

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094341.D
 Acq On : 11 Apr 2017 6:25
 Operator : SJ/MA
 Sample : I2598-03MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 07:21:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	151640	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	596064	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	260047	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	424106	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	284905	20.00	ng	-0.02
86) Perylene-d12	16.18	264	247507	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.40	112	1243139	138.46	ng	0.02
7) Phenol-d6	5.48	99	1588225	143.00	ng	0.02
23) Nitrobenzene-d5	6.49	82	1014132	97.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	302165	147.04	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1590860	93.31	ng	-0.02
78) Terphenyl-d14	13.28	244	1162465	91.46	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	170174	39.45	ng	98
3) Pyridine	2.71	79	252520	21.48	ng	99
4) n-Nitrosodimethylamine	2.68	42	236833	48.96	ng	88
6) Aniline	5.46	93	328921	21.29	ng	# 90
8) 2-Chlorophenol	5.62	128	507025	51.38	ng	96
9) Benzaldehyde	5.33	77	189163	25.22	ng	98
10) Phenol	5.49	94	697947	55.22	ng	92
11) bis(2-Chloroethyl)ether	5.55	93	493469	49.96	ng	98
12) 1,3-Dichlorobenzene	5.77	146	541675	48.93	ng	99
13) 1,4-Dichlorobenzene	5.86	146	551040	49.15	ng	96
14) 1,2-Dichlorobenzene	6.03	146	498362	48.27	ng	97
15) Benzyl Alcohol	6.02	79	389338	47.89	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	638364	41.94	ng	# 35
17) 2-Methylphenol	6.17	107	407568	48.22	ng	# 90
18) Hexachloroethane	6.42	117	191273	48.54	ng	# 83
19) n-Nitroso-di-n-propylamine	6.33	70	367260	51.45	ng	96
20) 3+4-Methylphenols	6.36	107	565998	55.30	ng	# 63
22) Acetophenone	6.32	105	714720	53.80	ng	# 86
24) Nitrobenzene	6.52	77	517620	50.25	ng	94
25) Isophorone	6.80	82	916993	49.96	ng	# 94
26) 2-Nitrophenol	6.89	139	284294	57.87	ng	94
27) 2,4-Dimethylphenol	6.97	122	446552	52.76	ng	98
28) bis(2-Chloroethoxy)methane	7.06	93	601355	49.69	ng	99
29) 2,4-Dichlorophenol	7.20	162	424236	53.60	ng	99
30) 1,2,4-Trichlorobenzene	7.28	180	417300	51.19	ng	100
31) Naphthalene	7.37	128	1400738	48.87	ng	100
32) Benzoic acid	7.14	122	189844	33.69	ng	96
34) Hexachlorobutadiene	7.52	225	207895	49.73	ng	97
35) Caprolactam	7.89	113	77652	30.77	ng	97
36) 4-Chloro-3-methylphenol	8.08	107	431873	52.22	ng	89
37) 2-Methylnaphthalene	8.21	142	957198	50.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	356964	50.18	ng	99
40) Hexachlorocyclopentadiene	8.40	237	240555	72.26	ng	99
42) 2,4,6-Trichlorophenol	8.57	196	276621	54.96	ng	99

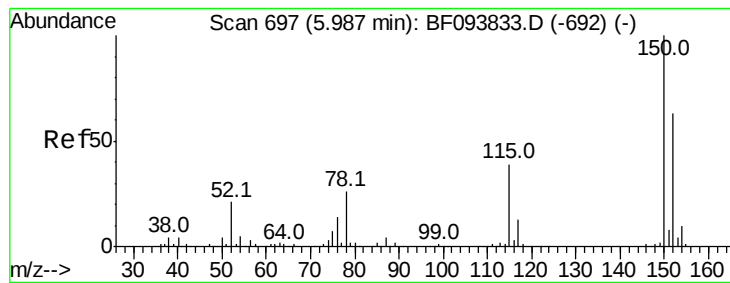
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.63	196	275261	50.54	nq	96
45) 1,1'-Biphenyl	8.79	154	1034355	49.31	nq	98
46) 2-Chloronaphthalene	8.80	162	827611	50.41	nq	94
47) 2-Nitroaniline	8.94	65	254196	52.19	nq	87
48) Acenaphthylene	9.31	152	1269299	46.51	nq	99
49) Dimethylphthalate	9.18	163	1429532	77.33	nq	99
50) 2,6-Dinitrotoluene	9.25	165	224203	52.91	nq	# 87
51) Acenaphthene	9.53	154	757350	47.56	nq	99
52) 3-Nitroaniline	9.45	138	159205	32.00	nq	96
53) 2,4-Dinitrophenol	9.59	184	138041	61.99	nq	# 72
54) Dibenzofuran	9.75	168	1078703	49.77	nq	100
55) 4-Nitrophenol	9.72	139	346426	88.90	nq	# 80
56) 2,4-Dinitrotoluene	9.74	165	259993	48.84	nq	# 67
57) Fluorene	10.16	166	812436	45.20	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	197627	52.89	nq	96
59) Diethylphthalate	10.05	149	941513	51.53	nq	99
60) 4-Chlorophenyl-phenylether	10.16	204	348067	45.45	nq	94
61) 4-Nitroaniline	10.21	138	220155	46.11	nq	97
62) Azobenzene	10.36	77	876276	50.70	nq	94
64) 4,6-Dinitro-2-methylphenol	10.25	198	112020	43.13	nq	# 70
65) n-Nitrosodiphenylamine	10.32	169	772154	52.65	nq	98
66) 4-Bromophenyl-phenylether	10.76	248	219930	52.73	nq	98
67) Hexachlorobenzene	10.83	284	220615	52.25	nq	# 85
68) Atrazine	10.99	200	227075	51.69	nq	96
69) Pentachlorophenol	11.09	266	197805	75.26	nq	97
70) Phenanthrene	11.34	178	1150070	48.75	nq	99
71) Anthracene	11.40	178	1186579	48.85	nq	99
72) Carbazole	11.61	167	1125198	45.17	nq	99
73) Di-n-butylphthalate	12.05	149	1378328	53.21	nq	99
74) Fluoranthene	12.80	202	1095488	45.35	nq	99
76) Benzidine	12.97	184	153071	13.57	nq	# 91
77) Pyrene	13.07	202	1074360	51.96	nq	98
79) Butylbenzylphthalate	13.89	149	530916	60.26	nq	# 87
80) Benzo(a)anthracene	14.54	228	825683	49.70	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	246815	41.56	nq	# 96
82) Chrysene	14.59	228	738104	47.87	nq	99
83) Bis(2-ethylhexyl)phthalate	14.60	149	734220	61.09	nq	# 100
84) Di-n-octyl phthalate	15.36	149	1178898	58.71	nq	98
85) Indeno(1,2,3-cd)pyrene	17.50	276	705823	52.86	nq	99
87) Benzo(b)fluoranthene	15.78	252	725055	47.79	nq	98
88) Benzo(k)fluoranthene	15.81	252	720776	48.56	nq	97
89) Benzo(a)pyrene	16.13	252	693726	49.65	nq	99
90) Dibenzo(a,h)anthracene	17.52	278	588976	49.78	nq	98
91) Benzo(g,h,i)perylene	17.89	276	570839	47.87	nq	99

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

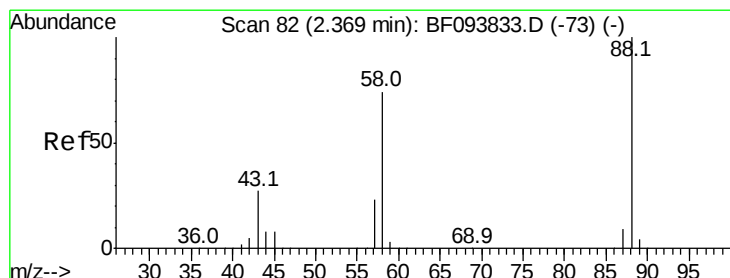
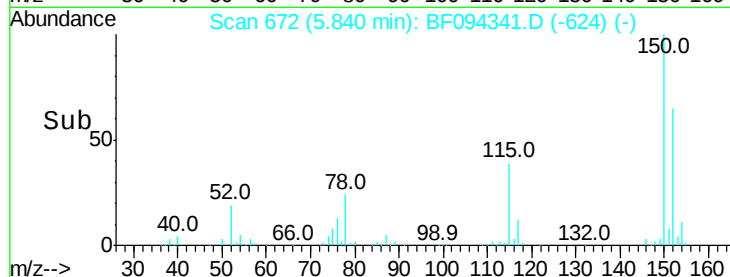
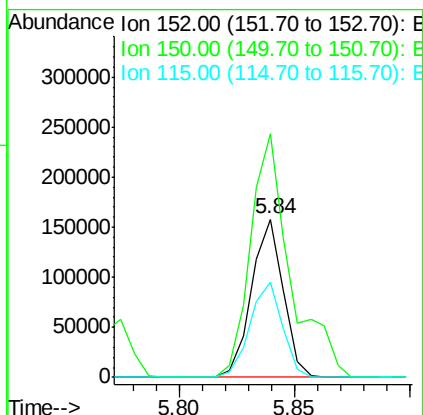
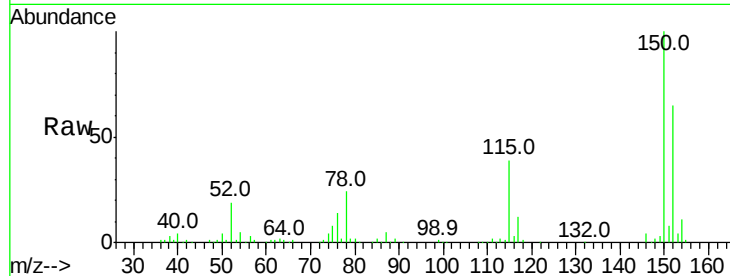


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

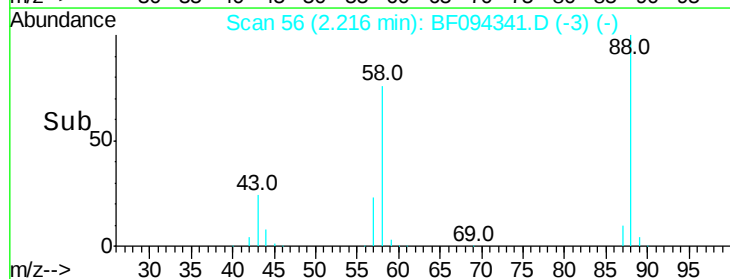
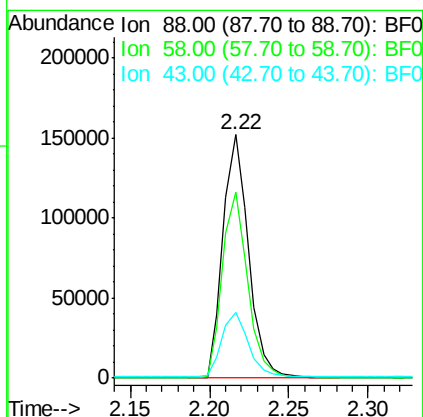
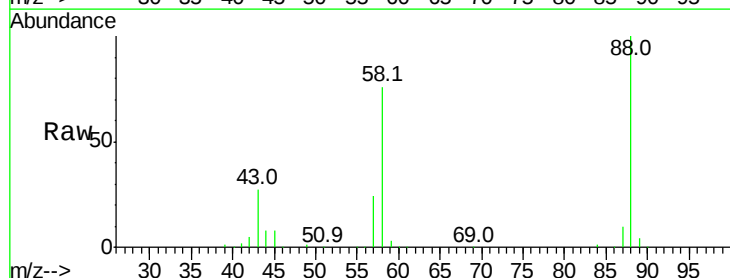
Tot Ion:152 Resp: 151640
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 60.4 52.2 78.2

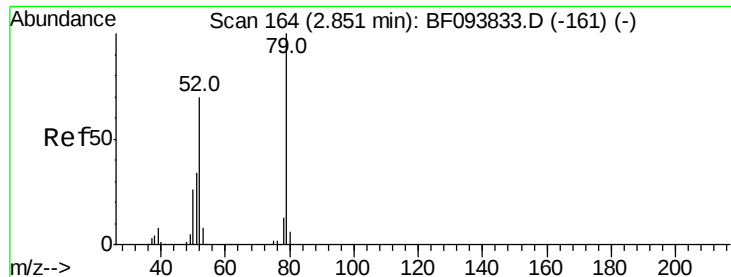


#2

1,4-Dioxane
Concen: 39.45 ng
RT: 2.22 min Scan# 56
Delta R.T. 0.01 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion: 88 Resp: 170174
Ion Ratio Lower Upper
88 100
58 75.7 61.4 92.0
43 27.6 23.4 35.0





#3

Pvridine

Concen: 21.48 ng

RT: 2.71 min Scan# 140

Delta R.T. 0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

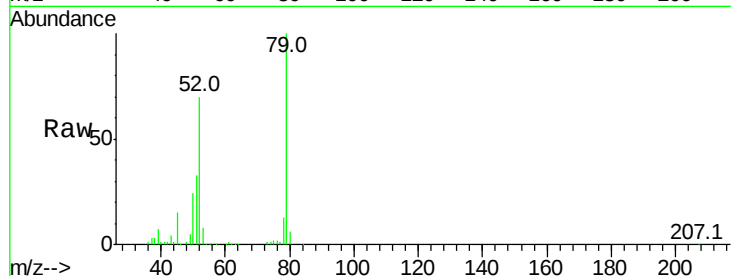
Tot Ion: 79 Resp: 252520

Ion Ratio Lower Upper

79 100

52 69.8 54.8 82.2

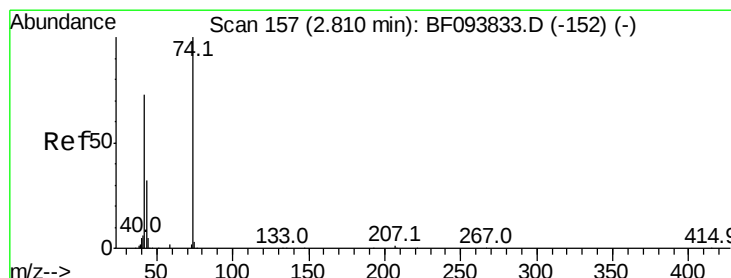
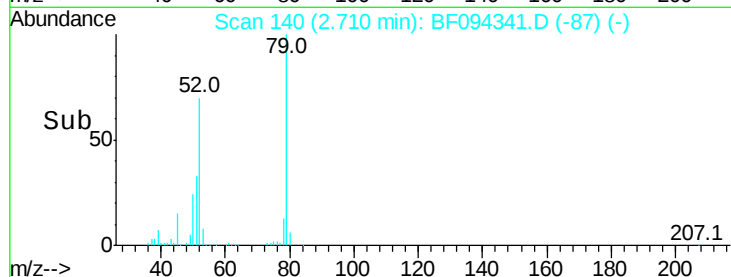
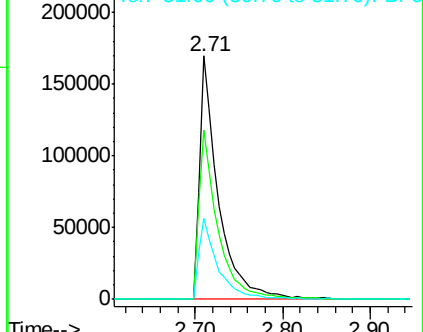
51 33.3 27.0 40.4



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: 48.96 ng

RT: 2.68 min Scan# 134

Delta R.T. 0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

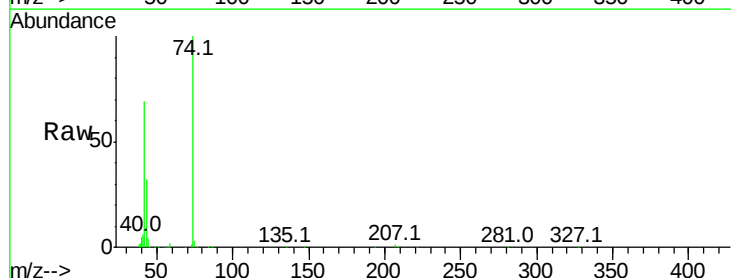
Tgt Ion: 42 Resp: 236833

Ion Ratio Lower Upper

42 100

74 144.6 103.9 155.9

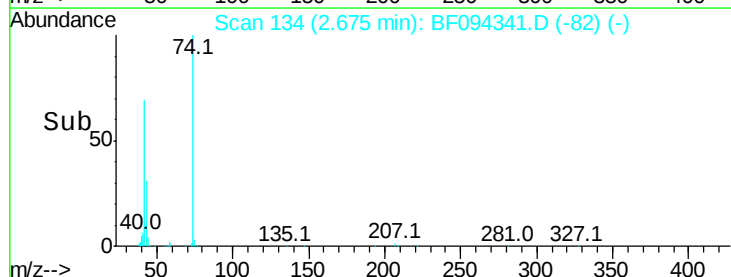
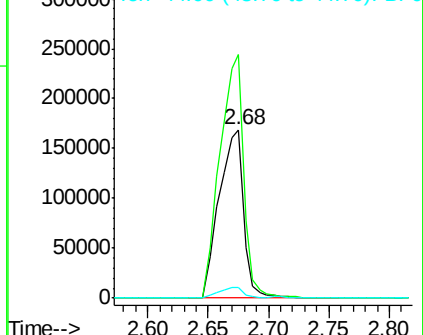
44 6.2 5.7 8.5



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: 138.46 ng

RT: 4.40 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

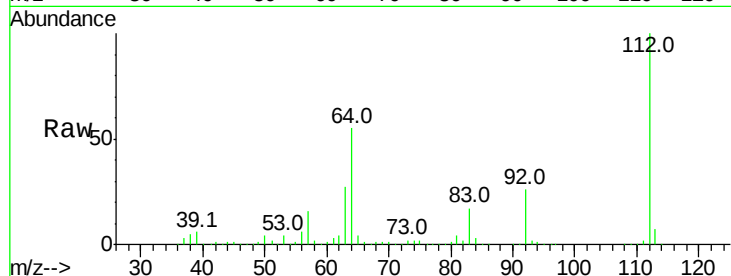
Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 1243139

Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	27.5	23.4	35.0

64 55.3 46.0 69.0

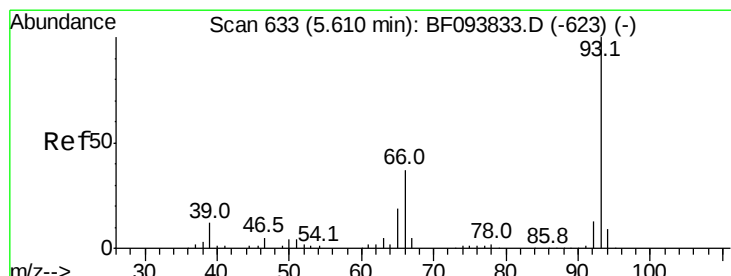
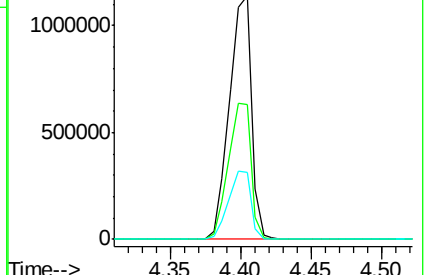
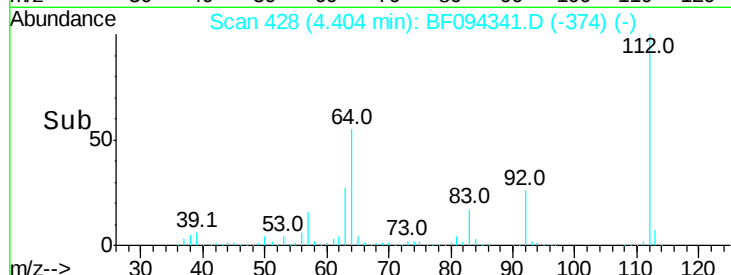
63 27.5 23.4 35.0



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: 21.29 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF094341.D

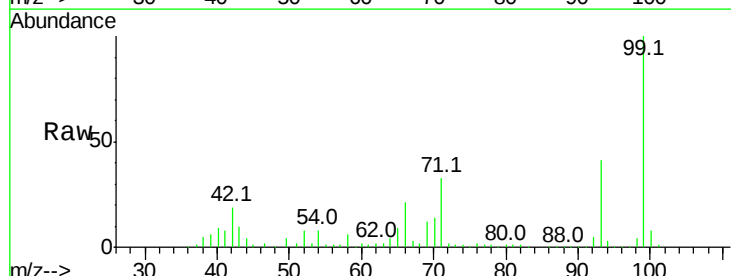
Acq: 11 Apr 2017 6:25

Tgt Ion: 93 Resp: 328921

Ion	Ratio	Lower	Upper
93	100		
66	49.8	32.9	49.3#
65	21.4	16.0	24.0

66 49.8 32.9 49.3#

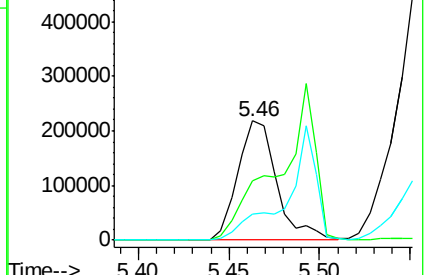
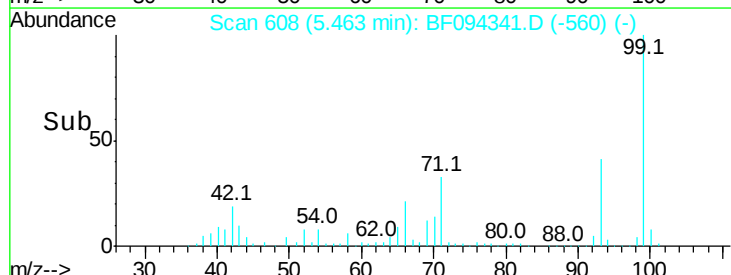
65 21.4 16.0 24.0

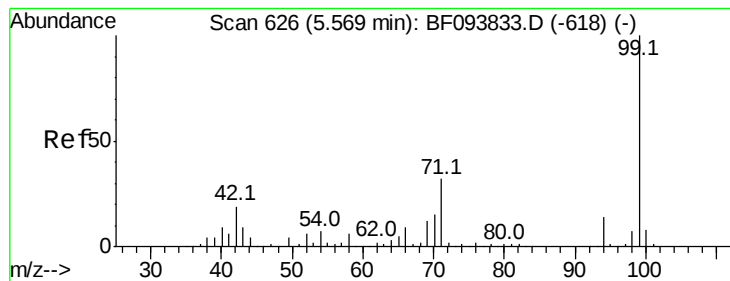


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 143.00 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

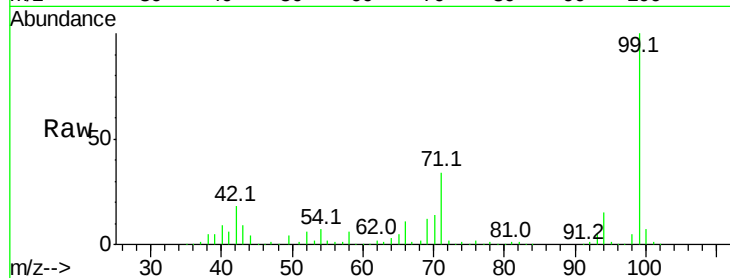
Tot Ion: 99 Resp: 1588225

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

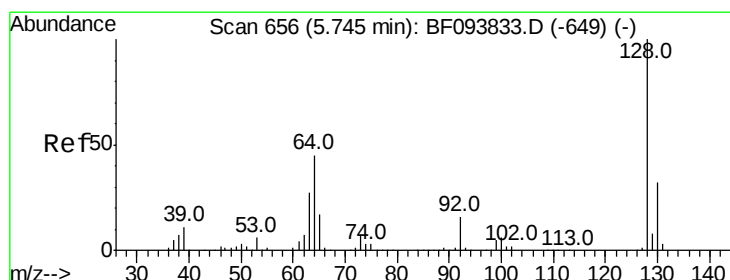
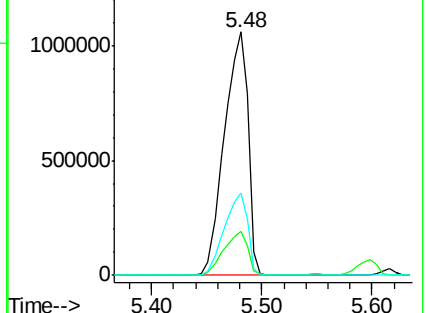
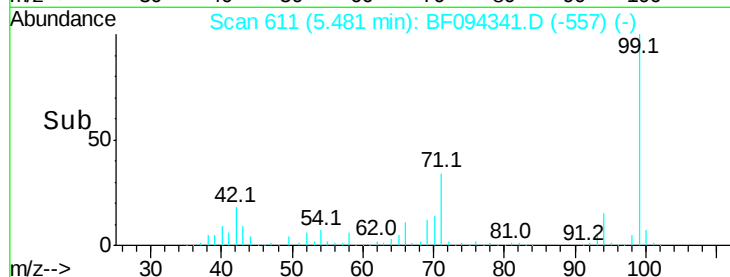
71 34.0 24.5 36.7



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: 51.38 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

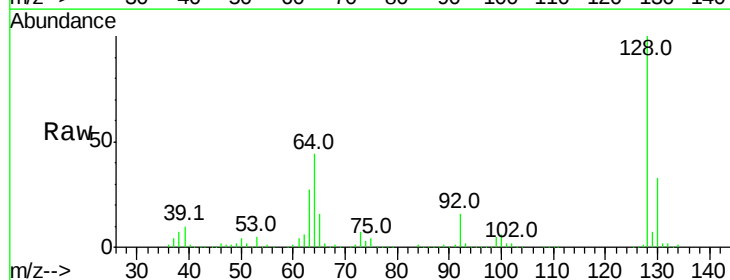
Tgt Ion:128 Resp: 507025

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

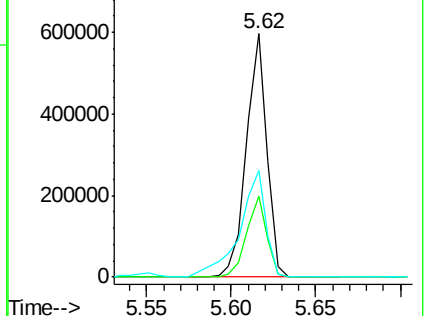
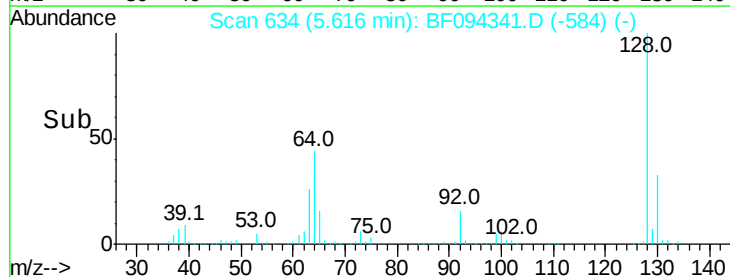
64 44.1 28.4 68.4

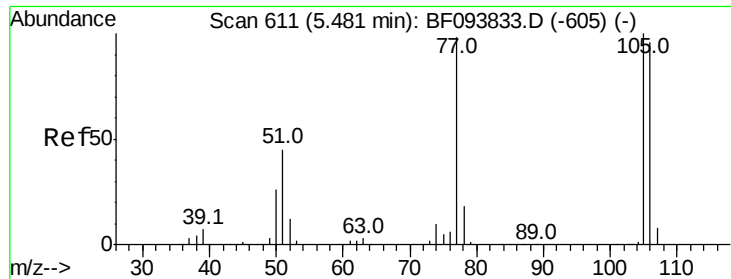


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.22 ng

RT: 5.33 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampled :

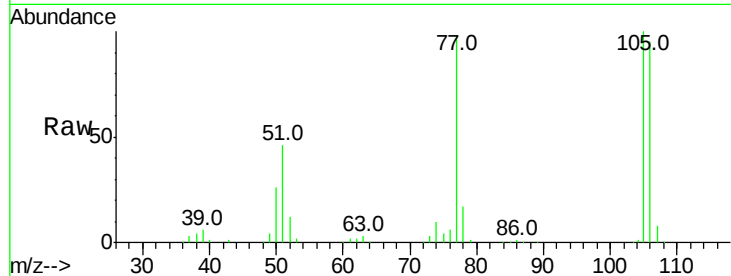
Tot Ion: 77 Resp: 189163

Ion Ratio Lower Upper

77 100

105 102.1 83.8 123.8

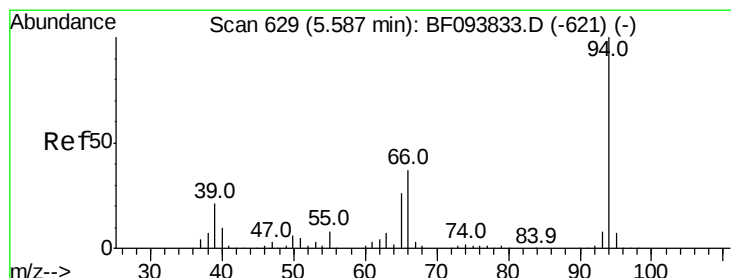
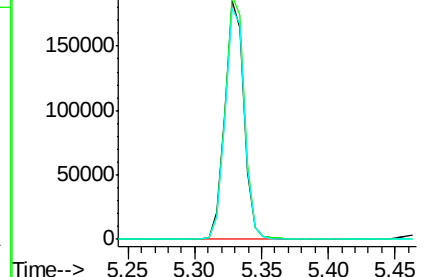
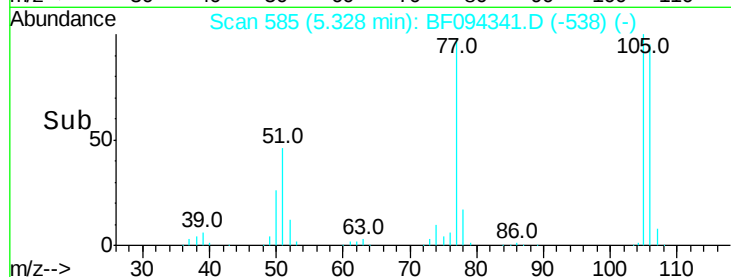
106 97.1 79.1 119.1



