

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093819.D
 Acq On : 22 Mar 2017 6:24
 Operator : SJ/MA
 Sample : PB97716BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Quant Time: Mar 22 07:02:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	200671	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	850851	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	372909	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	593570	20.00	ng	0.00
75) Chrysene-d12	13.97	240	336048	20.00	ng	0.00
86) Perylene-d12	15.37	264	345915	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	979328	85.34	ng	0.01
7) Phenol-d6	6.46	99	1254821	88.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	1202493	80.17	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	252946	87.57	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1827094	82.39	ng	0.00
78) Terphenyl-d14	12.93	244	1294190	78.52	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	197927	34.04	ng	99
3) Pyridine	3.19	79	518098	33.26	ng	98
4) n-Nitrosodimethylamine	3.13	42	264068	39.31	ng	93
6) Aniline	6.48	93	417678	21.07	ng	# 62
8) 2-Chlorophenol	6.61	128	546454	43.29	ng	94
9) Benzaldehyde	6.37	77	180370	18.00	ng	95
10) Phenol	6.47	94	599254	37.60	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	490234	37.88	ng	98
12) 1,3-Dichlorobenzene	6.77	146	568803	39.73	ng	99
13) 1,4-Dichlorobenzene	6.85	146	609944	41.76	ng	99
14) 1,2-Dichlorobenzene	7.00	146	518468	38.70	ng	98
15) Benzyl Alcohol	6.97	79	481114	45.79	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	767104	37.28	ng	99
17) 2-Methylphenol	7.09	107	465232	42.00	ng	97
18) Hexachloroethane	7.35	117	206652	39.91	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	358642	38.60	ng	99
20) 3+4-Methylphenols	7.24	107	562240	42.87	ng	# 86
22) Acetophenone	7.24	105	709460	38.51	ng	# 96
24) Nitrobenzene	7.41	77	526945	36.77	ng	100
25) Isophorone	7.66	82	1048732	39.47	ng	# 91
26) 2-Nitrophenol	7.73	139	304425	46.98	ng	95
27) 2,4-Dimethylphenol	7.77	122	566037	42.47	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	619960	36.26	ng	99
29) 2,4-Dichlorophenol	7.97	162	455444	40.15	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	474062	40.24	ng	99
31) Naphthalene	8.14	128	1619567	41.01	ng	100
32) Benzoic acid	7.89	122	339785	41.00	ng	99
33) 4-Chloroaniline	8.18	127	235394	13.87	ng	# 89
34) Hexachlorobutadiene	8.26	225	239864	38.72	ng	98
35) Caprolactam	8.55	113	152789	42.90	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	492789	41.92	ng	84
37) 2-Methylnaphthalene	8.82	142	1029134	39.92	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	408573	41.37	ng	99
40) Hexachlorocyclopentadiene	8.98	237	262910	52.77	ng	98

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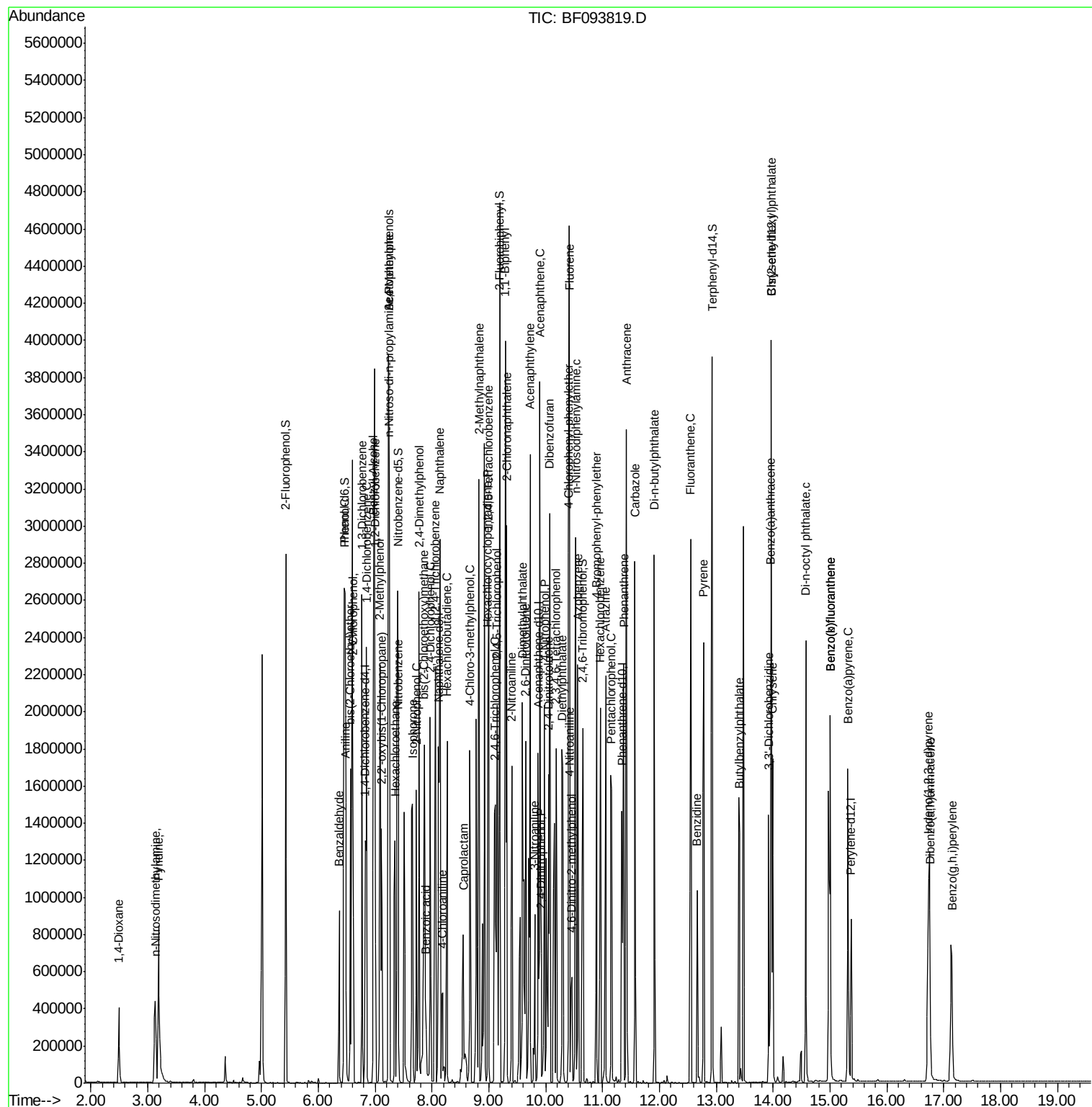
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	332091	46.32	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	309125	41.53	nq	96
45) 1,1'-Biphenyl	9.29	154	1237214	40.82	nq	98
46) 2-Chloronaphthalene	9.32	162	995435	42.84	nq	96
47) 2-Nitroaniline	9.41	65	323167	49.80	nq	# 75
48) Acenaphthylene	9.73	152	1456004	38.50	nq	99
49) Dimethylphthalate	9.59	163	1079667	40.68	nq	99
50) 2,6-Dinitrotoluene	9.65	165	231199	39.68	nq	# 79
51) Acenaphthene	9.90	154	917070	40.60	nq	100
52) 3-Nitroaniline	9.81	138	160683	22.97	nq	100
53) 2,4-Dinitrophenol	9.92	184	156249	68.32	nq	# 53
54) Dibenzofuran	10.07	168	1245564	40.98	nq	98
55) 4-Nitrophenol	9.98	139	421269	80.19	nq	# 71
56) 2,4-Dinitrotoluene	10.05	165	300133	40.58	nq	# 72
57) Fluorene	10.41	166	905558	38.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	222763	43.57	nq	98
59) Diethylphthalate	10.30	149	1083602	41.89	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	406036	41.38	nq	96
61) 4-Nitroaniline	10.42	138	240112	38.38	nq	94
62) Azobenzene	10.56	77	1097502	42.90	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	121170	35.24	nq	# 49
65) n-Nitrosodiphenylamine	10.53	169	936410	47.32	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	243385	42.60	nq	95
67) Hexachlorobenzene	10.96	284	249487	42.34	nq	# 87
68) Atrazine	11.05	200	271678	44.73	nq	96
69) Pentachlorophenol	11.16	266	274988	79.81	nq	99
70) Phenanthrene	11.37	178	1331772	42.13	nq	99
71) Anthracene	11.42	178	1303067	40.04	nq	100
72) Carbazole	11.57	167	1135292	35.23	nq	99
73) Di-n-butylphthalate	11.91	149	1474666	42.52	nq	100
74) Fluoranthene	12.55	202	1194866	36.77	nq	99
76) Benzidine	12.67	184	367814	24.95	nq	# 94
77) Pyrene	12.78	202	1203529	43.04	nq	99
79) Butylbenzylphthalate	13.41	149	535332	42.83	nq	94
80) Benzo(a)anthracene	13.96	228	822195	39.06	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	268944	33.91	nq	96
82) Chrysene	13.99	228	779724	37.07	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	653990	43.44	nq	99
84) Di-n-octyl phthalate	14.57	149	1117464	40.68	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	745658	43.30	nq	99
87) Benzo(b)fluoranthene	15.01	252	1651158	70.81	nq	98
88) Benzo(k)fluoranthene	15.01	252	1651158	95.89	nq	# 94
89) Benzo(a)pyrene	15.32	252	781455	41.33	nq	98
90) Dibenzo(a,h)anthracene	16.76	278	638898	40.69	nq	97
91) Benzo(g,h,i)perylene	17.15	276	595586	38.22	nq	94

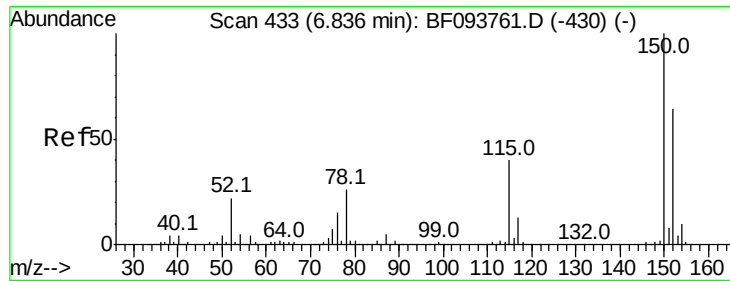
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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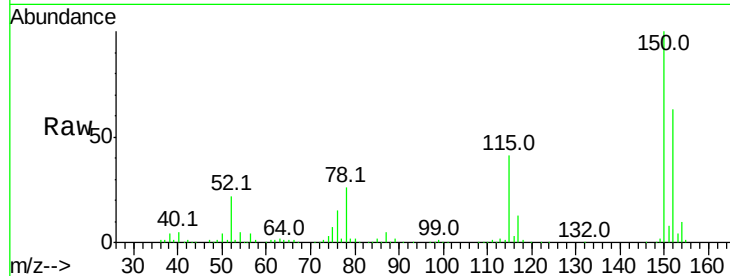


#1

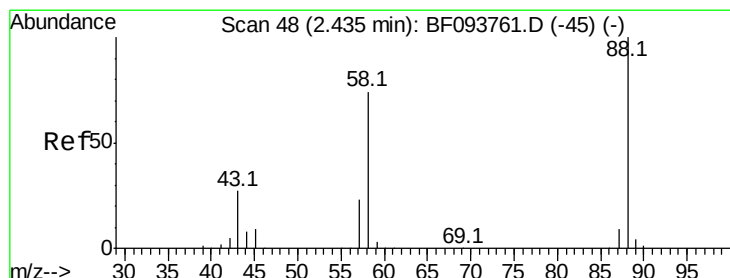
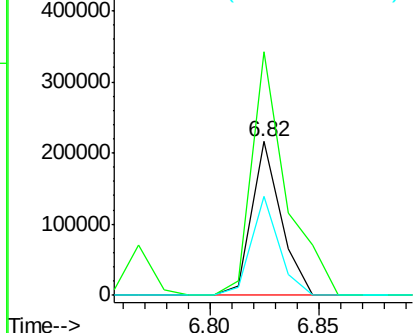
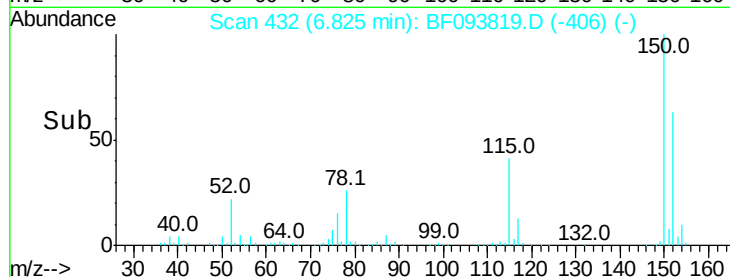
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB97716BSD

Tot Ion:152 Resp: 200671
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 64.7 52.2 78.2



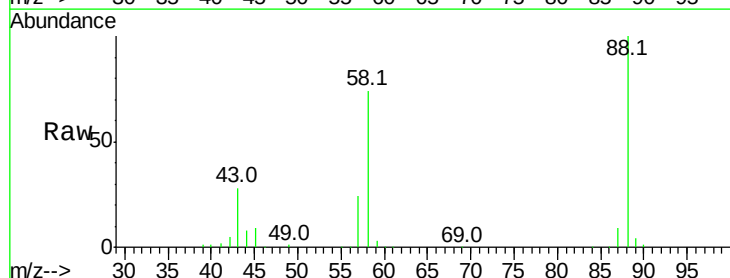
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



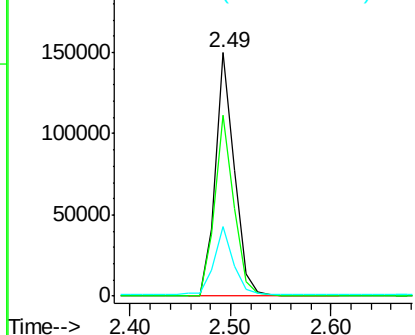
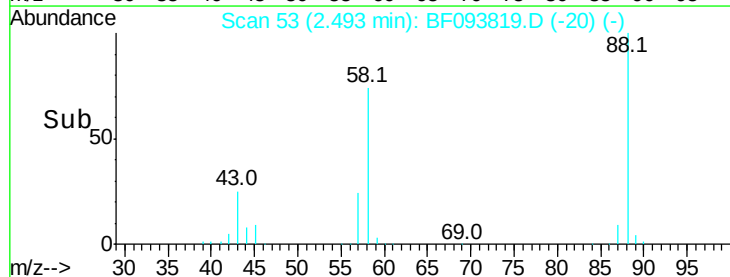
#2

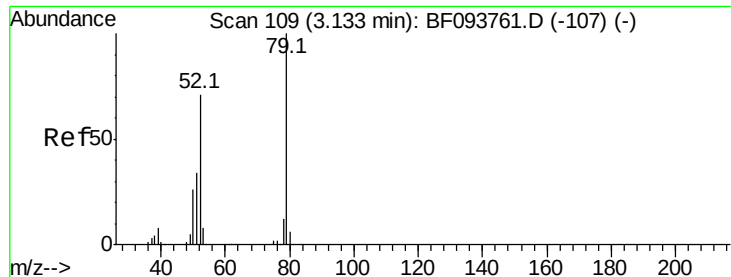
1,4-Dioxane
Concen: 34.04 ng
RT: 2.49 min Scan# 53
Delta R.T. 0.08 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion: 88 Resp: 197927
Ion Ratio Lower Upper
88 100
58 76.0 61.4 92.0
43 27.9 23.4 35.0



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

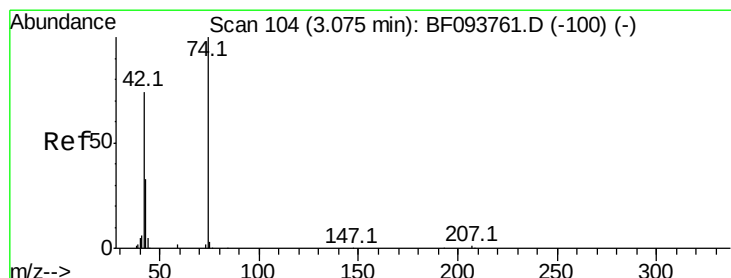
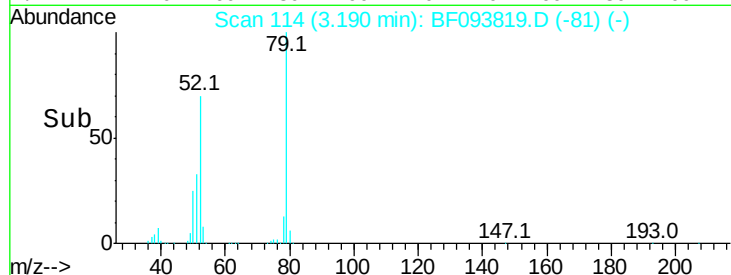
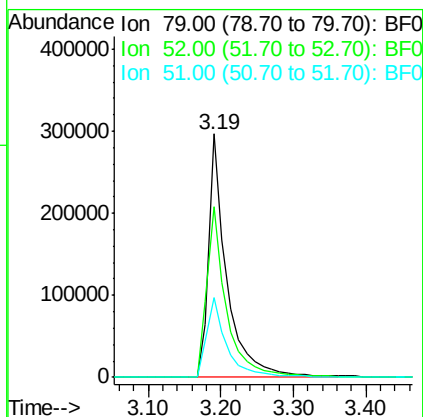
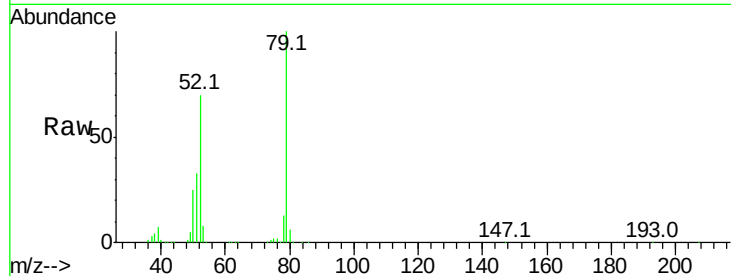




#3
 Pvridine
 Concen: 33.26 ng
 RT: 3.19 min Scan# 114
 Delta R.T. 0.08 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

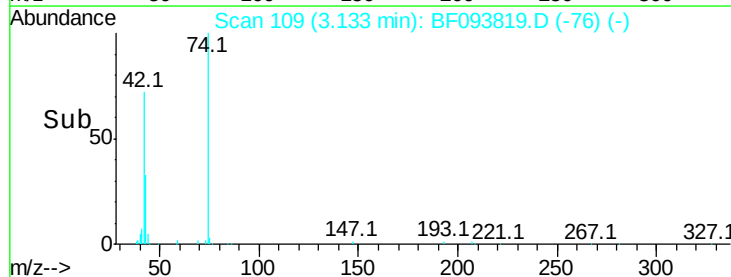
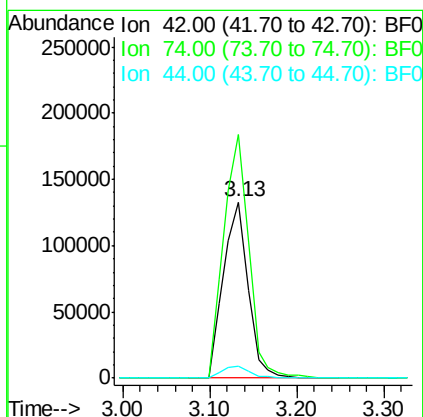
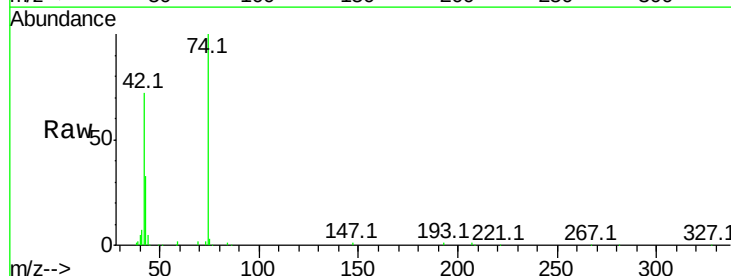
Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

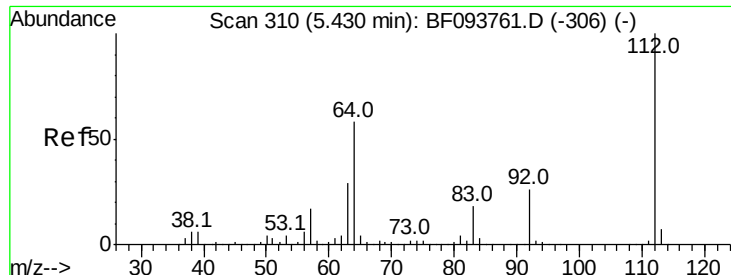
Tot Ion: 79 Resp: 518098
 Ion Ratio Lower Upper
 79 100
 52 70.2 54.8 82.2
 51 33.0 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 39.31 ng
 RT: 3.13 min Scan# 109
 Delta R.T. 0.08 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion: 42 Resp: 264068
 Ion Ratio Lower Upper
 42 100
 74 138.4 103.9 155.9
 44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 85.34 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

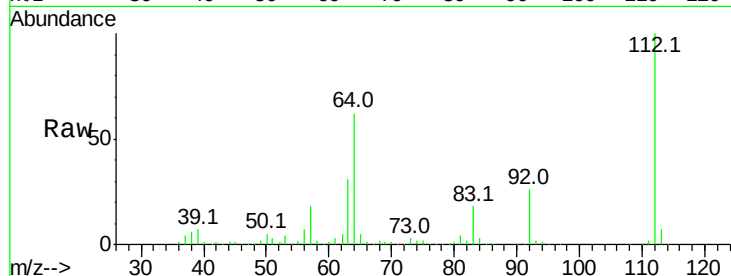
Tot Ion:112 Resp: 979328

Ion Ratio Lower Upper

112 100

64 61.7 46.0 69.0

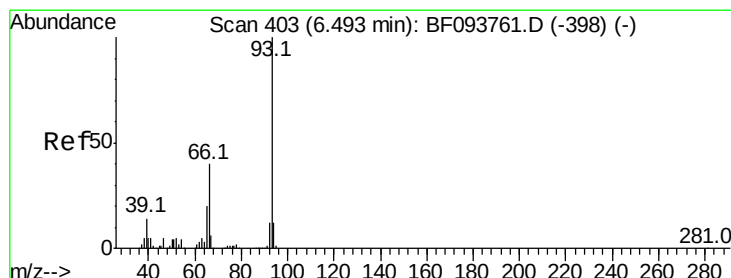
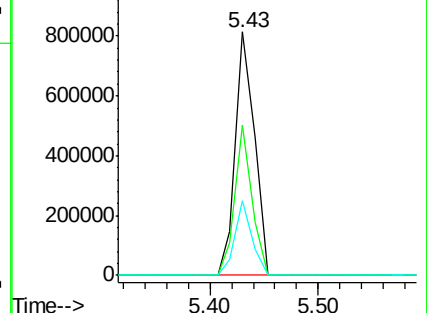
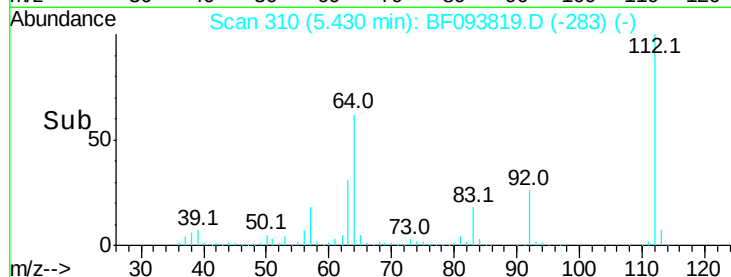
63 30.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.07 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

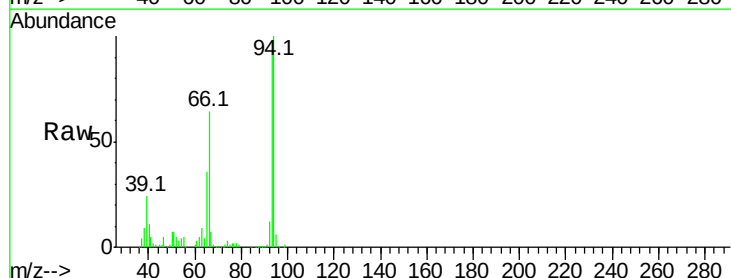
Tgt Ion: 93 Resp: 417678

Ion Ratio Lower Upper

93 100

66 65.2 32.9 49.3#

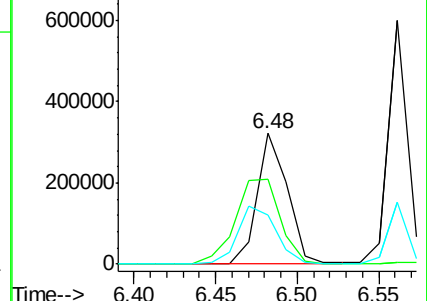
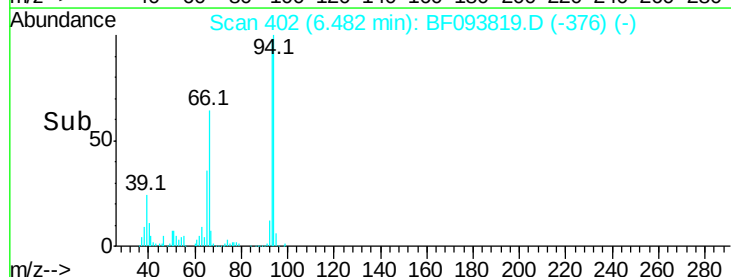
65 37.2 16.0 24.0#

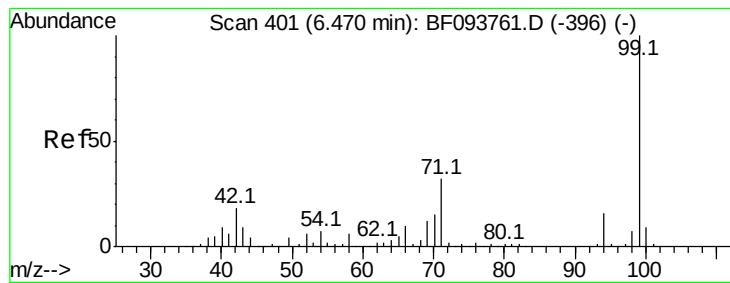


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.49 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093819.D

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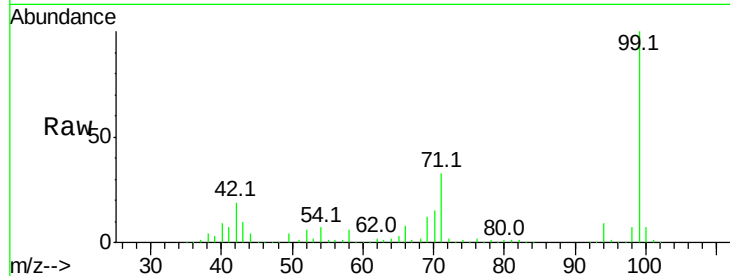
Tot Ion: 99 Resp: 1254821

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.5	20.3
71	32.7	24.5	36.7

99 100

42 18.6 13.5 20.3

71 32.7 24.5 36.7

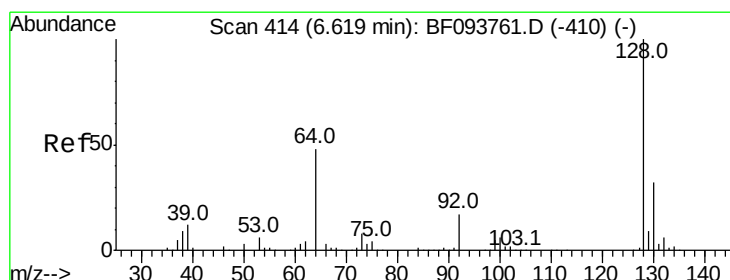
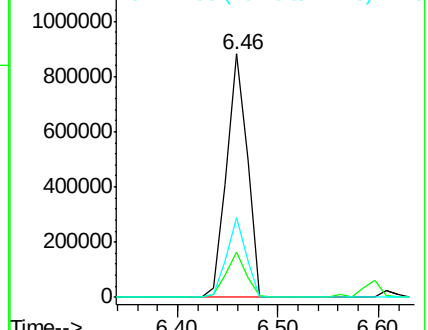
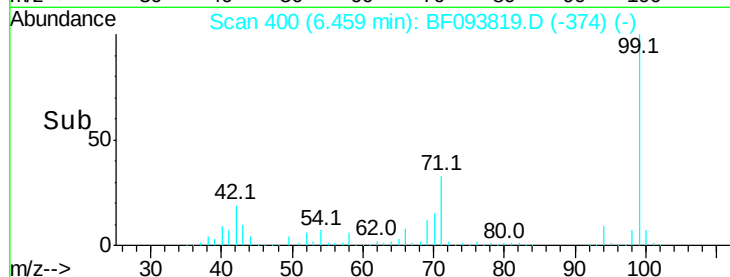


Abundance

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: 43.29 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

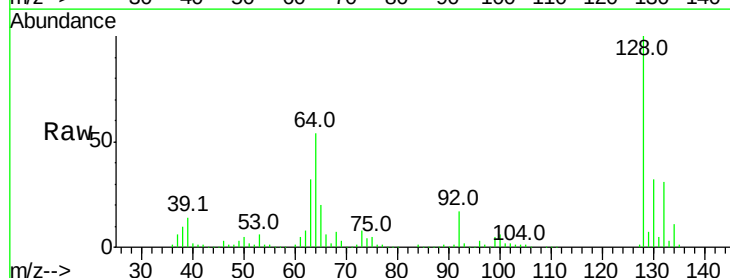
Tgt Ion: 128 Resp: 546454

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.9	52.9
64	54.3	28.4	68.4

128 100

130 31.8 12.9 52.9

64 54.3 28.4 68.4

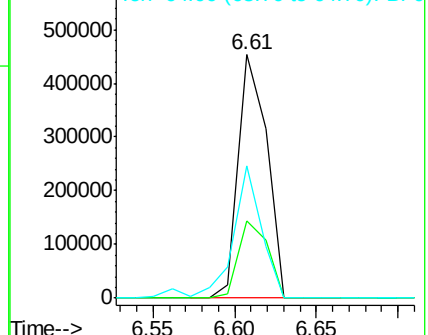
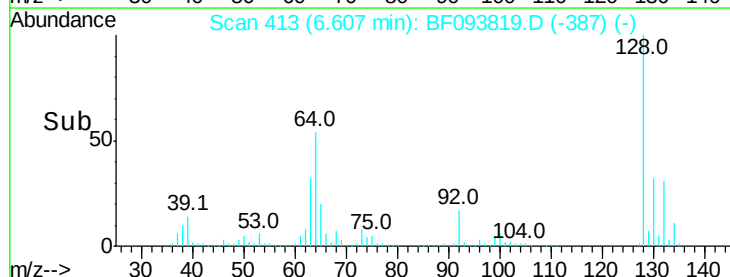


