

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093513.D
 Acq On : 10 Mar 2017 9:34
 Operator : SJ/MA
 Sample : I2132-06MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-07MSD

Quant Time: Mar 10 12:12:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	188818m	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	745206	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	346755	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	599243	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	404183	20.00	ng	-0.01
86) Perylene-d12	15.32	264	368282	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	653335	57.59	ng	0.01
7) Phenol-d6	6.41	99	318077m	22.23	ng	0.00
23) Nitrobenzene-d5	7.33	82	1205930	89.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	91756	40.61	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1614931	86.63	ng	-0.02
78) Terphenyl-d14	12.85	244	1341729	86.31	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	97939	15.67	ng	# 81
3) Pyridine	3.01	79	244141	15.32	ng	# 81
4) n-Nitrosodimethylamine	2.96	42	121864	16.01	ng	84
6) Aniline	6.41	93	578519m	29.46	ng	86
8) 2-Chlorophenol	6.54	128	405965	31.94	ng	99
10) Phenol	6.44	94	158621	9.05	ng	99
11) bis(2-Chloroethyl)ether	6.49	93	548465	38.71	ng	99
12) 1,3-Dichlorobenzene	6.69	146	509098m	34.99	ng	96
13) 1,4-Dichlorobenzene	6.77	146	529258m	35.53	ng	94
14) 1,2-Dichlorobenzene	6.92	146	482707	36.59	ng	99
15) Benzyl Alcohol	6.92	79	290349	28.47	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	948684	40.30	ng	89
17) 2-Methylphenol	7.04	107	179215m	16.67	ng	94
18) Hexachloroethane	7.26	117	140926	28.05	ng	# 89
19) n-Nitroso-di-n-propylamine	7.18	70	432464	43.97	ng	94
20) 3+4-Methylphenols	7.20	107	206481m	14.81	ng	99
22) Acetophenone	7.17	105	728961	40.65	ng	# 89
24) Nitrobenzene	7.35	77	650401	43.09	ng	94
25) Isophorone	7.58	82	1107379	40.89	ng	93
26) 2-Nitrophenol	7.67	139	56263	8.17	ng	92
27) 2,4-Dimethylphenol	7.72	122	242532	21.65	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	755683	44.20	ng	84
29) 2,4-Dichlorophenol	7.91	162	353700	33.56	ng	94
30) 1,2,4-Trichlorobenzene	7.98	180	419667	37.44	ng	99
31) Naphthalene	8.06	128	1455570	38.98	ng	# 92
33) 4-Chloroaniline	8.12	127	584357	38.56	ng	100
34) Hexachlorobutadiene	8.17	225	213659	37.01	ng	# 30
35) Caprolactam	8.48	113	21121	5.87	ng	95
36) 4-Chloro-3-methylphenol	8.62	107	277942	24.71	ng	99
37) 2-Methylnaphthalene	8.74	142	905391	38.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	418863	44.24	ng	91
42) 2,4,6-Trichlorophenol	9.04	196	130193	22.01	ng	# 87
43) 2,4,5-Trichlorophenol	9.09	196	145581	22.93	ng	98
45) 1,1'-Biphenyl	9.21	154	1188511	47.05	ng	

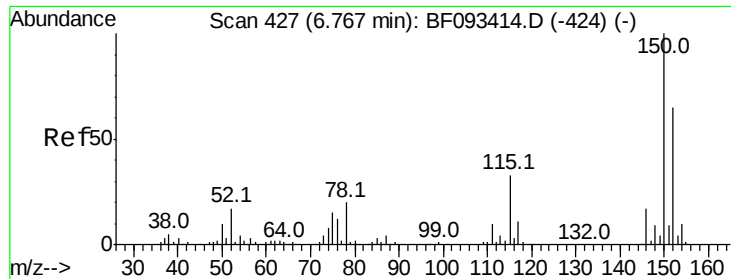
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.24	162	876106	45.31	nq	95
47) 2-Nitroaniline	9.35	65	389834	57.03	nq	97
48) Acenaphthylene	9.65	152	1341741	42.08	nq	99
49) Dimethylphthalate	9.52	163	962485	41.87	nq	99
50) 2,6-Dinitrotoluene	9.59	165	241867	47.95	nq	# 84
51) Acenaphthene	9.82	154	802880	42.58	nq	96
52) 3-Nitroaniline	9.76	138	258823	42.71	nq	98
54) Dibenzofuran	9.99	168	1188466	50.35	nq	99
56) 2,4-Dinitrotoluene	10.00	165	61184	9.87	nq	# 66
57) Fluorene	10.33	166	847975	42.40	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	53490	11.94	nq	# 74
59) Diethylphthalate	10.21	149	946184	43.07	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	410429	45.78	nq	97
61) 4-Nitroaniline	10.38	138	295759	47.72	nq	95
62) Azobenzene	10.48	77	1239065	49.63	nq	93
65) n-Nitrosodiphenylamine	10.45	169	786780	39.32	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	249254	39.33	nq	99
67) Hexachlorobenzene	10.88	284	237410	39.24	nq	# 76
68) Atrazine	10.98	200	302613	51.67	nq	96
70) Phenanthrene	11.29	178	1271242	37.17	nq	100
71) Anthracene	11.35	178	1465911	42.37	nq	99
72) Carbazole	11.51	167	1200247	36.93	nq	99
73) Di-n-butylphthalate	11.83	149	1465741	38.98	nq	98
74) Fluoranthene	12.48	202	1165722	35.28	nq	99
76) Benzidine	12.62	184	2046675	153.99	nq	96
77) Pyrene	12.71	202	1155371	39.30	nq	99
79) Butylbenzylphthalate	13.33	149	524591	42.39	nq	87
80) Benzo(a)anthracene	13.90	228	898847	37.66	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	363003	43.42	nq	# 95
82) Chrysene	13.93	228	835150	37.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	761445	44.15	nq	# 99
84) Di-n-octyl phthalate	14.49	149	1180906	41.08	nq	96
85) Indeno(1,2,3-cd)pyrene	16.69	276	906873	49.06	nq	# 94
87) Benzo(b)fluoranthene	14.93	252	1018300m	45.40	nq	
88) Benzo(k)fluoranthene	14.95	252	729477m	33.72	nq	
89) Benzo(a)pyrene	15.26	252	867716	42.33	nq	# 96
90) Dibenzo(a,h)anthracene	16.69	278	768980	45.34	nq	97
91) Benzo(g,h,i)perylene	17.09	276	770609	44.27	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093513.D

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BNA_F

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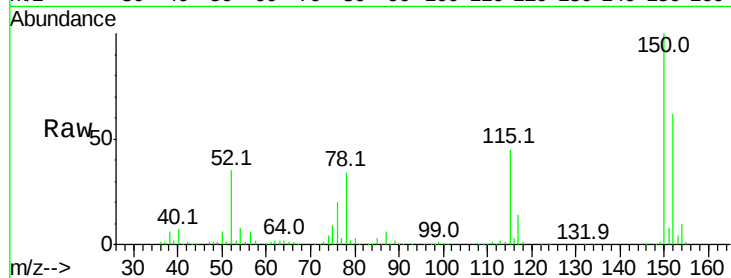
Tot Ion:152 Resp: 188818

Ion Ratio Lower Upper

152 100

150 160.3 124.9 187.3

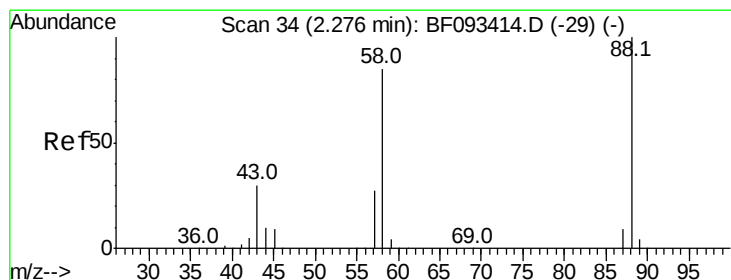
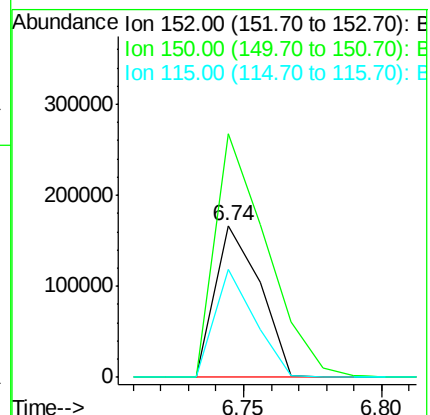
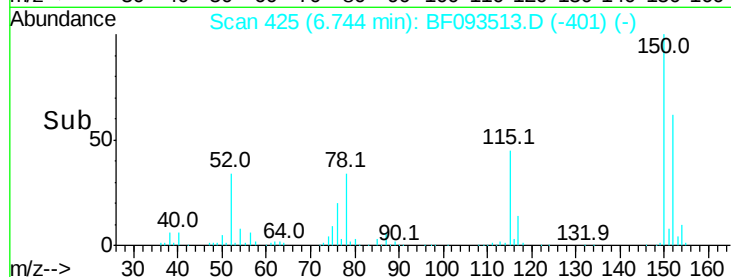
115 71.5 46.0 69.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 15.67 ng

RT: 2.30 min Scan# 36

Delta R.T. 0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

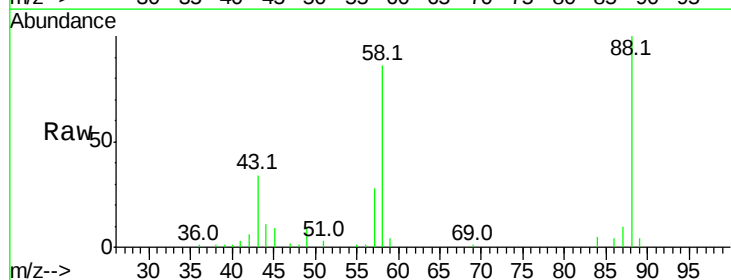
Tgt Ion: 88 Resp: 97939

Ion Ratio Lower Upper

88 100

58 89.9 57.8 86.8#

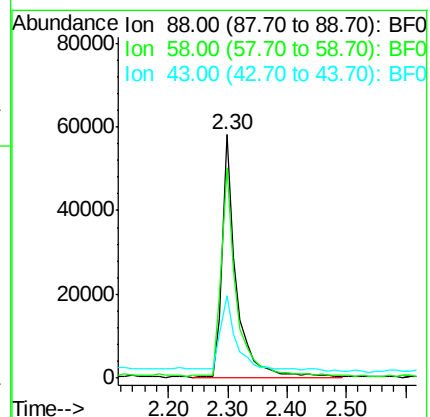
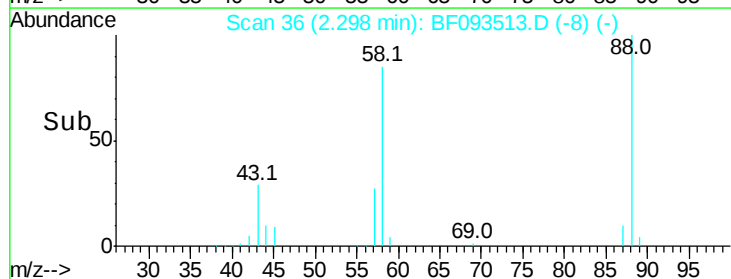
43 35.6 22.3 33.5#

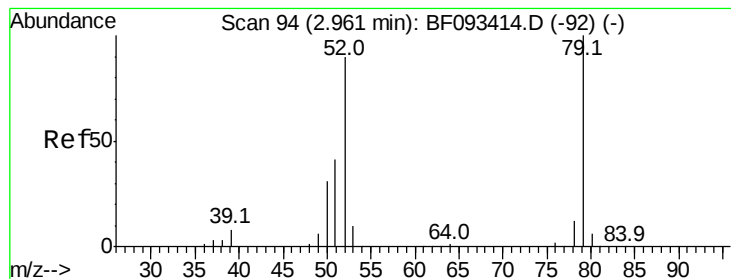


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 15.32 ng

RT: 3.01 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

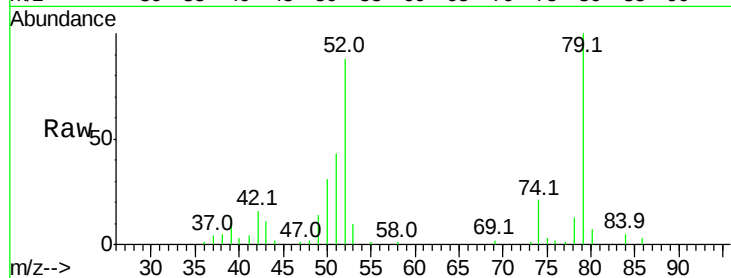
Tot Ion: 79 Resp: 244141

Ion Ratio Lower Upper

79 100

52 87.9 57.1 85.7#

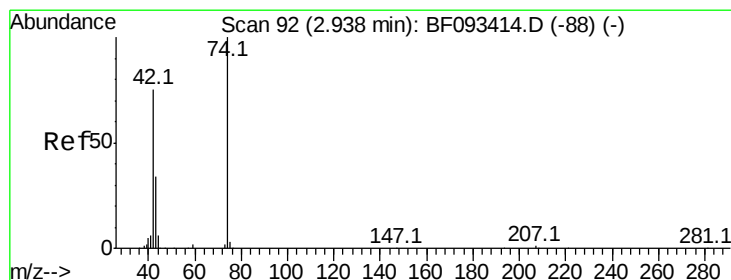
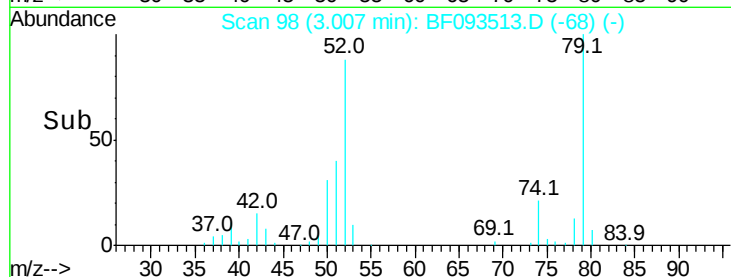
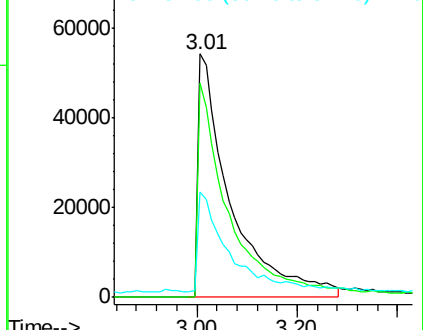
51 43.1 27.3 40.9#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 16.01 ng

RT: 2.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

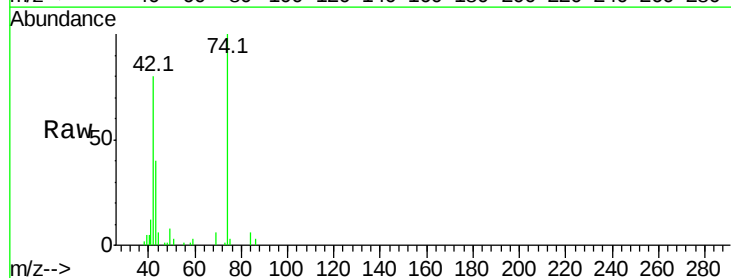
Tgt Ion: 42 Resp: 121864

Ion Ratio Lower Upper

42 100

74 124.9 117.0 175.4

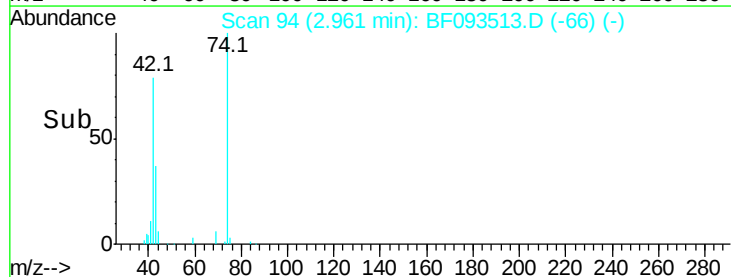
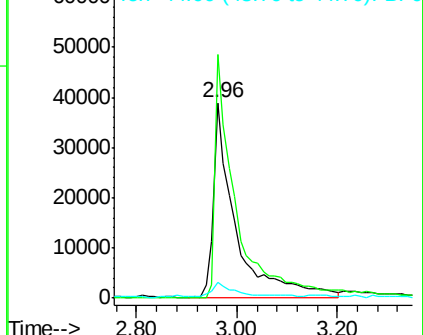
44 7.9 5.5 8.3

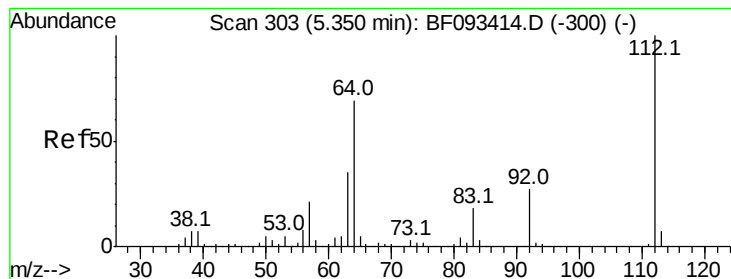


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

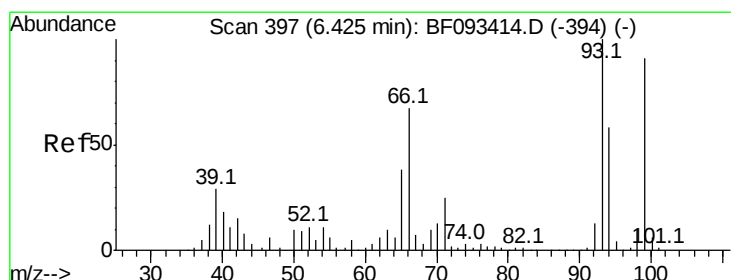
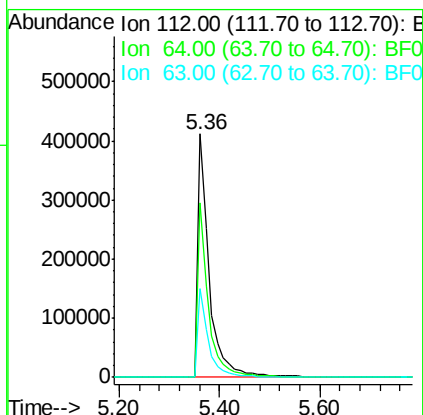
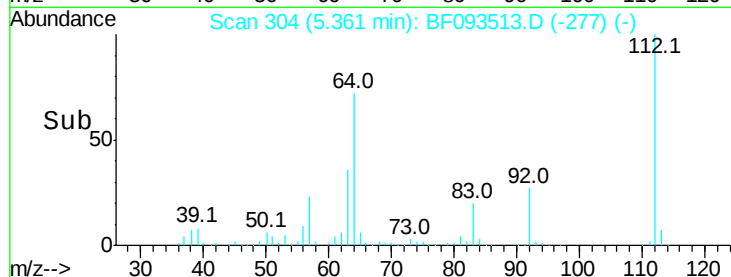
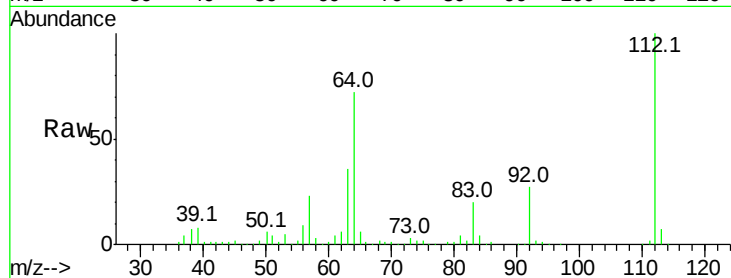




#5
 2-Fluorophenol
 Concen: 57.59 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

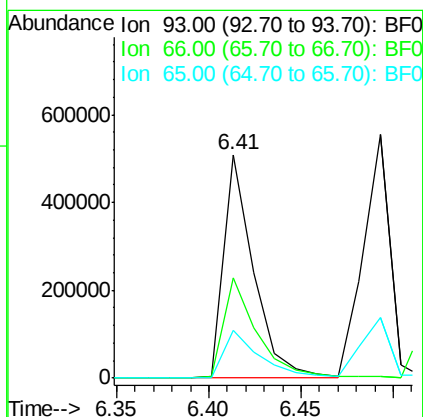
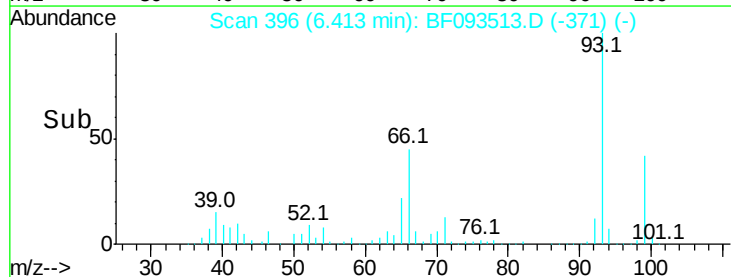
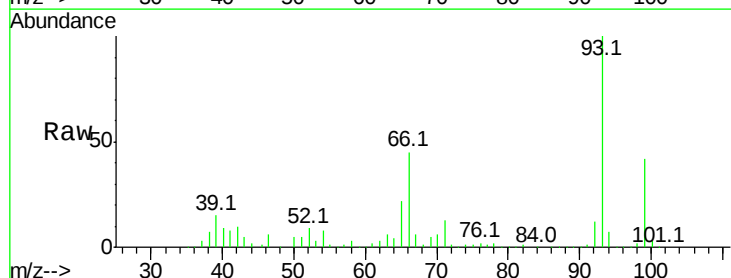
Instrument :
 BNA_F
 ClientSampled :
 W-07MSD

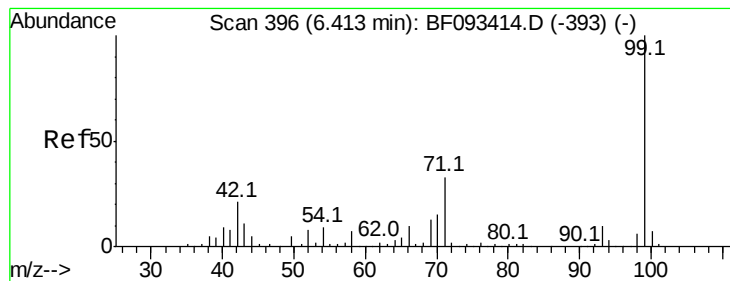
Tot Ion: 112 Resp: 653335
 Ion Ratio Lower Upper
 112 100
 64 71.8 46.1 69.1#
 63 36.3 23.8 35.6#



#6
 Aniline
 Concen: 29.46 ng m
 RT: 6.41 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion: 93 Resp: 578519
 Ion Ratio Lower Upper
 93 100
 66 45.1 76.2 114.2#
 65 21.6 49.3 73.9#





#7

Phenol-d6

Concen: 22.23 ng/ml

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

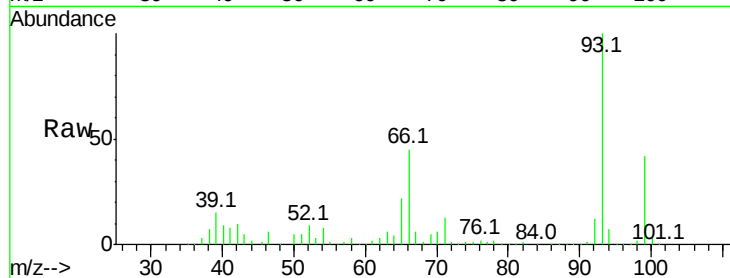
Tot Ion: 99 Resp: 318077

Ion Ratio Lower Upper

99 100

42 24.8 15.6 23.4#

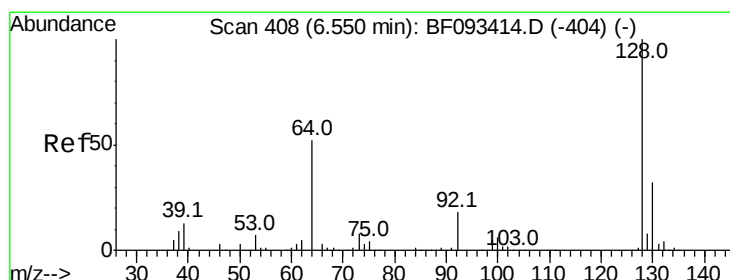
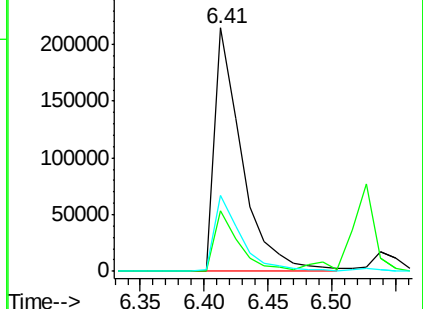
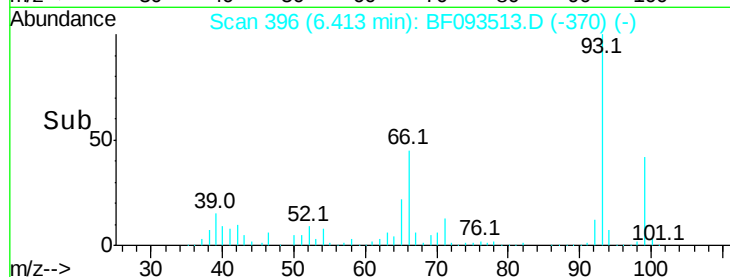
71 31.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.94 ng/ml

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

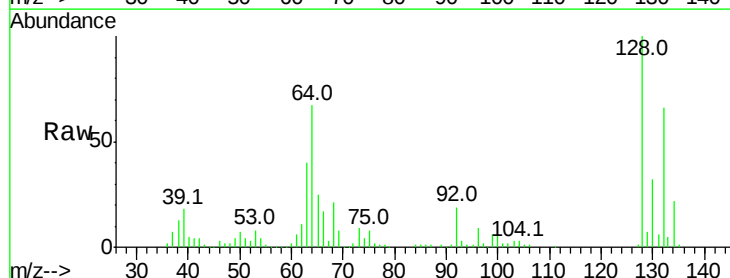
Tgt Ion: 128 Resp: 405965

Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

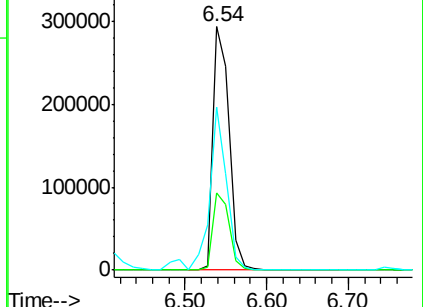
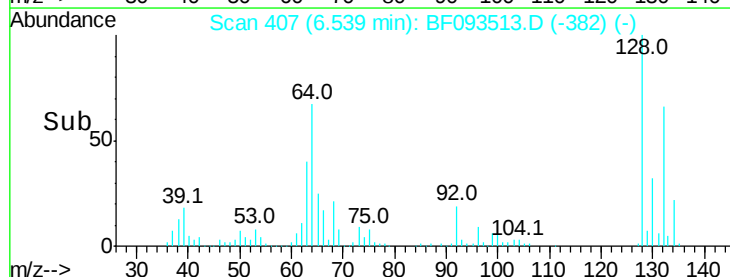
64 67.2 32.2 72.2

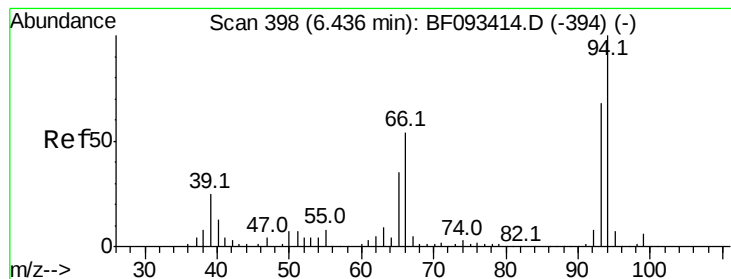


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 9.05 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