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: 55.22 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

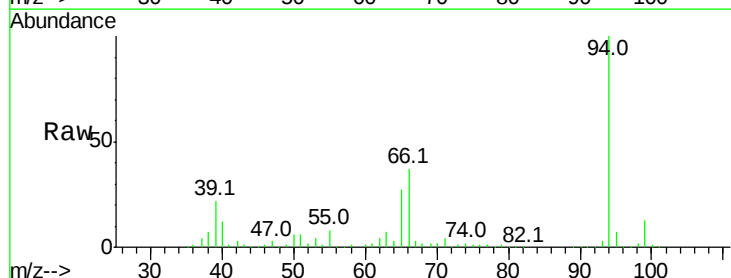
Tgt Ion: 94 Resp: 697947

Ion Ratio Lower Upper

94 100

65 27.0 9.9 49.9

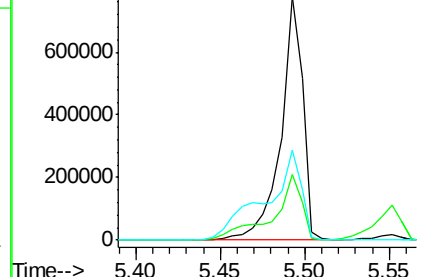
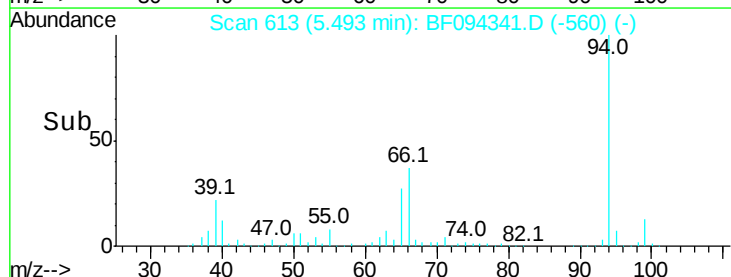
66 36.9 23.1 63.1



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



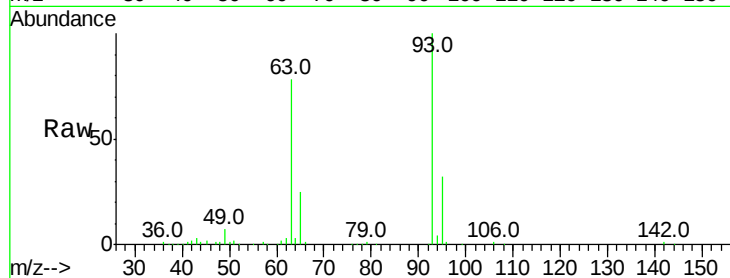


#11
 bis(2-Chloroethyl)ether
 Concen: 49.96 ng
 RT: 5.55 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

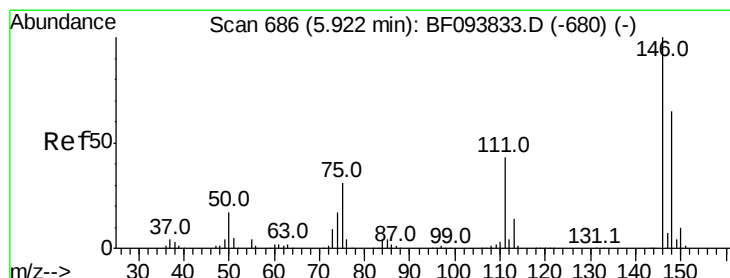
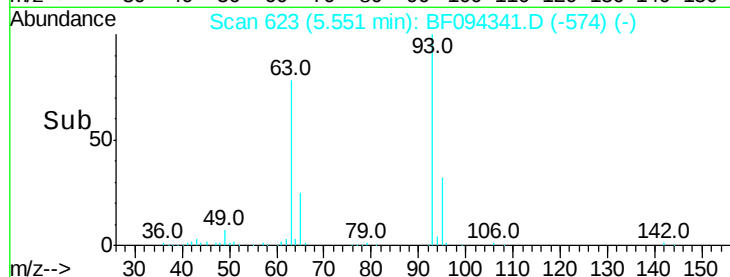
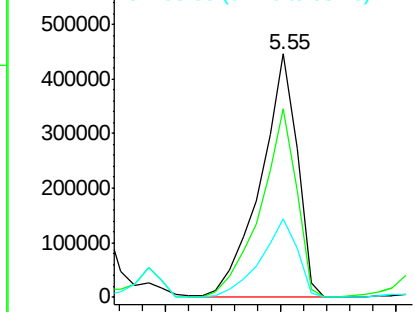
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 493469

Ion	Ratio	Lower	Upper
93	100		
63	77.6	59.2	99.2
95	32.3	12.8	52.8



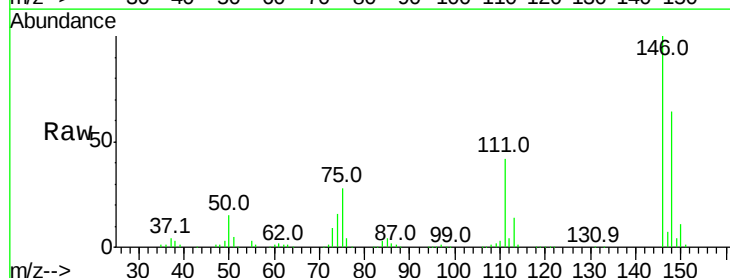
Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0



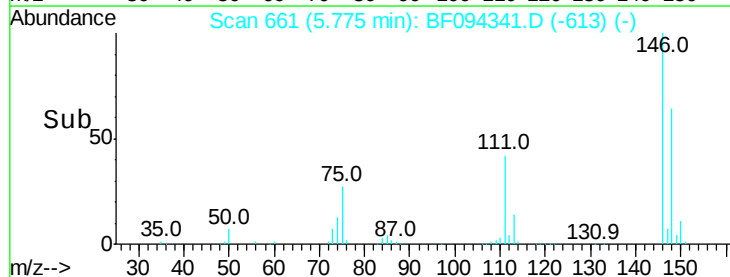
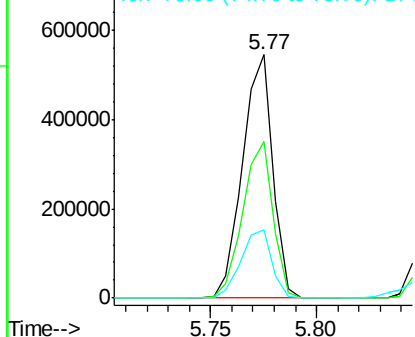
#12
 1,3-Dichlorobenzene
 Concen: 48.93 ng
 RT: 5.77 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

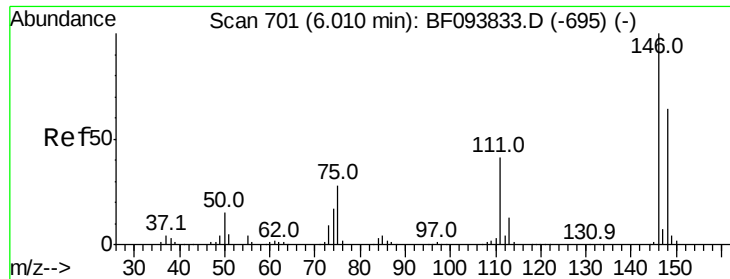
Tgt Ion: 146 Resp: 541675

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
75	28.1	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

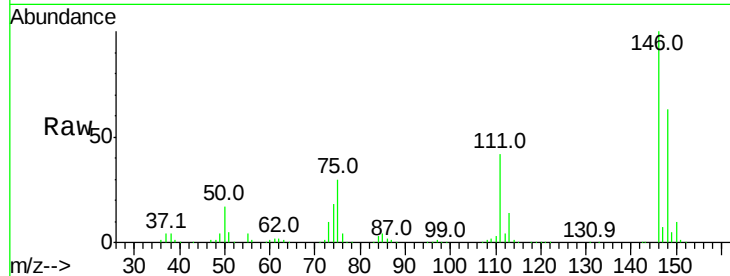




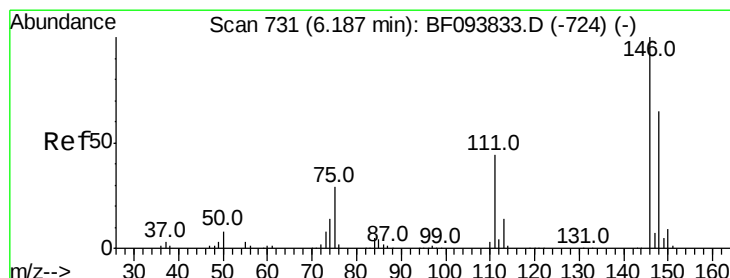
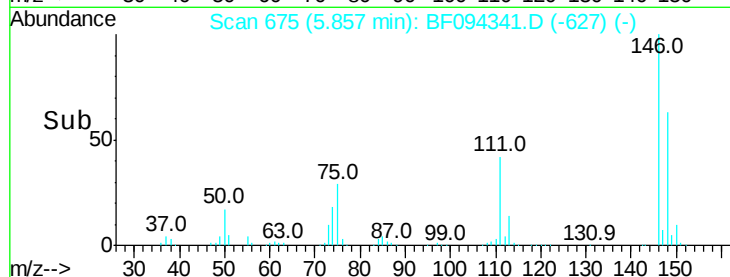
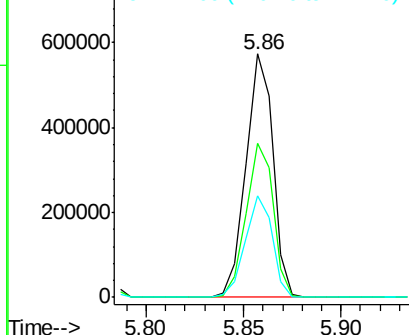
#13
 1,4-Dichlorobenzene
 Concen: 49.15 ng
 RT: 5.86 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	41.9	30.3	45.5

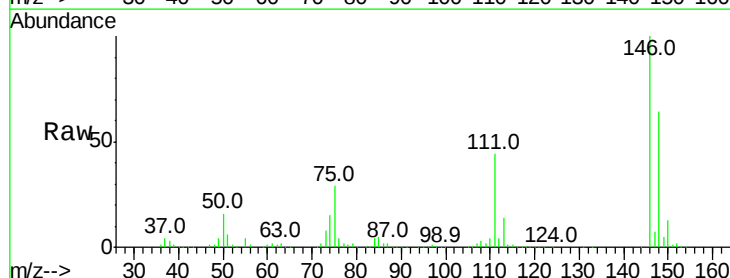


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

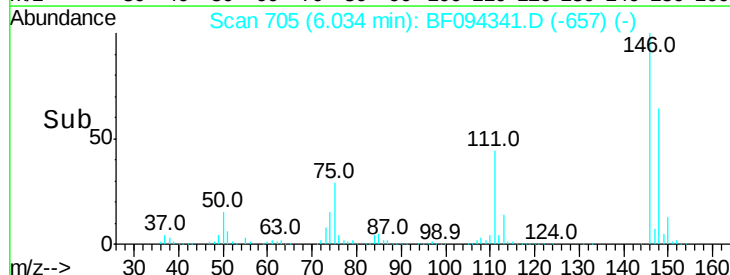
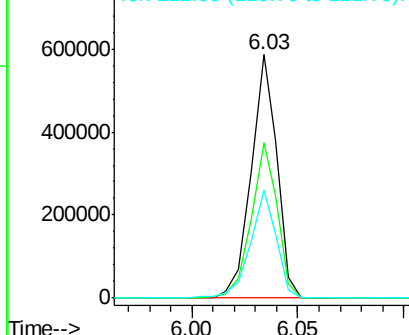


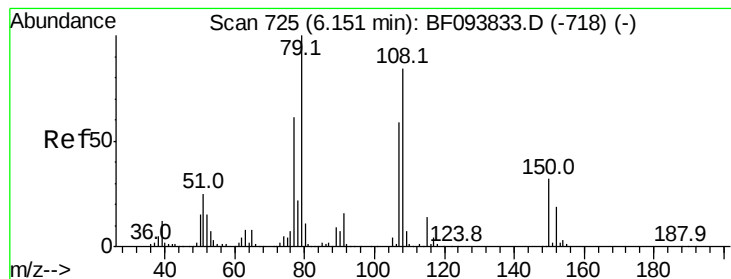
#14
 1,2-Dichlorobenzene
 Concen: 48.27 ng
 RT: 6.03 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	44.3	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: 47.89 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampled :

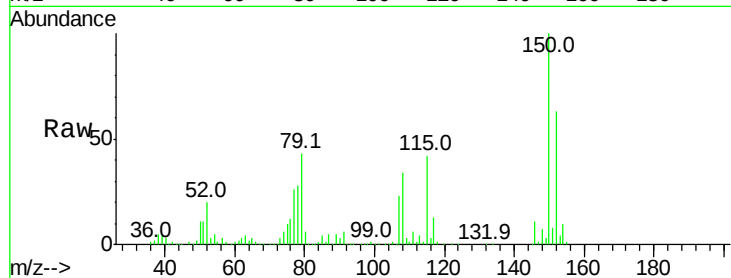
Tot Ion: 79 Resp: 389338

Ion Ratio Lower Upper

79 100

108 79.5 63.4 95.0

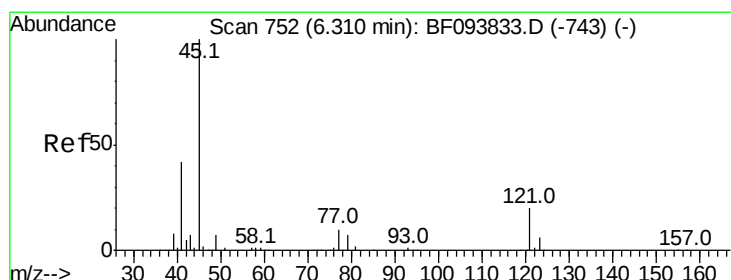
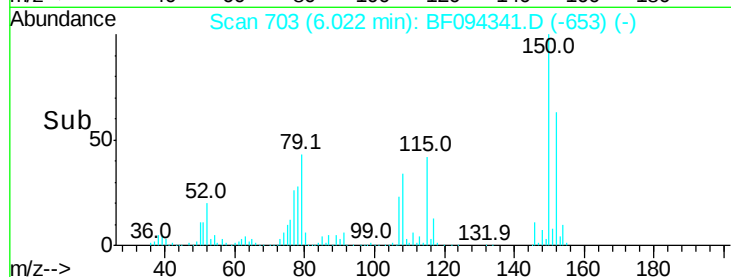
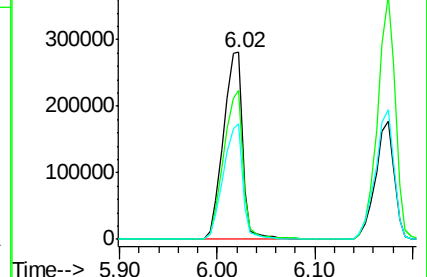
77 62.1 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.94 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

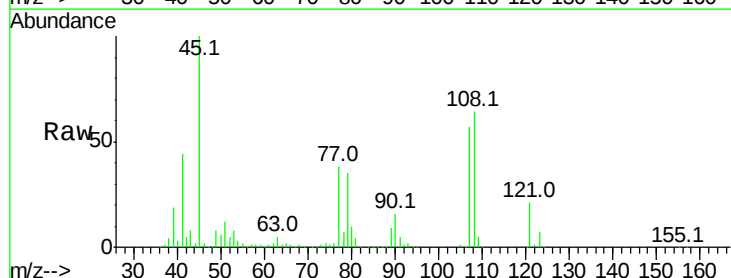
Tgt Ion: 45 Resp: 638364

Ion Ratio Lower Upper

45 100

77 38.2 0.0 33.2#

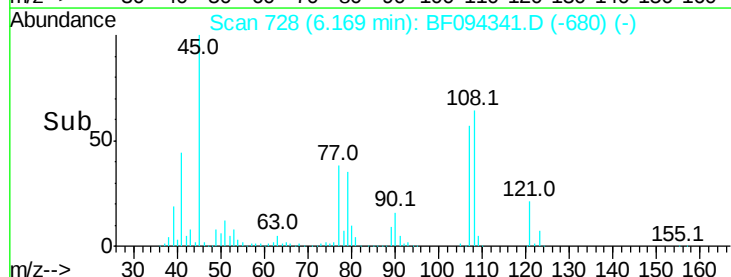
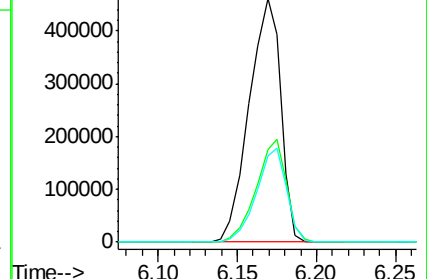
79 35.2 0.0 30.0#

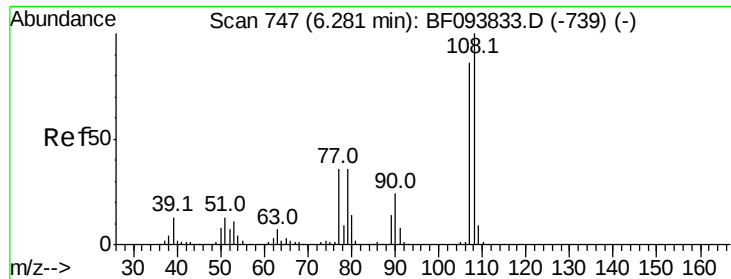


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 48.22 ng

RT: 6.17 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 407568

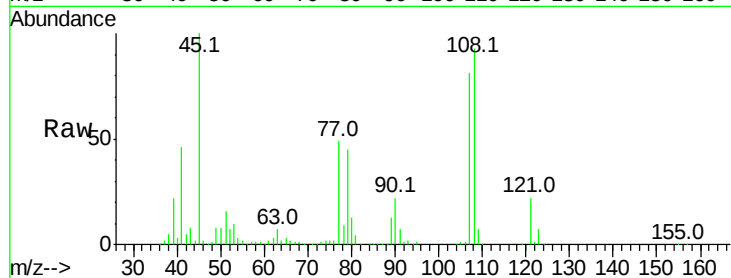
Ion Ratio Lower Upper

107 100

108 114.5 93.4 140.0

77 60.8 35.8 53.6#

79 55.3 34.8 52.2#

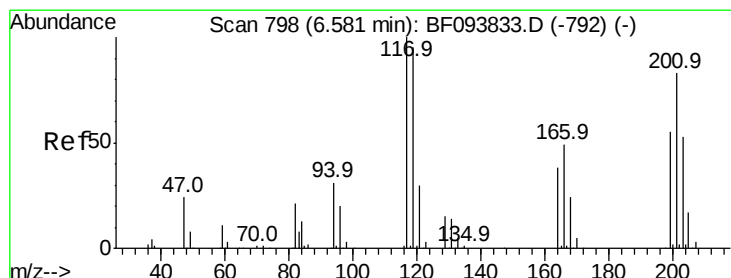
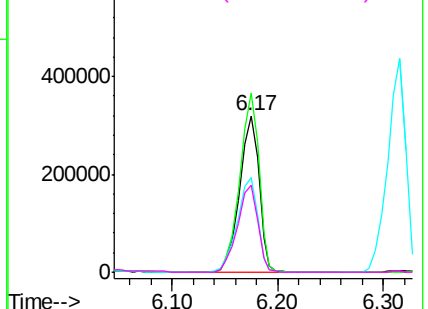
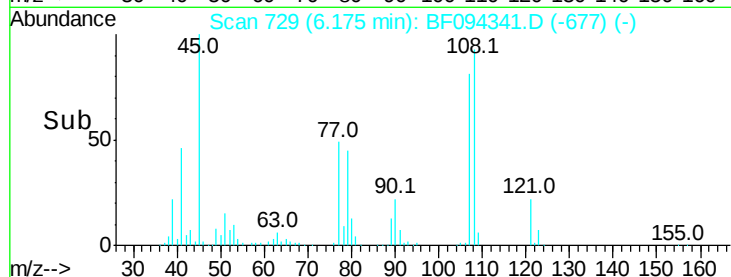


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.54 ng

RT: 6.42 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

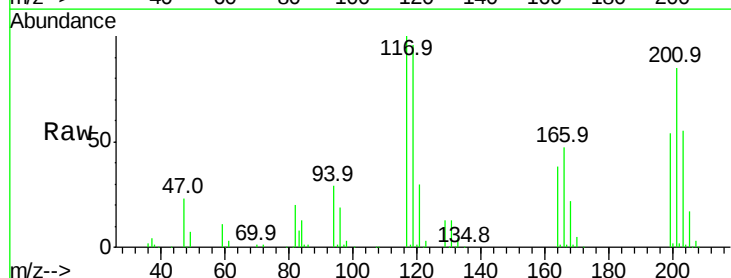
Tgt Ion:117 Resp: 191273

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

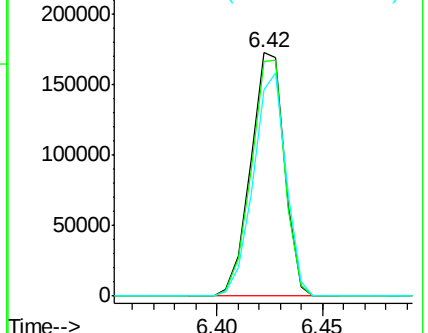
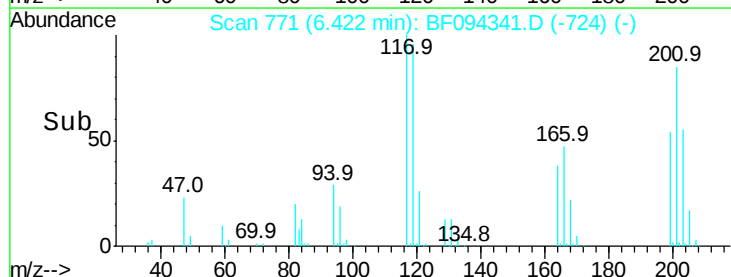
201 85.0 94.6 141.8#



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: 51.45 ng

RT: 6.33 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 367260

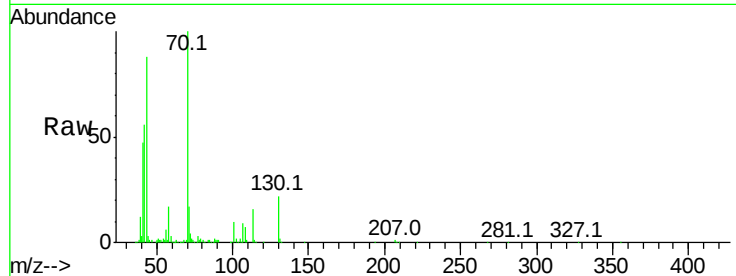
Ion Ratio Lower Upper

70 100

42 56.0 47.2 70.8

101 9.8 7.2 10.8

130 21.7 15.9 23.9

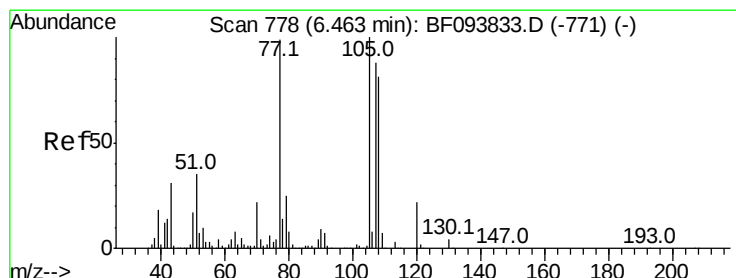
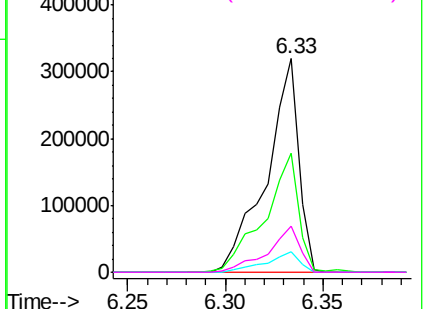
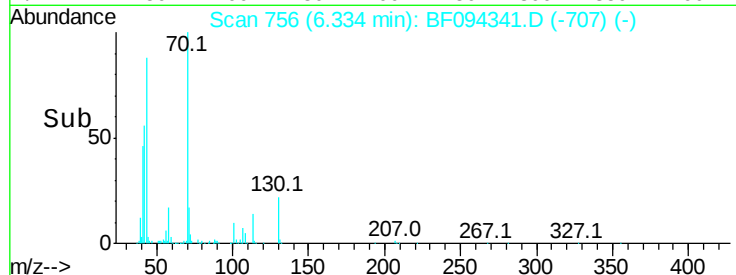


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 55.30 ng

RT: 6.36 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Tgt Ion: 107 Resp: 565998

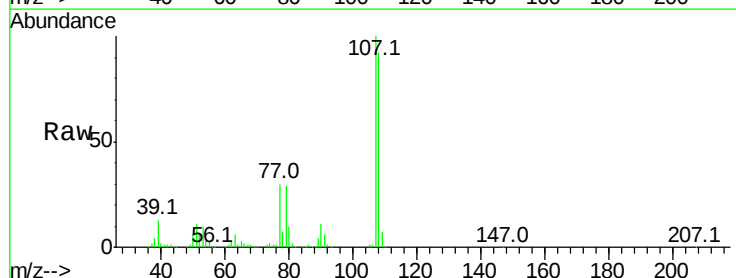
Ion Ratio Lower Upper

107 100

108 92.1 71.0 111.0

77 30.4 90.5 130.5#

79 28.7 8.4 48.4

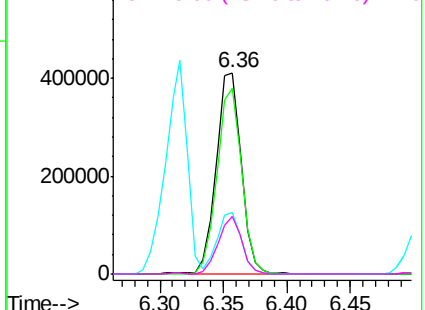
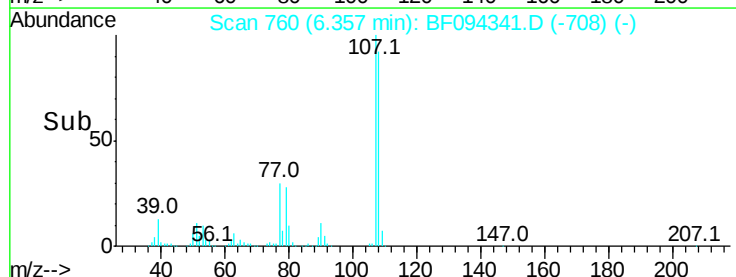


Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

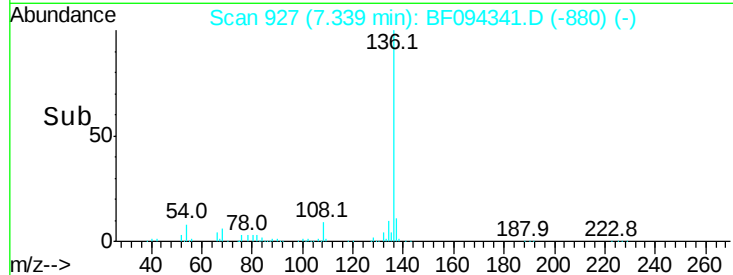
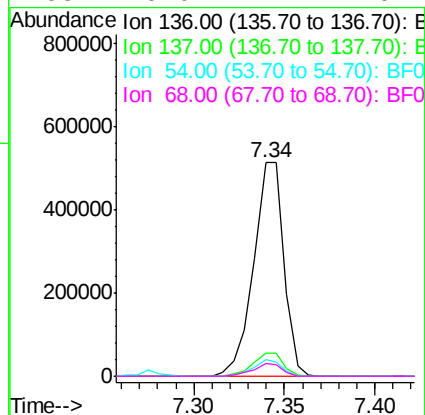
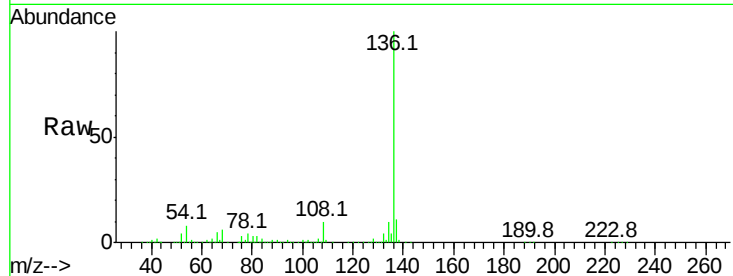




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

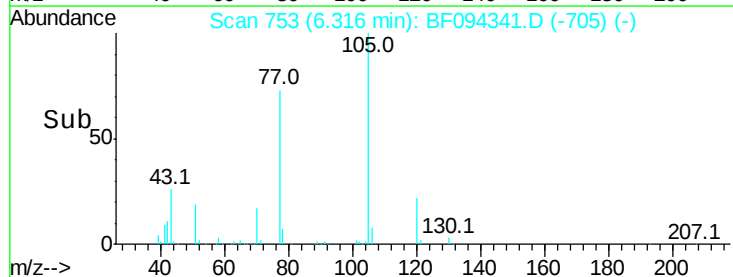
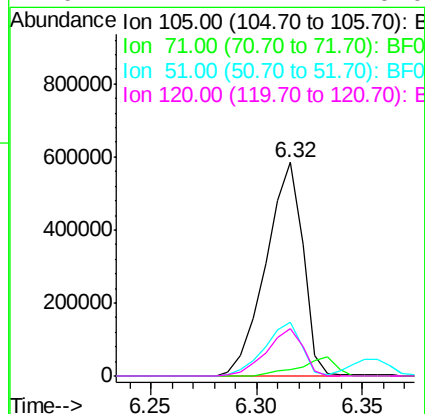
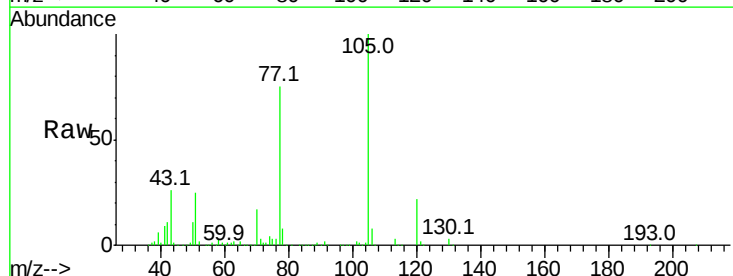
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 596064
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 8.0	4.9 7.3#
68 6.0	4.1 6.1



