

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094034.D
 Acq On : 29 Mar 2017 22:29
 Operator : SJ/MA
 Sample : I2431-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Quant Time: Mar 30 01:12:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	160240	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	646894	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	287922	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	498221	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	330745	20.00	ng	-0.04
86) Perylene-d12	16.27	264	274187	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1175049	123.86	ng	-0.02
7) Phenol-d6	5.53	99	1575223	134.21	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1075170	94.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	285198	125.35	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	1835745	97.25	ng	-0.03
78) Terphenyl-d14	13.37	244	1338446	90.71	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	182219	39.98	ng	99
3) Pyridine	2.80	79	492281	39.63	ng	98
4) n-Nitrosodimethylamine	2.77	42	250610	49.03	ng	92
6) Aniline	5.55	93	236963	14.51	ng	# 1
8) 2-Chlorophenol	5.69	128	510977	49.00	ng	97
9) Benzaldehyde	5.41	77	142434	17.97	ng	100
10) Phenol	5.55	94	616903	46.19	ng	98
11) bis(2-Chloroethyl)ether	5.63	93	508355	48.71	ng	100
12) 1,3-Dichlorobenzene	5.86	146	561067	47.97	ng	99
13) 1,4-Dichlorobenzene	5.94	146	573227	48.38	ng	96
14) 1,2-Dichlorobenzene	6.12	146	527018	48.30	ng	97
15) Benzyl Alcohol	6.09	79	441551	51.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.25	45	720530	44.80	ng	97
17) 2-Methylphenol	6.23	107	397813	44.54	ng	96
18) Hexachloroethane	6.51	117	202390	48.60	ng	# 85
19) n-Nitroso-di-n-propylamine	6.41	70	374790	49.69	ng	98
20) 3+4-Methylphenols	6.41	107	502924	46.50	ng	# 66
22) Acetophenone	6.40	105	788136	54.66	ng	# 89
24) Nitrobenzene	6.60	77	549374	49.14	ng	92
25) Isophorone	6.89	82	992581	49.83	ng	95
26) 2-Nitrophenol	6.97	139	306404	57.47	ng	96
27) 2,4-Dimethylphenol	7.03	122	396683	43.18	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	647546	49.30	ng	99
29) 2,4-Dichlorophenol	7.26	162	450958	52.50	ng	98
30) 1,2,4-Trichlorobenzene	7.36	180	445428	50.35	ng	98
31) Naphthalene	7.45	128	1533115	49.29	ng	99
32) Benzoic acid	7.16	122	89191	14.58	ng	95
33) 4-Chloroaniline	7.52	127	166663	13.22	ng	94
34) Hexachlorobutadiene	7.61	225	220189	48.54	ng	98
35) Caprolactam	7.97	113	94224	34.40	ng	96
36) 4-Chloro-3-methylphenol	8.14	107	475765	53.01	ng	90
37) 2-Methylnaphthalene	8.30	142	1049234	50.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	380247	48.28	ng	99
40) Hexachlorocyclopentadiene	8.49	237	304772	82.69	ng	99

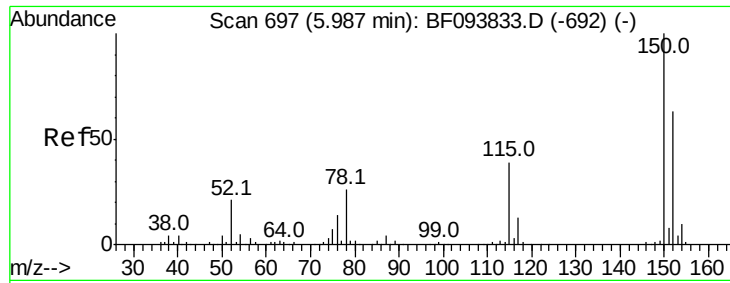
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	301258	54.06	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	302999	50.25	nq	94
45) 1,1'-Biphenyl	8.87	154	1145755	49.34	nq	97
46) 2-Chloronaphthalene	8.89	162	908015	49.95	nq	95
47) 2-Nitroaniline	9.02	65	280685	52.05	nq	88
48) Acenaphthylene	9.40	152	1445383	47.84	nq	99
49) Dimethylphthalate	9.26	163	1173494	57.34	nq	99
50) 2,6-Dinitrotoluene	9.33	165	246305	52.50	nq	94
51) Acenaphthene	9.61	154	847092	48.05	nq	99
52) 3-Nitroaniline	9.52	138	156769	28.46	nq	91
53) 2,4-Dinitrophenol	9.66	184	121936	50.40	nq	# 67
54) Dibenzofuran	9.83	168	1195776	49.83	nq	99
55) 4-Nitrophenol	9.76	139	400297	92.78	nq	# 66
56) 2,4-Dinitrotoluene	9.82	165	297671	50.51	nq	# 72
57) Fluorene	10.25	166	896740	45.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	225701	54.55	nq	97
59) Diethylphthalate	10.13	149	1040234	51.42	nq	100
60) 4-Chlorophenyl-phenylether	10.25	204	383122	45.19	nq	92
61) 4-Nitroaniline	10.29	138	246642	46.65	nq	96
62) Azobenzene	10.45	77	979736	51.20	nq	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	132681	43.48	nq	# 71
65) n-Nitrosodiphenylamine	10.40	169	840759	48.80	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	246787	50.36	nq	98
67) Hexachlorobenzene	10.92	284	248412	50.08	nq	# 87
68) Atrazine	11.07	200	263958	51.15	nq	96
69) Pentachlorophenol	11.17	266	258599	83.76	nq	98
70) Phenanthrene	11.43	178	1385668	50.00	nq	99
71) Anthracene	11.49	178	1348978	47.27	nq	99
72) Carbazole	11.69	167	1264373	43.21	nq	98
73) Di-n-butylphthalate	12.14	149	1532652	50.36	nq	99
74) Fluoranthene	12.89	202	1335013	47.04	nq	99
76) Benzidine	13.05	184	39666	3.03	nq	# 94
77) Pyrene	13.16	202	1372819	57.19	nq	99
79) Butylbenzylphthalate	13.98	149	621746	60.79	nq	# 87
80) Benzo(a)anthracene	14.63	228	971406	50.37	nq	100
81) 3,3'-Dichlorobenzidine	14.60	252	174251	25.28	nq	98
82) Chrysene	14.68	228	838494	46.85	nq	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	825605	59.17	nq	100
84) Di-n-octyl phthalate	15.45	149	1321140	56.68	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	716885	46.25	nq	99
87) Benzo(b)fluoranthene	15.87	252	769184	45.77	nq	99
88) Benzo(k)fluoranthene	15.90	252	725058	44.09	nq	96
89) Benzo(a)pyrene	16.22	252	711761	45.99	nq	99
90) Dibenzo(a,h)anthracene	17.66	278	600126	45.79	nq	97
91) Benzo(g,h,i)perylene	18.04	276	586544	44.40	nq	99