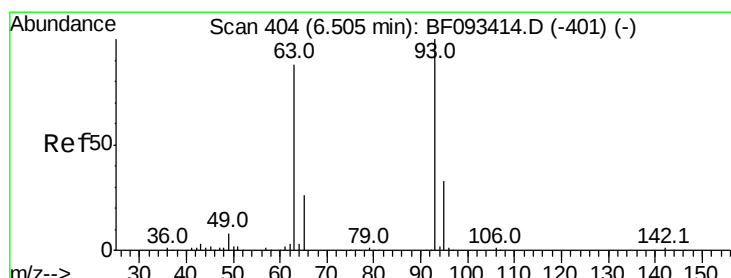
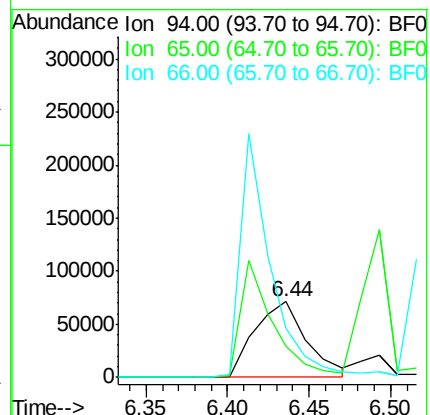
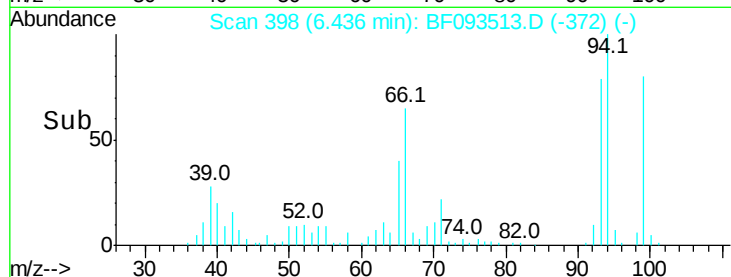
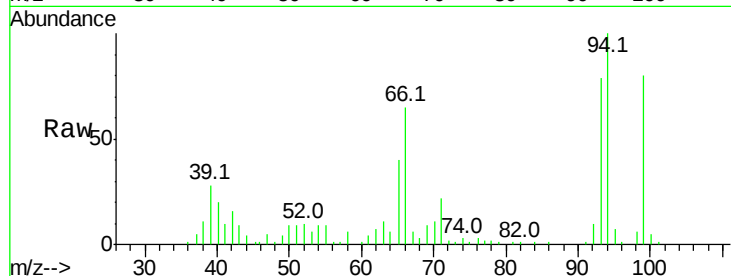
Tot Ion: 94 Resp: 158621

Ion Ratio Lower Upper

94 100

65 40.5 21.4 61.4

66 64.8 44.0 84.0



#11

bis(2-Chloroethyl)ether

Concen: 38.71 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

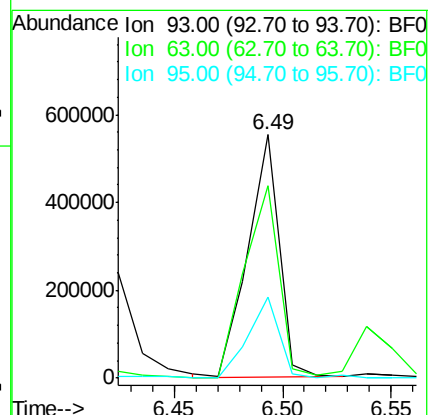
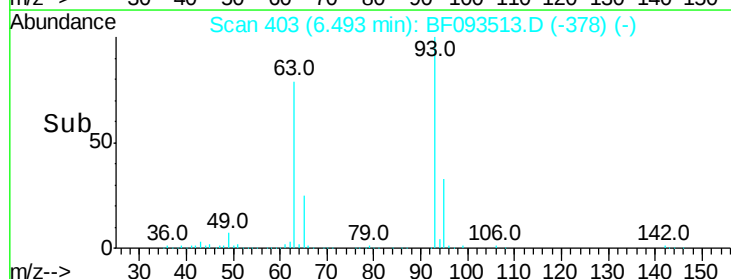
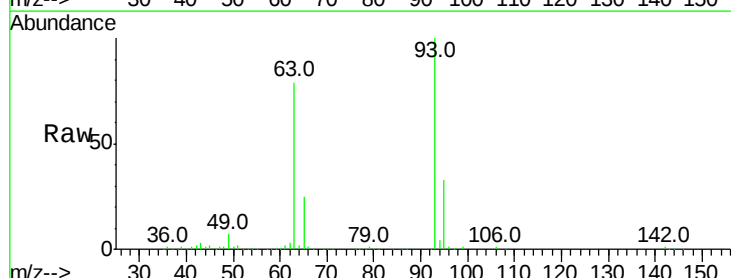
Tgt Ion: 93 Resp: 548465

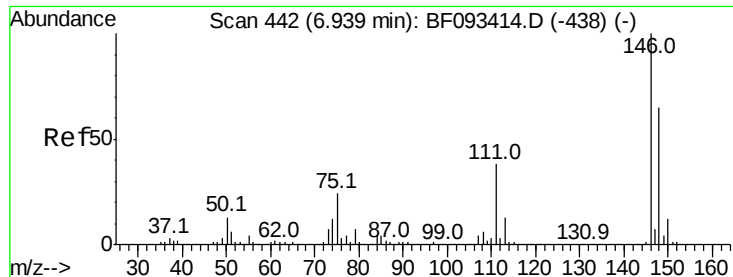
Ion Ratio Lower Upper

93 100

63 79.3 60.4 100.4

95 33.2 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 34.99 ng m

RT: 6.69 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

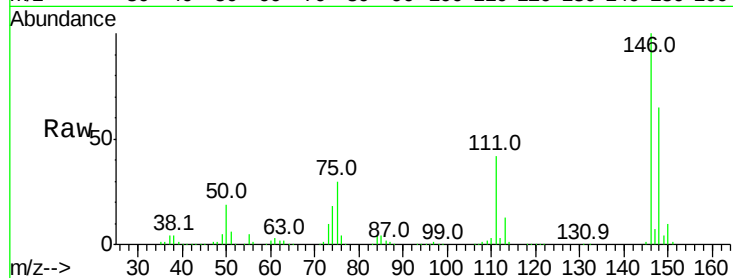
Tot Ion:146 Resp: 509098

Ion Ratio Lower Upper

146 100

148 64.7 53.4 80.0

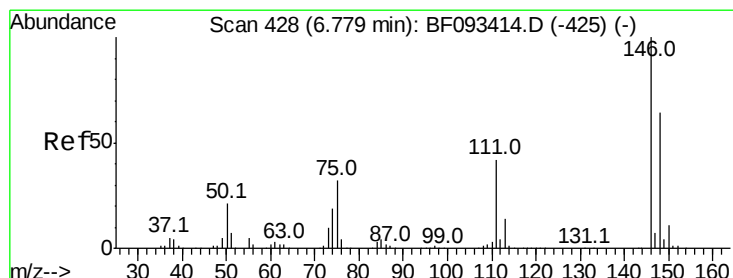
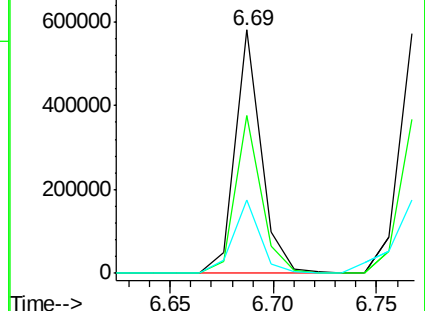
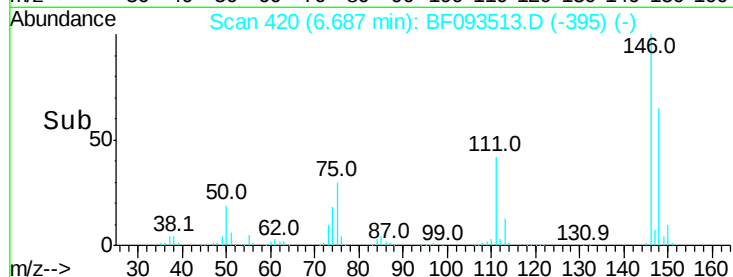
75 30.4 18.5 27.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 35.53 ng m

RT: 6.77 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

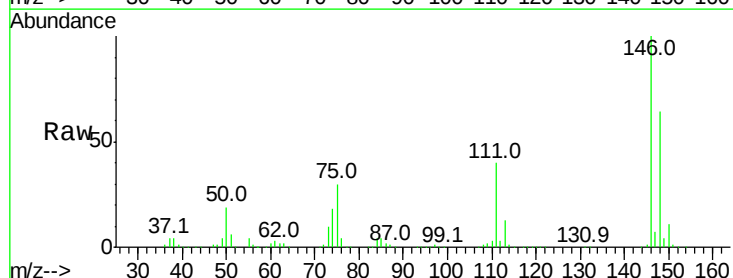
Tgt Ion:146 Resp: 529258

Ion Ratio Lower Upper

146 100

148 64.4 50.6 76.0

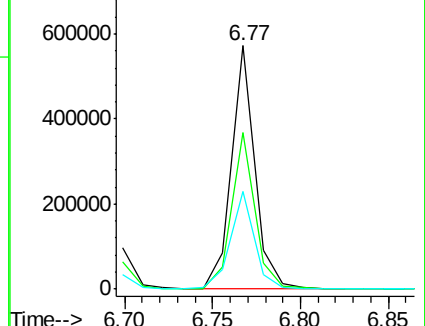
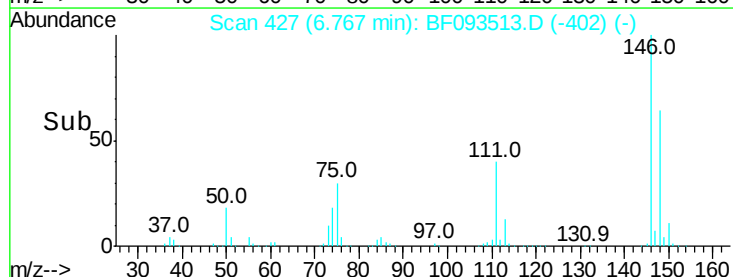
111 40.3 36.2 54.4

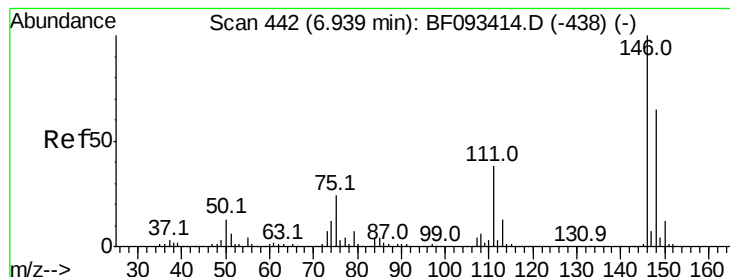


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

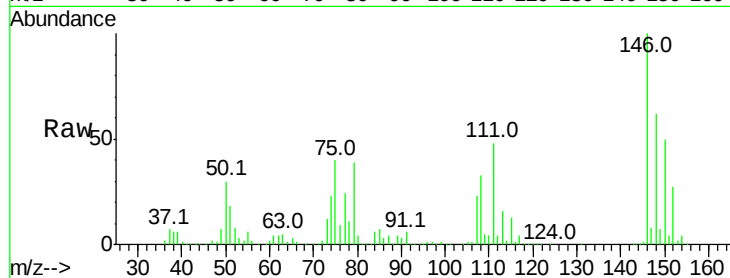




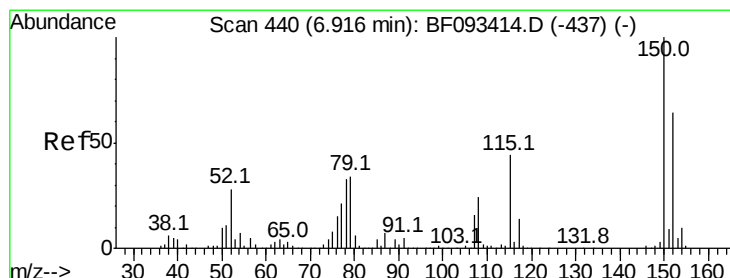
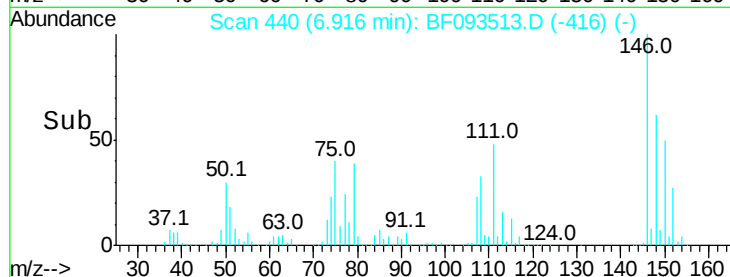
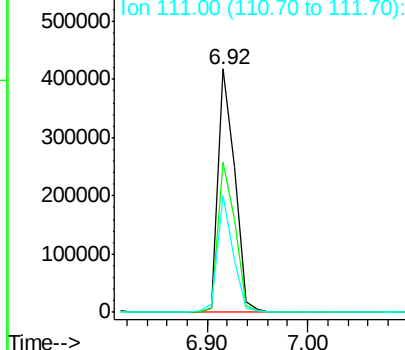
#14
 1,2-Dichlorobenzene
 Concen: 36.59 ng
 RT: 6.92 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampled :
 W-07MSD

Tot Ion:146 Resp: 482707
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.2 78.2
 111 47.9 36.2 54.2

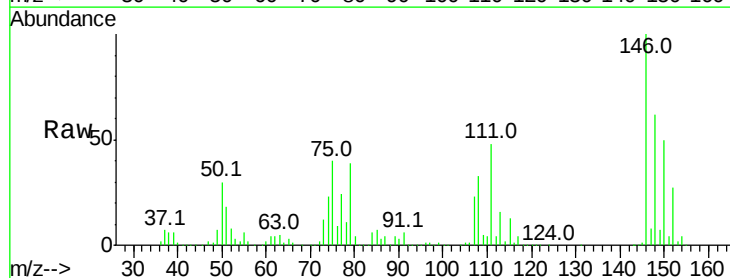


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

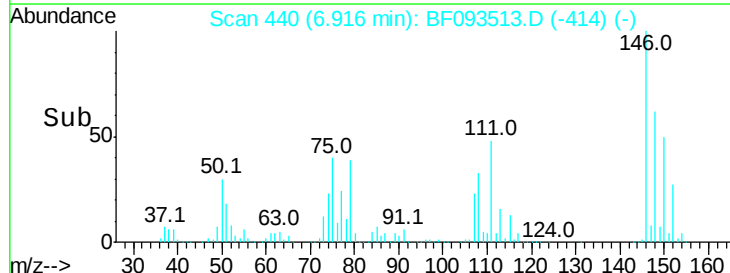
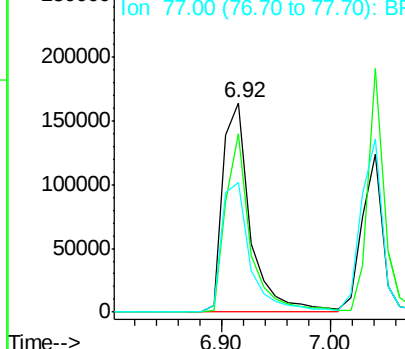


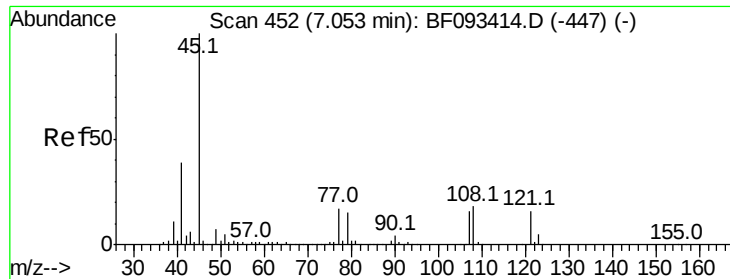
#15
 Benzyl Alcohol
 Concen: 28.47 ng
 RT: 6.92 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion: 79 Resp: 290349
 Ion Ratio Lower Upper
 79 100
 108 85.2 61.4 92.0
 77 62.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0

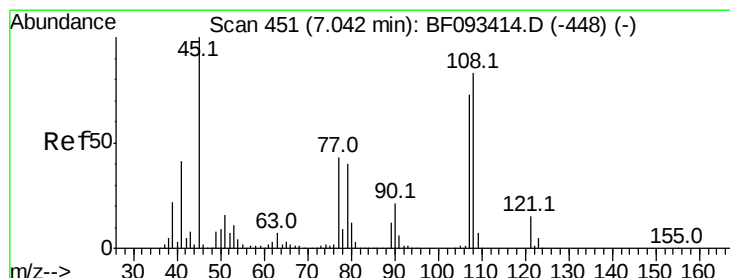
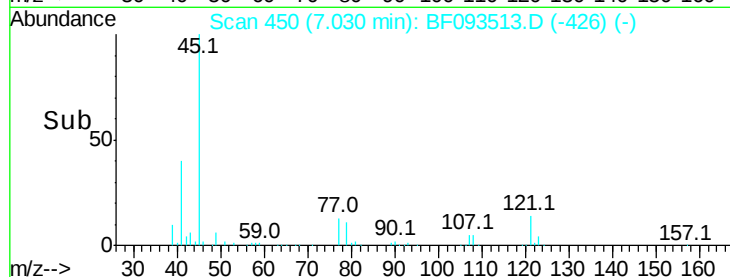
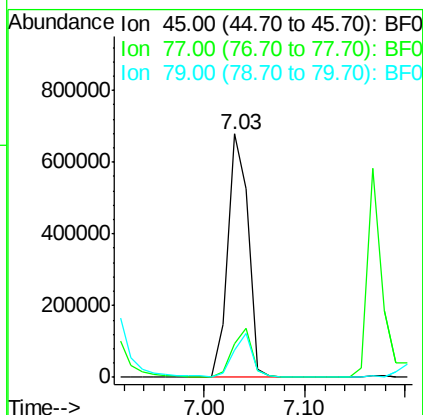
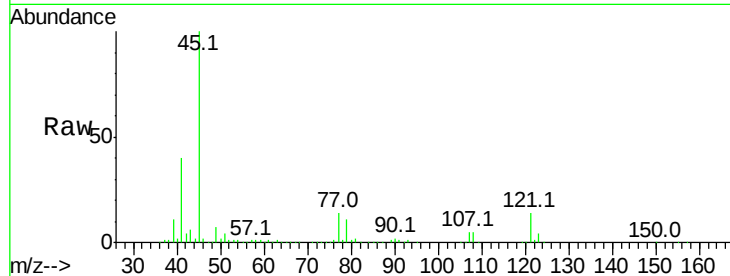




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 40.30 ng
 RT: 7.03 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

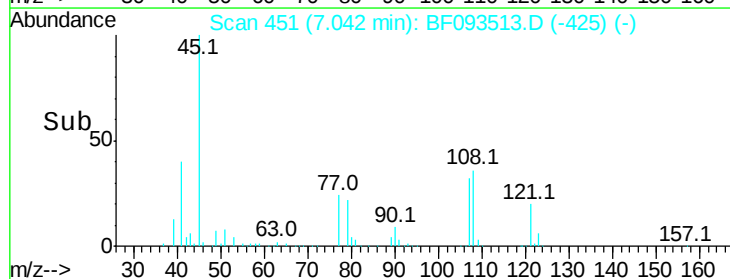
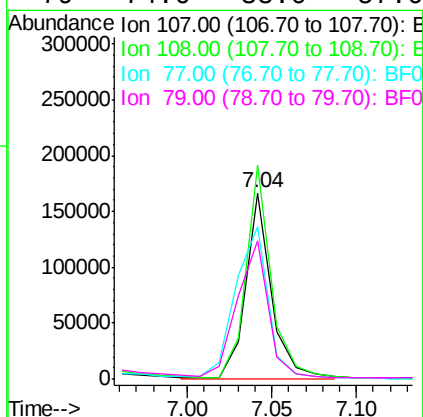
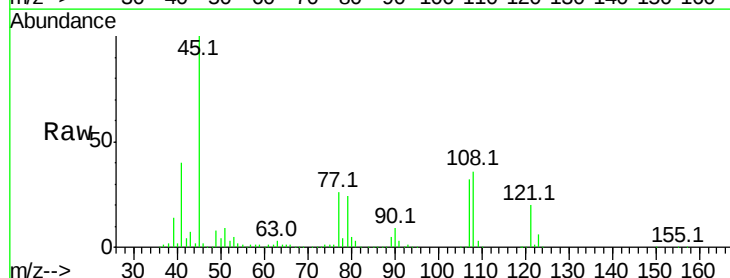
Instrument :
 BNA_F
 ClientSampleId :
 W-07MSD

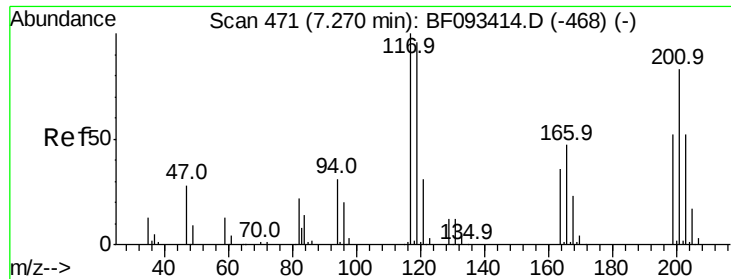
Tot Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	34.6
79	11.0	0.0	31.2



#17
 2-Methylphenol
 Concen: 16.67 ng m
 RT: 7.04 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	81.7	39.8	59.8#
79	74.6	38.0	57.0#

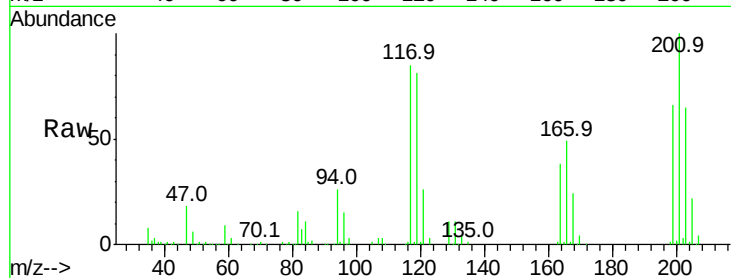




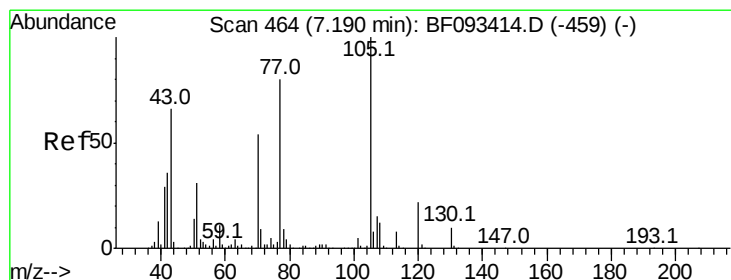
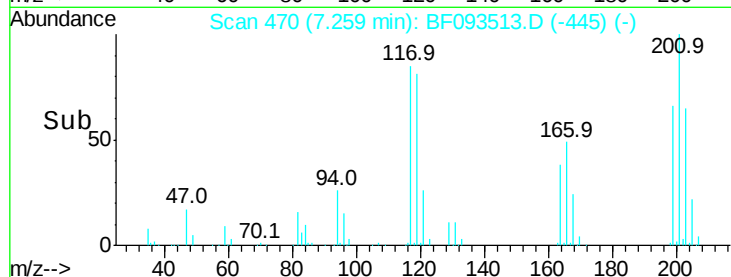
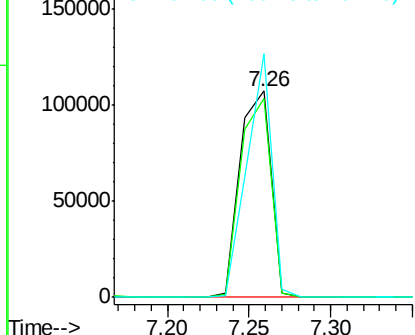
#18
Hexachloroethane
Concen: 28.05 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Instrument :
BNA_F
ClientSampleId :
W-07MSD

Tot Ion:117 Resp: 140926
Ion Ratio Lower Upper
117 100
119 96.1 78.1 117.1
201 117.9 78.6 117.8#

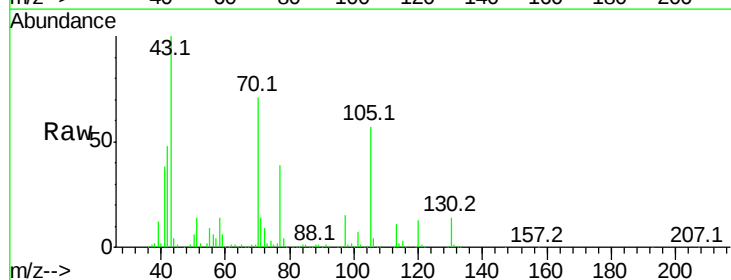


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

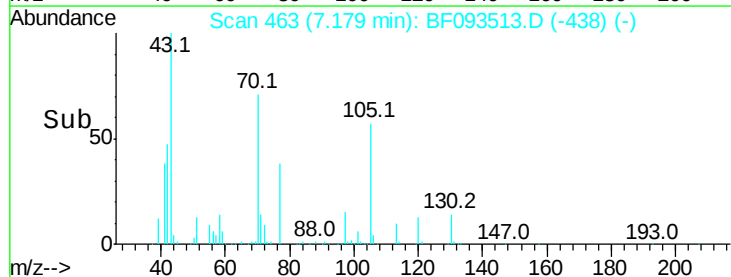
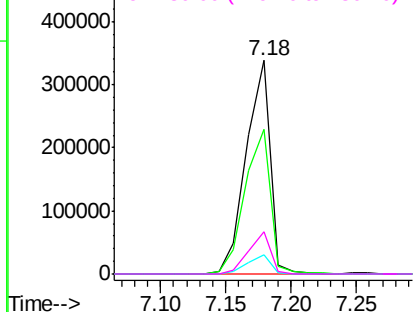


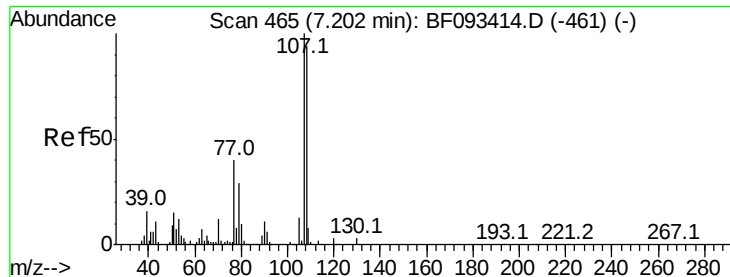
#19
n-Nitroso-di-n-propylamine
Concen: 43.97 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion: 70 Resp: 432464
Ion Ratio Lower Upper
70 100
42 67.7 49.4 74.0
101 9.3 7.4 11.2
130 20.0 14.2 21.4



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

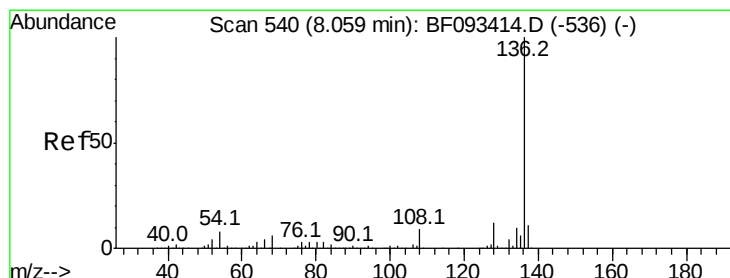
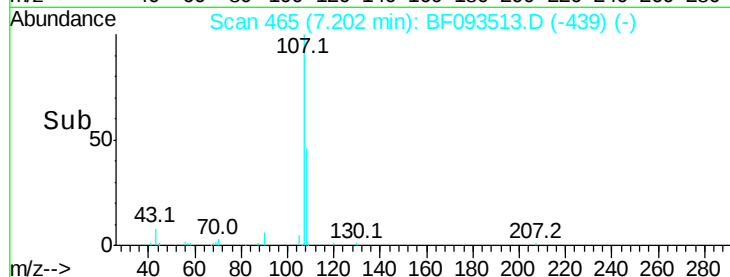
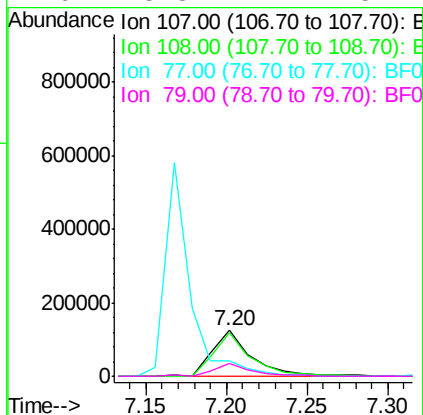
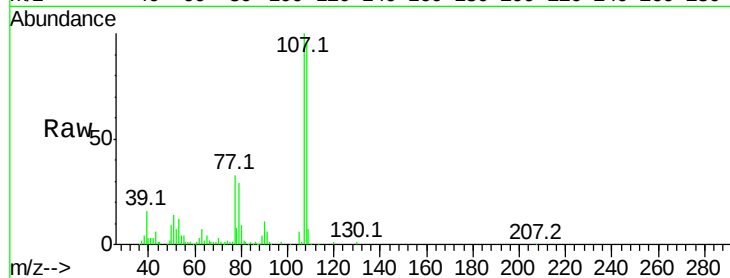