#22
Acetophenone
Concen: 53.80 ng
RT: 6.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:105	Resp: 714720
Ion Ratio	Lower Upper
105 100	
71 2.8	2.8 4.2#
51 25.1	30.7 46.1#
120 22.4	17.4 26.0

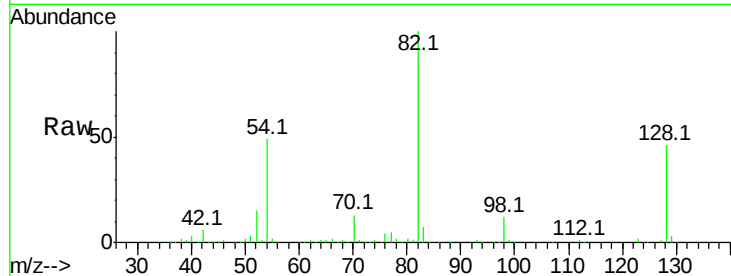




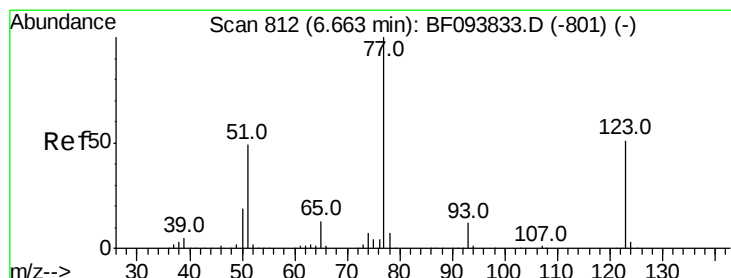
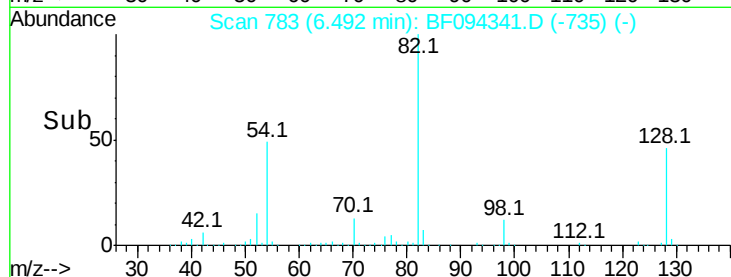
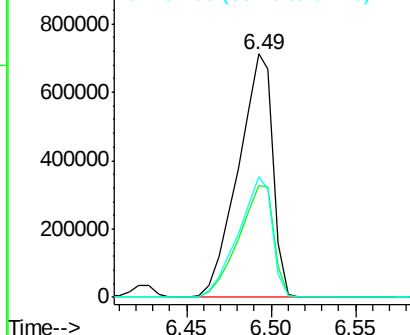
#23
Nitrobenzene-d5
Concen: 97.10 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1014132
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 49.4 42.2 63.2

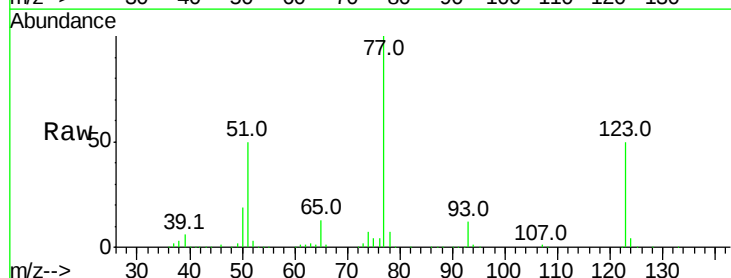


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

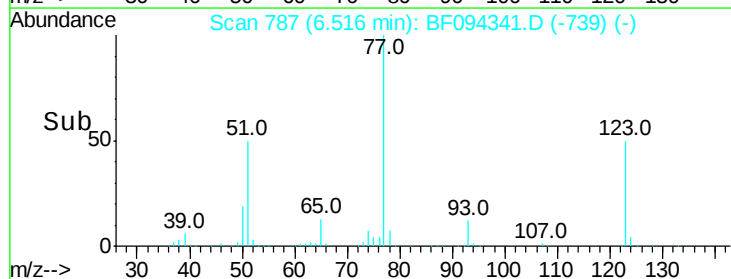
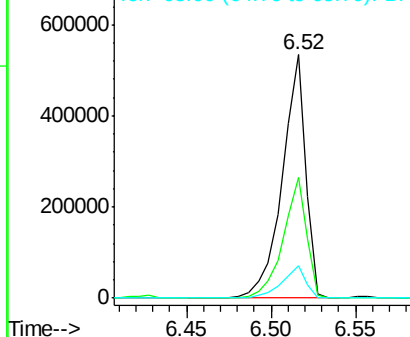


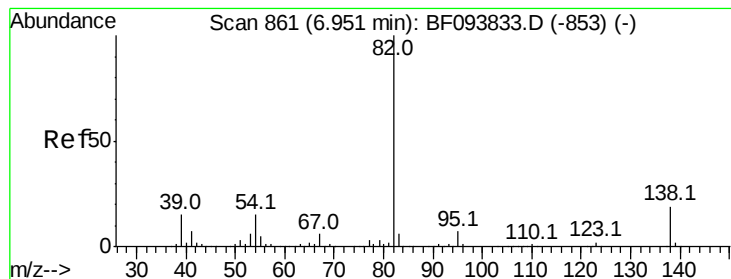
#24
Nitrobenzene
Concen: 50.25 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion: 77 Resp: 517620
Ion Ratio Lower Upper
77 100
123 49.8 35.8 53.8
65 13.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.96 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

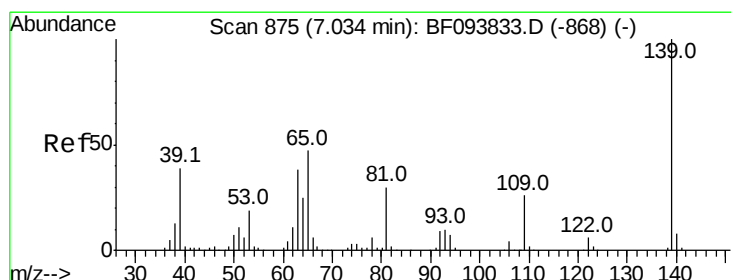
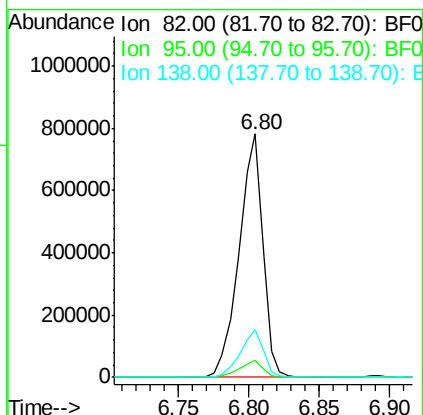
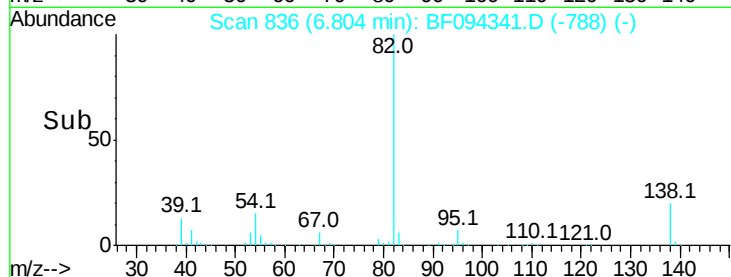
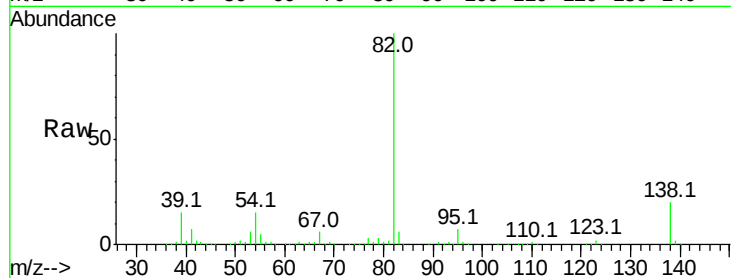
Tot Ion: 82 Resp: 916993

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.9 13.1 19.7#



#26

2-Nitrophenol

Concen: 57.87 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

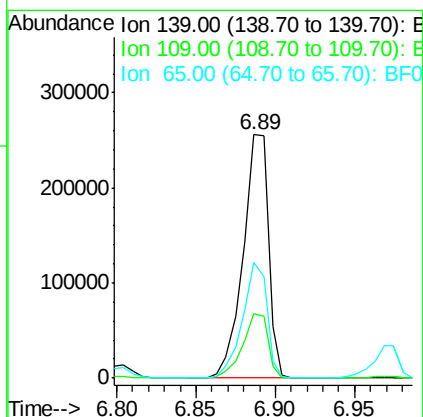
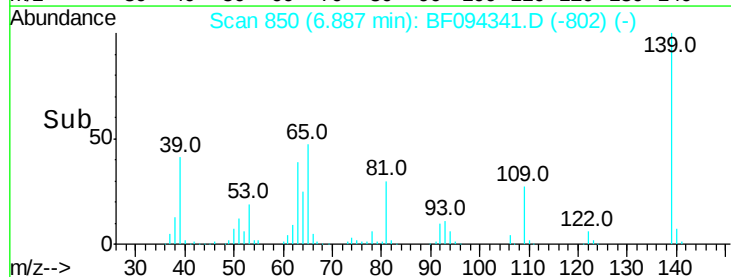
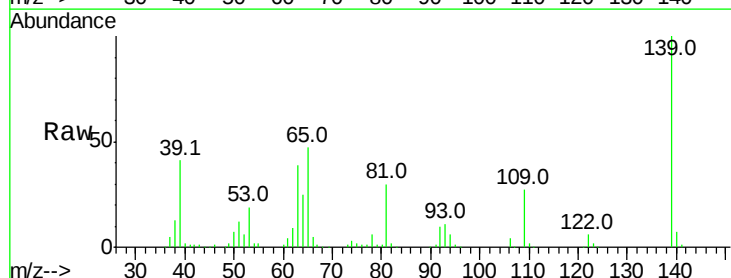
Tgt Ion:139 Resp: 284294

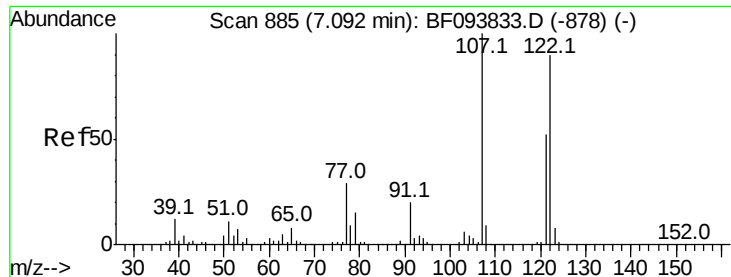
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 47.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 52.76 ng

RT: 6.97 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

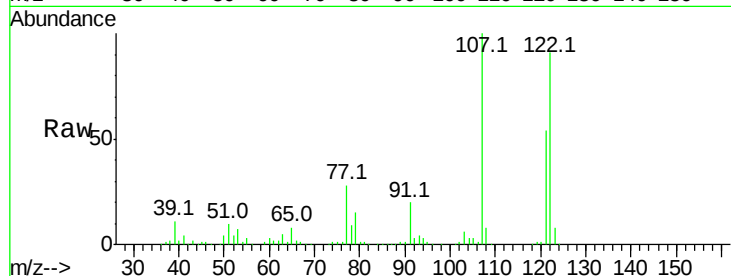
Tot Ion:122 Resp: 446552

Ion Ratio Lower Upper

122 100

107 110.1 89.2 133.8

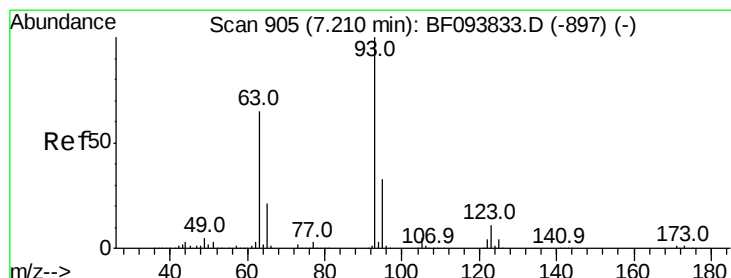
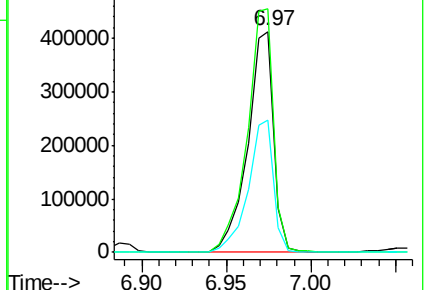
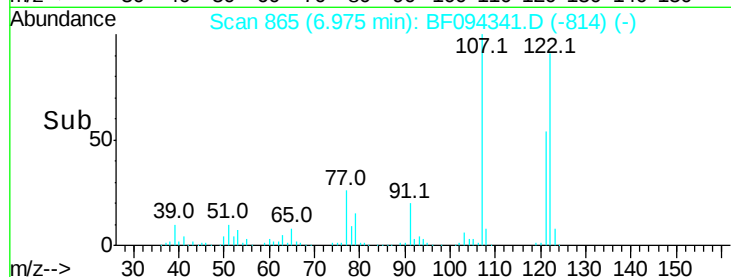
121 59.8 45.2 67.8



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: 49.69 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

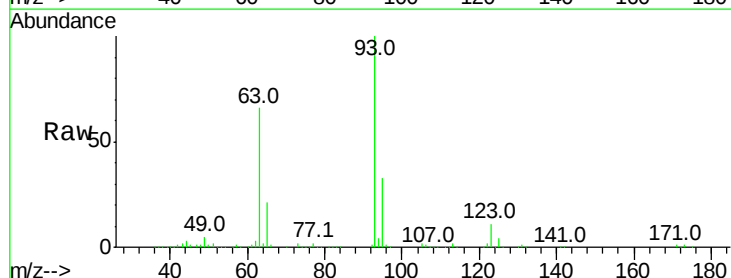
Tgt Ion: 93 Resp: 601355

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

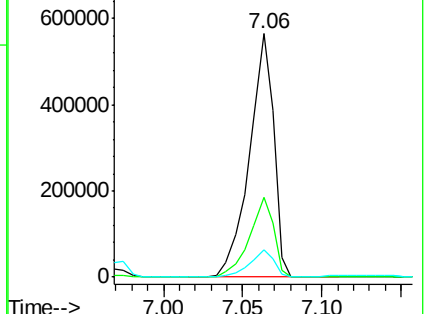
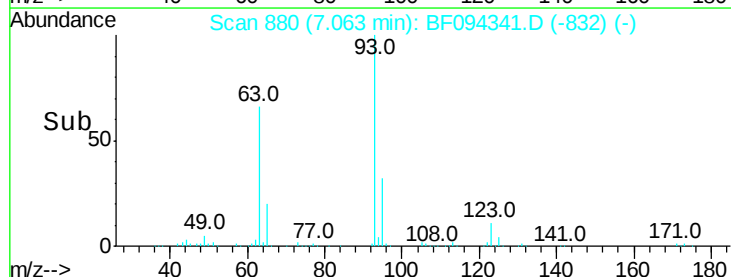
123 11.3 9.0 13.4

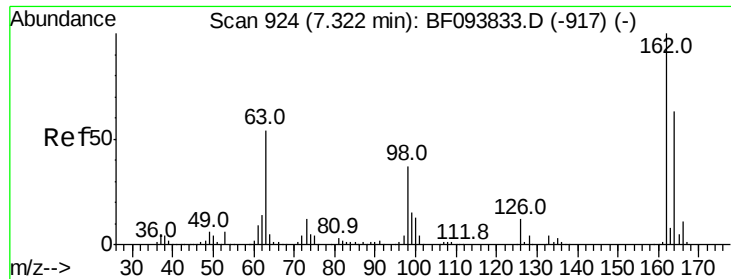


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

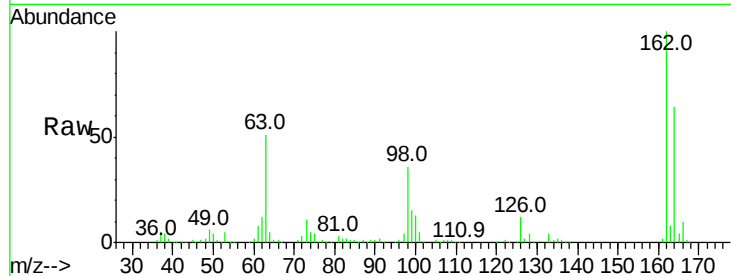




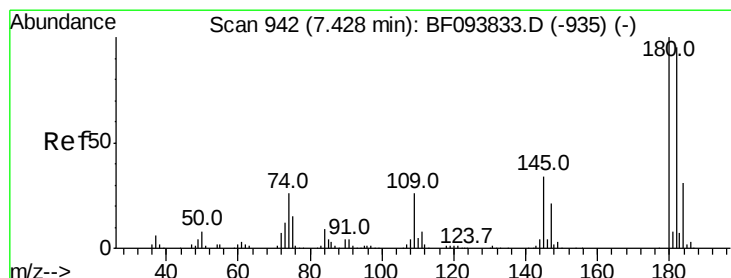
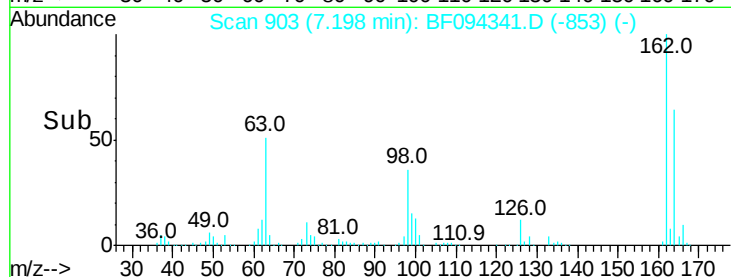
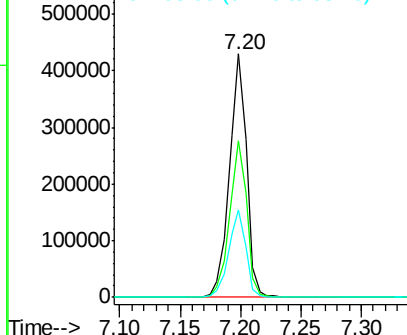
#29
 2,4-Dichlorophenol
 Concen: 53.60 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	36.1	14.8	54.8

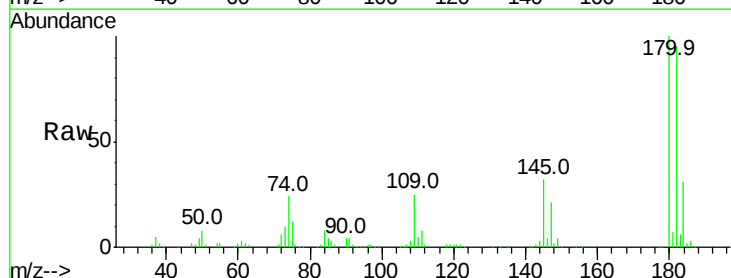


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

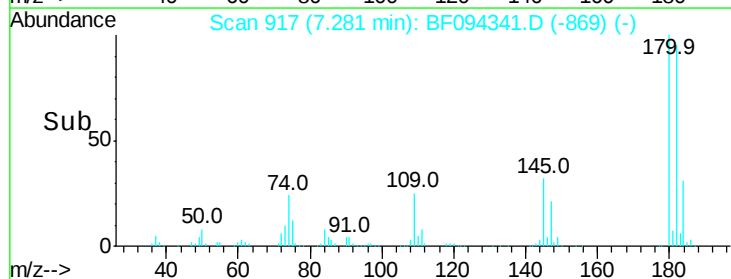
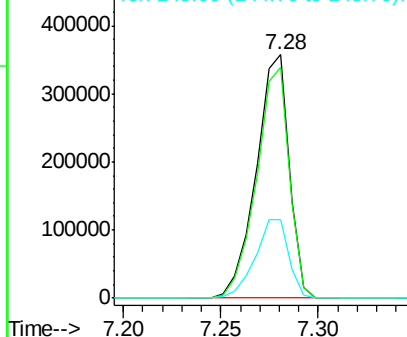


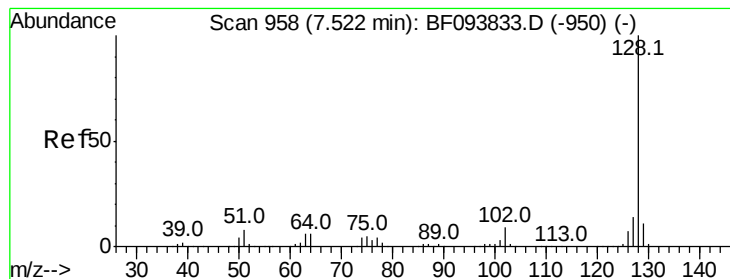
#30
 1,2,4-Trichlorobenzene
 Concen: 51.19 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	32.4	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: 48.87 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

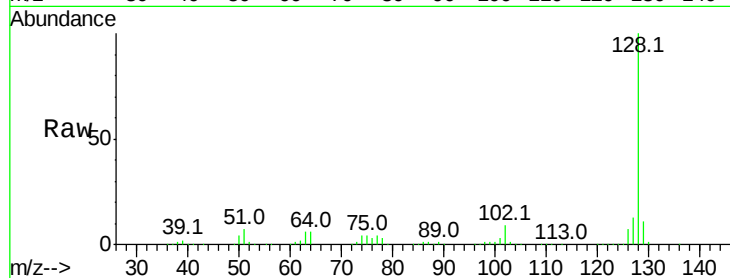
Tot Ion:128 Resp: 1400738

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

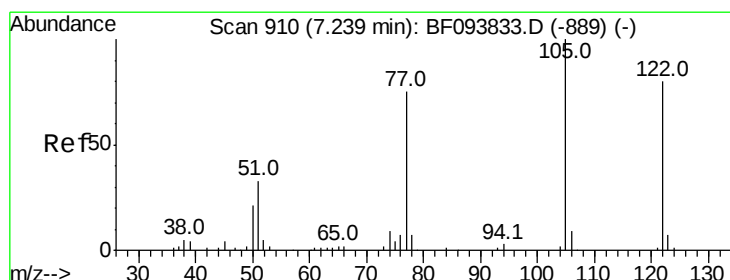
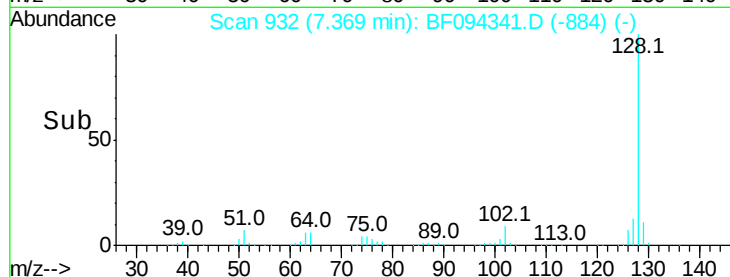
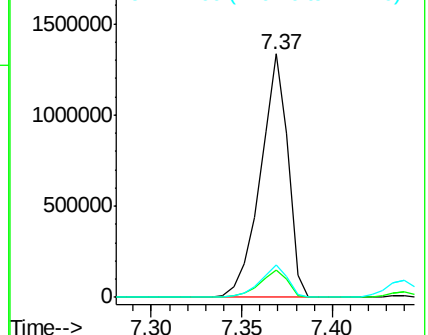
127 13.5 10.8 16.2



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: 33.69 ng

RT: 7.14 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

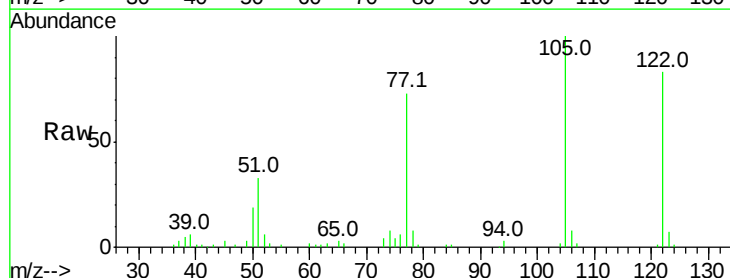
Tgt Ion:122 Resp: 189844

Ion Ratio Lower Upper

122 100

105 120.4 103.3 143.3

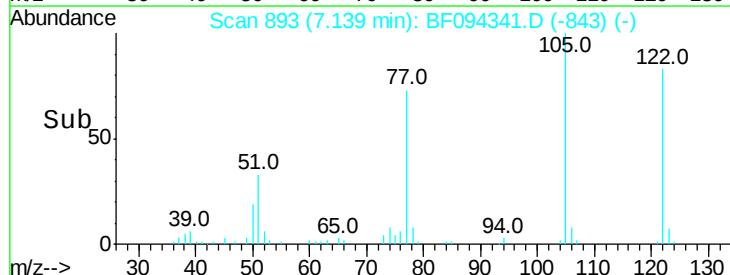
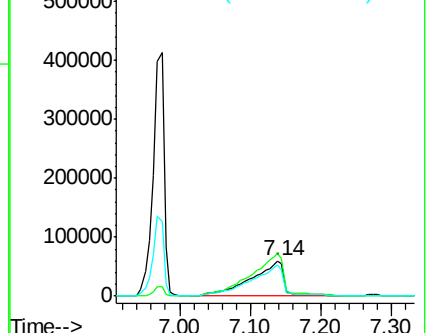
77 88.4 73.7 113.7

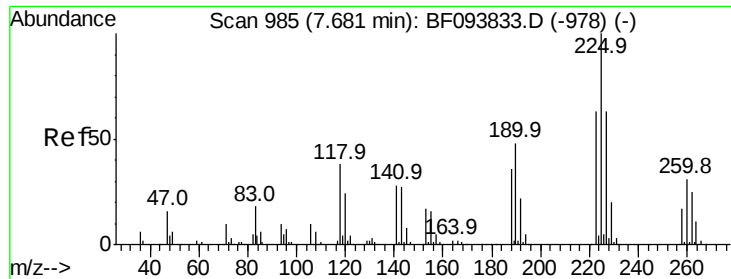


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

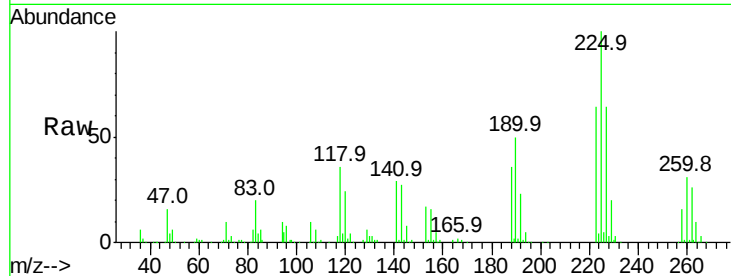




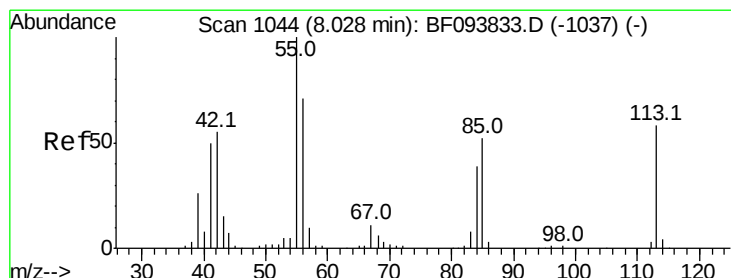
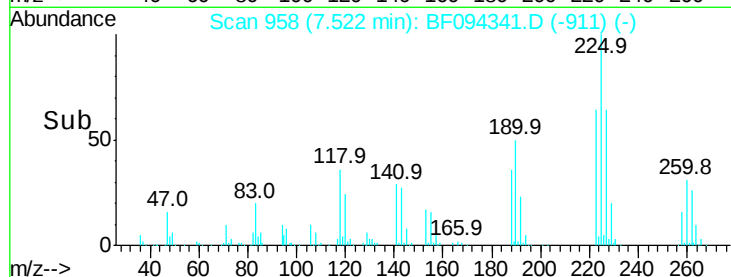
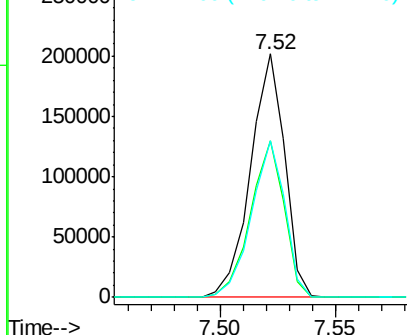
#34
Hexachlorobutadiene
Concen: 49.73 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 207895
Ion Ratio Lower Upper
225 100
223 64.5 48.8 73.2
227 64.5 51.1 76.7

