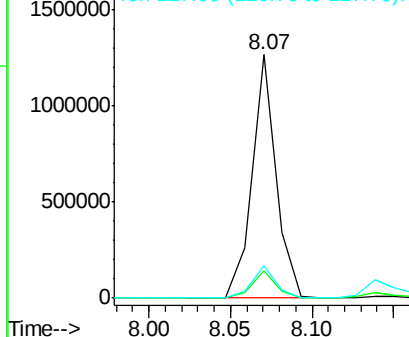


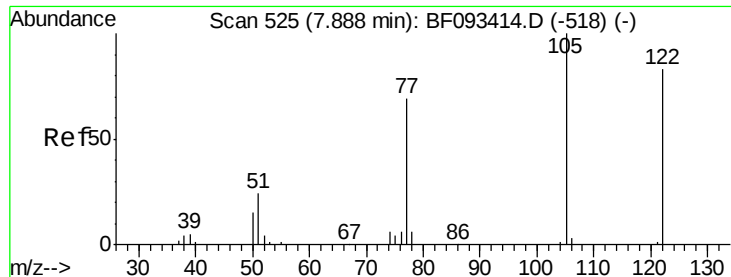
#31
 Naphthalene
 Concen: 33.66 ng
 RT: 8.07 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion:128 Resp: 1292831
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.5 14.3
 127 13.2 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

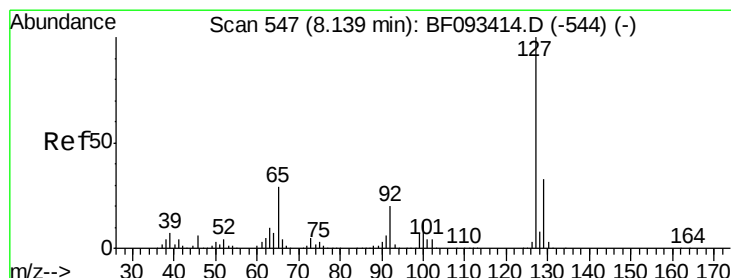
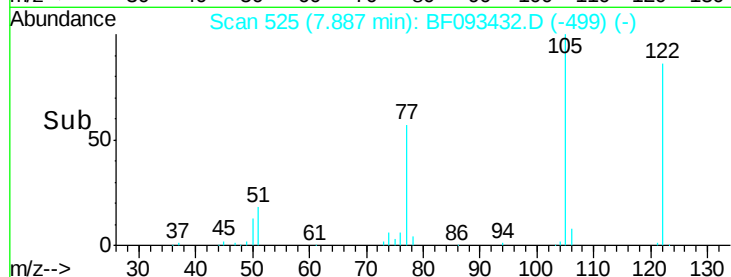
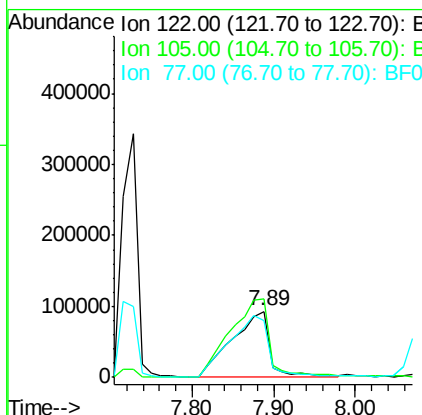
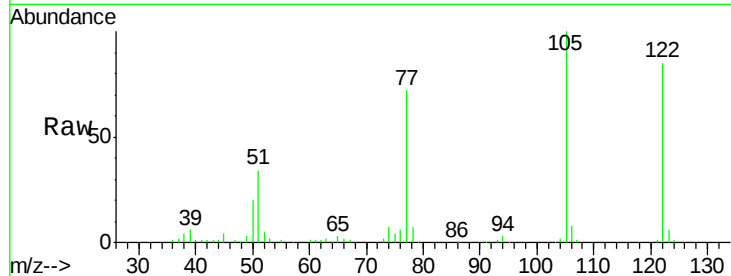




#32
Benzoic acid
Concen: 49.09 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

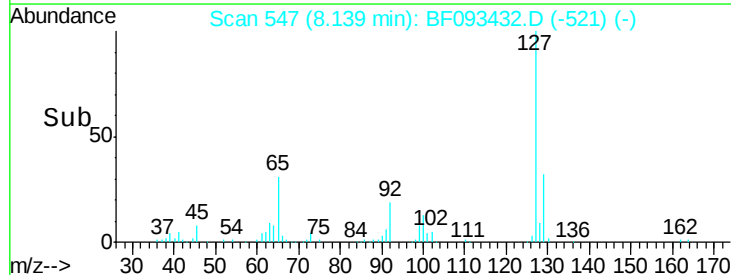
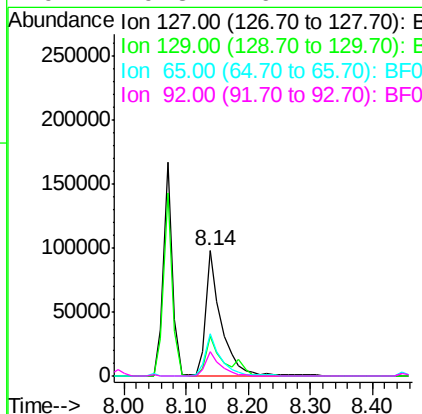
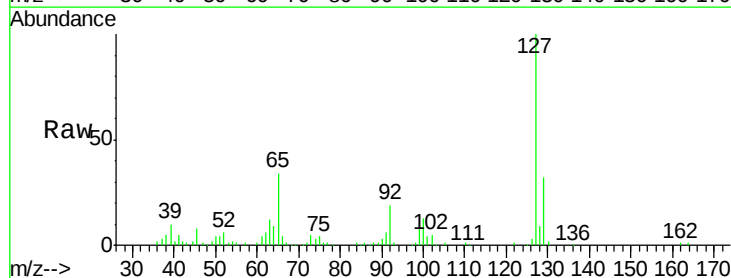
Instrument :
BNA_F
ClientSampleId :
PB97430BS

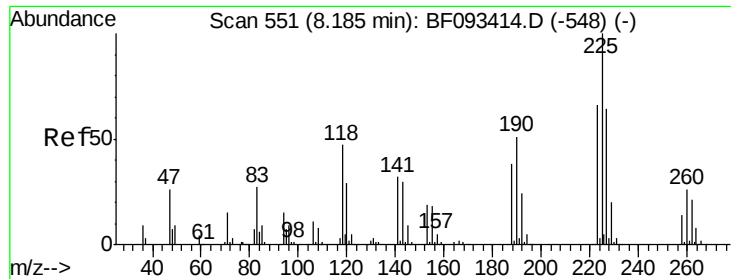
Tot Ion:122 Resp: 293916
Ion Ratio Lower Upper
122 100
105 117.7 107.2 147.2
77 84.9 74.5 114.5



#33
4-Chloroaniline
Concen: 10.97 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:127 Resp: 170974
Ion Ratio Lower Upper
127 100
129 32.0 26.3 39.5
65 33.5 25.8 38.8
92 19.3 16.1 24.1

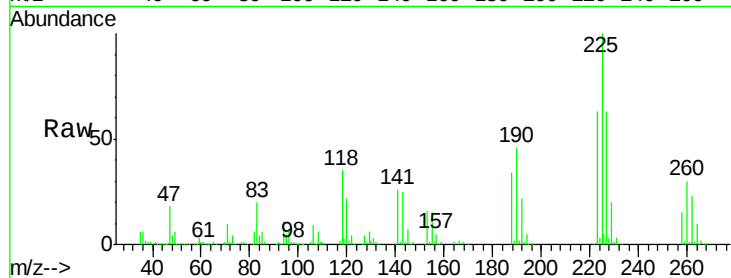




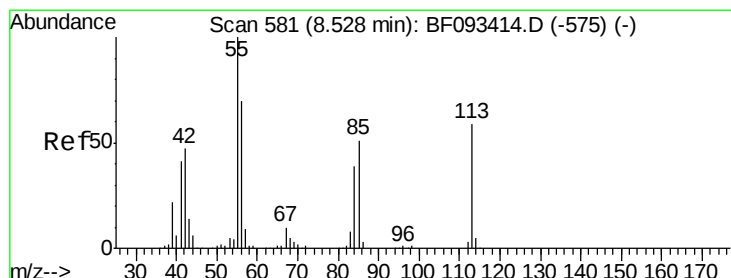
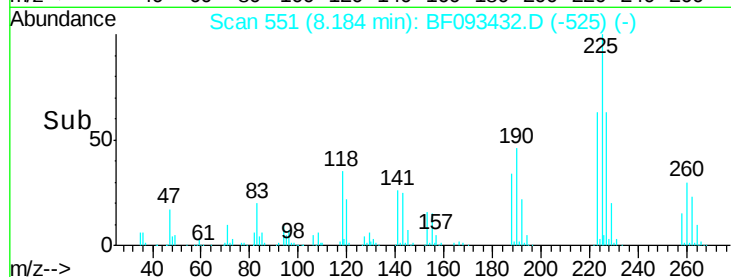
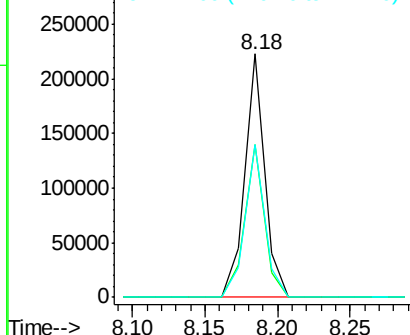
#34
Hexachlorobutadiene
Concen: 35.67 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion:225 Resp: 211818
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.6
227 62.7 50.6 76.0

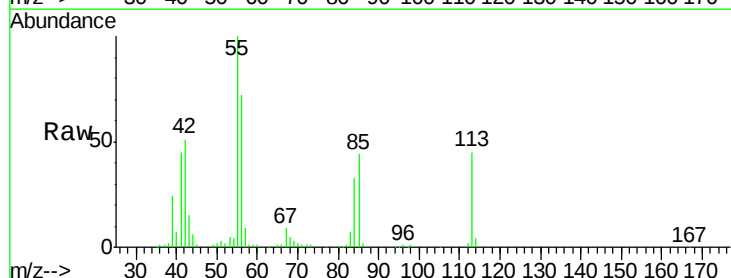


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

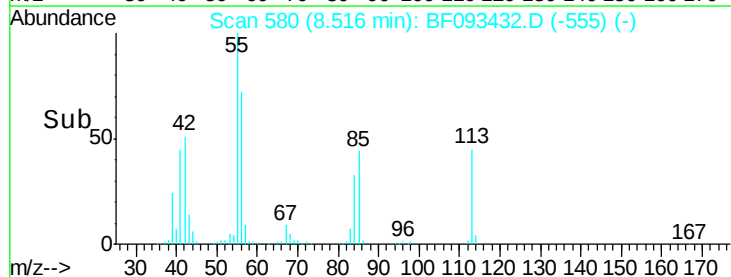
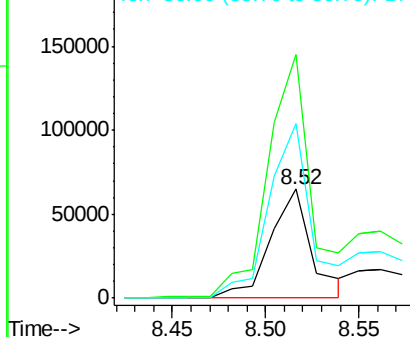


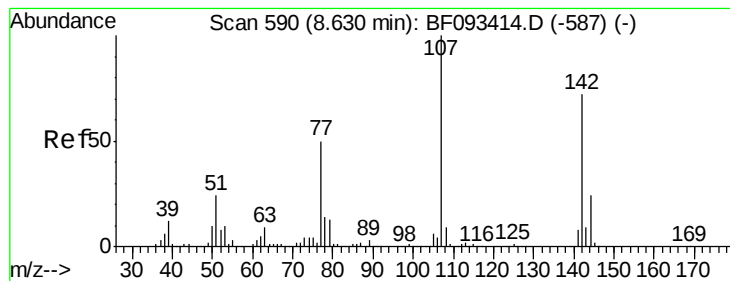
#35
Caprolactam
Concen: 26.86 ng
RT: 8.52 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:113 Resp: 99446
Ion Ratio Lower Upper
113 100
55 223.5 119.2 159.2#
56 160.5 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: 38.02 ng

RT: 8.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

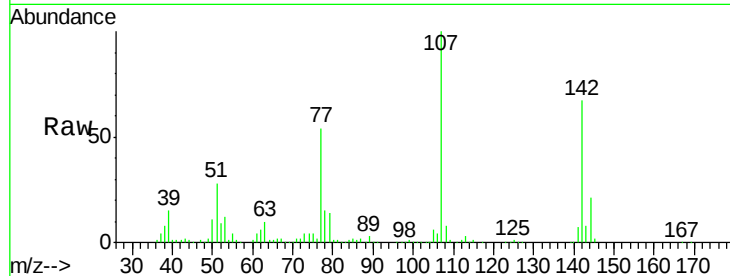
Tot Ion:107 Resp: 439959

Ion Ratio Lower Upper

107 100

144 21.2 19.3 28.9

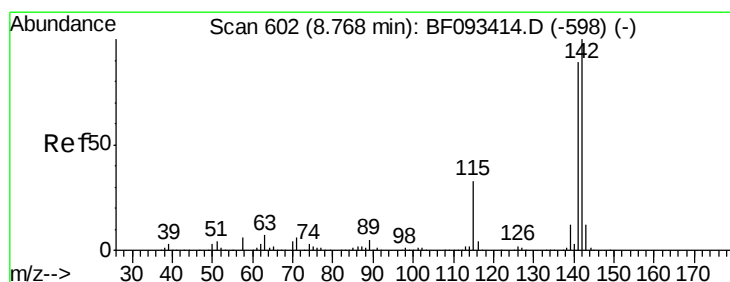
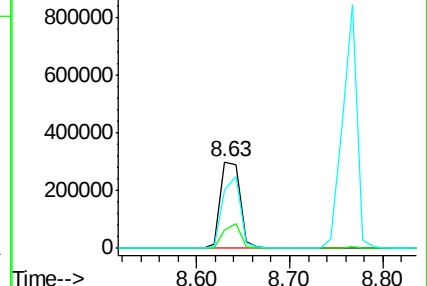
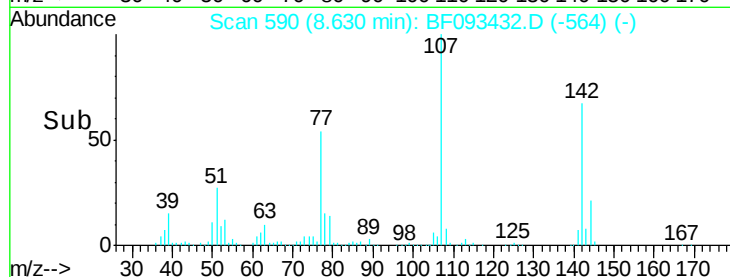
142 66.6 59.0 88.6



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: 37.80 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

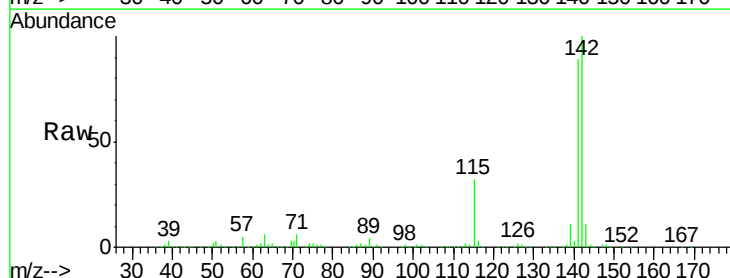
Tgt Ion:142 Resp: 923745

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.6

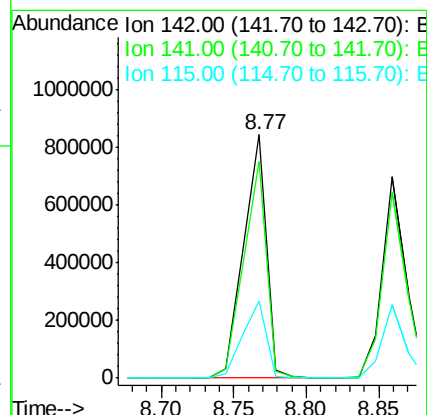
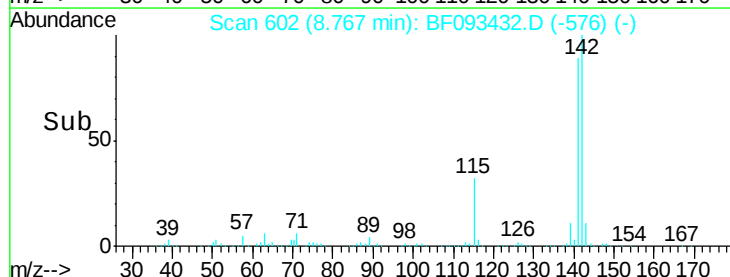
115 31.8 28.3 42.5

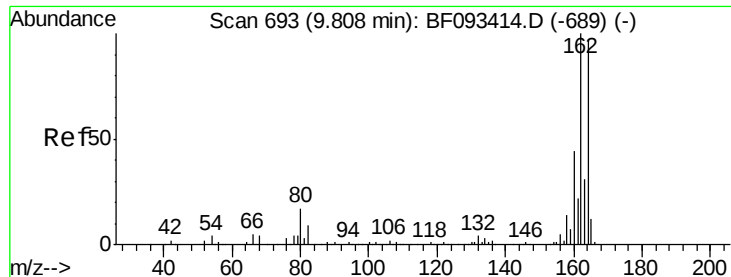


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

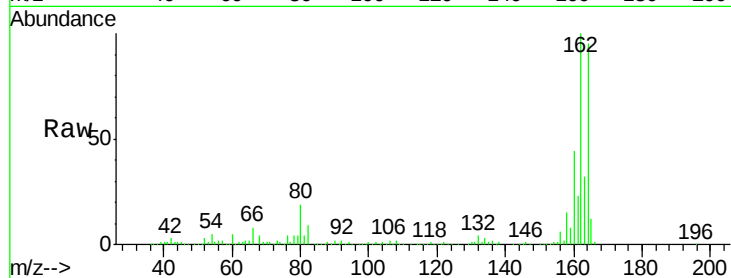
Tot Ion:164 Resp: 382551

Ion Ratio Lower Upper

164 100

162 104.9 80.2 120.2

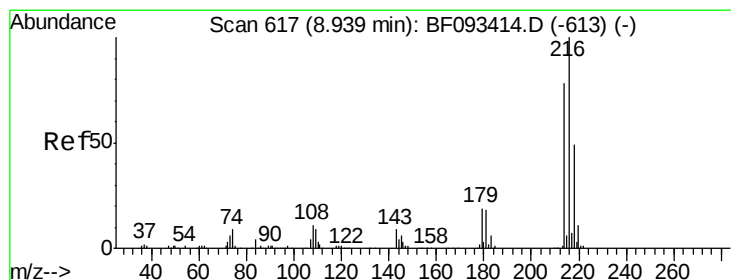
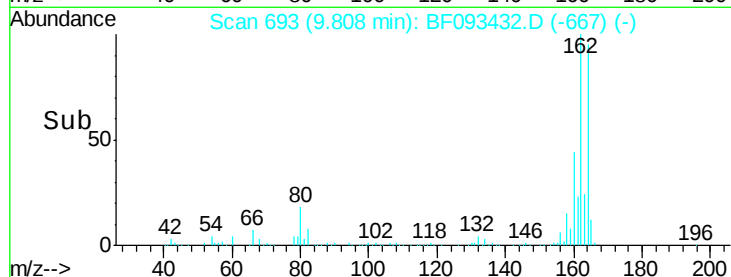
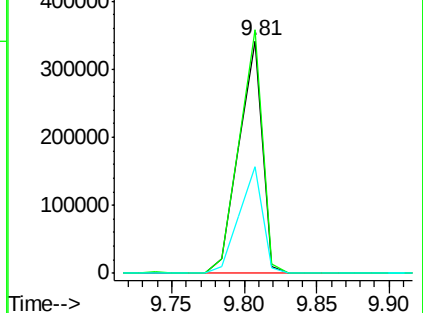
160 45.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.43 ng