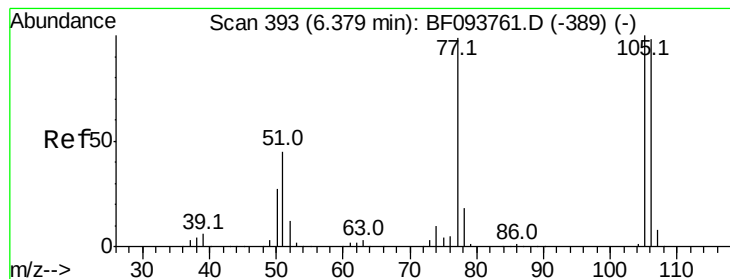
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.00 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.00 min

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Acq: 22 Mar 2017 6:24

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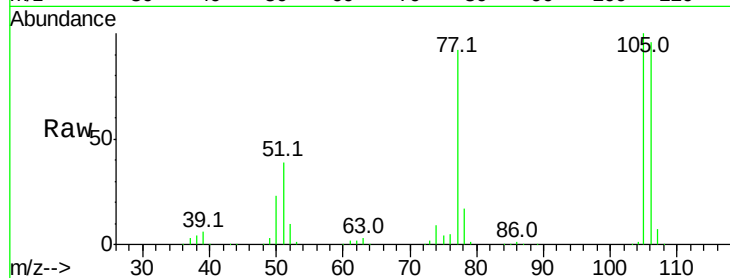
Tot Ion: 77 Resp: 180370

Ion Ratio Lower Upper

77 100

105 108.9 83.8 123.8

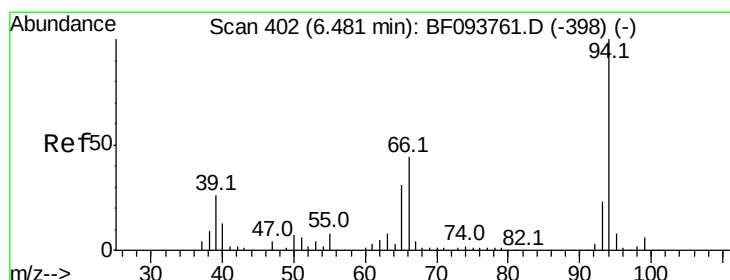
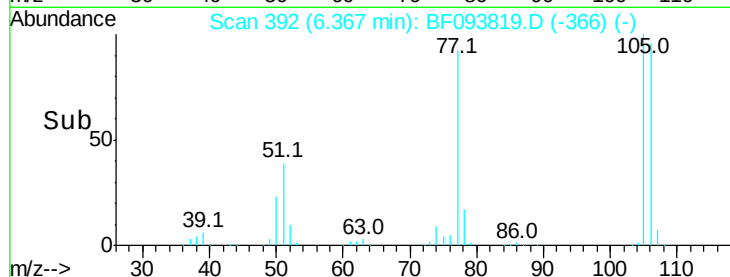
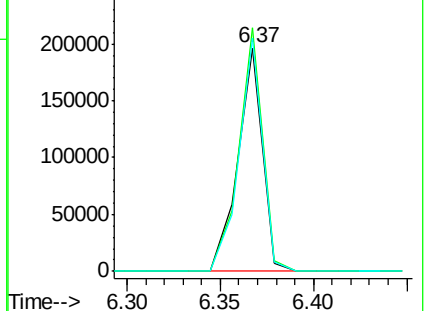
106 104.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.60 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

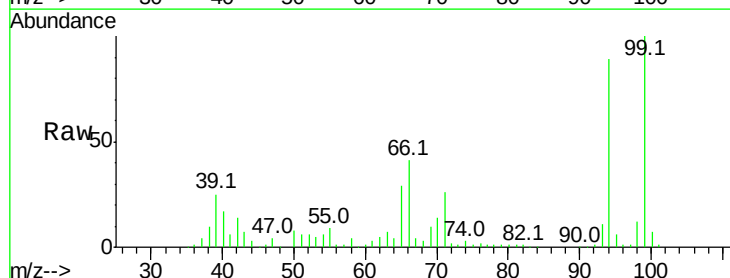
Tgt Ion: 94 Resp: 599254

Ion Ratio Lower Upper

94 100

65 32.1 9.9 49.9

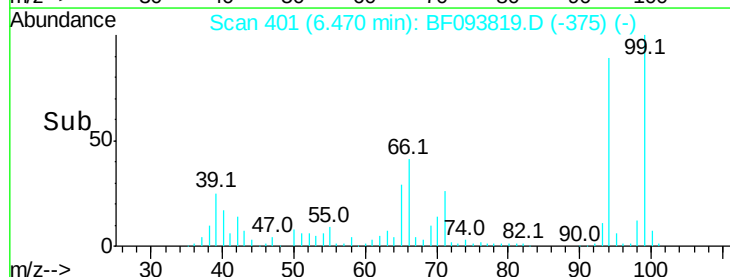
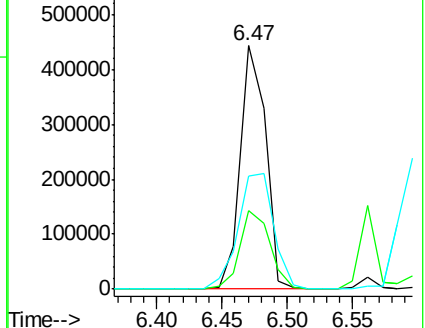
66 46.3 23.1 63.1

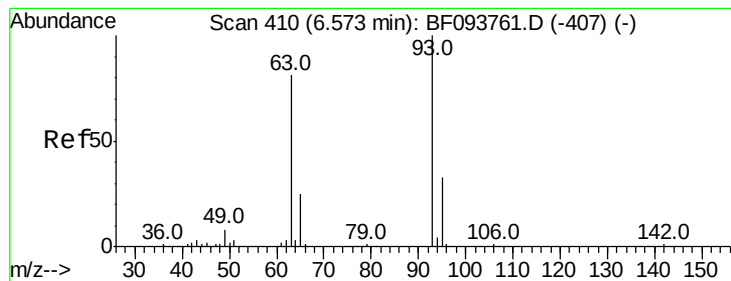


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.88 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

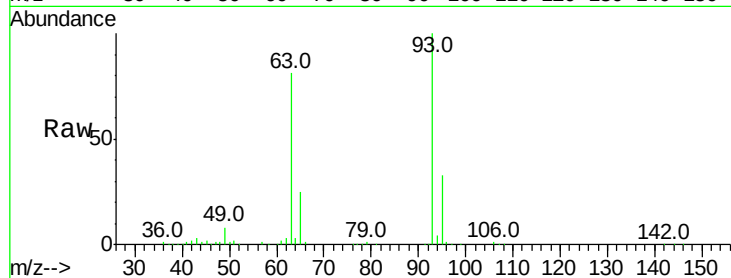
Tot Ion: 93 Resp: 490234

Ion Ratio Lower Upper

93 100

63 81.3 59.2 99.2

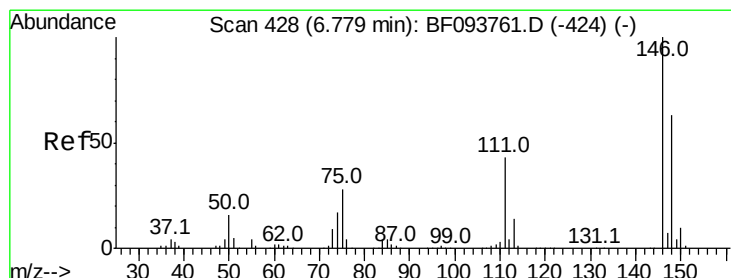
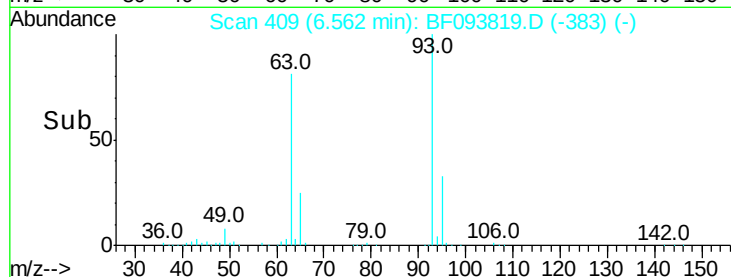
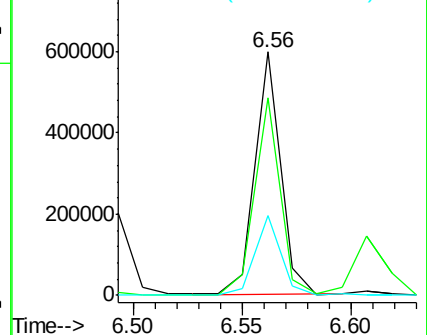
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.73 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

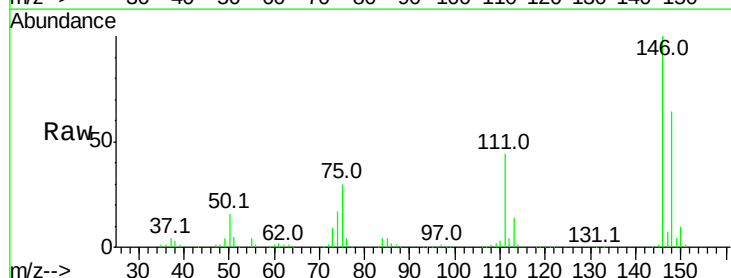
Tgt Ion: 146 Resp: 568803

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

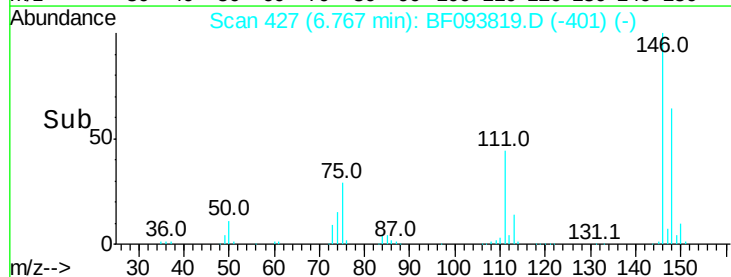
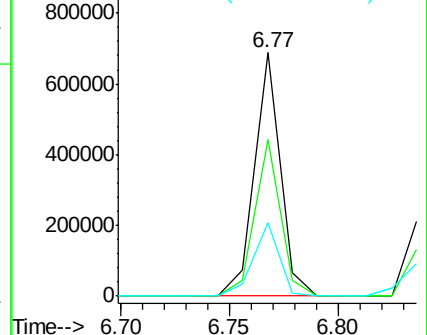
75 30.1 23.1 34.7

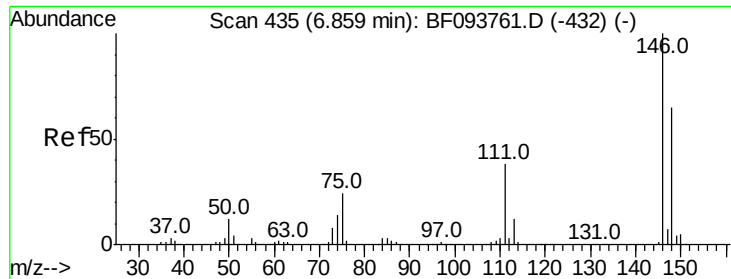


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

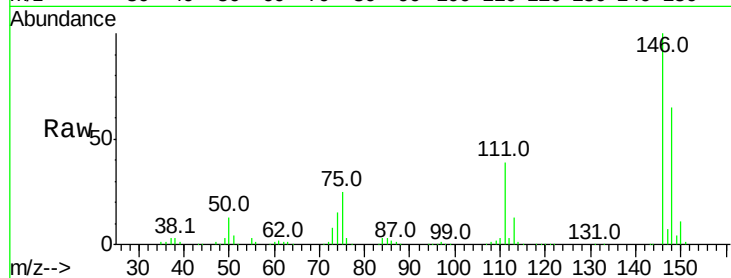




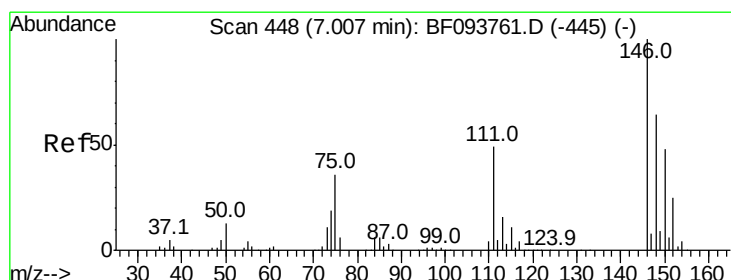
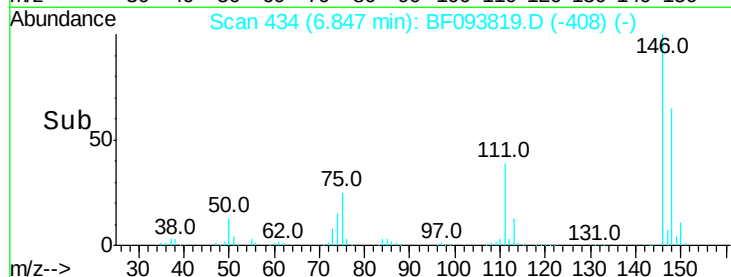
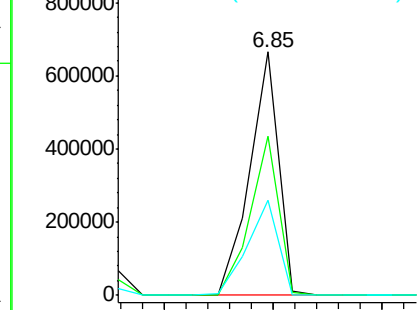
#13
 1,4-Dichlorobenzene
 Concen: 41.76 ng
 RT: 6.85 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Tot Ion:146 Resp: 609944
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 39.0 30.3 45.5

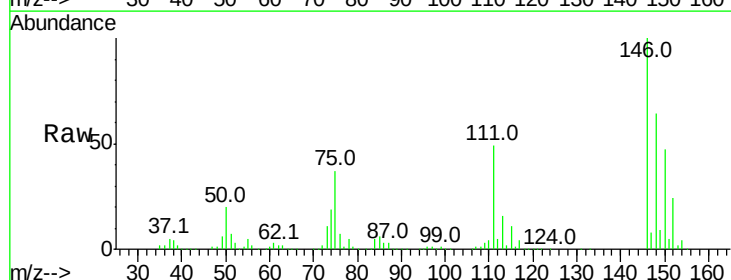


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

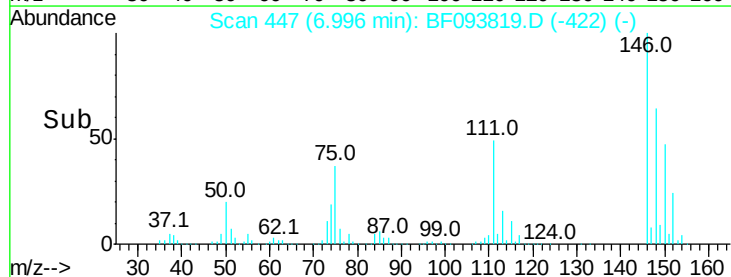
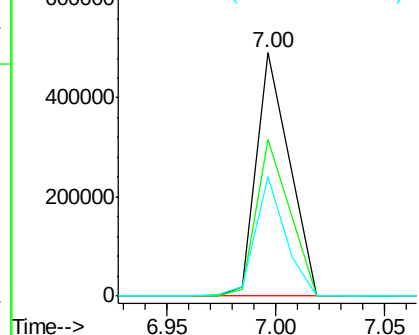


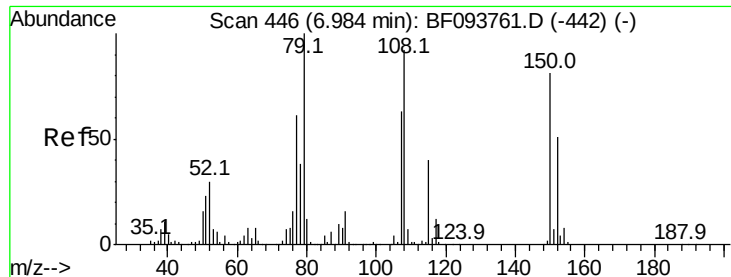
#14
 1,2-Dichlorobenzene
 Concen: 38.70 ng
 RT: 7.00 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion:146 Resp: 518468
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 49.0 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 45.79 ng

RT: 6.97 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

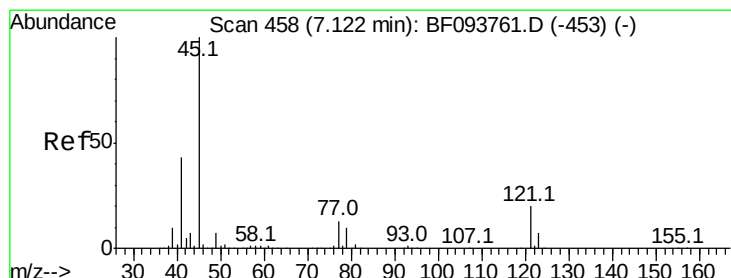
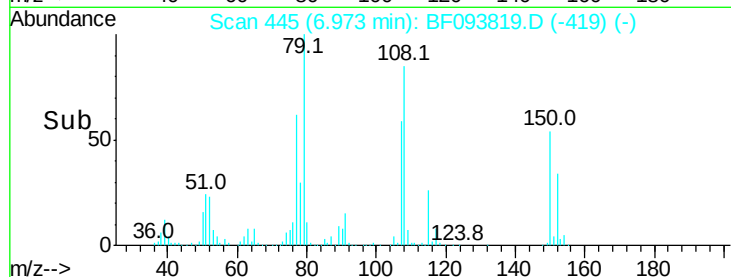
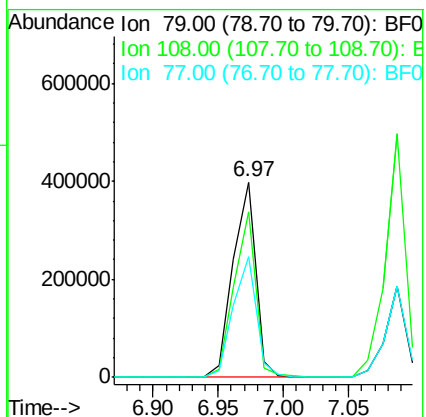
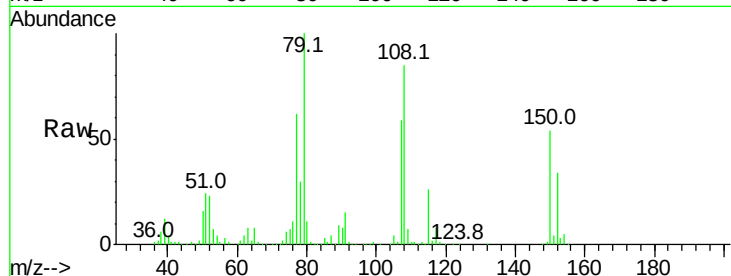
Tot Ion: 79 Resp: 481114

Ion Ratio Lower Upper

79 100

108 84.9 63.4 95.0

77 61.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.28 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

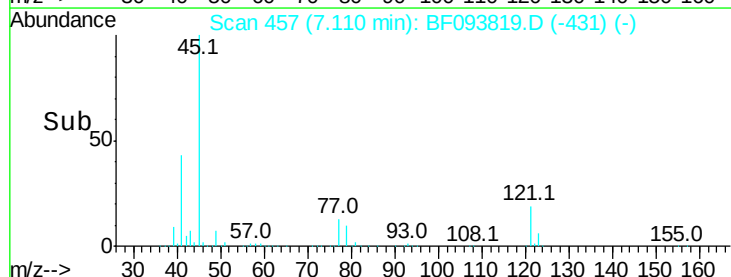
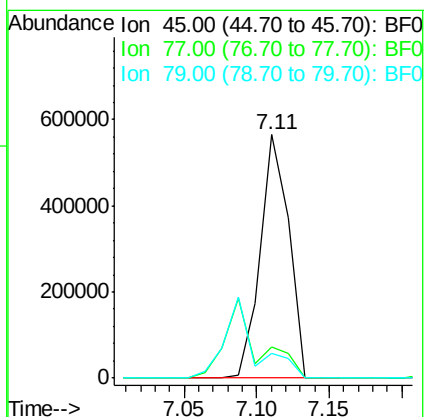
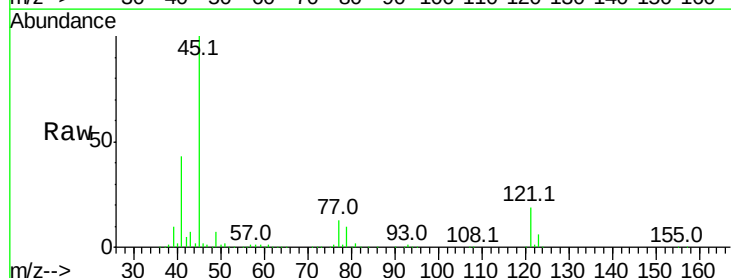
Tgt Ion: 45 Resp: 767104

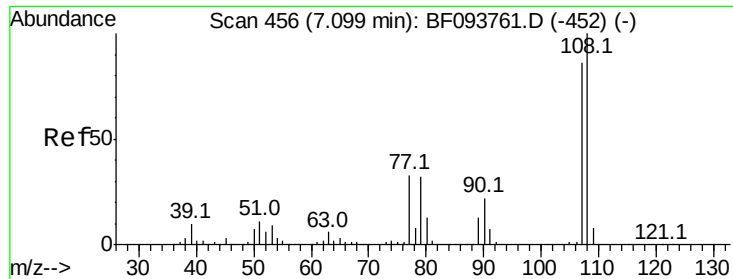
Ion Ratio Lower Upper

45 100

77 12.7 0.0 33.2

79 10.2 0.0 30.0





#17

2-Methylphenol

Concen: 42.00 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

Tot Ion:107 Resp: 465232

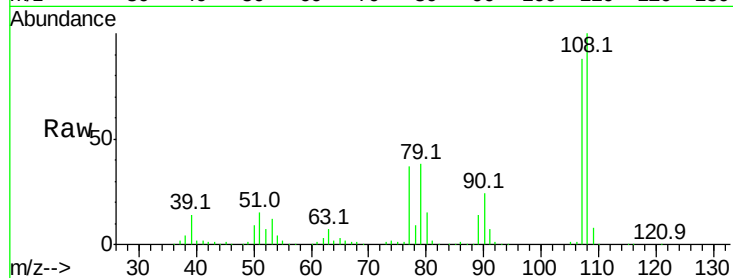
Ion Ratio Lower Upper

107 100

108 113.4 93.4 140.0

77 42.3 35.8 53.6

79 42.6 34.8 52.2

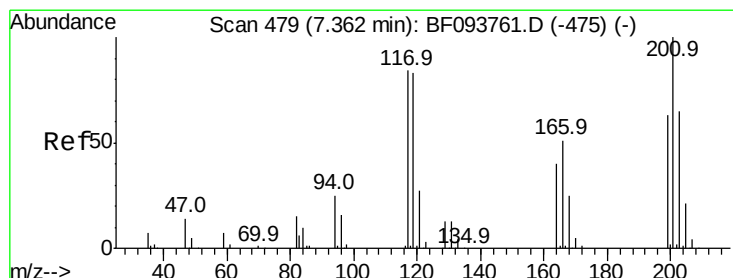
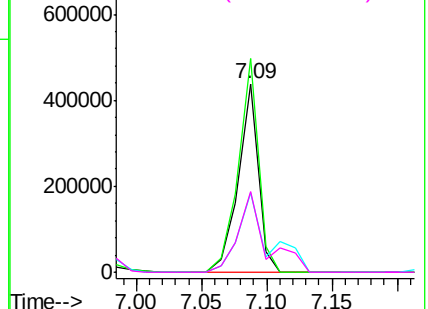
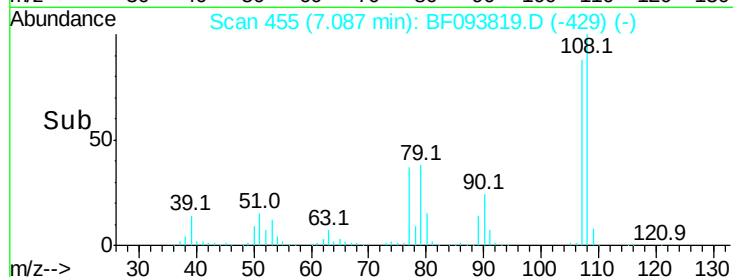


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.91 ng

RT: 7.35 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

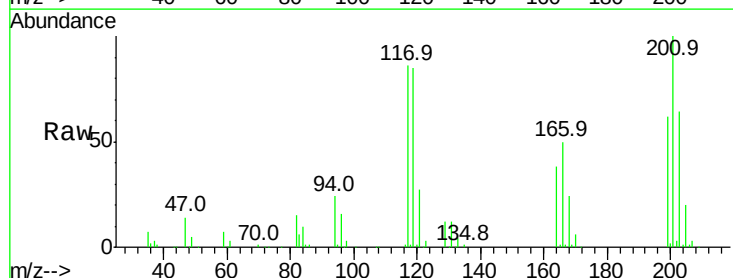
Tgt Ion:117 Resp: 206652

Ion Ratio Lower Upper

117 100

119 98.8 77.4 116.0

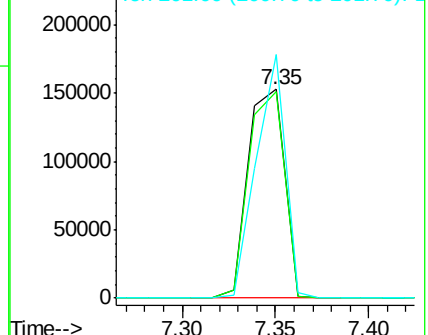
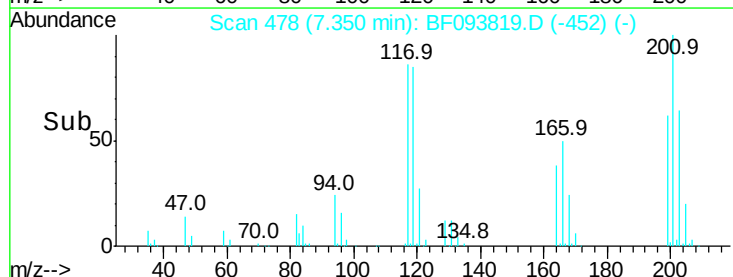
201 116.6 94.6 141.8

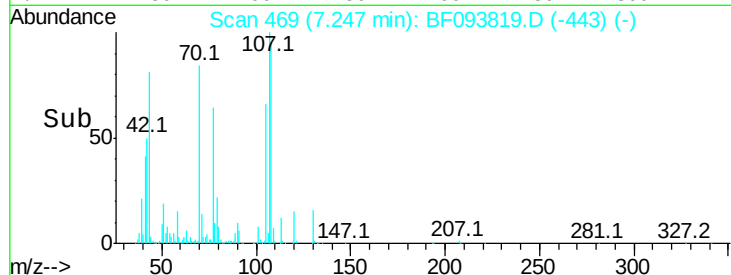
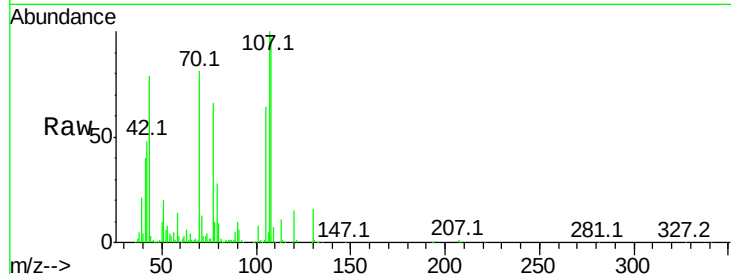
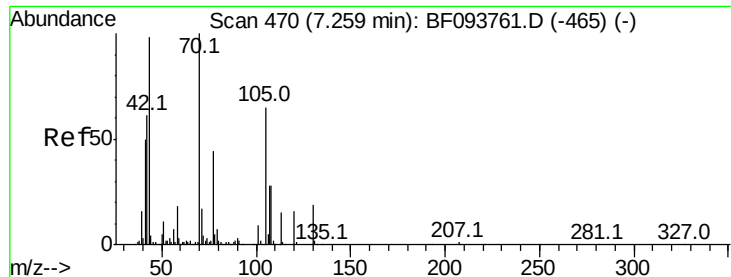


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

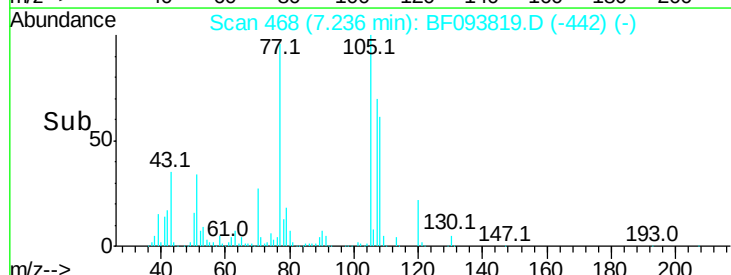
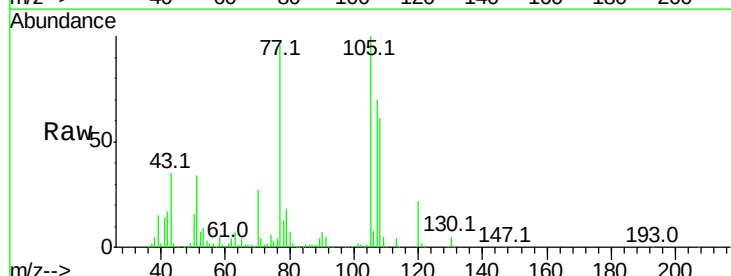
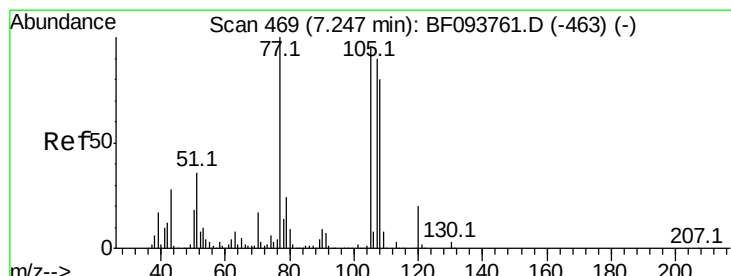
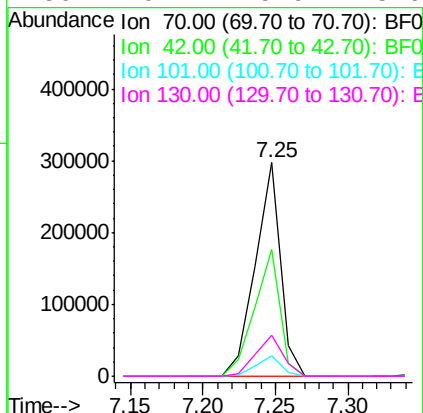




#19
n-Nitroso-di-n-propylamine
Concen: 38.60 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