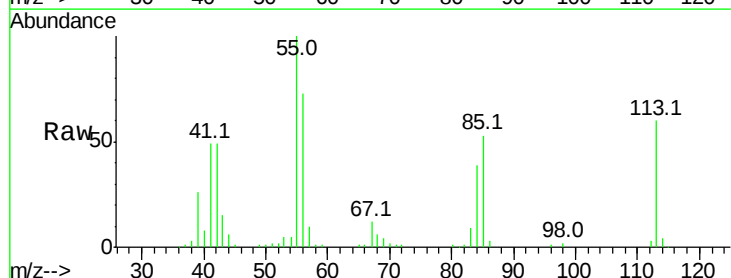


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

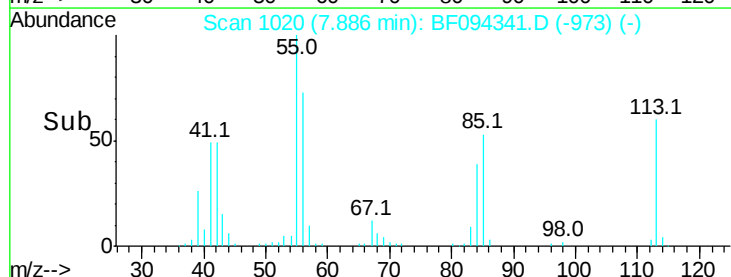
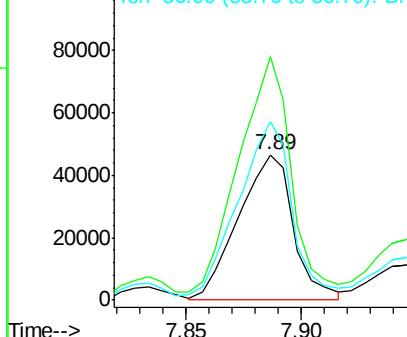


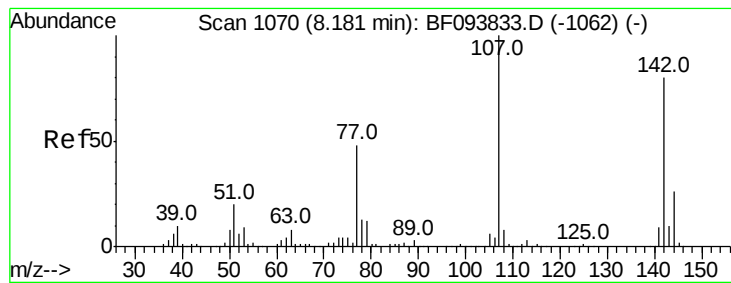
#35
Caprolactam
Concen: 30.77 ng
RT: 7.89 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:113 Resp: 77652
Ion Ratio Lower Upper
113 100
55 167.9 150.2 190.2
56 122.6 107.8 147.8



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: 52.22 ng

RT: 8.08 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

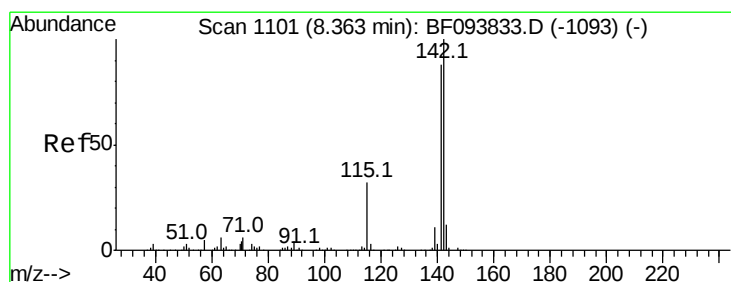
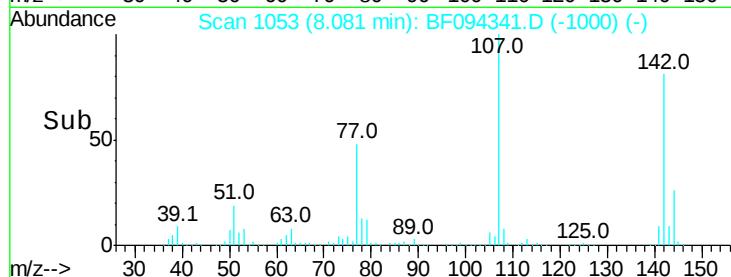
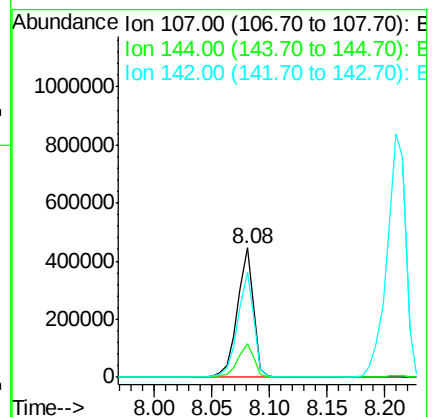
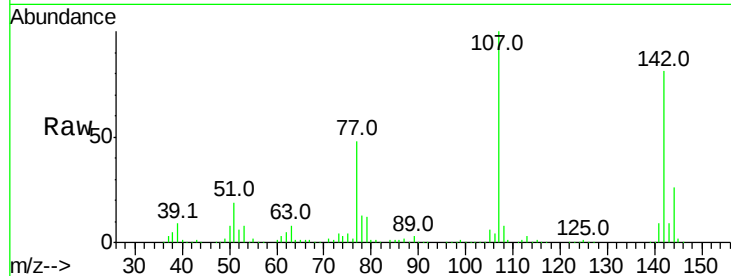
Tot Ion:107 Resp: 431873

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

142 81.0 73.4 110.0



#37

2-Methylnaphthalene

Concen: 50.10 ng

RT: 8.21 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

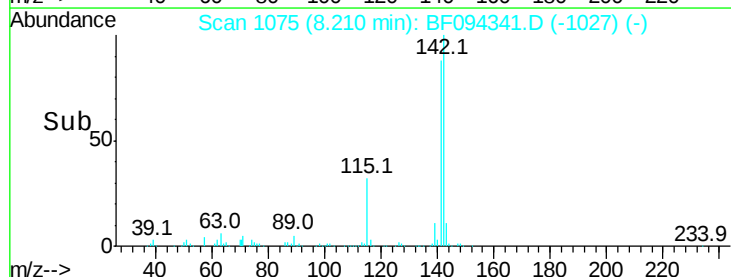
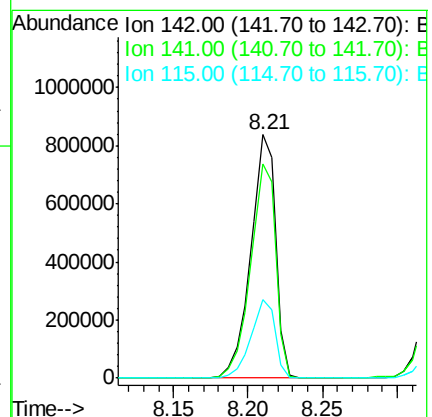
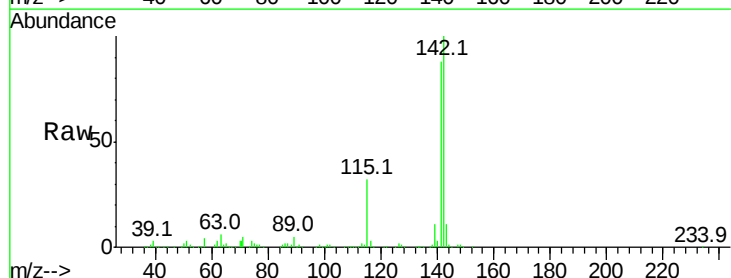
Tgt Ion:142 Resp: 957198

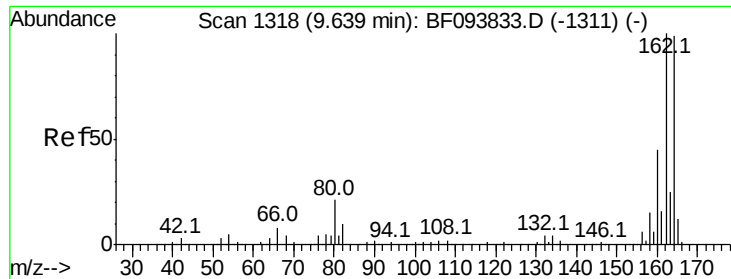
Ion Ratio Lower Upper

142 100

141 88.1 71.3 106.9

115 32.4 27.1 40.7

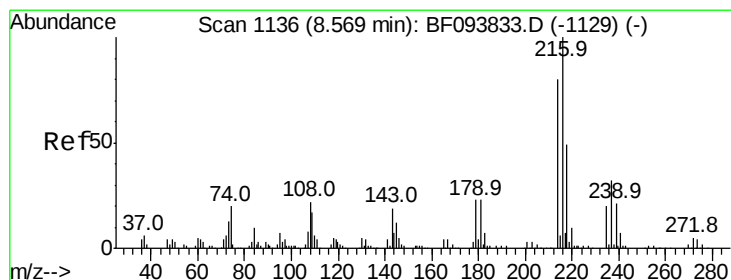
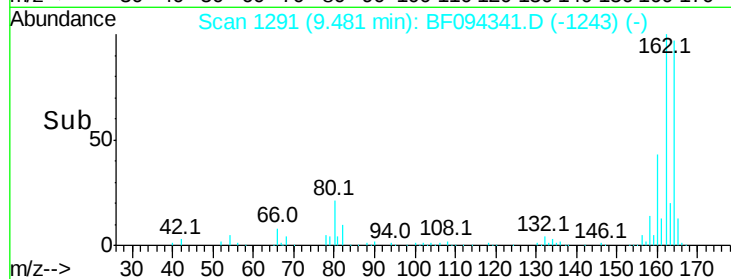
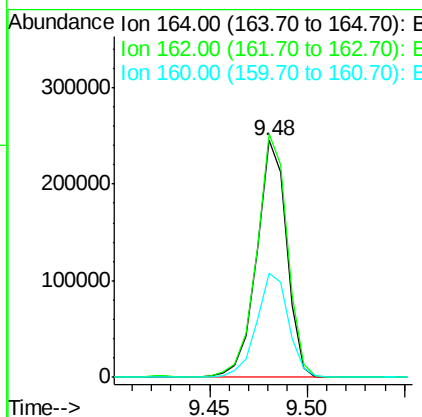
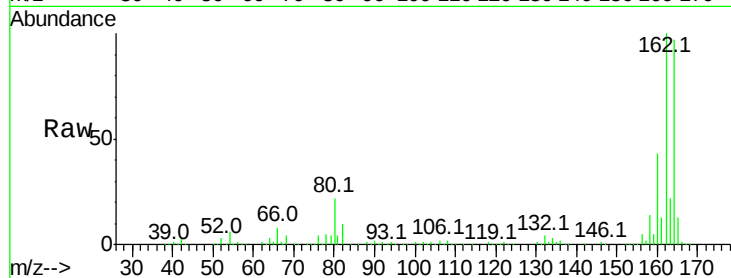




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

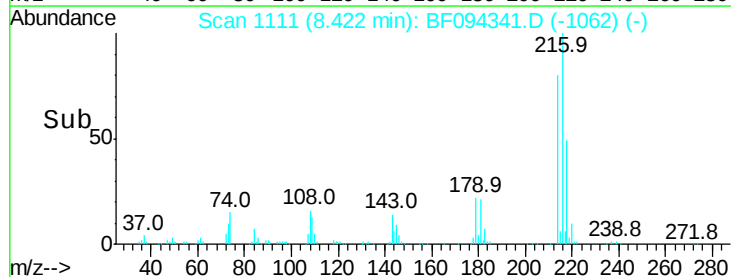
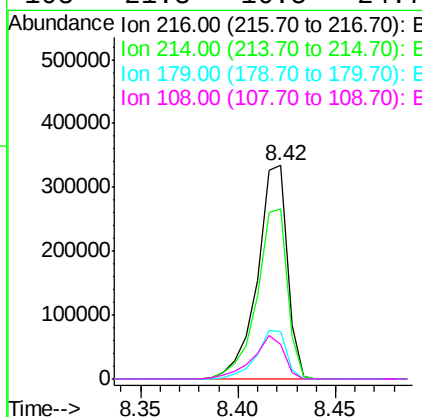
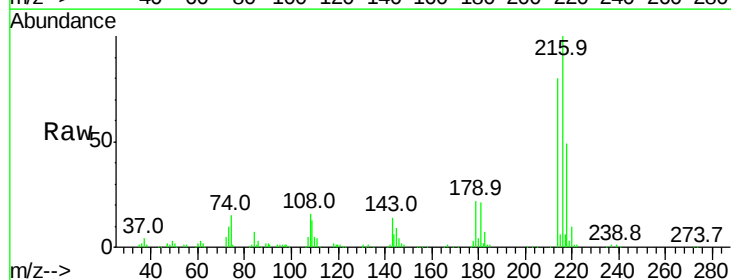
Instrument :
 BNA_F
 ClientSampleId :

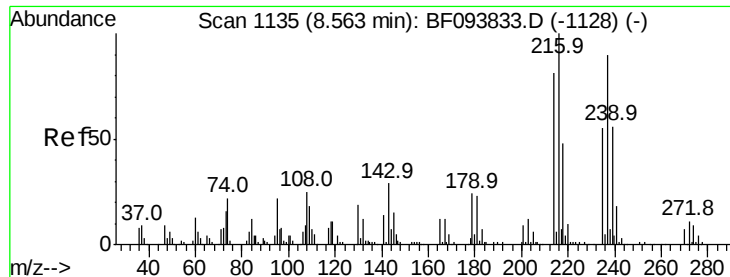
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.0	36.2	54.2



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.18 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.4	95.2
179	22.8	17.9	26.9
108	21.3	16.5	24.7

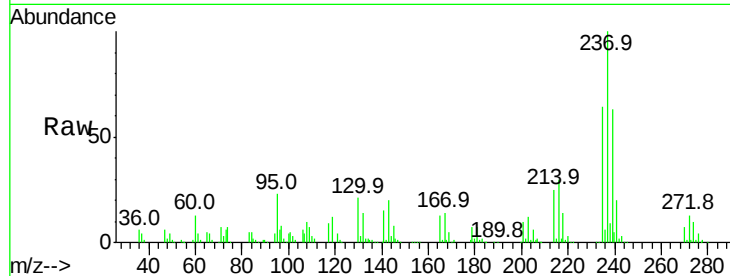




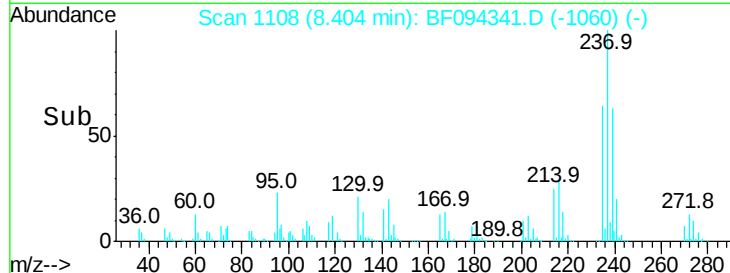
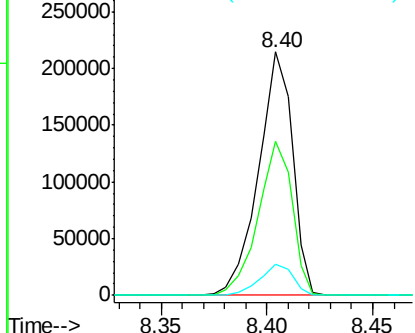
#40
Hexachlorocyclopentadiene
Concen: 72.26 ng
RT: 8.40 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 240555
Ion Ratio Lower Upper
237 100
235 63.5 42.6 82.6
272 13.0 0.0 31.9

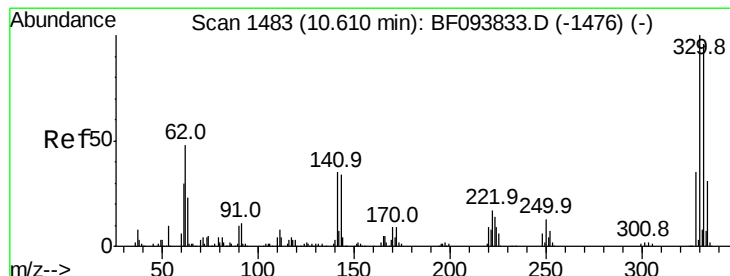


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

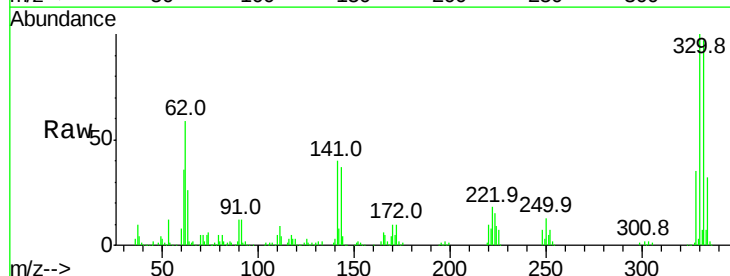
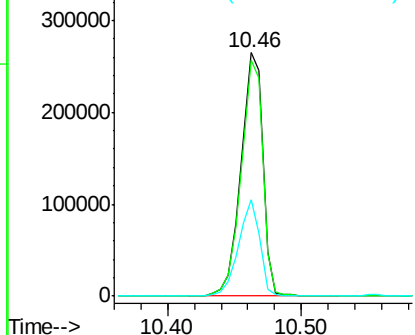


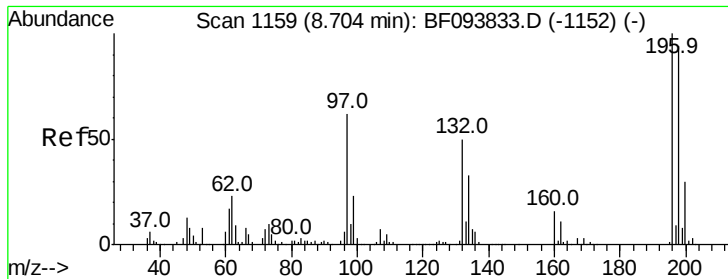
#41
2,4,6-Tribromophenol
Concen: 147.04 ng
RT: 10.46 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:330 Resp: 302165
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 38.8 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

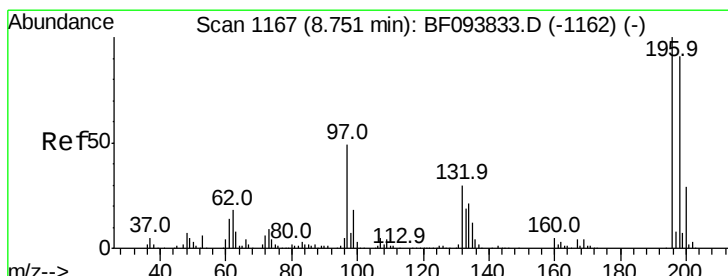
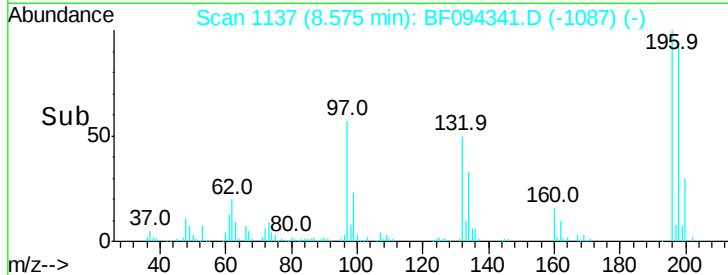
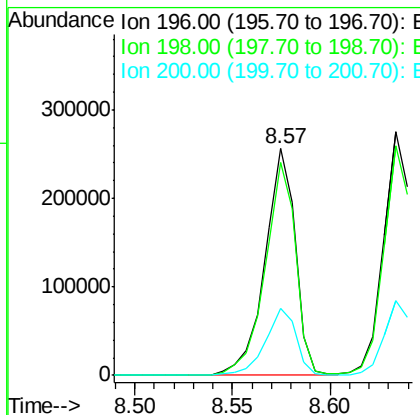
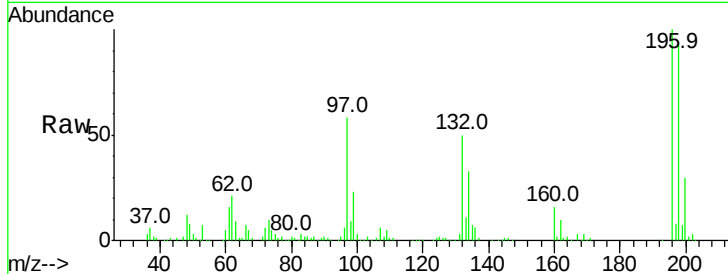




#42
 2,4,6-Trichlorophenol
 Concen: 54.96 ng
 RT: 8.57 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

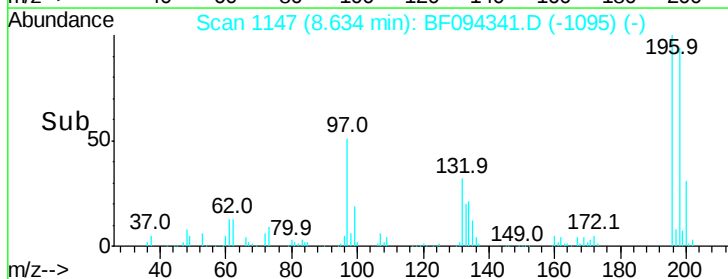
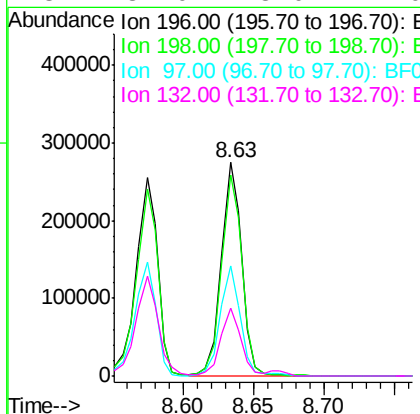
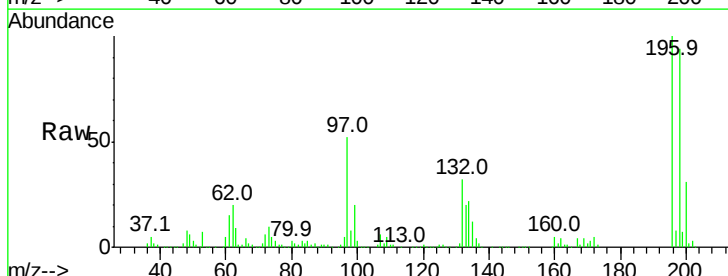
Instrument :
 BNA_F
 ClientSampled :

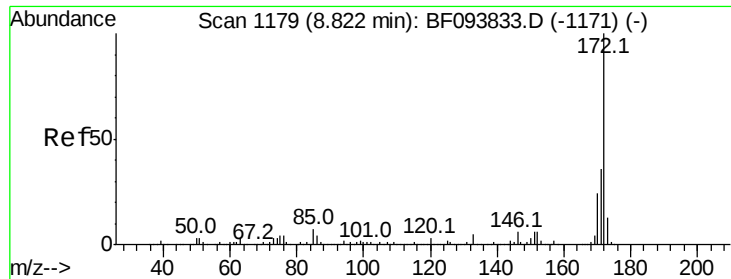
Tot Ion:196 Resp: 276621
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.4
 200 29.5 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 50.54 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion:196 Resp: 275261
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 97 51.8 47.7 71.5
 132 32.0 28.0 42.0

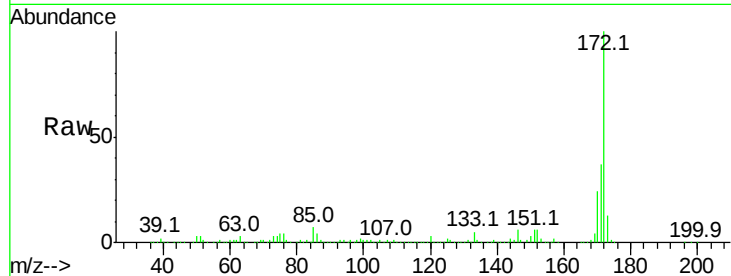




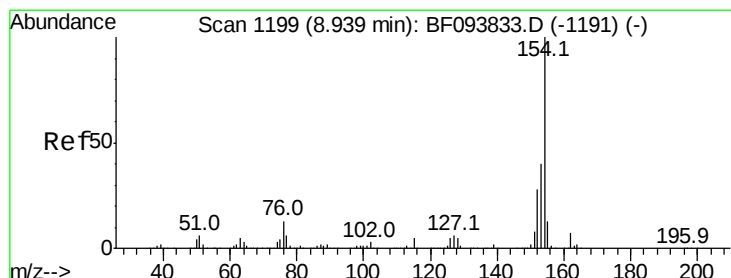
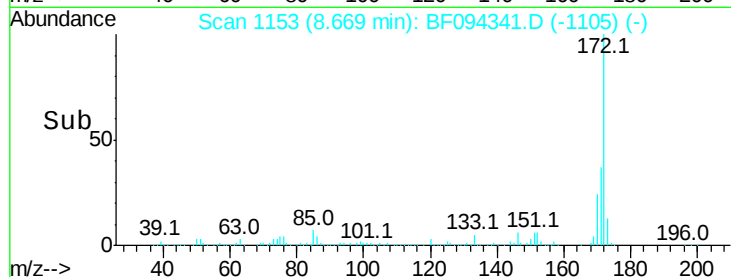
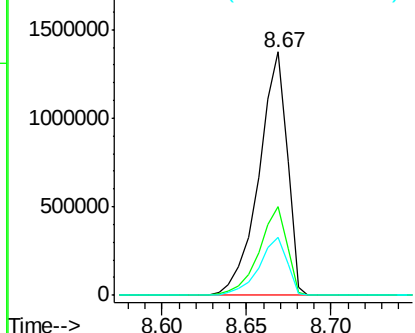
#44
2-Fluorobiphenyl
Concen: 93.31 ng
RT: 8.67 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1590860
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.9 19.8 29.8

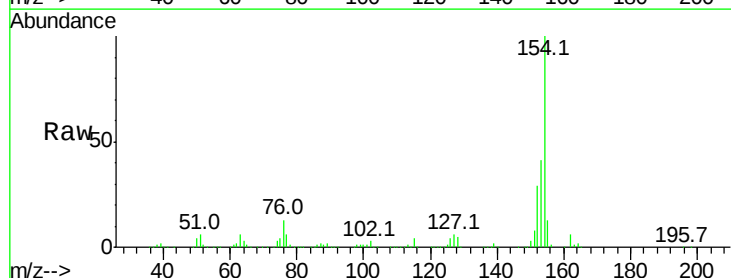


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

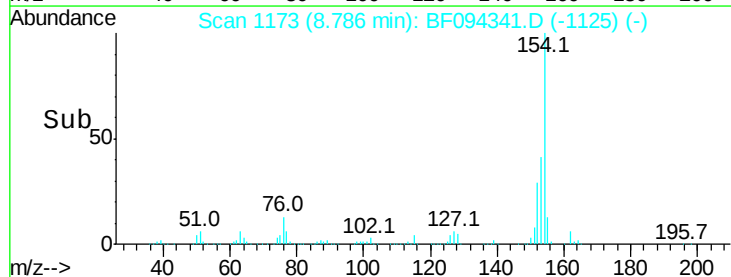
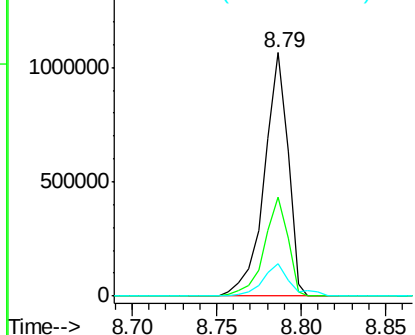


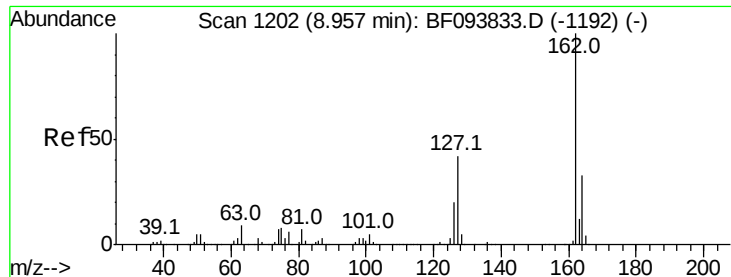
#45
1,1'-Biphenyl
Concen: 49.31 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:154 Resp: 1034355
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 13.3 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

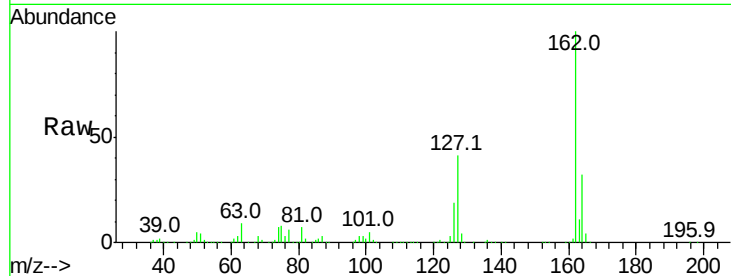




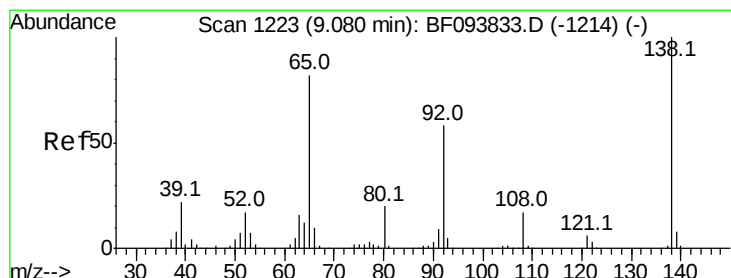
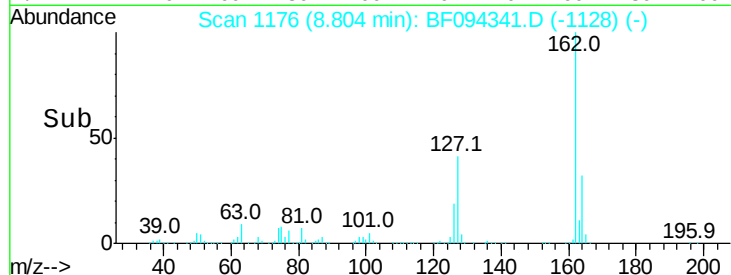
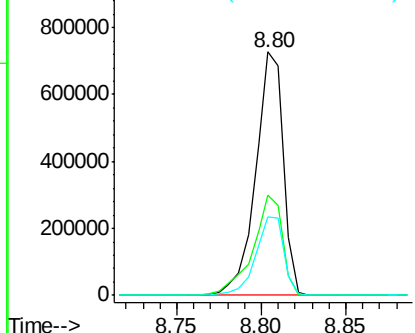
#46
 2-Chloronaphthalene
 Concen: 50.41 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:162 Resp: 827611
 Ion Ratio Lower Upper
 162 100
 127 41.2 28.3 42.5
 164 32.5 27.0 40.4