RT: 8.93 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Tgt Ion:216 Resp: 380536

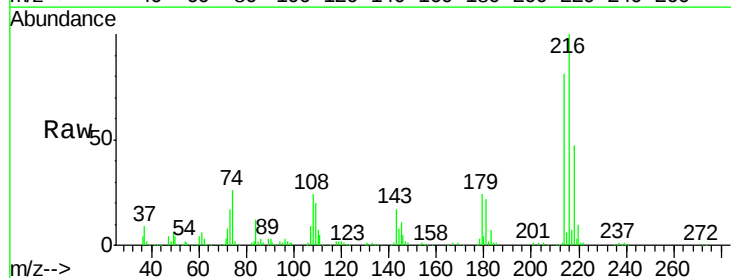
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 20.8 17.4 26.2

108 21.4 15.6 23.4

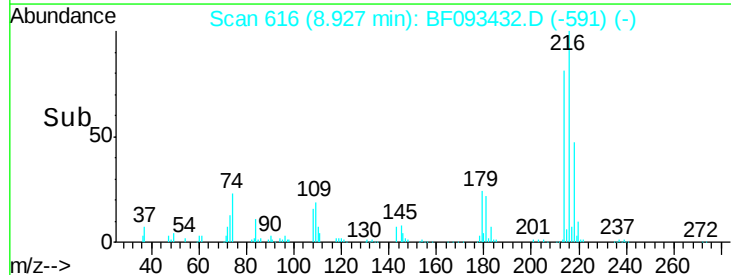
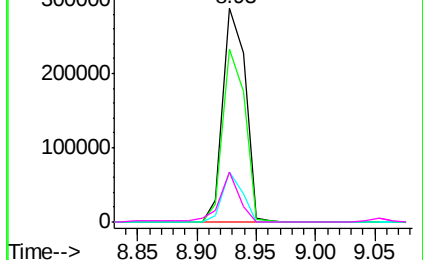


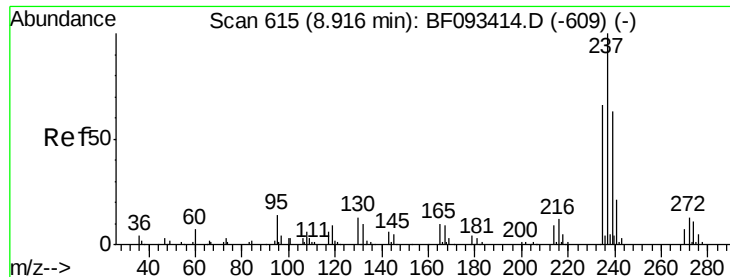
Abundance Ion 216.00 (215.70 to 216.70): E

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

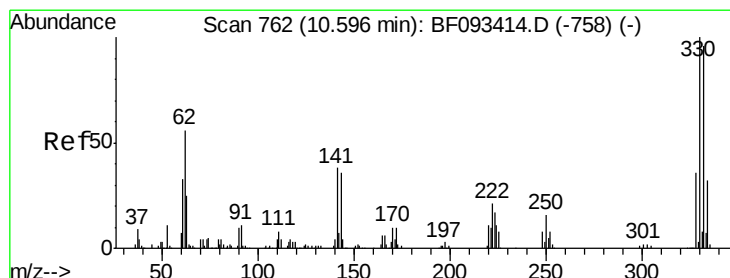
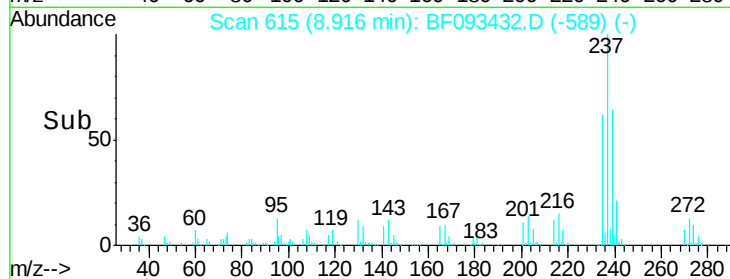
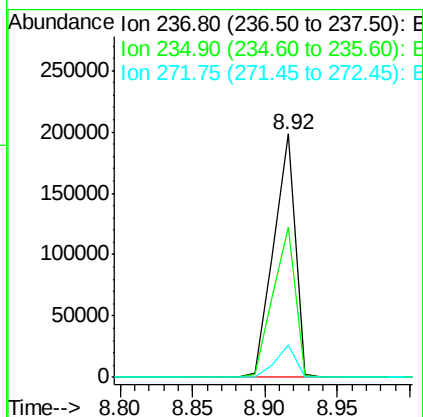
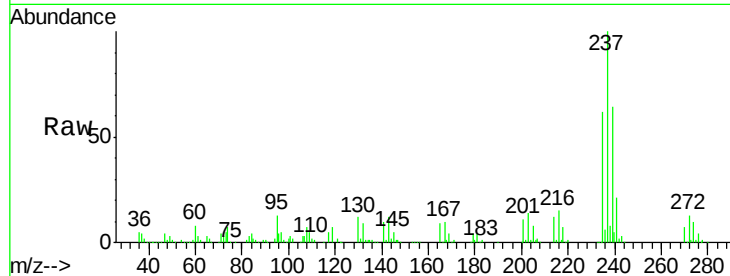




#40
Hexachlorocyclopentadiene
Concen: 78.66 ng
RT: 8.92 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

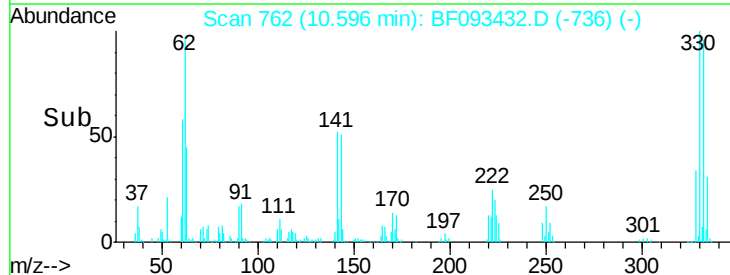
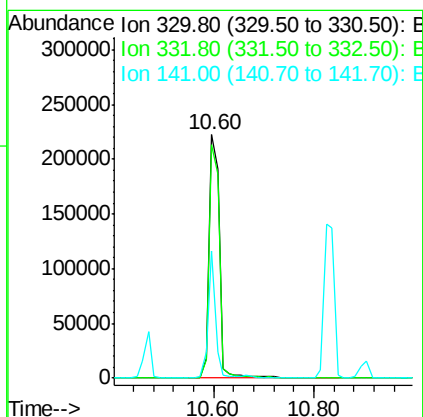
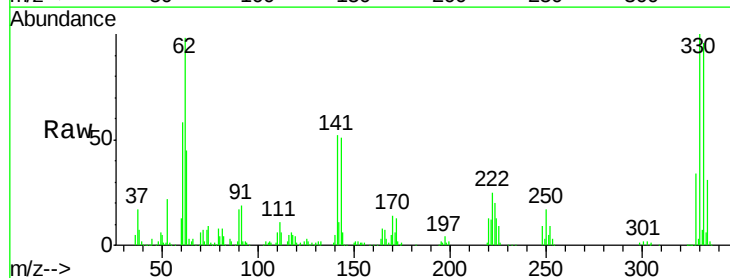
Instrument :
BNA_F
ClientSampleId :
PB97430BS

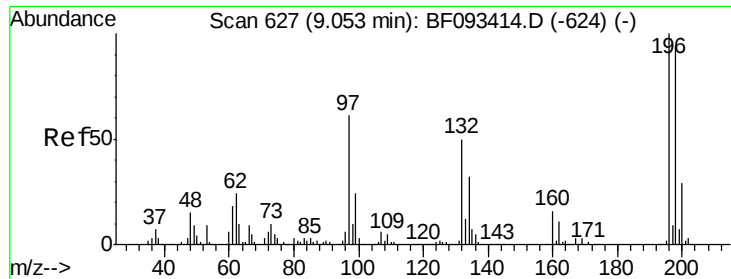
Tot Ion:237 Resp: 206719
Ion Ratio Lower Upper
237 100
235 61.6 41.2 81.2
272 13.3 0.0 35.4



#41
2,4,6-Tribromophenol
Concen: 128.51 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:330 Resp: 320296
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.2
141 36.8 34.1 51.1

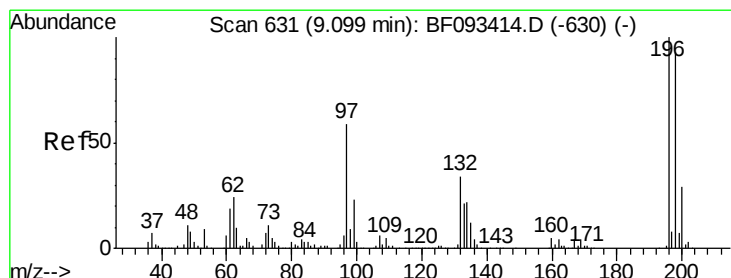
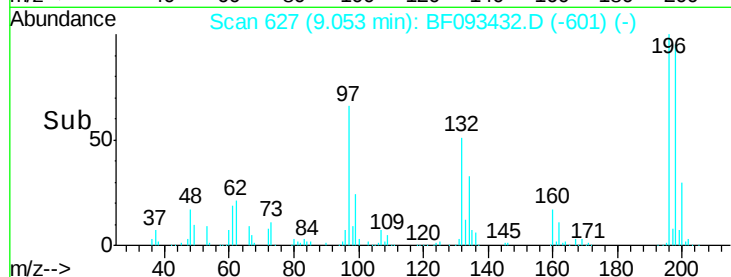
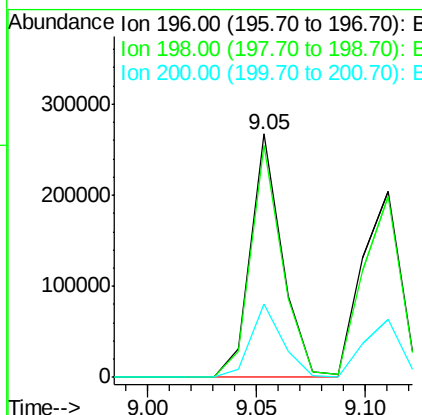
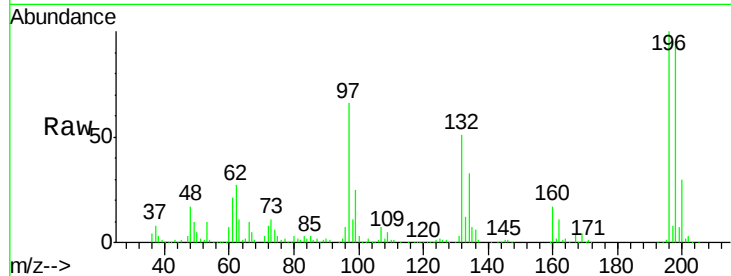




#42
 2,4,6-Trichlorophenol
 Concen: 41.62 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

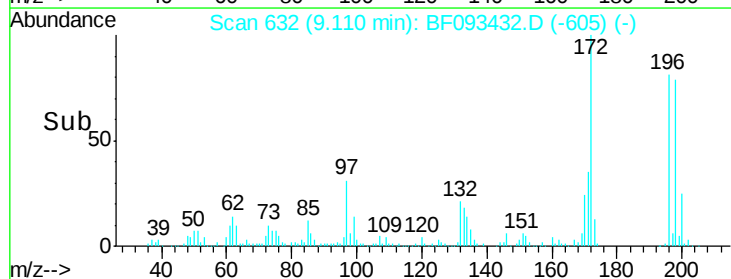
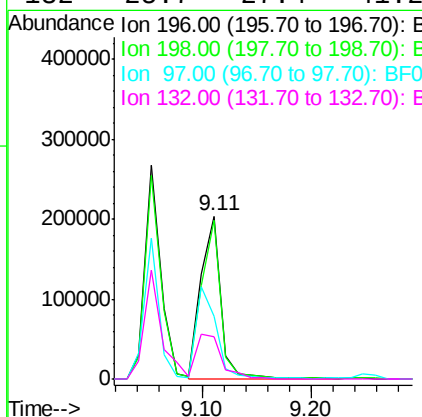
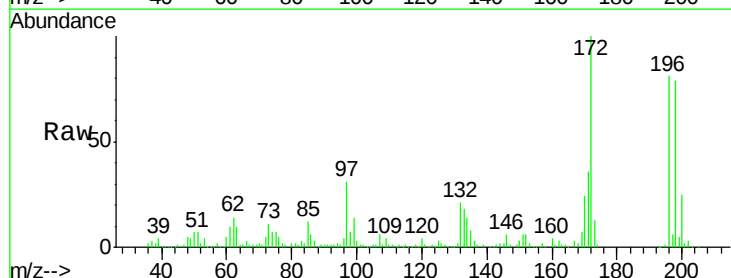
Instrument :
 BNA_F
 ClientSampled :
 PB97430BS

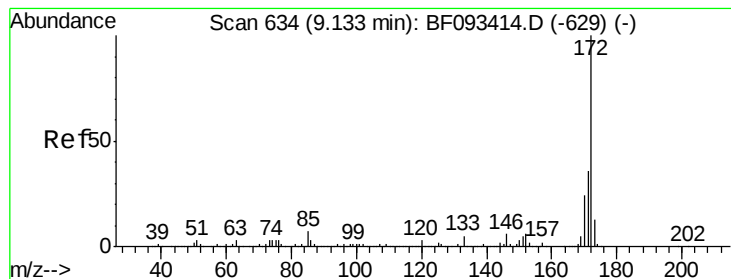
Tot Ion:196 Resp: 271622
 Ion Ratio Lower Upper
 196 100
 198 95.1 82.1 123.1
 200 30.3 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 37.36 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion:196 Resp: 261602
 Ion Ratio Lower Upper
 196 100
 198 97.5 79.4 119.2
 97 38.5 51.5 77.3#
 132 25.7 27.4 41.2#

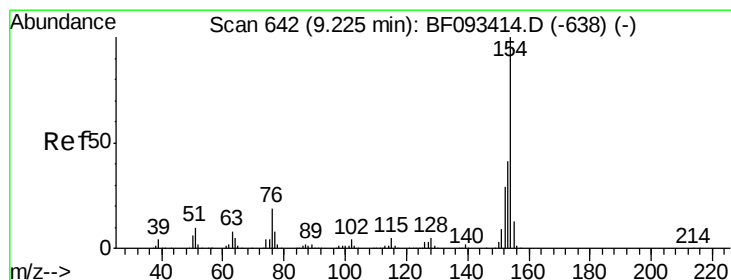
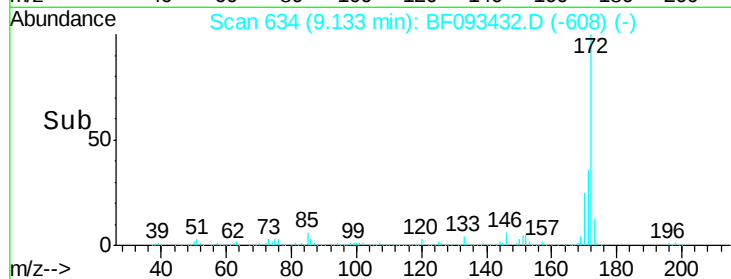
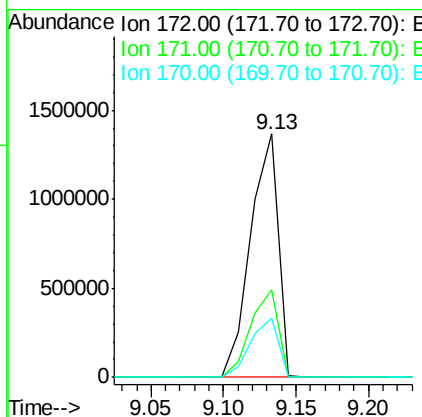
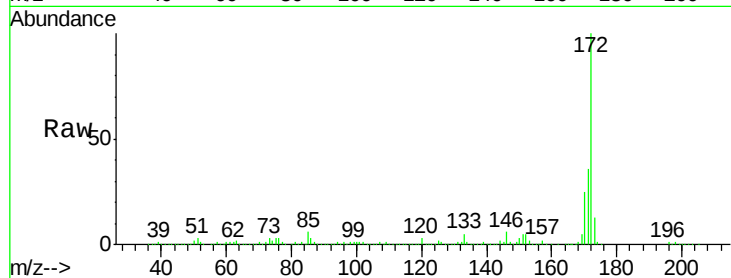




#44
 2-Fluorobiphenyl
 Concen: 88.23 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

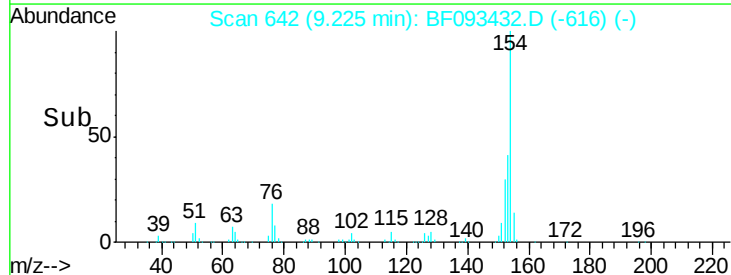
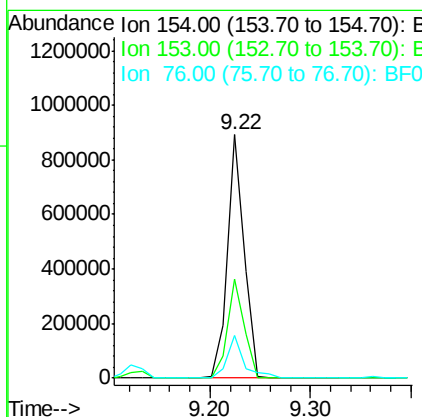
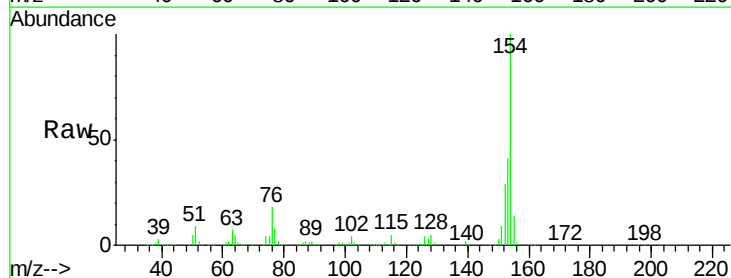
Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

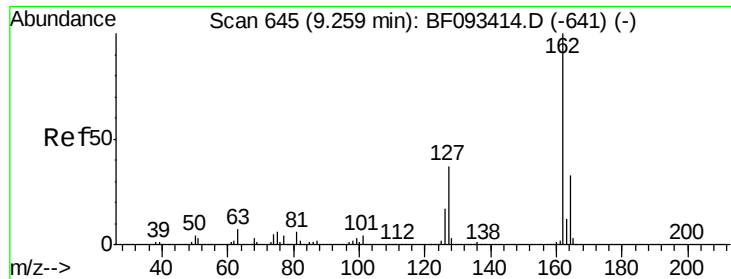
Tot Ion:172 Resp: 1814525
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 20.2 30.4



#45
 1,1'-Biphenyl
 Concen: 36.84 ng
 RT: 9.22 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion:154 Resp: 1026691
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 17.5 0.0 30.5