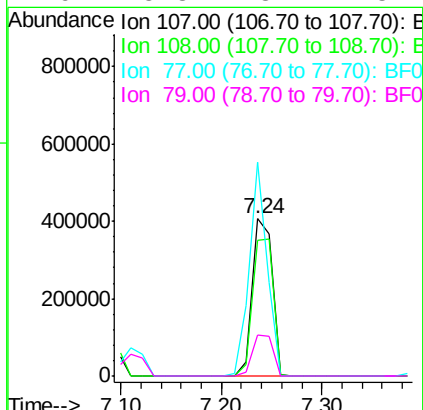
Instrument :
BNA_F
ClientSampleId :
PB97716BSD

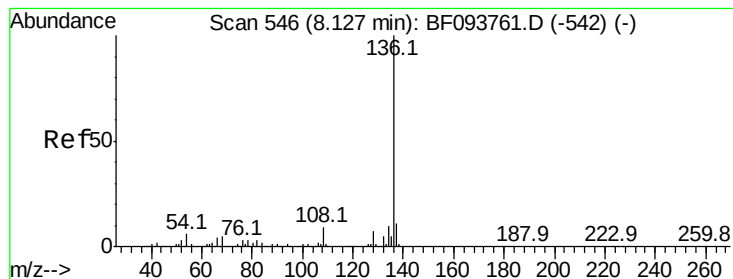
Tot Ion:	70	Resp:	358642
Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.2	70.8
101	9.3	7.2	10.8
130	19.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.87 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:	107	Resp:	562240
Ion	Ratio	Lower	Upper
107	100		
108	86.6	71.0	111.0
77	136.0	90.5	130.5#
79	25.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

Tot Ion:136 Resp: 850851

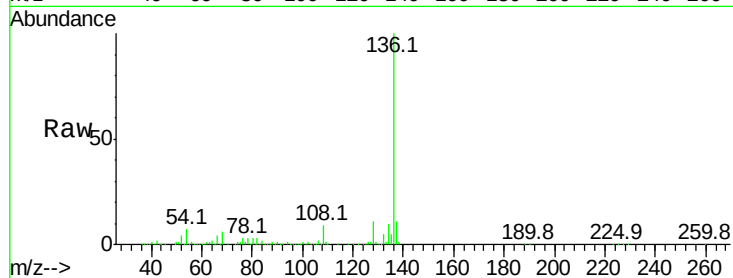
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1

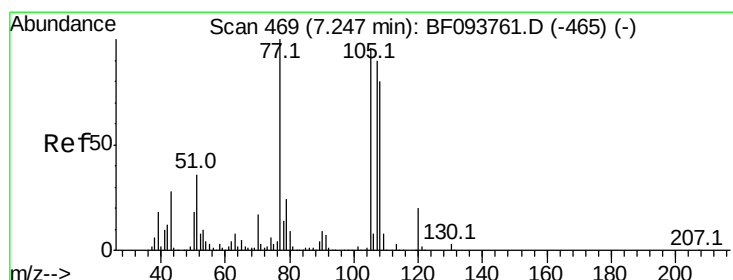
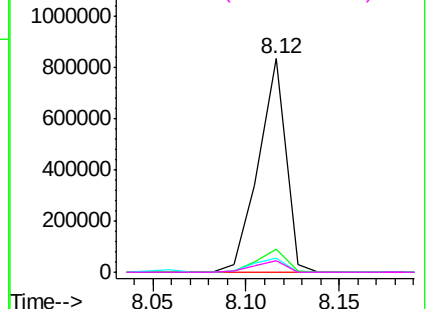
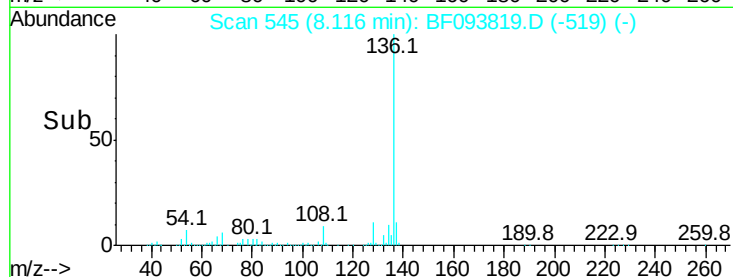


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.51 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Tgt Ion:105 Resp: 709460

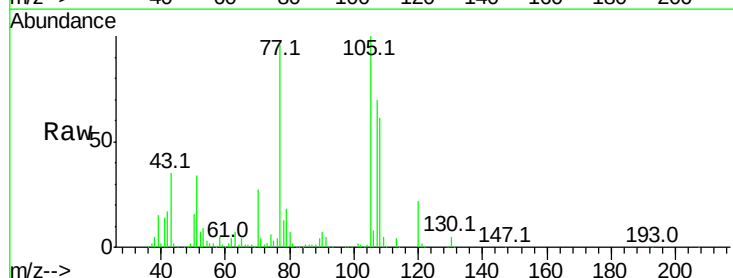
Ion Ratio Lower Upper

105 100

71 4.3 2.8 4.2#

51 34.5 30.7 46.1

120 21.7 17.4 26.0

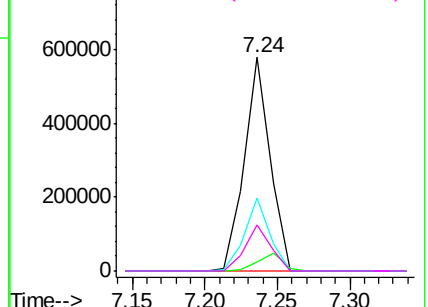
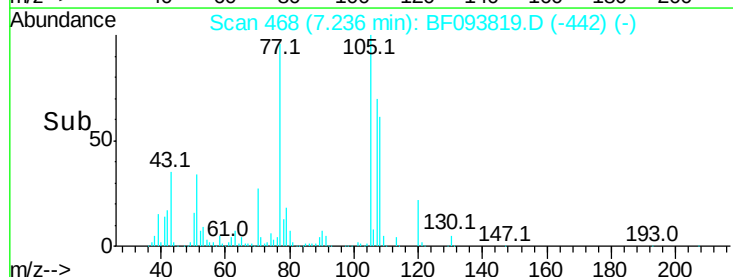


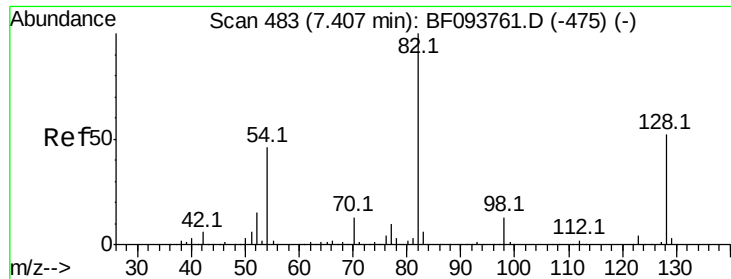
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



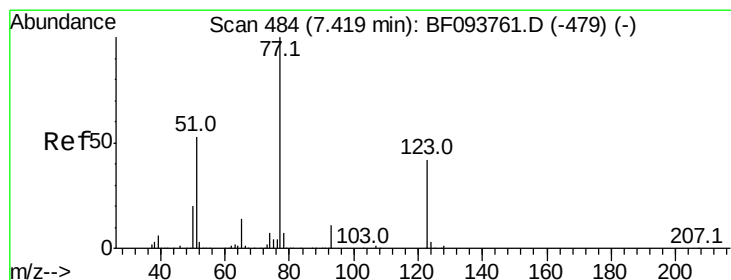
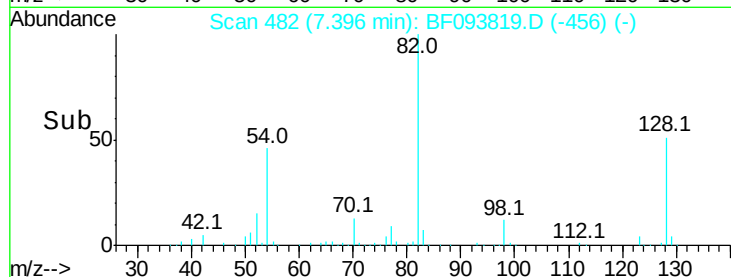
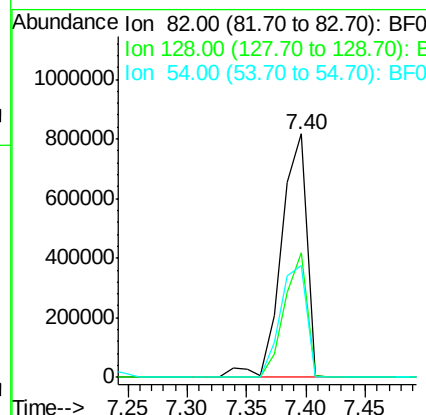
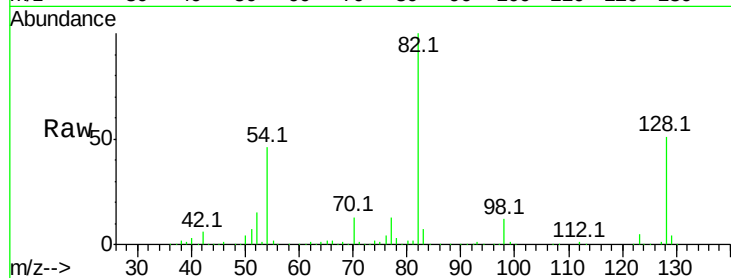


#23
 Nitrobenzene-d5
 Concen: 80.17 ng
 RT: 7.40 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Tot Ion: 82 Resp: 1202493

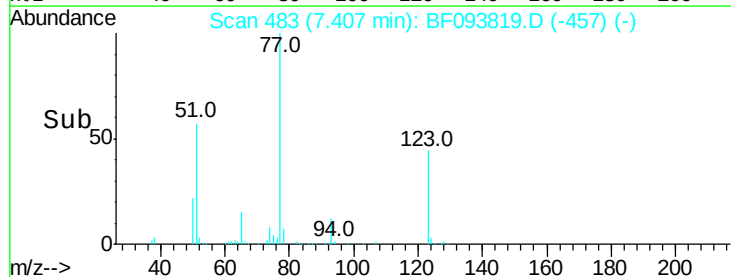
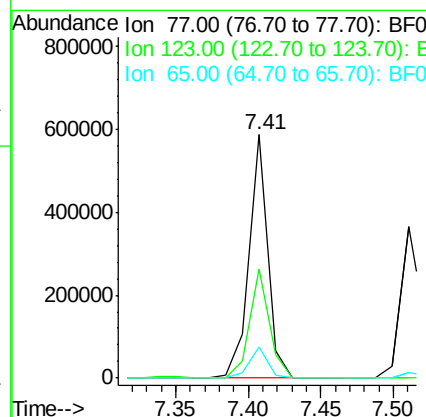
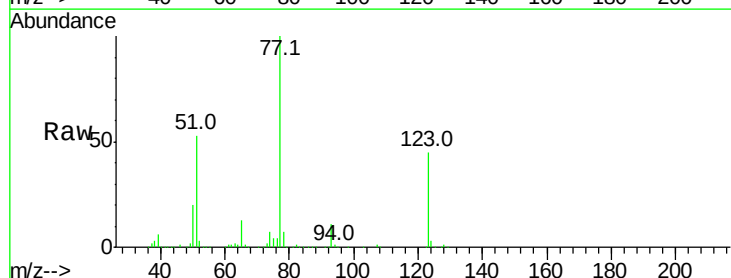
Ion	Ratio	Lower	Upper
82	100		
128	51.1	34.0	51.0#
54	46.1	42.2	63.2

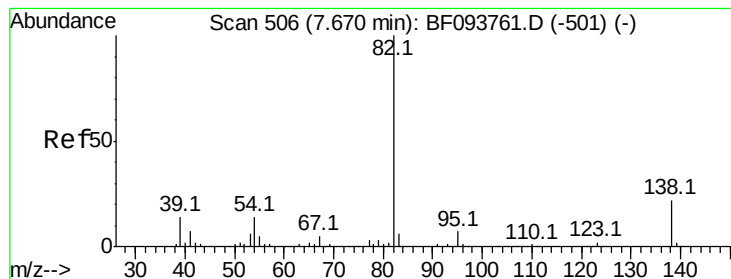


#24
 Nitrobenzene
 Concen: 36.77 ng
 RT: 7.41 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion: 77 Resp: 526945

Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 39.47 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

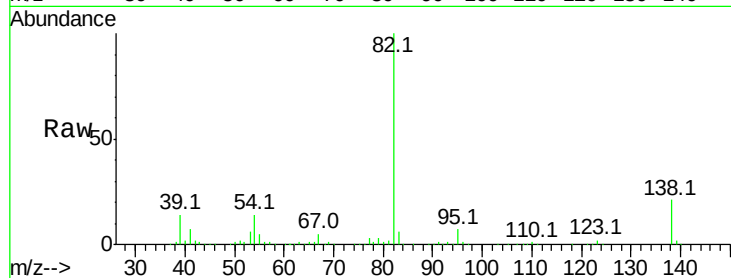
Tot Ion: 82 Resp: 1048732

Ion Ratio Lower Upper

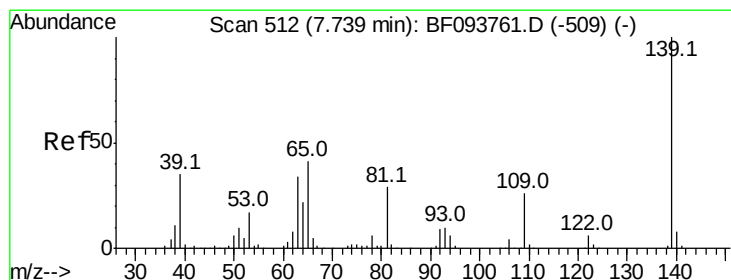
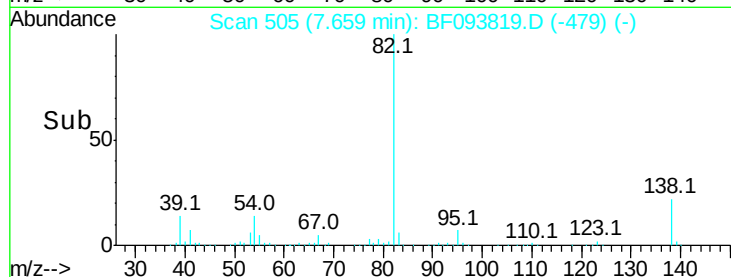
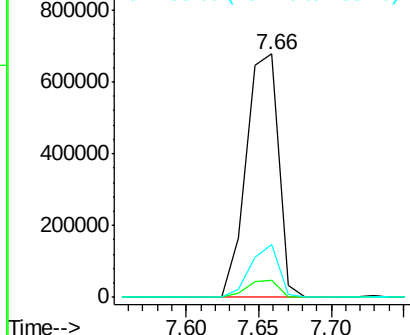
82 100

95 7.2 5.3 7.9

138 21.5 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.98 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

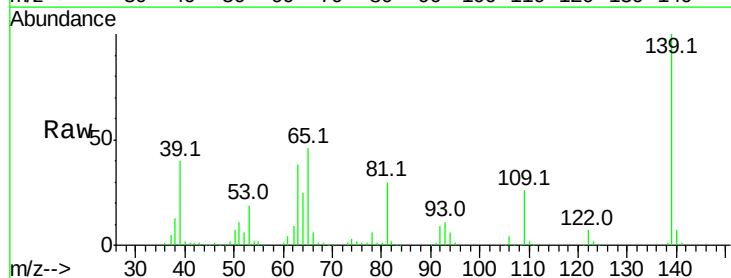
Tgt Ion:139 Resp: 304425

Ion Ratio Lower Upper

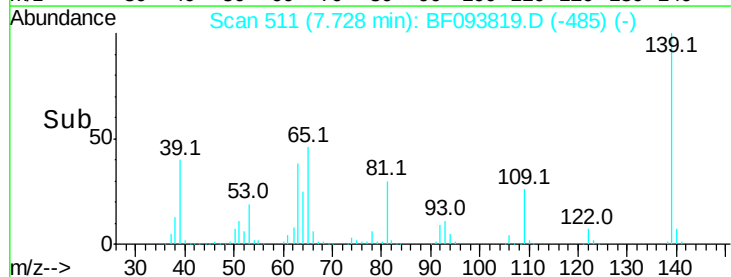
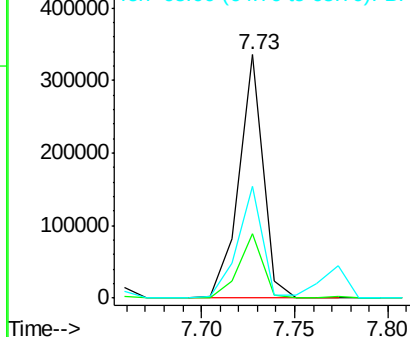
139 100

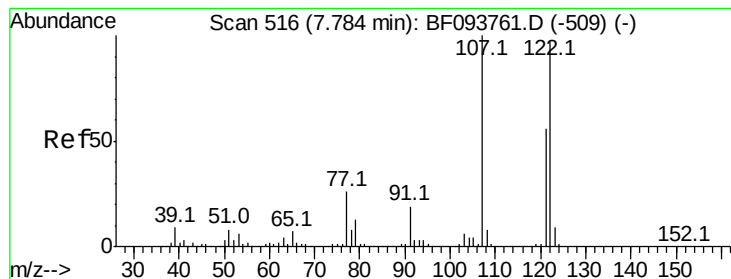
109 26.2 21.0 31.6

65 46.2 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 42.47 ng

RT: 7.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

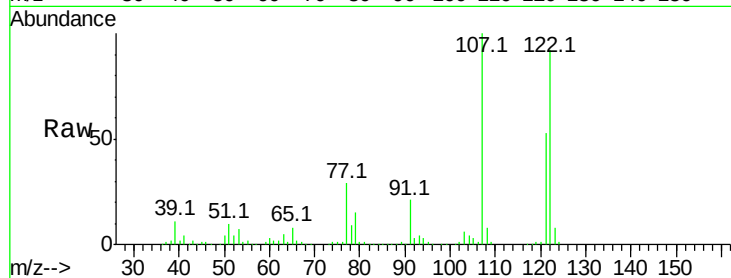
Tot Ion:122 Resp: 566037

Ion Ratio Lower Upper

122 100

107 109.3 89.2 133.8

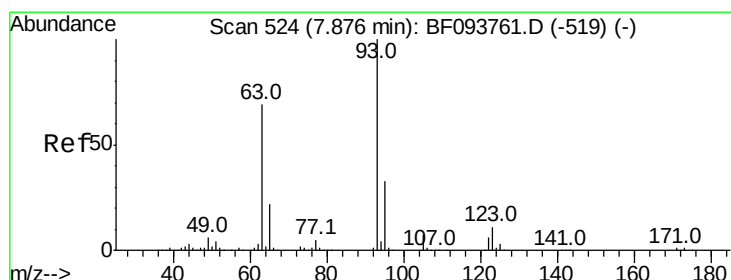
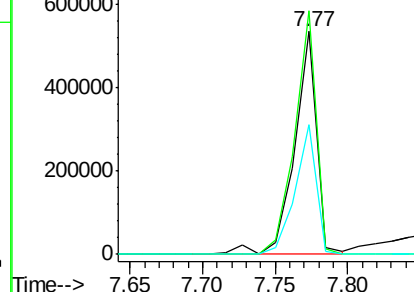
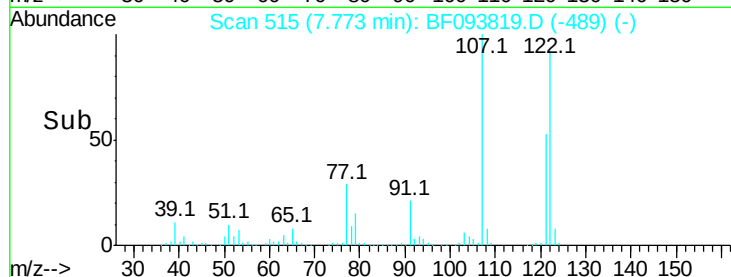
121 58.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.26 ng

RT: 7.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

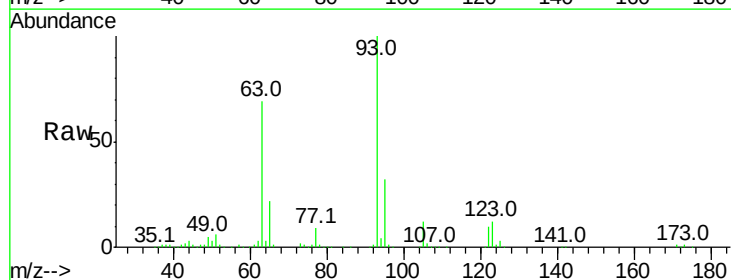
Tgt Ion: 93 Resp: 619960

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

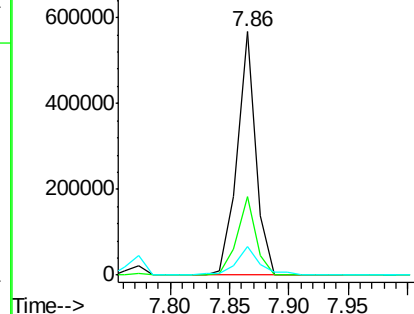
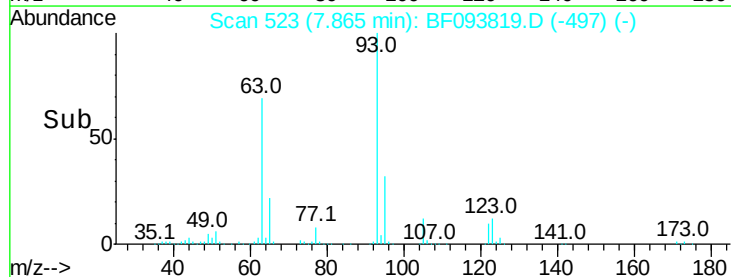
123 11.5 9.0 13.4

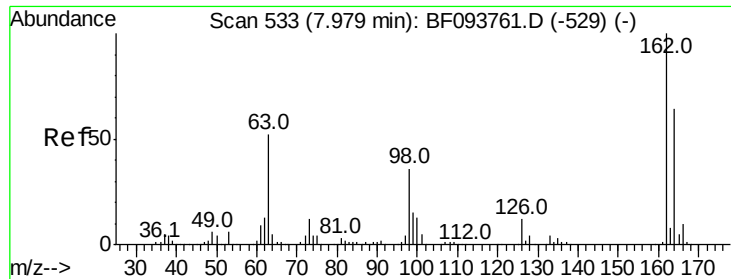


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

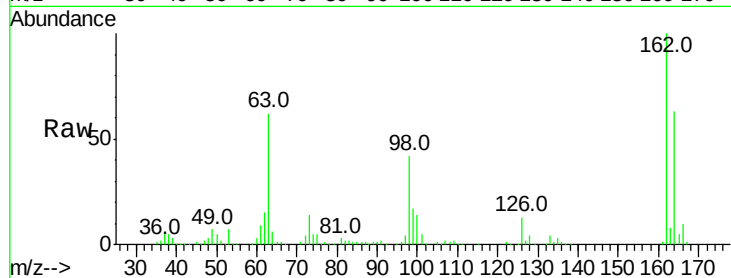




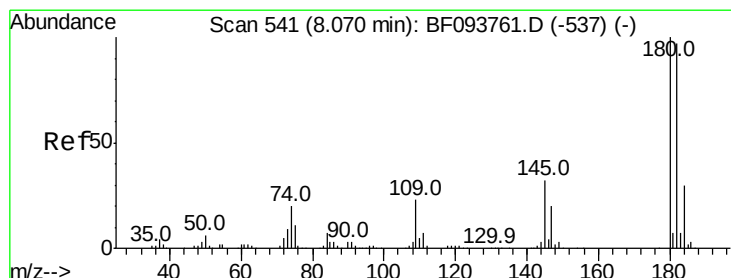
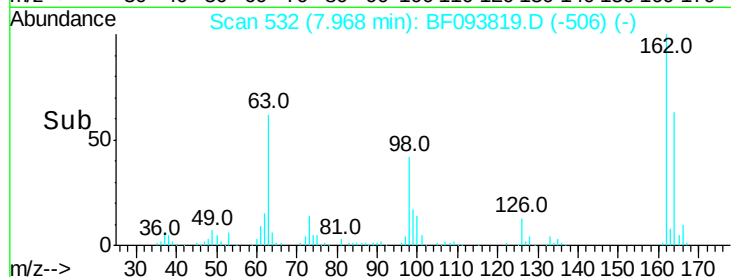
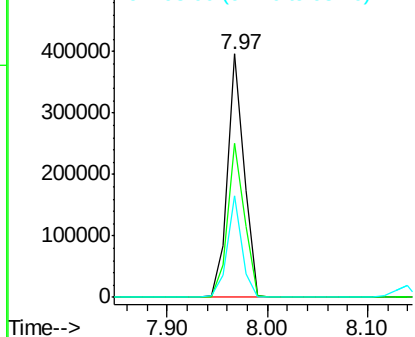
#29
 2,4-Dichlorophenol
 Concen: 40.15 ng
 RT: 7.97 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	41.8	14.8	54.8

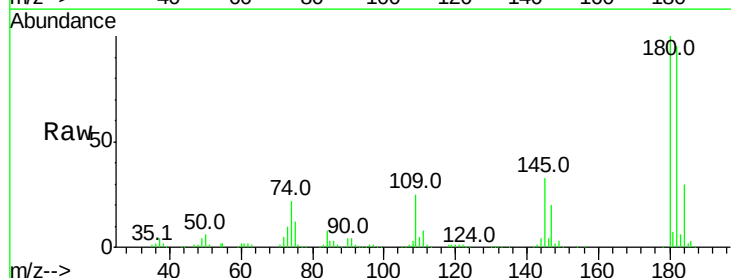


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

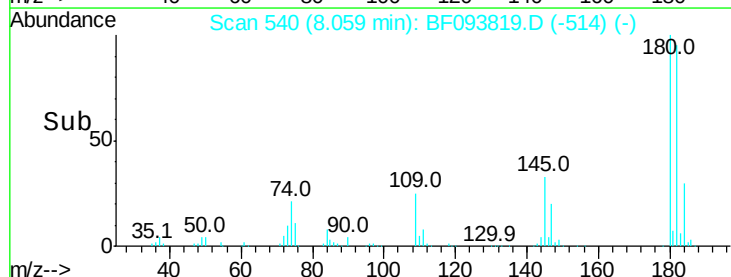
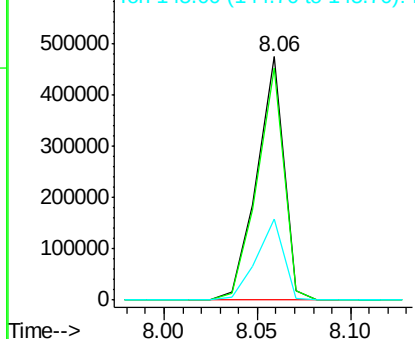


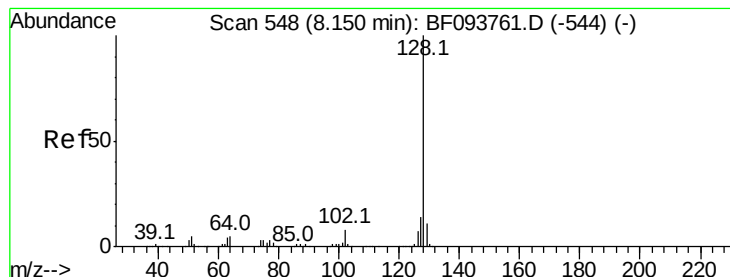
#30
 1,2,4-Trichlorobenzene
 Concen: 40.24 ng
 RT: 8.06 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	33.1	25.3	37.9



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





#31

Naphthalene

Concen: 41.01 ng

RT: 8.14 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

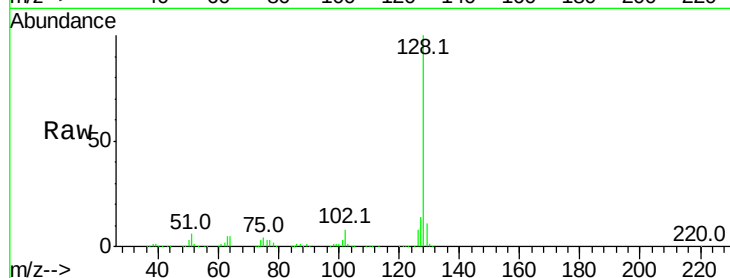
Tot Ion:128 Resp: 1619567

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

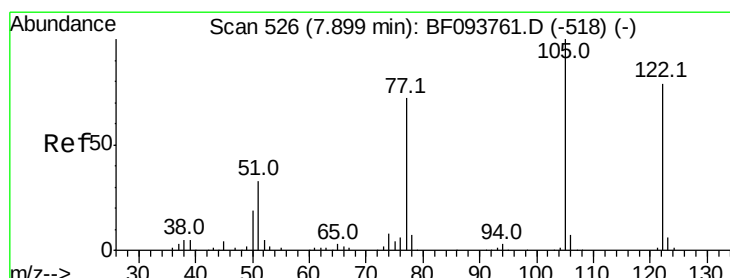
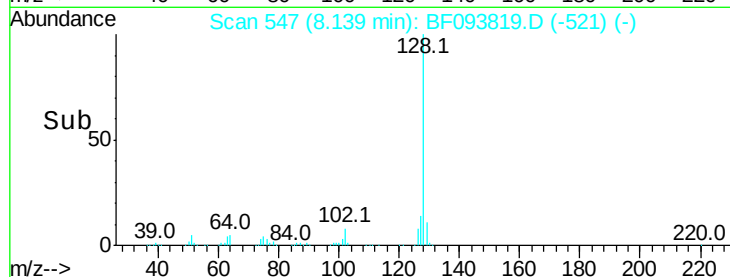
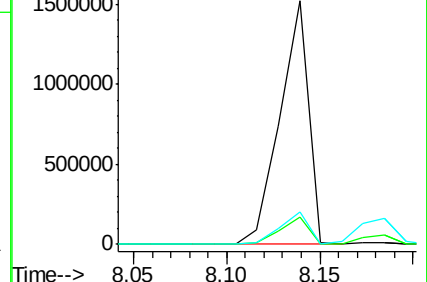
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.00 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