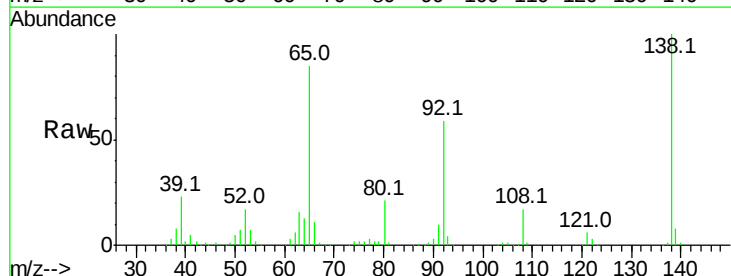


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

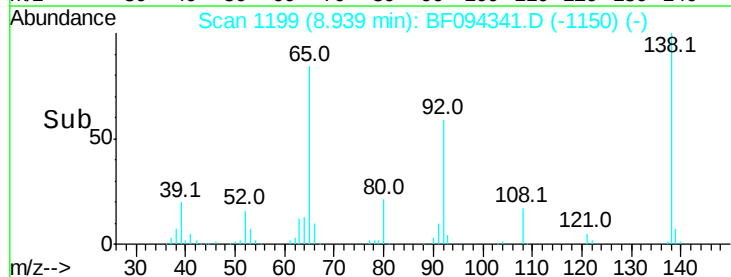
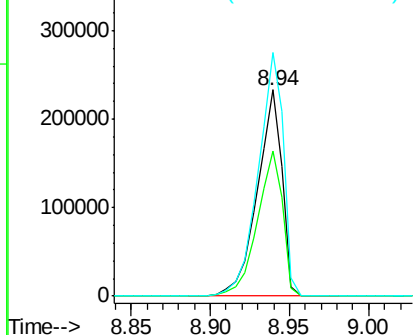


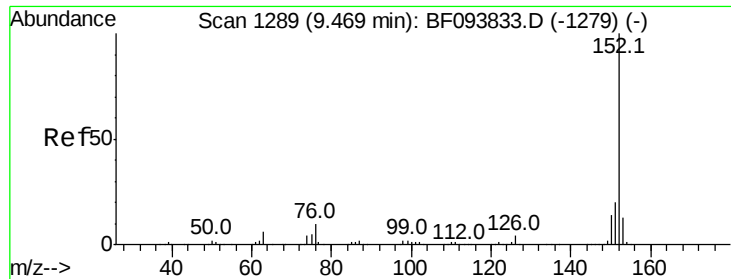
#47
 2-Nitroaniline
 Concen: 52.19 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion: 65 Resp: 254196
 Ion Ratio Lower Upper
 65 100
 92 70.0 53.9 80.9
 138 118.0 78.8 118.2



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: 46.51 ng

RT: 9.31 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

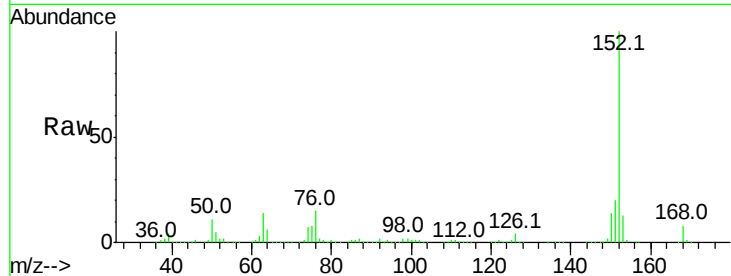
Tot Ion:152 Resp: 1269299

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

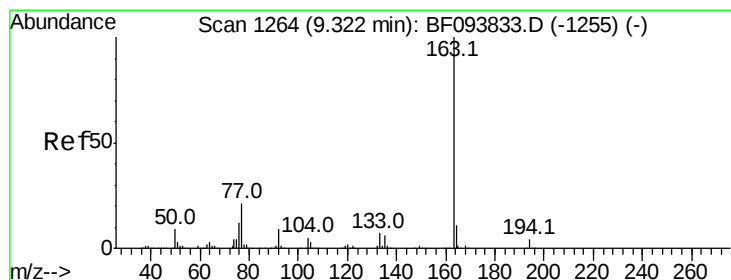
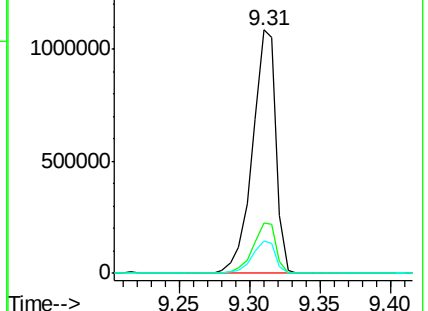
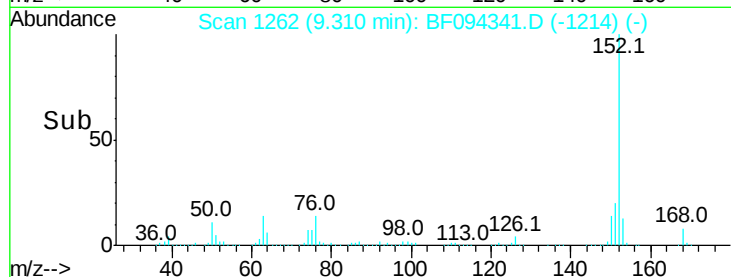
153 13.3 10.8 16.2



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: 77.33 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

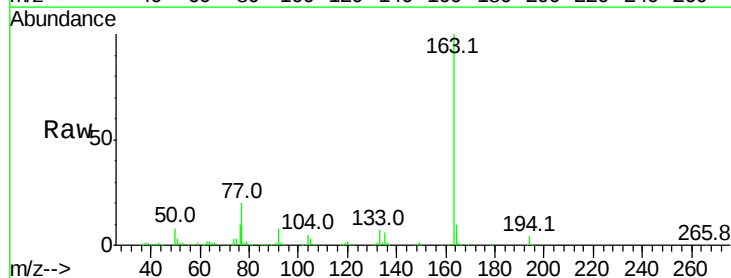
Tgt Ion:163 Resp: 1429532

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

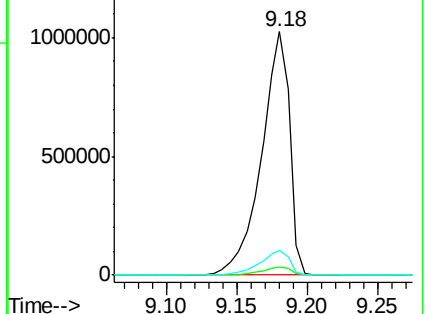
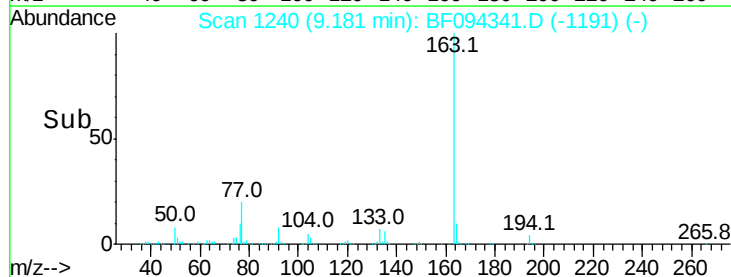
164 10.0 8.4 12.6

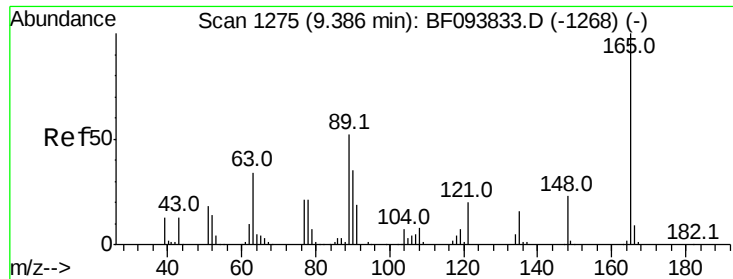


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

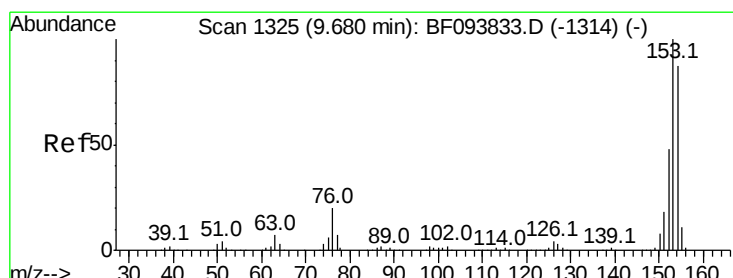
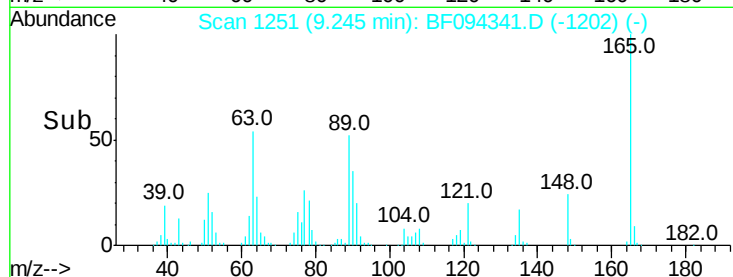
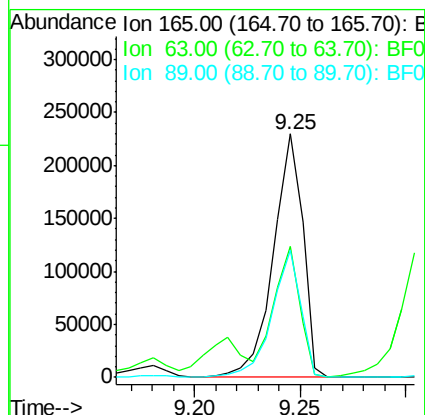
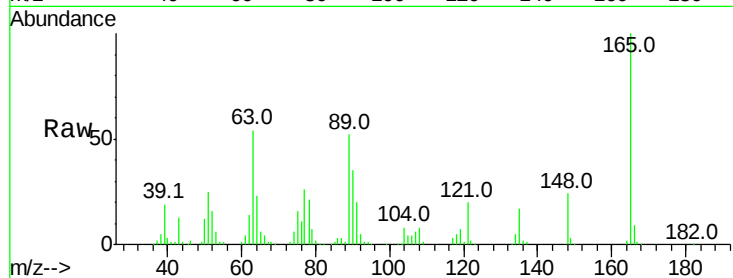




#50
 2,6-Dinitrotoluene
 Concen: 52.91 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

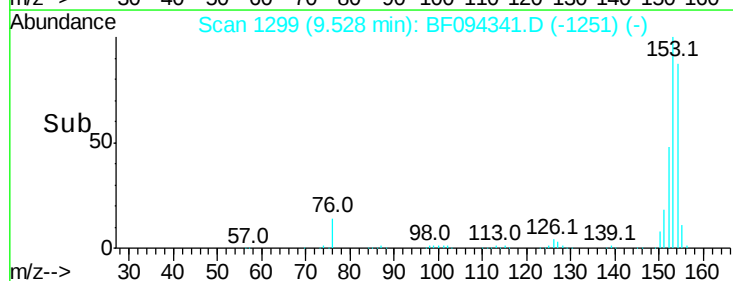
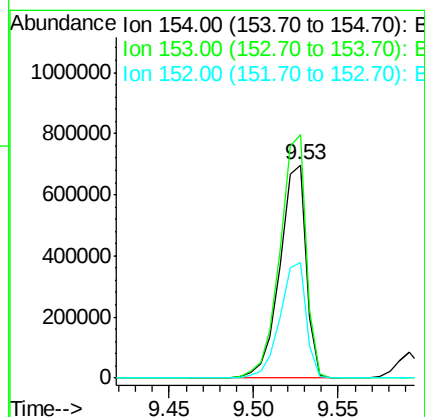
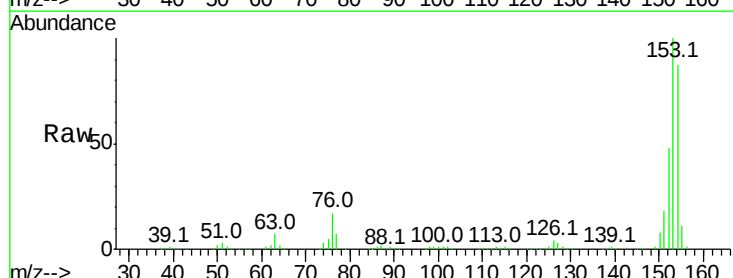
Instrument :
 BNA_F
 ClientSampleID :

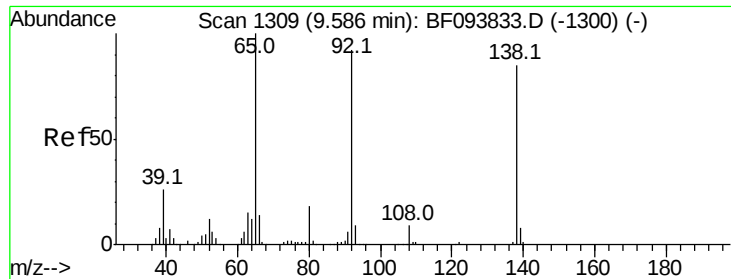
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.7	34.3	51.5#
89	52.3	37.1	55.7



#51
 Acenaphthene
 Concen: 47.56 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.5	135.7
152	54.6	43.6	65.4

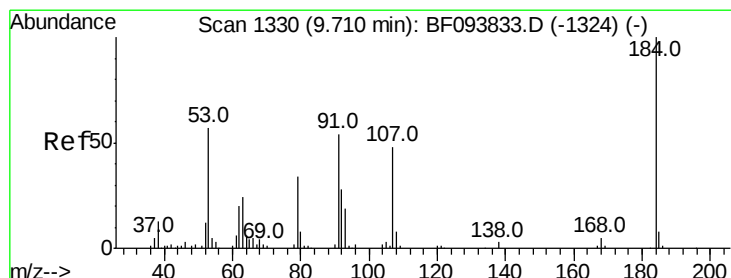
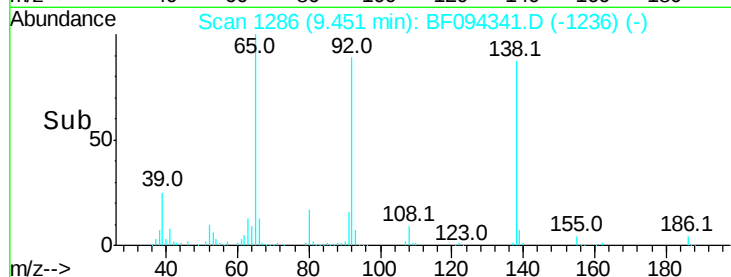
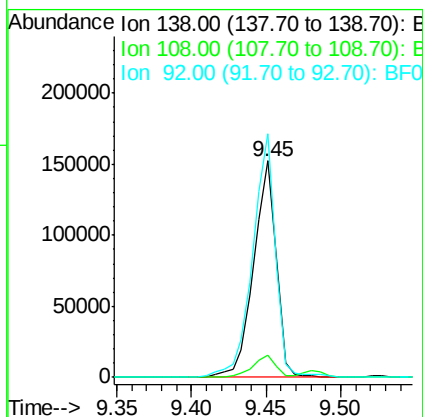
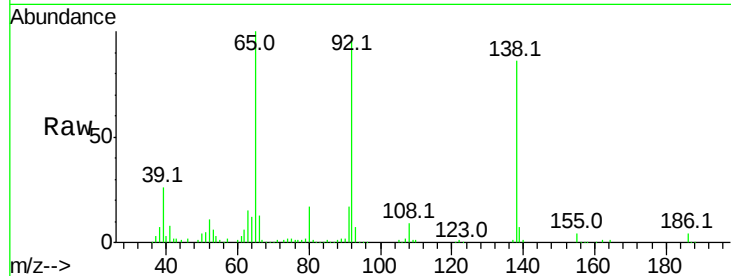




#52
 3-Nitroaniline
 Concen: 32.00 ng
 RT: 9.45 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

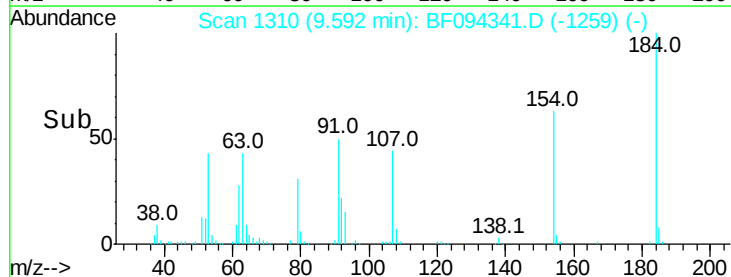
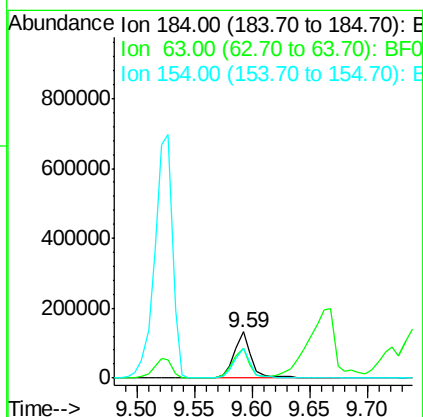
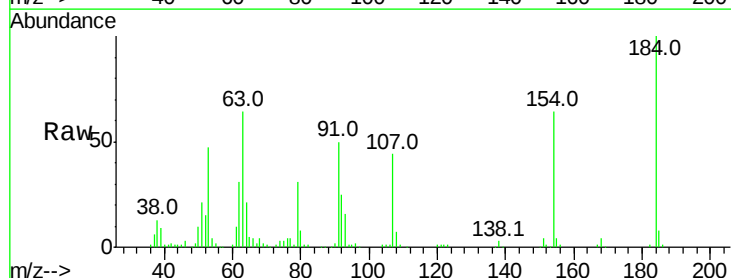
Instrument :
 BNA_F
 ClientSampleId :

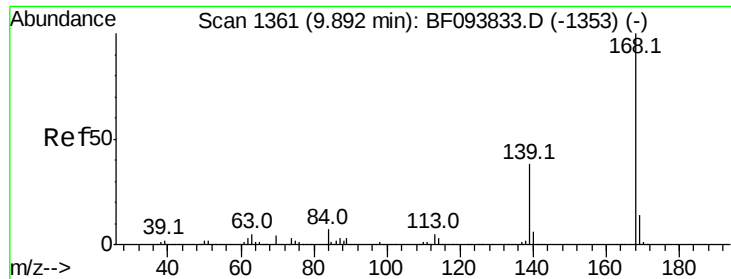
Tot Ion:138 Resp: 159205
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.1 13.7
 92 112.6 93.8 140.6



#53
 2,4-Dinitrophenol
 Concen: 61.99 ng
 RT: 9.59 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion:184 Resp: 138041
 Ion Ratio Lower Upper
 184 100
 63 63.6 62.7 94.1
 154 63.7 81.1 121.7#

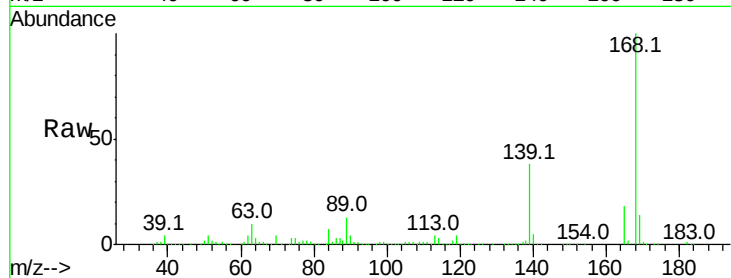




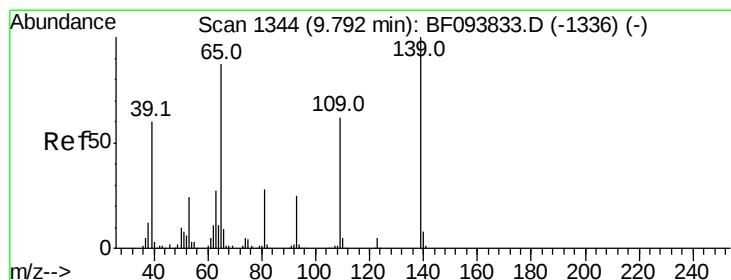
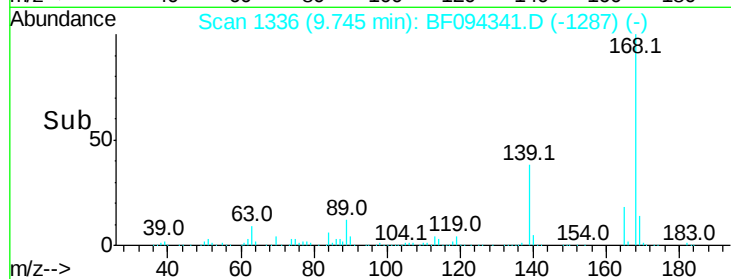
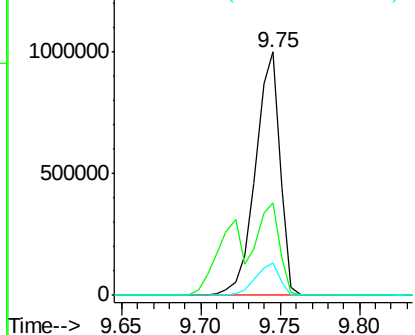
#54
Dibenzofuran
Concen: 49.77 ng
RT: 9.75 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1078703
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8
169 13.5 10.8 16.2

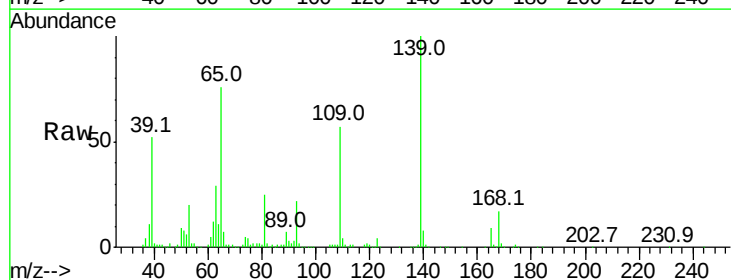


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

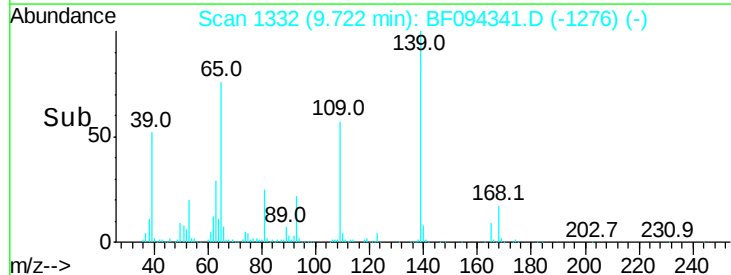
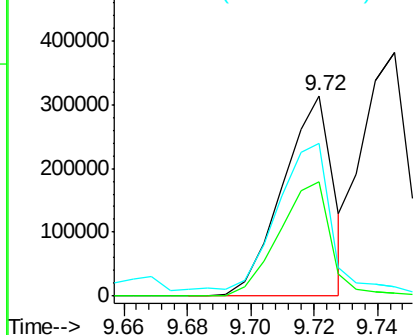


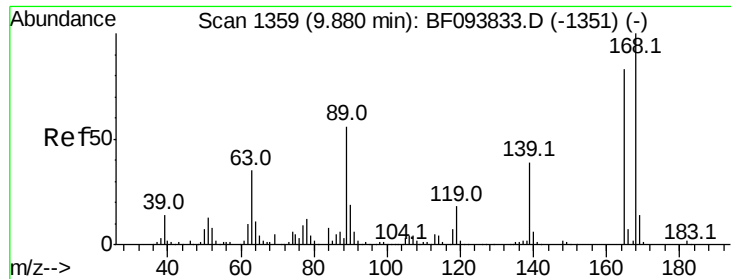
#55
4-Nitrophenol
Concen: 88.90 ng
RT: 9.72 min Scan# 1332
Delta R.T. 0.03 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:139 Resp: 346426
Ion Ratio Lower Upper
139 100
109 57.4 34.1 74.1
65 76.5 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

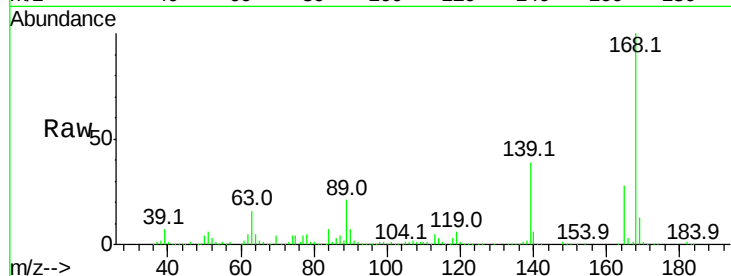




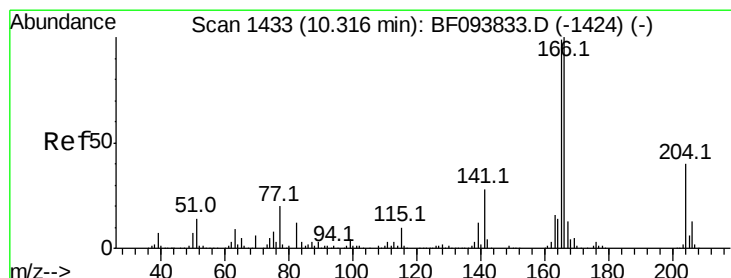
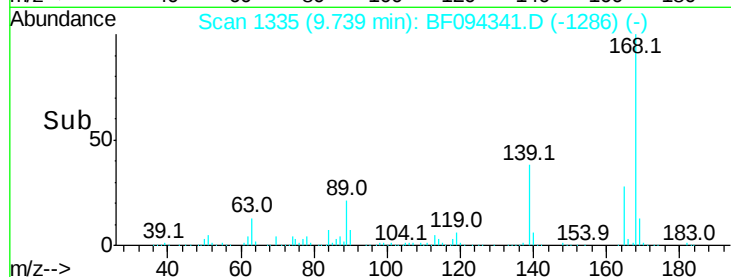
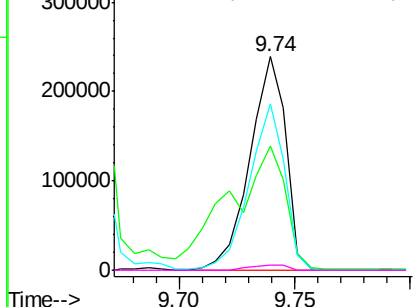
#56
 2,4-Dinitrotoluene
 Concen: 48.84 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 259993
 Ion Ratio Lower Upper
 165 100
 63 58.3 25.4 38.0#
 89 77.8 46.4 69.6#
 182 2.3 1.8 2.6

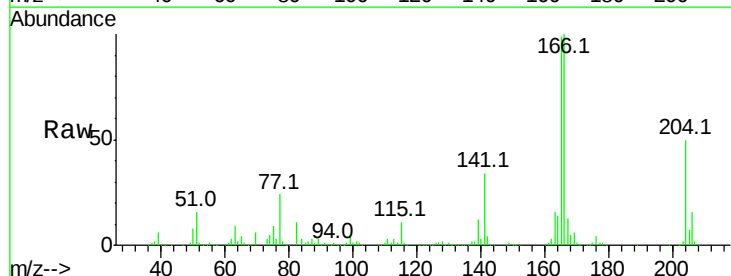


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

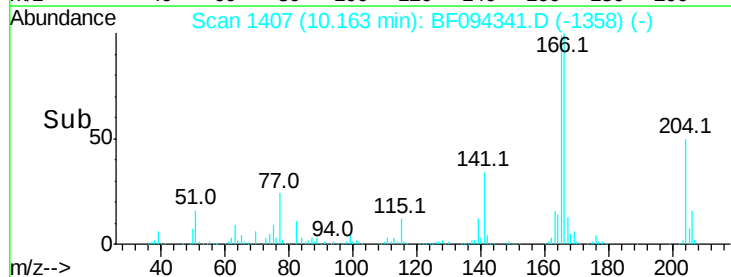
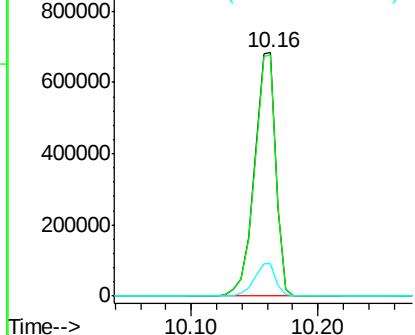