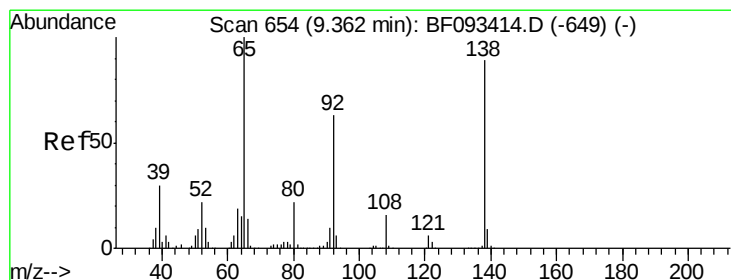
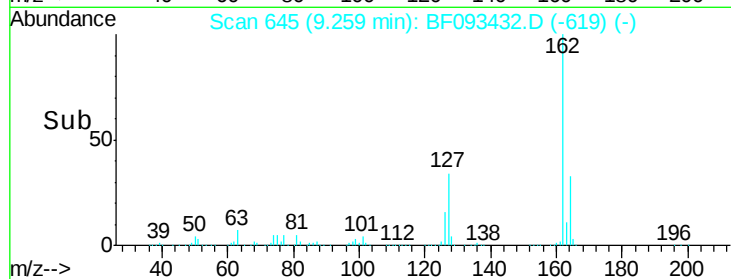
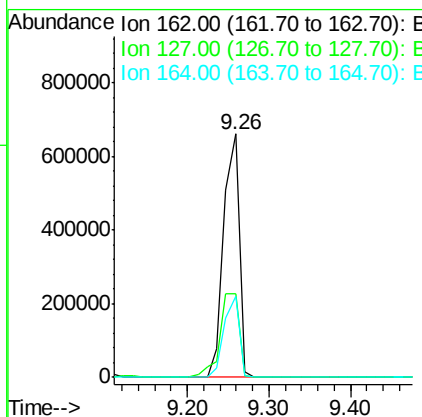
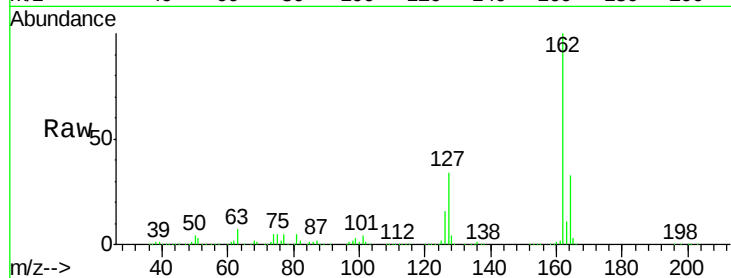




#46
 2-Chloronaphthalene
 Concen: 40.84 ng
 RT: 9.26 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

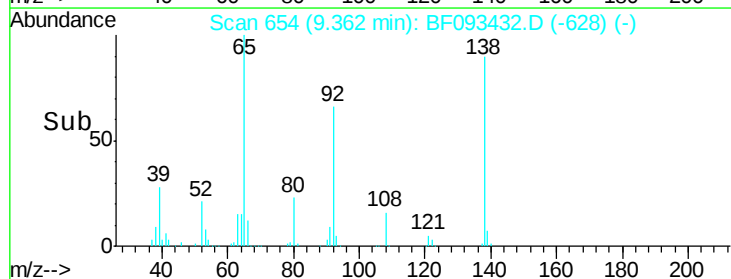
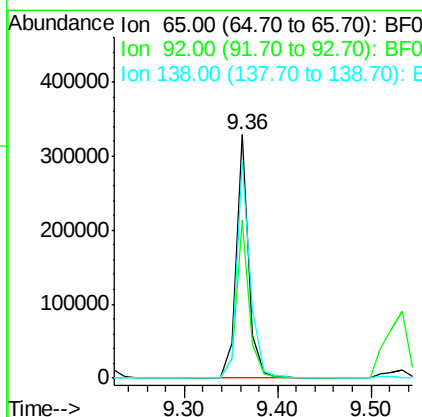
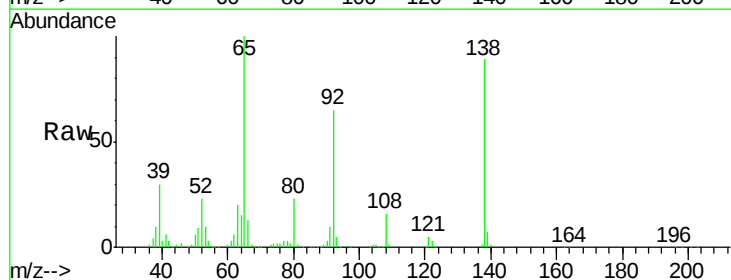
Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

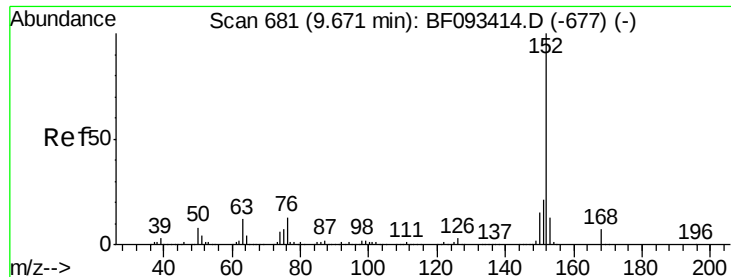
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.1	30.7	46.1
164	33.2	27.6	41.4



#47
 2-Nitroaniline
 Concen: 41.04 ng
 RT: 9.36 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	53.9	80.9
138	89.0	76.8	115.2





#48

Acenaphthylene

Concen: 37.87 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

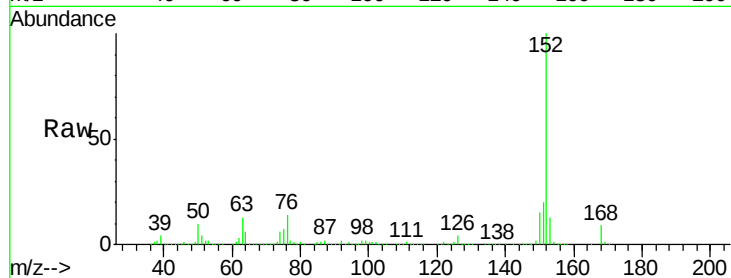
Tot Ion:152 Resp: 1332146

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.2	11.4	17.2

152 100

151 20.4 16.9 25.3

153 13.2 11.4 17.2

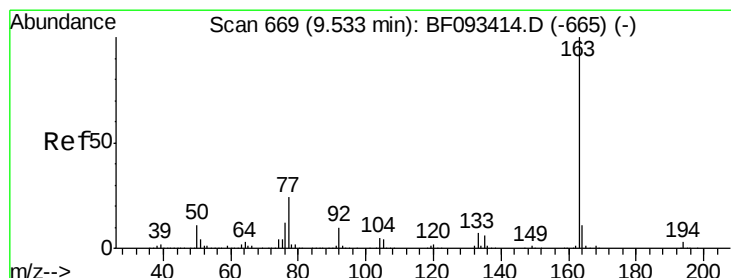
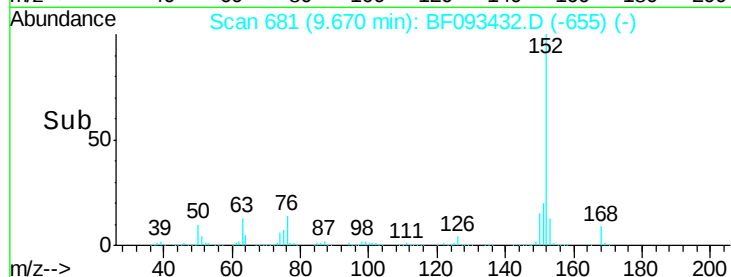
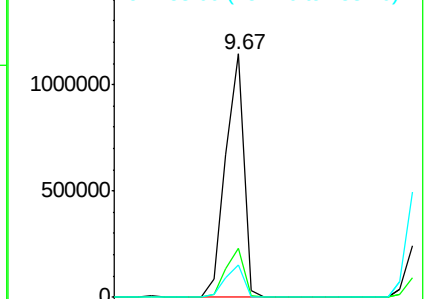


Abundance

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: 39.70 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

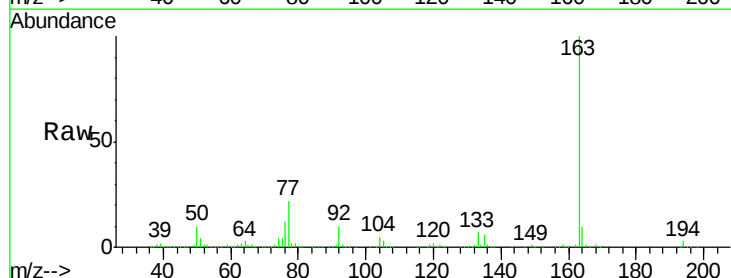
Tgt Ion:163 Resp: 1006773

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.4	8.0	12.0

163 100

194 3.4 3.0 4.4

164 10.4 8.0 12.0

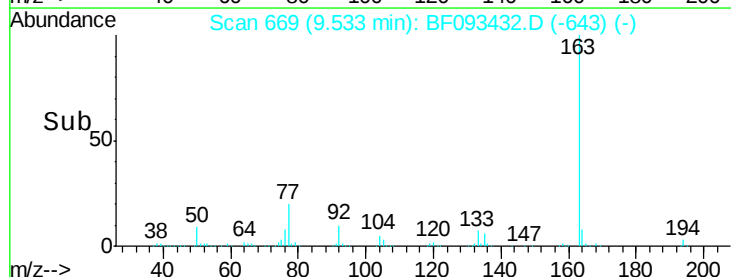
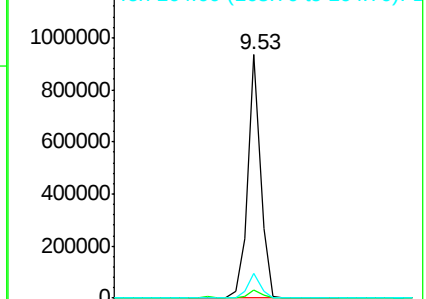


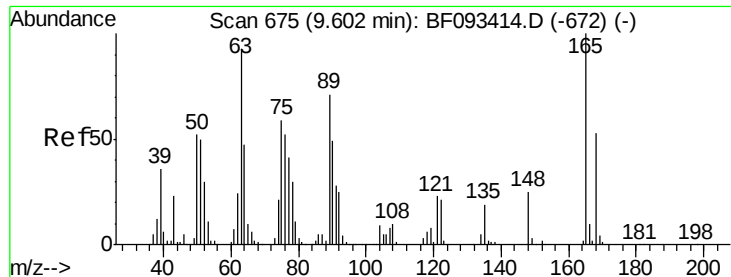
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

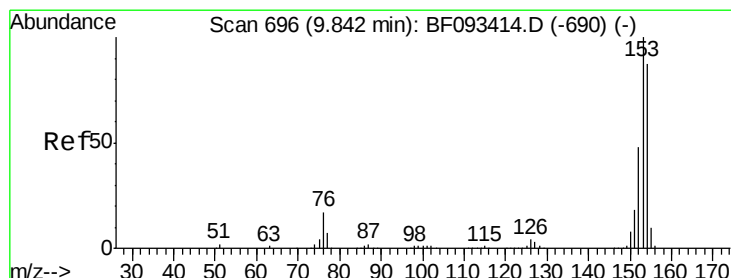
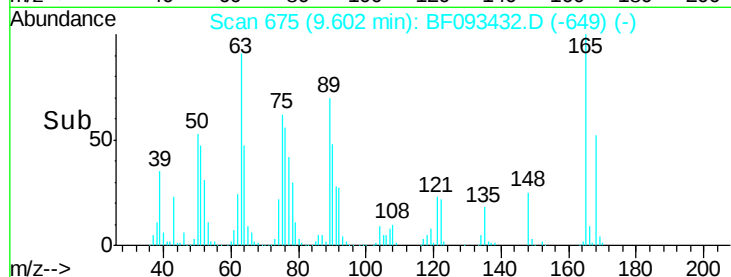
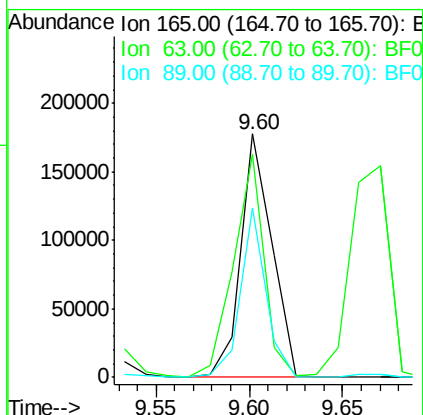
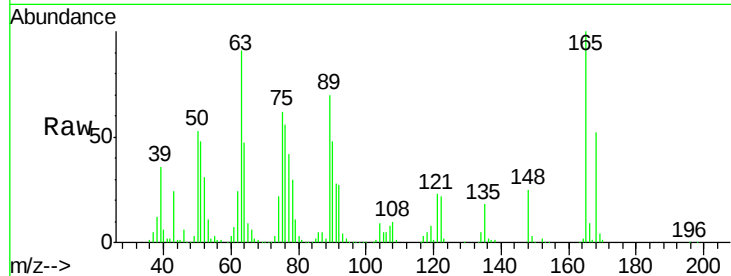




#50
2,6-Dinitrotoluene
Concen: 36.93 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

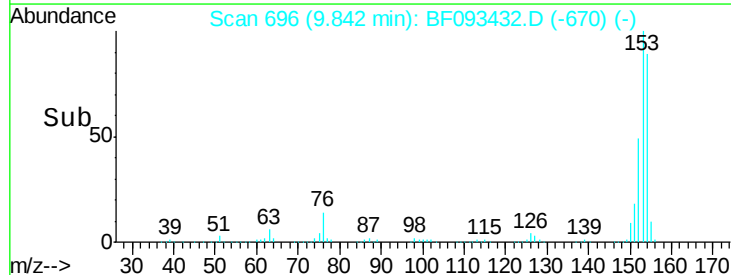
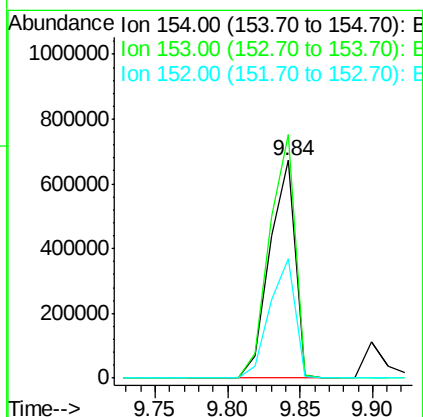
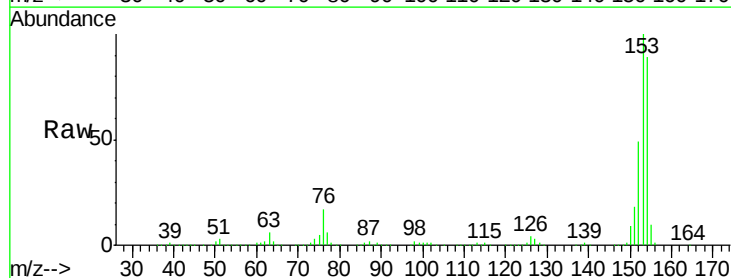
Instrument :
BNA_F
ClientSampleId :
PB97430BS

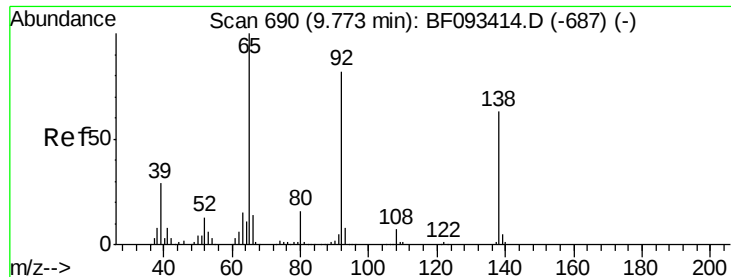
Tot Ion:165 Resp: 205511
Ion Ratio Lower Upper
165 100
63 91.5 36.2 54.4#
89 69.6 40.2 60.4#



#51
Acenaphthene
Concen: 39.33 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:154 Resp: 818164
Ion Ratio Lower Upper
154 100
153 111.9 88.6 133.0
152 55.0 41.6 62.4





#52

3-Nitroaniline

Concen: 14.74 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

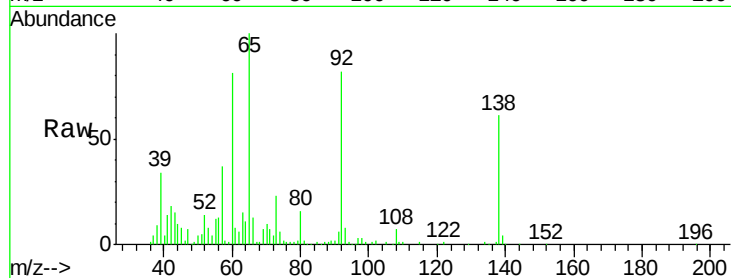
Tot Ion:138 Resp: 98549

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

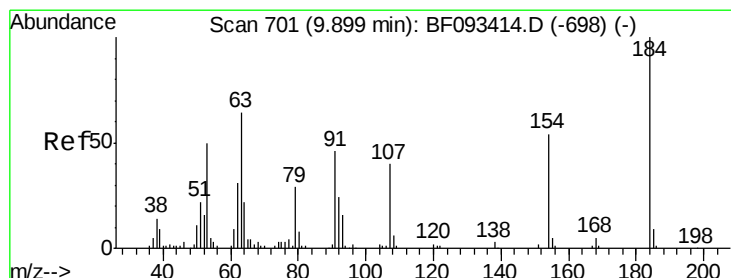
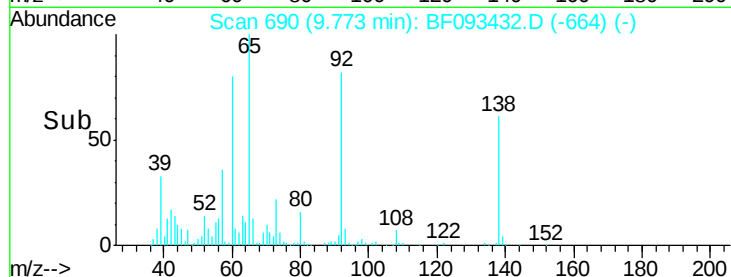
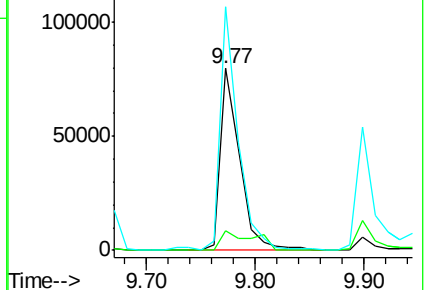
92 133.8 97.8 146.8



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): E



#53

2,4-Dinitrophenol

Concen: 85.79 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

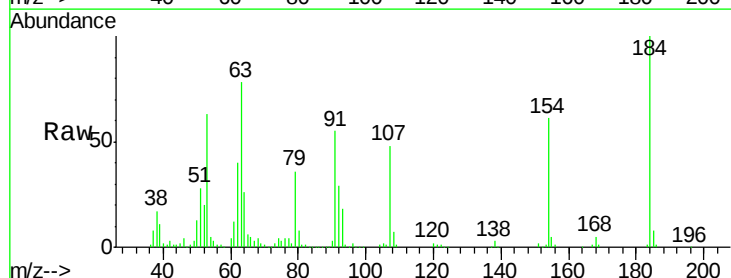
Tgt Ion:184 Resp: 217410

Ion Ratio Lower Upper

184 100

63 78.2 28.4 42.6#

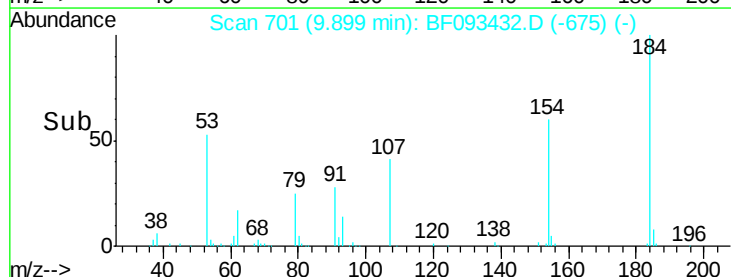
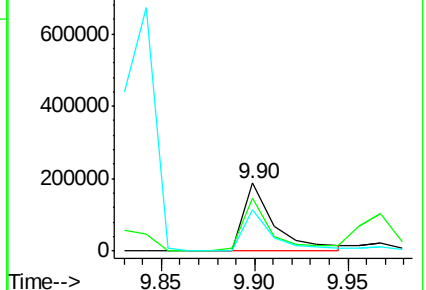
154 60.5 44.3 66.5