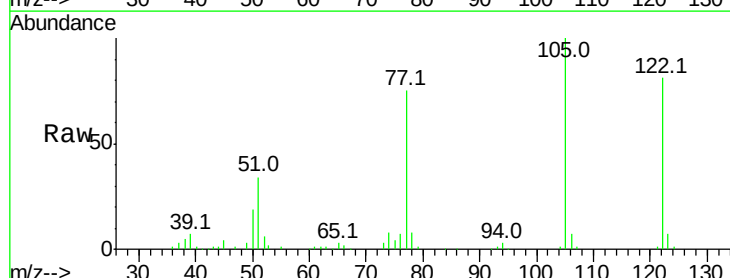
Tgt Ion:122 Resp: 339785

Ion Ratio Lower Upper

122 100

105 123.1 103.3 143.3

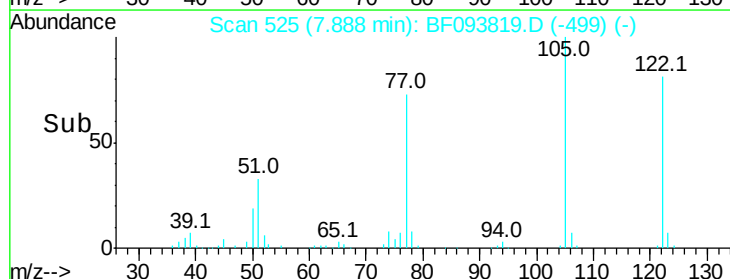
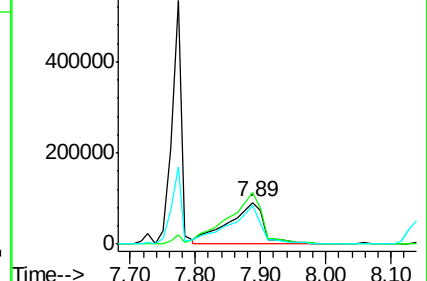
77 92.8 73.7 113.7

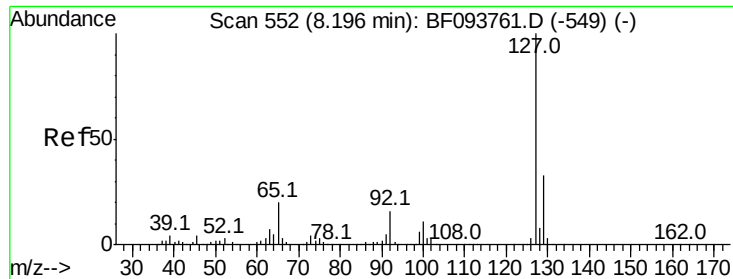


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

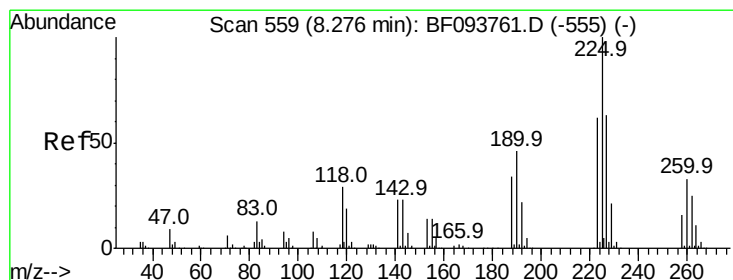
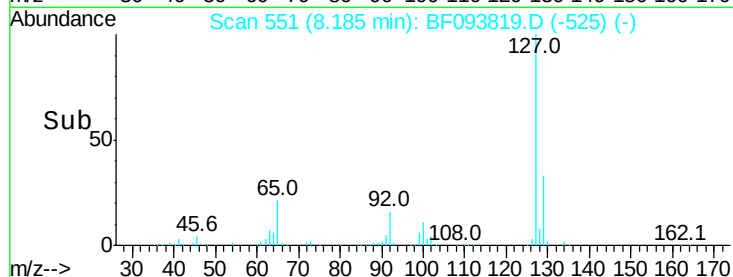
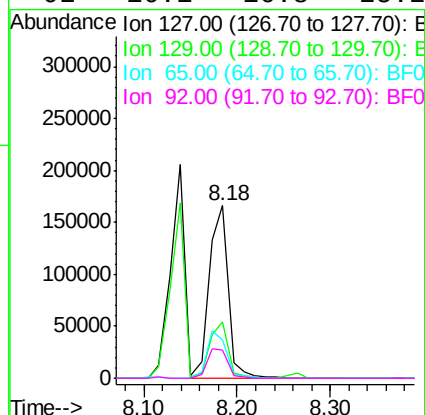
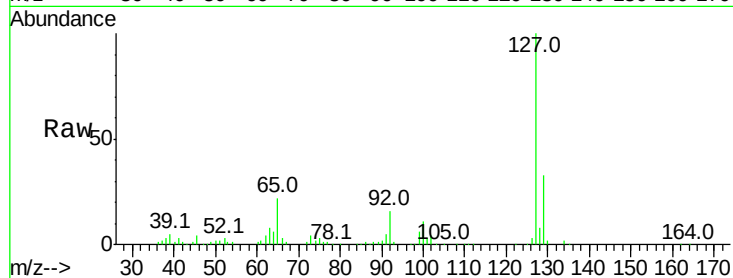




#33
4-Chloroaniline
Concen: 13.87 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

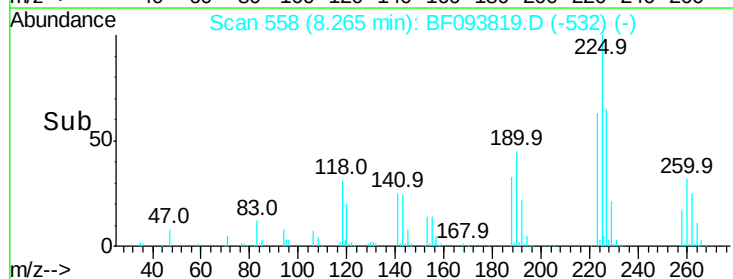
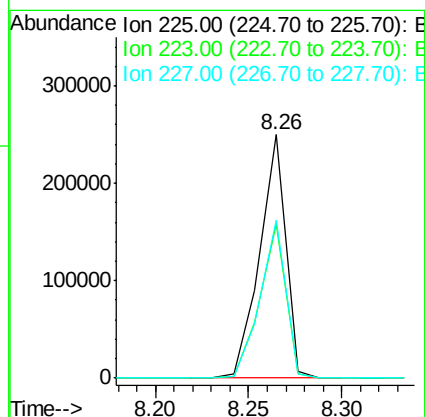
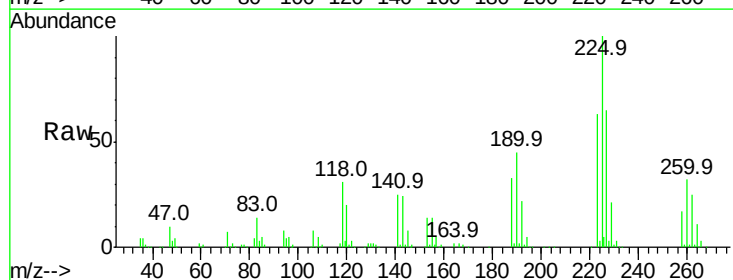
Instrument :
BNA_F
ClientSampleId :
PB97716BSD

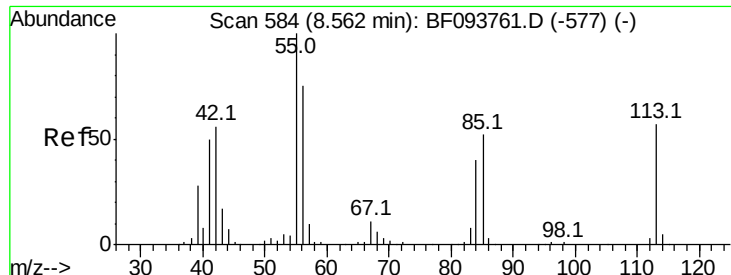
Tot Ion:	127	Resp:	235394
Ion Ratio	Lower	Upper	
127	100		
129	33.0	26.2	39.2
65	22.4	27.8	41.8#
92	16.1	16.8	25.2#



#34
Hexachlorobutadiene
Concen: 38.72 ng
RT: 8.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:	225	Resp:	239864
Ion Ratio	Lower	Upper	
225	100		
223	63.1	48.8	73.2
227	64.6	51.1	76.7

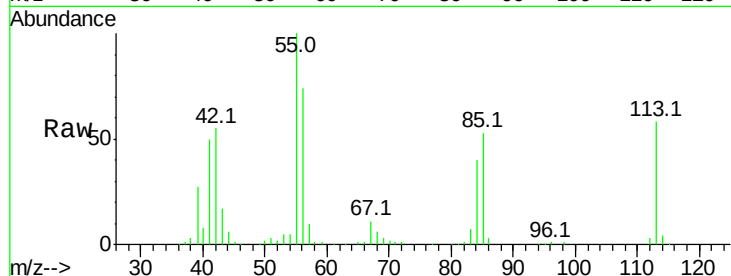




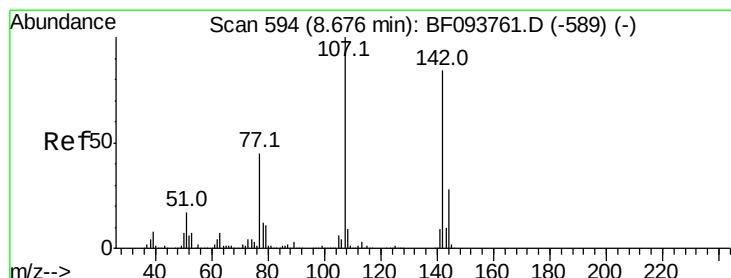
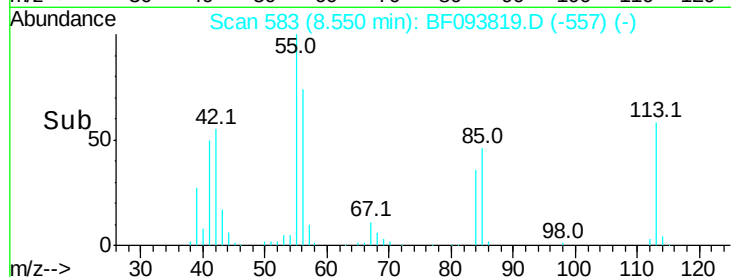
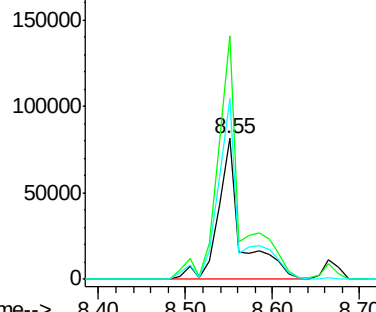
#35
 Caprolactam
 Concen: 42.90 ng
 RT: 8.55 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Tot Ion:113 Resp: 152789
 Ion Ratio Lower Upper
 113 100
 55 172.8 150.2 190.2
 56 128.4 107.8 147.8

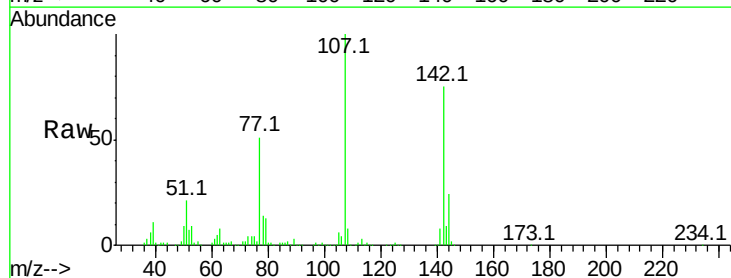


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

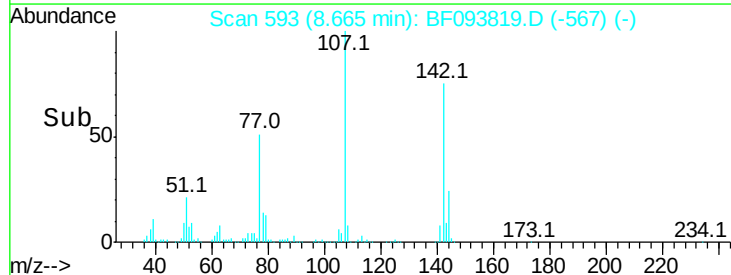
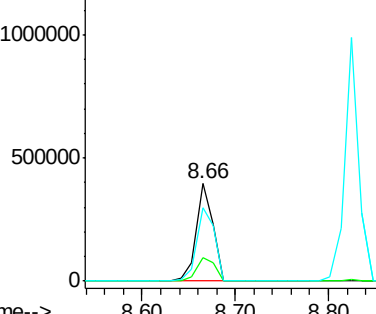


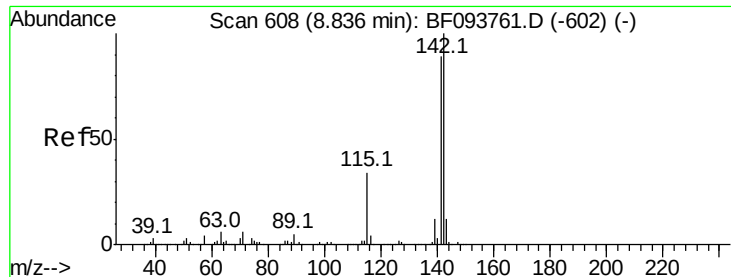
#36
 4-Chloro-3-methylphenol
 Concen: 41.92 ng
 RT: 8.66 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion:107 Resp: 492789
 Ion Ratio Lower Upper
 107 100
 144 24.3 24.2 36.4
 142 74.9 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.92 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.00 min

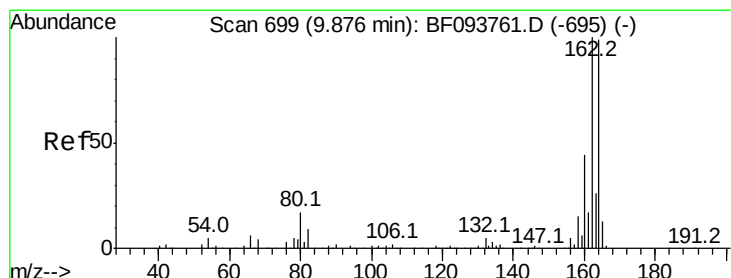
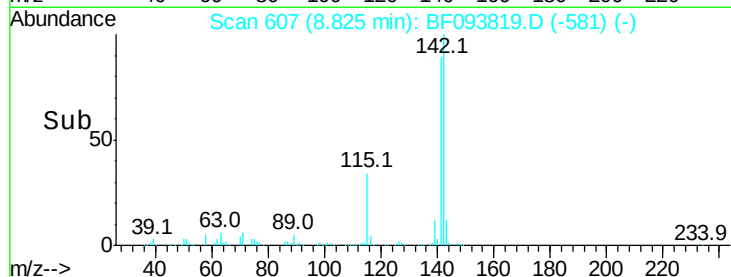
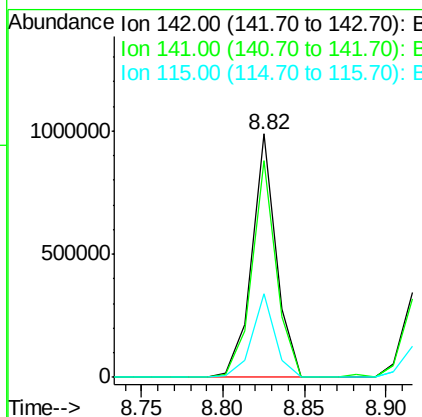
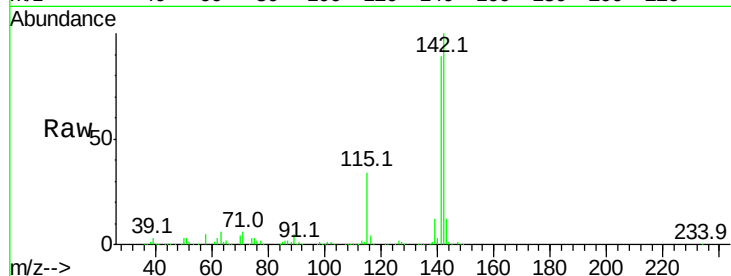
Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB97716BSD

Tot Ion:142 Resp: 1029134

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	34.2	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

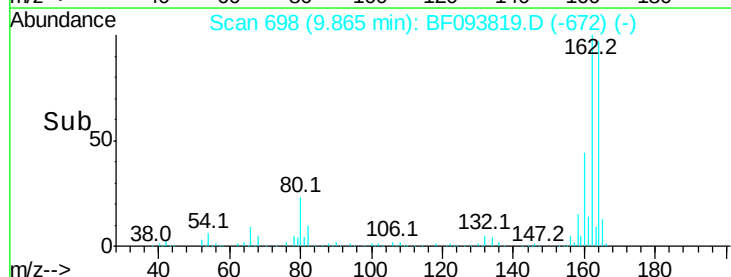
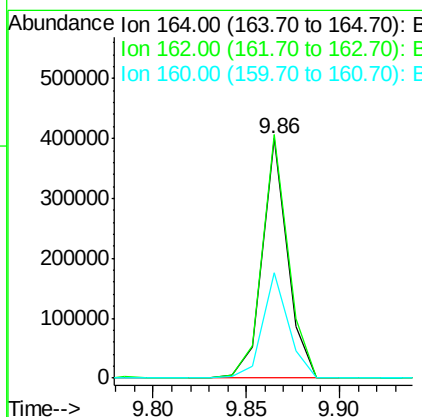
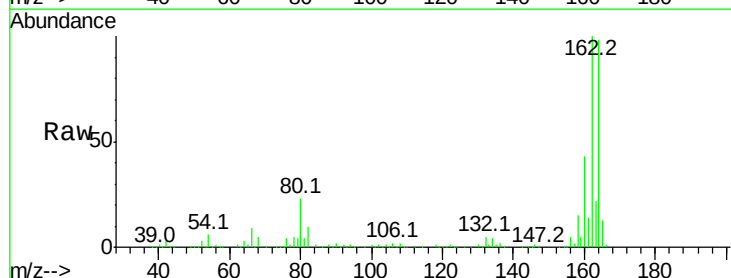
Delta R.T. -0.00 min

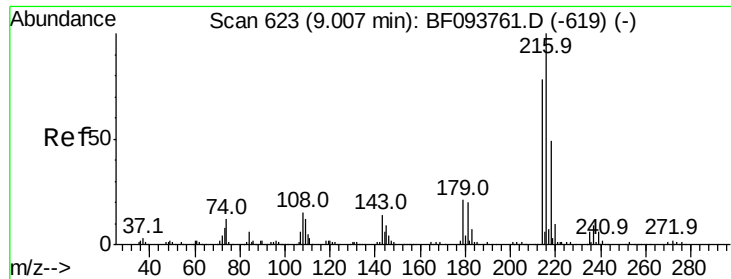
Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Tgt Ion:164 Resp: 372909

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	44.2	36.2	54.2

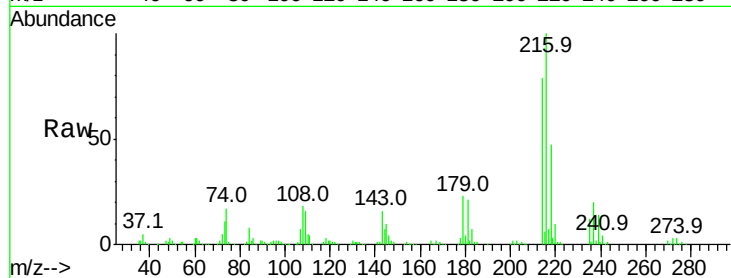




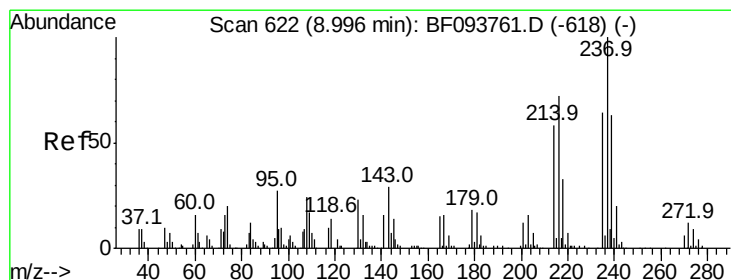
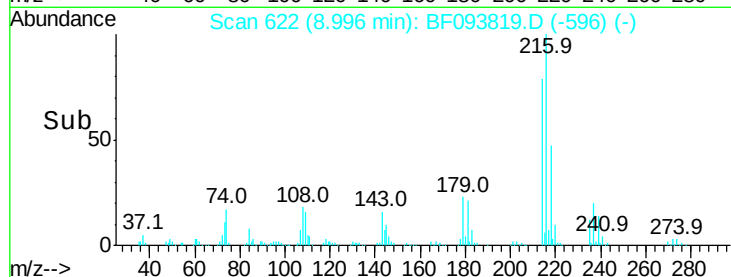
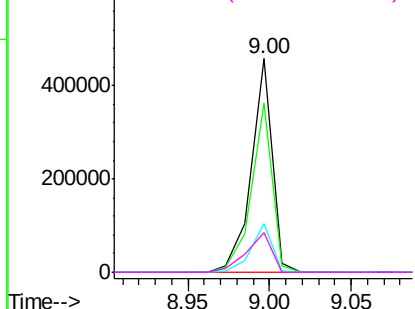
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.37 ng
RT: 9.00 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB97716BSD

Tot Ion:	216	Resp:	408573
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	22.9	17.9	26.9
108	22.4	16.5	24.7

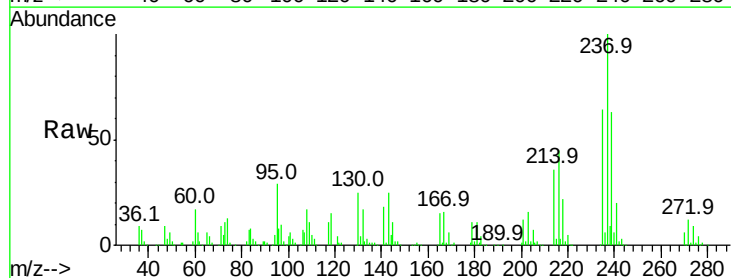


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

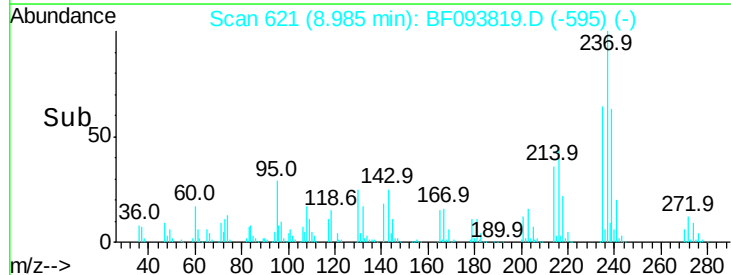
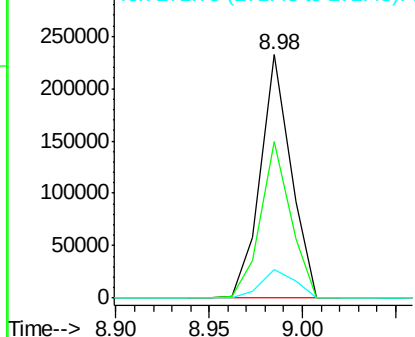


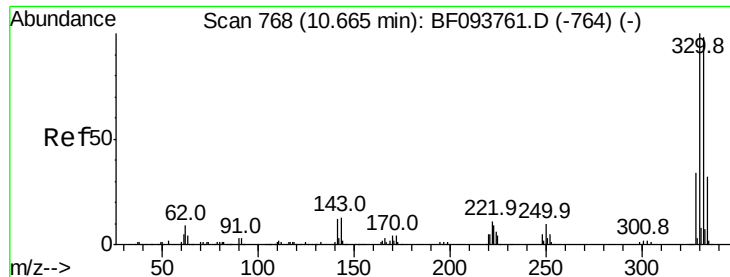
#40
Hexachlorocyclopentadiene
Concen: 52.77 ng
RT: 8.98 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:	237	Resp:	262910
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.6	82.6
272	11.8	0.0	31.9



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

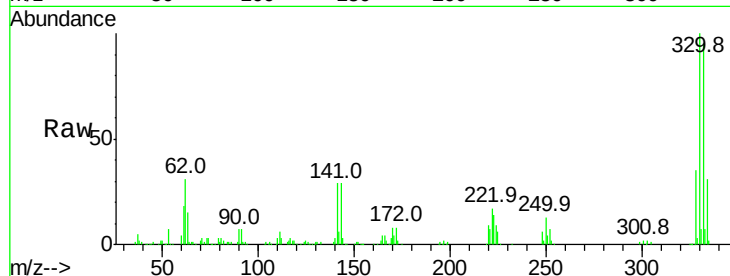




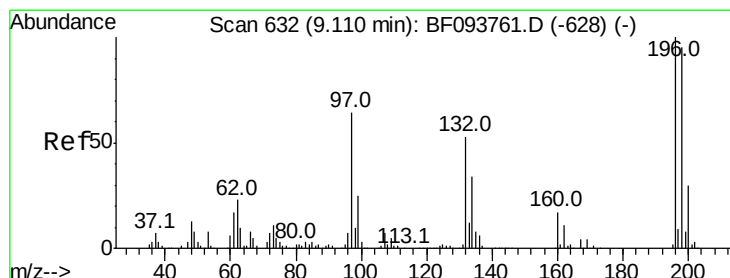
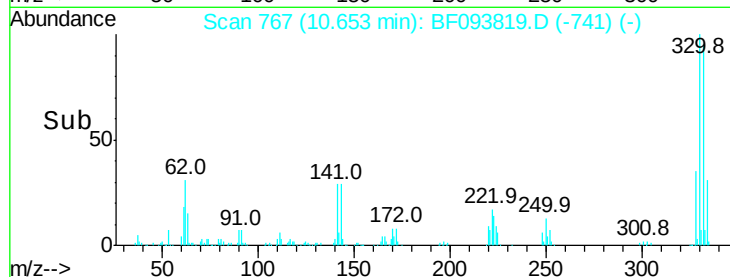
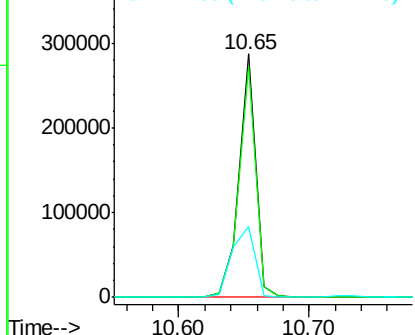
#41
 2,4,6-Tribromophenol
 Concen: 87.57 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	40.6	31.4	47.2

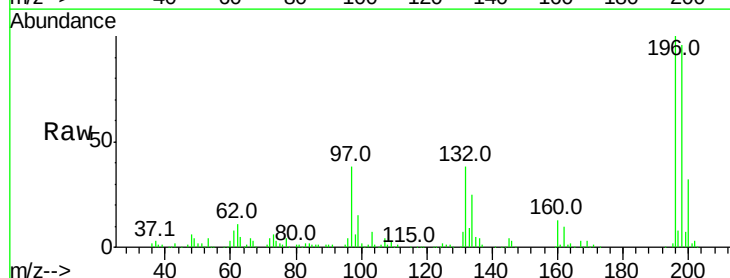


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

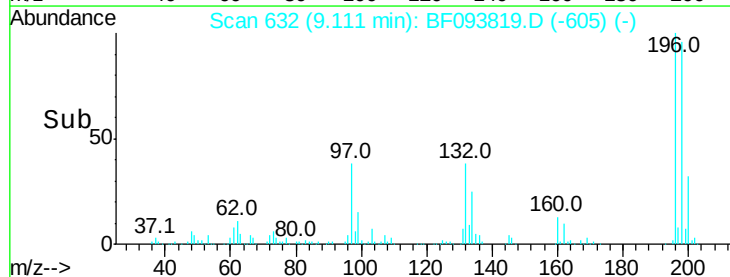
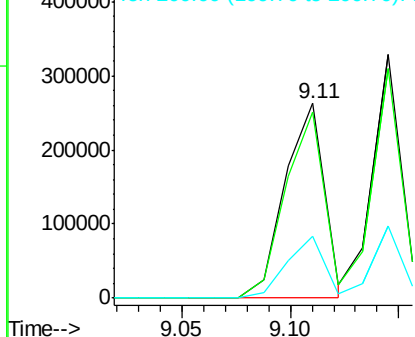


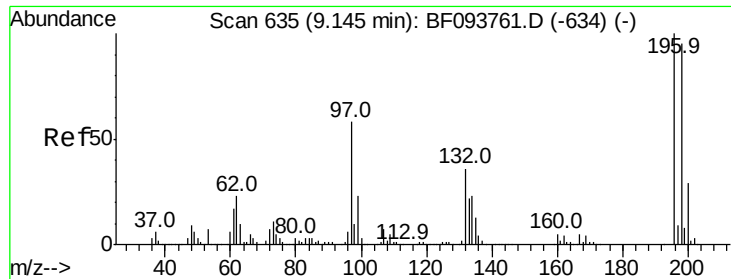
#42
 2,4,6-Trichlorophenol
 Concen: 46.32 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.4
200	31.6	24.0	36.0



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

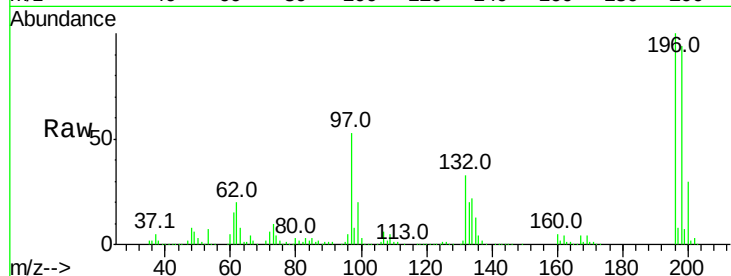




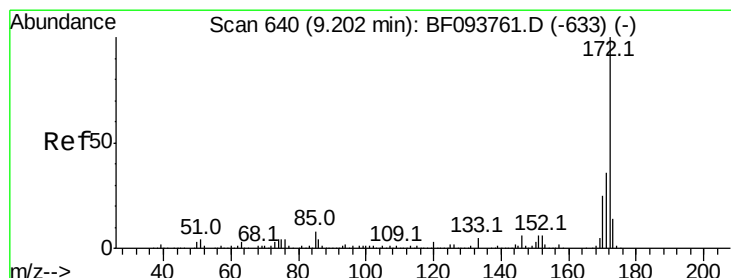
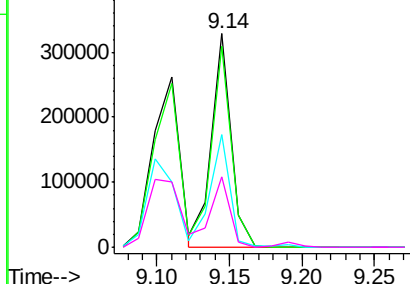
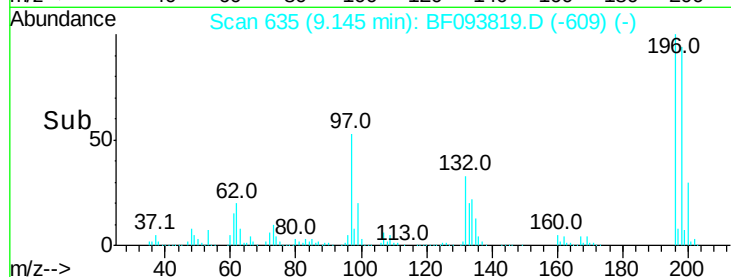
#43
 2,4,5-Trichlorophenol
 Concen: 41.53 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Tot Ion:196 Resp: 309125
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 97 52.6 47.7 71.5
 132 32.7 28.0 42.0