#20
3+4-Methylphenols
Concen: 14.81 ng/ml
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

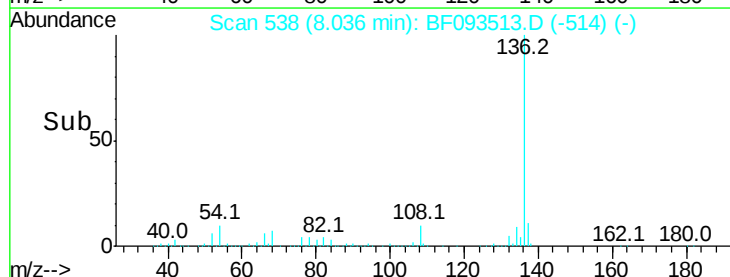
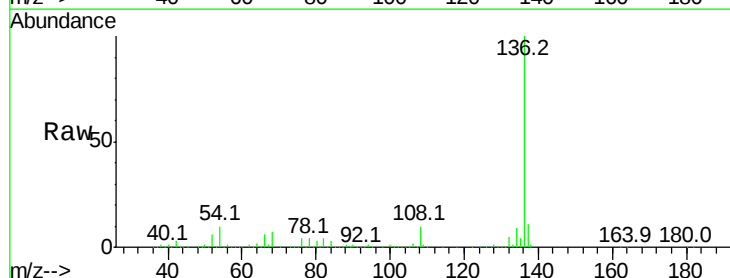
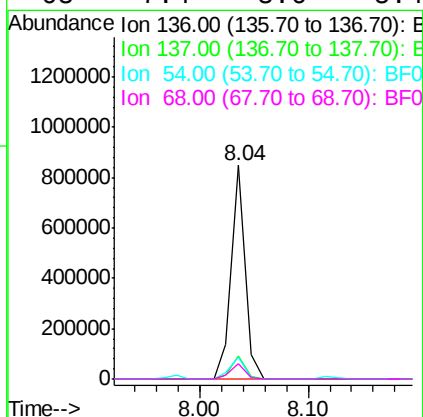
Instrument :
BNA_F
ClientSampleId :
W-07MSD

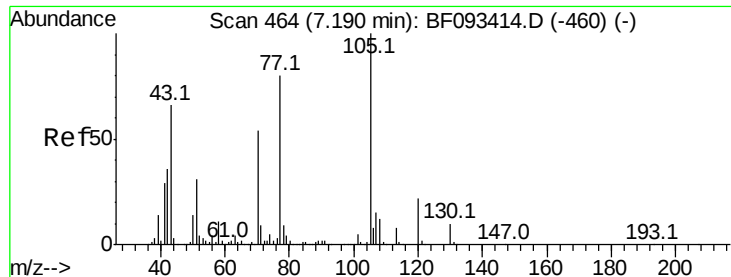
Tot Ion:	107	Resp:	206481
Ion	Ratio	Lower	Upper
107	100		
108	94.6	73.0	113.0
77	33.3	71.3	111.3#
79	28.8	11.1	51.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:	136	Resp:	745206
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.3	4.5	6.7#
68	7.4	3.6	5.4#





#22

Acetophenone

Concen: 40.65 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampled :

W-07MSD

Tot Ion:105 Resp: 728961

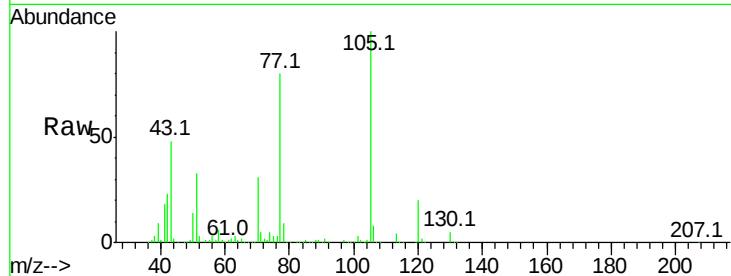
Ion Ratio Lower Upper

105 100

71 5.4 3.2 4.8#

51 32.7 26.2 39.4

120 20.3 16.6 24.8

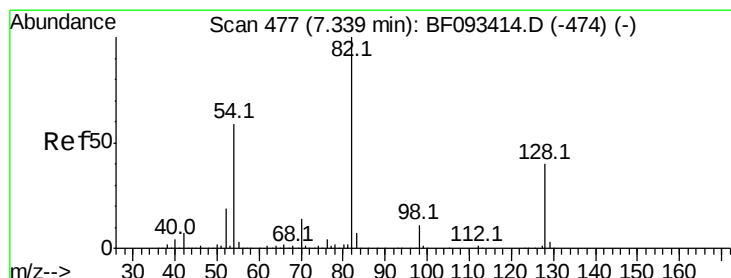
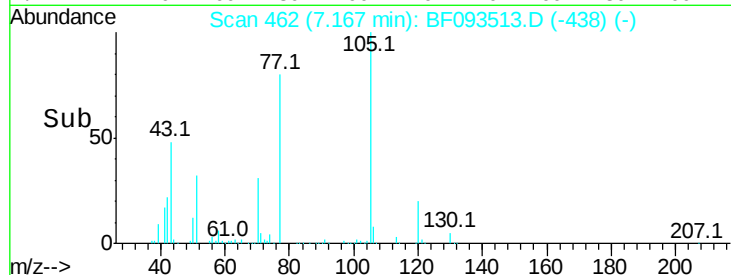
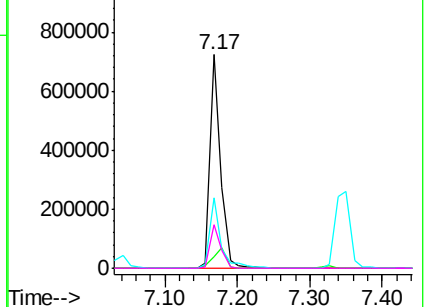


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 89.79 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

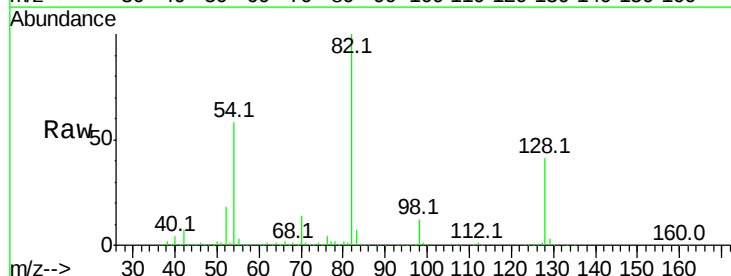
Tgt Ion: 82 Resp: 1205930

Ion Ratio Lower Upper

82 100

128 41.1 34.6 52.0

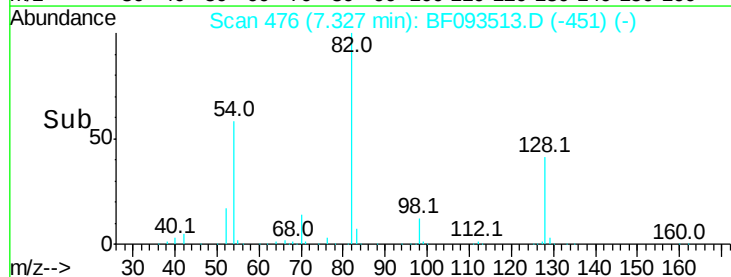
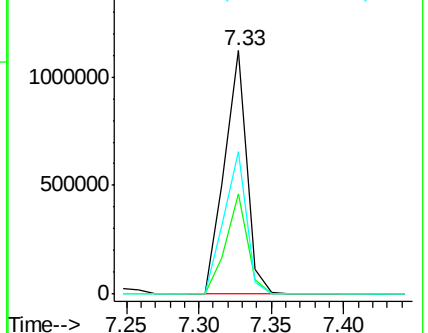
54 58.3 39.5 59.3

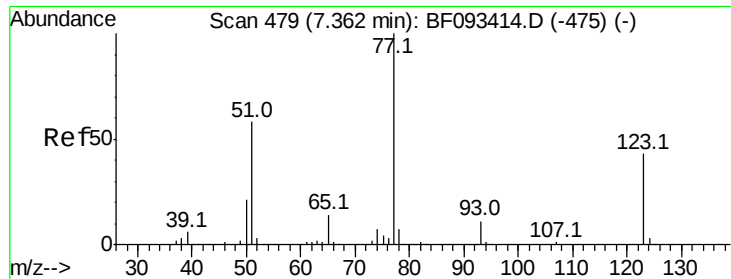


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

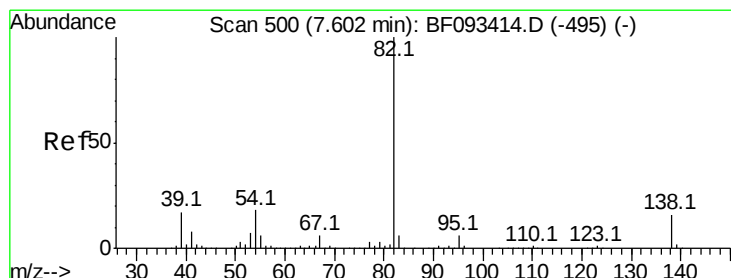
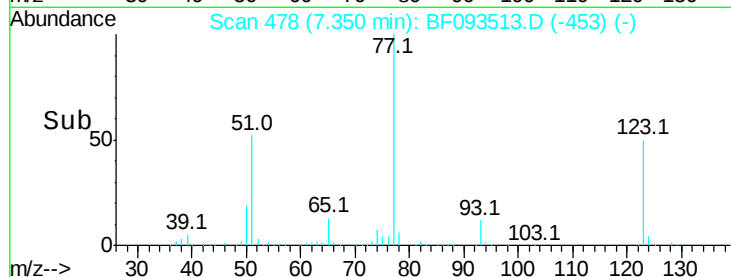
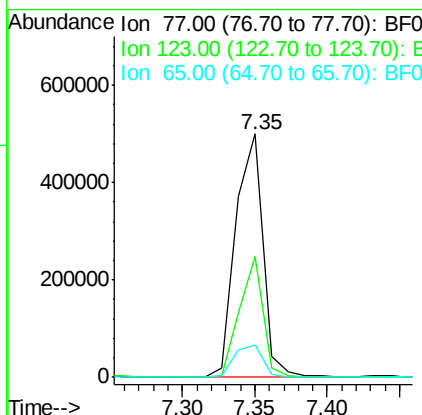
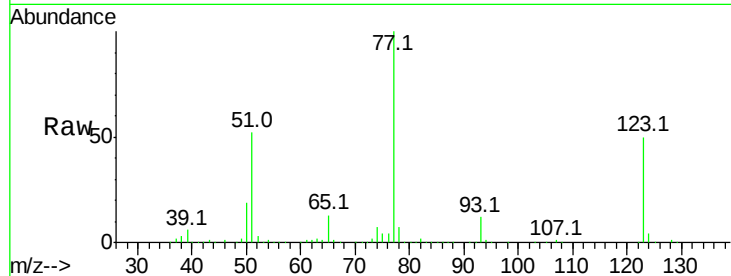




#24
Nitrobenzene
Concen: 43.09 ng
RT: 7.35 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

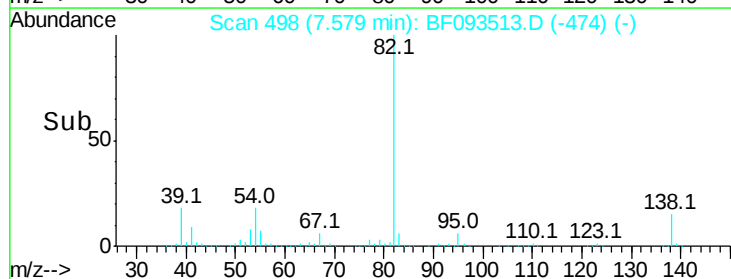
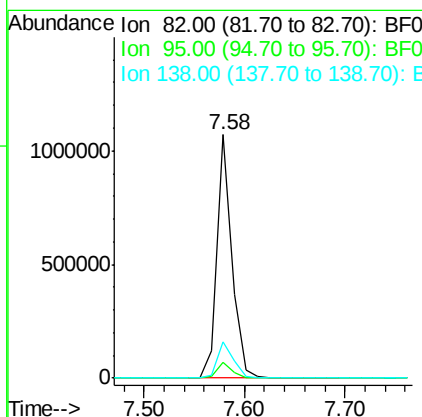
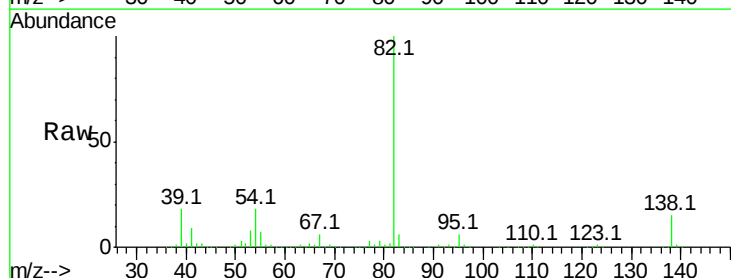
Instrument :
BNA_F
ClientSampleId :
W-07MSD

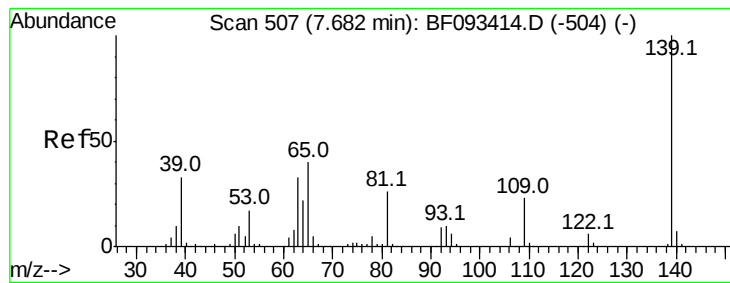
Tot Ion: 77 Resp: 650401
Ion Ratio Lower Upper
77 100
123 49.7 33.0 49.4#
65 13.4 11.2 16.8



#25
Isophorone
Concen: 40.89 ng
RT: 7.58 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion: 82 Resp: 1107379
Ion Ratio Lower Upper
82 100
95 6.3 5.6 8.4
138 14.7 14.6 22.0





#26

2-Nitrophenol

Concen: 8.17 ng

RT: 7.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

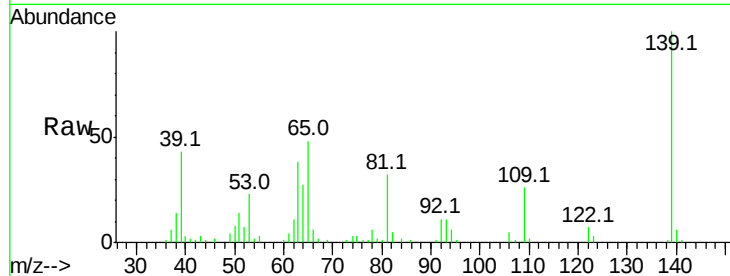
Tot Ion:139 Resp: 56263

Ion Ratio Lower Upper

139 100

109 26.0 23.3 34.9

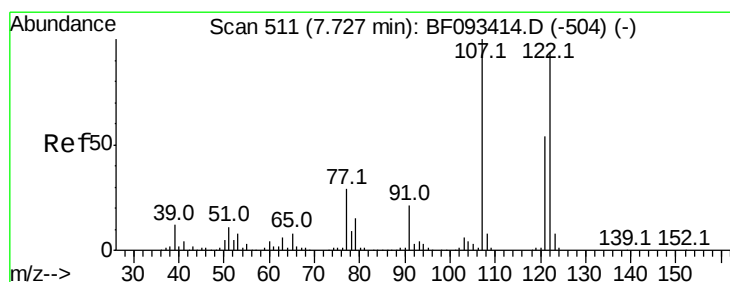
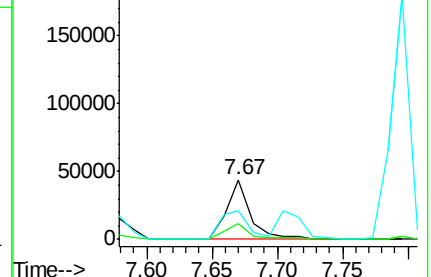
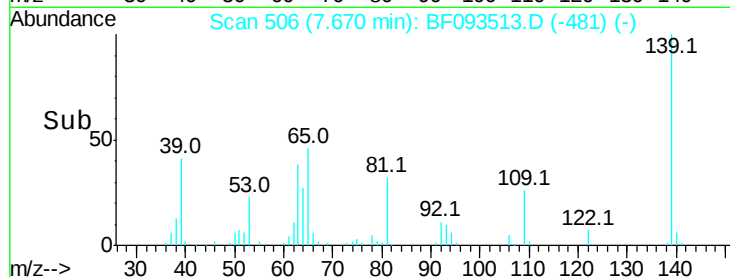
65 47.7 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 21.65 ng

RT: 7.72 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

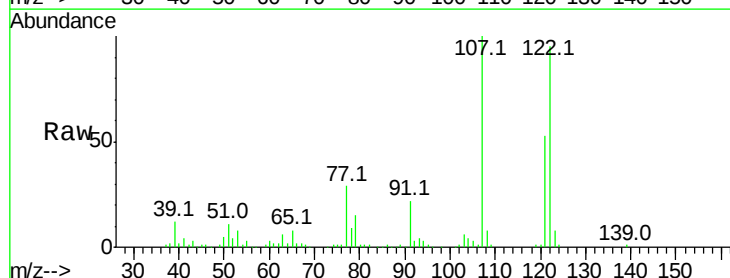
Tgt Ion:122 Resp: 242532

Ion Ratio Lower Upper

122 100

107 105.5 94.1 141.1

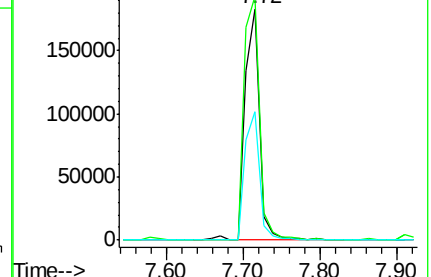
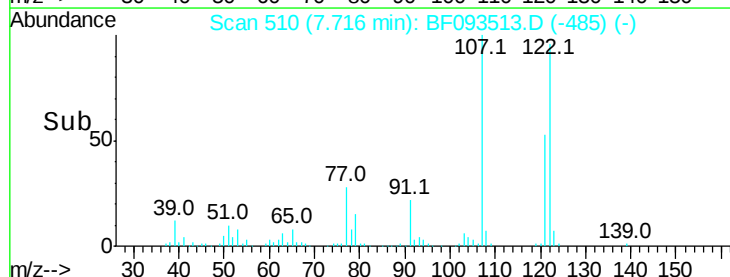
121 55.4 46.0 69.0

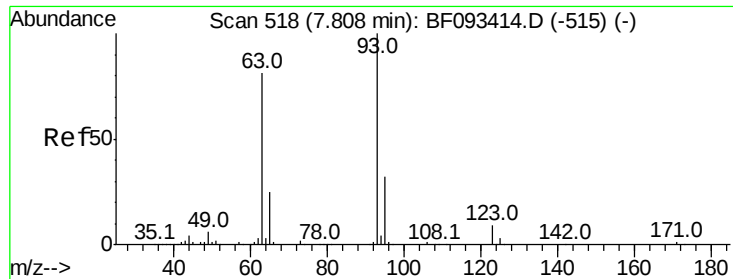


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

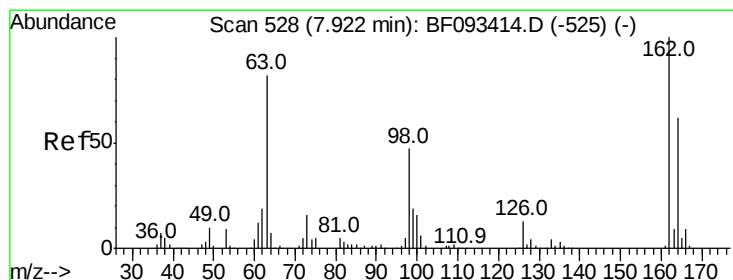
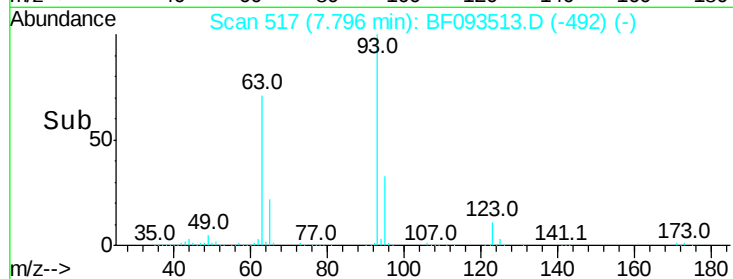
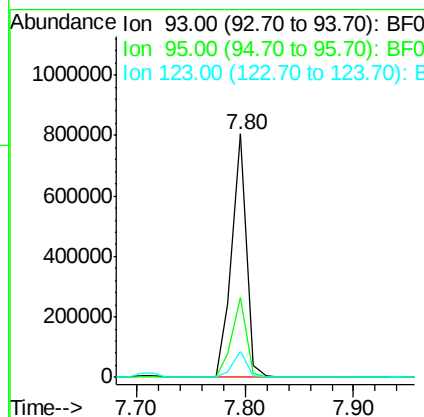
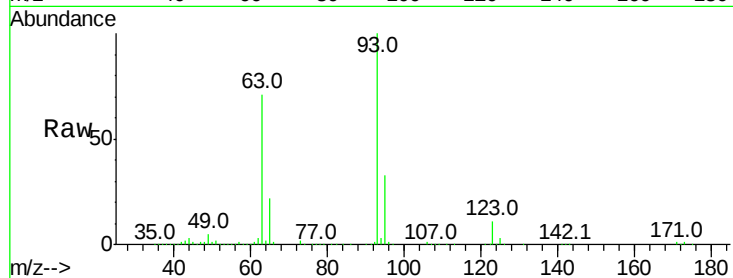




#28
bis(2-Chloroethoxy)methane
Concen: 44.20 ng
RT: 7.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

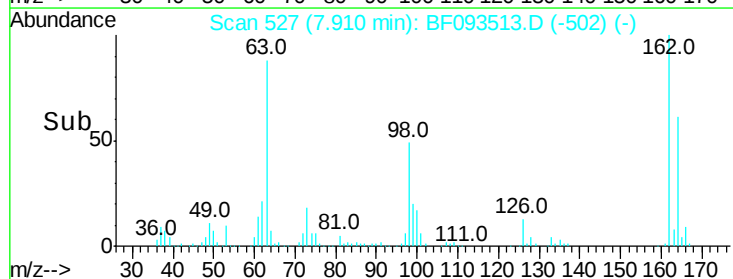
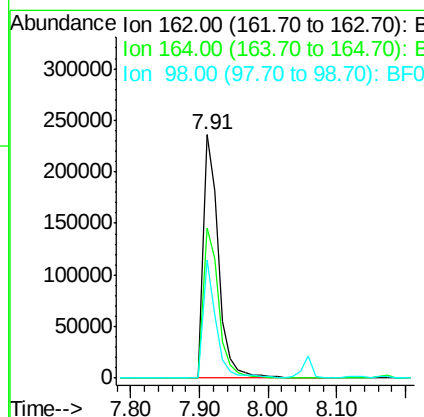
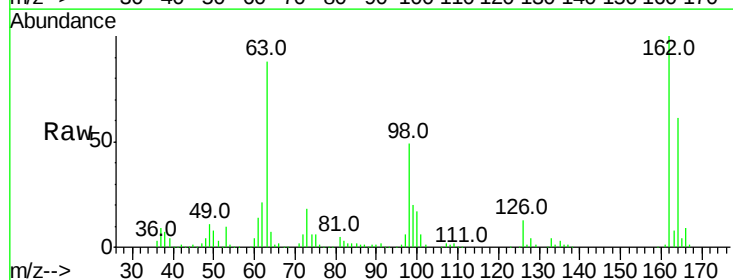
Instrument :
BNA_F
ClientSampleId :
W-07MSD

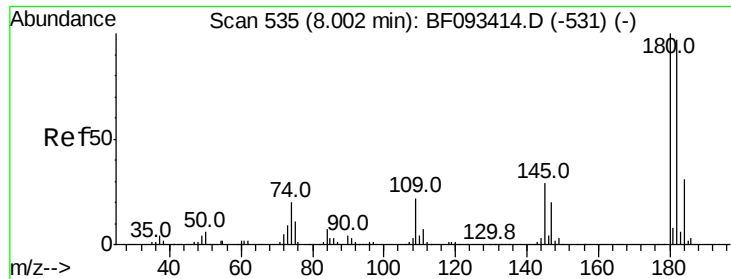
Tot Ion: 93 Resp: 755683
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 10.5 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 33.56 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion: 162 Resp: 353700
Ion Ratio Lower Upper
162 100
164 61.4 46.8 86.8
98 48.8 9.1 49.1

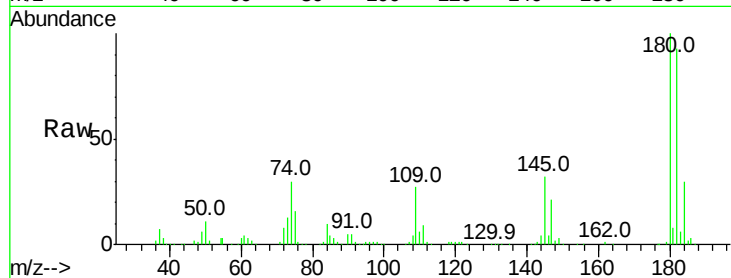




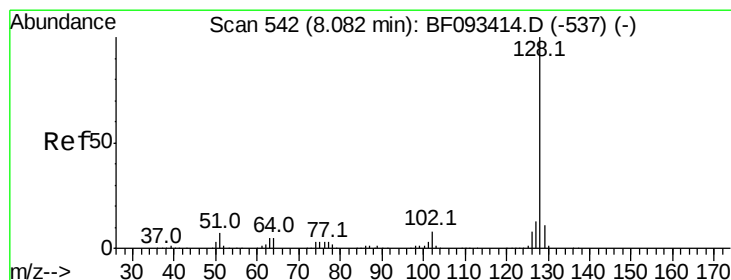
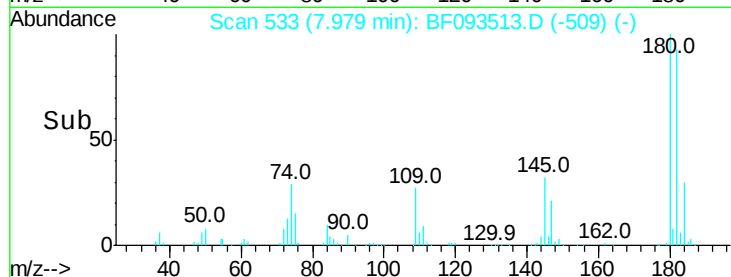
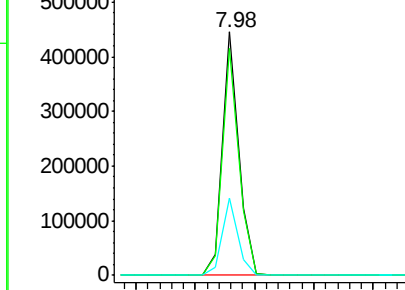
#30
 1,2,4-Trichlorobenzene
 Concen: 37.44 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :
 W-07MSD

Tot Ion:180 Resp: 419667
 Ion Ratio Lower Upper
 180 100
 182 93.0 78.2 117.4
 145 31.8 21.6 32.4