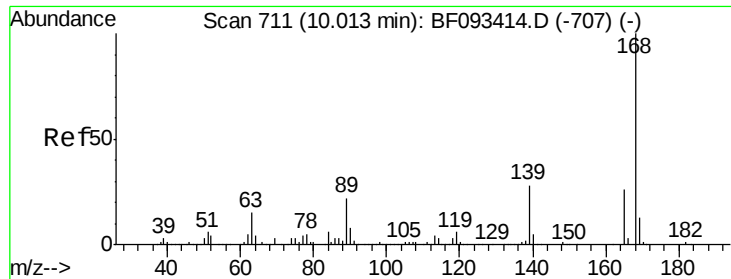


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

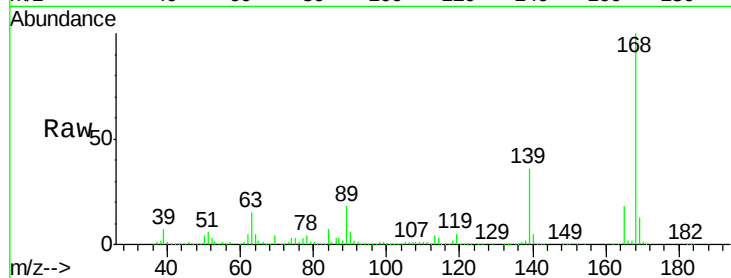




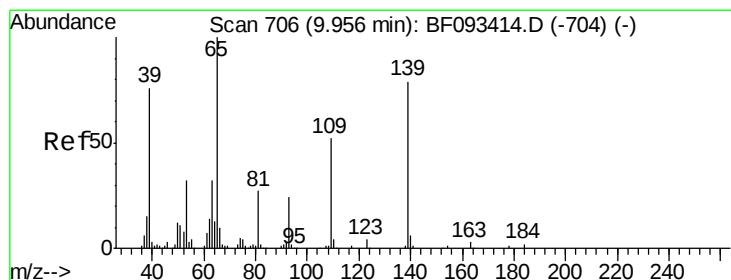
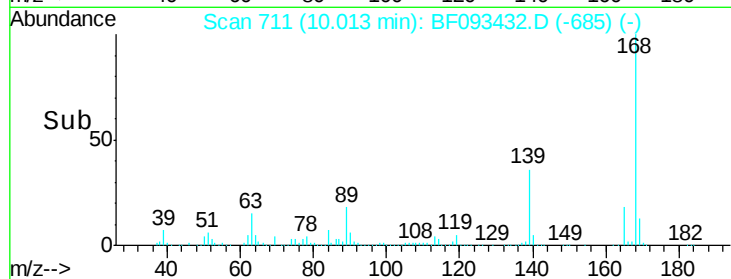
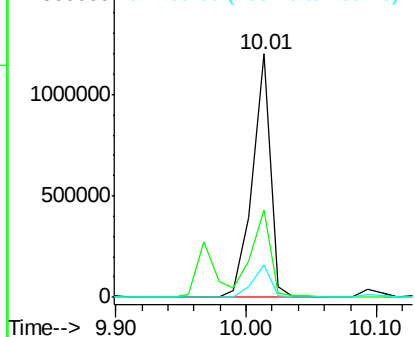
#54
Dibenzofuran
Concen: 44.23 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion:168 Resp: 1151724
Ion Ratio Lower Upper
168 100
139 36.1 32.6 49.0
169 13.1 11.3 16.9

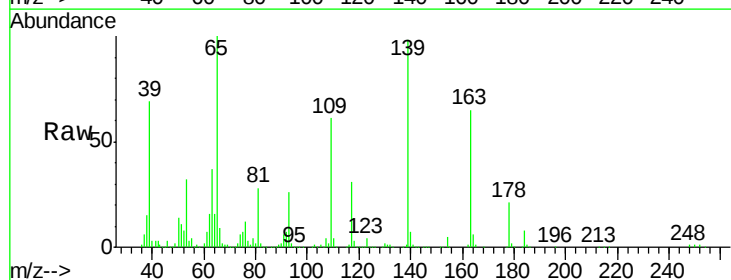


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

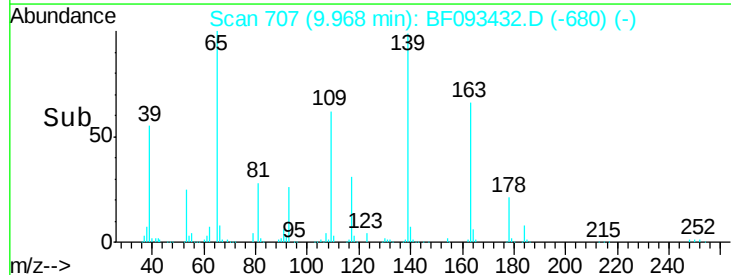
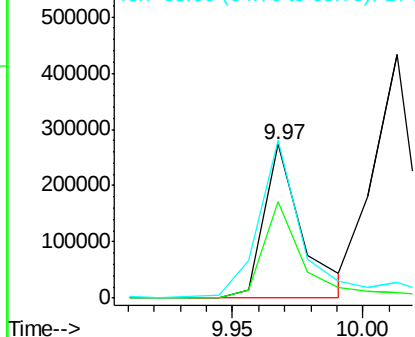


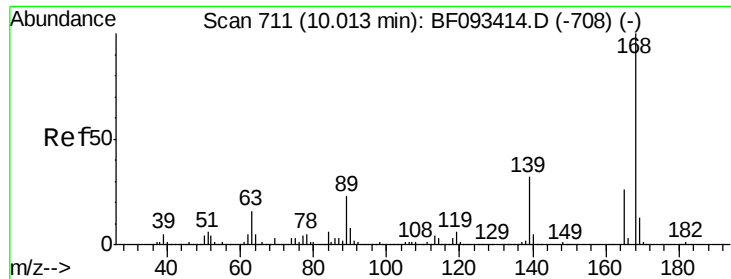
#55
4-Nitrophenol
Concen: 86.27 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:139 Resp: 280151
Ion Ratio Lower Upper
139 100
109 62.8 52.2 92.2
65 102.6 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

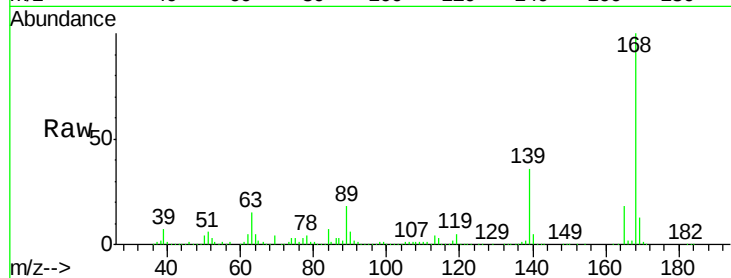




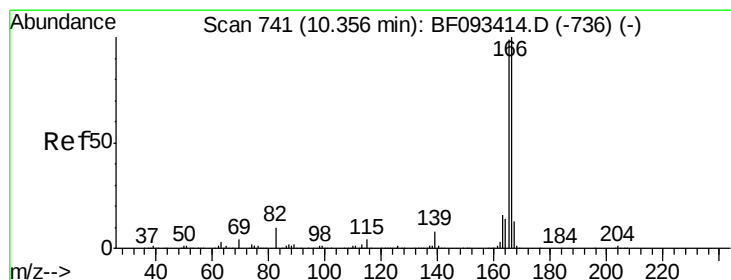
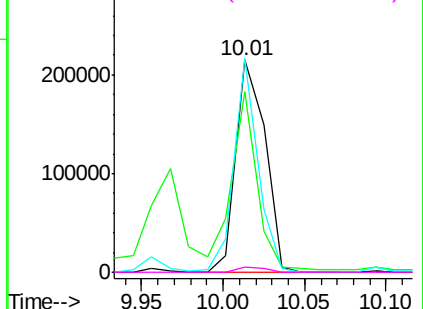
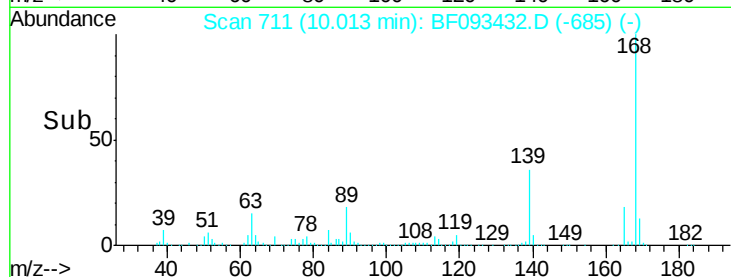
#56
2,4-Dinitrotoluene
Concen: 38.95 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion:165 Resp: 266311
Ion Ratio Lower Upper
165 100
63 85.0 40.2 60.4#
89 100.6 62.5 93.7#
182 2.3 1.8 2.8

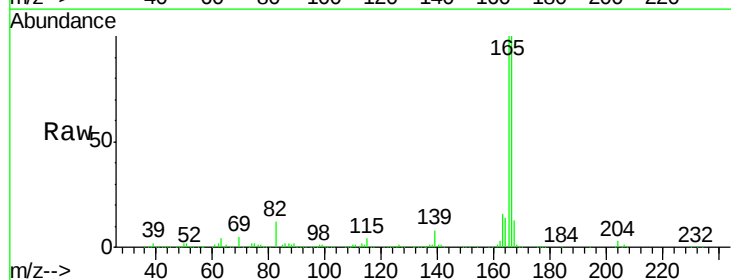


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

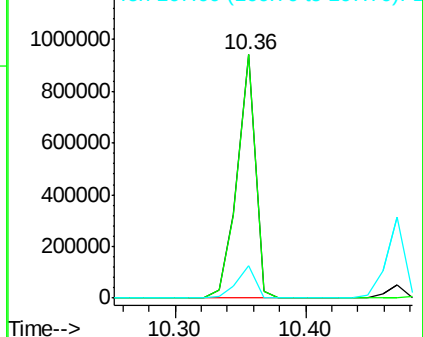
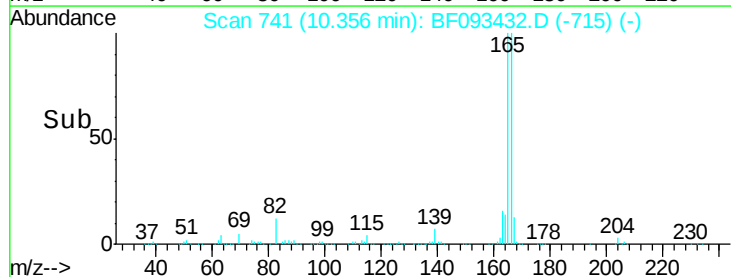


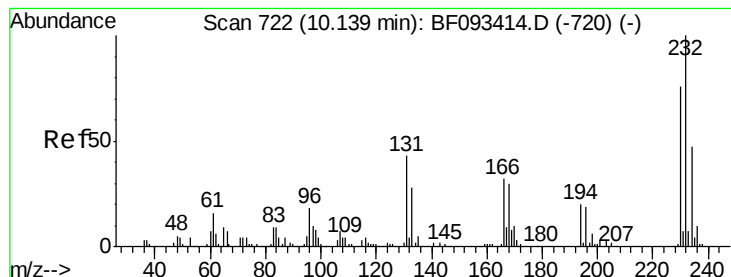
#57
Fluorene
Concen: 41.24 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:166 Resp: 909863
Ion Ratio Lower Upper
166 100
165 99.9 77.8 116.8
167 13.2 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

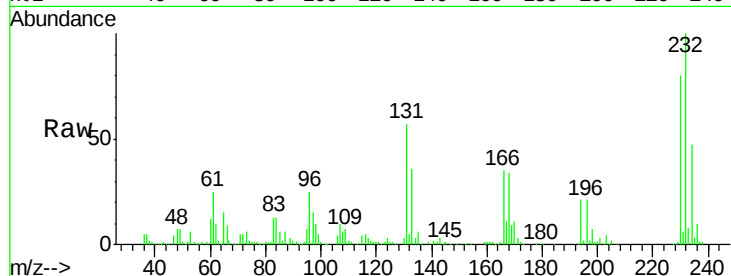




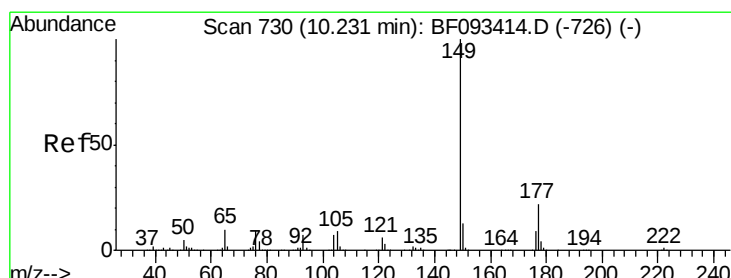
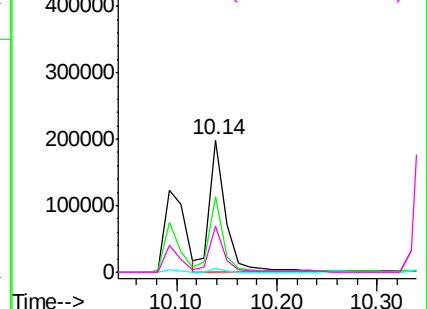
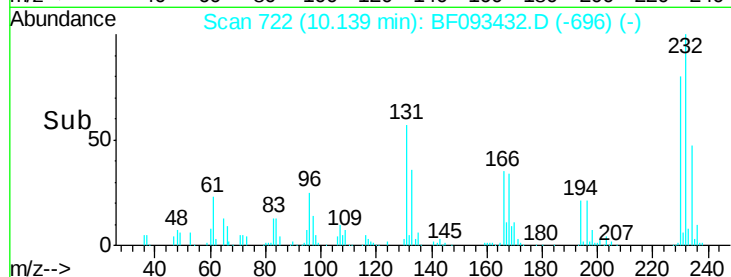
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.14 ng
 RT: 10.14 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion:232 Resp: 218135
 Ion Ratio Lower Upper
 232 100
 131 51.8 40.1 60.1
 130 2.7 1.8 2.8
 166 31.1 26.6 39.8

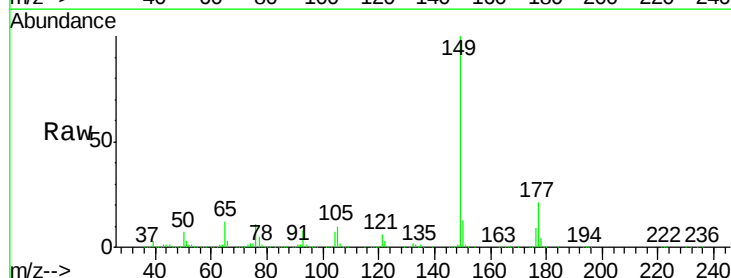


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

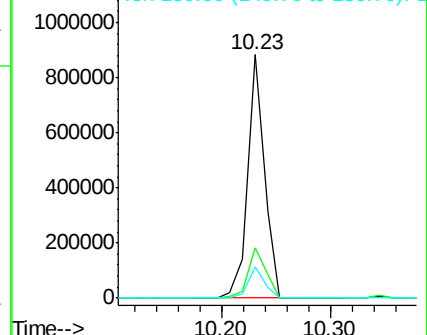
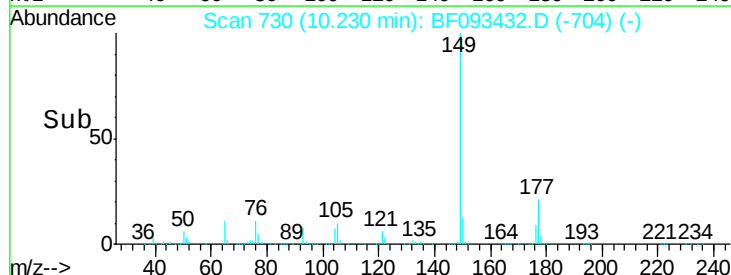


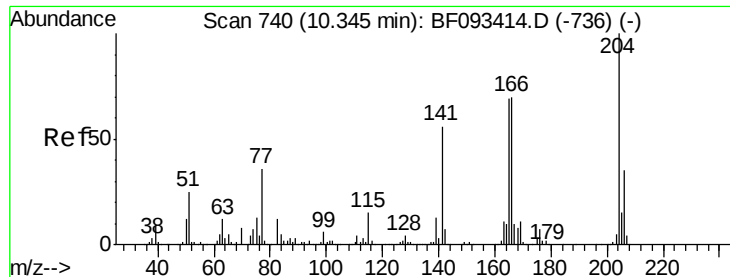
#59
 Diethylphthalate
 Concen: 38.45 ng
 RT: 10.23 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion:149 Resp: 931944
 Ion Ratio Lower Upper
 149 100
 177 20.6 16.6 25.0
 150 12.8 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

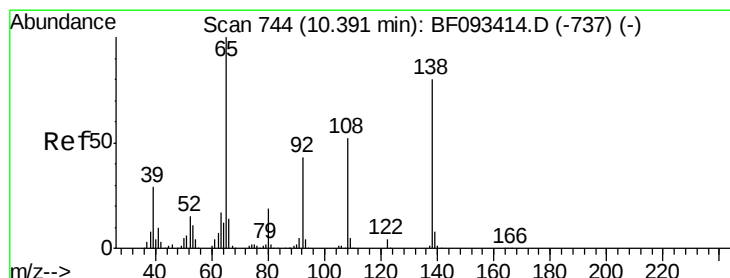
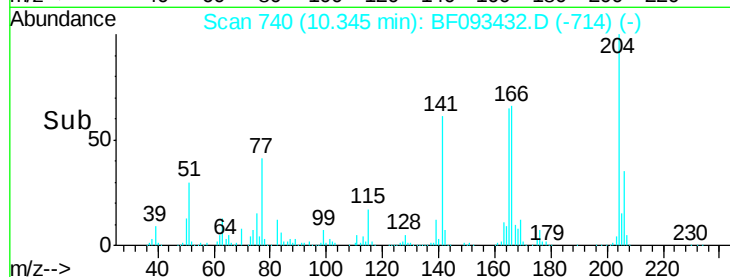
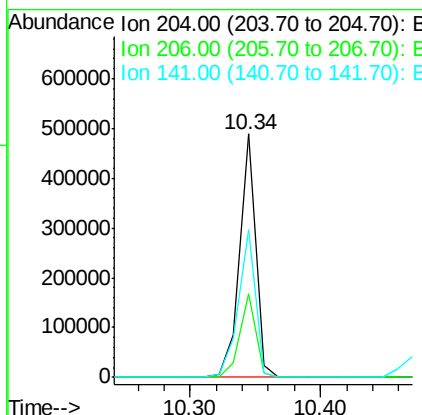
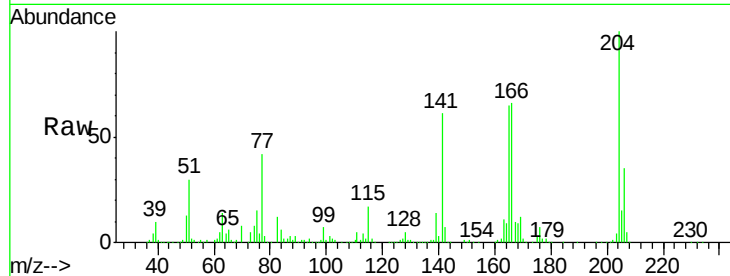




#60
4-Chlorophenyl-phenylether
Concen: 42.12 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