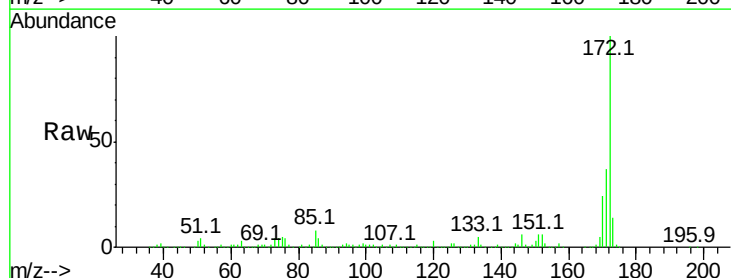


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

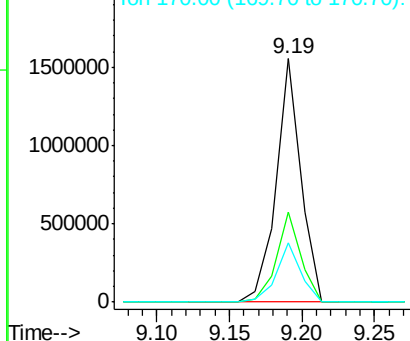
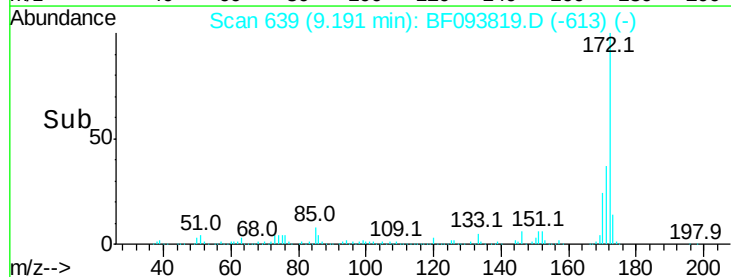


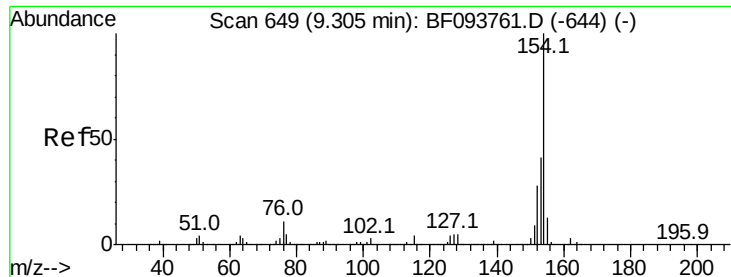
#44
 2-Fluorobiphenyl
 Concen: 82.39 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion:172 Resp: 1827094
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.3 19.8 29.8



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



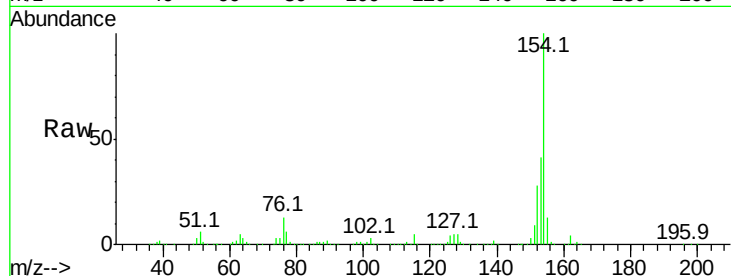


#45
 1,1'-Biphenyl
 Concen: 40.82 ng
 RT: 9.29 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

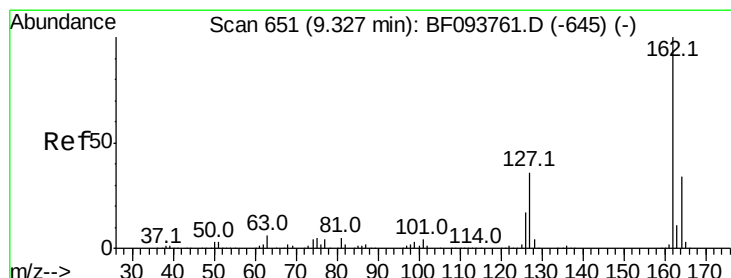
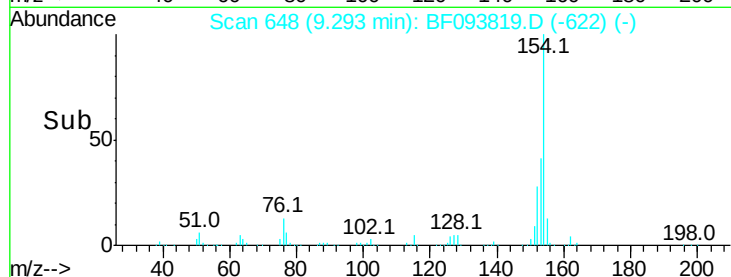
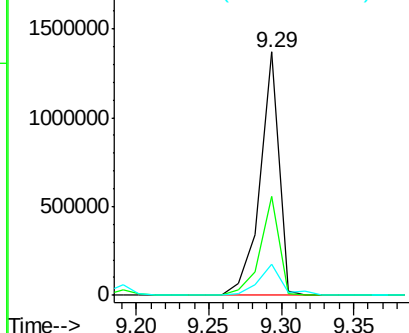
Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Tot Ion:154 Resp: 1237214

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	12.7	0.0	29.9



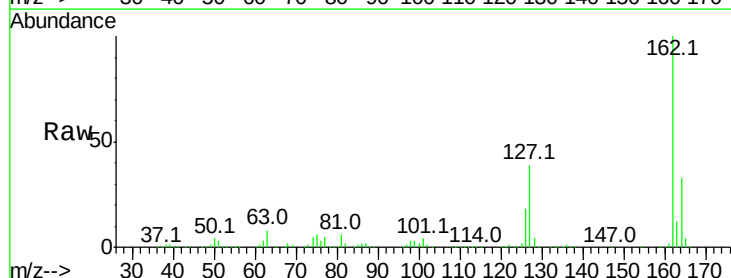
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



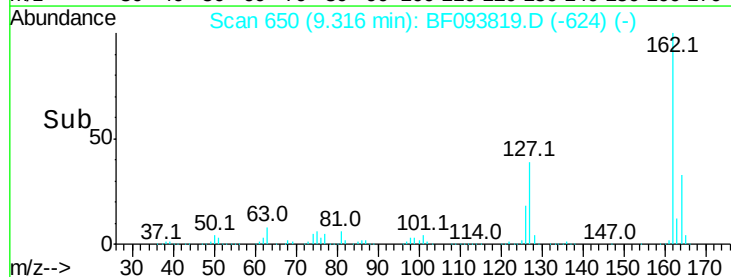
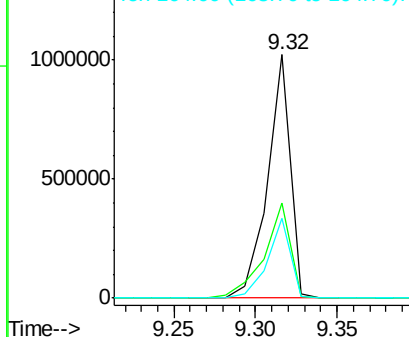
#46
 2-Chloronaphthalene
 Concen: 42.84 ng
 RT: 9.32 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

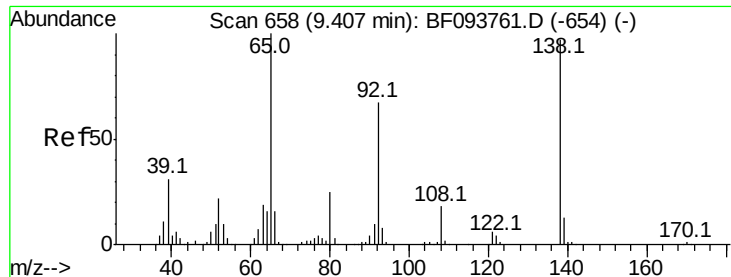
Tgt Ion:162 Resp: 995435

Ion	Ratio	Lower	Upper
162	100		
127	39.0	28.3	42.5
164	32.9	27.0	40.4



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

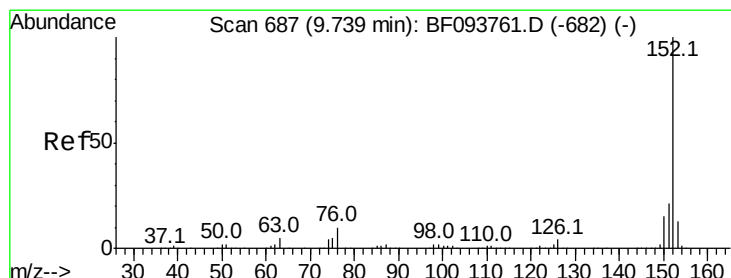
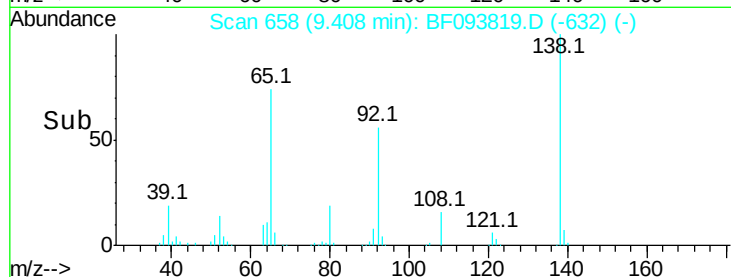
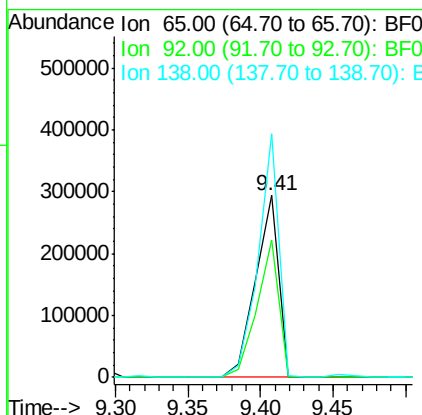
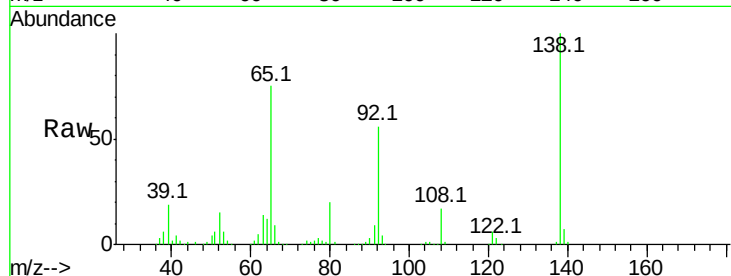




#47
2-Nitroaniline
Concen: 49.80 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

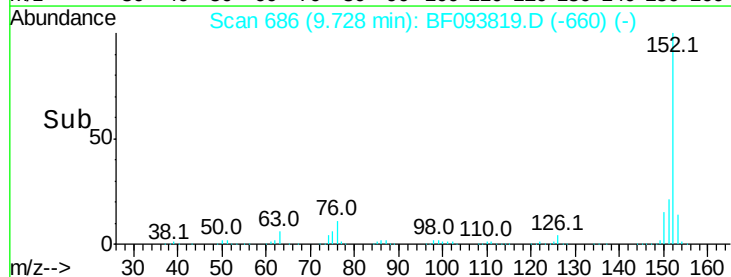
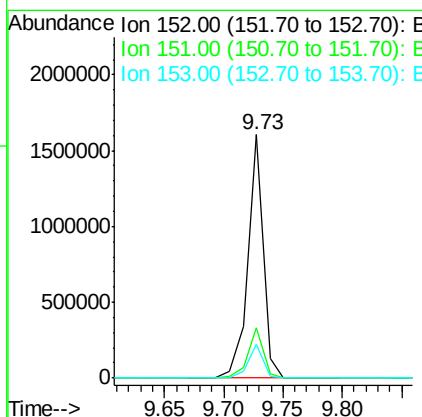
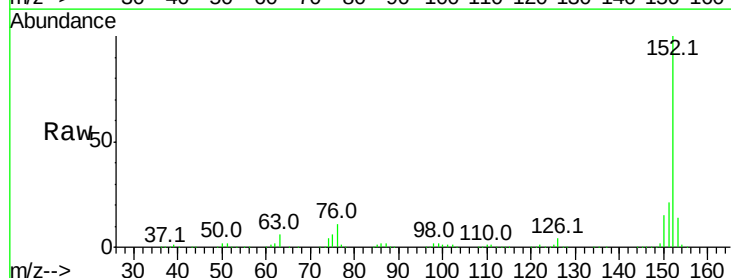
Instrument :
BNA_F
ClientSampleId :
PB97716BSD

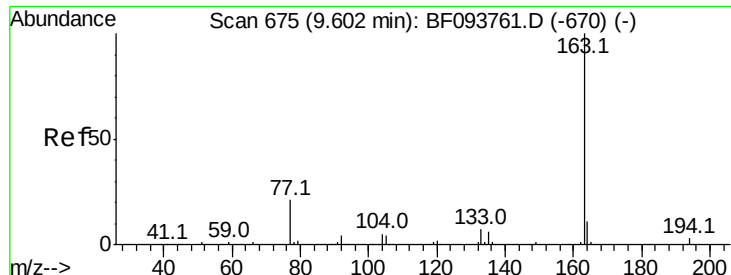
Tot Ion: 65 Resp: 323167
Ion Ratio Lower Upper
65 100
92 75.5 53.9 80.9
138 134.1 78.8 118.2#



#48
Acenaphthylene
Concen: 38.50 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion: 152 Resp: 1456004
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 40.68 ng

RT: 9.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

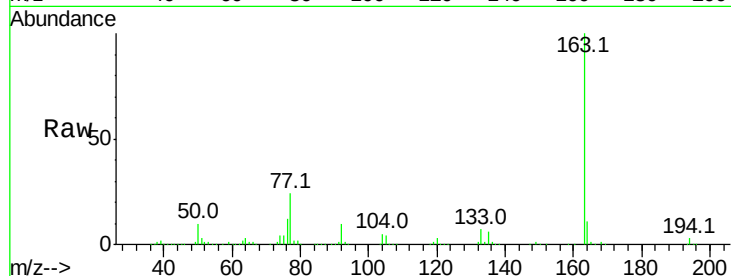
Tot Ion:163 Resp: 1079667

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

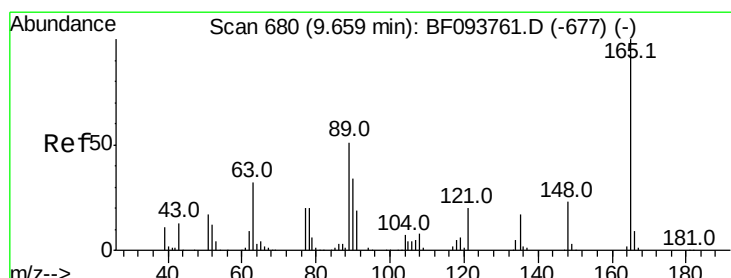
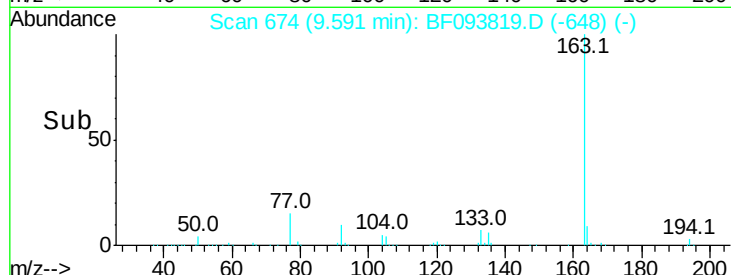
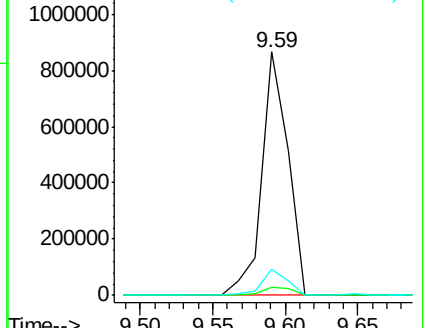
164 10.7 8.4 12.6



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: 39.68 ng

RT: 9.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

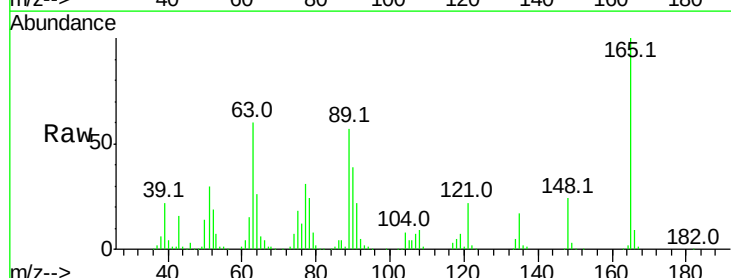
Tgt Ion:165 Resp: 231199

Ion Ratio Lower Upper

165 100

63 59.5 34.3 51.5#

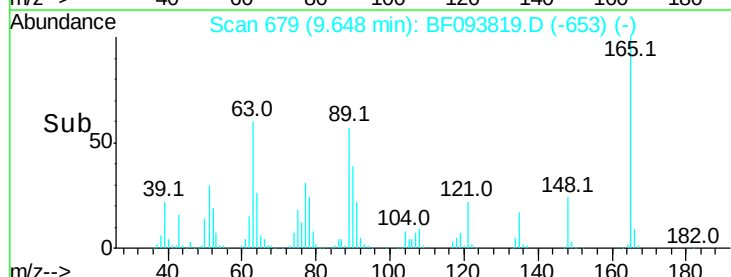
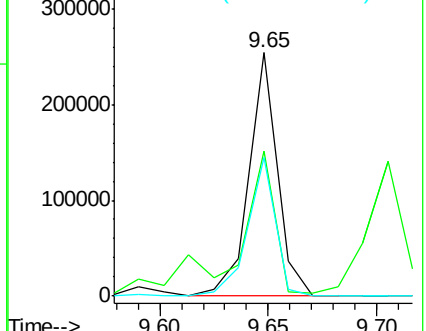
89 56.8 37.1 55.7#

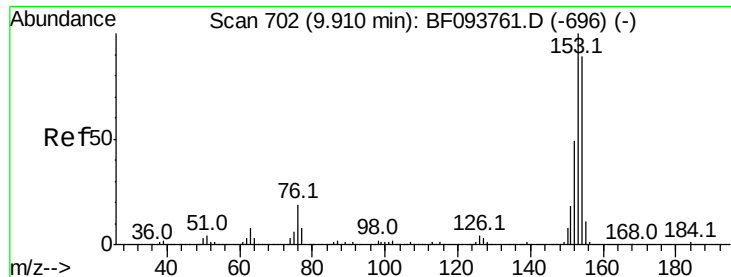


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.60 ng

RT: 9.90 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

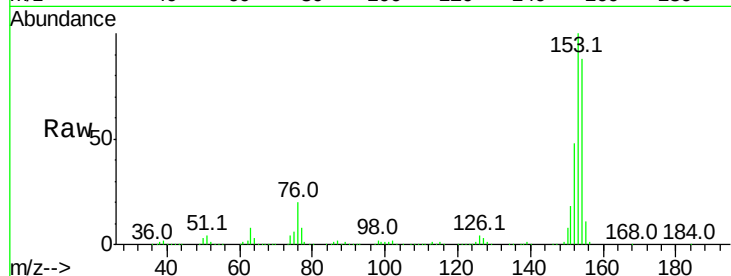
Tot Ion:154 Resp: 917070

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

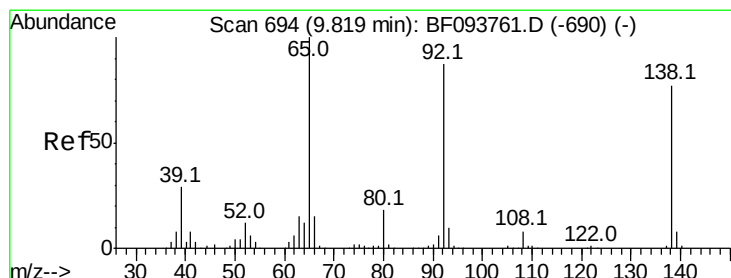
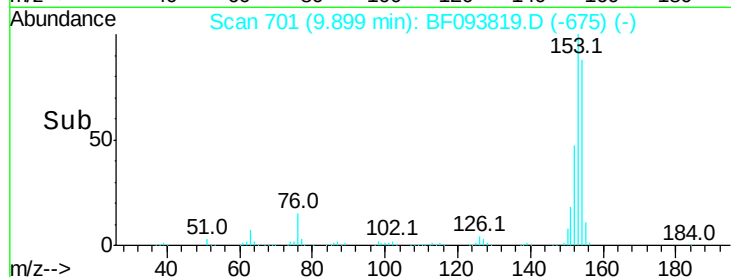
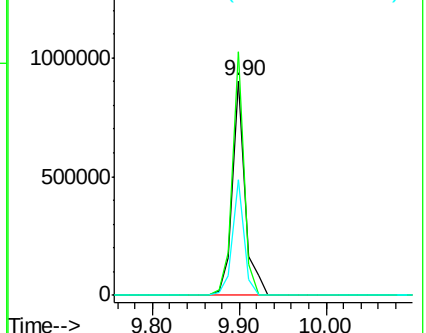
152 54.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.97 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

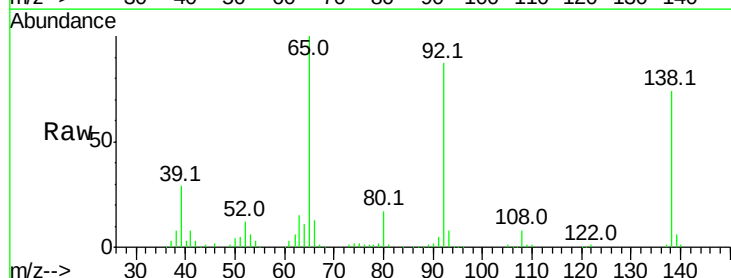
Tgt Ion:138 Resp: 160683

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

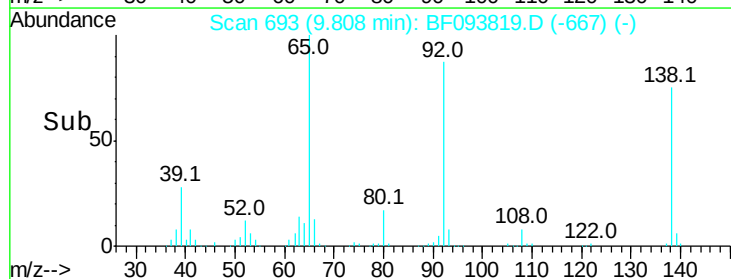
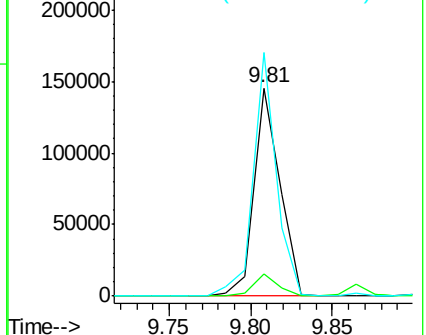
92 116.9 93.8 140.6

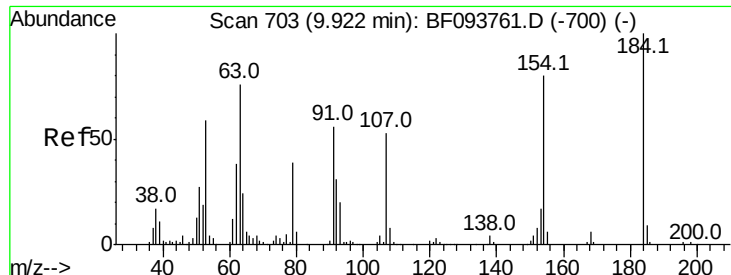


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

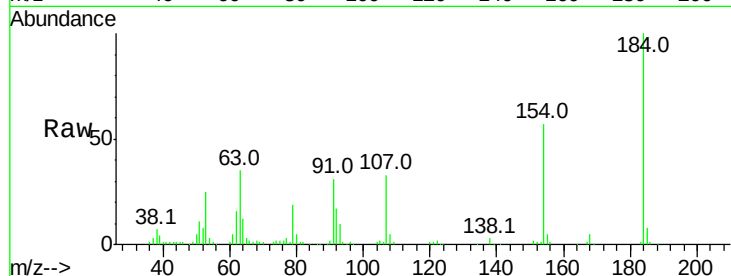




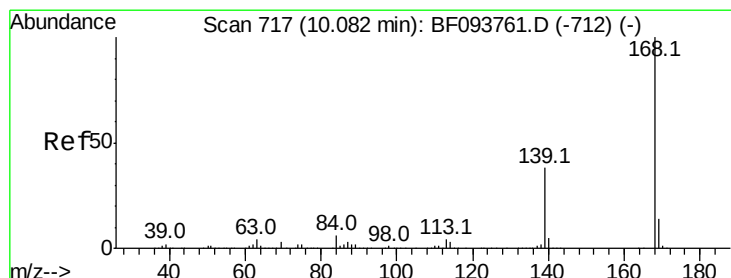
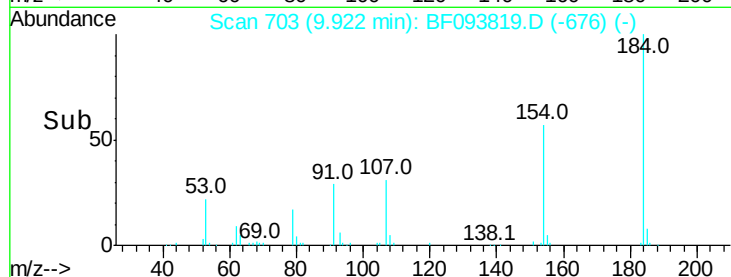
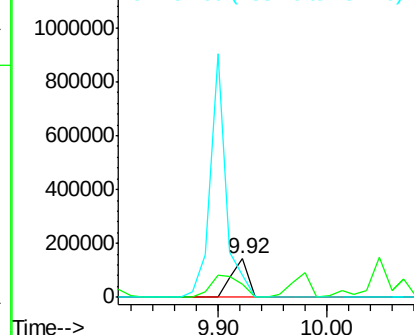
#53
 2,4-Dinitrophenol
 Concen: 68.32 ng
 RT: 9.92 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Tot Ion:184 Resp: 156249
 Ion Ratio Lower Upper
 184 100
 63 34.8 62.7 94.1#
 154 57.0 81.1 121.7#

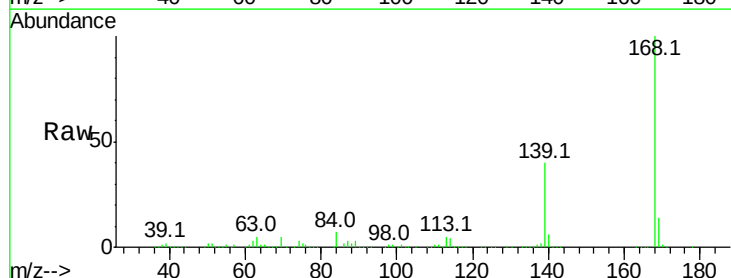


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

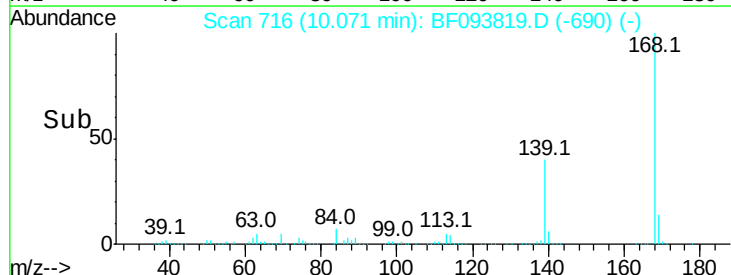
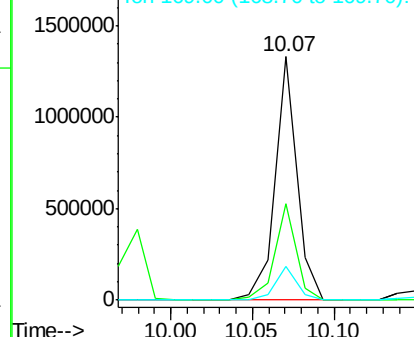


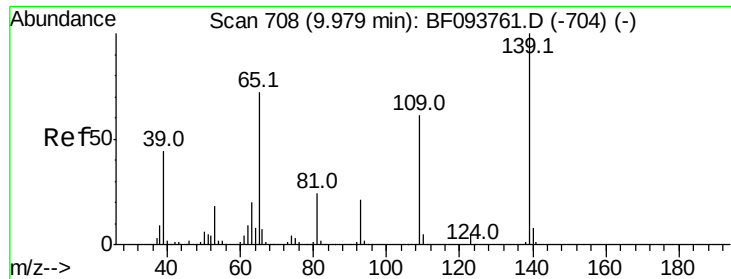
#54
 Dibenzofuran
 Concen: 40.98 ng
 RT: 10.07 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion:168 Resp: 1245564
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.6 45.8
 169 14.1 10.8 16.2



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: 80.19 ng

RT: 9.98 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

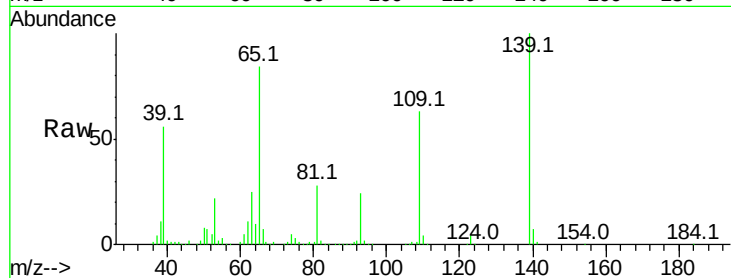
Tot Ion:139 Resp: 421269

Ion Ratio Lower Upper

139 100

109 62.7 34.1 74.1

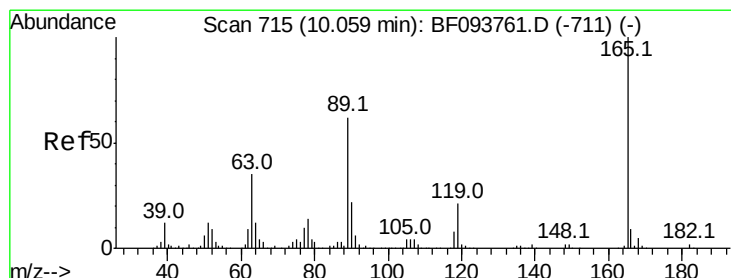
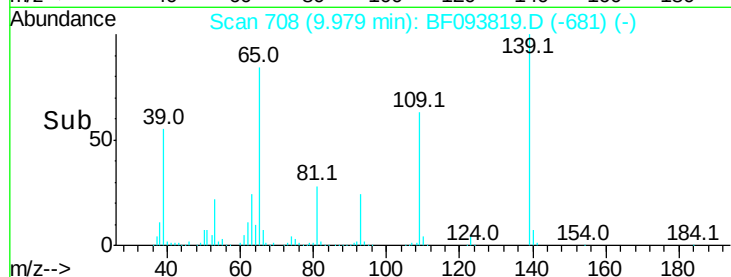
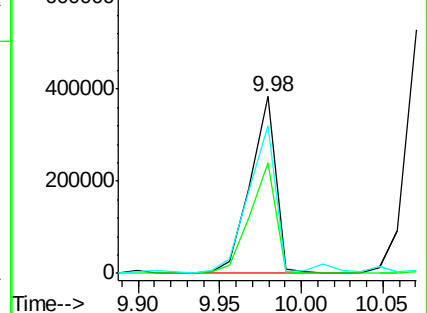
65 83.6 31.4 71.4#