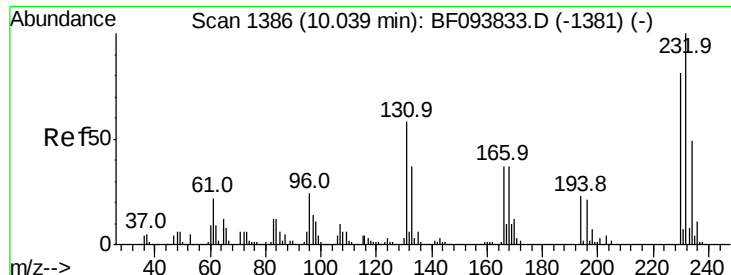
#57
 Fluorene
 Concen: 45.20 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion:166 Resp: 812436
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.4 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: 52.89 ng

RT: 9.90 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 197627

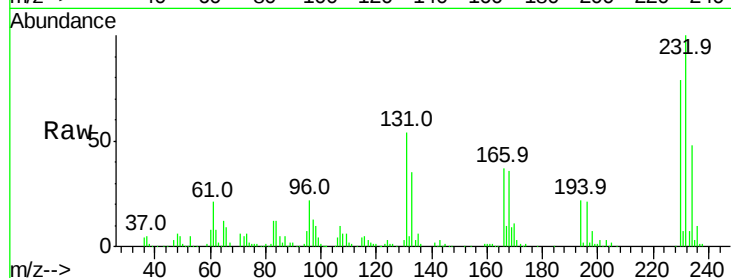
Ion Ratio Lower Upper

232 100

131 51.7 44.8 67.2

130 2.6 2.3 3.5

166 35.6 29.0 43.4

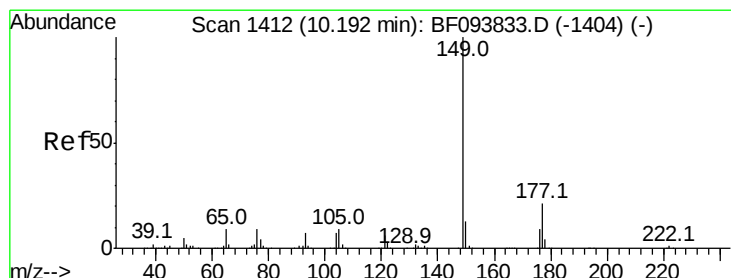
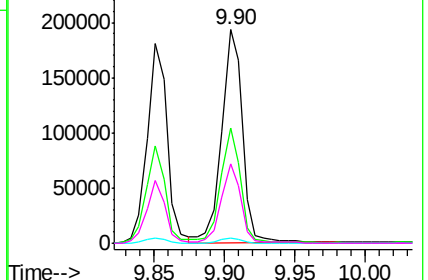
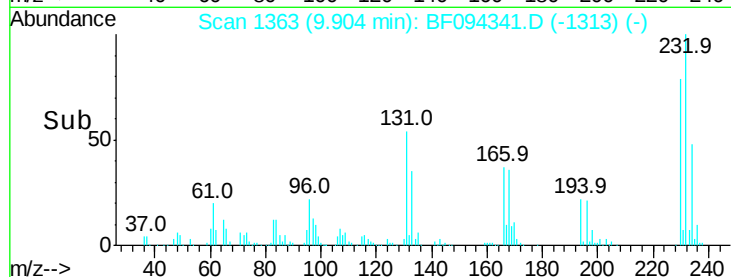


Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.53 ng

RT: 10.05 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

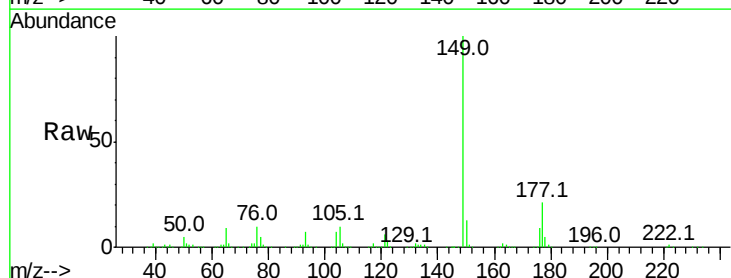
Tgt Ion:149 Resp: 941513

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

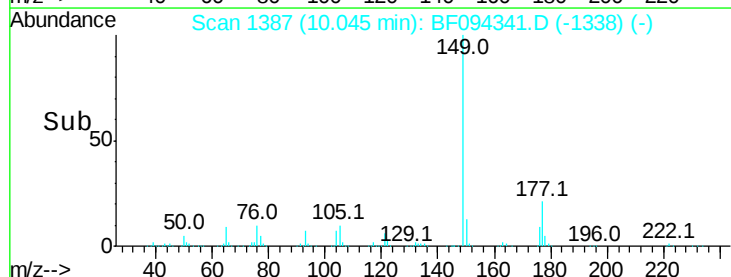
150 12.7 10.2 15.2



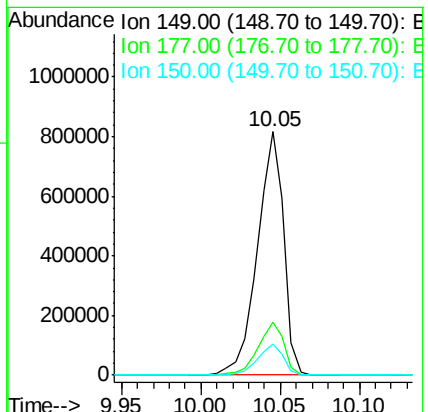
Abundance Ion 149.00 (148.70 to 149.70): E

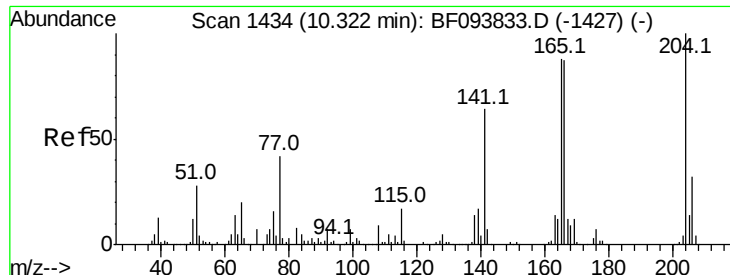
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

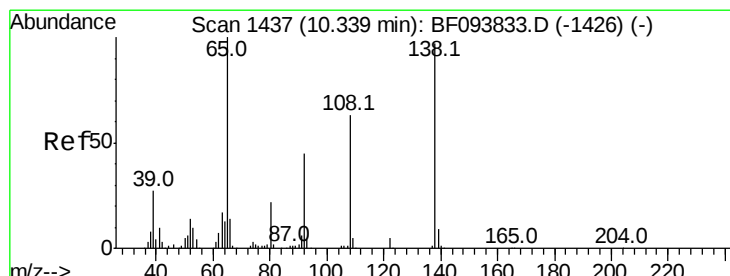
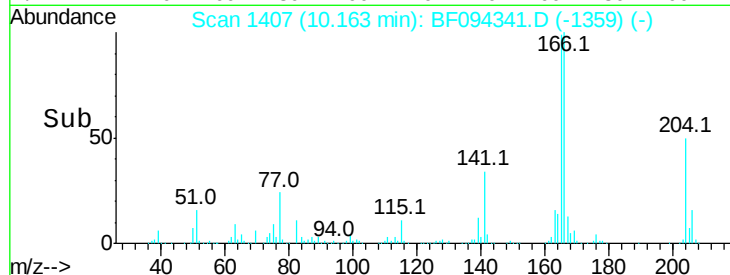
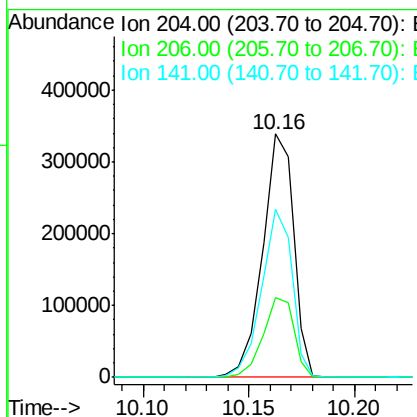
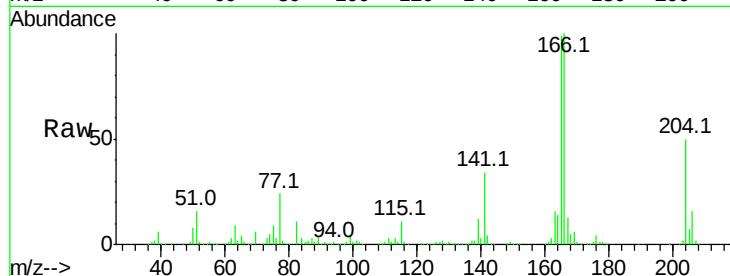




#60
 4-Chlorophenyl-phenylether
 Concen: 45.45 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

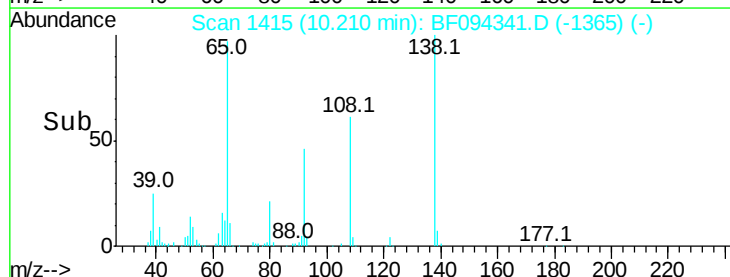
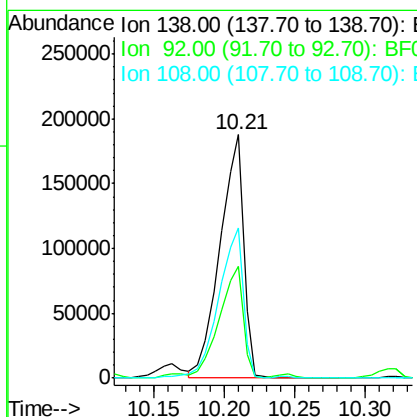
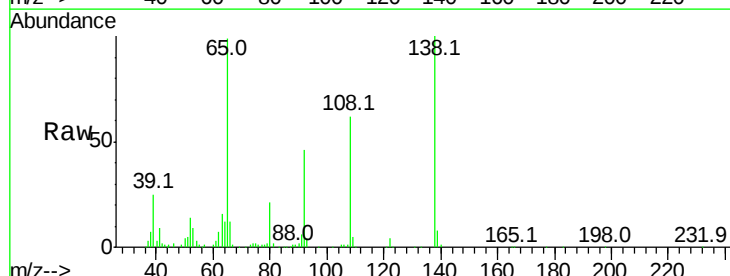
Instrument :
 BNA_F
 ClientSampled :

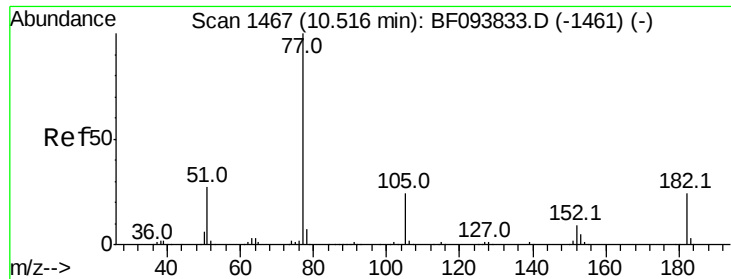
Tot Ion:204 Resp: 348067
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.2 39.2
 141 69.2 60.8 91.2



#61
 4-Nitroaniline
 Concen: 46.11 ng
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion:138 Resp: 220155
 Ion Ratio Lower Upper
 138 100
 92 45.8 21.8 61.8
 108 61.6 42.3 82.3





#62

Azobenzene

Concen: 50.70 ng

RT: 10.36 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 876276

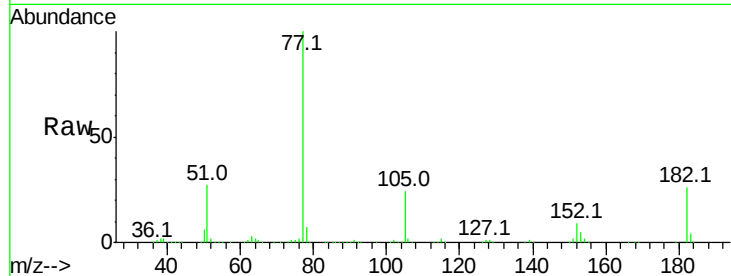
Ion Ratio Lower Upper

77 100

182 26.1 0.1 40.1

105 24.2 3.6 43.6

51 26.7 9.4 49.4

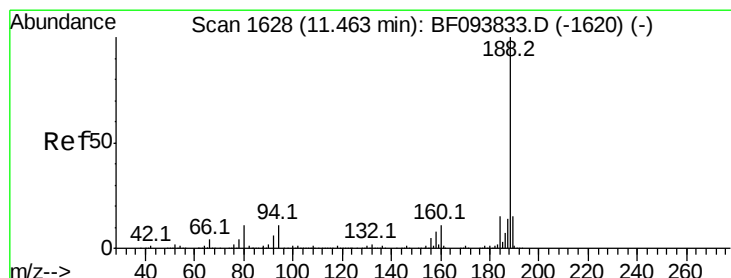
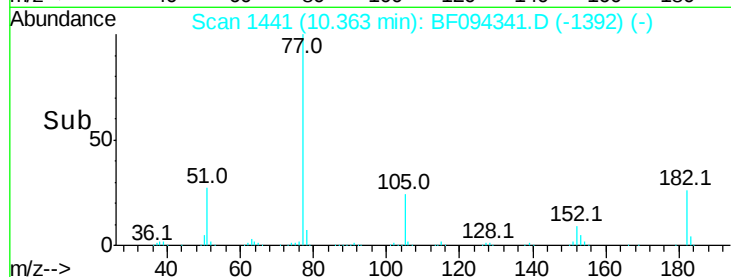
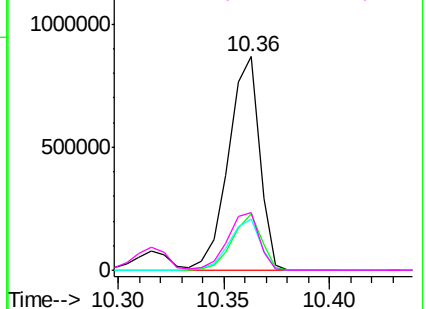


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.30 min Scan# 1601

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

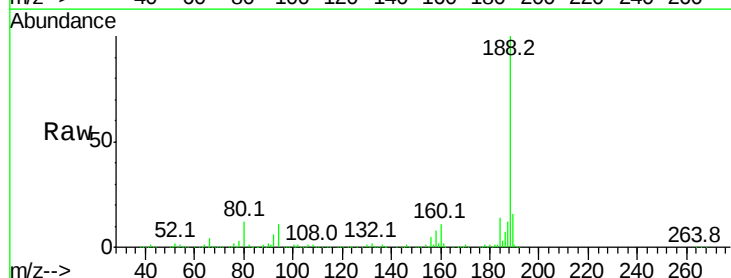
Tgt Ion: 188 Resp: 424106

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

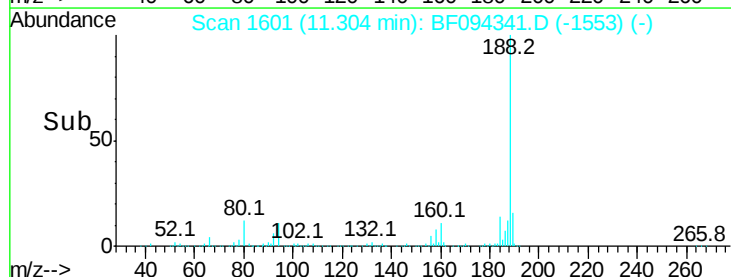
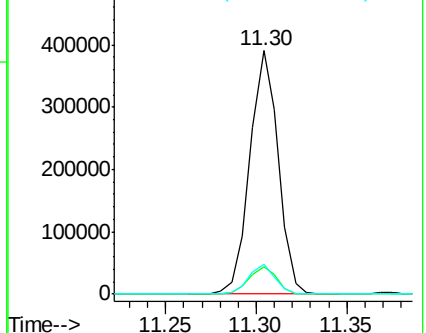
80 12.4 10.2 15.2

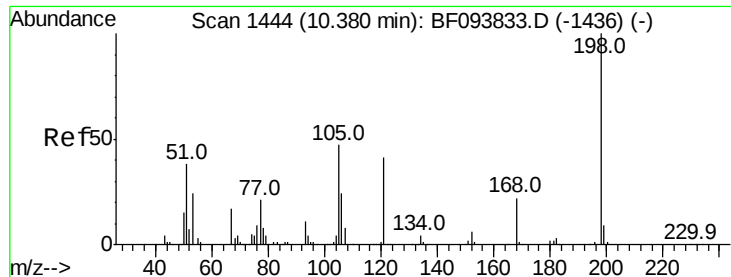


Abundance Ion 188.00 (187.70 to 188.70): E

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: 43.13 ng

RT: 10.25 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampled :

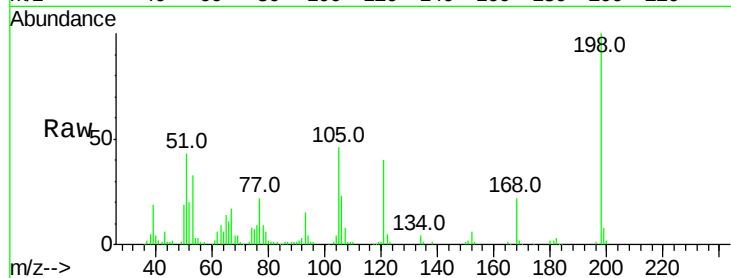
Tot Ion:198 Resp: 112020

Ion Ratio Lower Upper

198 100

51 43.0 53.2 93.2#

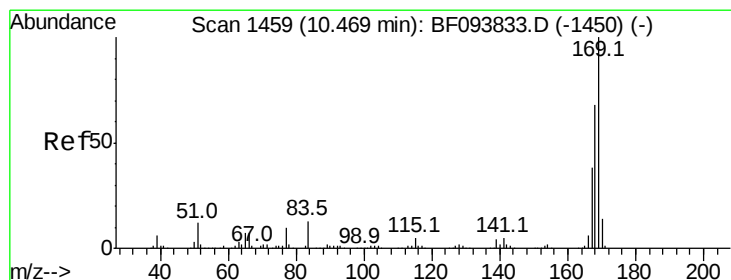
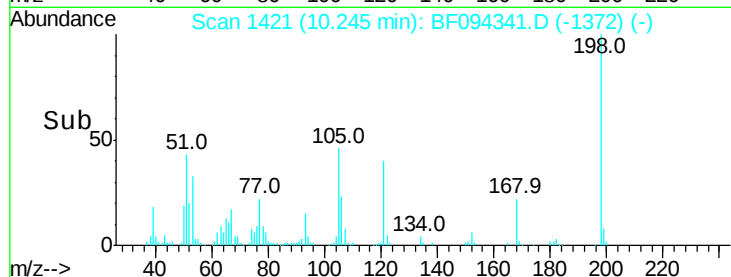
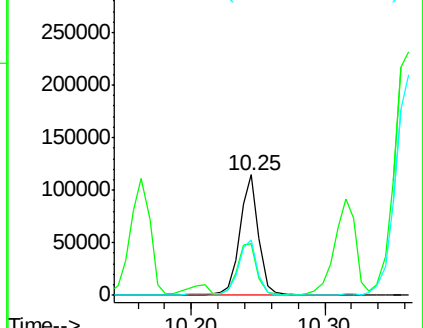
105 46.5 45.8 85.8



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: 52.65 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

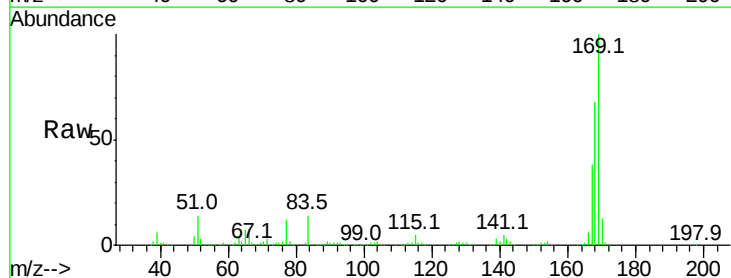
Tgt Ion:169 Resp: 772154

Ion Ratio Lower Upper

169 100

168 68.2 53.2 79.8

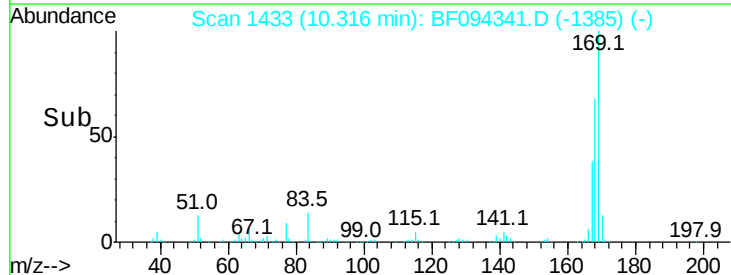
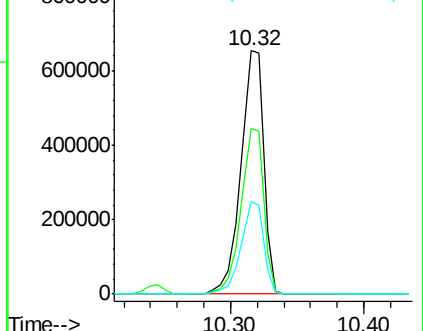
167 38.0 29.5 44.3

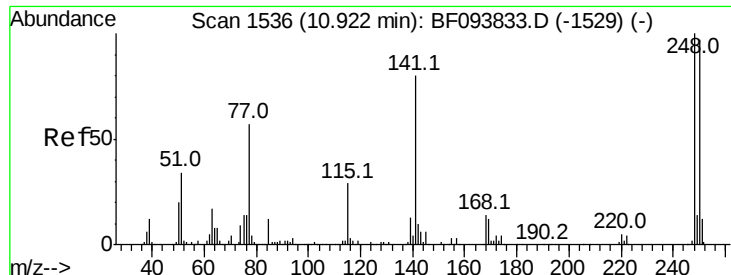


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

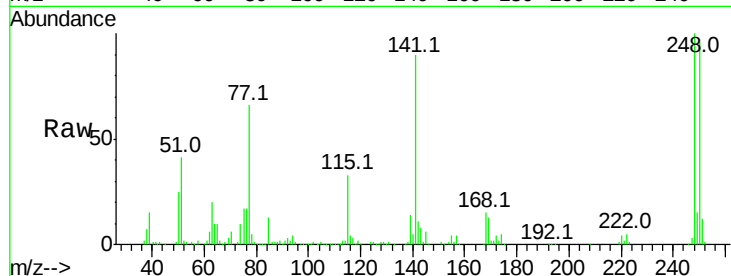




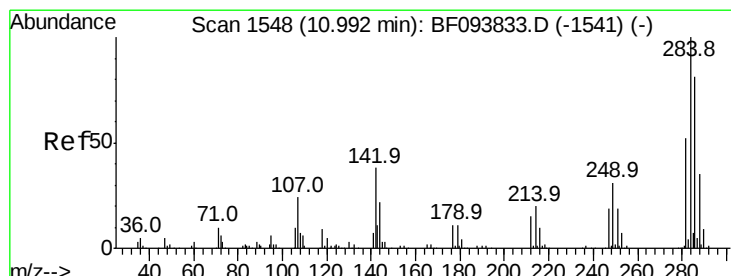
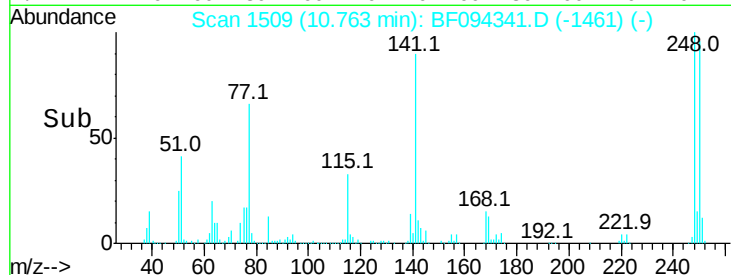
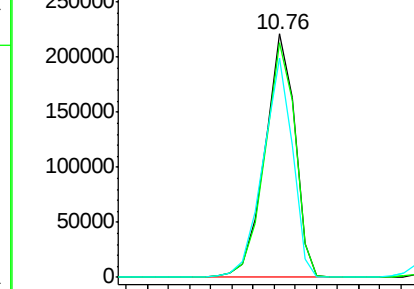
#66
 4-Bromophenyl-phenylether
 Concen: 52.73 ng
 RT: 10.76 min Scan# 1509
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.8	115.2
141	90.2	68.6	103.0

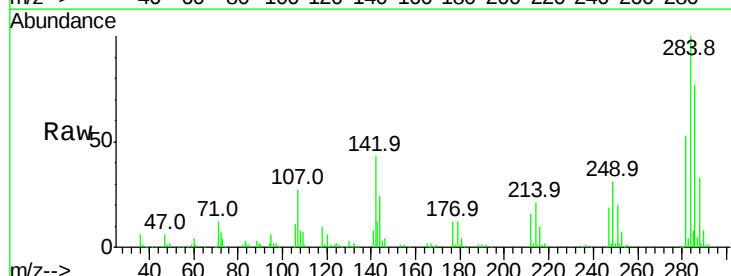


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

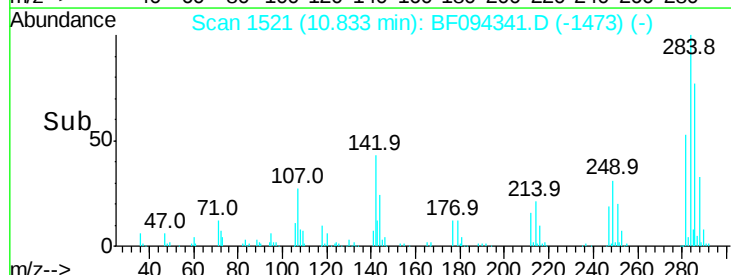
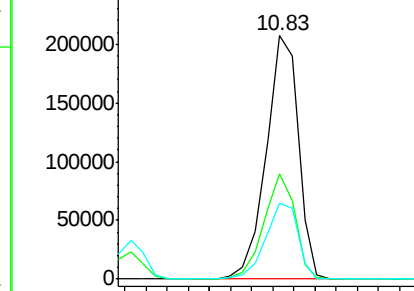


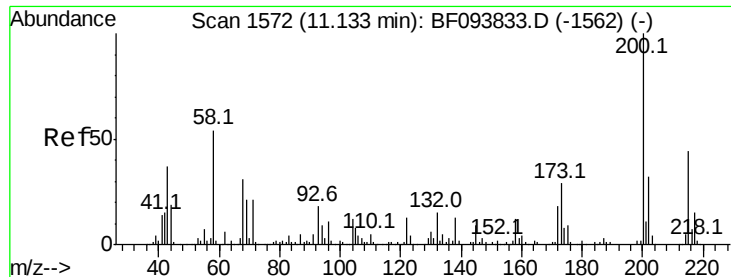
#67
 Hexachlorobenzene
 Concen: 52.25 ng
 RT: 10.83 min Scan# 1521
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.1	22.8	34.2#
249	31.4	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

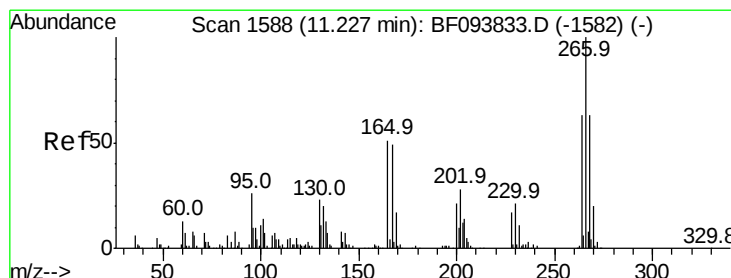
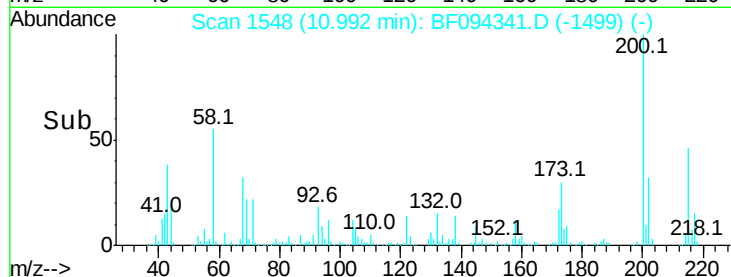
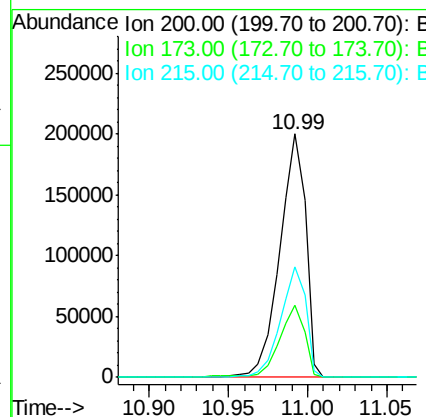
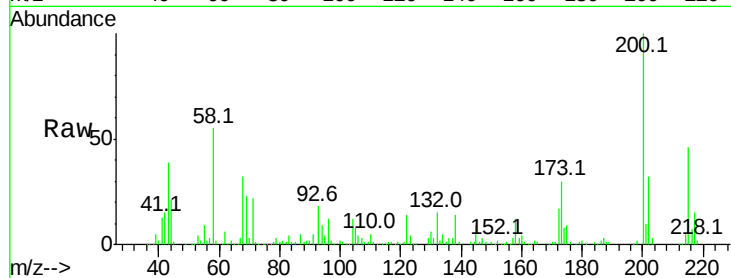