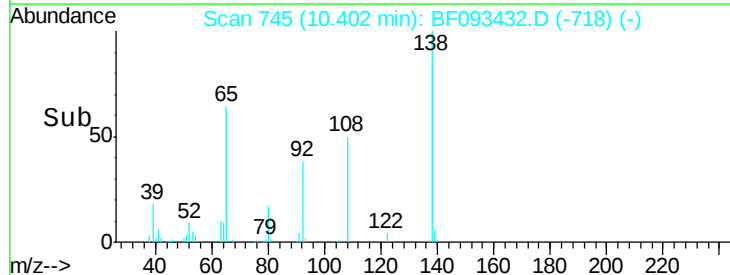
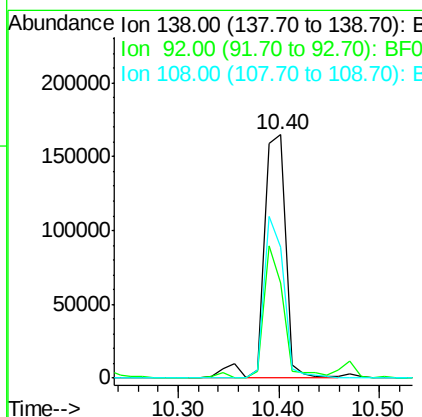
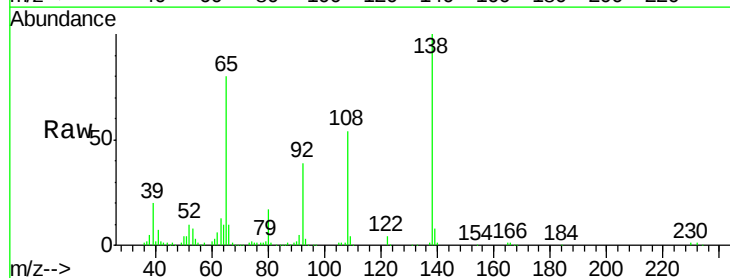
Instrument :
BNA_F
ClientSampleId :
PB97430BS

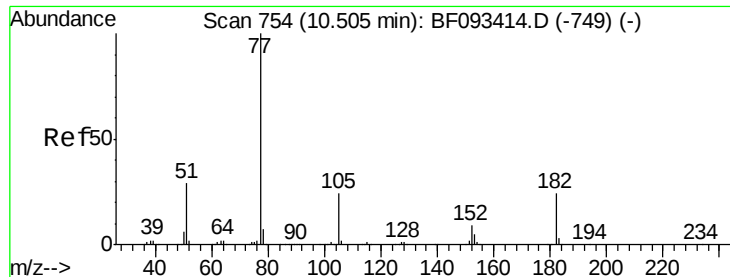
Tot Ion:204 Resp: 416540
Ion Ratio Lower Upper
204 100
206 34.6 25.8 38.6
141 60.8 59.4 89.0



#61
4-Nitroaniline
Concen: 36.49 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:138 Resp: 249541
Ion Ratio Lower Upper
138 100
92 39.0 31.7 71.7
108 54.0 52.6 92.6





#62

Azobenzene

Concen: 44.23 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

Tot Ion: 77 Resp: 1218109

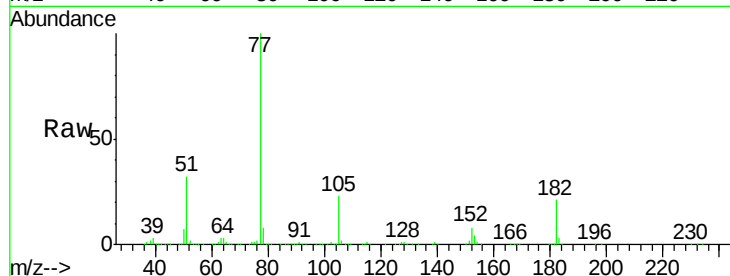
Ion Ratio Lower Upper

77 100

182 20.6 0.0 39.3

105 22.9 2.3 42.3

51 32.2 8.9 48.9

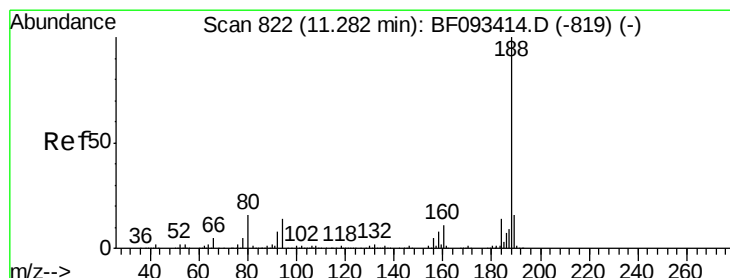
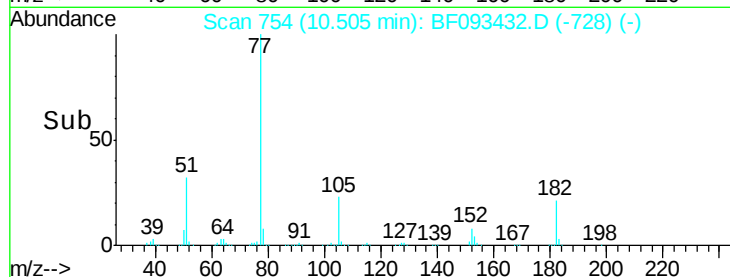
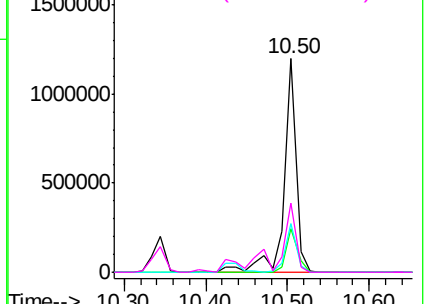


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF093432.D

Acq: 8 Mar 2017 17:01

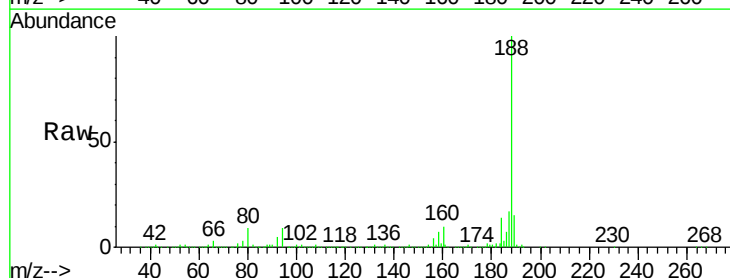
Tgt Ion: 188 Resp: 706812

Ion Ratio Lower Upper

188 100

94 9.0 10.0 15.0#

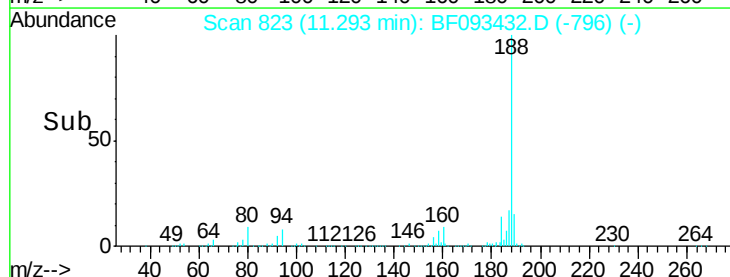
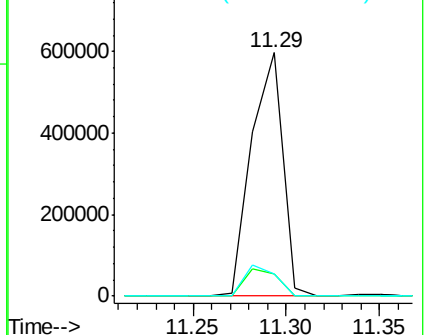
80 9.2 11.2 16.8#

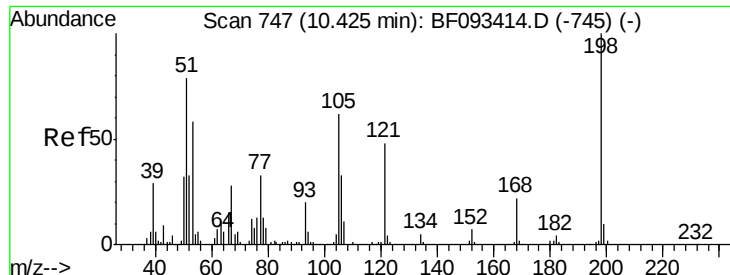


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

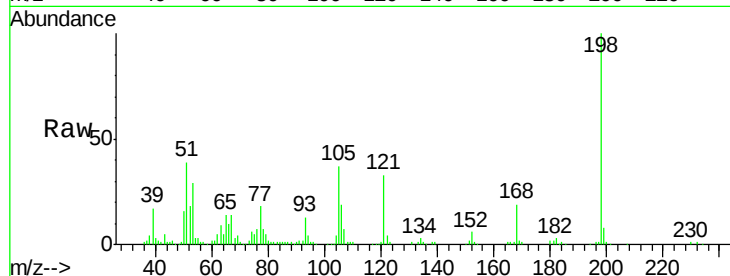




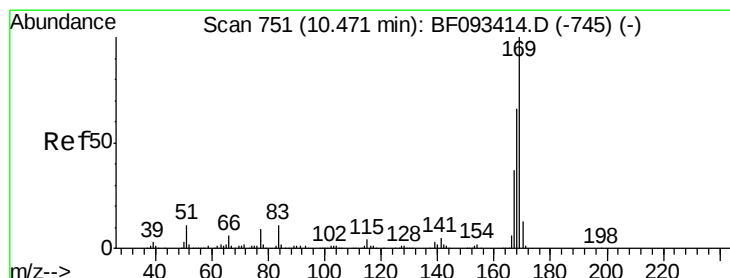
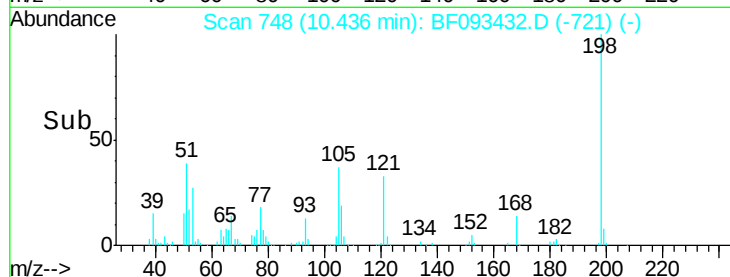
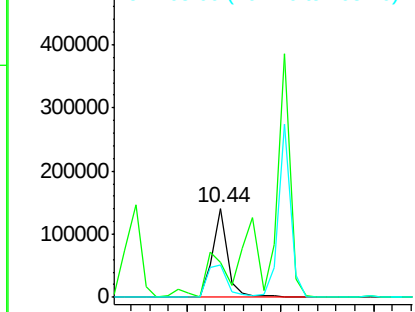
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.46 ng
 RT: 10.44 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion:198 Resp: 162391
 Ion Ratio Lower Upper
 198 100
 51 39.3 6.7 46.7
 105 37.0 16.6 56.6

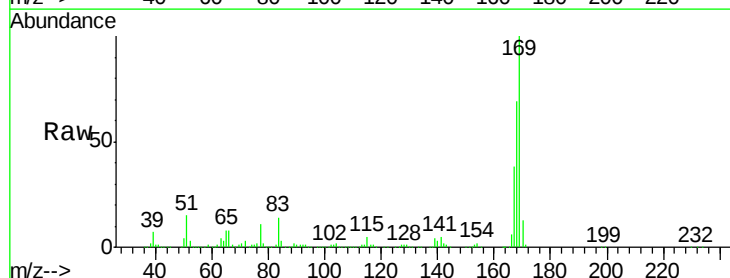


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

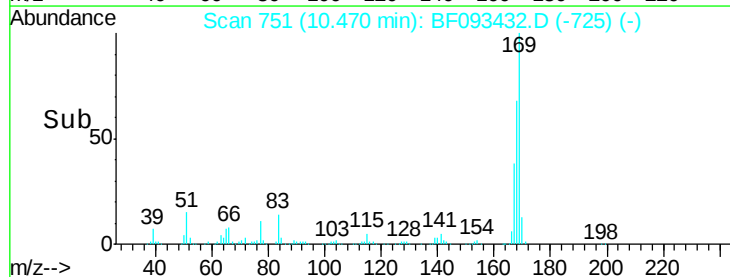
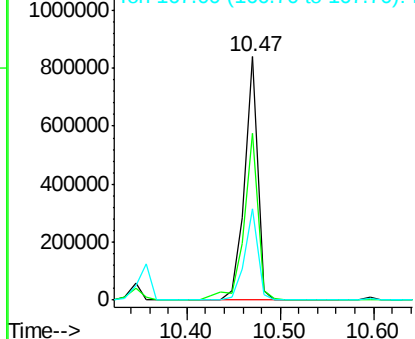


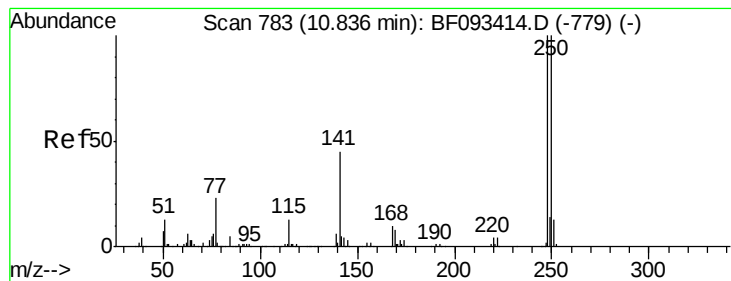
#65
 n-Nitrosodiphenylamine
 Concen: 34.78 ng
 RT: 10.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion:169 Resp: 820854
 Ion Ratio Lower Upper
 169 100
 168 68.6 54.2 81.2
 167 37.6 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: 34.72 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

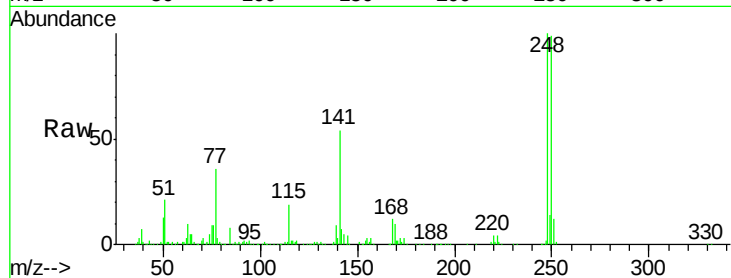
Tot Ion:248 Resp: 259491

Ion Ratio Lower Upper

248 100

250 98.9 76.9 115.3

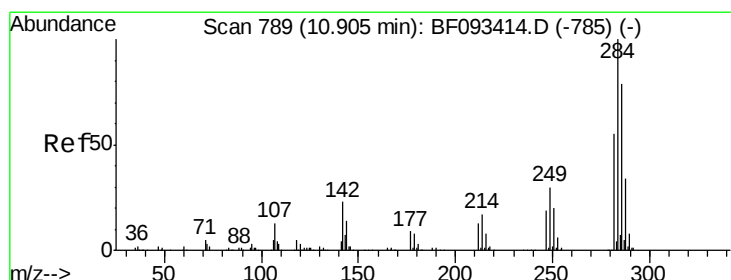
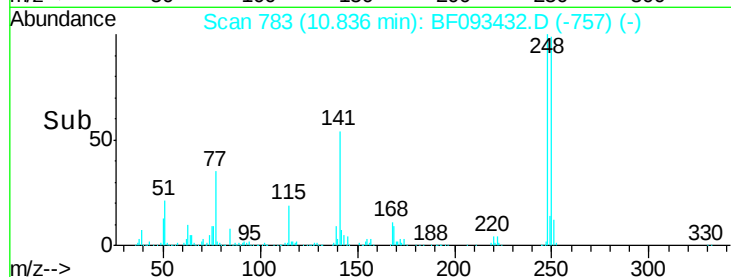
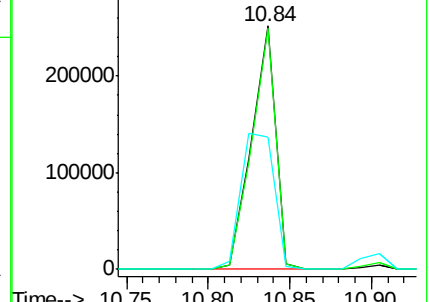
141 54.3 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 35.12 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

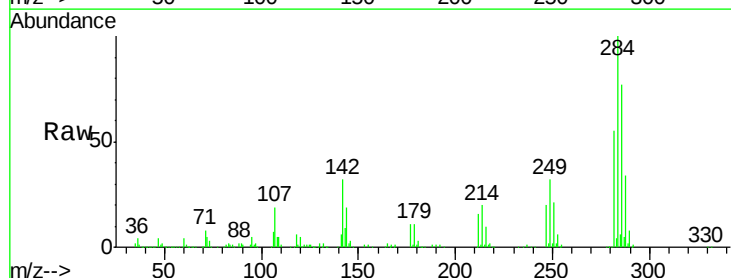
Tgt Ion:284 Resp: 250668

Ion Ratio Lower Upper

284 100

142 31.6 22.6 33.8

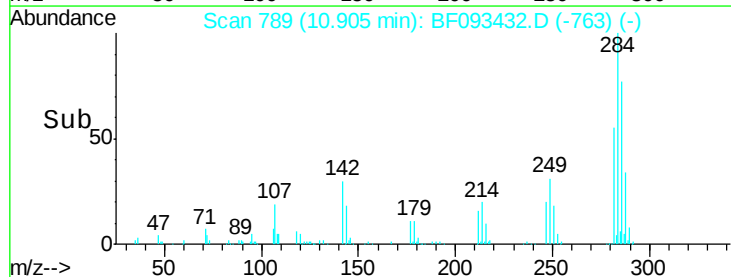
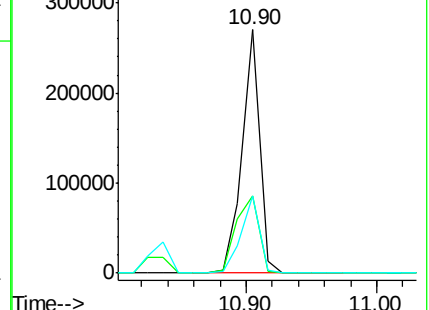
249 31.9 25.4 38.0

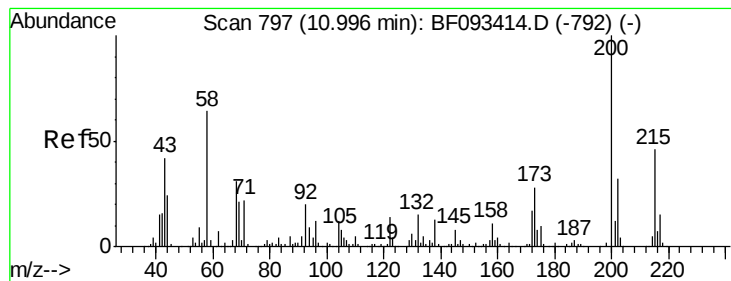


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 32.93 ng

RT: 11.00 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

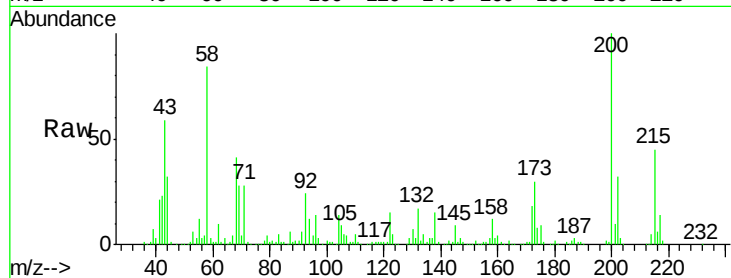
Tot Ion:200 Resp: 227503

Ion Ratio Lower Upper

200 100

173 29.9 9.6 49.6

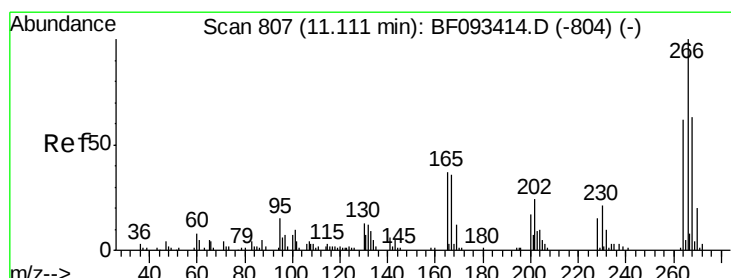
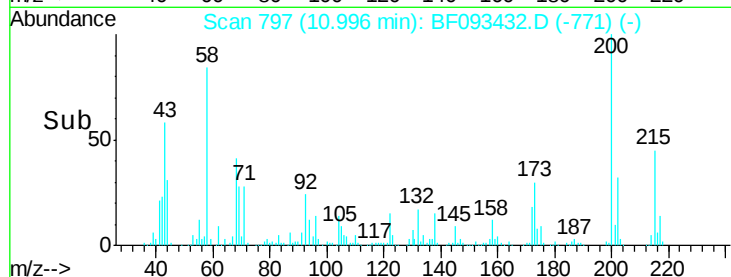
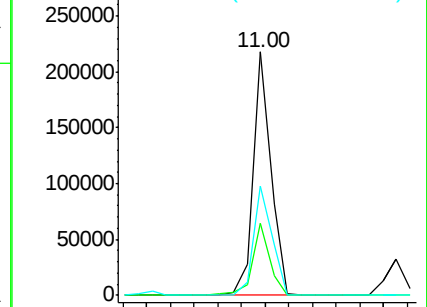
215 45.0 25.7 65.7