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: 40.58 ng

RT: 10.05 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Tgt Ion:165 Resp: 300133

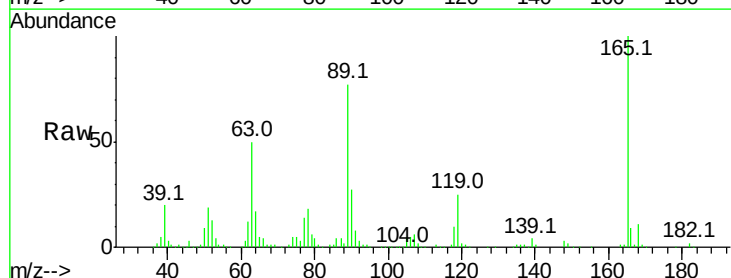
Ion Ratio Lower Upper

165 100

63 50.1 25.4 38.0#

89 77.5 46.4 69.6#

182 2.4 1.8 2.6

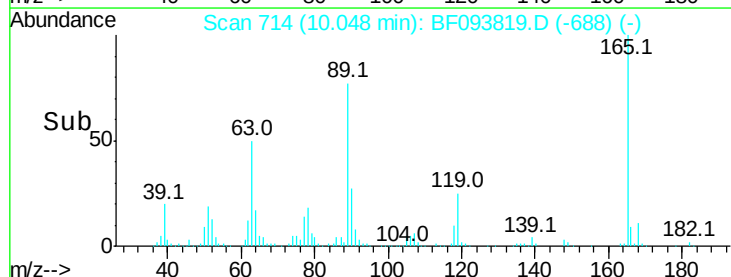
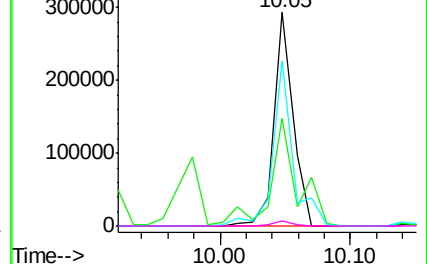


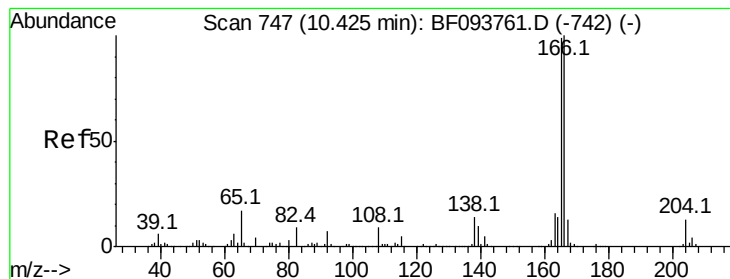
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.90 ng

RT: 10.41 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

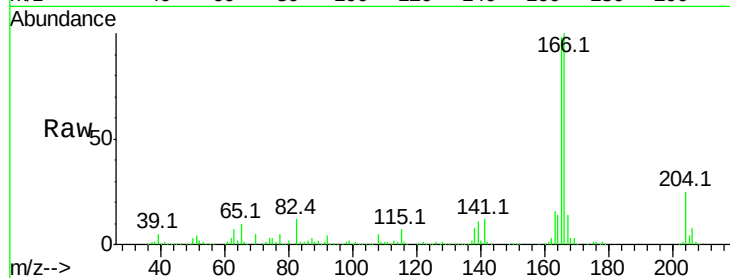
Tot Ion:166 Resp: 905558

Ion Ratio Lower Upper

166 100

165 98.3 78.8 118.2

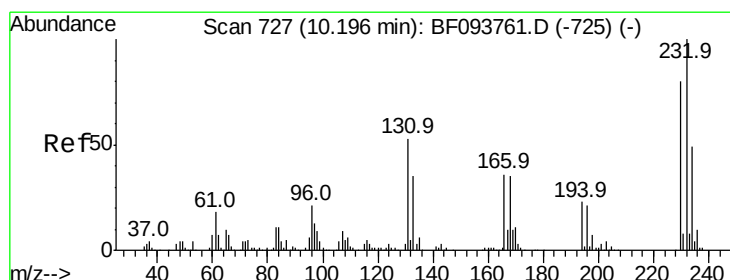
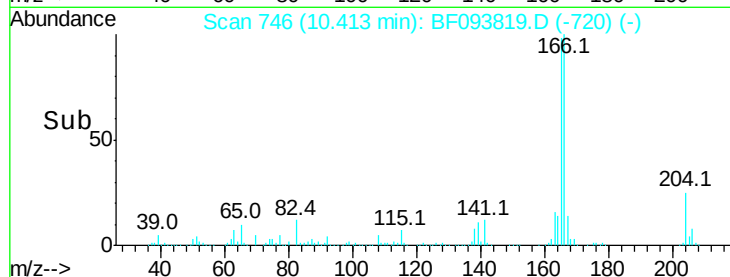
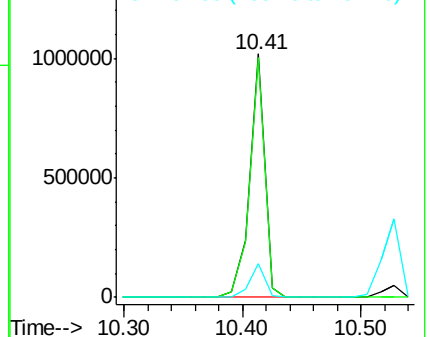
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.57 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Tgt Ion:232 Resp: 222763

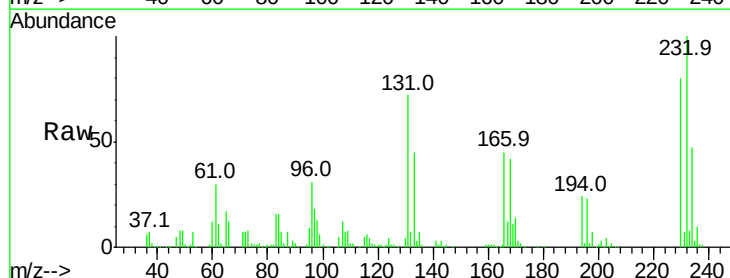
Ion Ratio Lower Upper

232 100

131 54.2 44.8 67.2

130 2.5 2.3 3.5

166 35.8 29.0 43.4

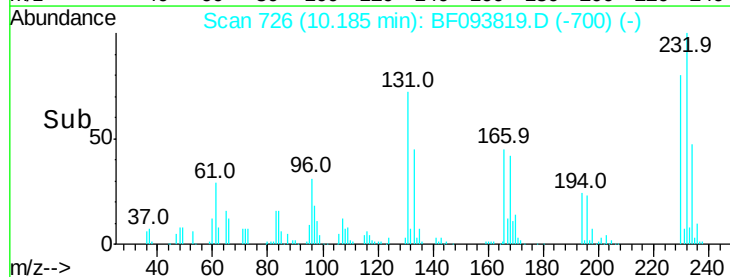
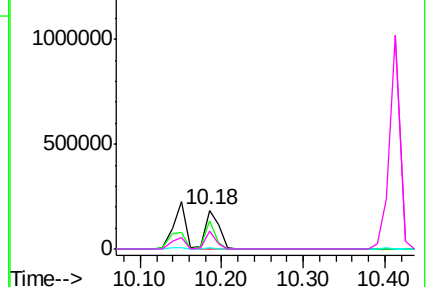


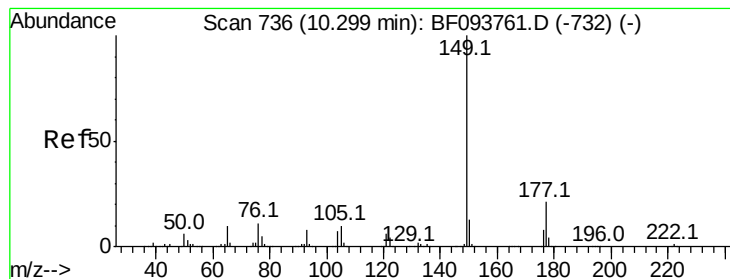
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.89 ng

RT: 10.30 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

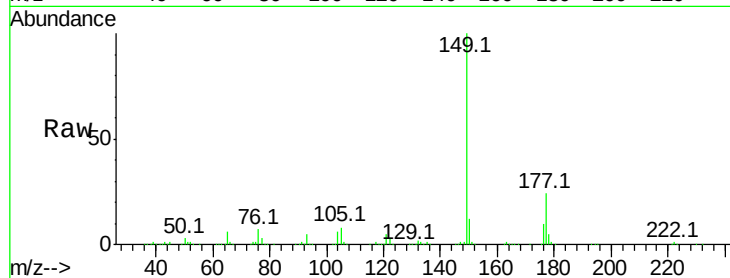
Tot Ion:149 Resp: 1083602

Ion Ratio Lower Upper

149 100

177 23.9 16.7 25.1

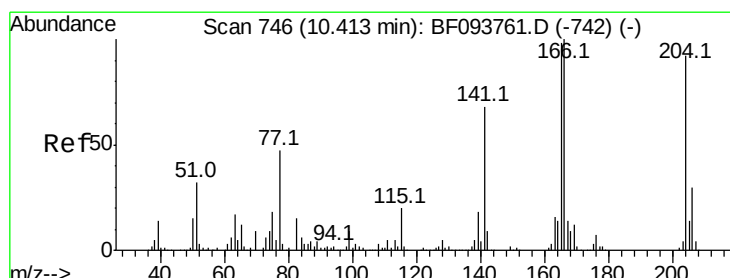
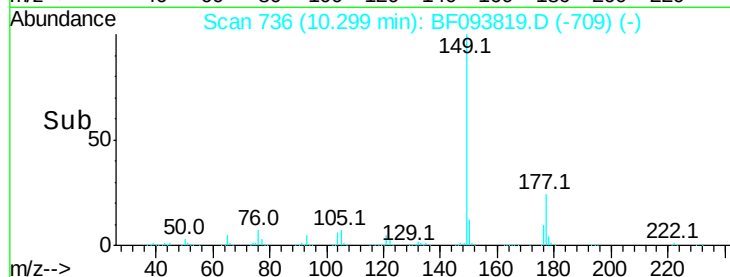
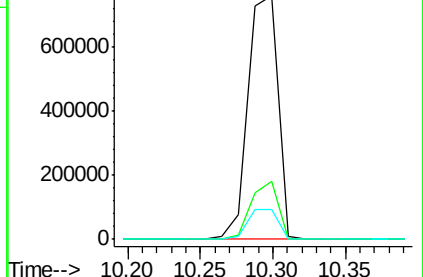
150 12.3 10.2 15.2



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: 41.38 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

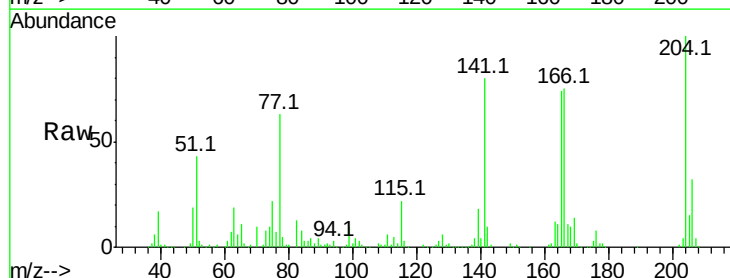
Tgt Ion:204 Resp: 406036

Ion Ratio Lower Upper

204 100

206 32.1 26.2 39.2

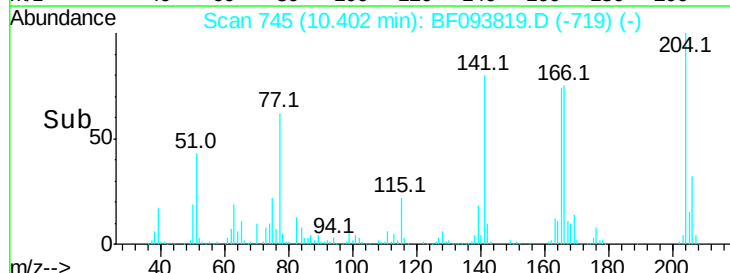
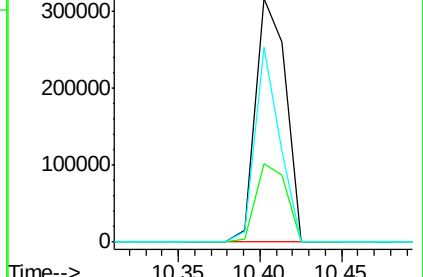
141 80.3 60.8 91.2

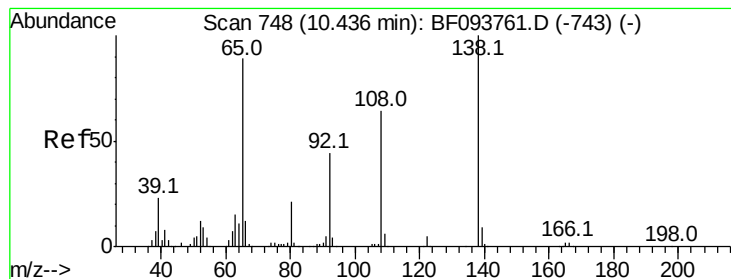


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.38 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

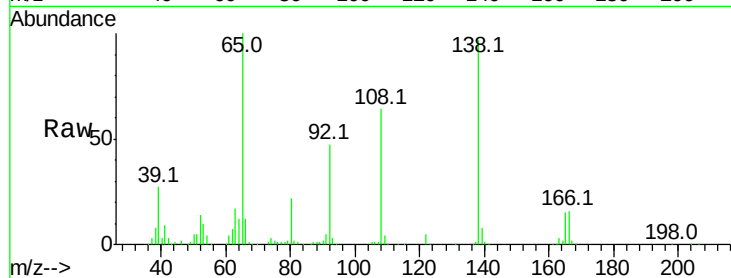
Tot Ion:138 Resp: 240112

Ion Ratio Lower Upper

138 100

92 47.8 21.8 61.8

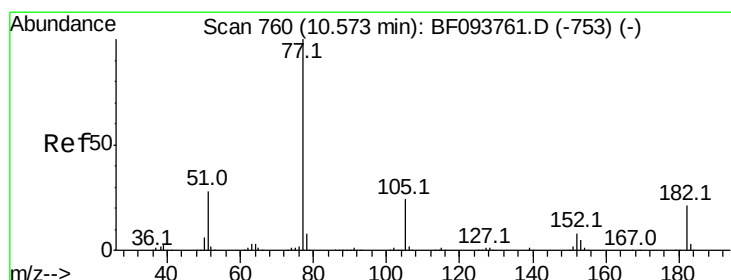
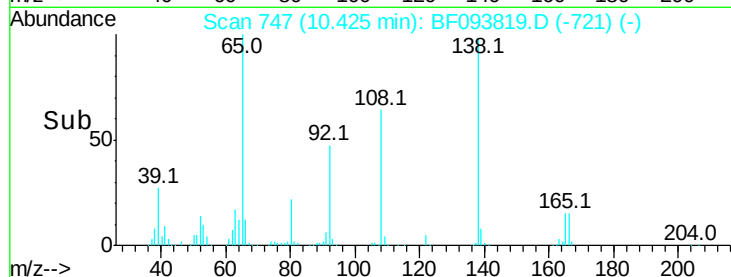
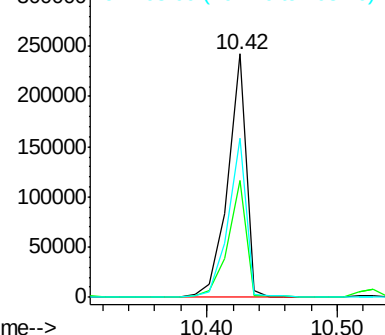
108 65.5 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.90 ng

RT: 10.56 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Tgt Ion: 77 Resp: 1097502

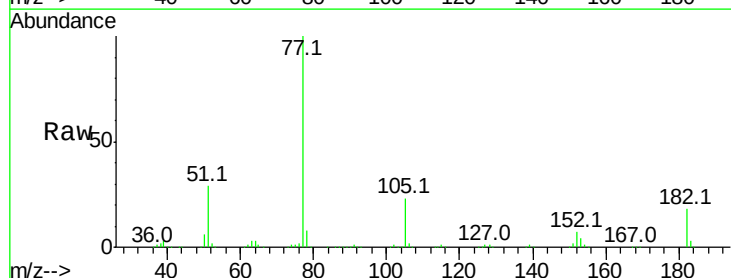
Ion Ratio Lower Upper

77 100

182 18.4 0.1 40.1

105 22.6 3.6 43.6

51 29.5 9.4 49.4

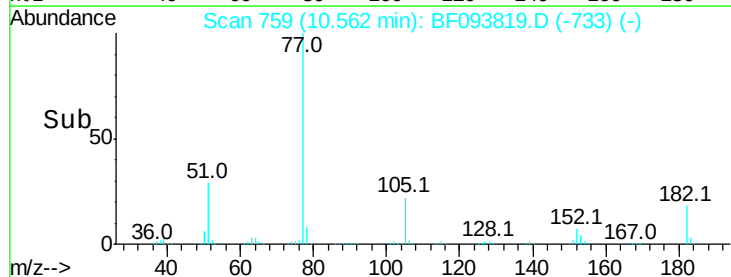
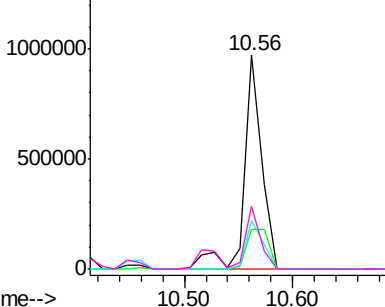


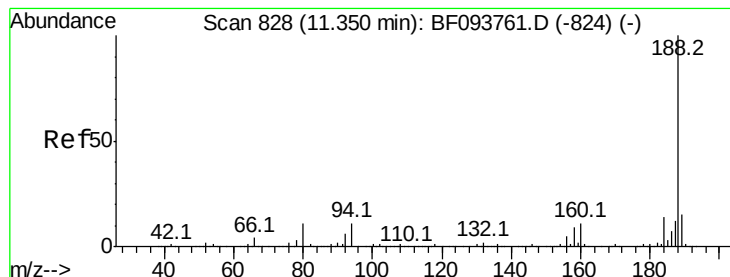
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.34 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

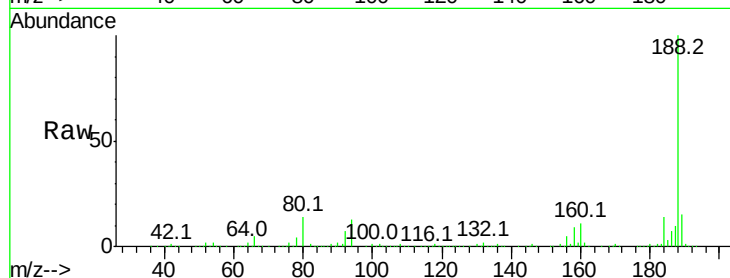
Tot Ion:188 Resp: 593570

Ion Ratio Lower Upper

188 100

94 13.1 9.4 14.2

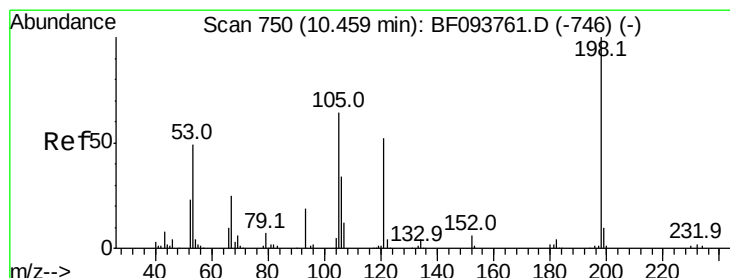
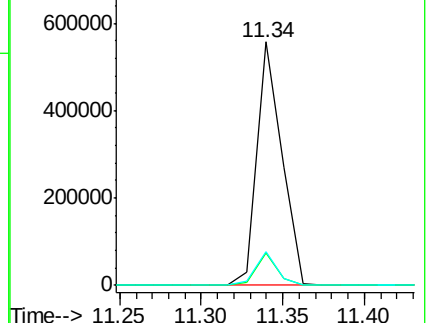
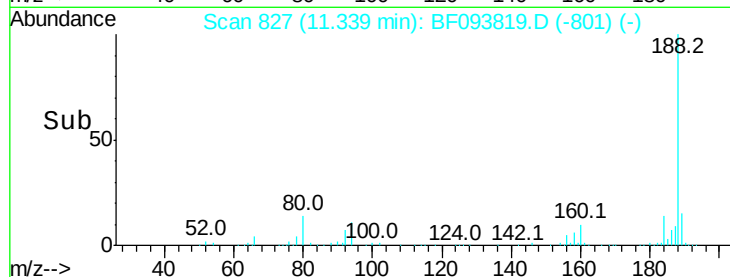
80 13.9 10.2 15.2



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: 35.24 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

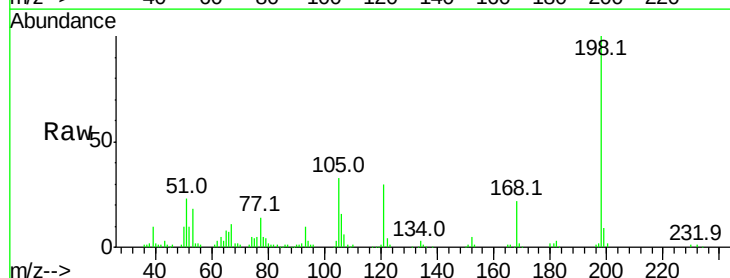
Tgt Ion:198 Resp: 121170

Ion Ratio Lower Upper

198 100

51 23.1 53.2 93.2#

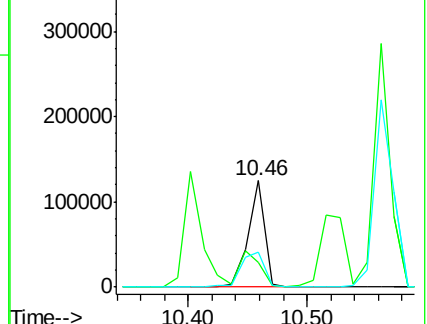
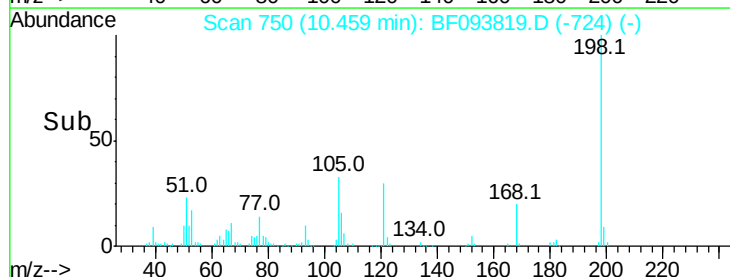
105 33.3 45.8 85.8#

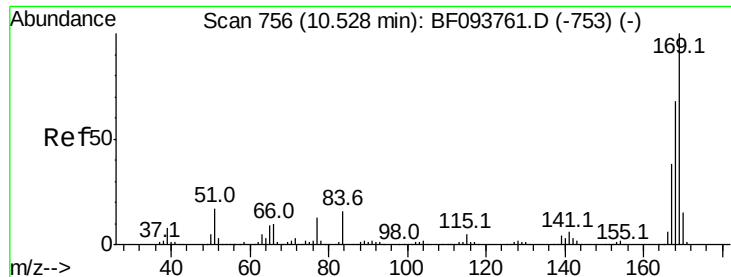


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

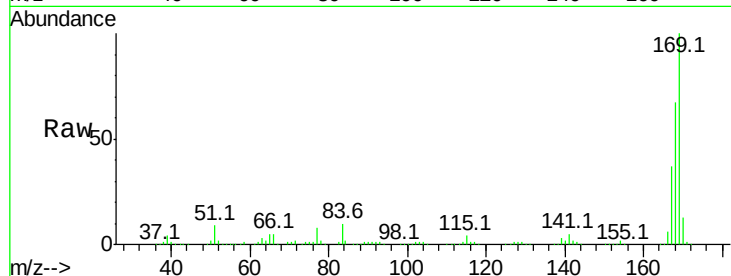




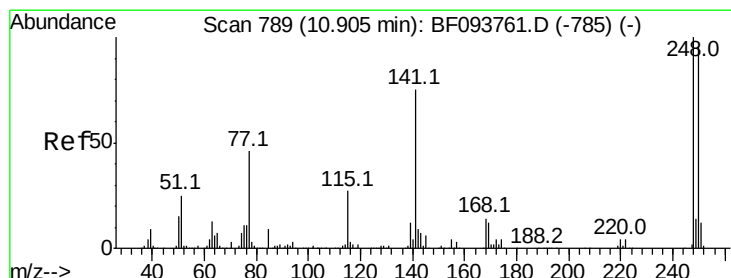
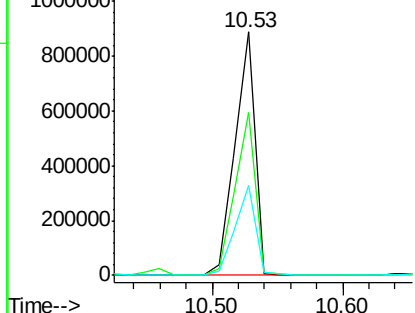
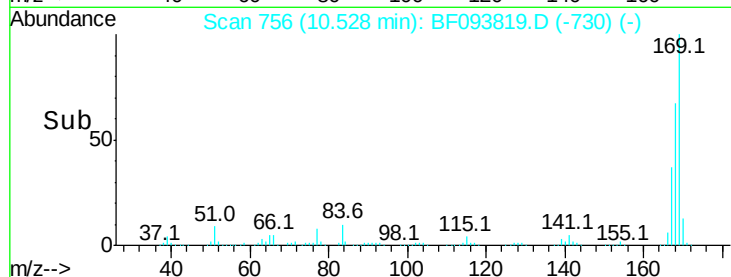
#65
 n-Nitrosodiphenylamine
 Concen: 47.32 ng
 RT: 10.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Tot Ion:169 Resp: 936410
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.2 79.8
 167 36.9 29.5 44.3

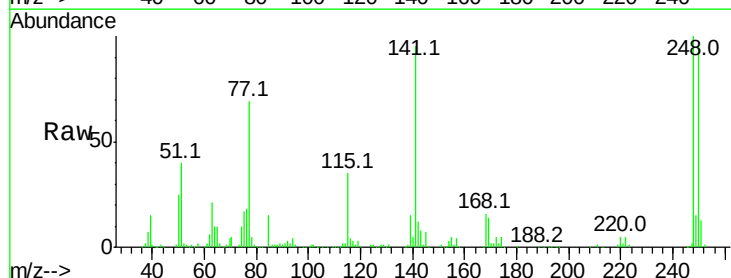


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

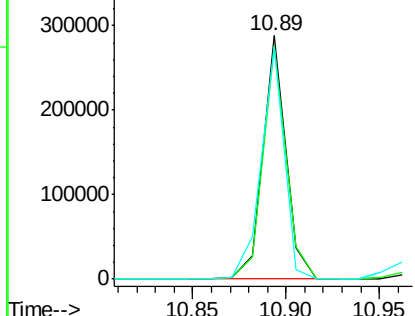
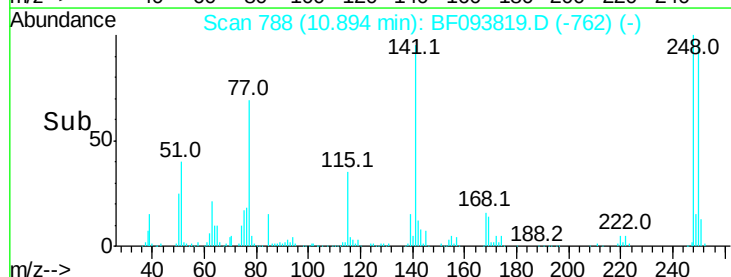


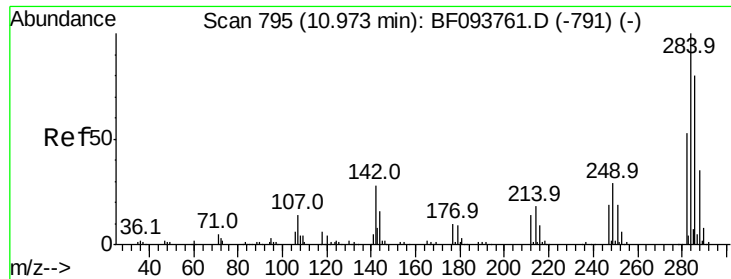
#66
 4-Bromophenyl-phenylether
 Concen: 42.60 ng
 RT: 10.89 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion:248 Resp: 243385
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.8 115.2
 141 95.4 68.6 103.0



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: 42.34 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

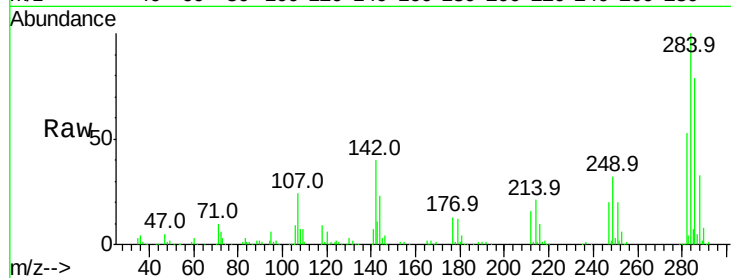
Tot Ion:284 Resp: 249487

Ion Ratio Lower Upper

284 100

142 40.4 22.8 34.2#

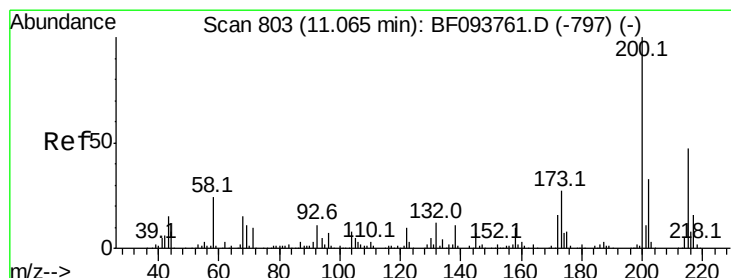
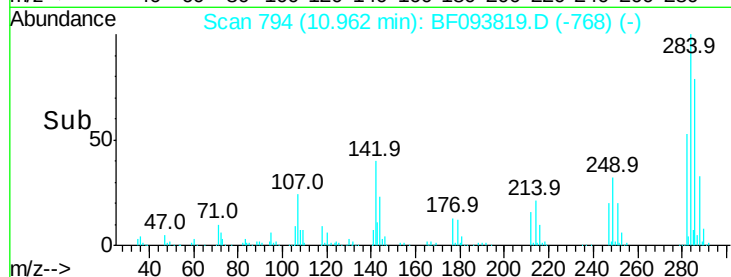
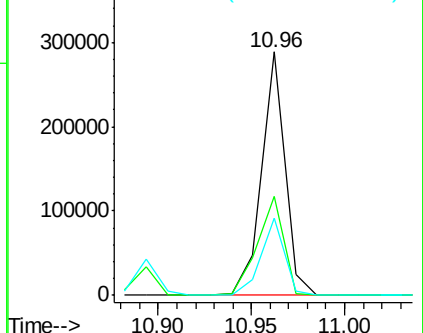
249 32.0 24.0 36.0