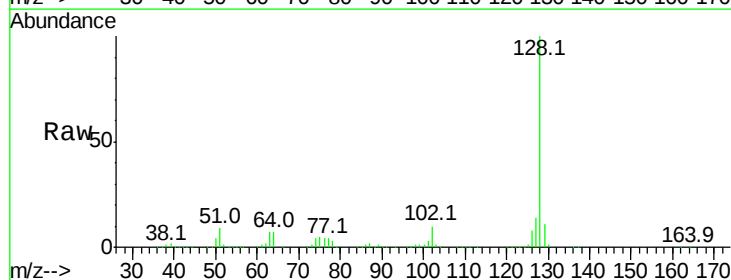


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

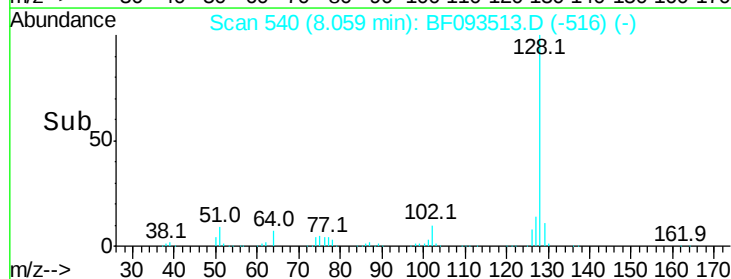
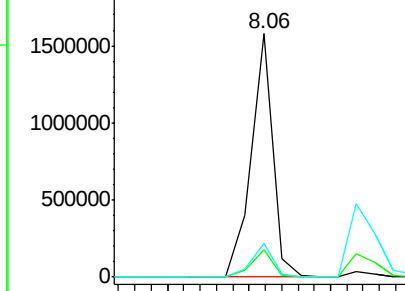


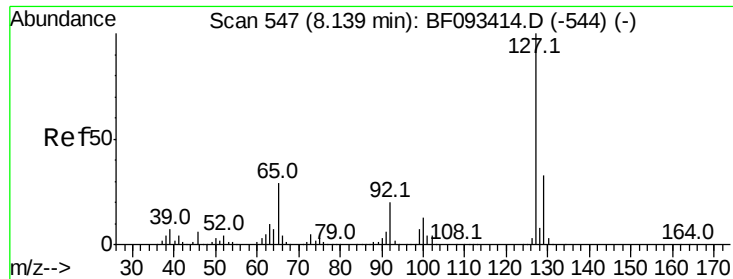
#31
 Naphthalene
 Concen: 38.98 ng
 RT: 8.06 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:128 Resp: 1455570
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.5 14.3
 127 13.7 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

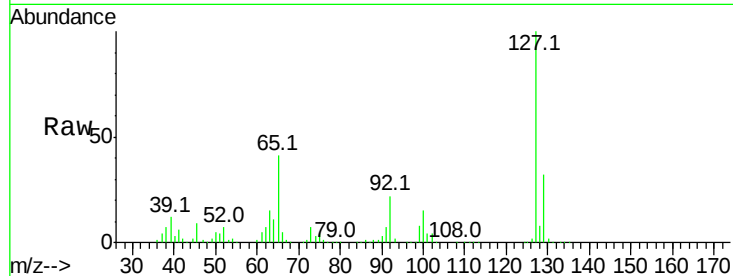




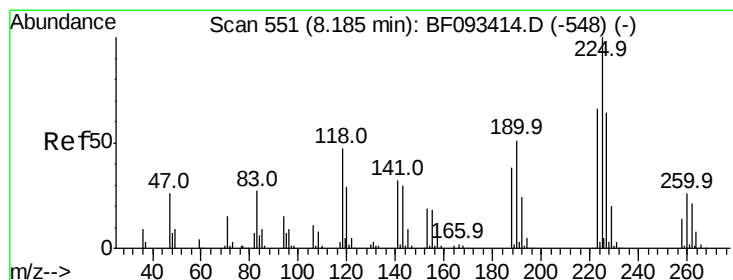
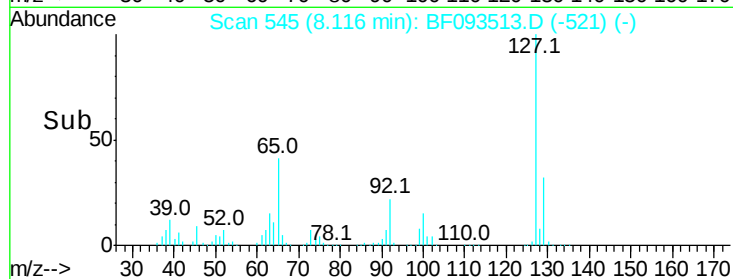
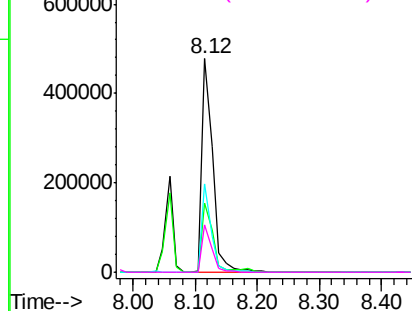
#33
4-Chloroaniline
Concen: 38.56 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Instrument :
BNA_F
ClientSampleId :
W-07MSD

Tot Ion:	127	Resp:	584357
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	41.2	25.8	38.8
92	22.3	16.1	24.1

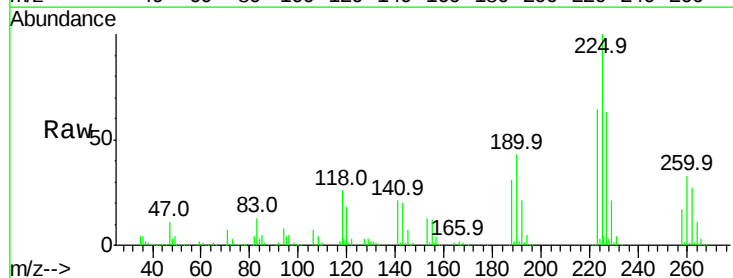


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

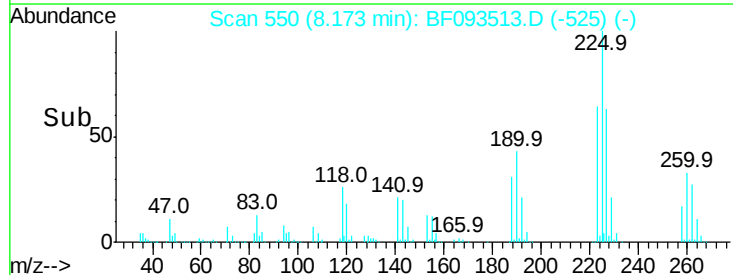
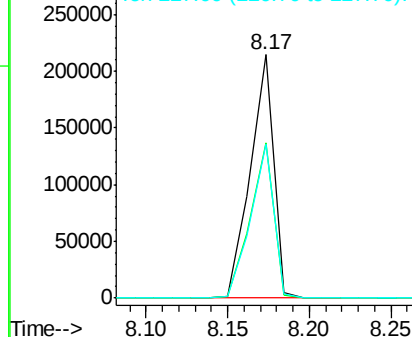


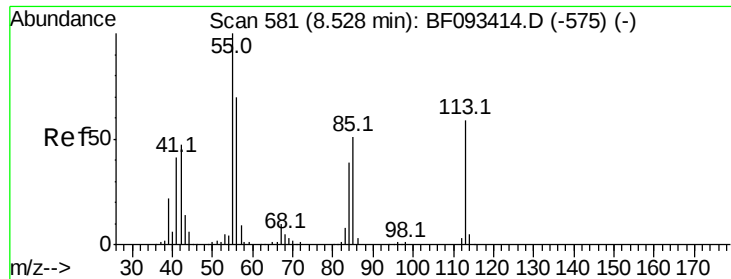
#34
Hexachlorobutadiene
Concen: 37.01 ng
RT: 8.17 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:	225	Resp:	213659
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.2	50.6	76.0



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

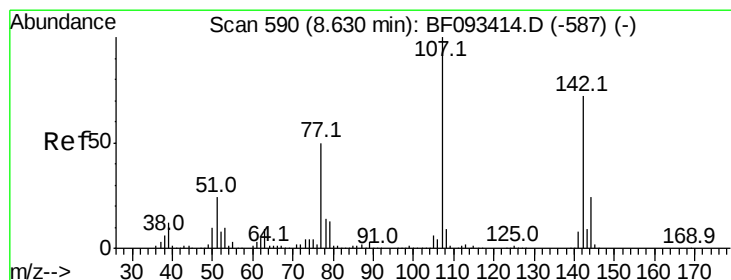
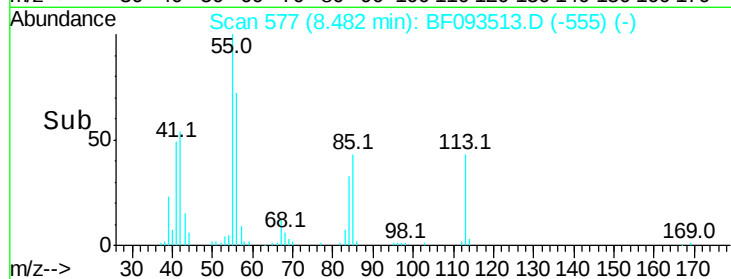
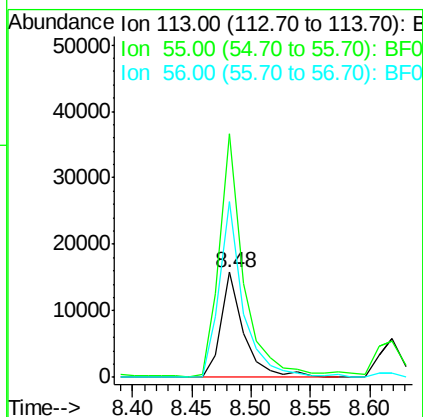
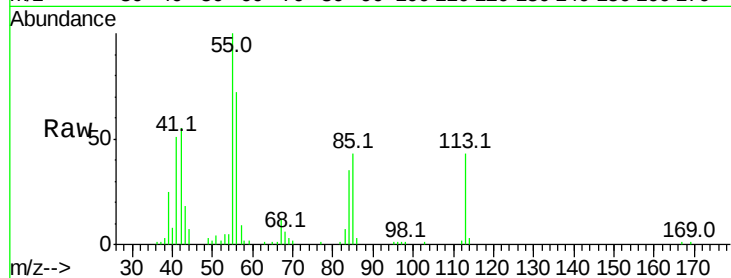




#35
Caprolactam
Concen: 5.87 ng
RT: 8.48 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

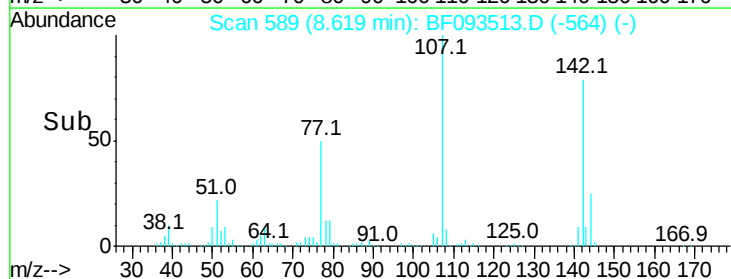
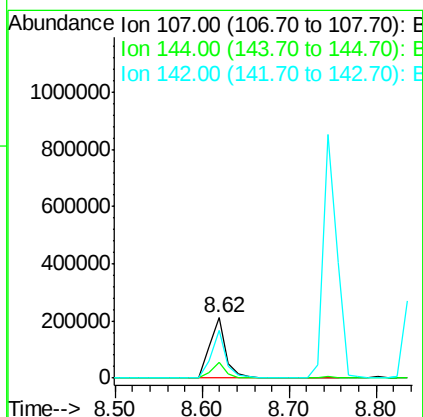
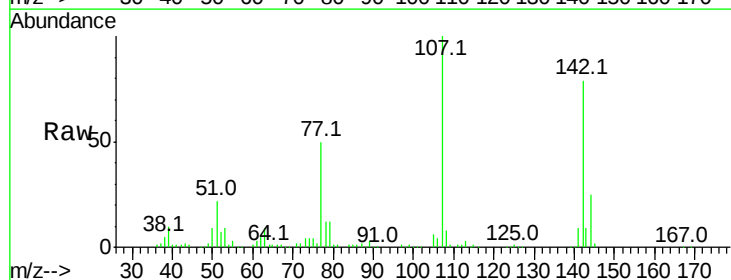
Instrument :
BNA_F
ClientSampleId :
W-07MSD

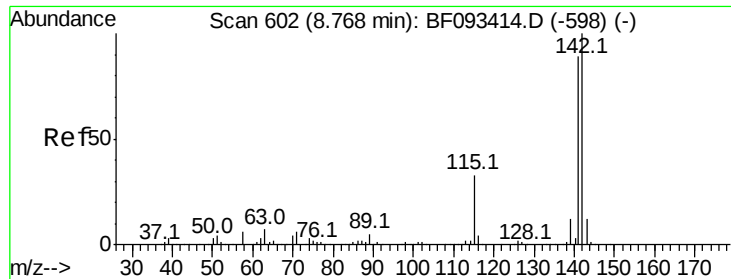
Tot Ion:113 Resp: 21121
Ion Ratio Lower Upper
113 100
55 231.2 119.2 159.2#
56 166.3 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 24.71 ng
RT: 8.62 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:107 Resp: 277942
Ion Ratio Lower Upper
107 100
144 25.2 19.3 28.9
142 79.1 59.0 88.6

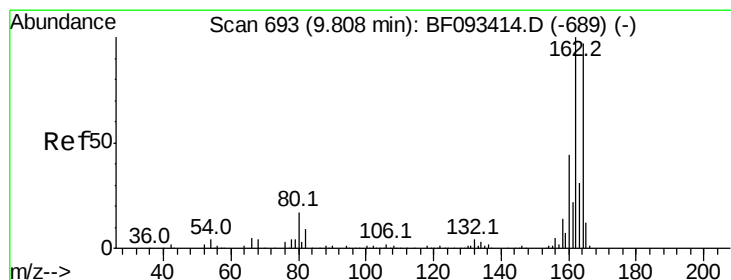
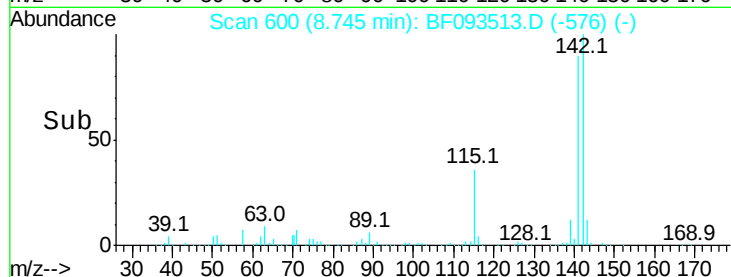
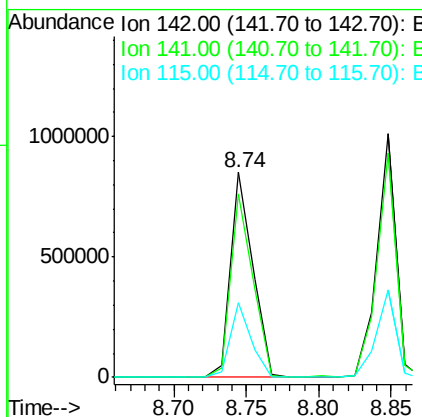
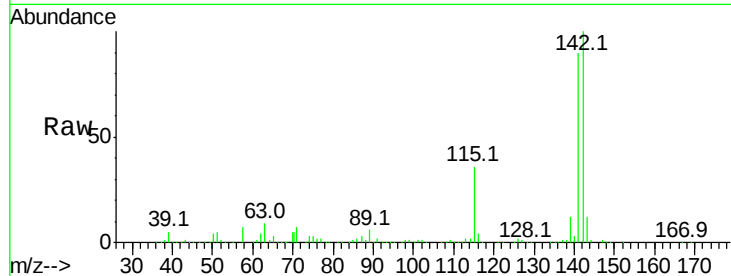




#37
 2-Methylnaphthalene
 Concen: 38.10 ng
 RT: 8.74 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

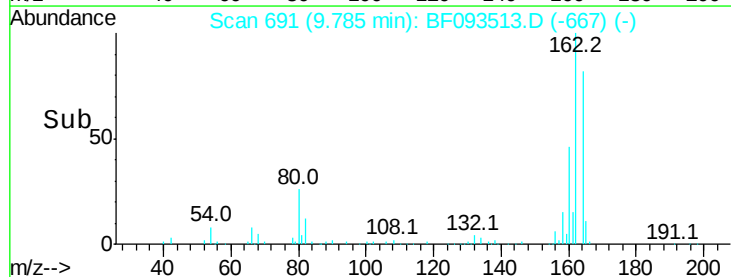
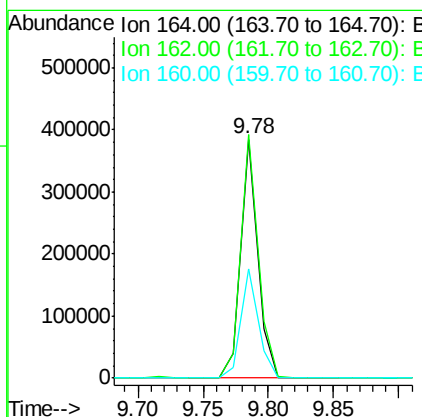
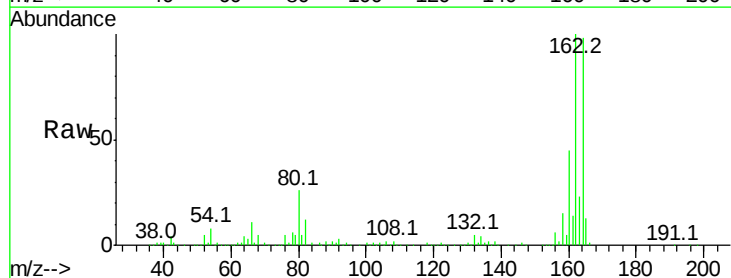
Instrument :
 BNA_F
 ClientSampleId :
 W-07MSD

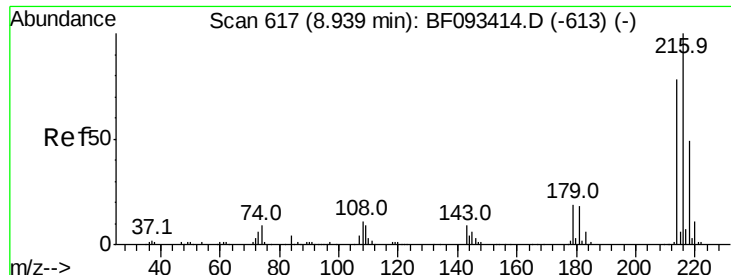
Tot Ion:142 Resp: 905391
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 36.4 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:164 Resp: 346755
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.2 120.2
 160 45.7 36.9 55.3

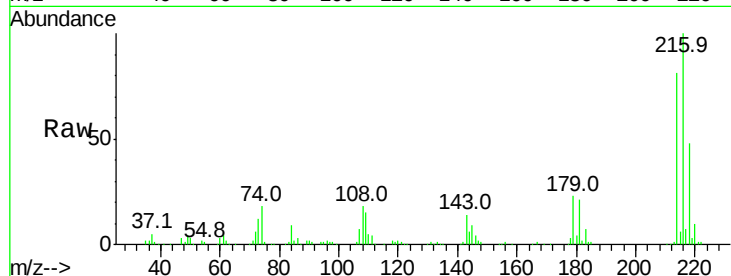




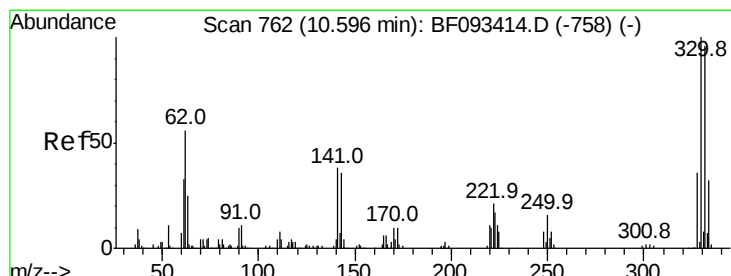
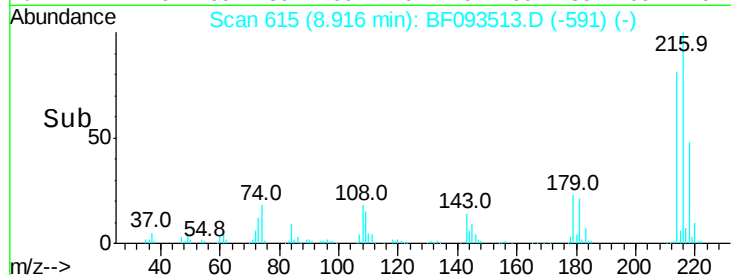
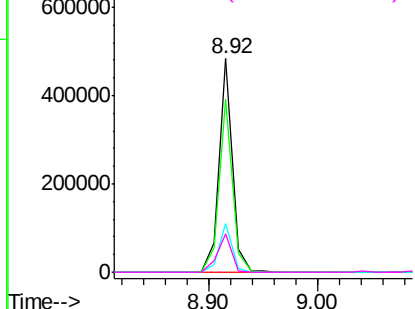
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.24 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :
 W-07MSD

Tot Ion:	216	Resp:	418863
Ion Ratio	Lower	Upper	
216	100		
214	81.1	63.4	95.0
179	22.8	17.4	26.2
108	19.6	15.6	23.4

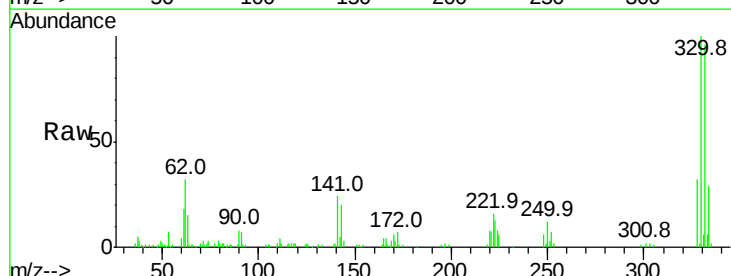


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

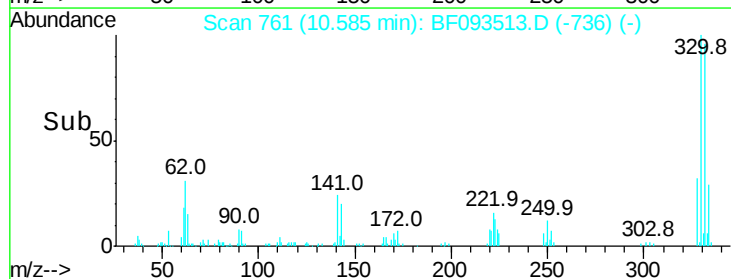
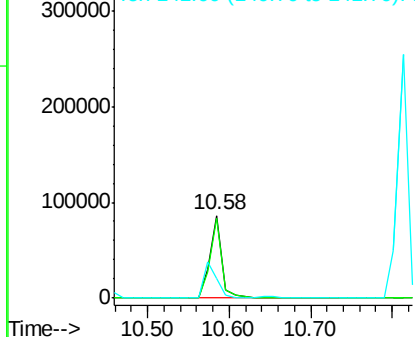


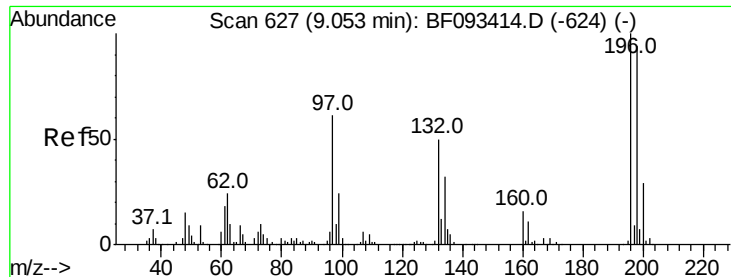
#41
 2,4,6-Tribromophenol
 Concen: 40.61 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:	330	Resp:	91756
Ion Ratio	Lower	Upper	
330	100		
332	94.3	77.4	116.2
141	48.0	34.1	51.1



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





#42

2,4,6-Trichlorophenol

Concen: 22.01 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

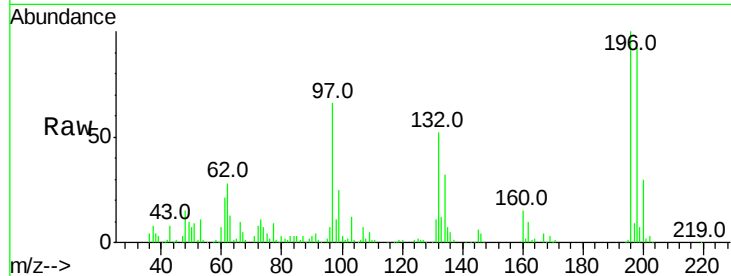
Tot Ion:196 Resp: 130193

Ion Ratio Lower Upper

196 100

198 92.1 82.1 123.1

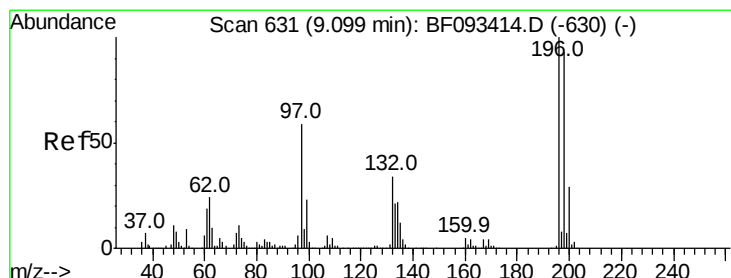
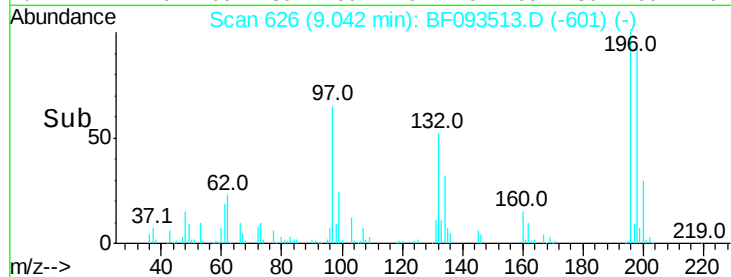
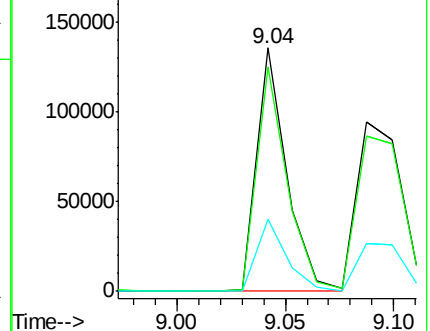
200 29.8 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 22.93 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Tgt Ion:196 Resp: 145581

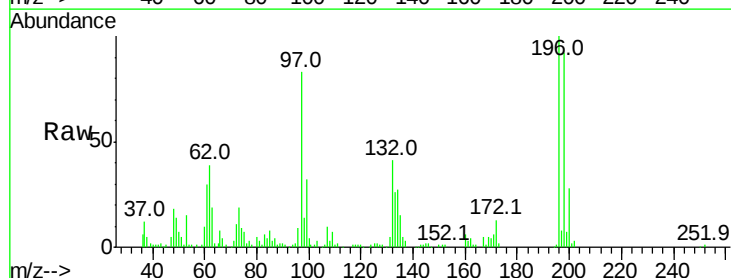
Ion Ratio Lower Upper

196 100

198 91.8 79.4 119.2

97 82.8 51.5 77.3#

132 41.3 27.4 41.2#

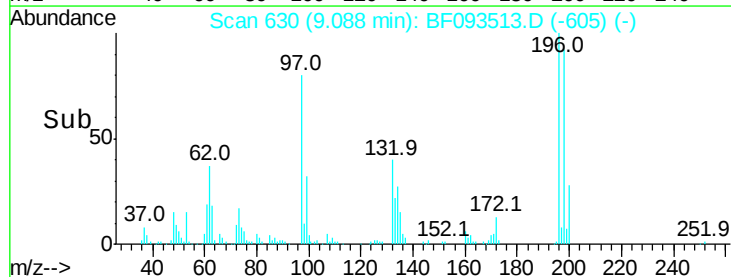
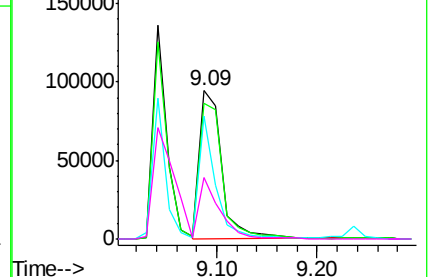


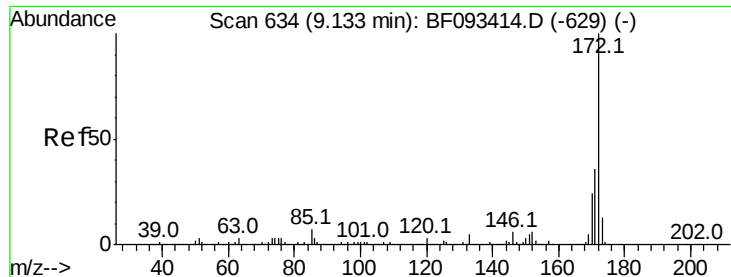
Abundance Ion 196.00 (195.70 to 196.70): E