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: 86.73 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

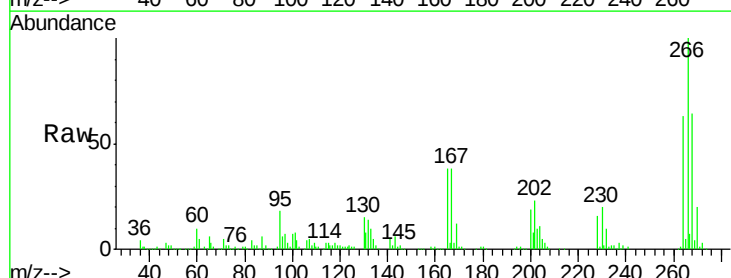
Tgt Ion:266 Resp: 213708

Ion Ratio Lower Upper

266 100

268 63.7 53.3 79.9

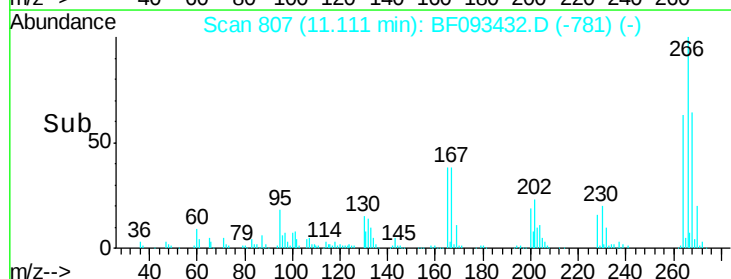
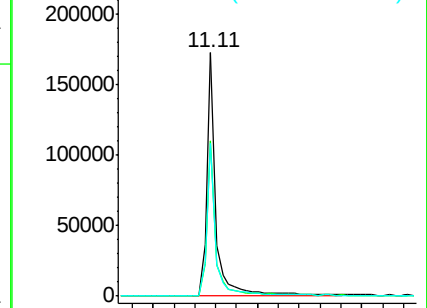
264 62.7 50.3 75.5

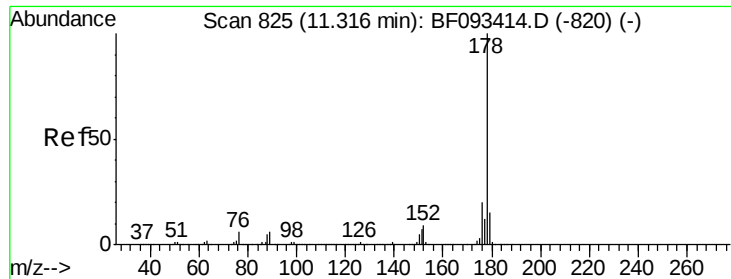


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

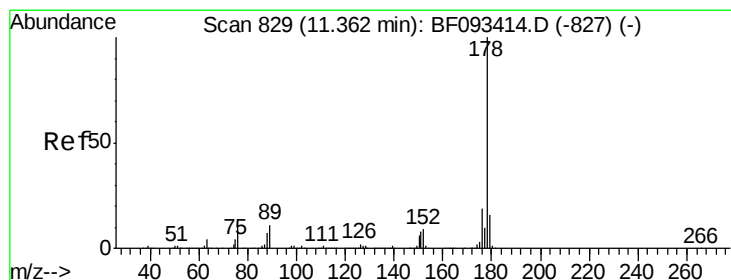
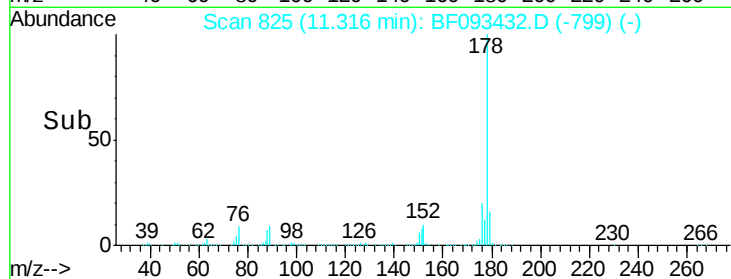
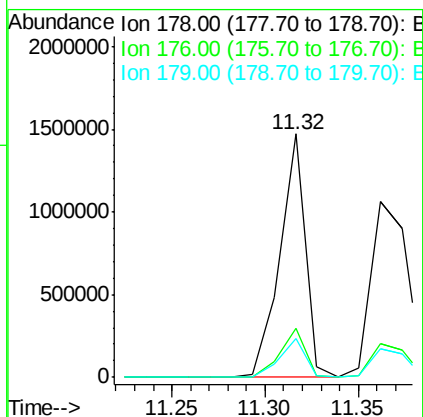
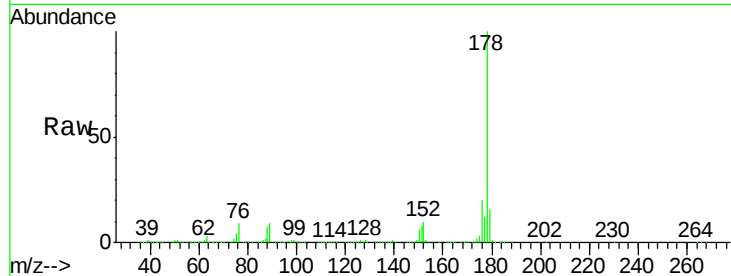




#70
Phenanthrene
Concen: 34.56 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

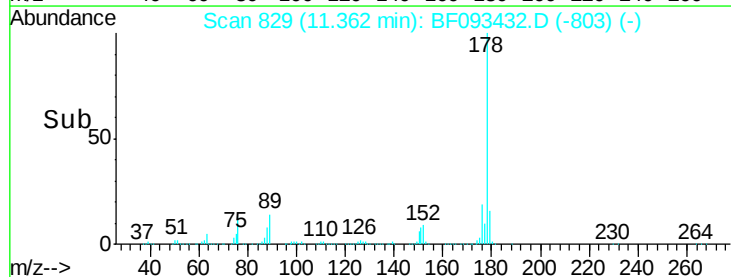
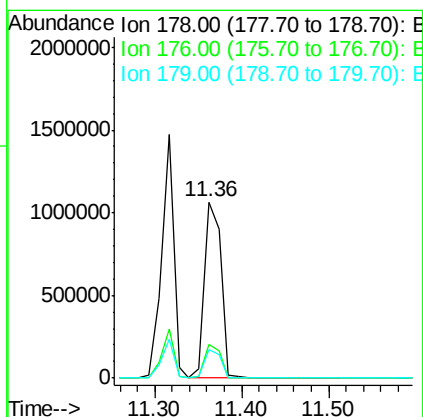
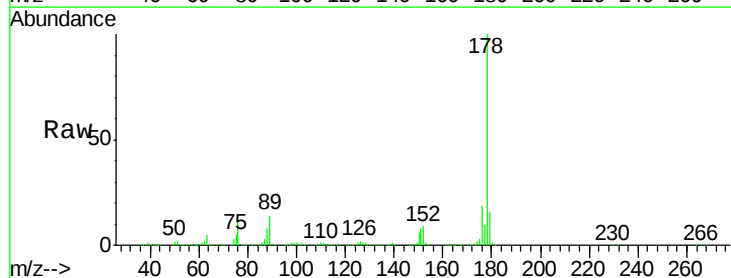
Instrument :
BNA_F
ClientSampleId :
PB97430BS

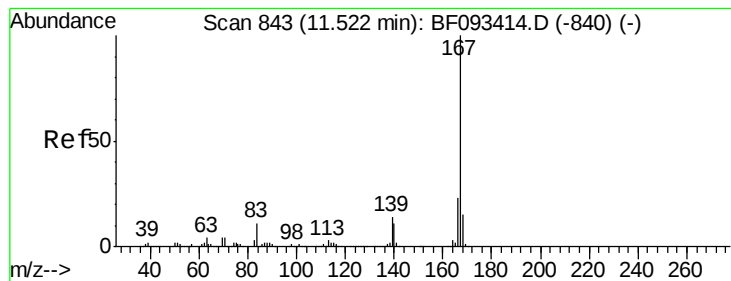
Tot Ion:178 Resp: 1394393
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 15.7 12.8 19.2



#71
Anthracene
Concen: 34.65 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:178 Resp: 1414175
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.0 13.2 19.8





#72

Carbazole

Concen: 34.18 ng

RT: 11.53 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

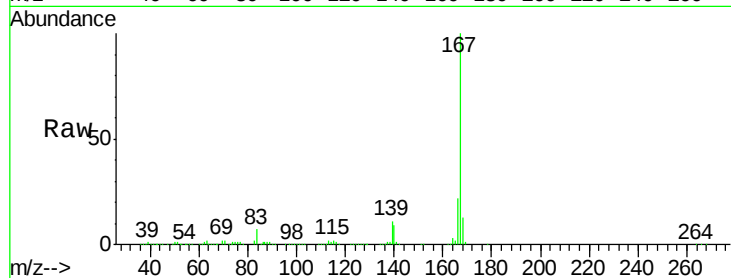
Tot Ion:167 Resp: 1310558

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

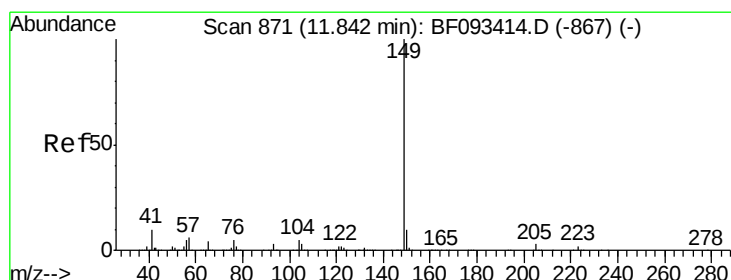
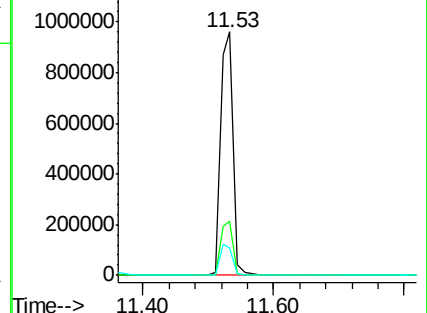
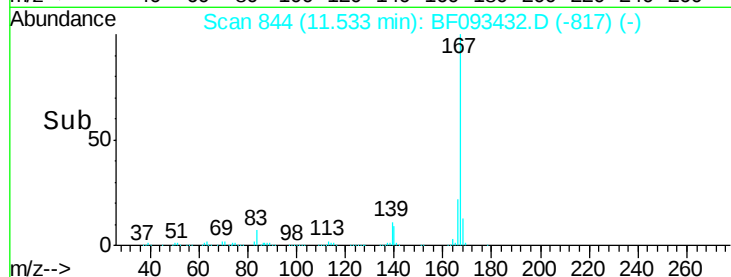
139 11.3 11.4 17.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.04 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

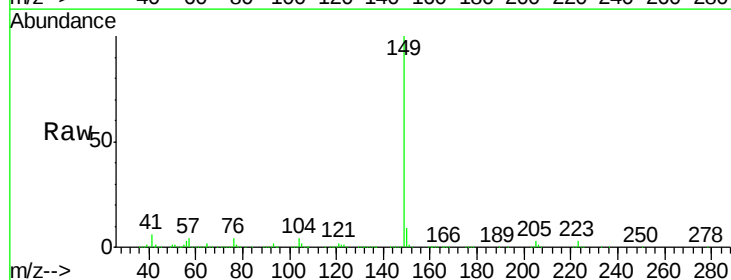
Tgt Ion:149 Resp: 1731428

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

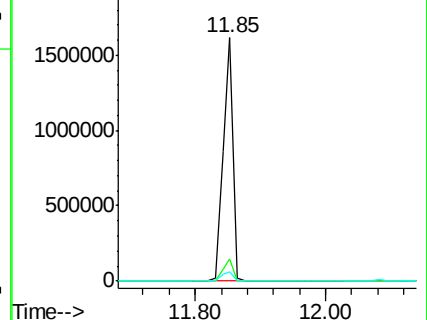
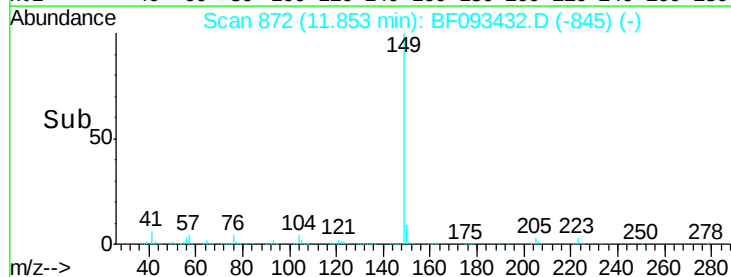
104 4.0 4.6 7.0#

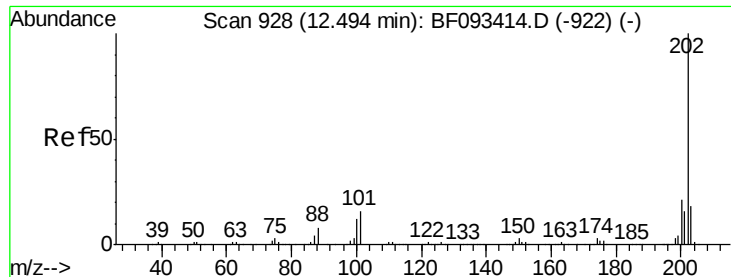


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

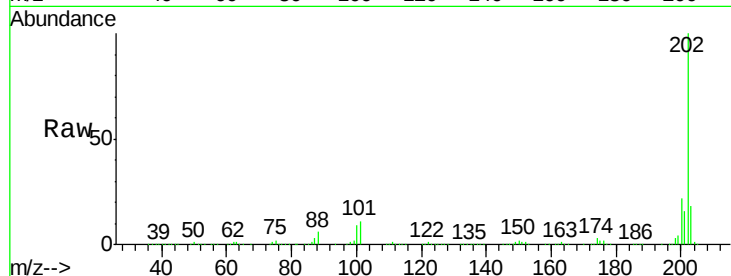




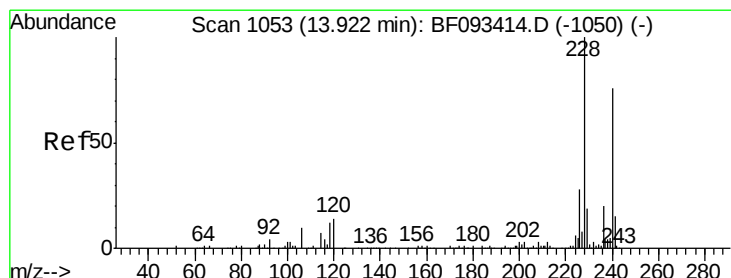
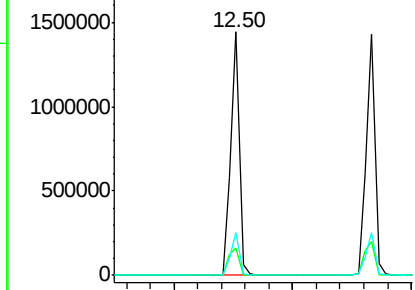
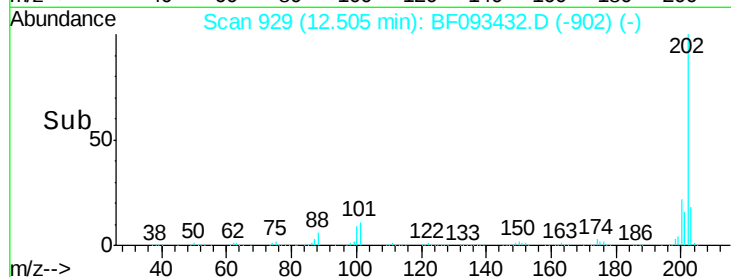
#74
 Fluoranthene
 Concen: 37.23 ng
 RT: 12.50 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BS

Tot Ion:202 Resp: 1450823
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 34.6
 203 17.5 0.0 38.7

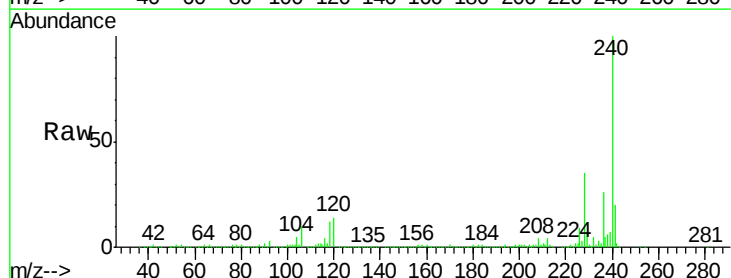


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

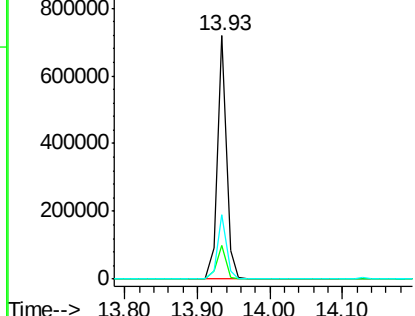
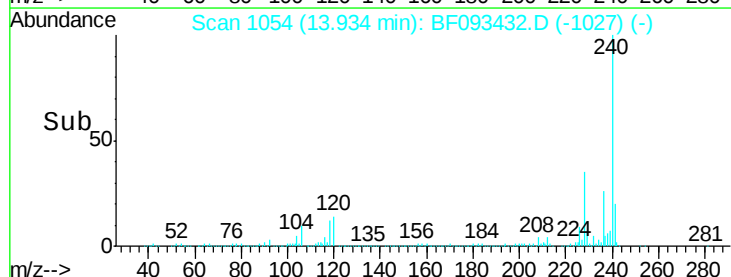


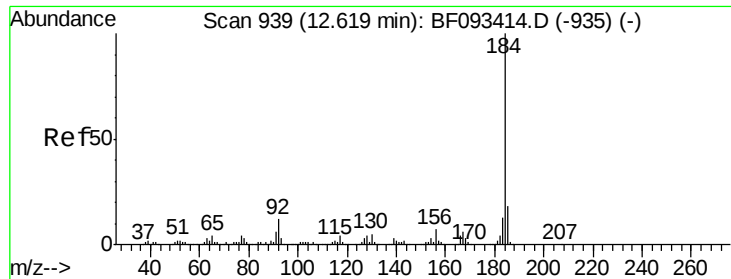
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: BF093432.D
 Acq: 8 Mar 2017 17:01

Tgt Ion:240 Resp: 622673
 Ion Ratio Lower Upper
 240 100
 120 13.8 12.9 19.3
 236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 1000000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 14.90 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