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: 44.73 ng

RT: 11.05 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

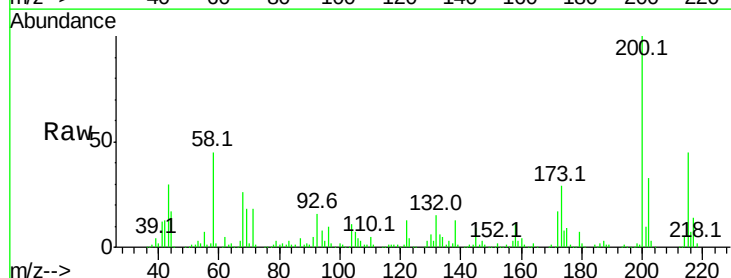
Tgt Ion:200 Resp: 271678

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

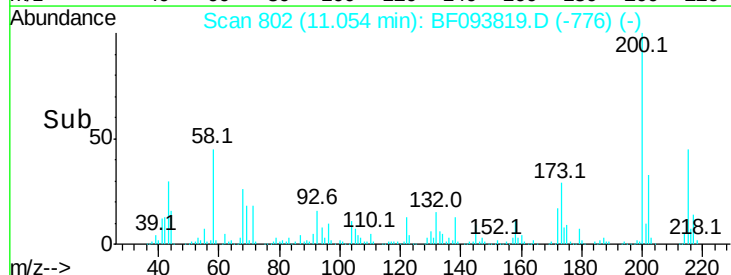
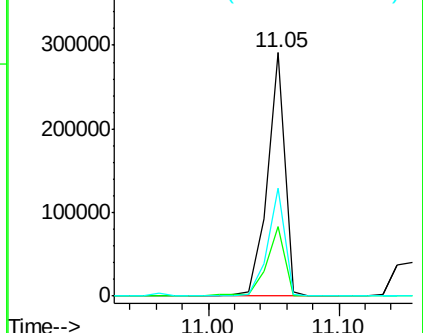
215 44.6 27.2 67.2

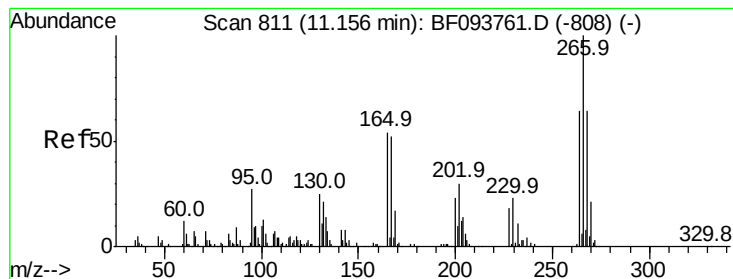


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 79.81 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

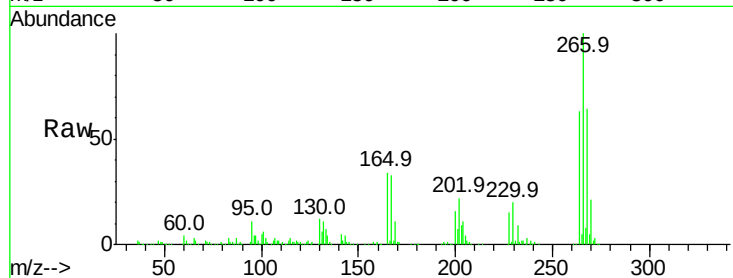
Tot Ion:266 Resp: 274988

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

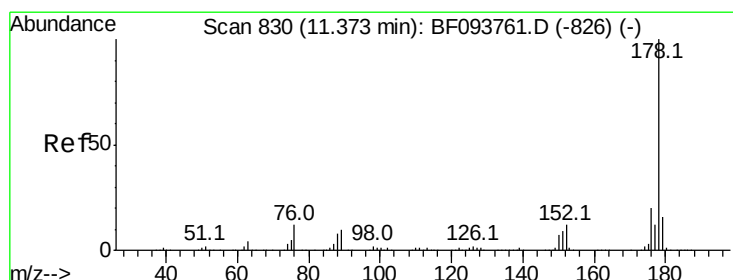
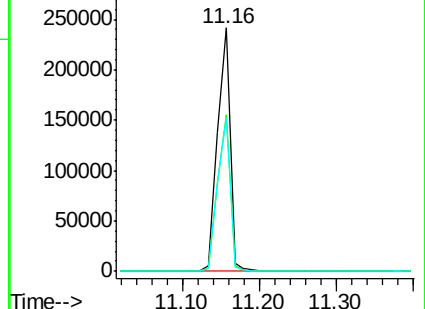
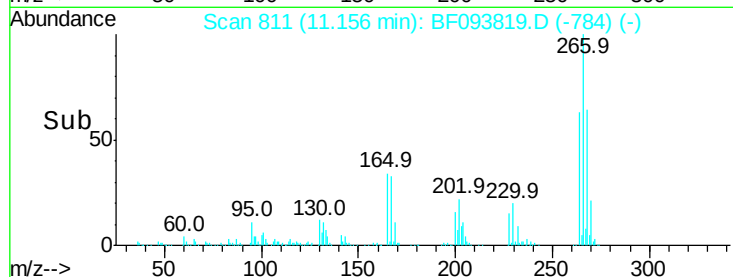
264 63.2 51.7 77.5



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: 42.13 ng

RT: 11.37 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

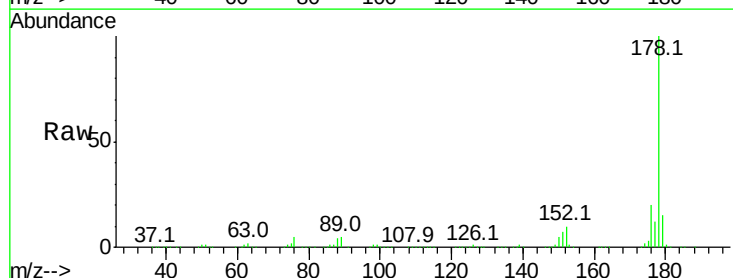
Tgt Ion:178 Resp: 1331772

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

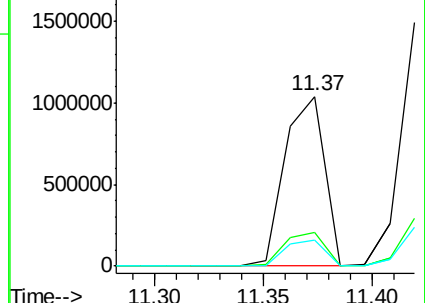
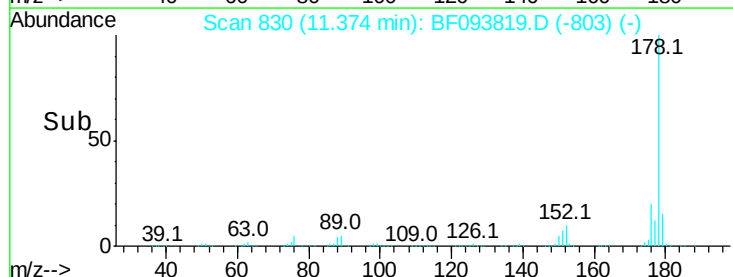
179 15.2 12.6 19.0

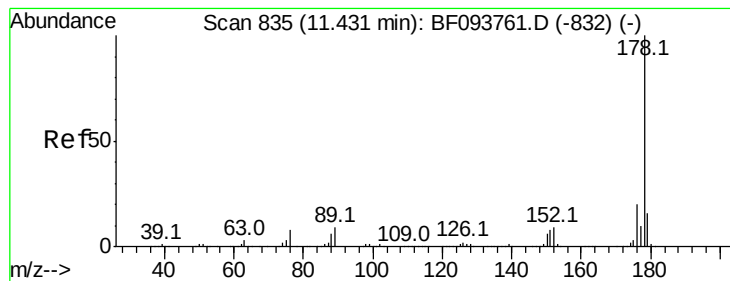


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.04 ng

RT: 11.42 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

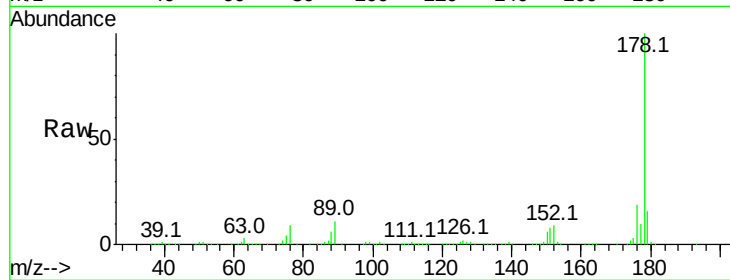
Tot Ion:178 Resp: 1303067

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

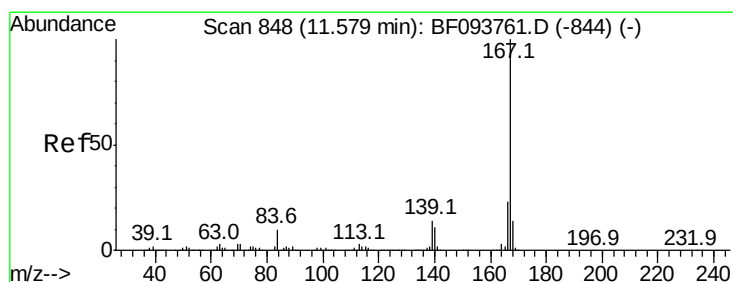
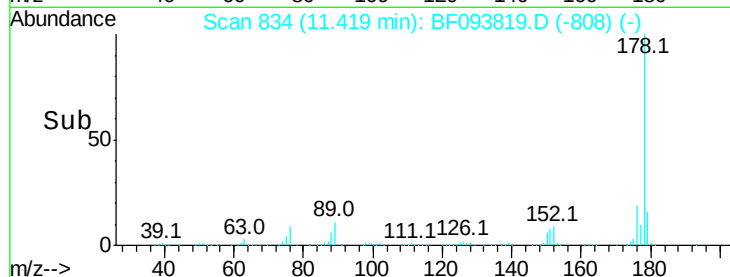
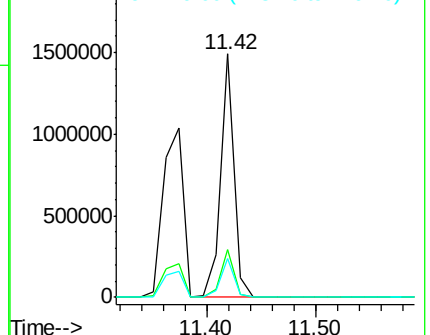
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.23 ng

RT: 11.57 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

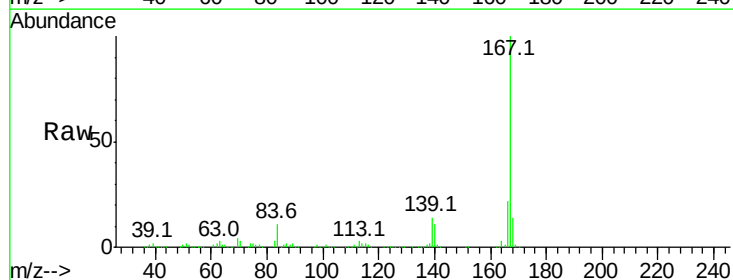
Tgt Ion:167 Resp: 1135292

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

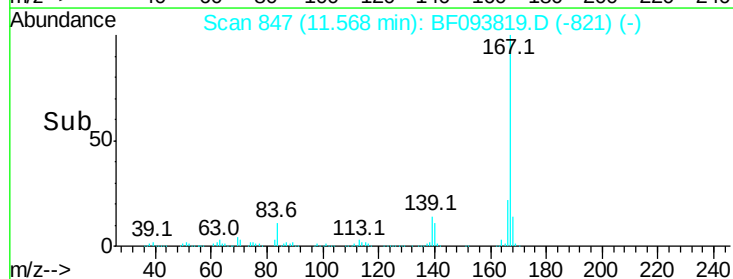
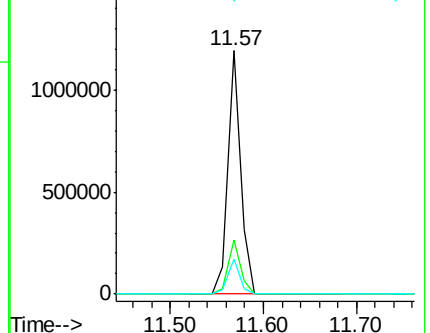
139 14.4 11.7 17.5

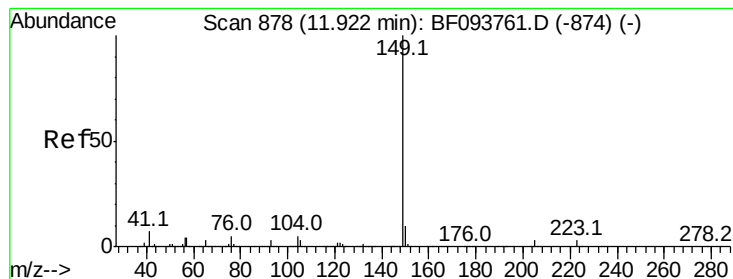


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.52 ng

RT: 11.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

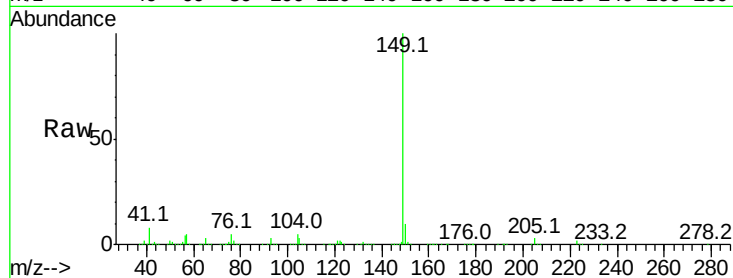
Tot Ion:149 Resp: 1474666

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

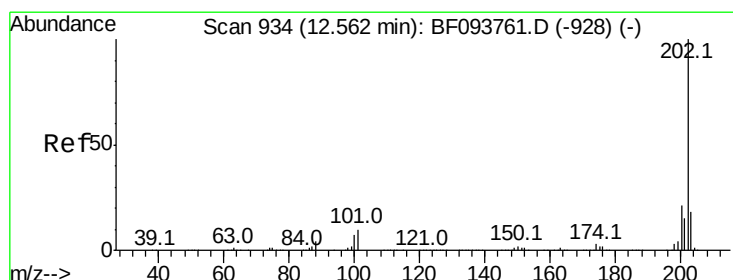
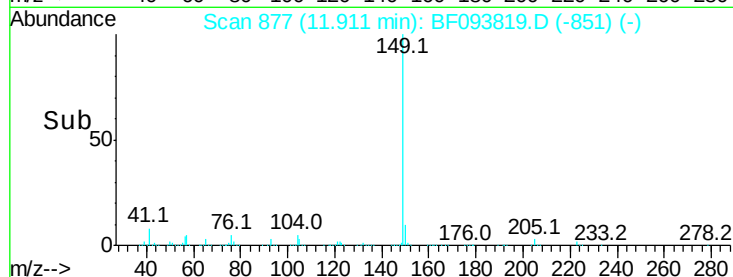
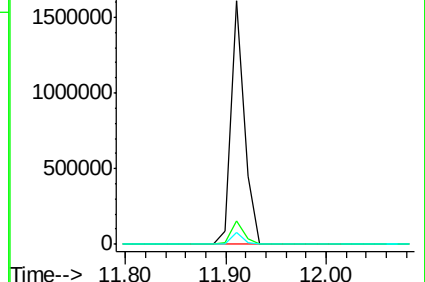
104 5.0 4.0 6.0



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: 36.77 ng

RT: 12.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

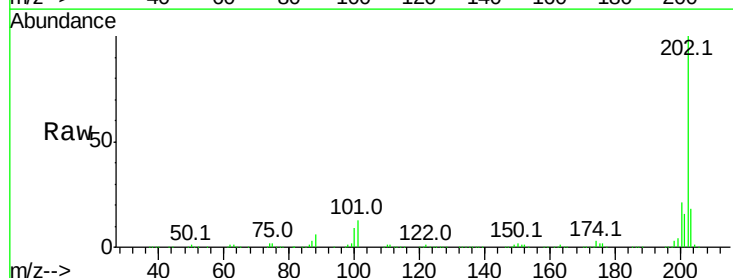
Tgt Ion:202 Resp: 1194866

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

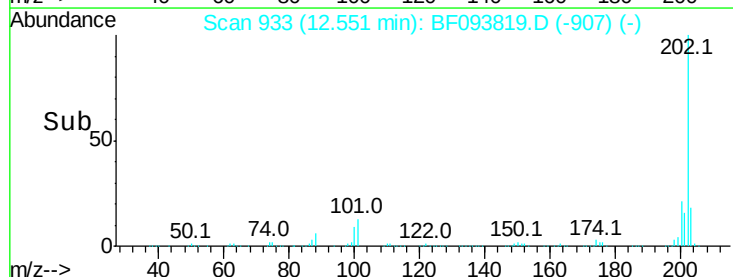
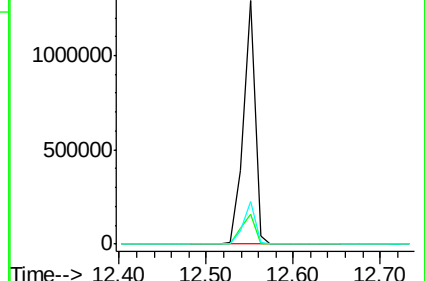
203 17.7 0.0 38.1

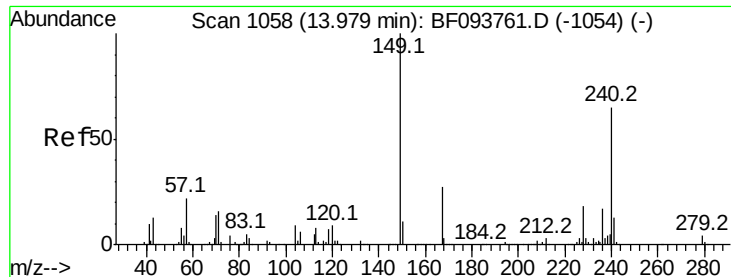


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

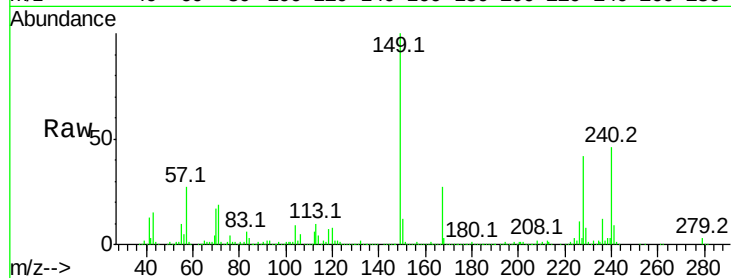
Tot Ion:240 Resp: 336048

Ion Ratio Lower Upper

240 100

120 16.8 5.8 8.8#

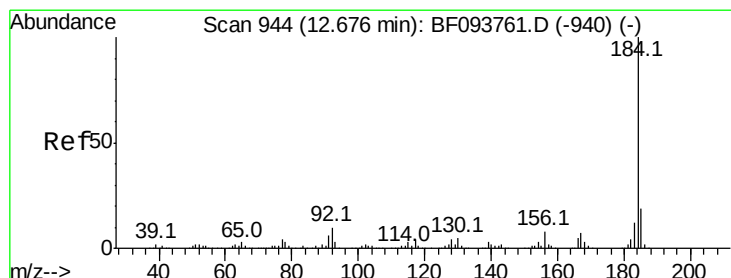
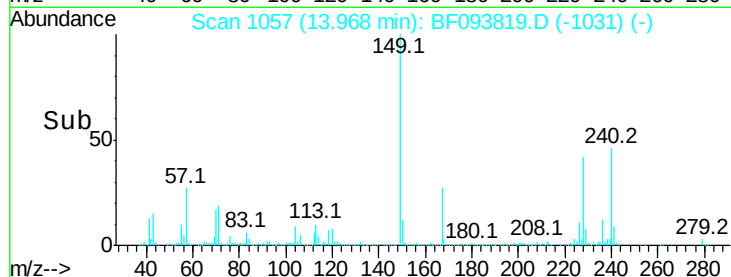
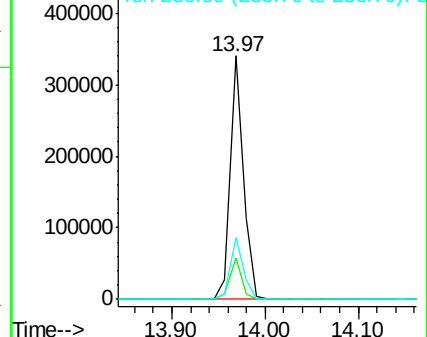
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.95 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

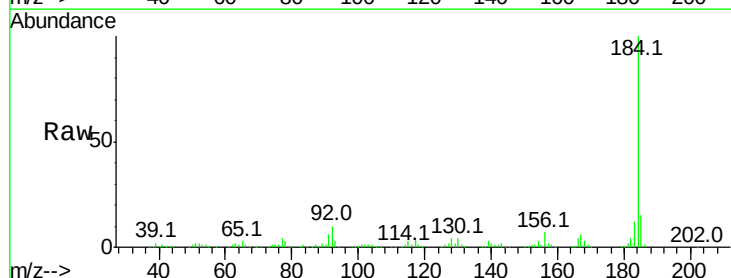
Tgt Ion:184 Resp: 367814

Ion Ratio Lower Upper

184 100

185 15.5 15.5 23.3#

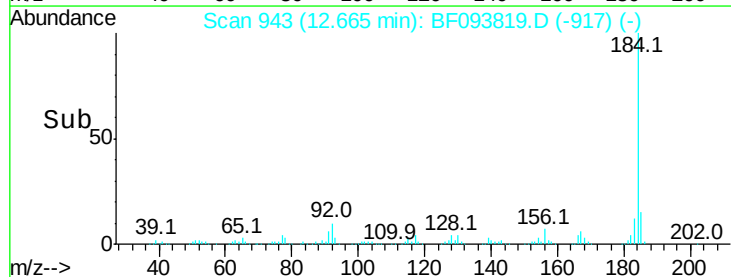
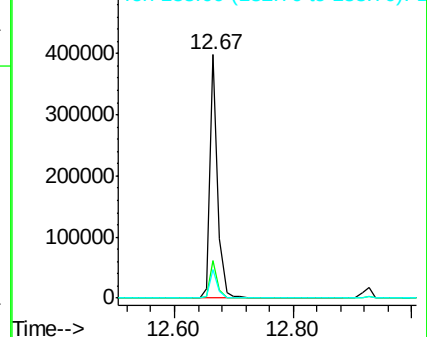
183 11.8 9.8 14.6

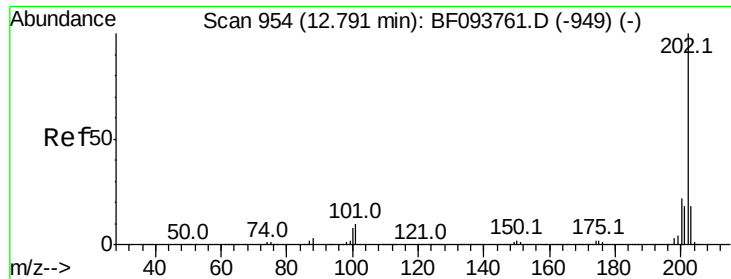


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

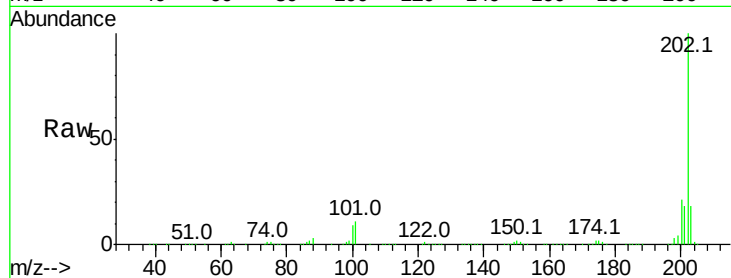




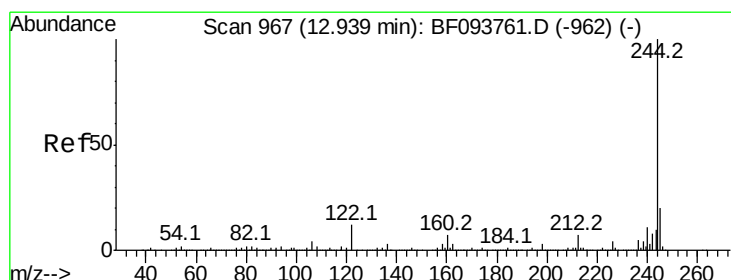
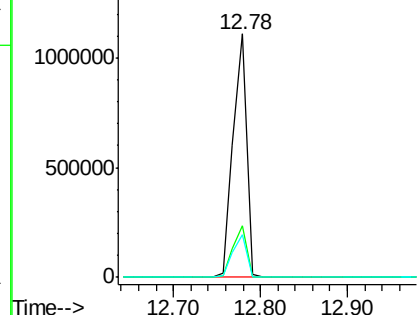
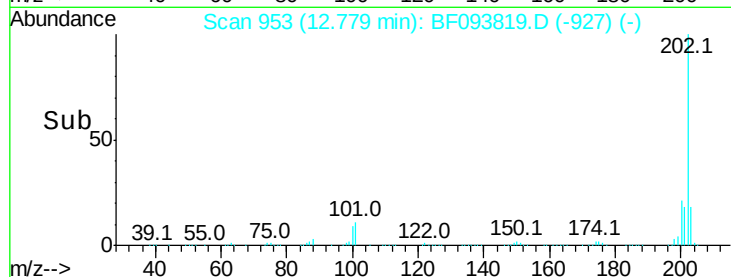
#77
Pvrene
Concen: 43.04 ng
RT: 12.78 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Instrument :
BNA_F
ClientSampleId :
PB97716BSD

Tot Ion:202 Resp: 1203529
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.6 14.4 21.6

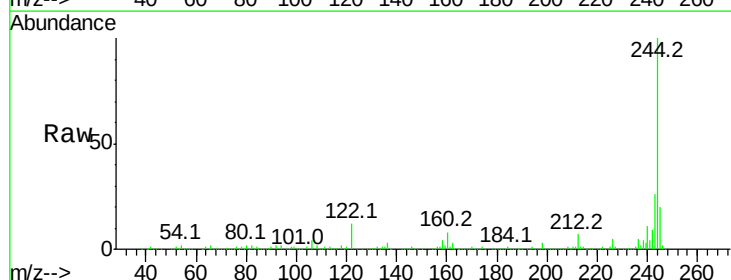


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

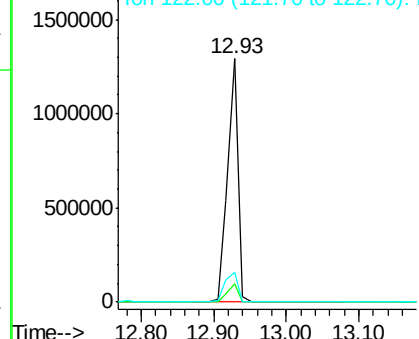
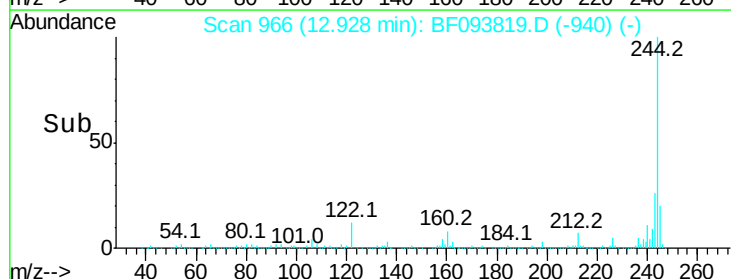


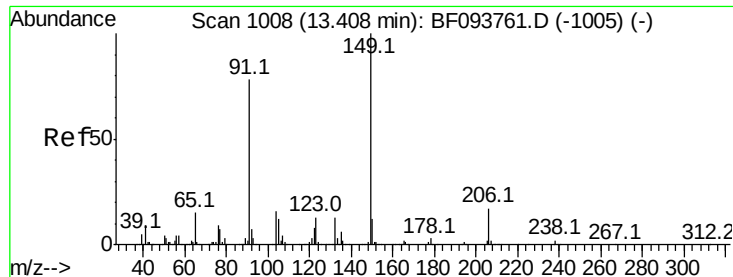
#78
Terphenyl-d14
Concen: 78.52 ng
RT: 12.93 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:244 Resp: 1294190
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 12.0 10.3 15.5



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

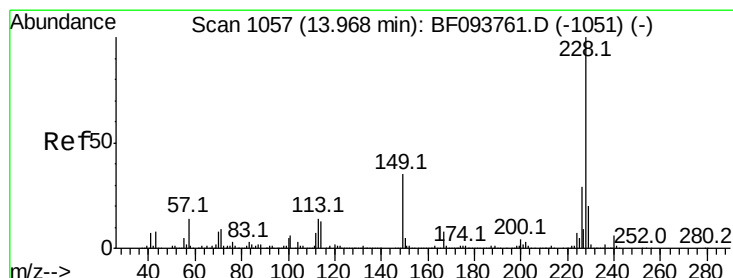
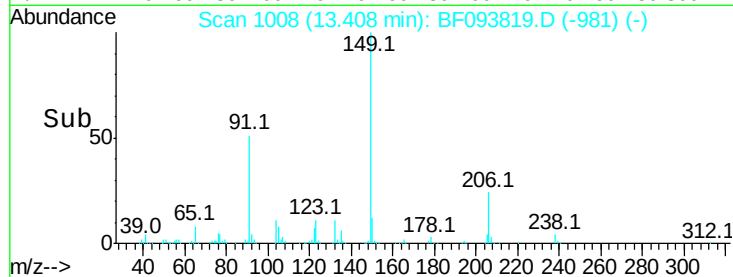
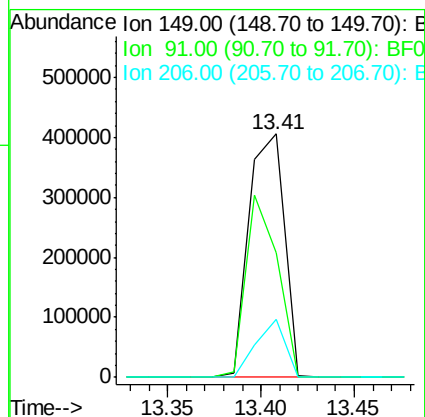
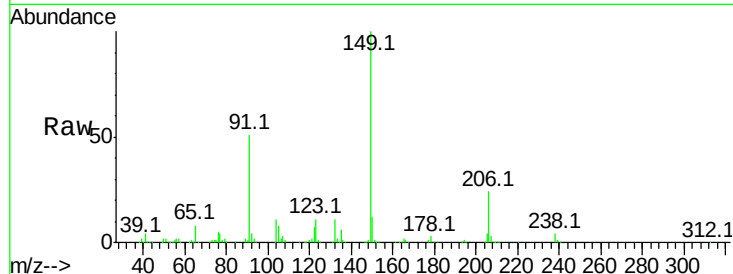