#68
Atrazine
Concen: 51.69 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

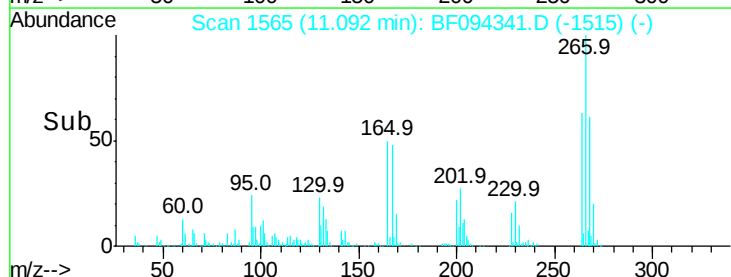
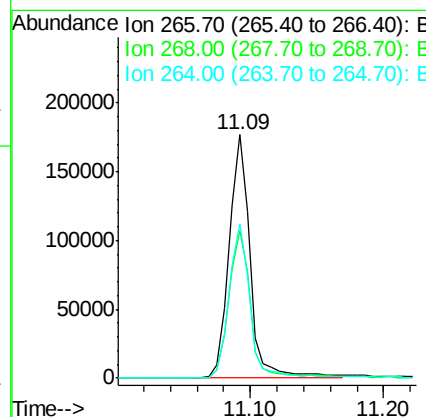
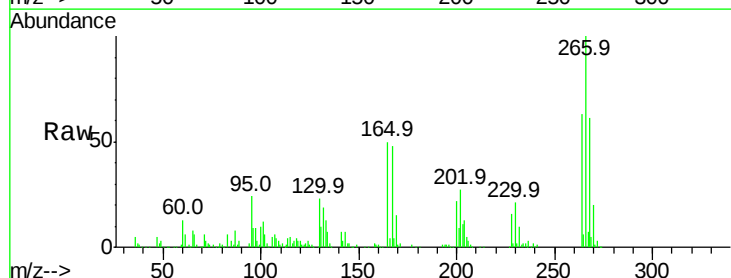
Instrument :
BNA_F
ClientSampleId :

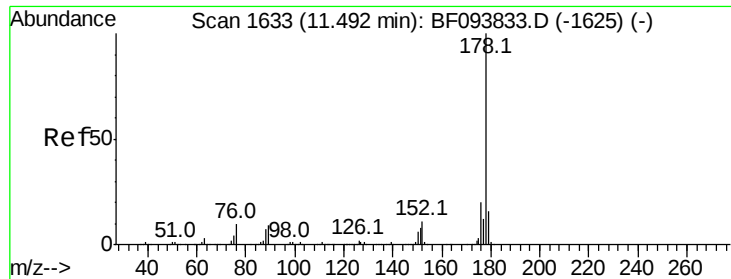
Tot Ion:200 Resp: 227075
Ion Ratio Lower Upper
200 100
173 29.7 6.3 46.3
215 45.6 27.2 67.2



#69
Pentachlorophenol
Concen: 75.26 ng
RT: 11.09 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:266 Resp: 197805
Ion Ratio Lower Upper
266 100
268 60.7 51.1 76.7
264 63.2 51.7 77.5

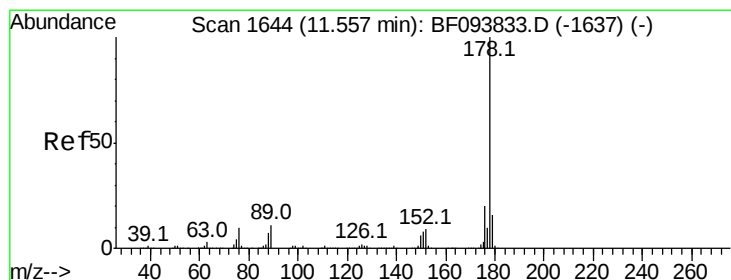
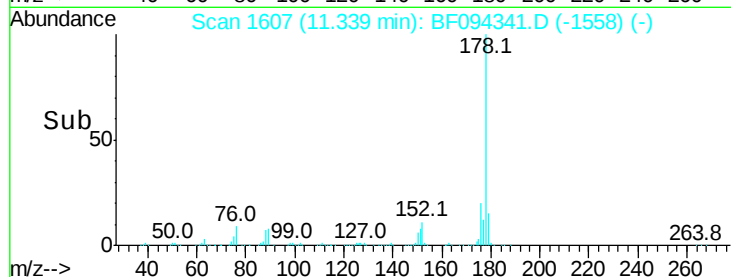
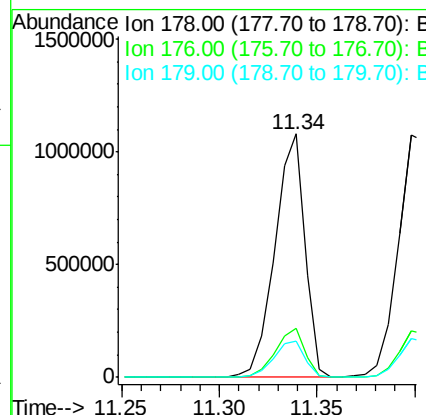
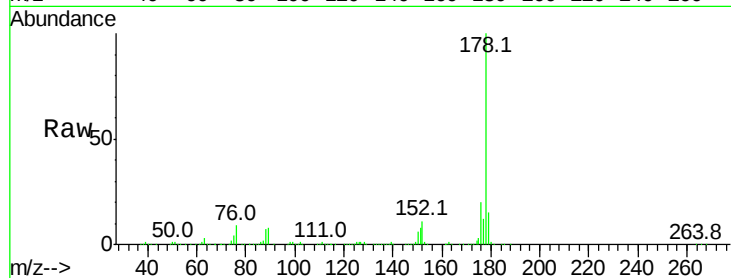




#70
Phenanthrene
Concen: 48.75 ng
RT: 11.34 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

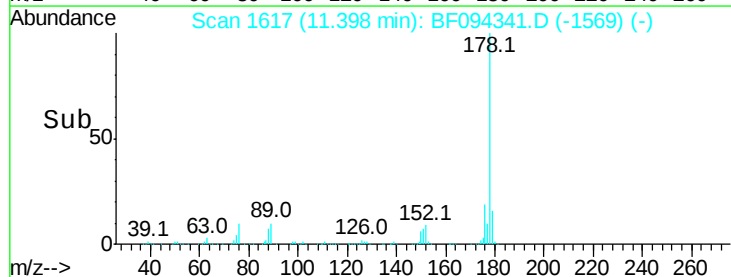
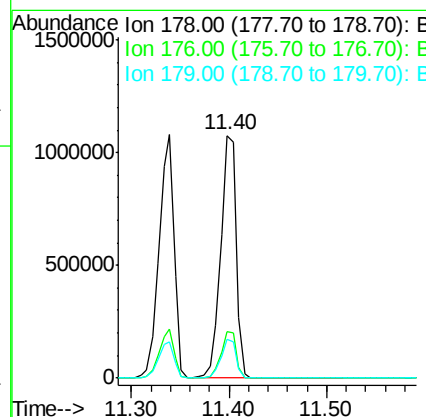
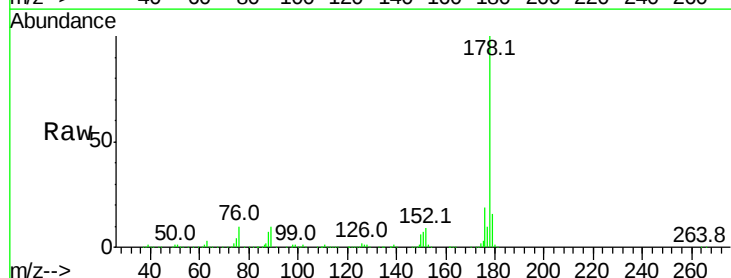
Instrument :
BNA_F
ClientSampled :

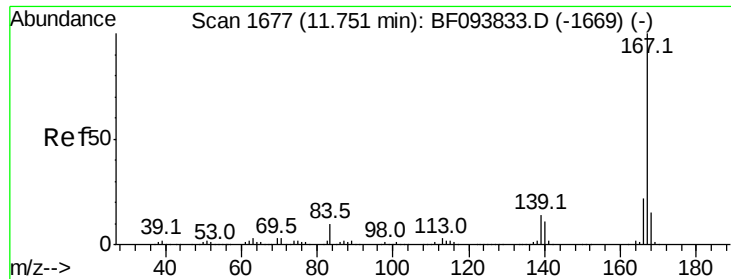
Tot Ion:178 Resp: 1150070
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 15.1 12.6 19.0



#71
Anthracene
Concen: 48.85 ng
RT: 11.40 min Scan# 1617
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:178 Resp: 1186579
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.9 12.7 19.1





#72

Carbazole

Concen: 45.17 ng

RT: 11.61 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

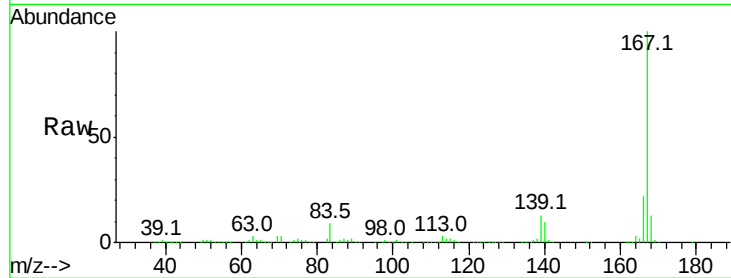
Tot Ion:167 Resp: 1125198

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

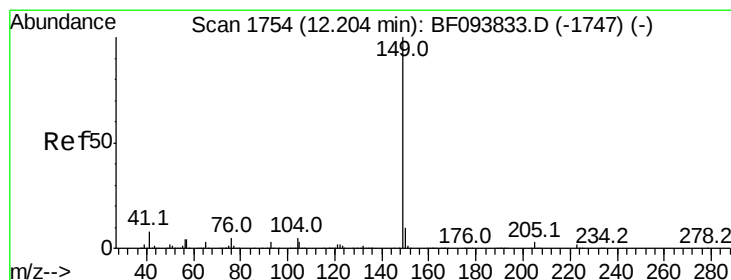
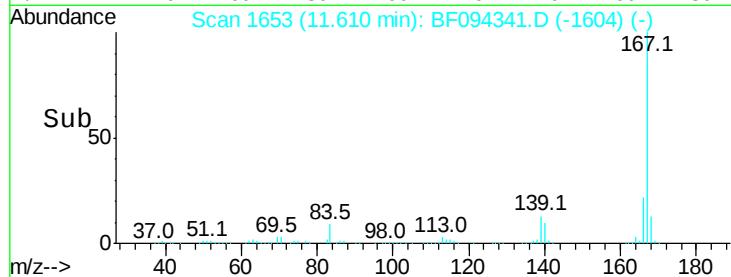
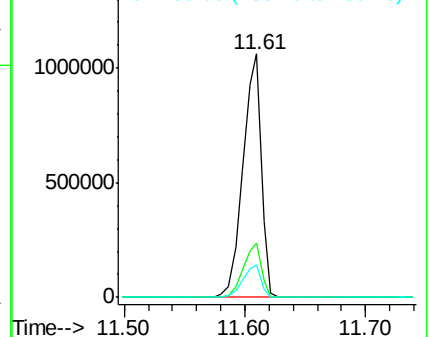
139 13.2 11.7 17.5



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: 53.21 ng

RT: 12.05 min Scan# 1728

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

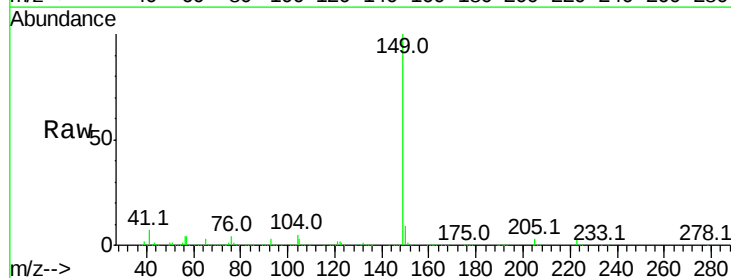
Tgt Ion:149 Resp: 1378328

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

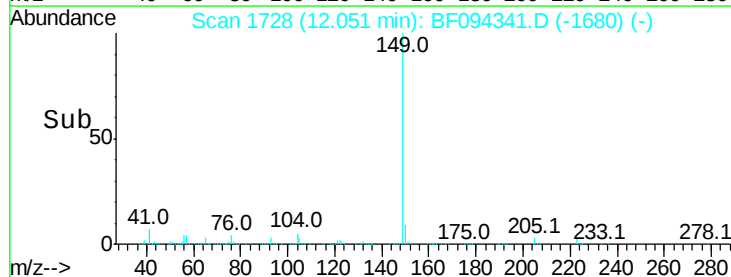
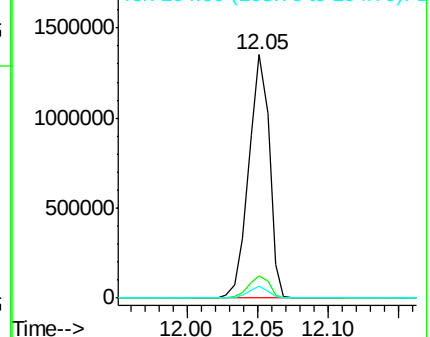
104 4.7 4.0 6.0

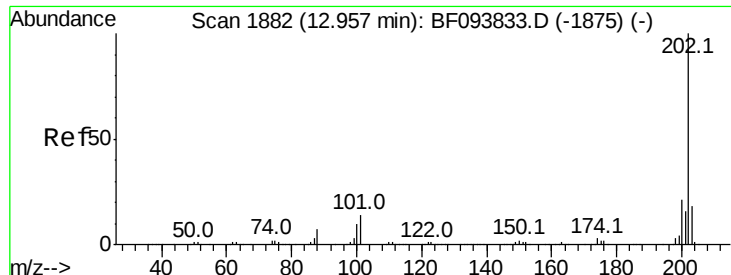


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



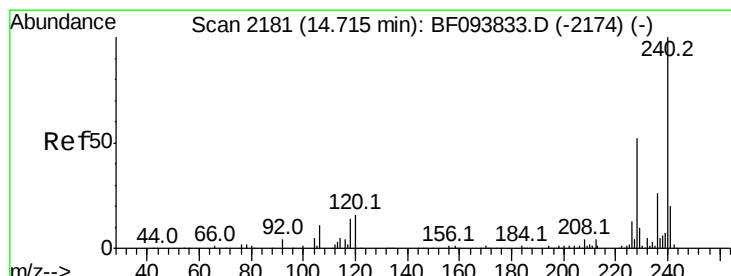
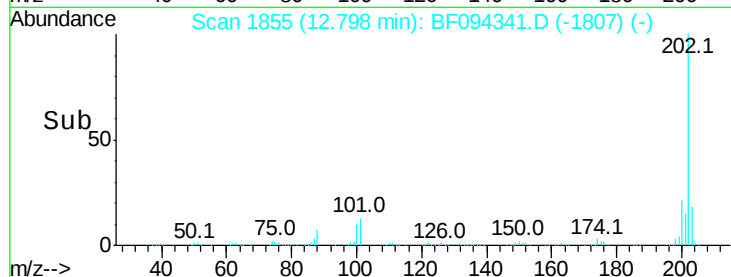
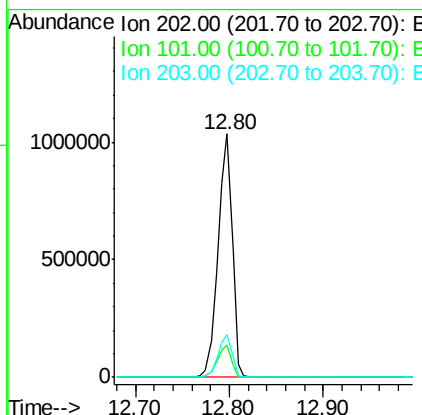
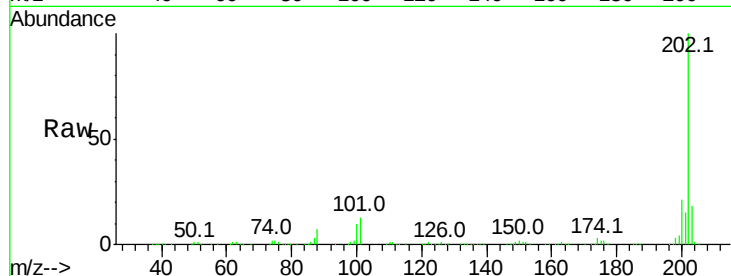


#74
Fluoranthene
 Concen: 45.35 ng
 RT: 12.80 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1095488

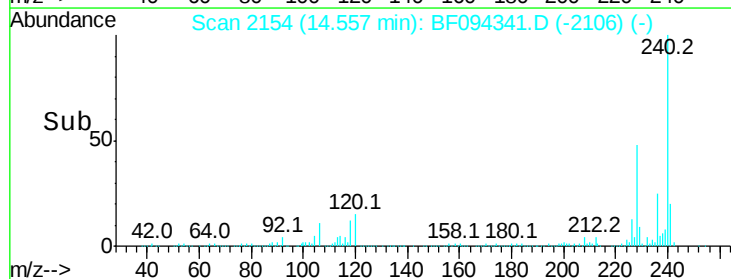
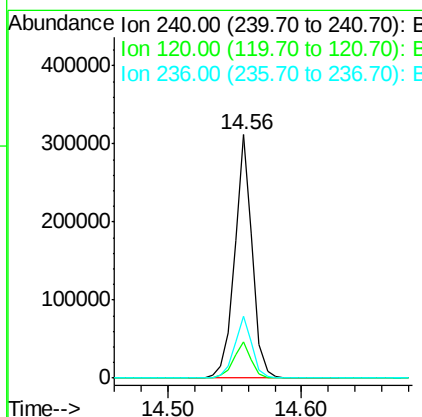
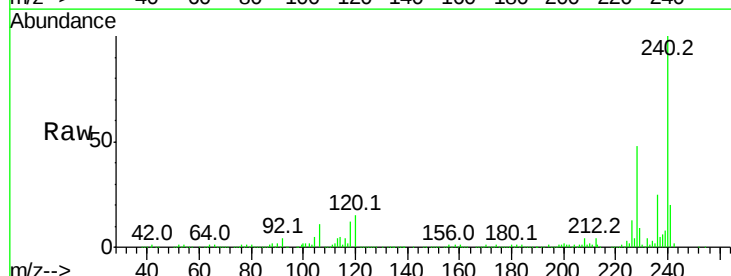
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.7	0.0	38.1

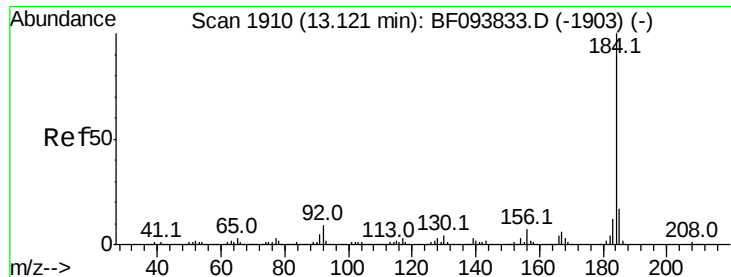


#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.56 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion:240 Resp: 284905

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.4	20.5	30.7





#76

Benzidine

Concen: 13.57 ng

RT: 12.97 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

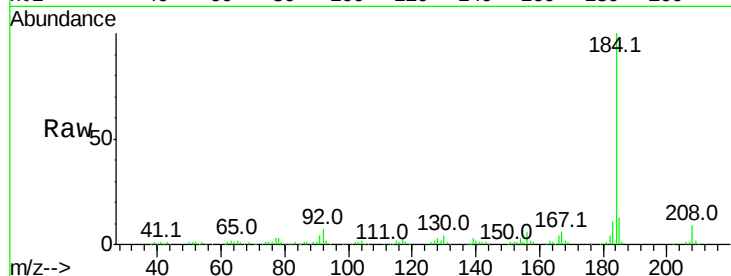
Tot Ion:184 Resp: 153071

Ion Ratio Lower Upper

184 100

185 13.3 15.5 23.3#

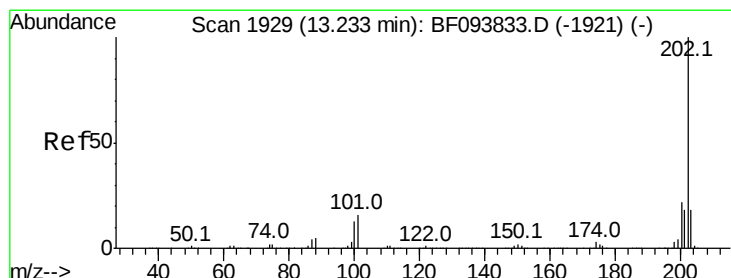
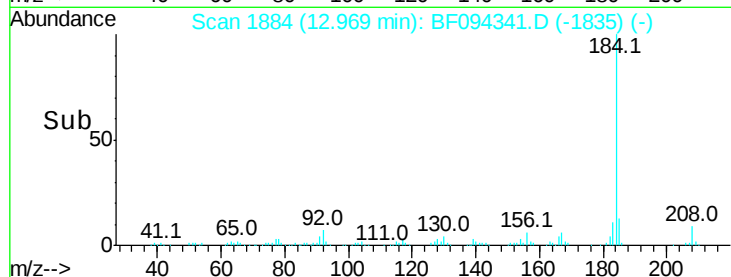
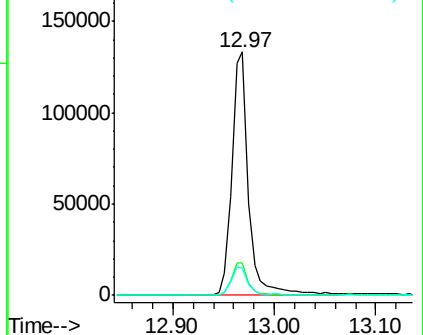
183 11.1 9.8 14.6



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

Pyrene

Concen: 51.96 ng

RT: 13.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

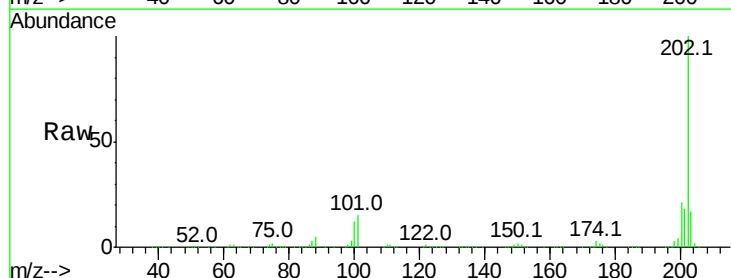
Tgt Ion:202 Resp: 1074360

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

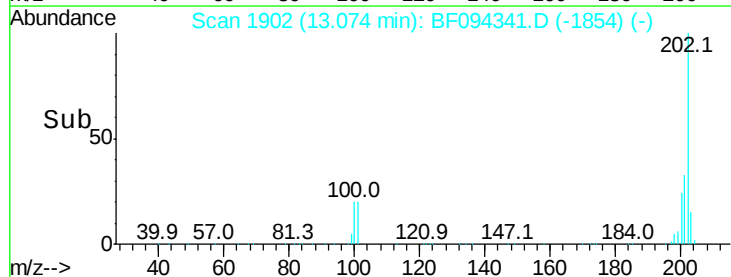
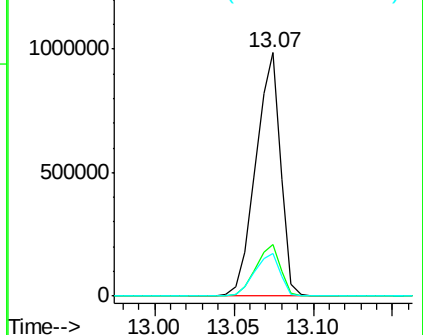
203 17.3 14.4 21.6

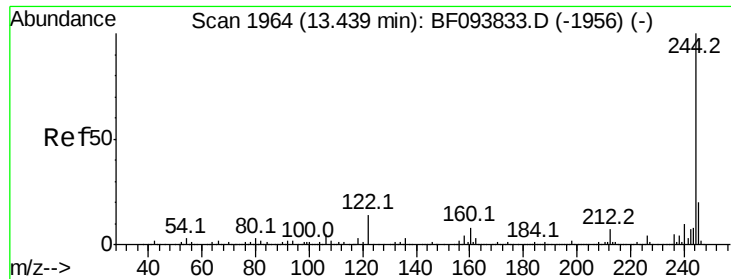


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

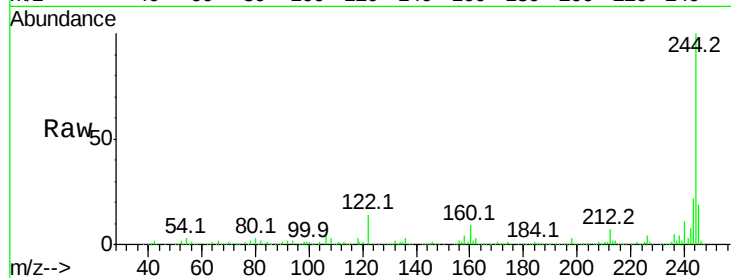




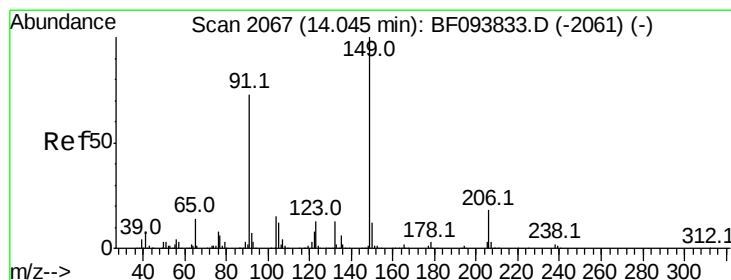
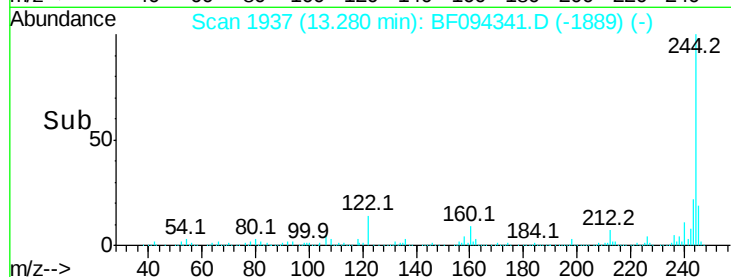
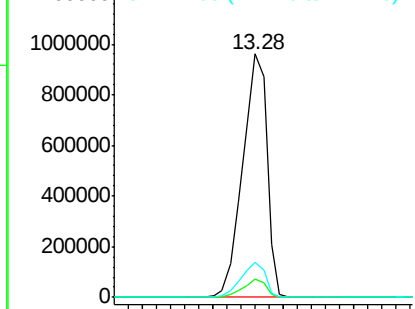
#78
 Terphenyl-d14
 Concen: 91.46 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1162465
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.1 10.3 15.5

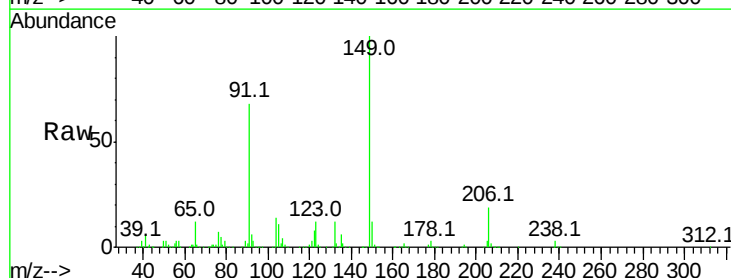


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

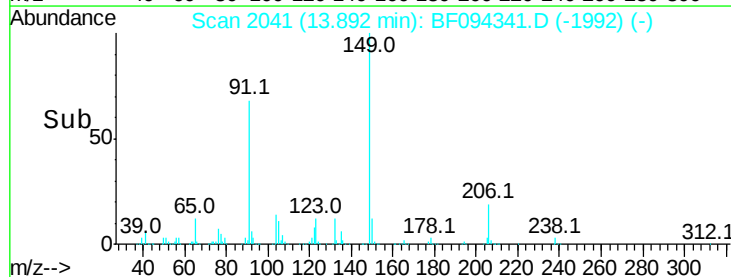
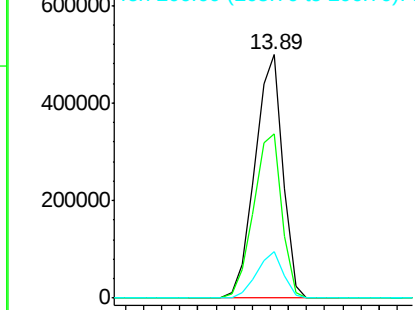


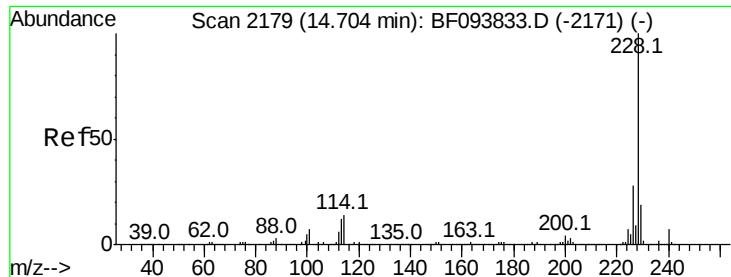
#79
 Butylbenzylphthalate
 Concen: 60.26 ng
 RT: 13.89 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF094341.D
 Acq: 11 Apr 2017 6:25

Tgt Ion:149 Resp: 530916
 Ion Ratio Lower Upper
 149 100
 91 67.6 45.0 67.4#
 206 19.0 17.0 25.6