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: 86.63 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

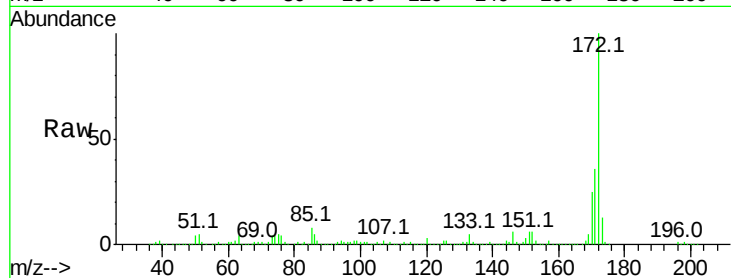
Tot Ion:172 Resp: 1614931

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

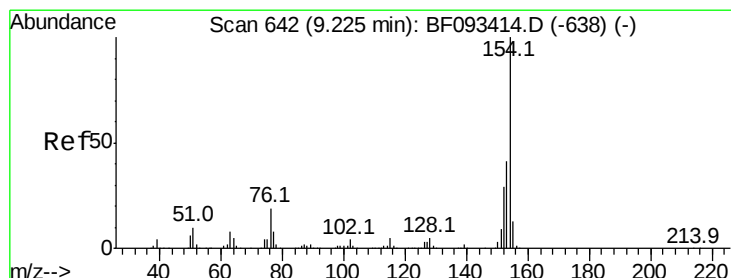
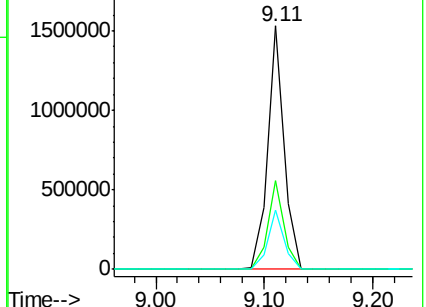
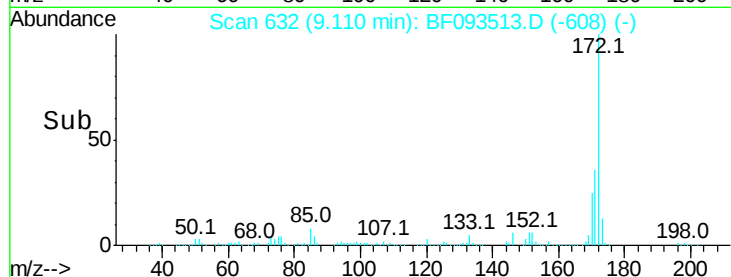
170 24.6 20.2 30.4



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: 47.05 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

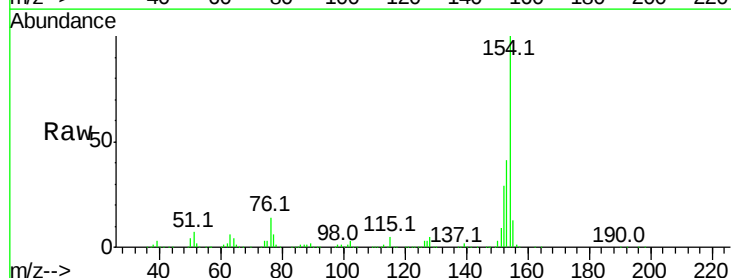
Tgt Ion:154 Resp: 1188511

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

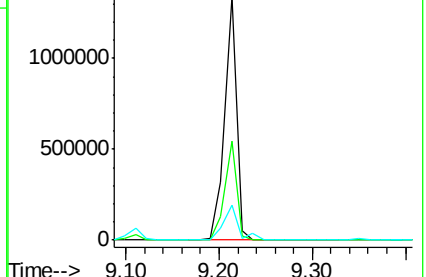
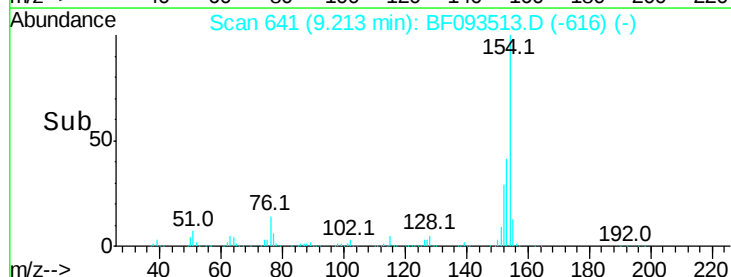
76 14.2 0.0 30.5

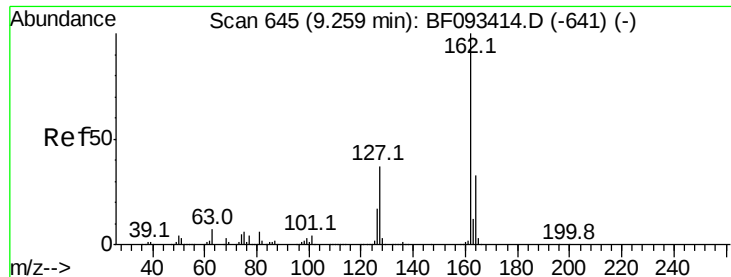


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 45.31 ng

RT: 9.24 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

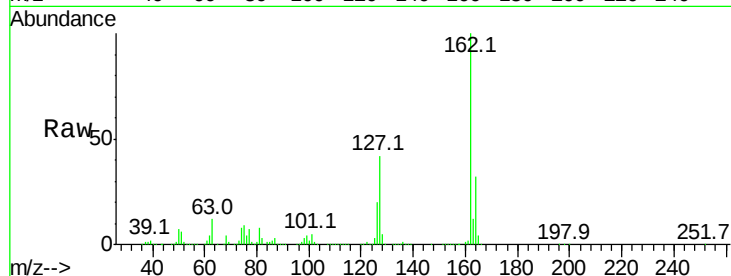
Tot Ion:162 Resp: 876106

Ion Ratio Lower Upper

162 100

127 42.2 30.7 46.1

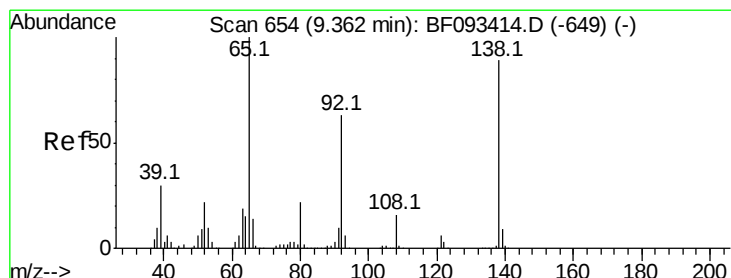
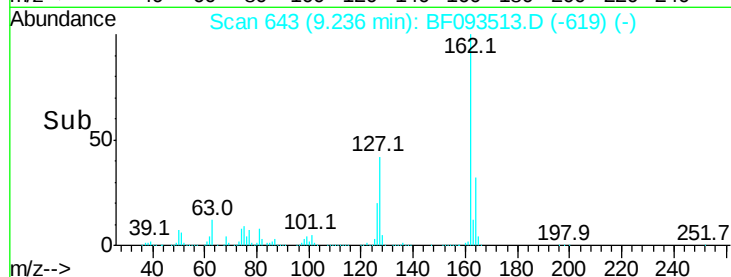
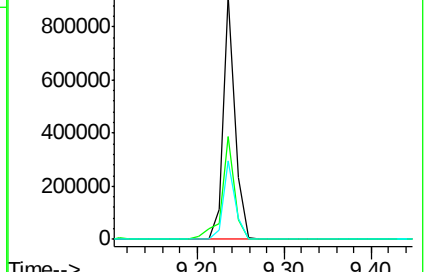
164 32.3 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 57.03 ng

RT: 9.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

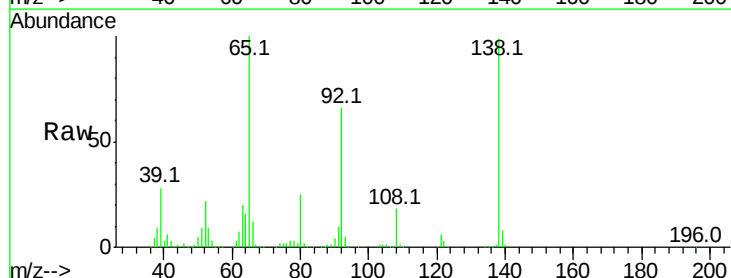
Tgt Ion: 65 Resp: 389834

Ion Ratio Lower Upper

65 100

92 66.0 53.9 80.9

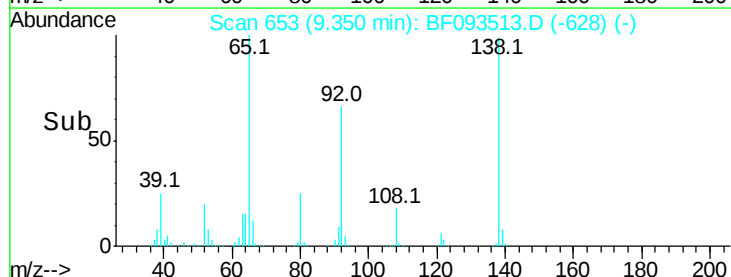
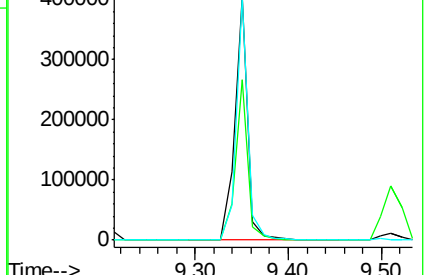
138 99.3 76.8 115.2

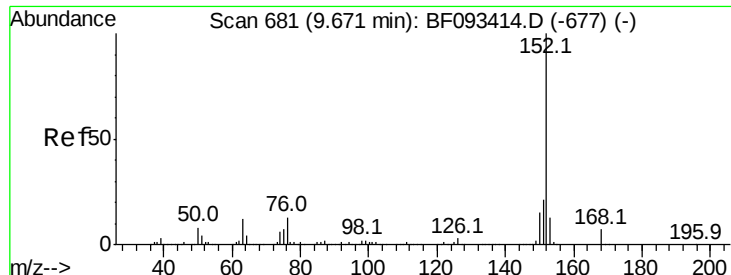


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.08 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

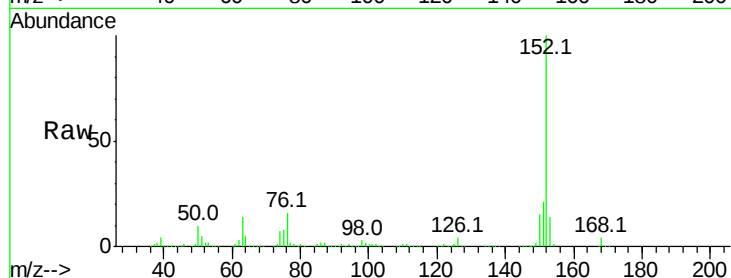
Tot Ion:152 Resp: 1341741

Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

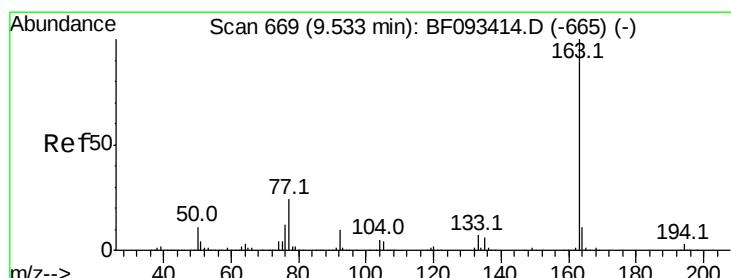
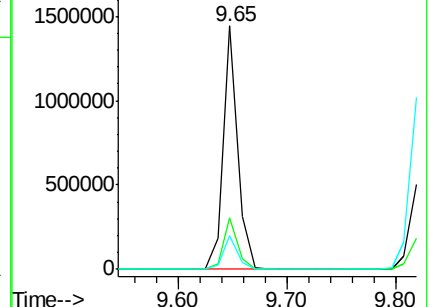
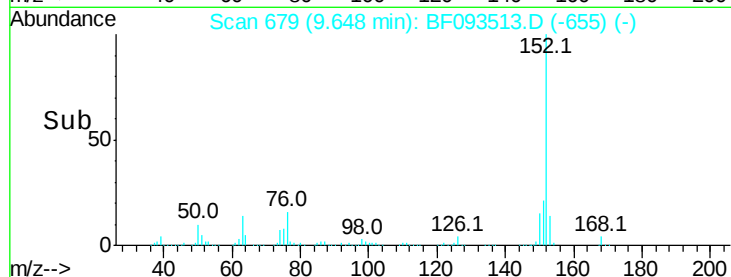
153 13.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.87 ng

RT: 9.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

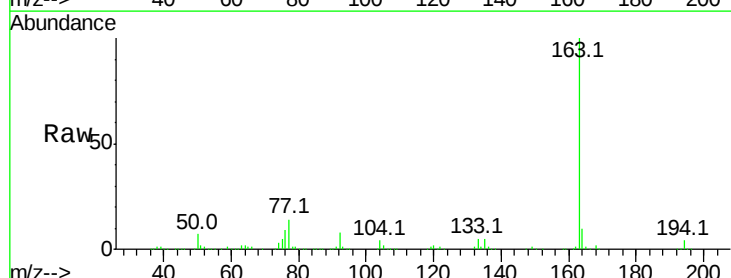
Tgt Ion:163 Resp: 962485

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

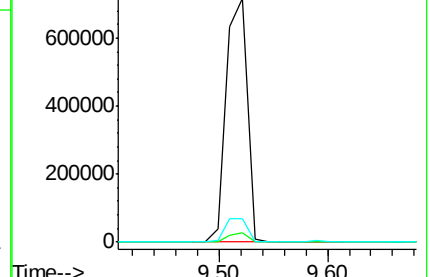
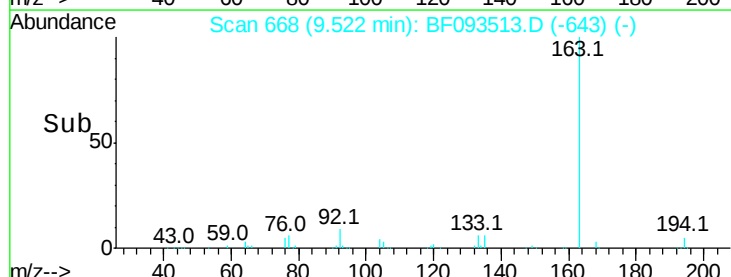
164 9.7 8.0 12.0

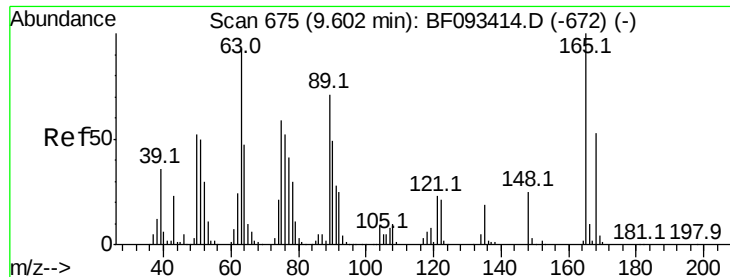


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

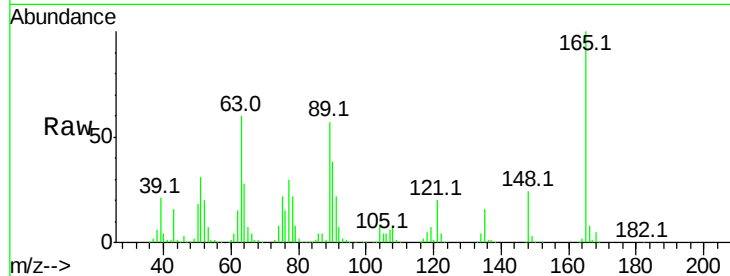




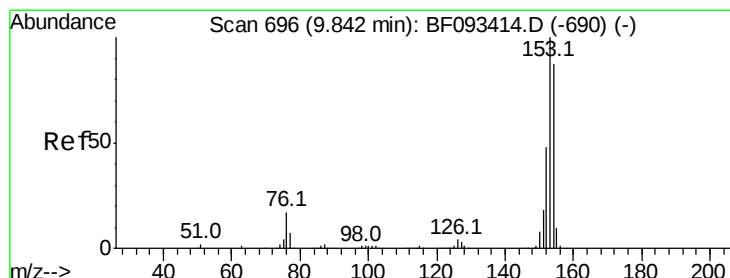
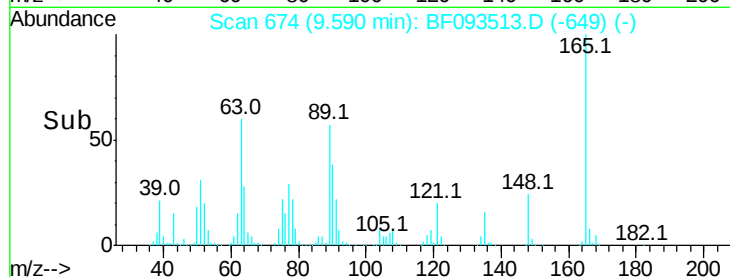
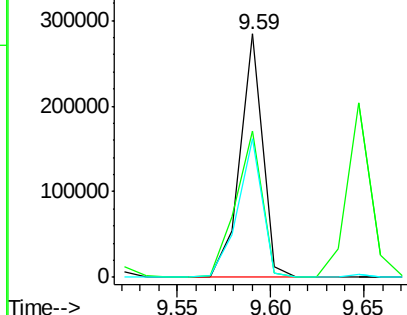
#50
 2,6-Dinitrotoluene
 Concen: 47.95 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :
 W-07MSD

Tot Ion:165 Resp: 241867
 Ion Ratio Lower Upper
 165 100
 63 60.3 36.2 54.4#
 89 56.7 40.2 60.4

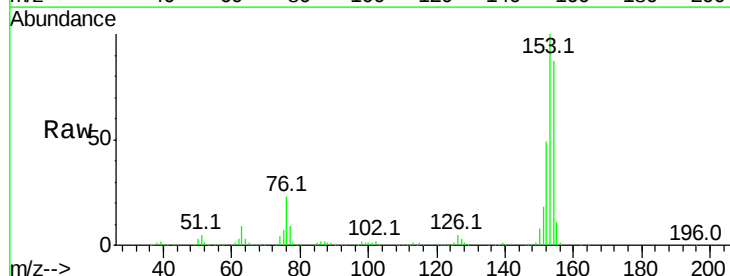


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

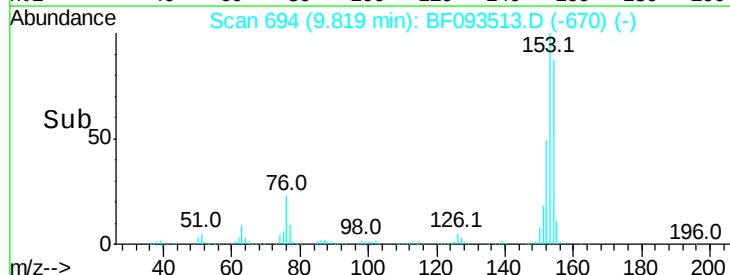
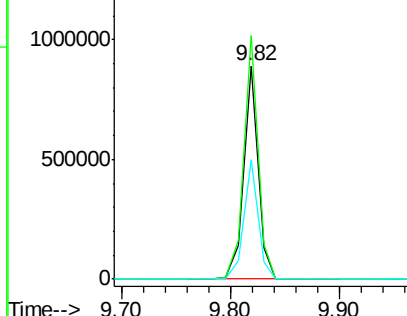


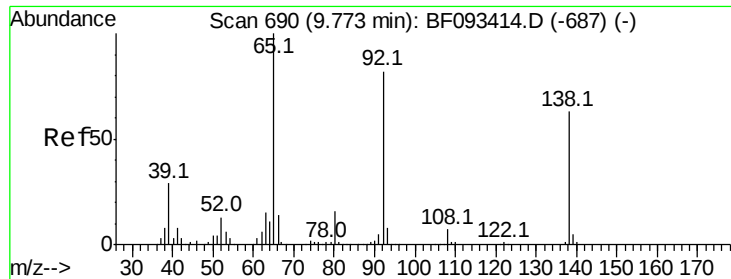
#51
 Acenaphthene
 Concen: 42.58 ng
 RT: 9.82 min Scan# 694
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:154 Resp: 802880
 Ion Ratio Lower Upper
 154 100
 153 114.3 88.6 133.0
 152 56.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

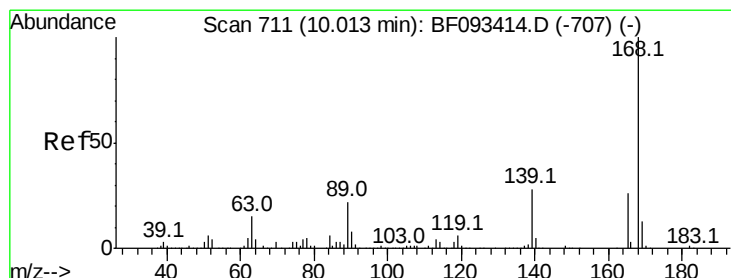
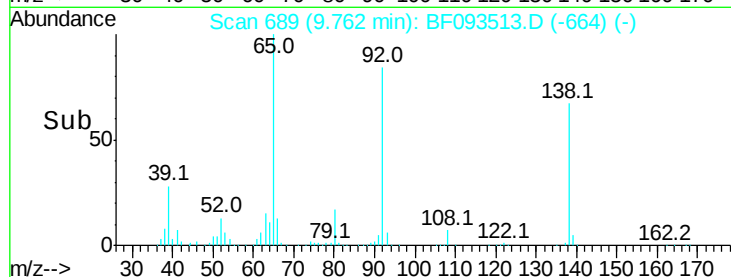
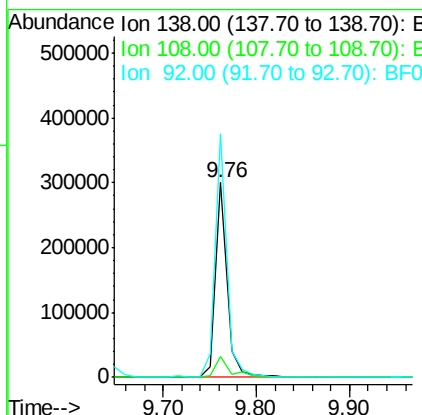
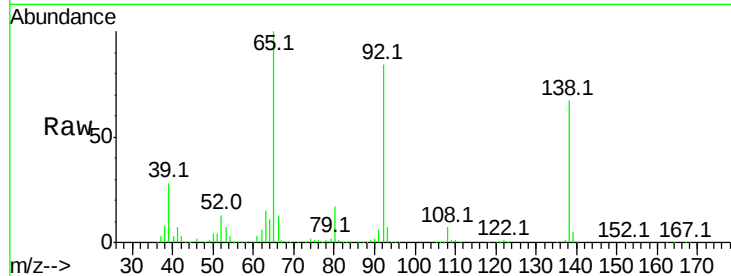




#52
 3-Nitroaniline
 Concen: 42.71 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

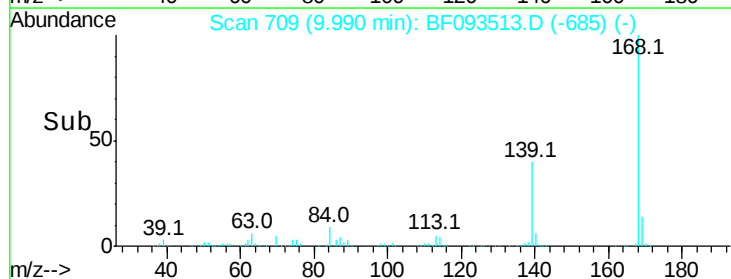
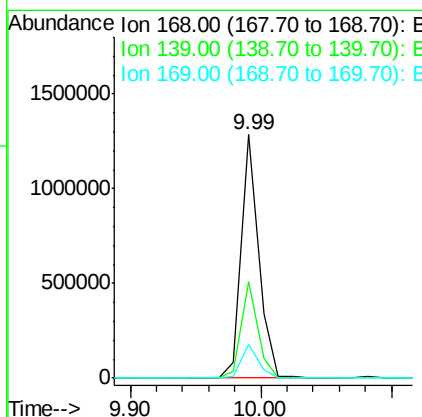
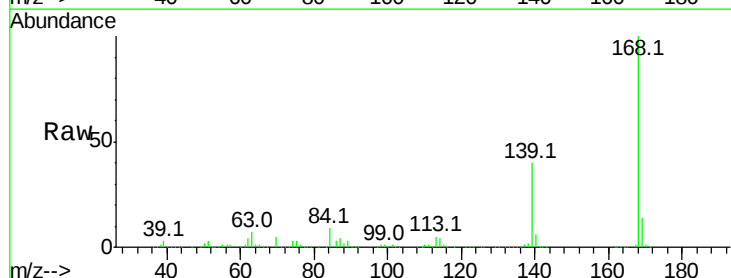
Instrument :
 BNA_F
 ClientSampleId :
 W-07MSD

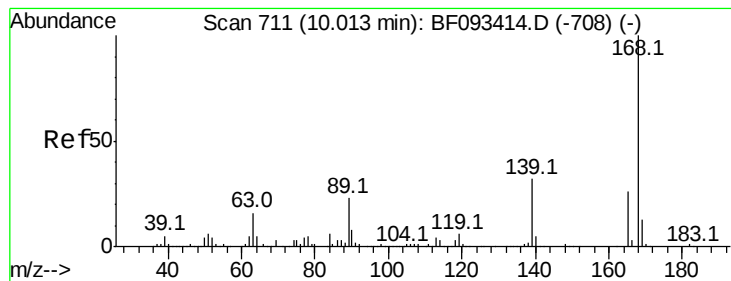
Tot Ion:138 Resp: 258823
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.5 12.7
 92 125.0 97.8 146.8



#54
 Dibenzofuran
 Concen: 50.35 ng
 RT: 9.99 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:168 Resp: 1188466
 Ion Ratio Lower Upper
 168 100
 139 39.7 32.6 49.0
 169 13.9 11.3 16.9





#56

2,4-Dinitrotoluene

Concen: 9.87 ng

RT: 10.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

Tot Ion:165 Resp: 61184

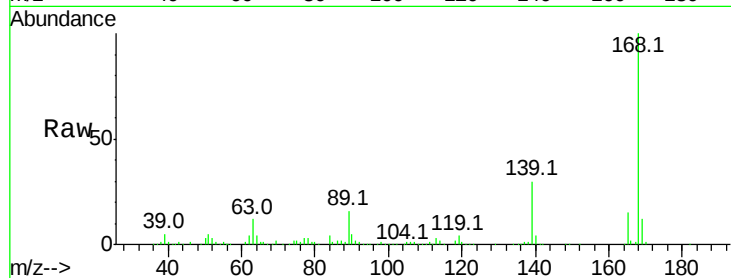
Ion Ratio Lower Upper

165 100

63 78.0 40.2 60.4#

89 105.3 62.5 93.7#

182 2.1 1.8 2.8

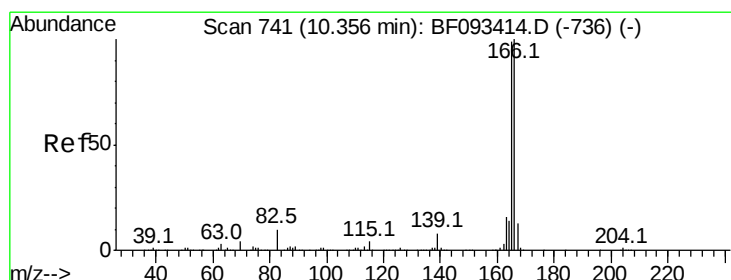
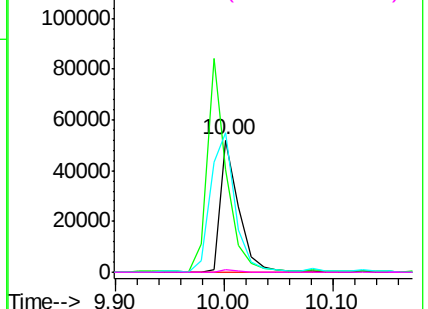
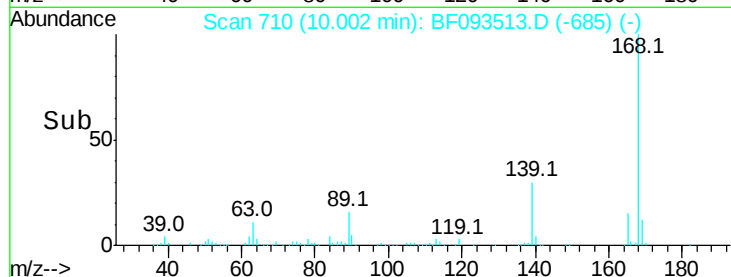