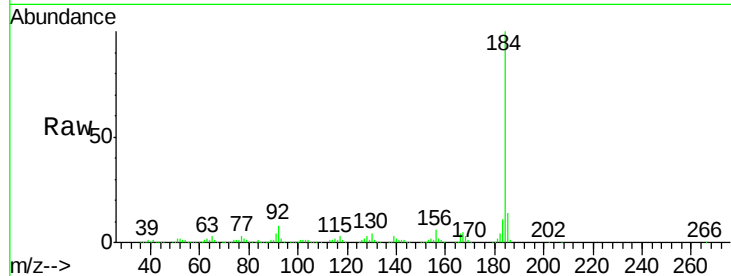
Tot Ion:184 Resp: 305193

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.0

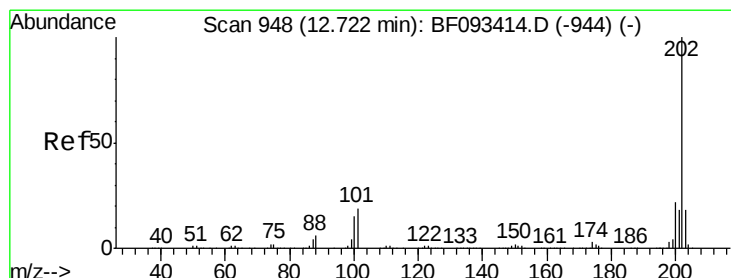
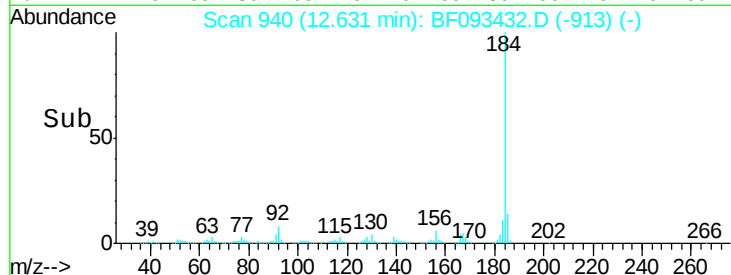
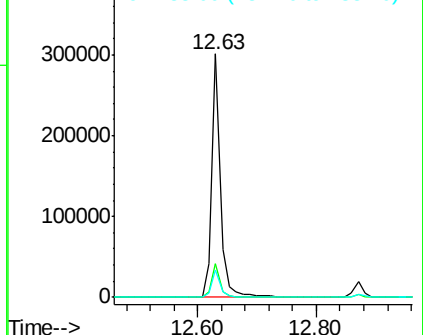
183 11.2 9.2 13.8



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: 32.28 ng

RT: 12.73 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

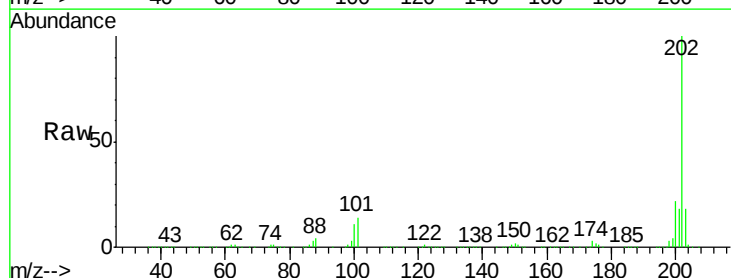
Tgt Ion:202 Resp: 1462042

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

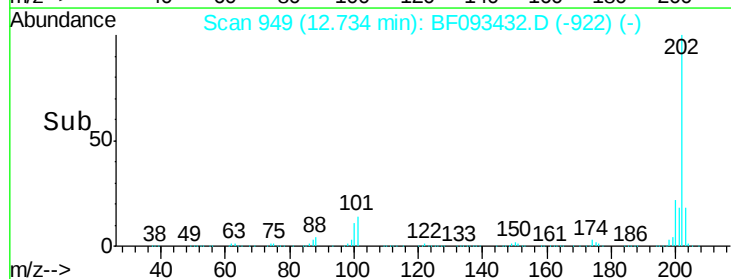
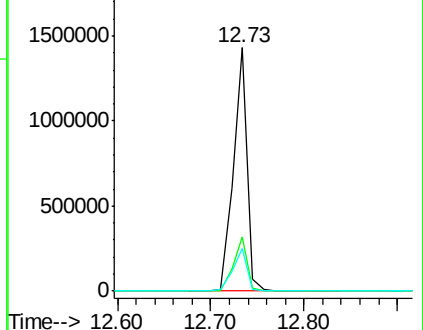
203 17.6 14.7 22.1

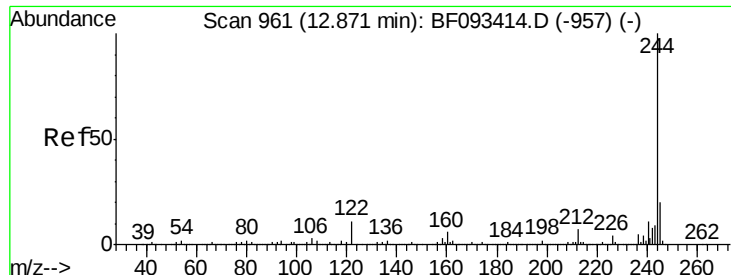


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.72 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

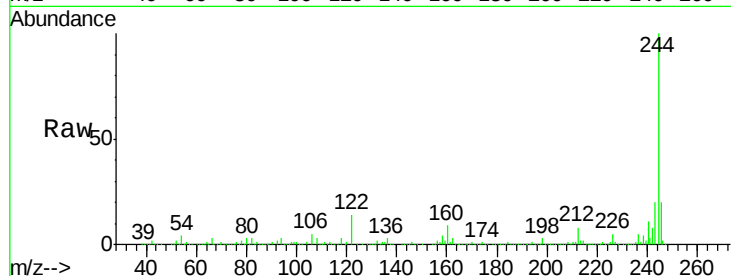
Tot Ion:244 Resp: 1502048

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

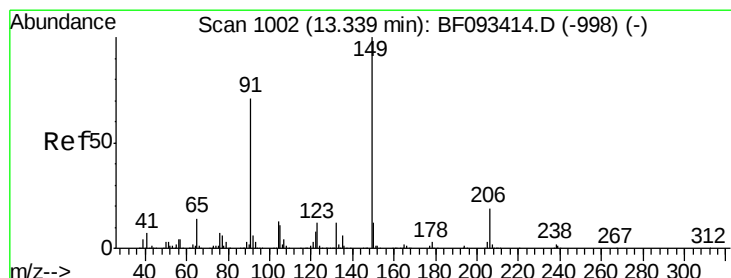
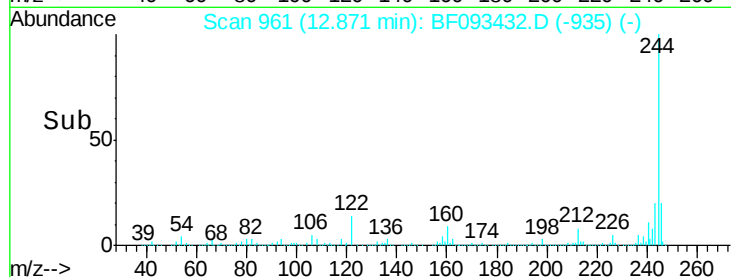
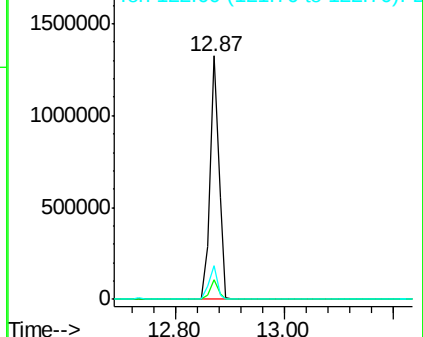
122 13.7 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.45 ng

RT: 13.35 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

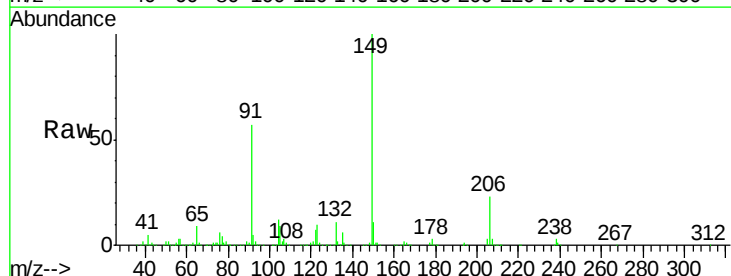
Tgt Ion:149 Resp: 732926

Ion Ratio Lower Upper

149 100

91 56.9 63.9 95.9#

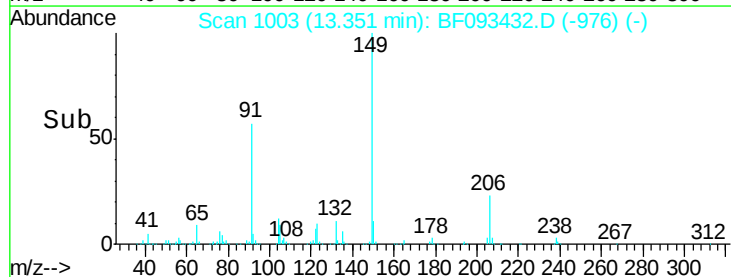
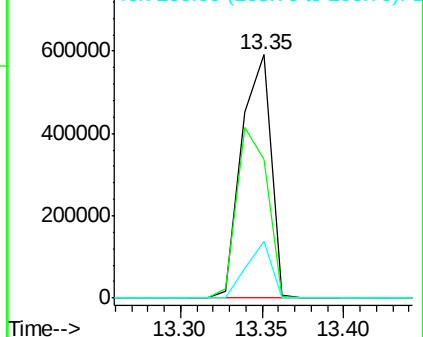
206 23.4 14.6 21.8#

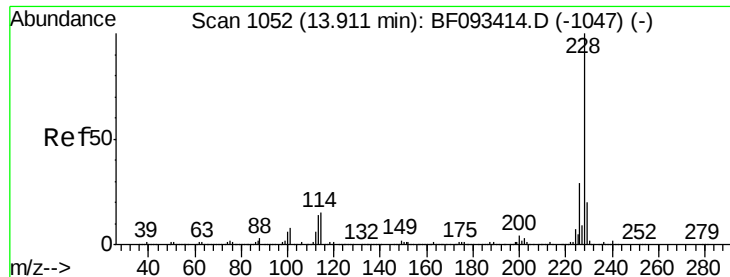


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 33.28 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampled :

PB97430BS

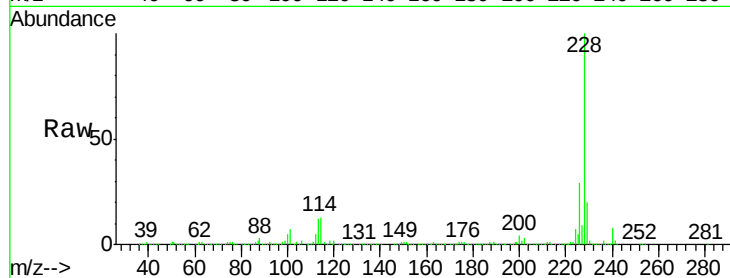
Tot Ion:228 Resp: 1223794

Ion Ratio Lower Upper

228 100

226 28.5 22.4 33.6

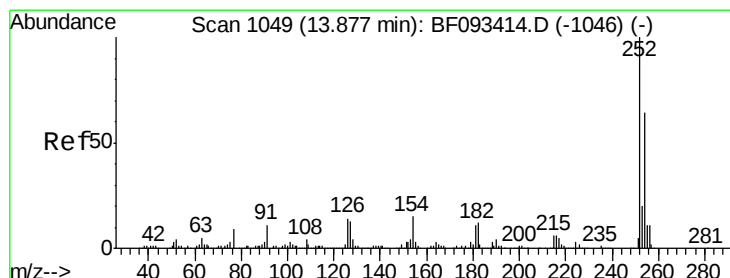
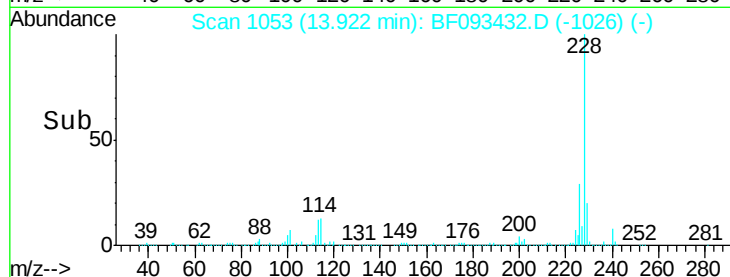
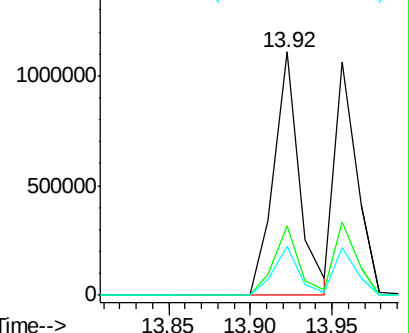
229 20.2 16.2 24.4



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: 22.18 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

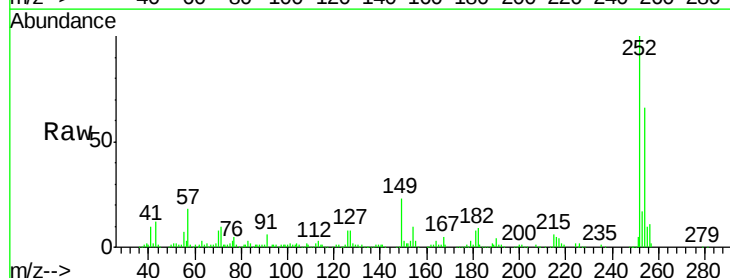
Tgt Ion:252 Resp: 285596

Ion Ratio Lower Upper

252 100

254 65.7 52.3 78.5

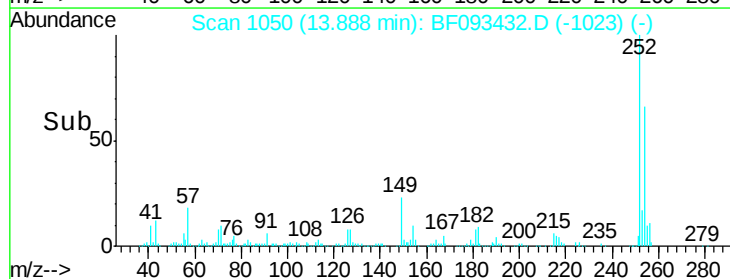
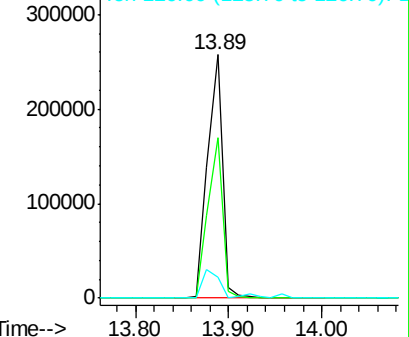
126 8.4 13.6 20.4#

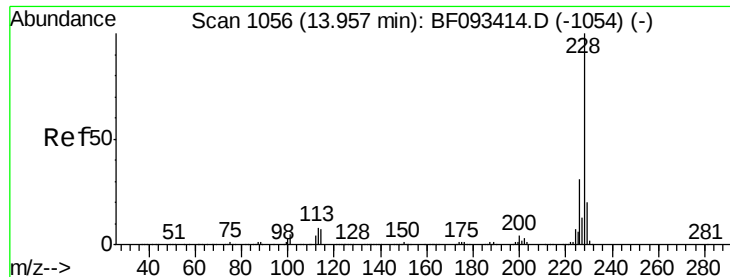


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 30.33 ng

RT: 13.96 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

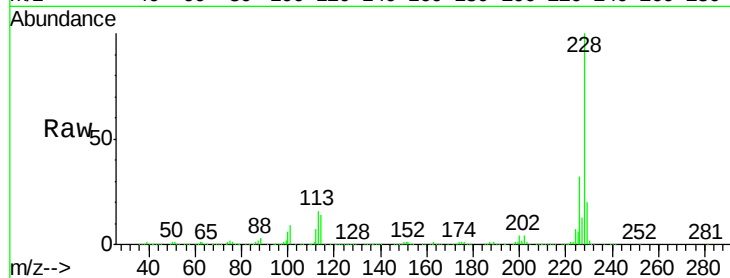
Tot Ion:228 Resp: 1031834

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

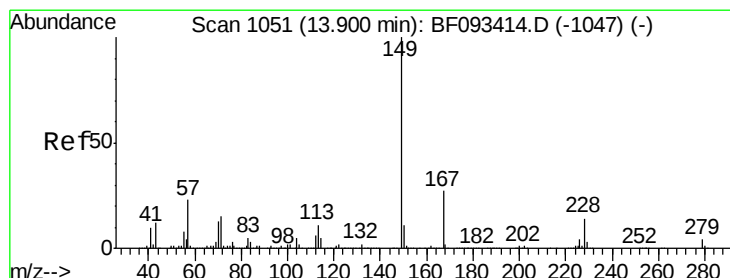
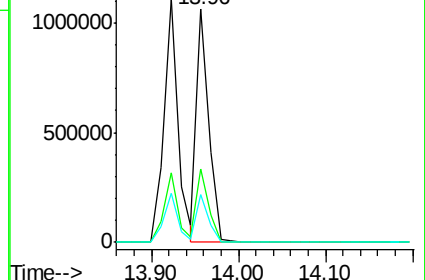
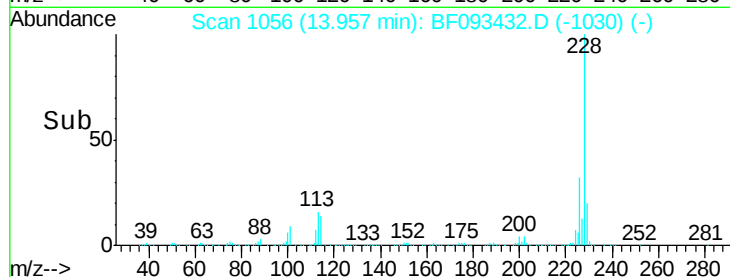
229 20.3 16.2 24.2



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: 36.02 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

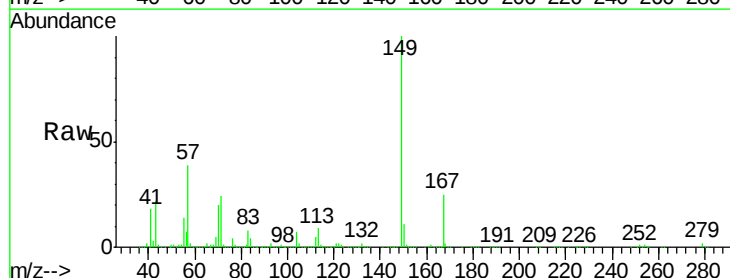
Tgt Ion:149 Resp: 956975

Ion Ratio Lower Upper

149 100

167 25.5 20.2 30.4

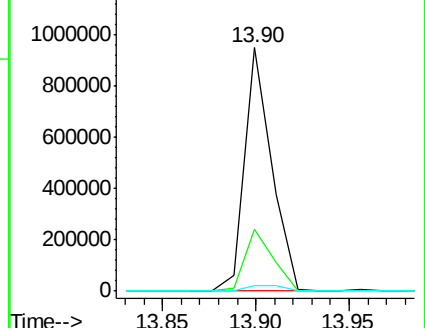
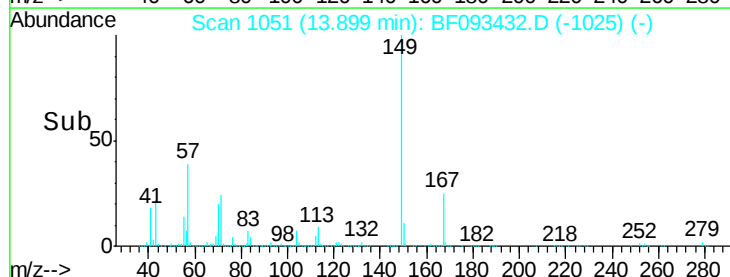
279 2.2 1.8 2.8