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

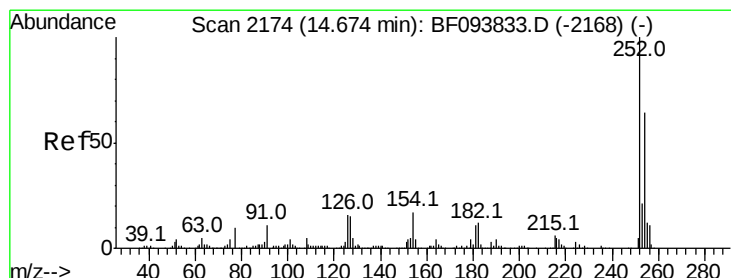
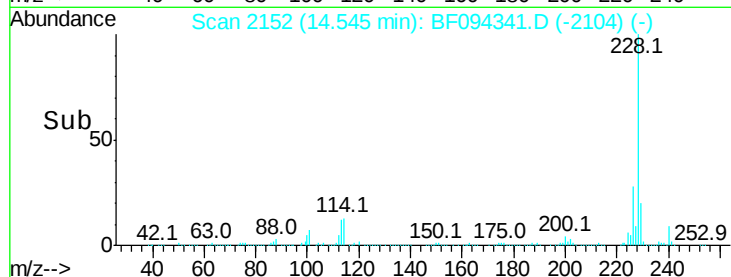
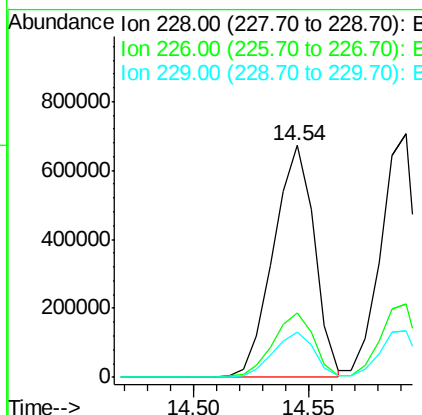
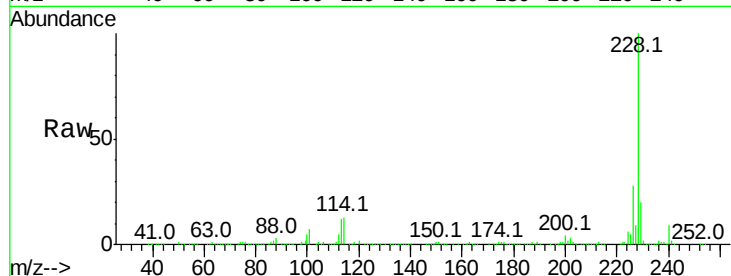




#80
Benzo(a)anthracene
Concen: 49.70 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

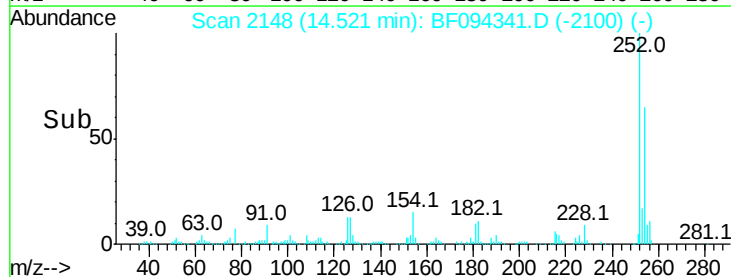
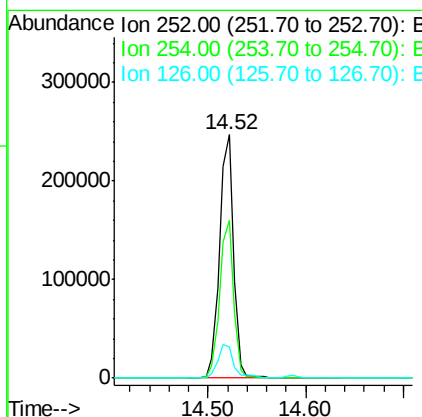
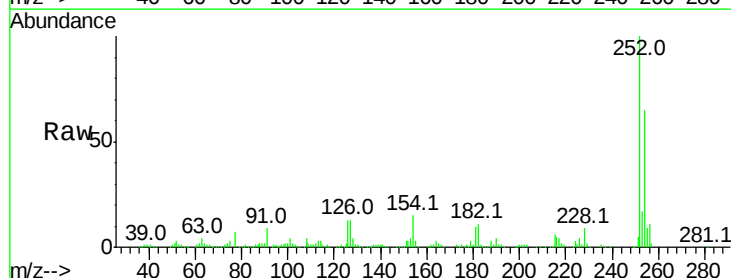
Instrument :
BNA_F
ClientSampleId :

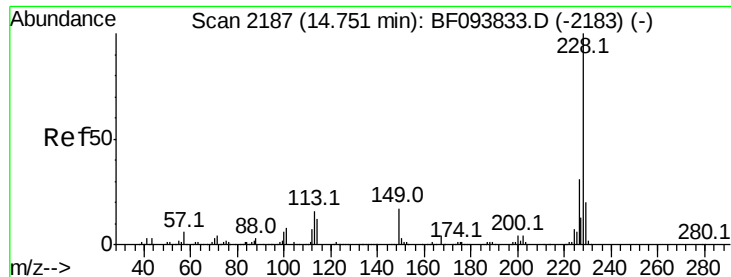
Tot Ion:228 Resp: 825683
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.6 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 41.56 ng
RT: 14.52 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:252 Resp: 246815
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 12.9 15.8 23.8#





#82

Chrysene

Concen: 47.87 ng

RT: 14.59 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

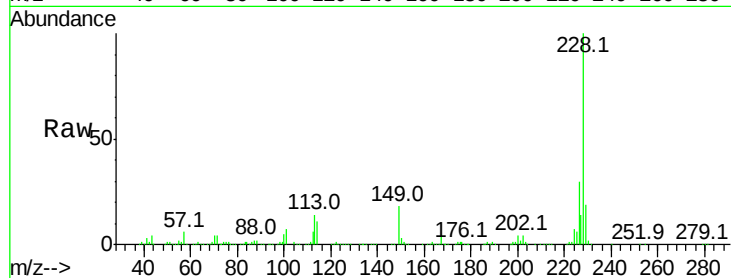
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 738104

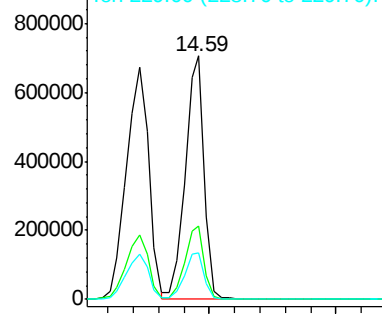
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.2	15.8	23.6



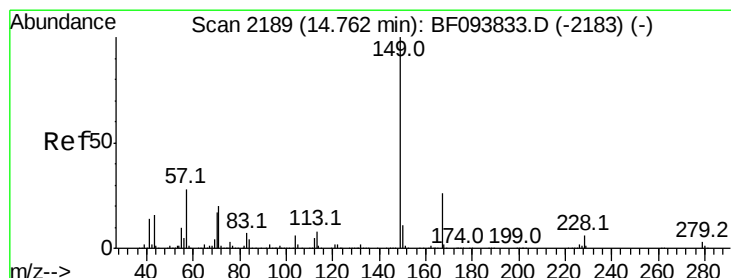
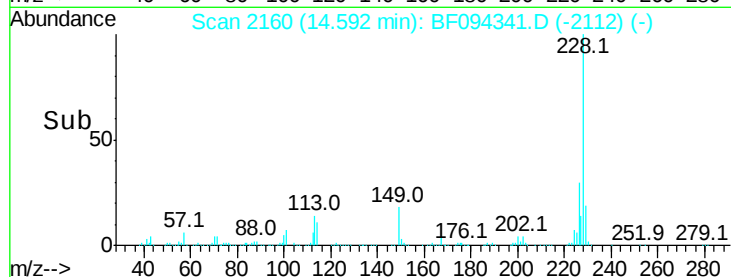
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 61.09 ng

RT: 14.60 min Scan# 2162

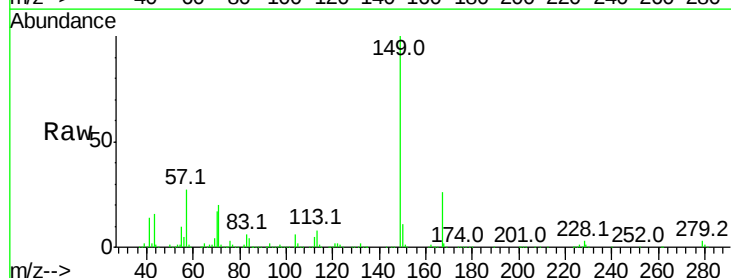
Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Tgt Ion:149 Resp: 734220

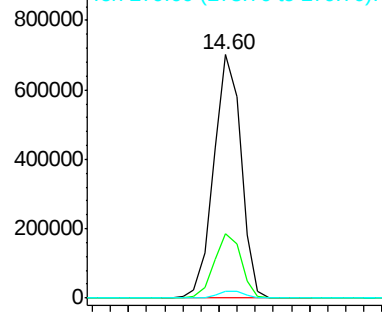
Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	3.0	1.9	2.9#



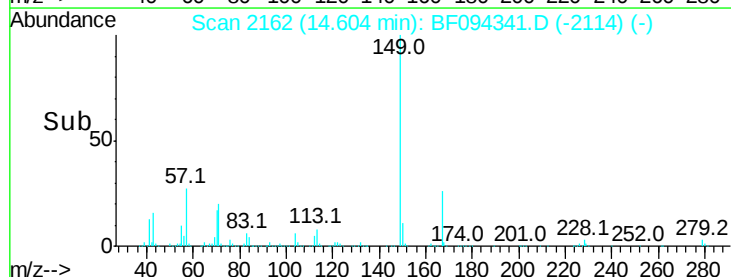
Abundance Ion 149.00 (148.70 to 149.70): E

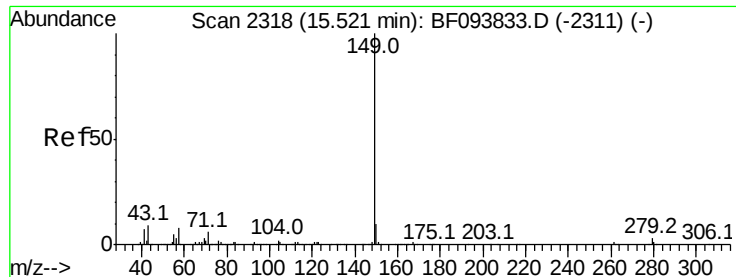
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

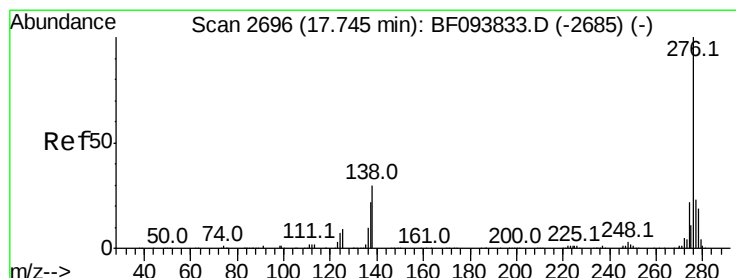
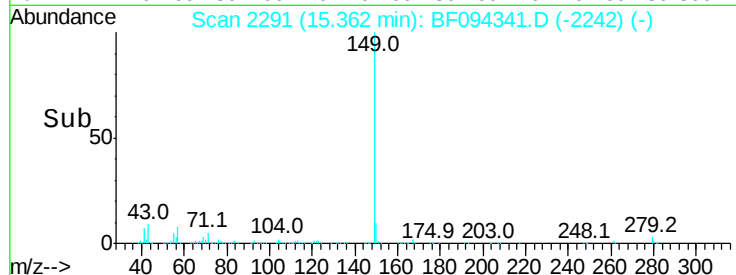
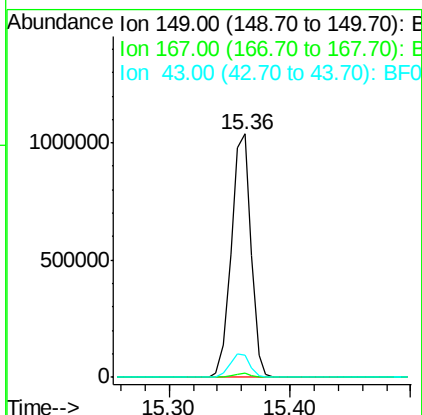
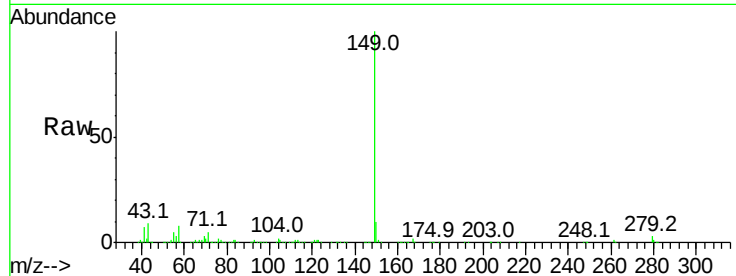




#84
Di-n-octyl phthalate
Concen: 58.71 ng
RT: 15.36 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

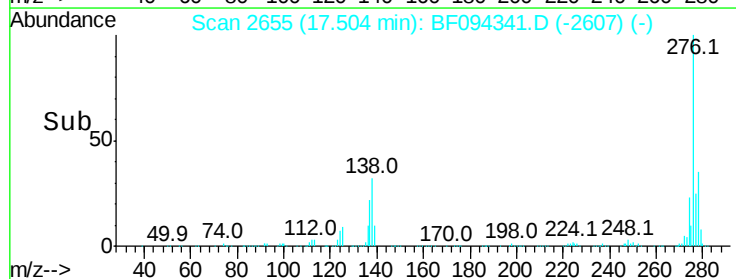
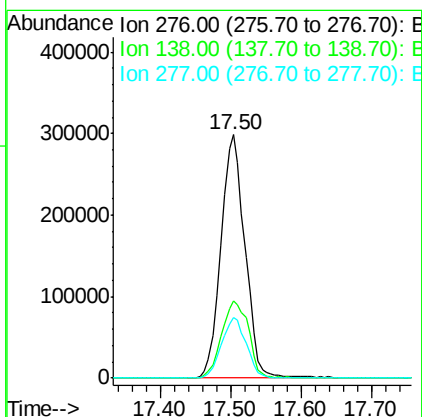
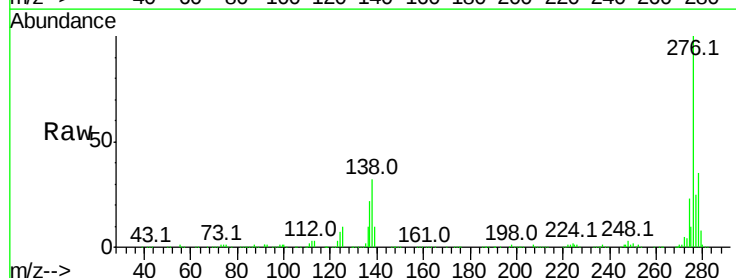
Instrument :
BNA_F
ClientSampleId :

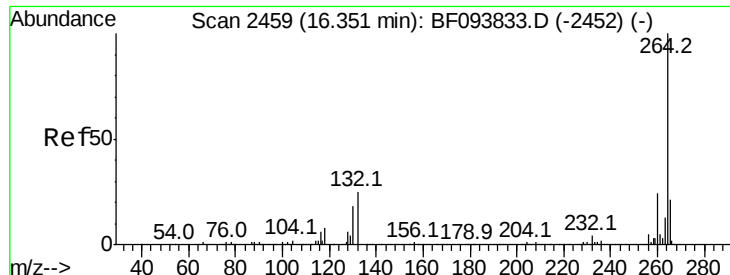
Tot Ion:149 Resp: 1178898
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.6 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 52.86 ng
RT: 17.50 min Scan# 2655
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:276 Resp: 705823
Ion Ratio Lower Upper
276 100
138 35.7 27.8 41.6
277 25.7 20.2 30.4



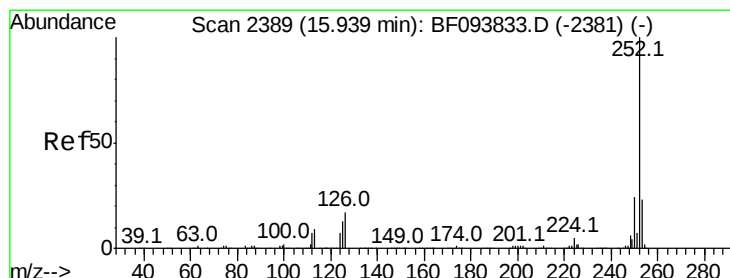
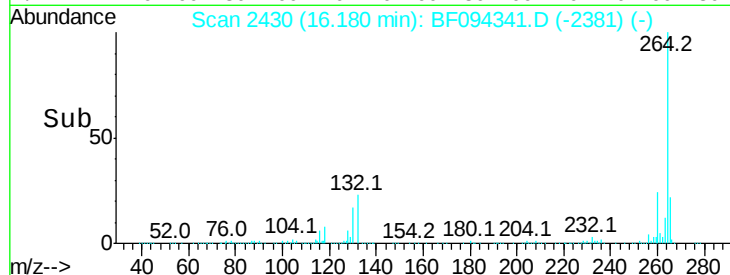
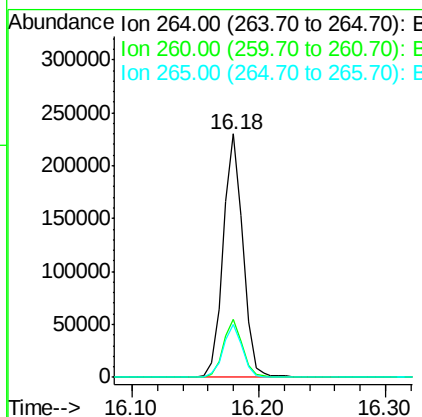
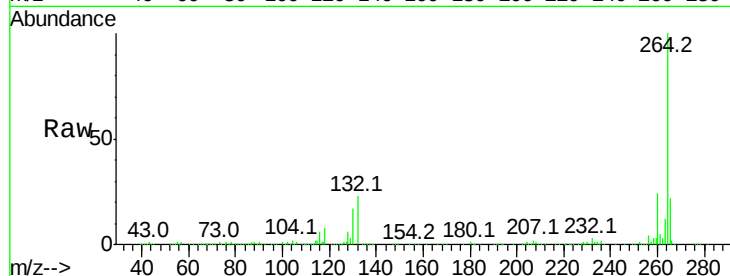


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 247507

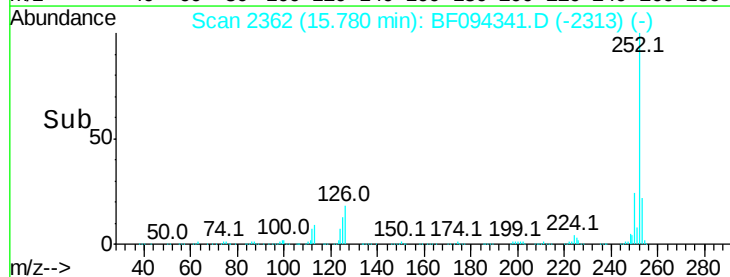
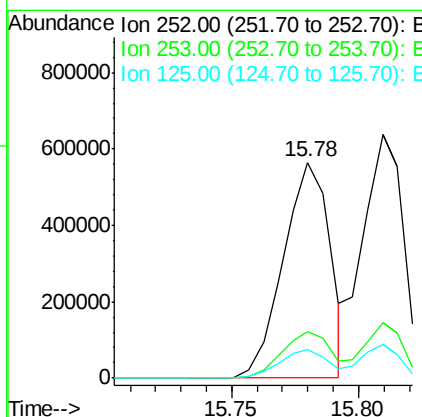
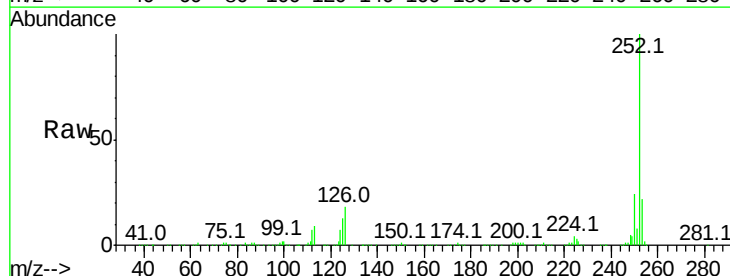
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.8	17.2	25.8

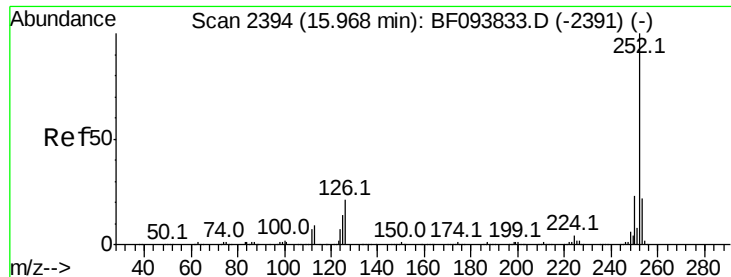


#87
Benzo(b)fluoranthene
Concen: 47.79 ng
RT: 15.78 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:252 Resp: 725055

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	13.4	9.8	14.8

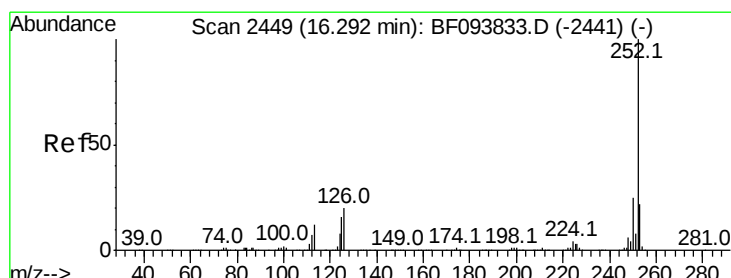
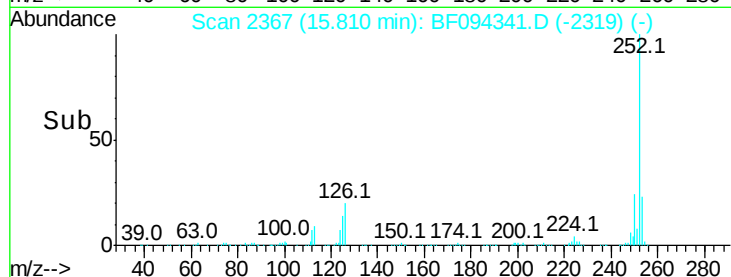
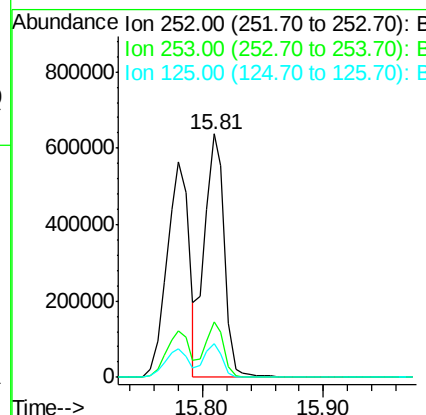
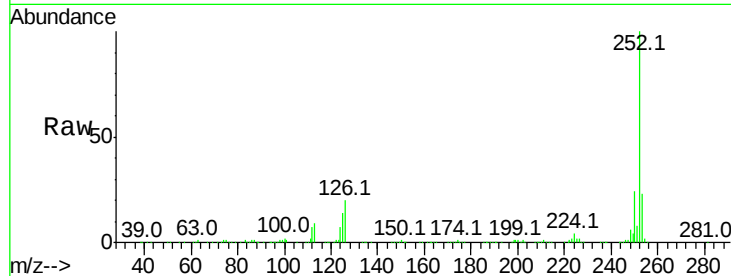




#88
Benzo(k)fluoranthene
Concen: 48.56 ng
RT: 15.81 min Scan# 2367
Delta R.T. -0.02 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

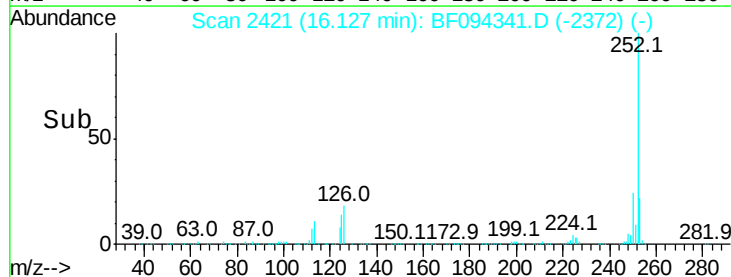
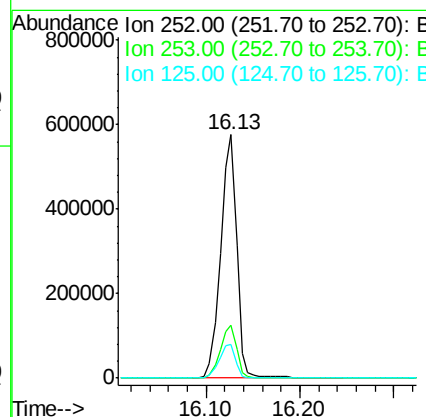
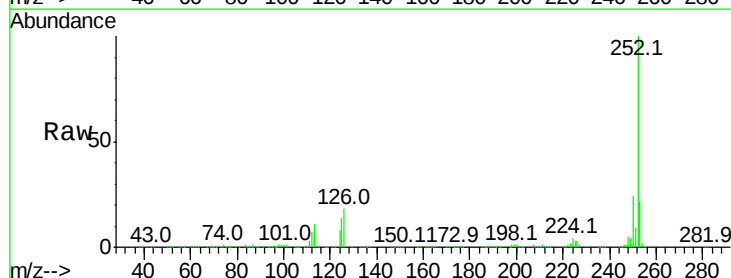
Instrument :
BNA_F
ClientSampleId :

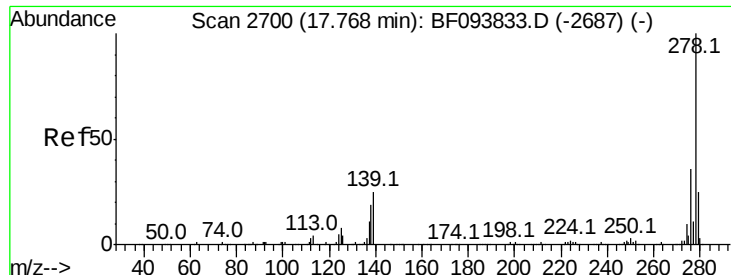
Tot Ion:252 Resp: 720776
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 14.0 13.1 19.7



#89
Benzo(a)pyrene
Concen: 49.65 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF094341.D
Acq: 11 Apr 2017 6:25

Tgt Ion:252 Resp: 693726
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 14.0 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 49.78 ng

RT: 17.52 min Scan# 2658

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

Instrument :

BNA_F

ClientSampleId :

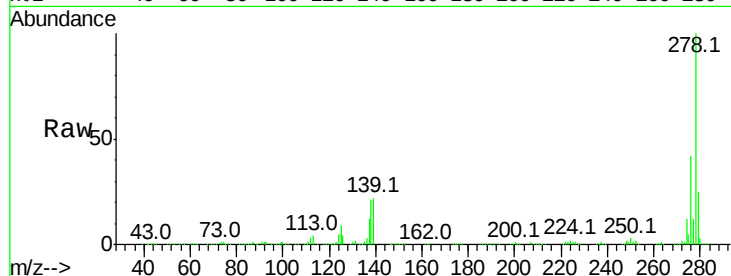
Tot Ion:278 Resp: 588976

Ion Ratio Lower Upper

278 100

139 22.3 16.6 24.8

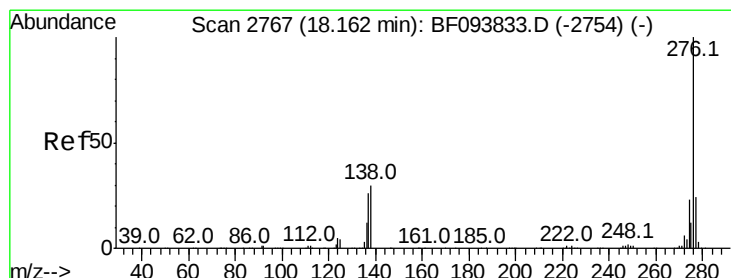
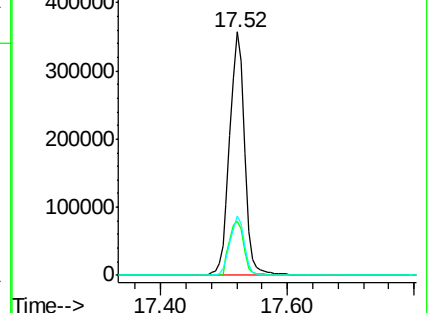
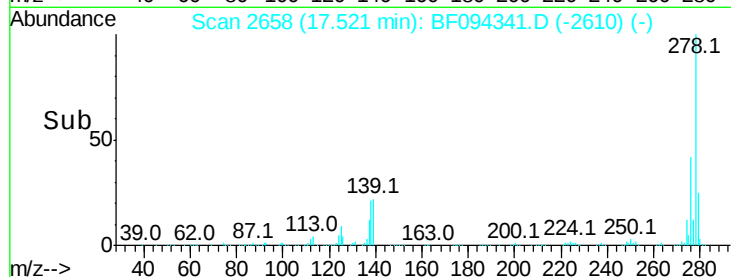
279 24.6 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 47.87 ng

RT: 17.89 min Scan# 2721

Delta R.T. -0.02 min

Lab File: BF094341.D

Acq: 11 Apr 2017 6:25

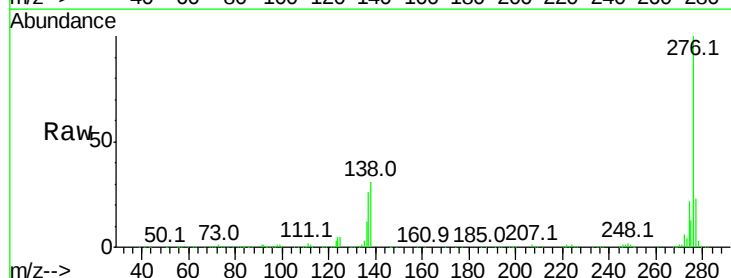
Tgt Ion:276 Resp: 570839

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 31.0 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