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 42.40 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

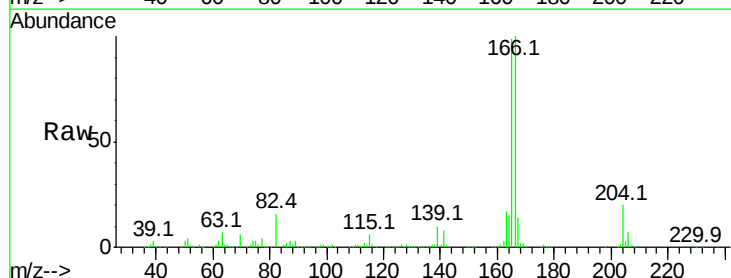
Tgt Ion:166 Resp: 847975

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

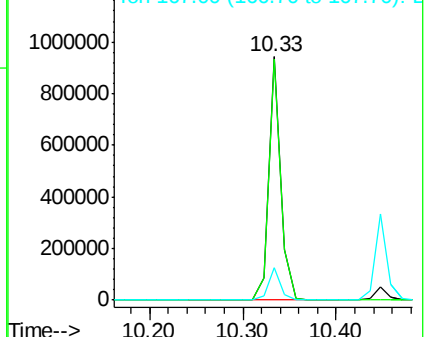
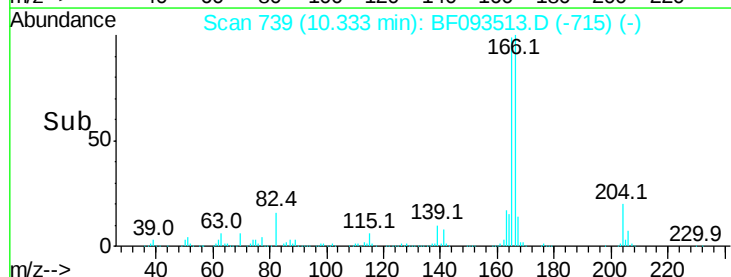
167 13.5 10.8 16.2

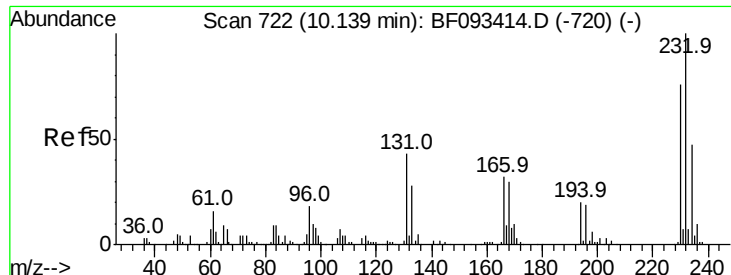


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

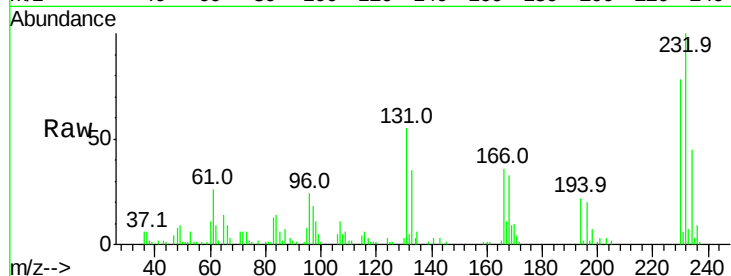




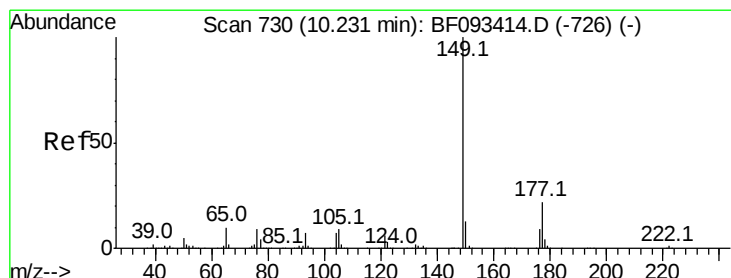
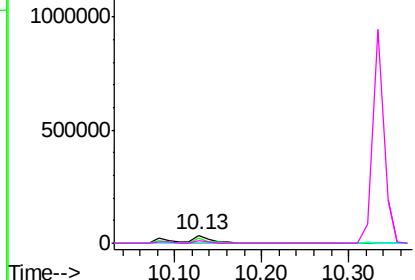
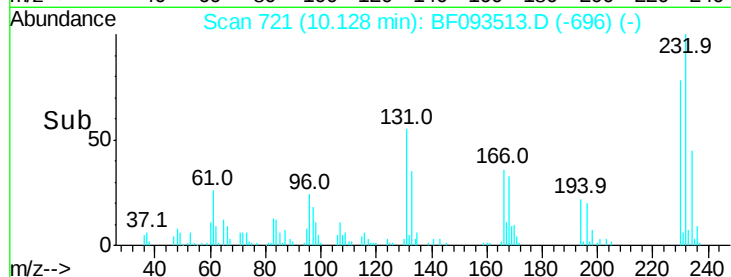
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 11.94 ng
 RT: 10.13 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :
 W-07MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.8	40.1	60.1
130	1.9	1.8	2.8
166	0.0	26.6	39.8#

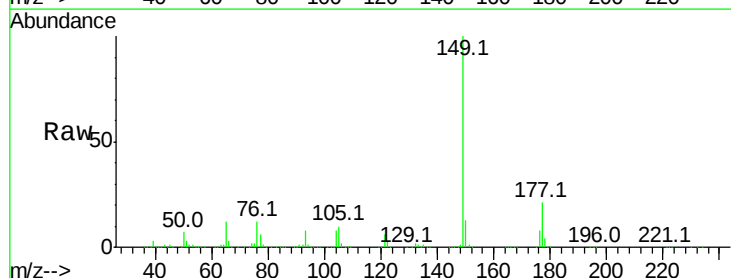


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

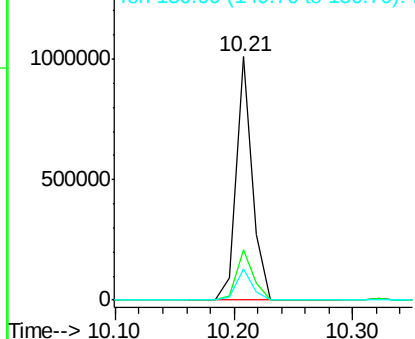
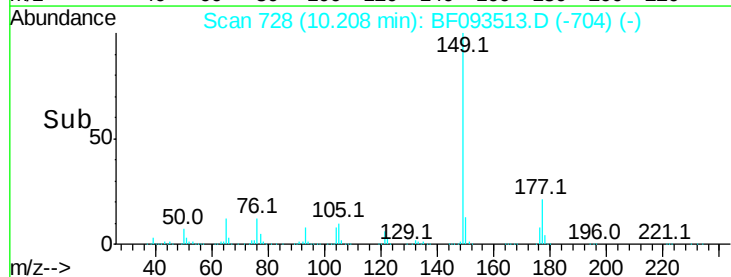


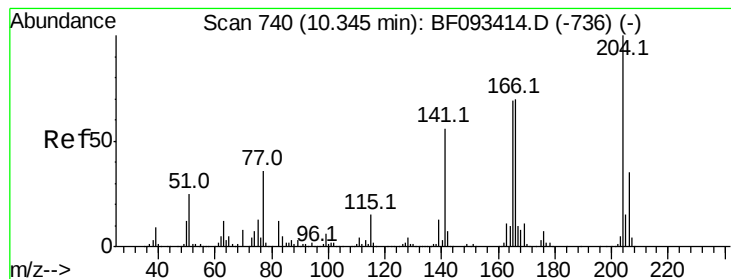
#59
 Diethylphthalate
 Concen: 43.07 ng
 RT: 10.21 min Scan# 728
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.6	25.0
150	12.9	10.4	15.6



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





#60

4-Chlorophenyl-phenylether

Concen: 45.78 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

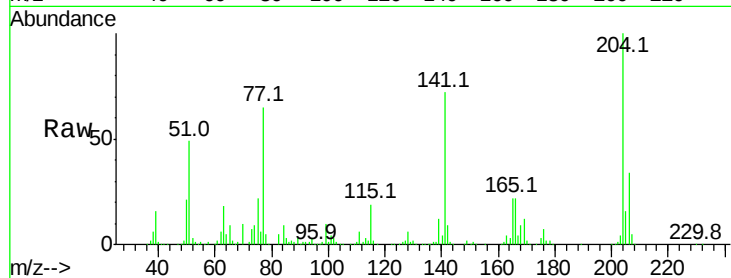
Tot Ion:204 Resp: 410429

Ion Ratio Lower Upper

204 100

206 33.8 25.8 38.6

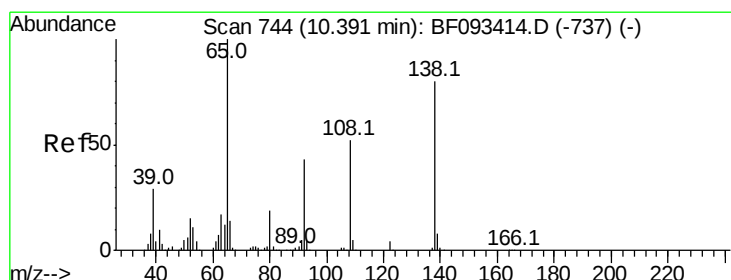
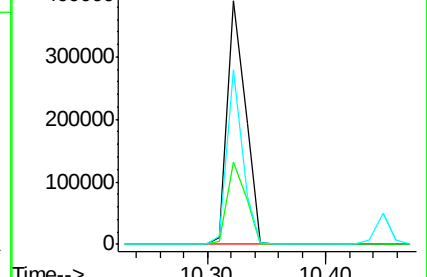
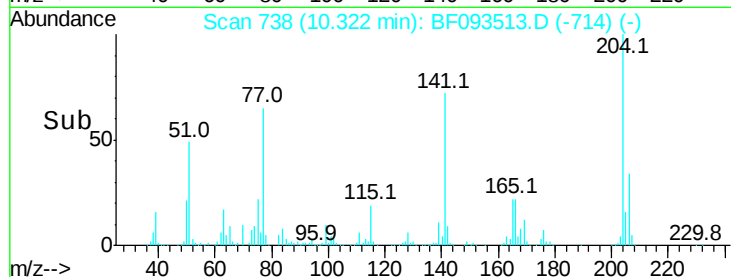
141 71.8 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 47.72 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

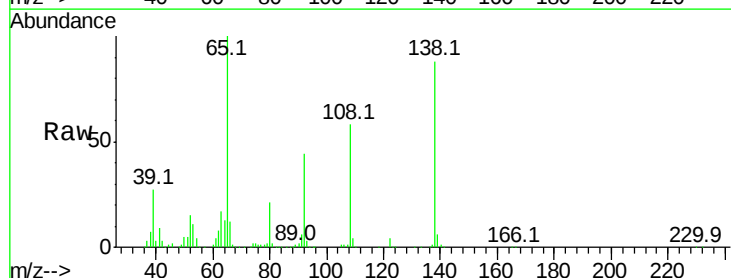
Tgt Ion:138 Resp: 295759

Ion Ratio Lower Upper

138 100

92 50.3 31.7 71.7

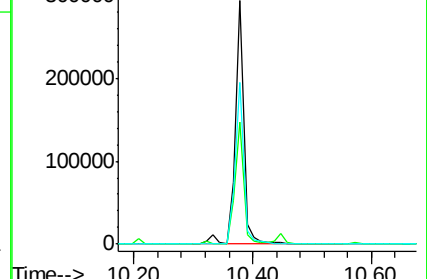
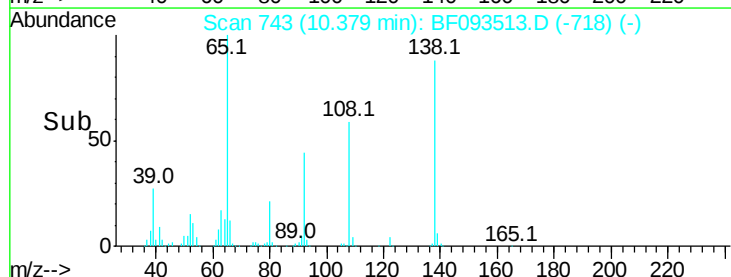
108 66.5 52.6 92.6

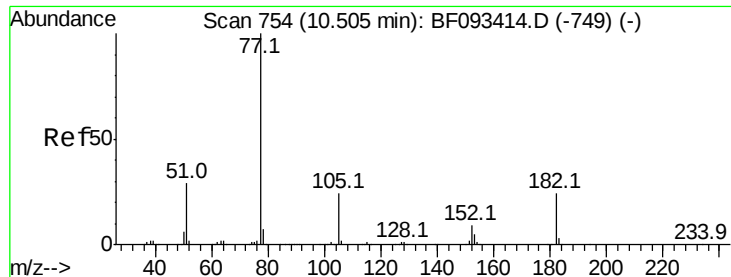


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

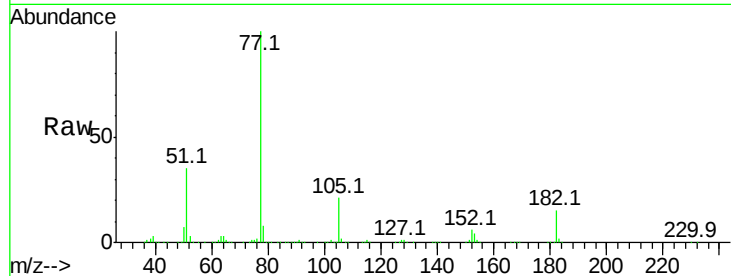




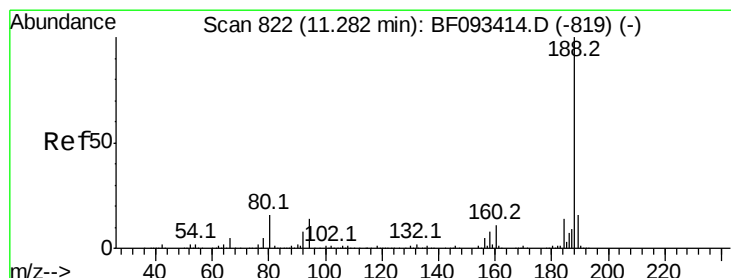
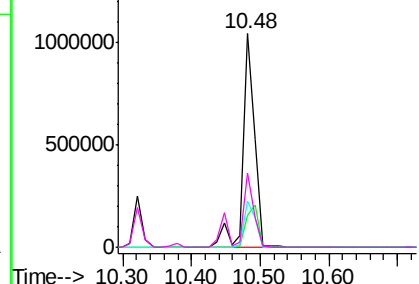
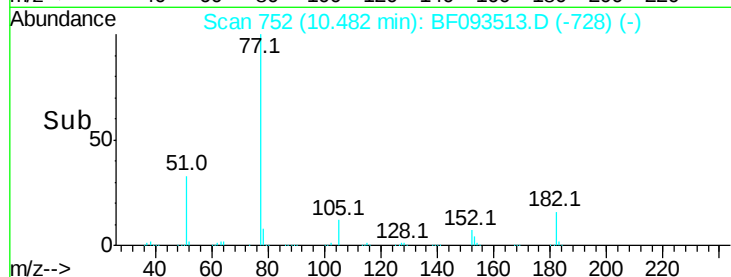
#62
Azobenzene
Concen: 49.63 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Instrument :
BNA_F
ClientSampleId :
W-07MSD

Tot Ion: 77 Resp: 1239065
Ion Ratio Lower Upper
77 100
182 15.1 0.0 39.3
105 21.5 2.3 42.3
51 34.6 8.9 48.9

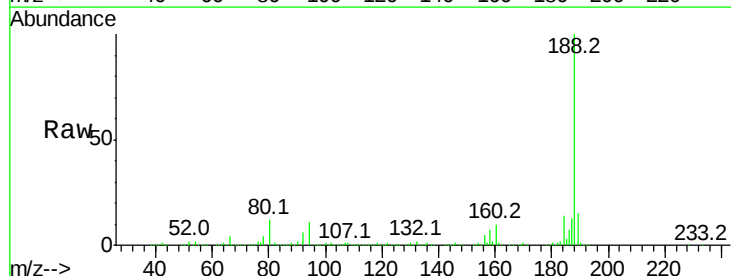


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

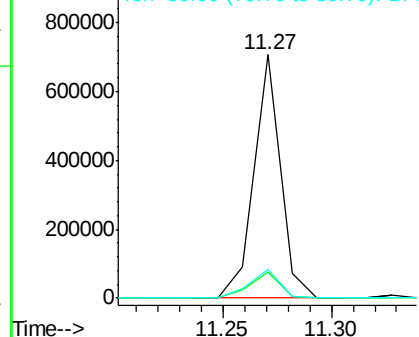
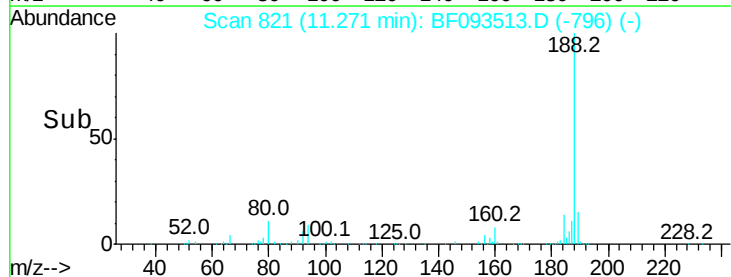


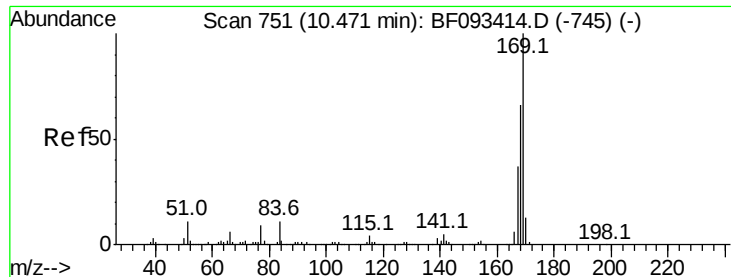
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion: 188 Resp: 599243
Ion Ratio Lower Upper
188 100
94 10.9 10.0 15.0
80 11.6 11.2 16.8



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





#65

n-Nitrosodiphenylamine

Concen: 39.32 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

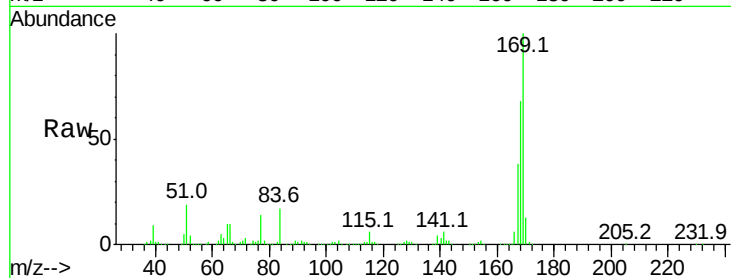
Tot Ion:169 Resp: 786780

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.2

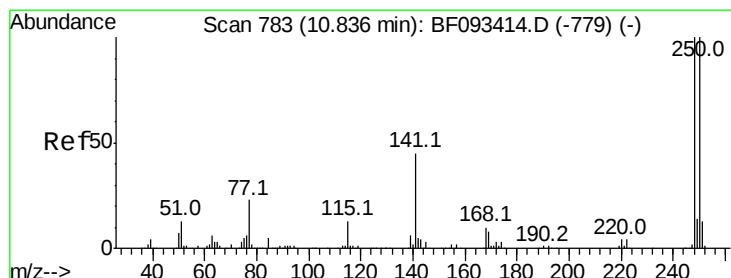
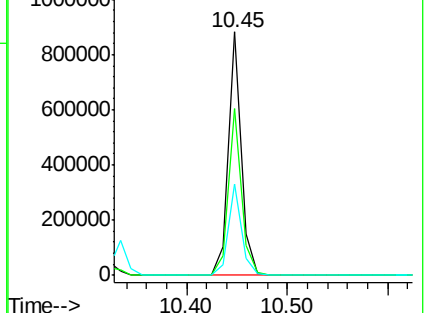
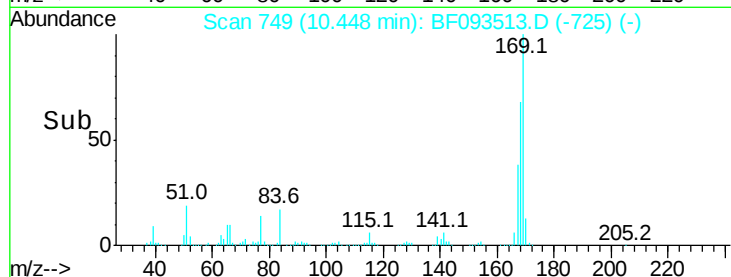
167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.33 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

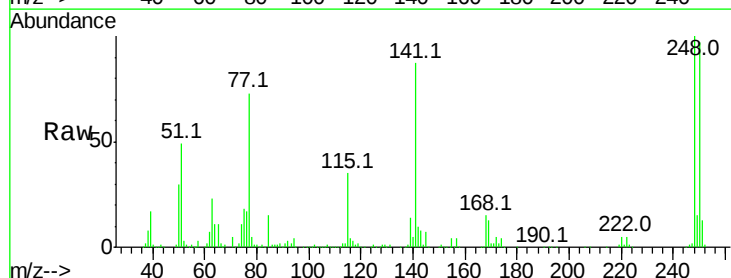
Tgt Ion:248 Resp: 249254

Ion Ratio Lower Upper

248 100

250 97.5 76.9 115.3

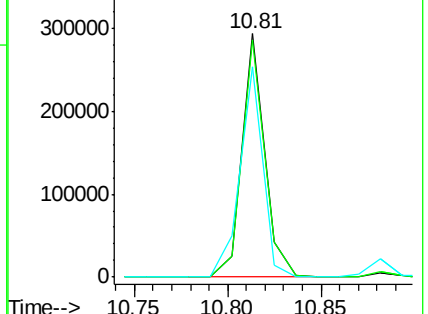
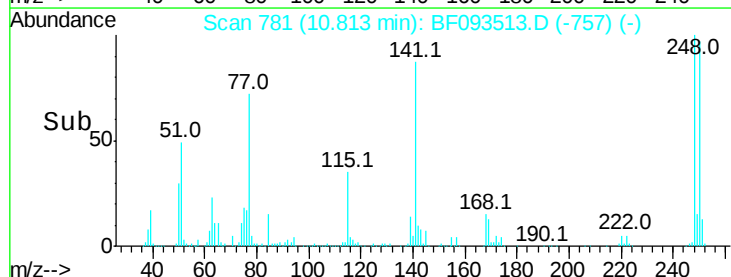
141 86.6 68.2 102.4

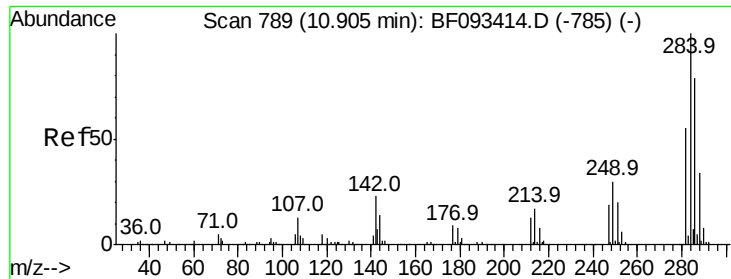


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.24 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

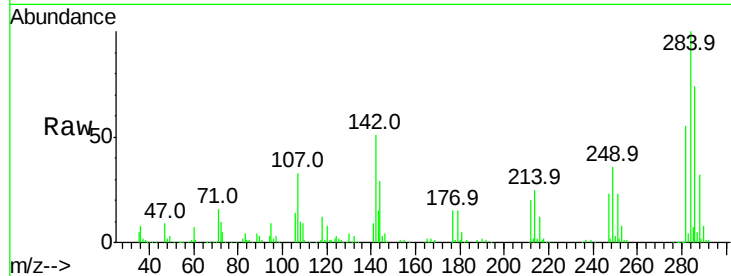
Tot Ion:284 Resp: 237410

Ion Ratio Lower Upper

284 100

142 50.8 22.6 33.8#

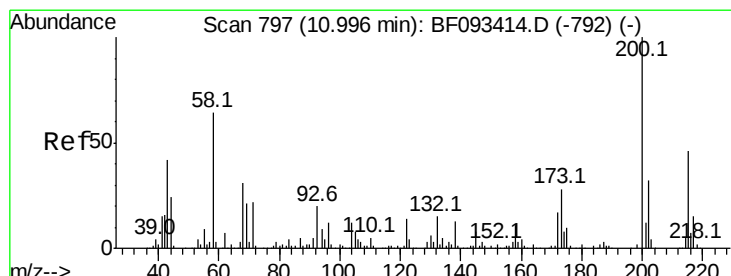
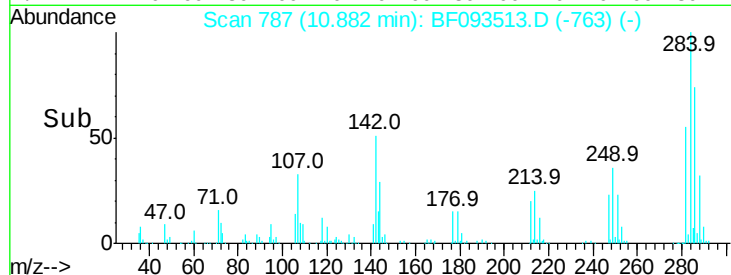
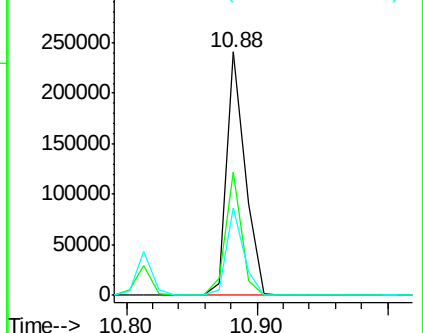
249 36.1 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.67 ng

RT: 10.98 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

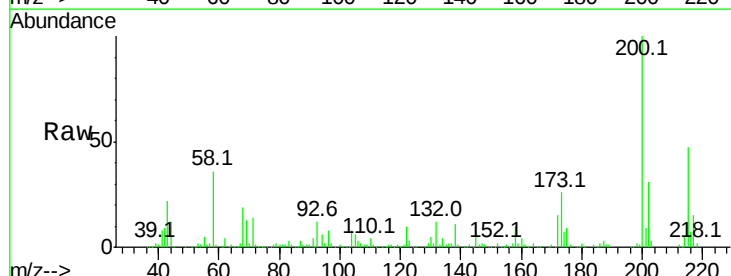
Tgt Ion:200 Resp: 302613

Ion Ratio Lower Upper

200 100

173 26.4 9.6 49.6

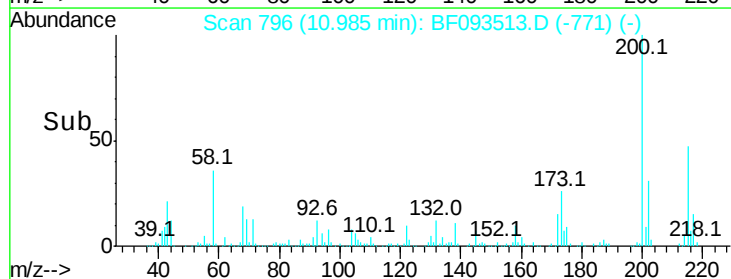
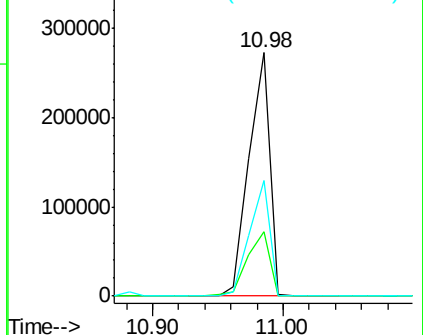
215 47.3 25.7 65.7