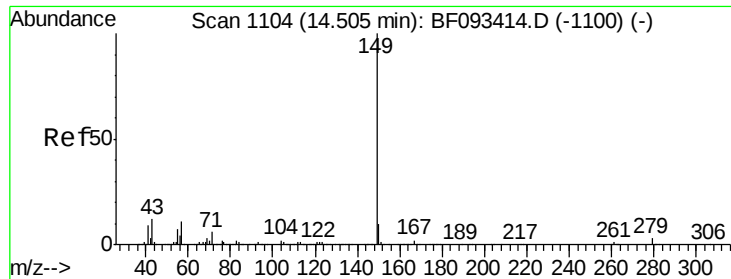


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

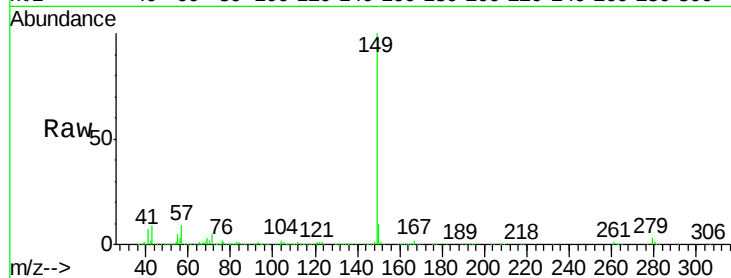




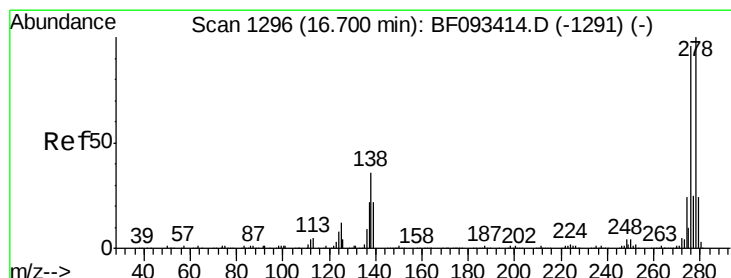
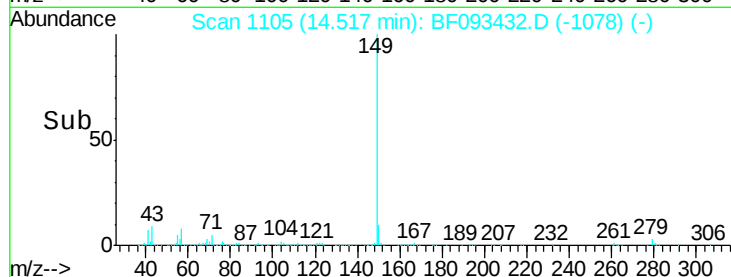
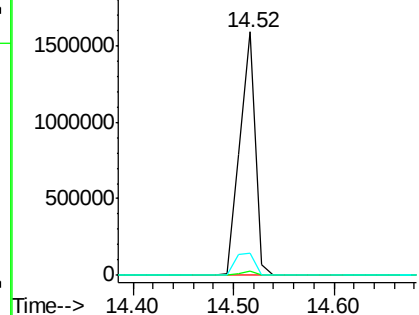
#84
Di-n-octyl phthalate
Concen: 38.22 ng
RT: 14.52 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion:149 Resp: 1692493
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 8.9 13.3

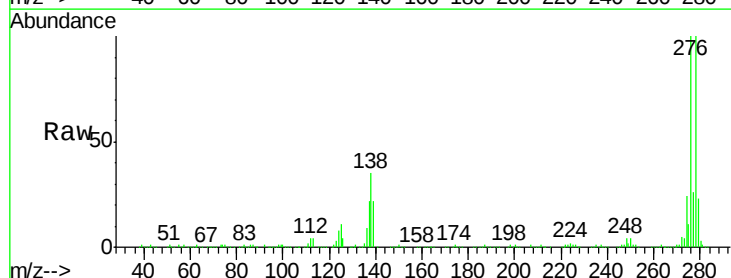


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

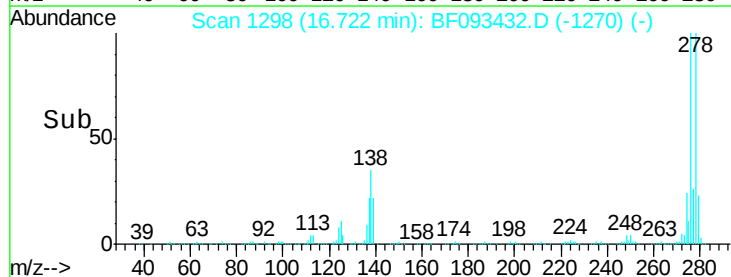
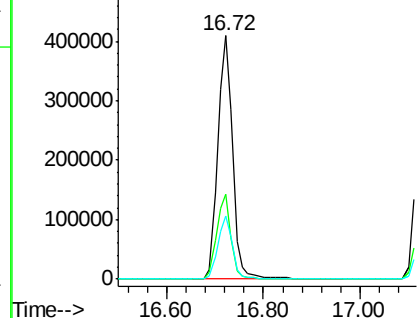


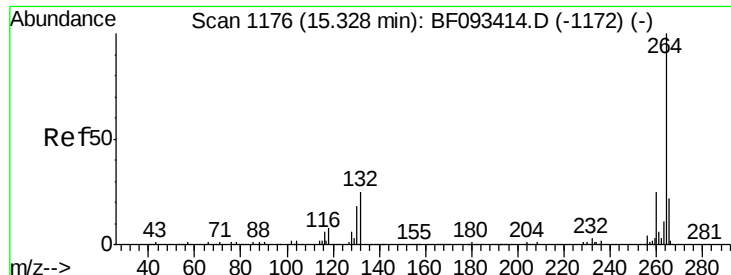
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.39 ng
RT: 16.72 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:276 Resp: 893976
Ion Ratio Lower Upper
276 100
138 33.9 21.8 32.6#
277 25.4 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



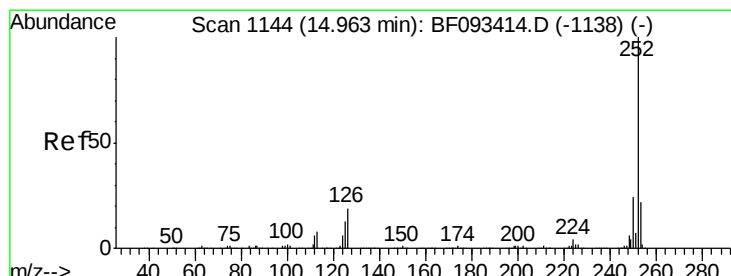
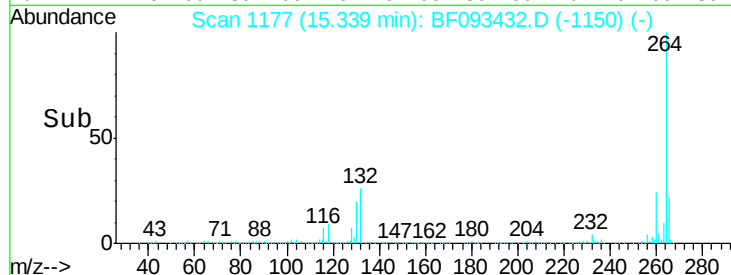
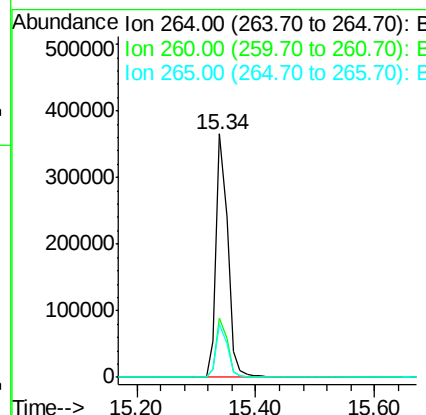
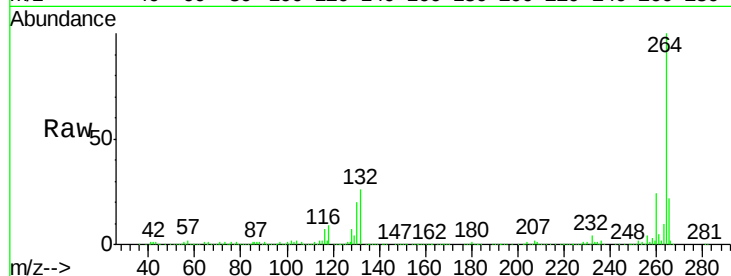


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97430BS

Tot Ion:264 Resp: 496995

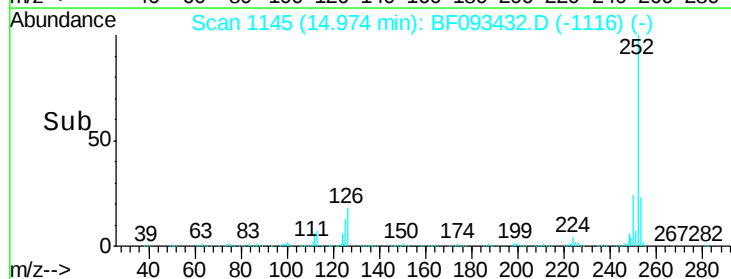
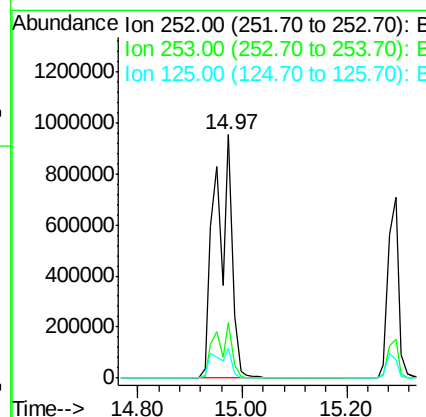
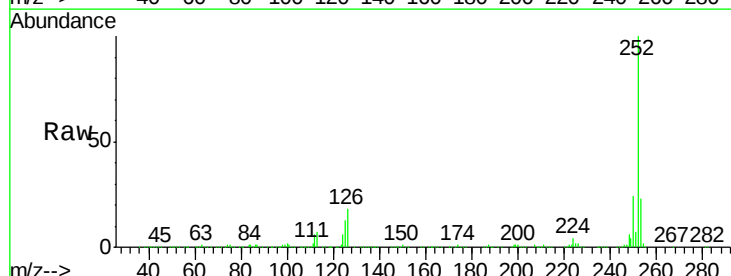
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.4	26.0

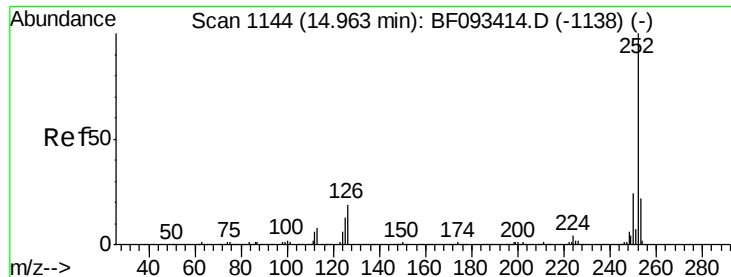


#87
Benzo(b)fluoranthene
Concen: 69.92 ng
RT: 14.97 min Scan# 1145
Delta R.T. 0.03 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:252 Resp: 2116318

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	12.5	9.8	14.6

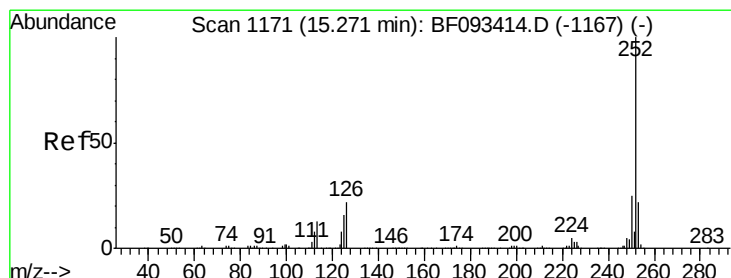
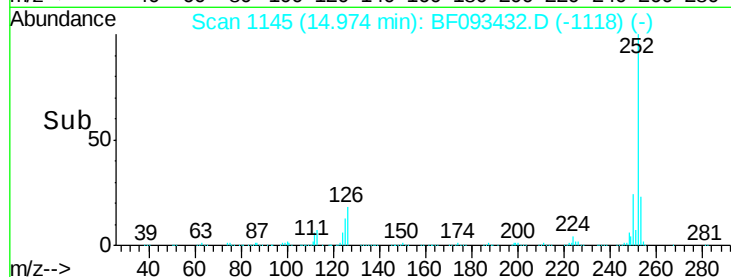
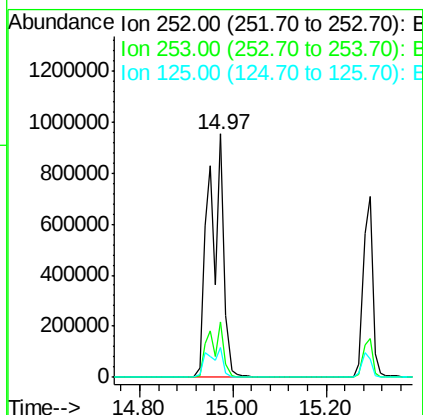
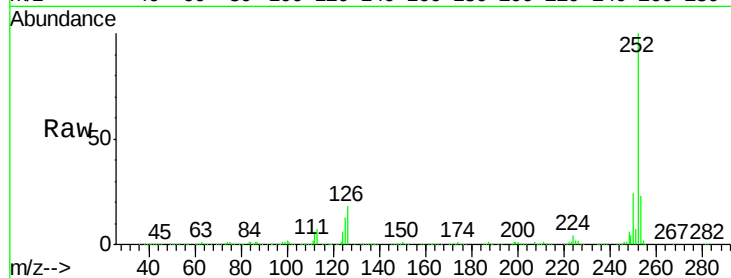




#88
Benzo(k)fluoranthene
Concen: 72.55 ng
RT: 14.97 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

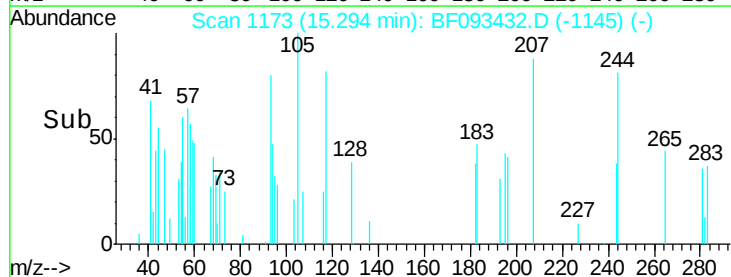
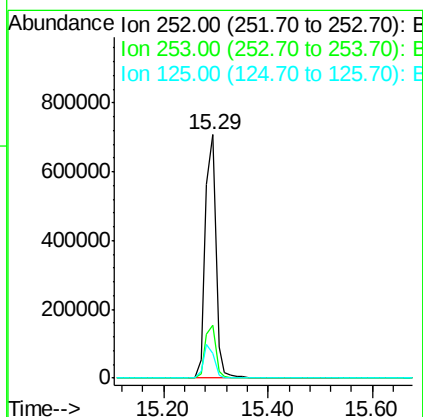
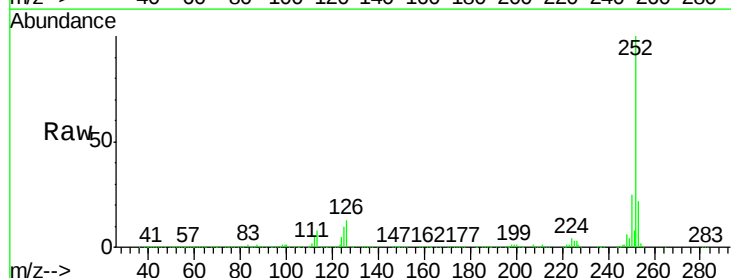
Instrument :
BNA_F
ClientSampleId :
PB97430BS

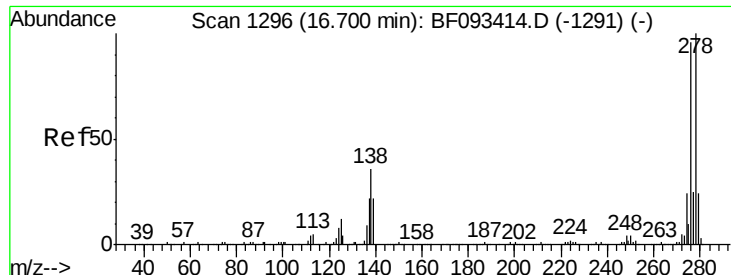
Tot Ion:252 Resp: 2117668
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 12.5 8.9 13.3



#89
Benzo(a)pyrene
Concen: 36.07 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093432.D
Acq: 8 Mar 2017 17:01

Tgt Ion:252 Resp: 997842
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 10.3 10.0 15.0





#90

Dibenzo(a,h)anthracene

Concen: 33.06 ng

RT: 16.72 min Scan# 1298

Delta R.T. 0.02 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97430BS

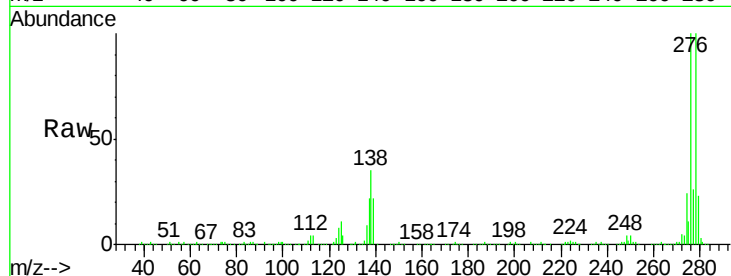
Tot Ion:278 Resp: 756682

Ion Ratio Lower Upper

278 100

139 21.7 14.8 22.2

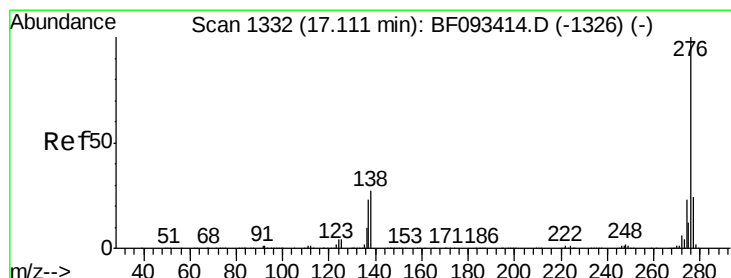
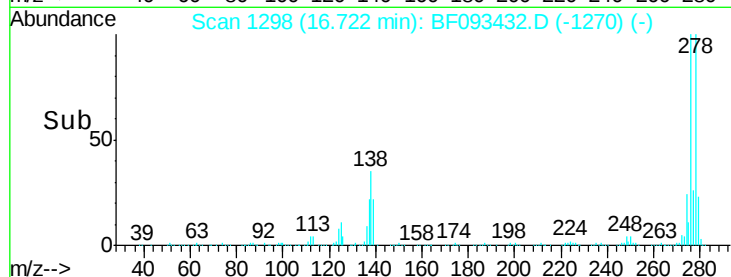
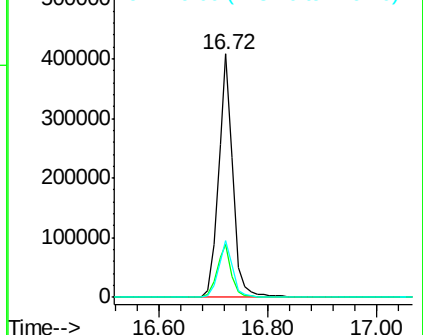
279 23.4 19.8 29.6



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: 32.84 ng

RT: 17.13 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF093432.D

Acq: 8 Mar 2017 17:01

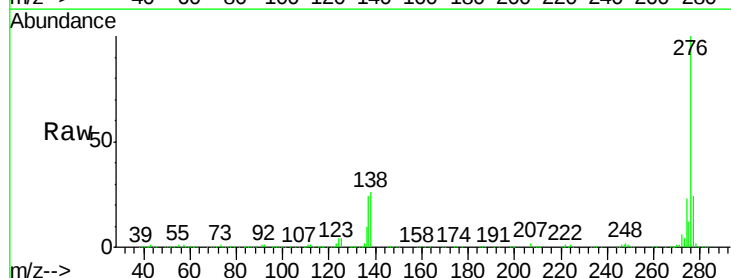
Tgt Ion:276 Resp: 771283

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 26.2 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