#79
 Butylbenzylphthalate
 Concen: 42.83 ng
 RT: 13.41 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

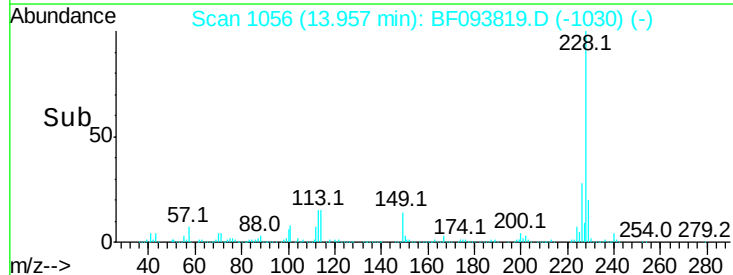
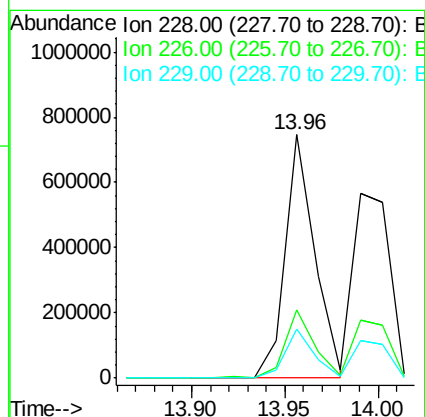
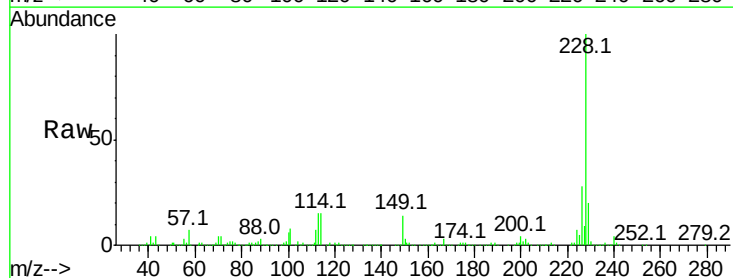
Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

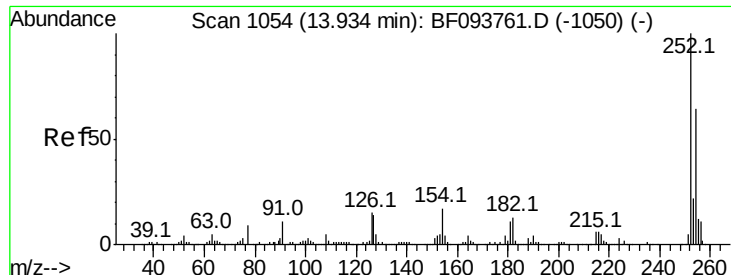
Tot Ion:	149	Resp:	535332
Ion Ratio	Lower	Upper	
149	100		
91	51.3	45.0	67.4
206	23.6	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 39.06 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion:	228	Resp:	822195
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	20.3	16.3	24.5

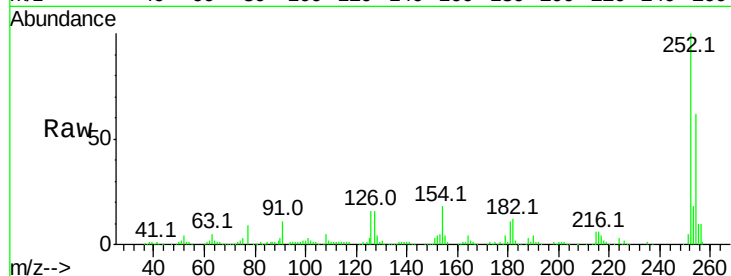




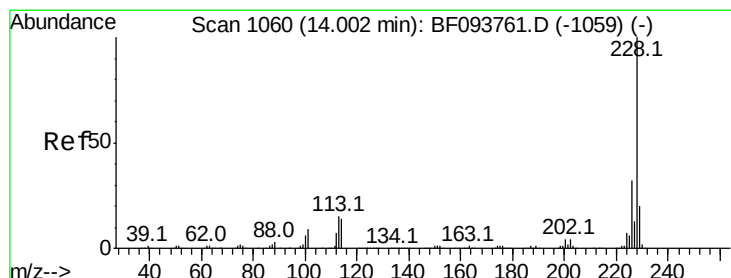
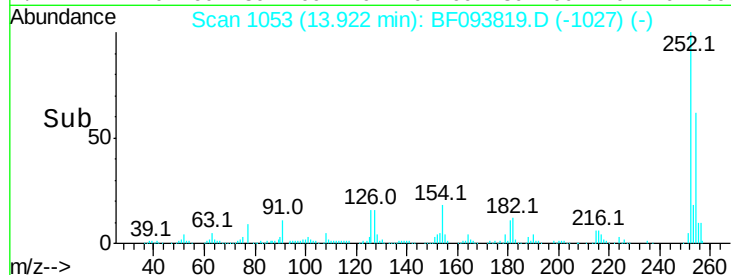
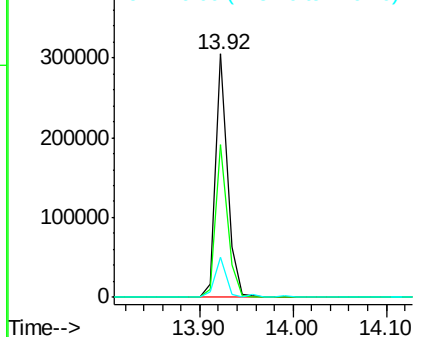
#81
 3,3'-Dichlorobenzidine
 Concen: 33.91 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BSD

Tot Ion:252 Resp: 268944
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.5 77.3
 126 16.2 15.8 23.8

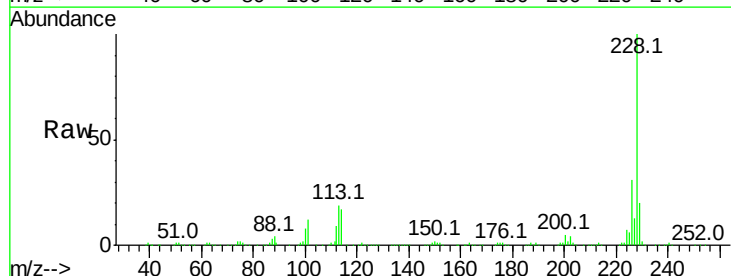


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

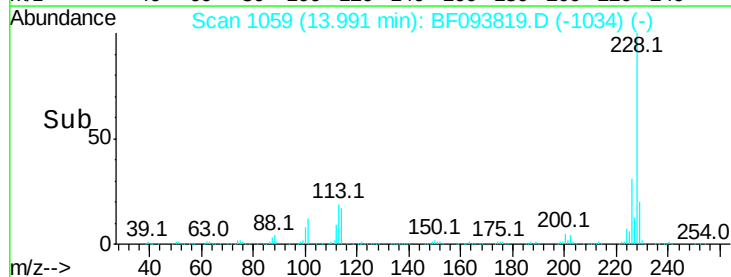
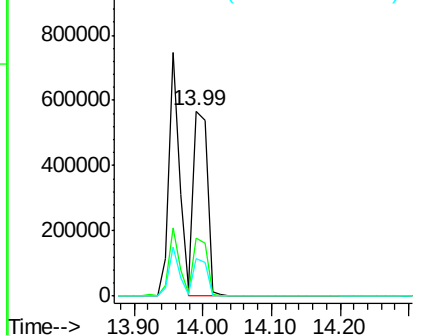


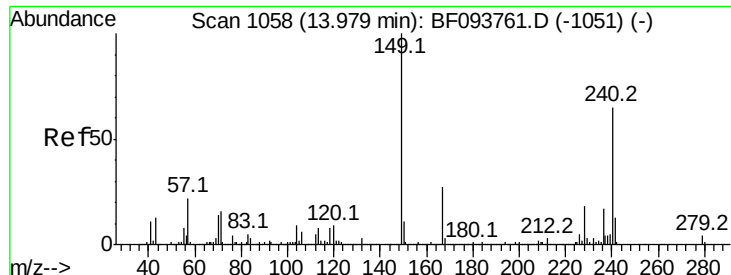
#82
 Chrysene
 Concen: 37.07 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BF093819.D
 Acq: 22 Mar 2017 6:24

Tgt Ion:228 Resp: 779724
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.5 15.8 23.6



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: 43.44 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

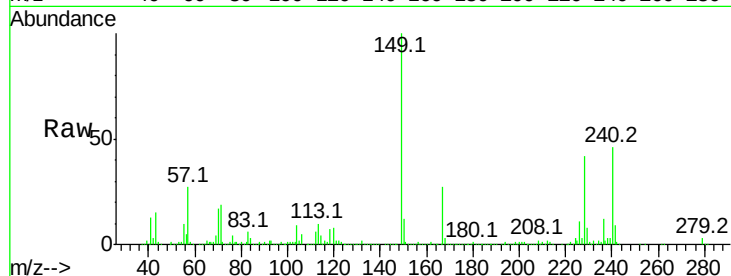
Tot Ion:149 Resp: 653990

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

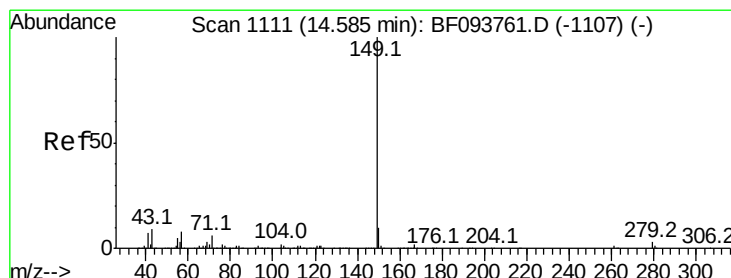
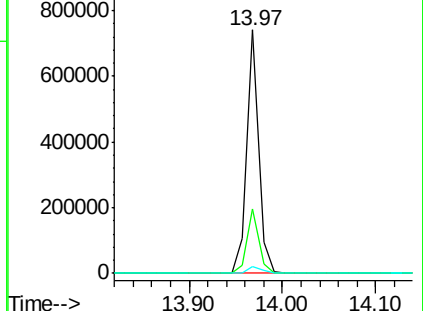
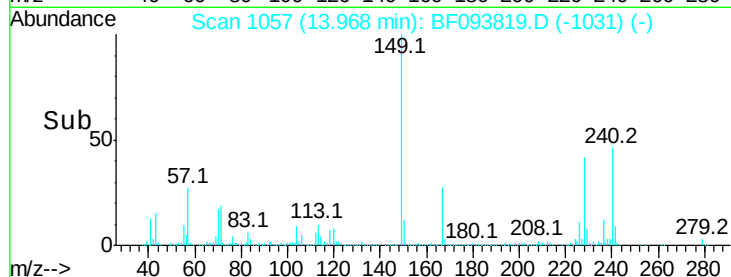
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.68 ng

RT: 14.57 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

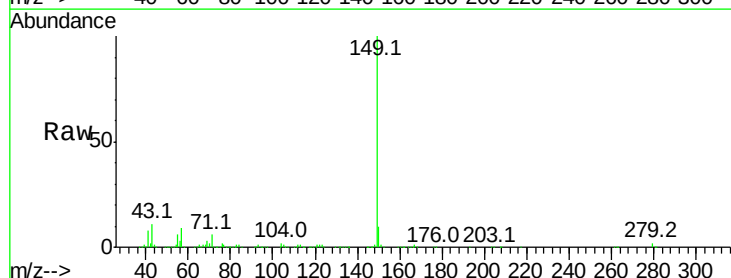
Tgt Ion:149 Resp: 1117464

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

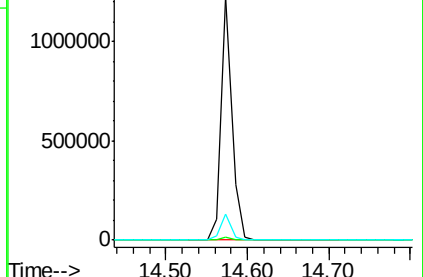
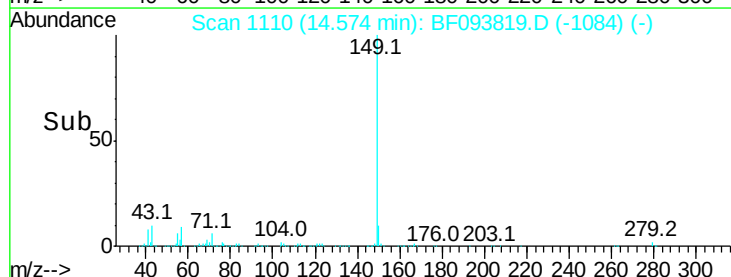
43 10.3 8.5 12.7

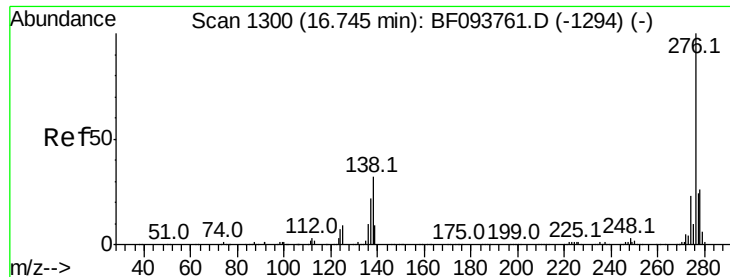


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

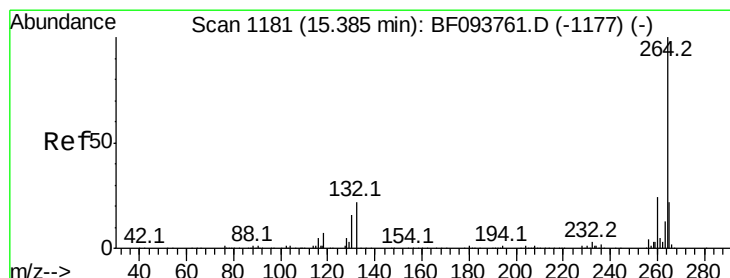
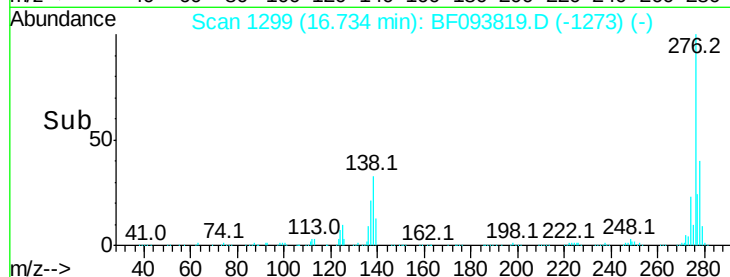
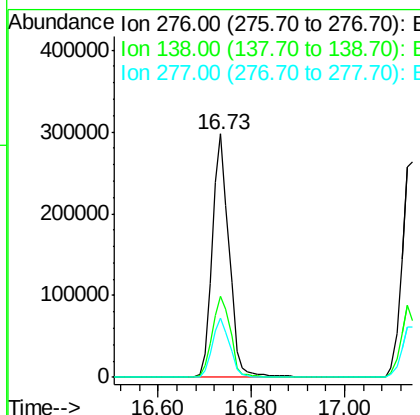
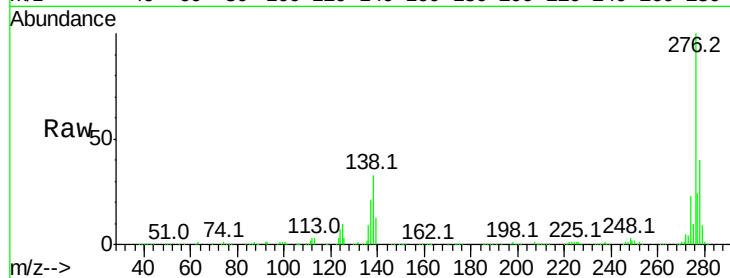




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.30 ng
RT: 16.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

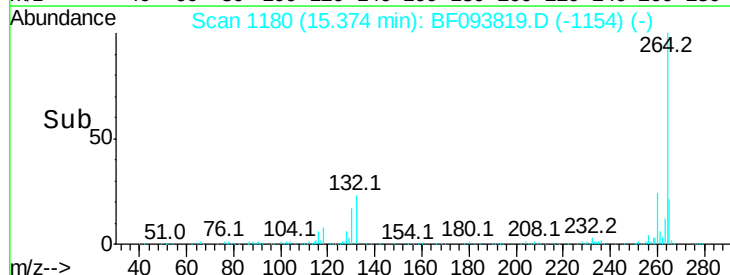
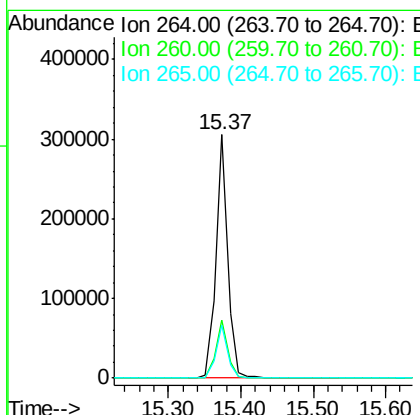
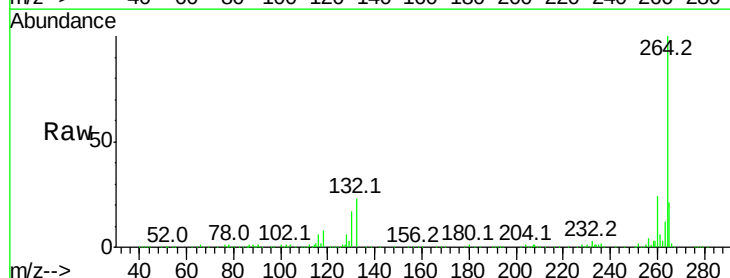
Instrument :
BNA_F
ClientSampleId :
PB97716BSD

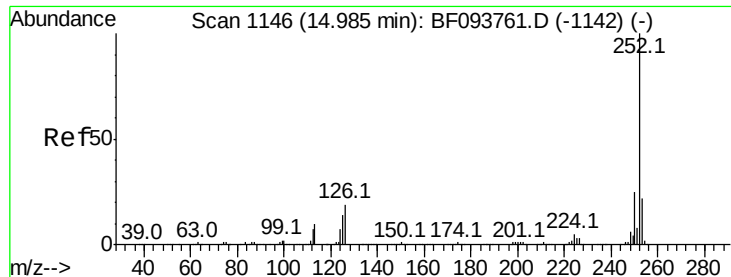
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.9	27.8	41.6
277	25.0	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.5	17.2	25.8

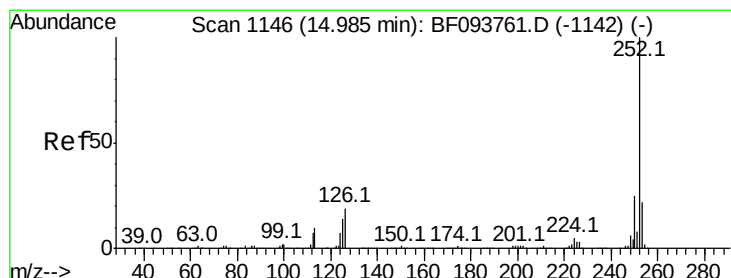
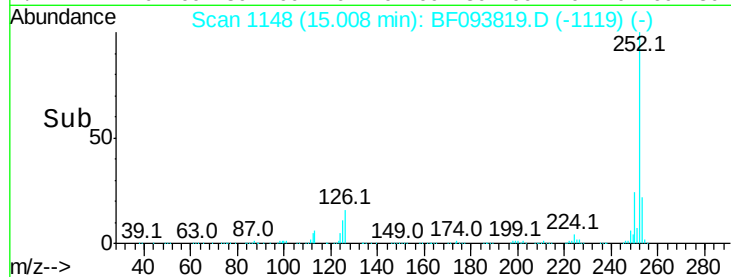
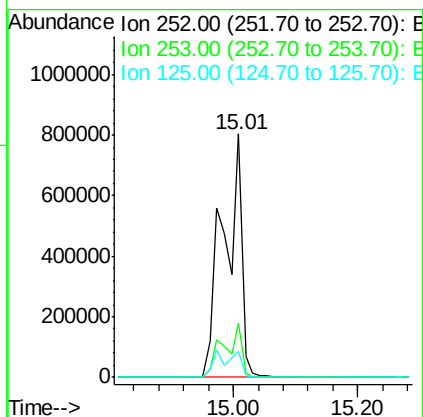
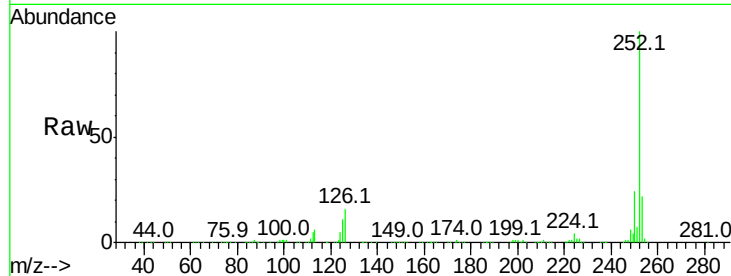




#87
Benzo(b)fluoranthene
Concen: 70.81 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.03 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

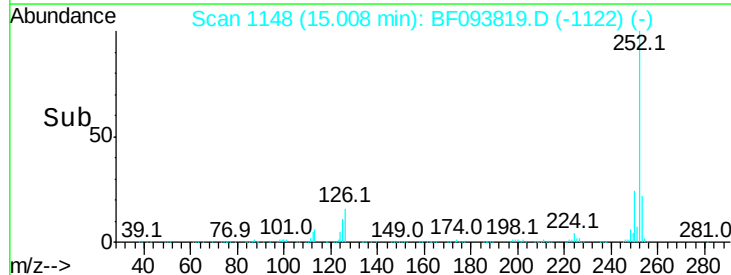
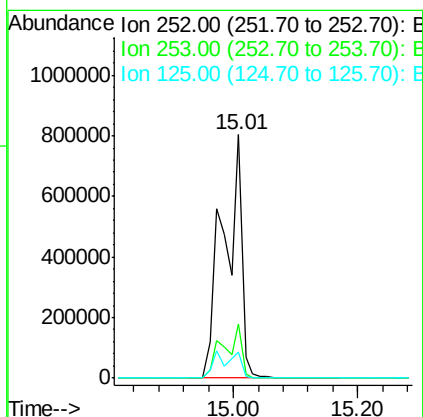
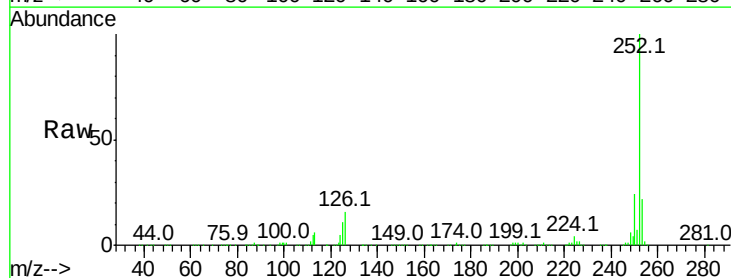
Instrument :
BNA_F
ClientSampleId :
PB97716BSD

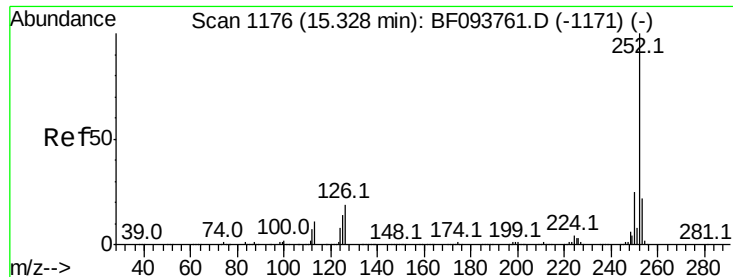
Tot Ion:252 Resp: 1651158
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 95.89 ng
RT: 15.01 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion:252 Resp: 1651158
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 10.8 13.1 19.7#

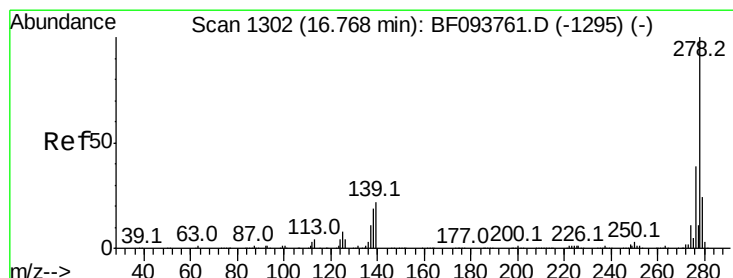
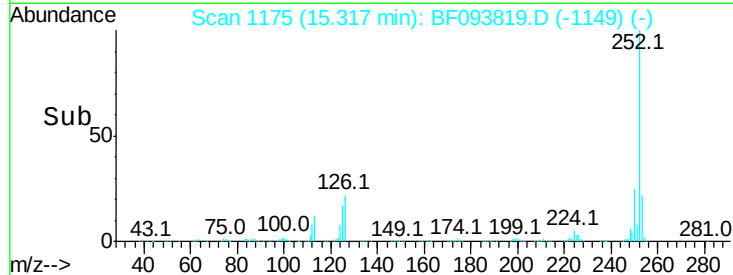
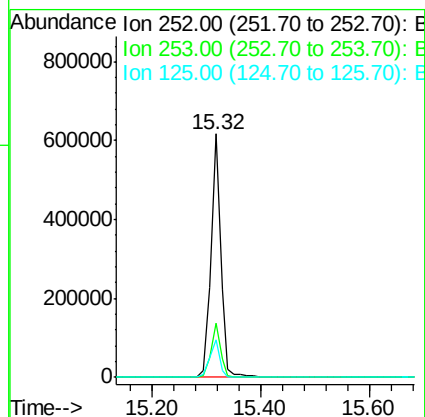
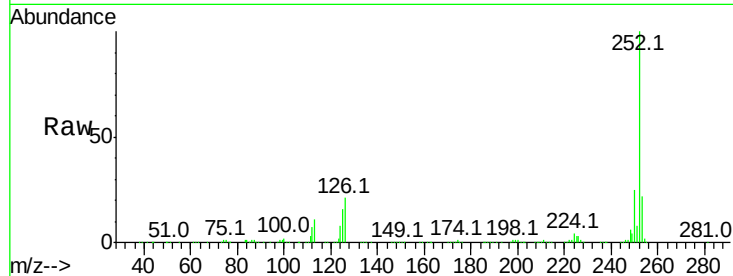




#89
Benzo(a)pyrene
Concen: 41.33 ng
RT: 15.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

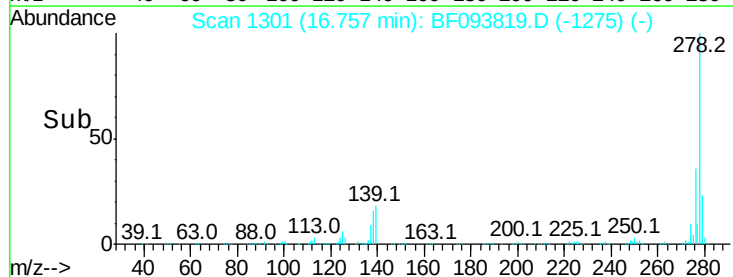
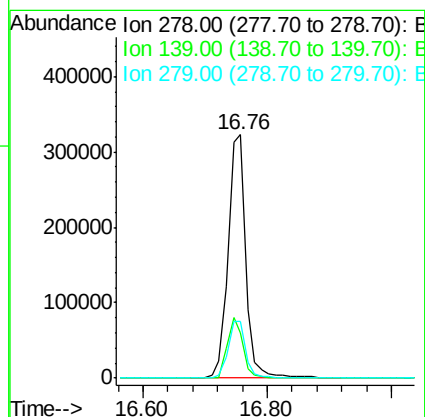
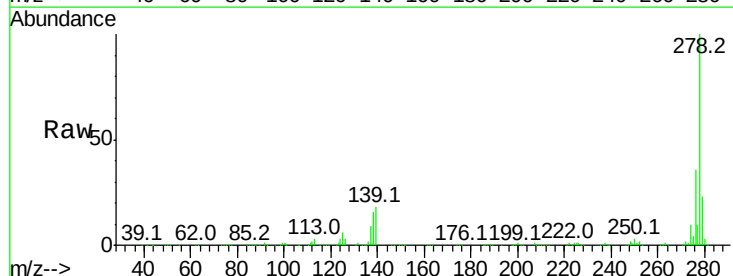
Instrument :
BNA_F
ClientSampleId :
PB97716BSD

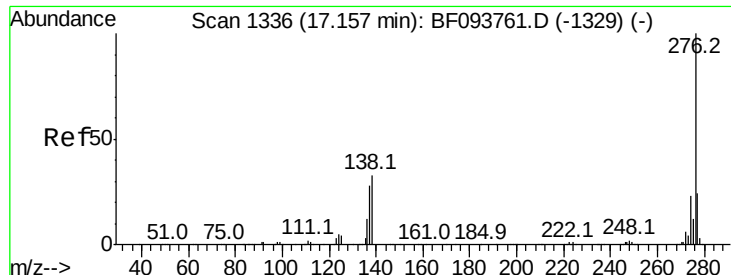
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	15.7	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 40.69 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF093819.D
Acq: 22 Mar 2017 6:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	16.6	24.8
279	23.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 38.22 ng

RT: 17.15 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF093819.D

Acq: 22 Mar 2017 6:24

Instrument :

BNA_F

ClientSampleId :

PB97716BSD

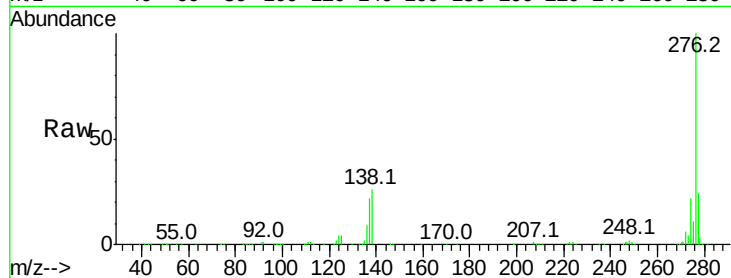
Tot Ion:276 Resp: 595586

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 26.0 25.4 38.0



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