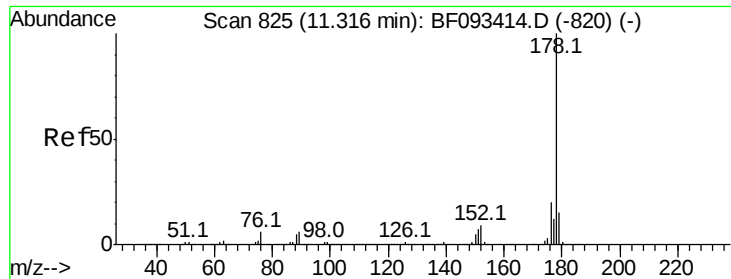


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

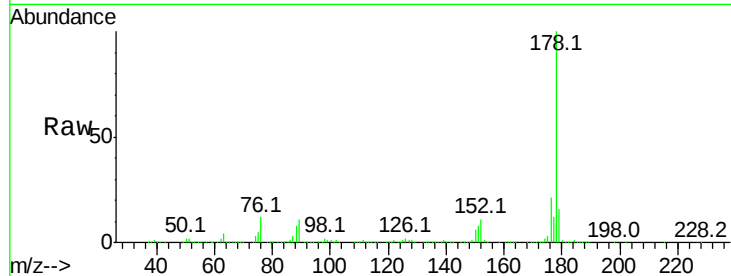




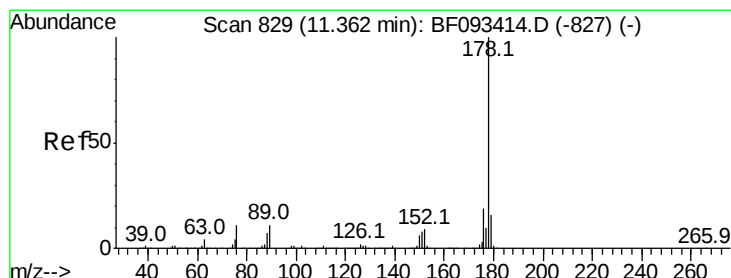
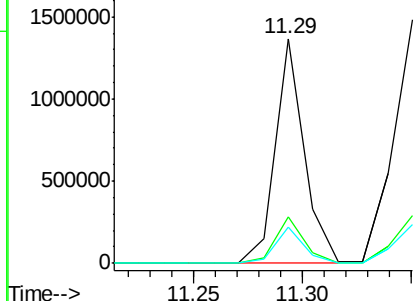
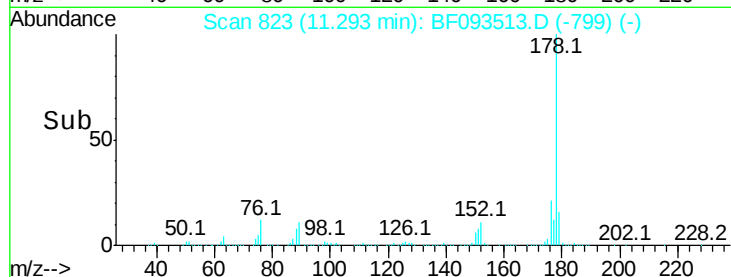
#70
Phenanthrene
Concen: 37.17 ng
RT: 11.29 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Instrument :
BNA_F
ClientSampleId :
W-07MSD

Tot Ion:178 Resp: 1271242
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 15.9 12.8 19.2

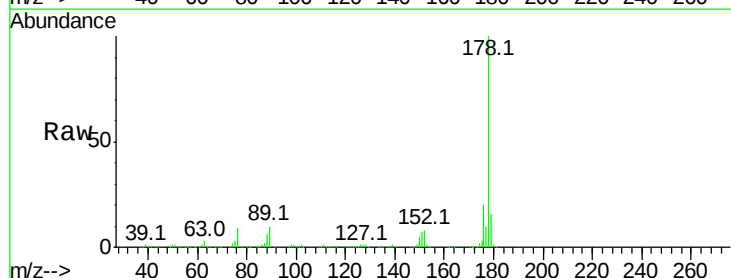


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

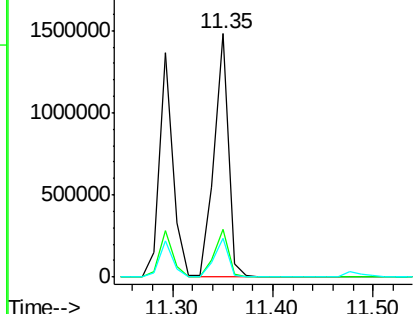
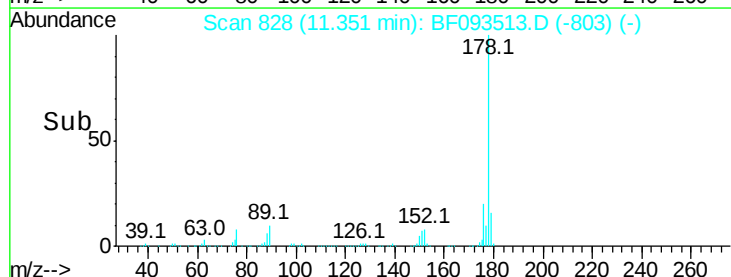


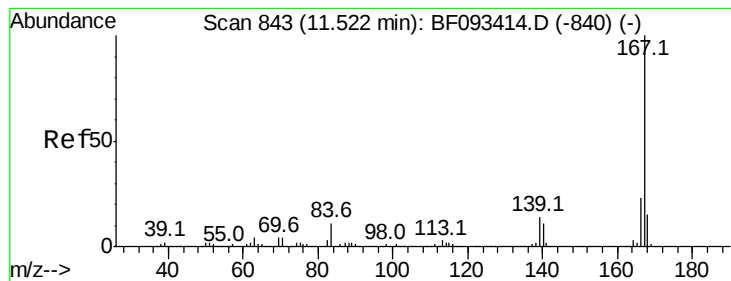
#71
Anthracene
Concen: 42.37 ng
RT: 11.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:178 Resp: 1465911
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 36.93 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

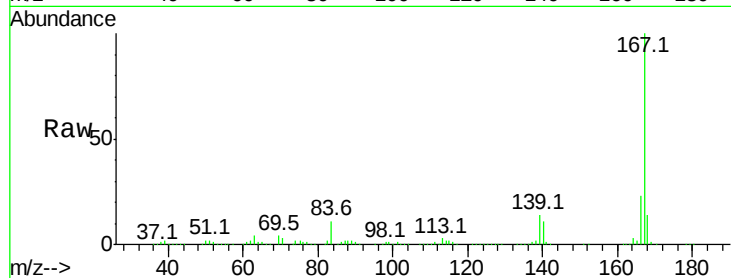
BNA_F

ClientSampleId :

W-07MSD

Tot Ion:167 Resp: 1200247

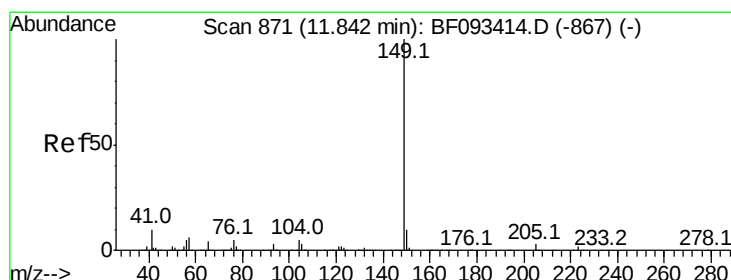
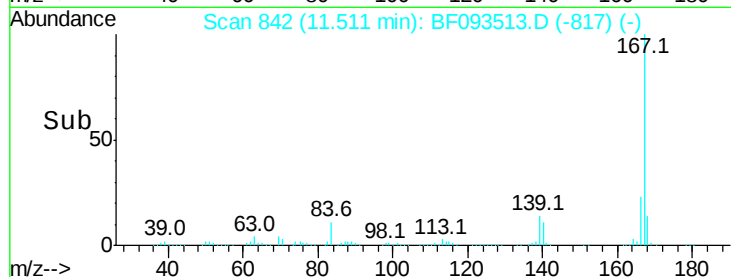
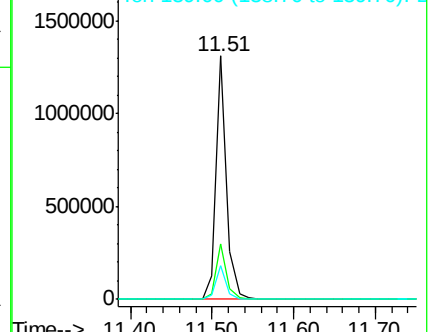
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	13.8	11.4	17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 38.98 ng

RT: 11.83 min Scan# 870

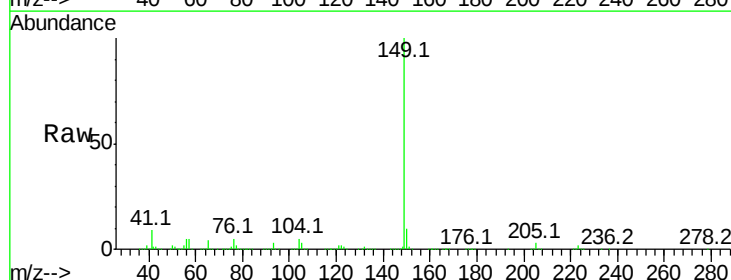
Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Tgt Ion:149 Resp: 1465741

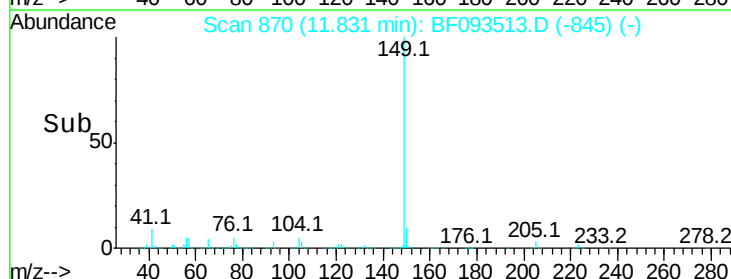
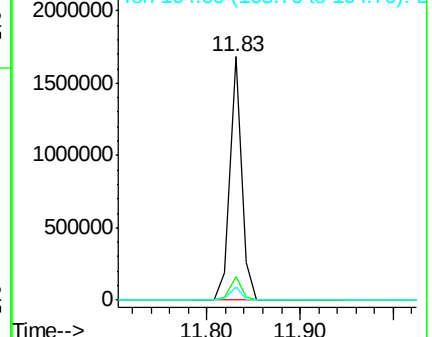
Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.2	4.6	7.0

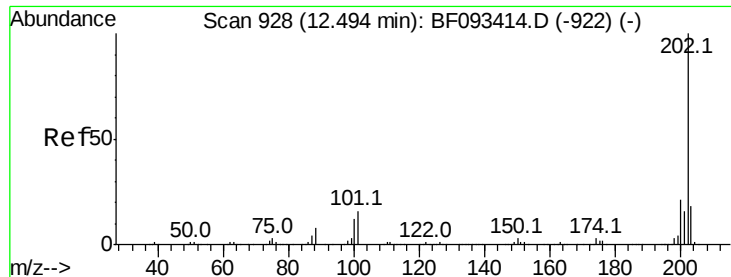


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



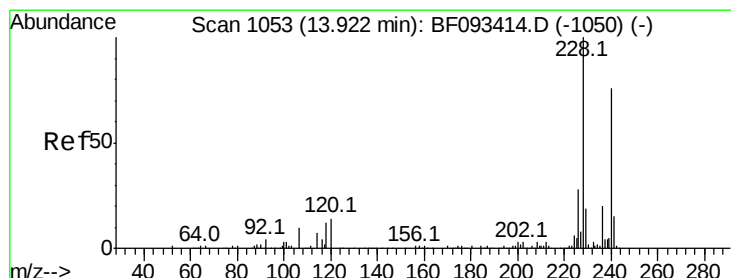
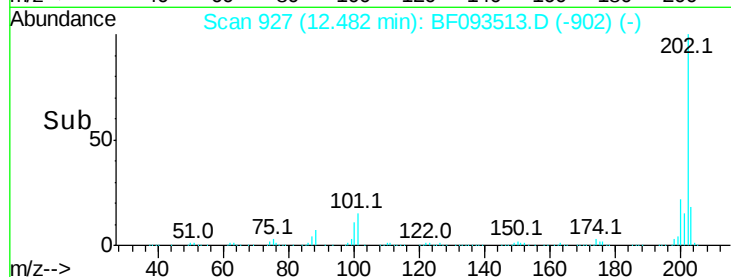
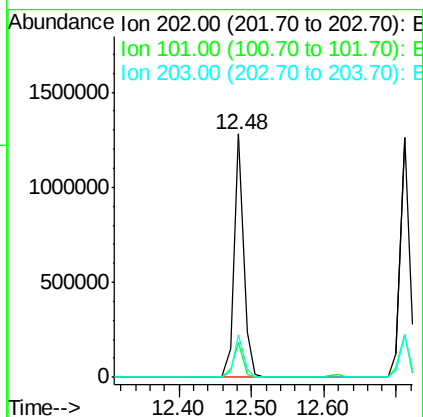
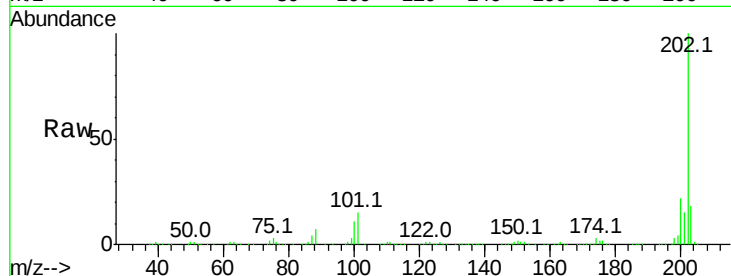


#74
Fluoranthene
 Concen: 35.28 ng
 RT: 12.48 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :
 W-07MSD

Tot Ion:202 Resp: 1165722

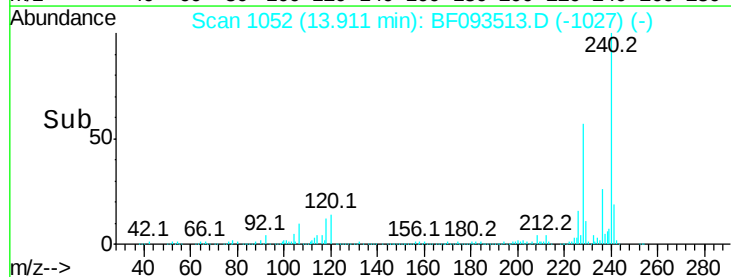
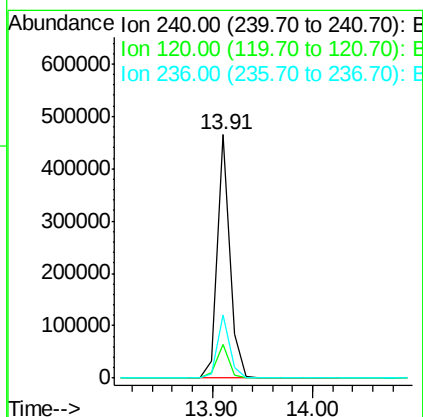
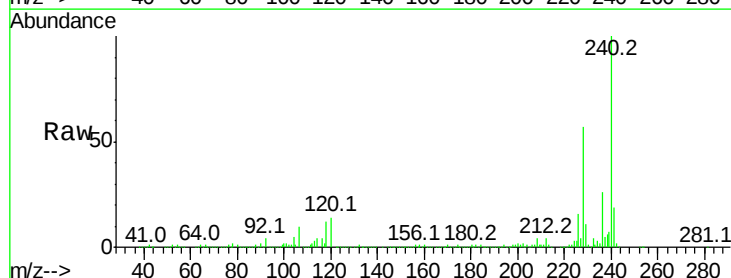
Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.6
203	17.6	0.0	38.7

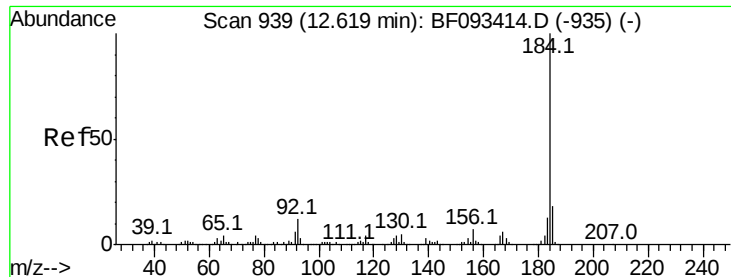


#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion:240 Resp: 404183

Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.9	19.3
236	26.1	20.9	31.3





#76

Benzidine

Concen: 153.99 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

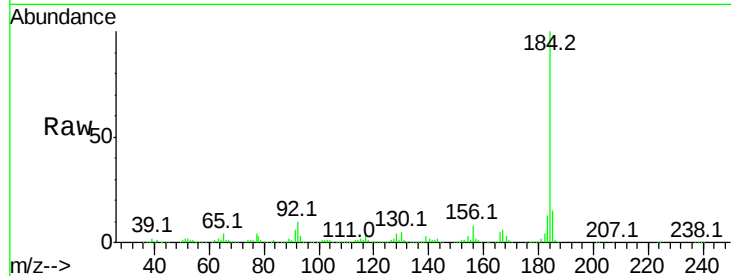
Tot Ion:184 Resp: 2046675

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

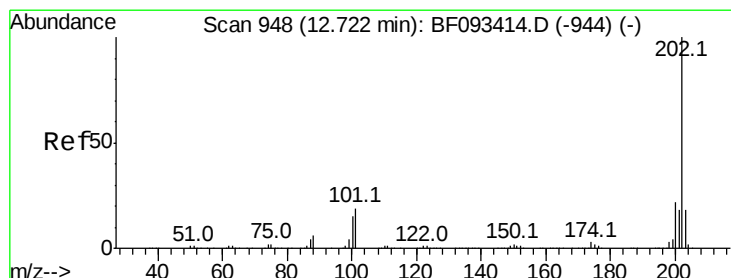
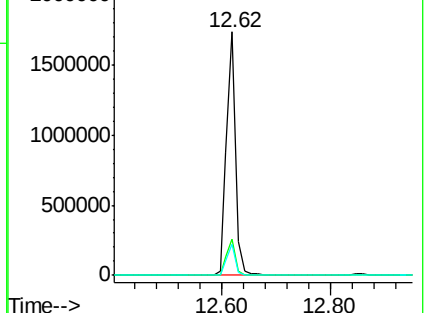
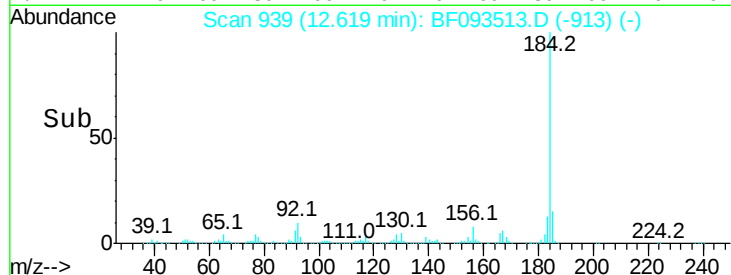
183 13.0 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 39.30 ng

RT: 12.71 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

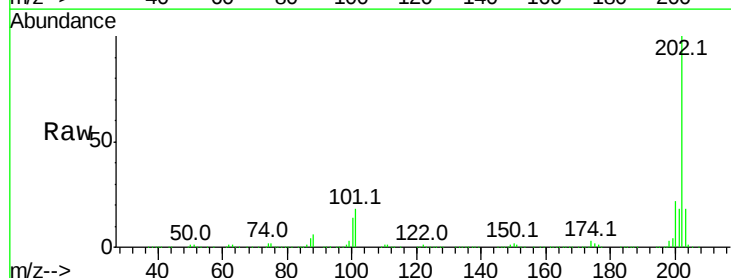
Tgt Ion:202 Resp: 1155371

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

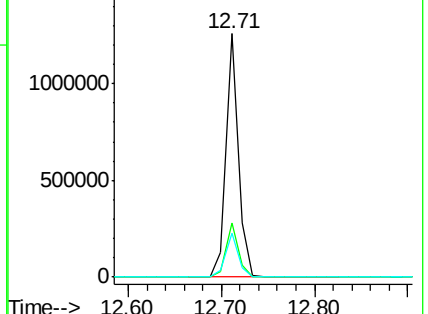
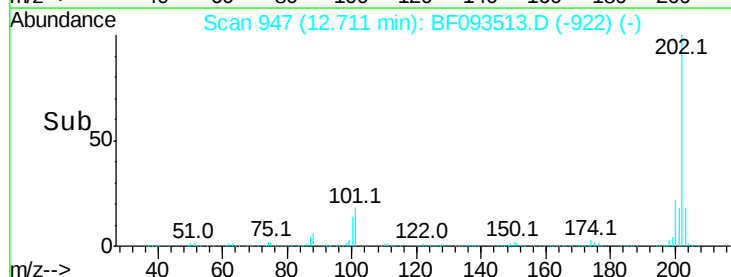
203 17.8 14.7 22.1

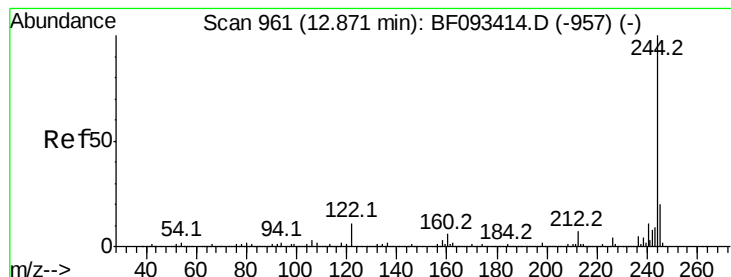


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.31 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

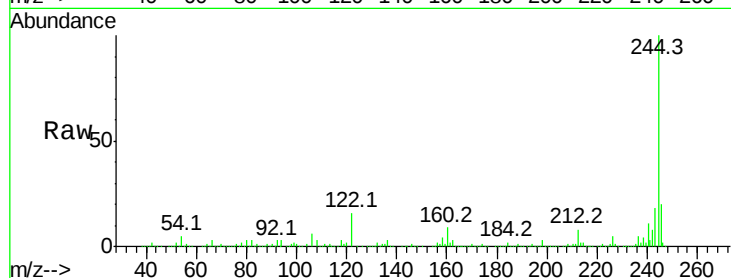
Tot Ion:244 Resp: 1341729

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

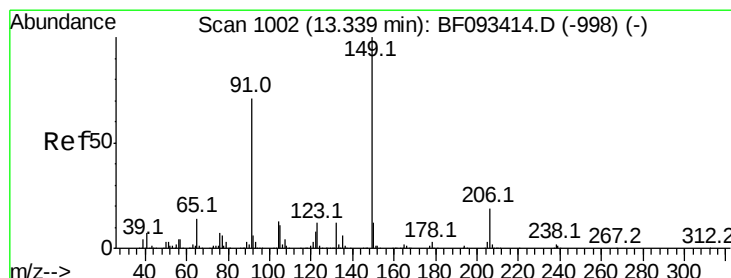
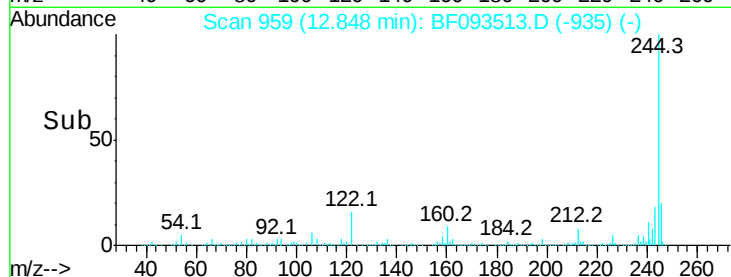
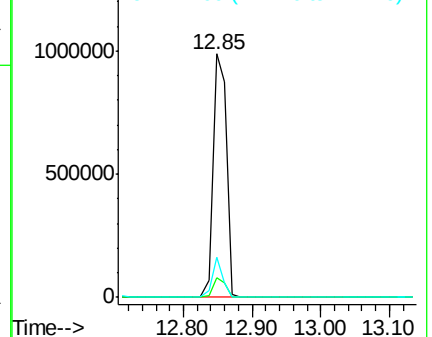
122 16.3 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 42.39 ng

RT: 13.33 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

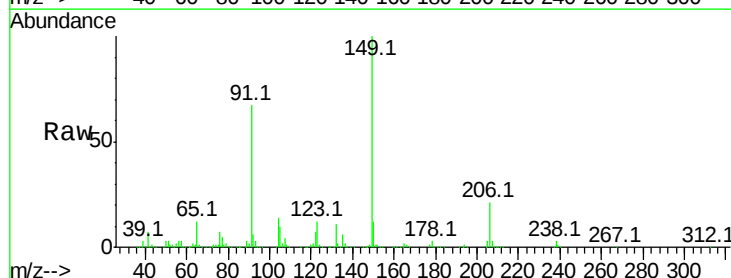
Tgt Ion:149 Resp: 524591

Ion Ratio Lower Upper

149 100

91 66.8 63.9 95.9

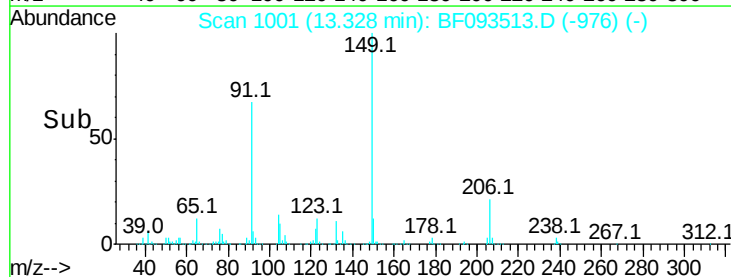
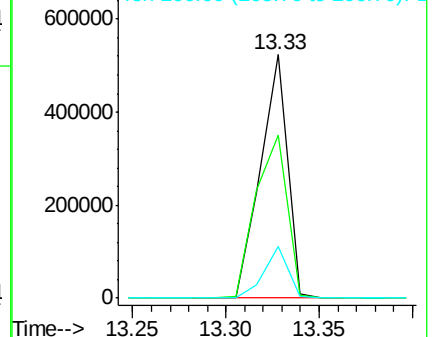
206 21.0 14.6 21.8

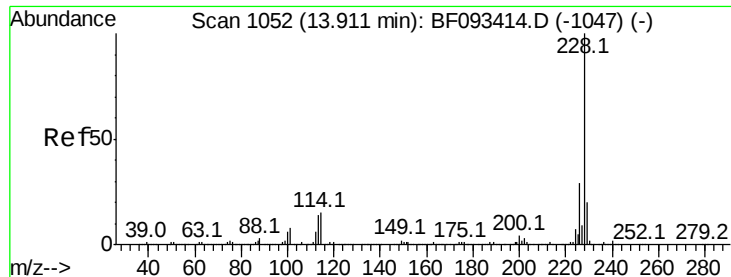


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

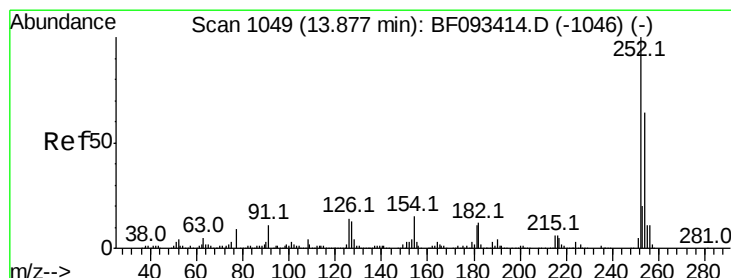
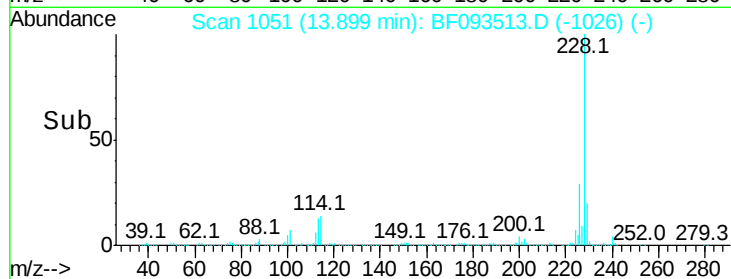
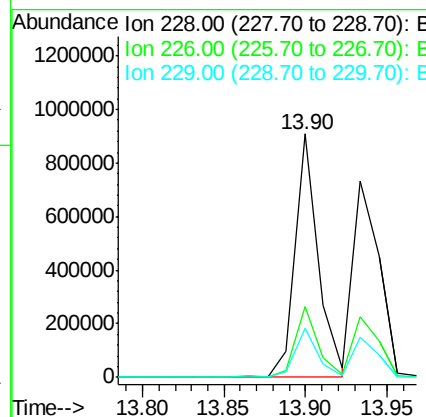
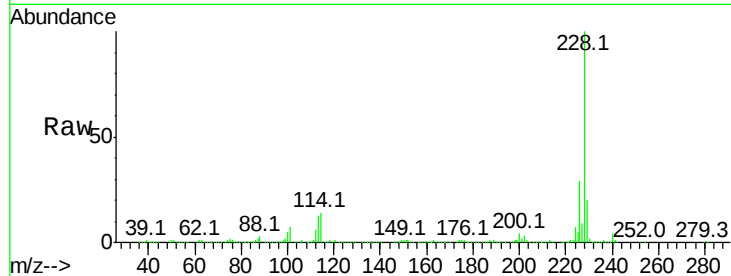




#80
Benzo(a)anthracene
Concen: 37.66 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

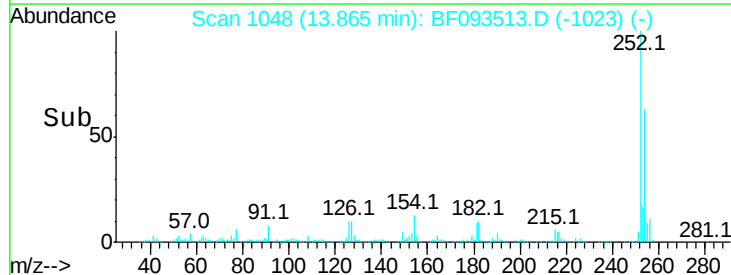
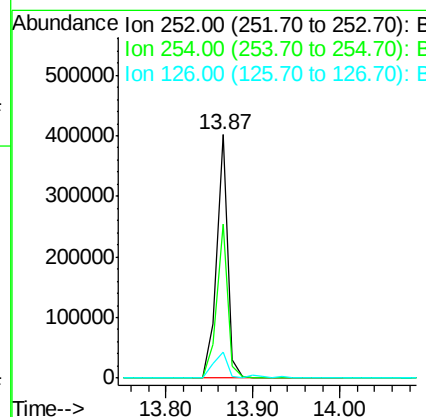
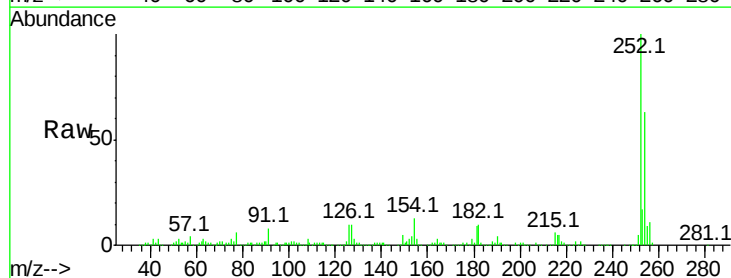
Instrument :
BNA_F
ClientSampleId :
W-07MSD

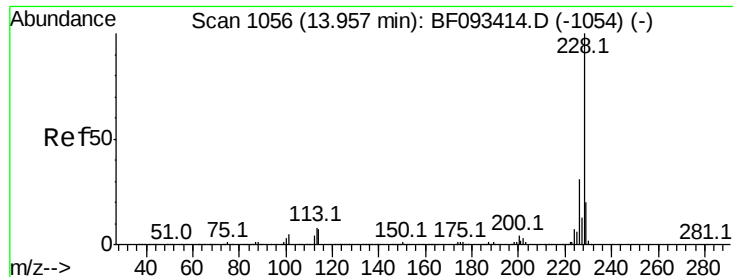
Tot Ion:228 Resp: 898847
Ion Ratio Lower Upper
228 100
226 28.9 22.4 33.6
229 20.2 16.2 24.4



#81
3,3'-Dichlorobenzidine
Concen: 43.42 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:252 Resp: 363003
Ion Ratio Lower Upper
252 100
254 63.2 52.3 78.5
126 10.4 13.6 20.4#





#82

Chrysene

Concen: 37.82 ng

RT: 13.93 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

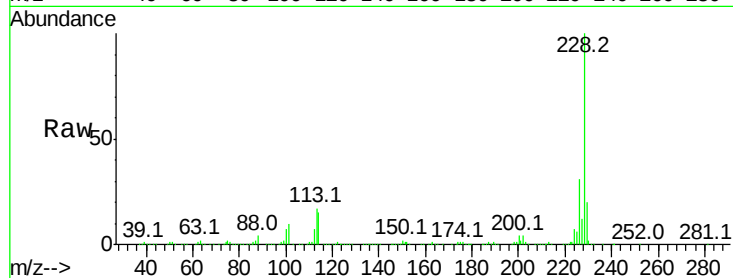
Tot Ion:228 Resp: 835150

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

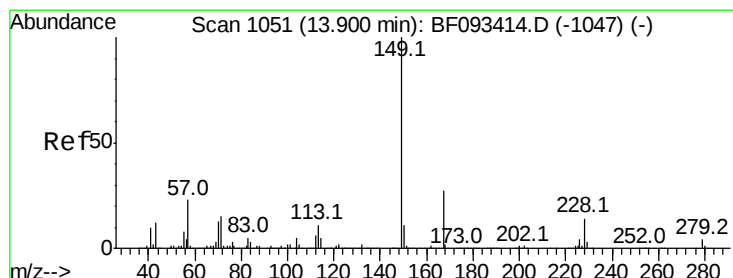
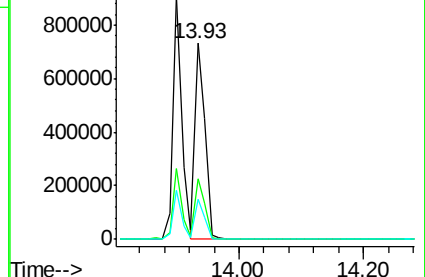
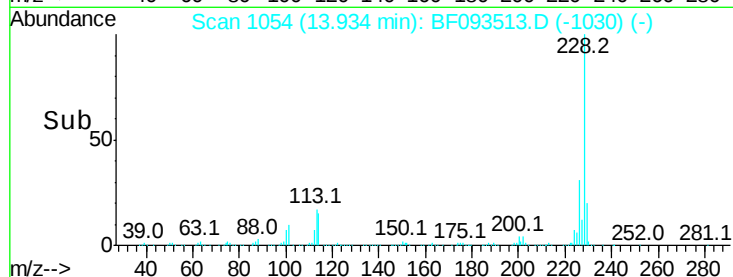
229 20.3 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.15 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

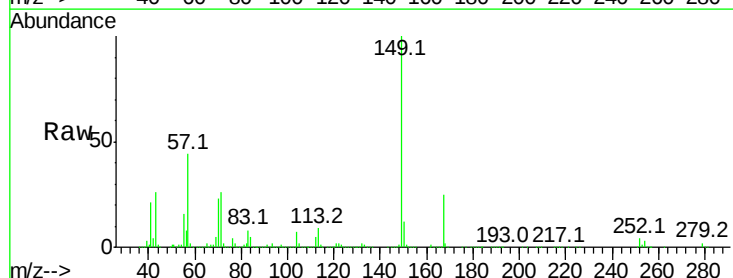
Tgt Ion:149 Resp: 761445

Ion Ratio Lower Upper

149 100

167 25.0 20.2 30.4

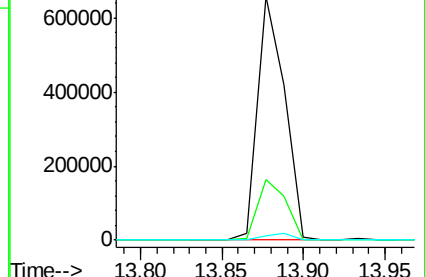
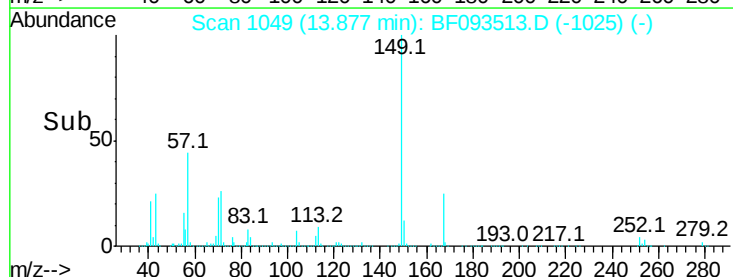
279 1.7 1.8 2.8#

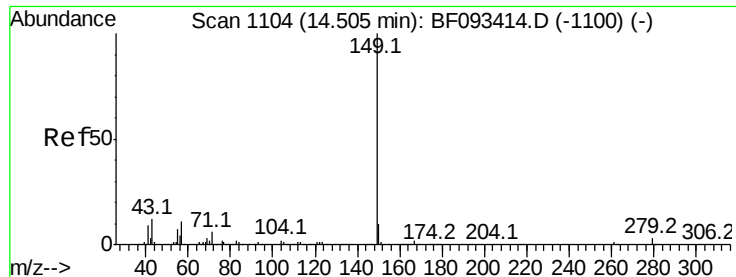


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

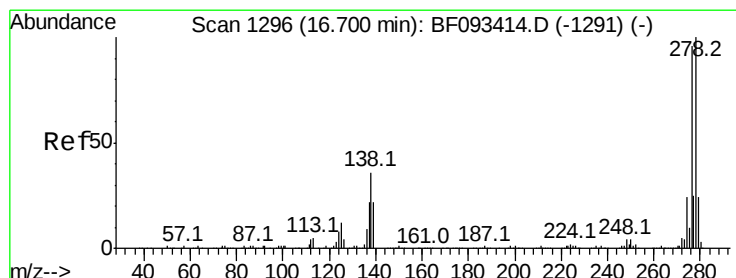
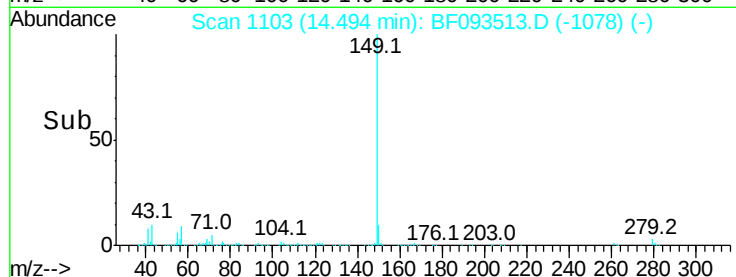
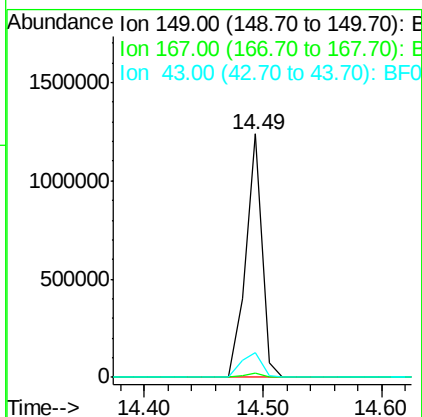
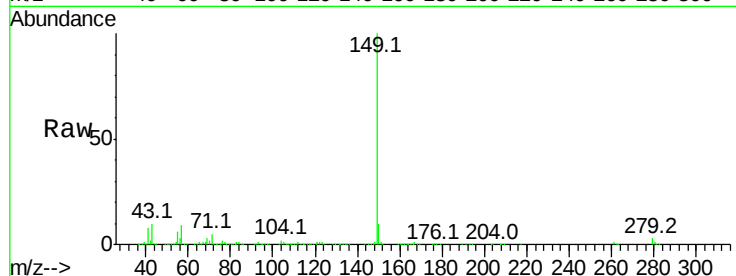




#84
Di-n-octyl phthalate
Concen: 41.08 ng
RT: 14.49 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

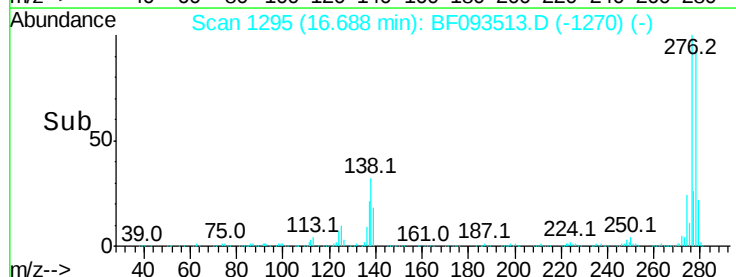
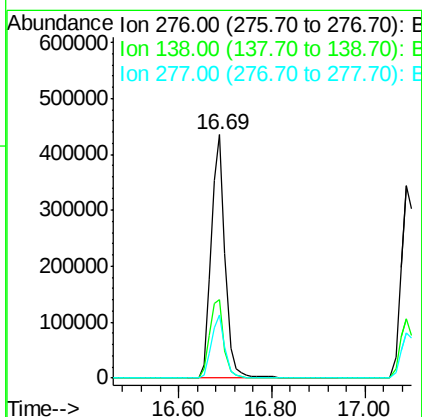
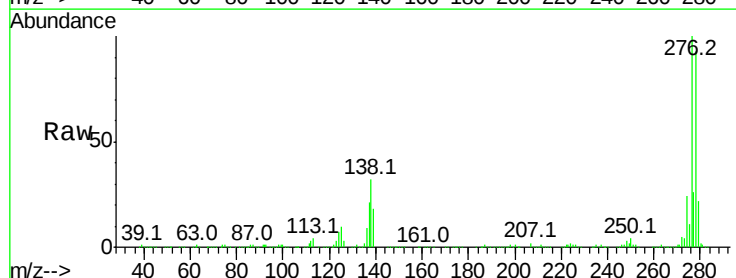
Instrument :
BNA_F
ClientSampleId :
W-07MSD

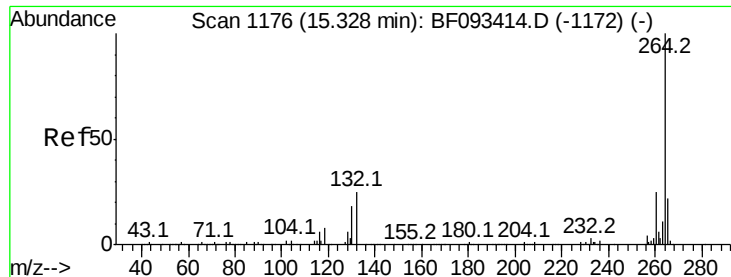
Tot Ion:149 Resp: 1180906
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.8 8.9 13.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.06 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:276 Resp: 906873
Ion Ratio Lower Upper
276 100
138 33.7 21.8 32.6#
277 25.3 20.2 30.4

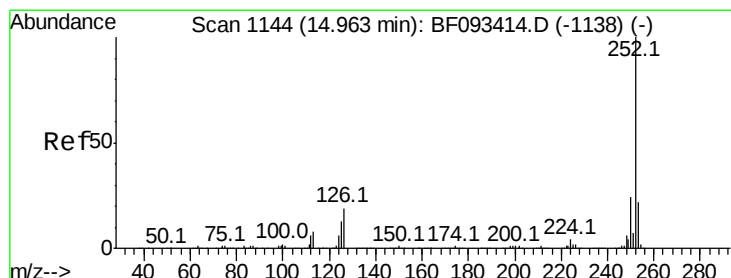
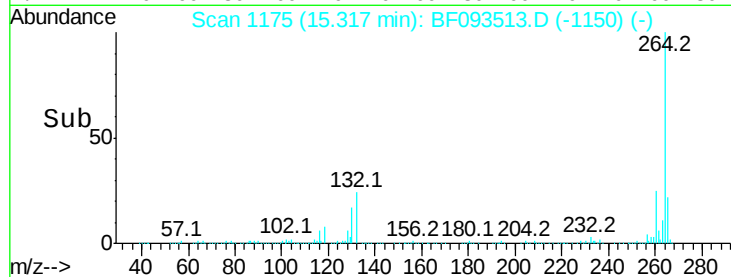
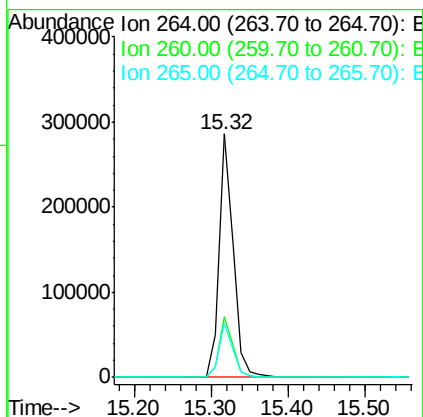
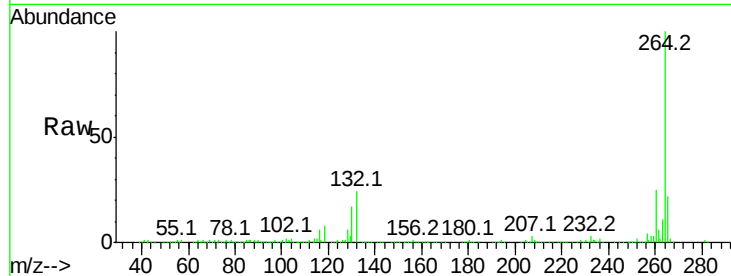




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

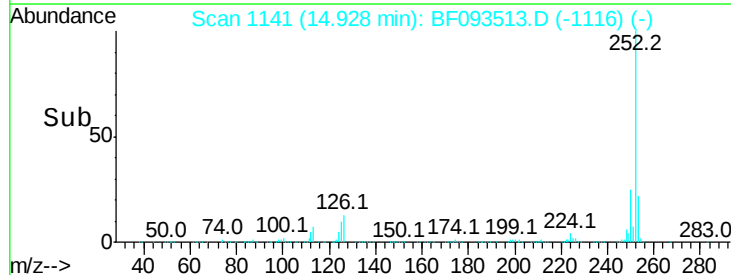
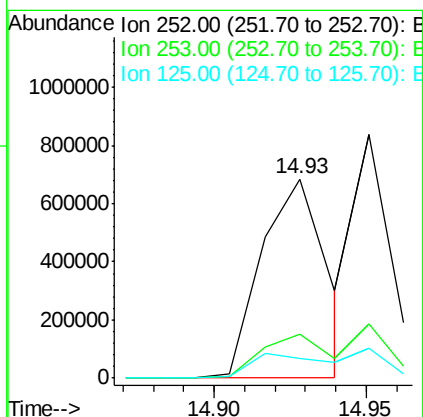
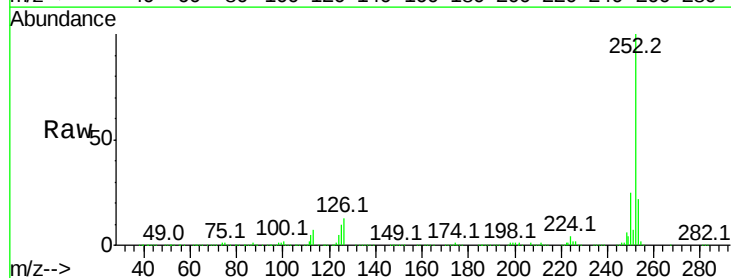
Instrument :
BNA_F
ClientSampleId :
W-07MSD

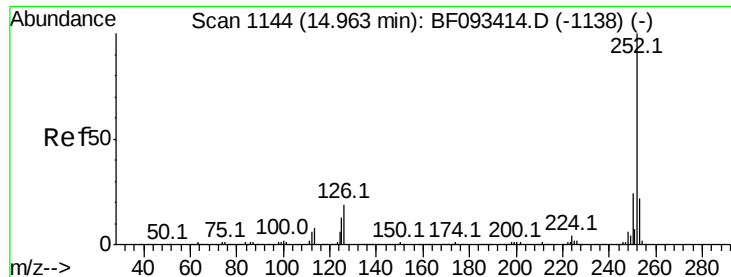
Tot Ion:264 Resp: 368282
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 22.3 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 45.40 ng m
RT: 14.93 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF093513.D
Acq: 10 Mar 2017 9:34

Tgt Ion:252 Resp: 1018300
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 9.8 9.8 14.6





#88

Benzo(k)fluoranthene

Concen: 33.72 ng

RT: 14.95 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

Instrument :

BNA_F

ClientSampleId :

W-07MSD

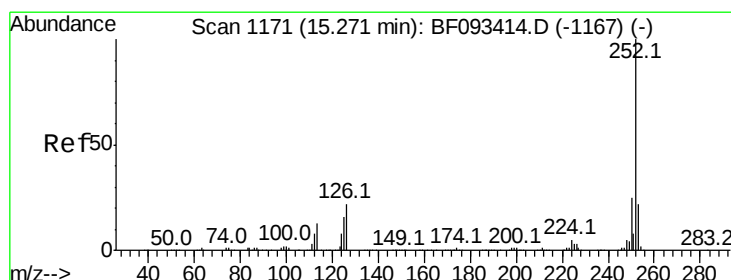
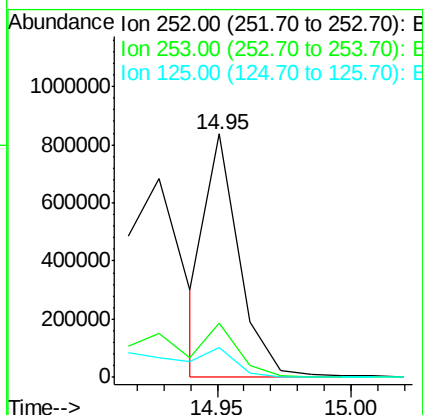
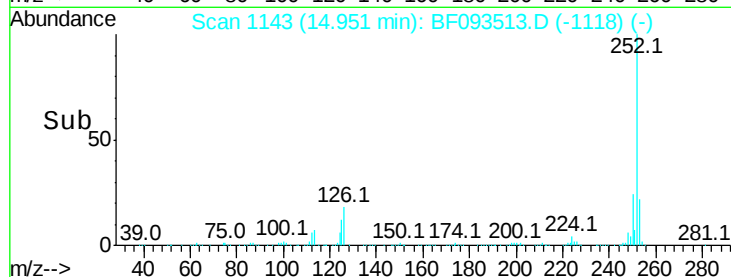
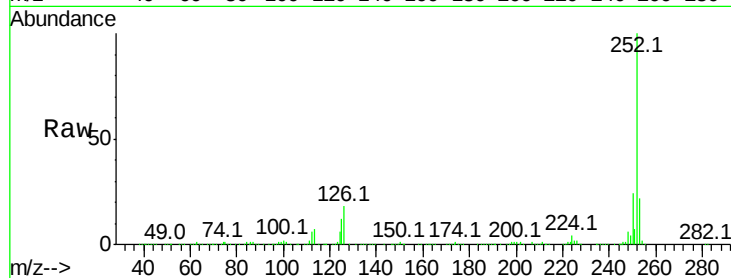
Tot Ion:252 Resp: 729477

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

125 12.2 8.9 13.3



#89

Benzo(a)pyrene

Concen: 42.33 ng

RT: 15.26 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF093513.D

Acq: 10 Mar 2017 9:34

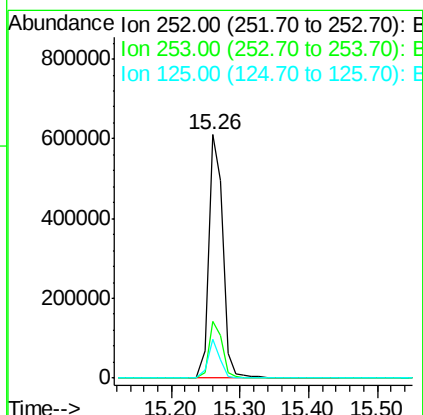
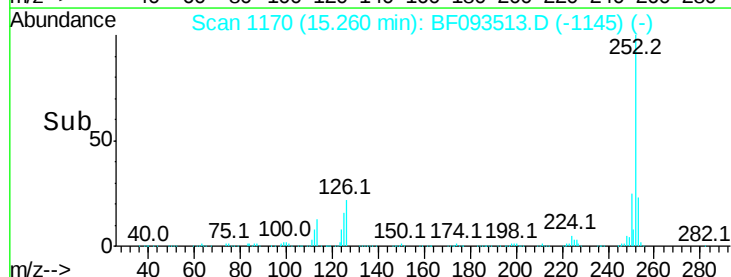
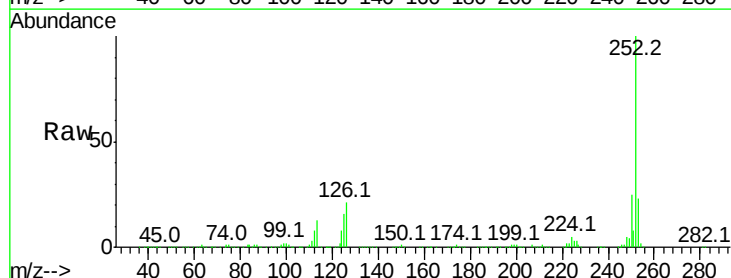
Tgt Ion:252 Resp: 867716

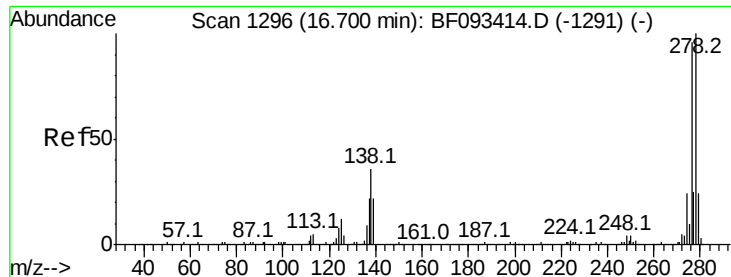
Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

125 15.9 10.0 15.0#

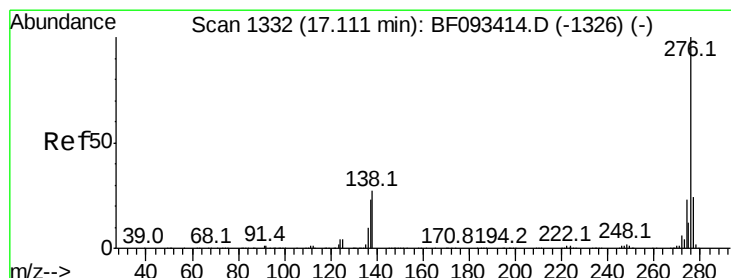
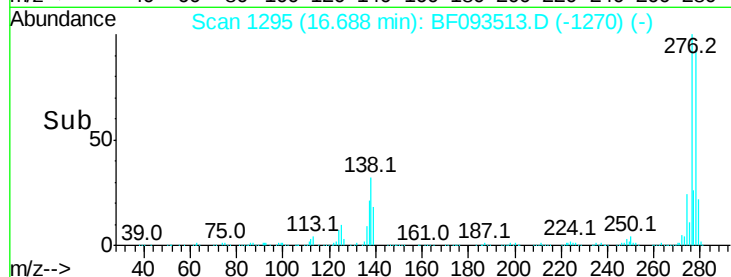
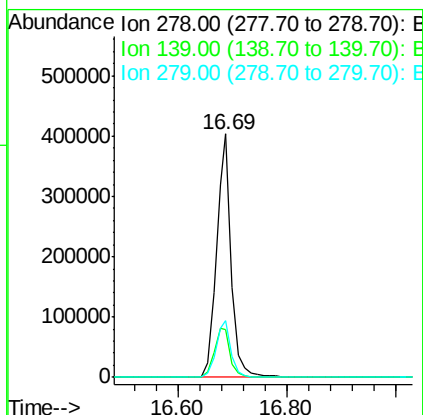
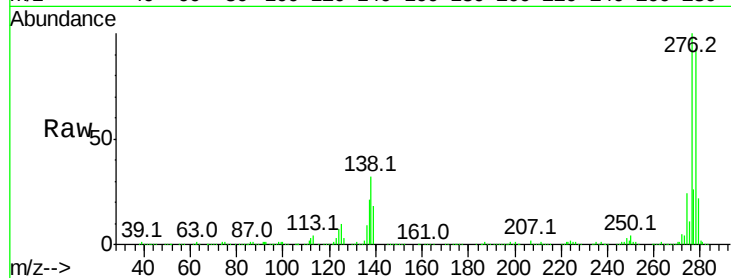




#90
 Dibenzo(a,h)anthracene
 Concen: 45.34 ng
 RT: 16.69 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Instrument :
 BNA_F
 ClientSampleId :
 W-07MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	14.8	22.2
279	23.5	19.8	29.6



#91
 Benzo(g,h,i)perylene
 Concen: 44.27 ng
 RT: 17.09 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF093513.D
 Acq: 10 Mar 2017 9:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	30.9	16.0	24.0