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

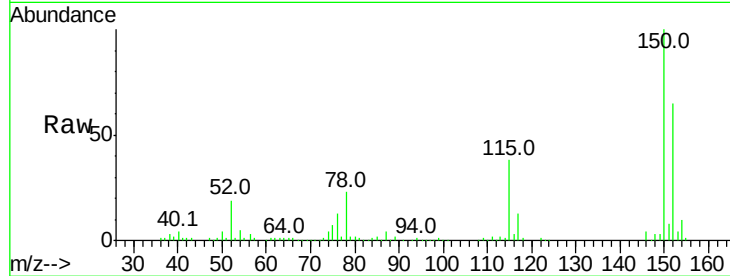


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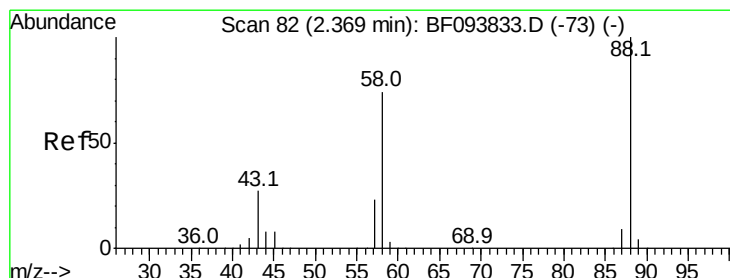
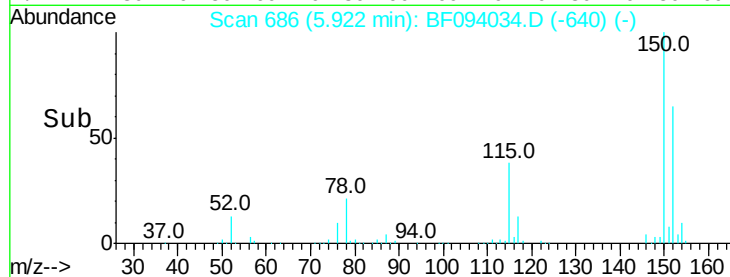
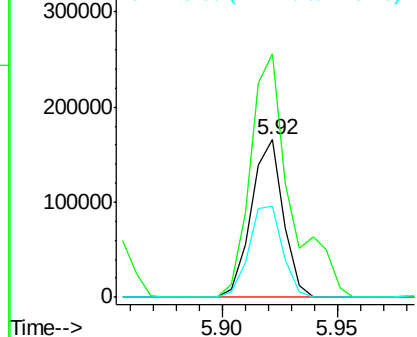
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion:152 Resp: 160240
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 58.2 52.2 78.2



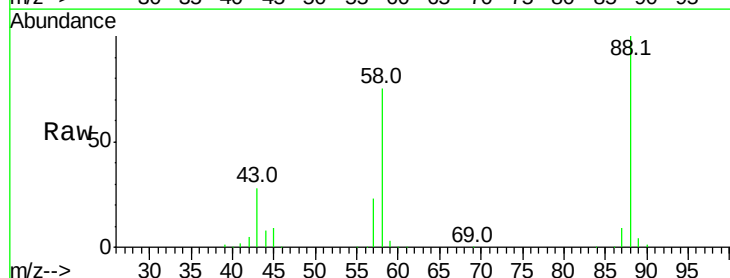
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



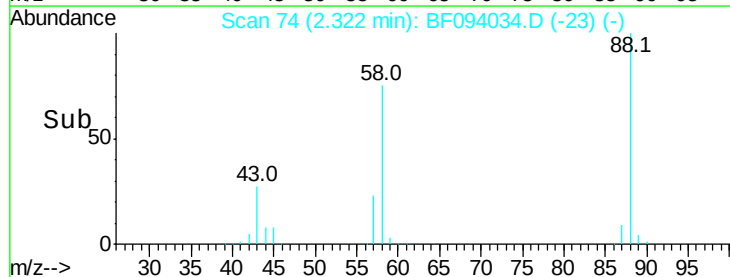
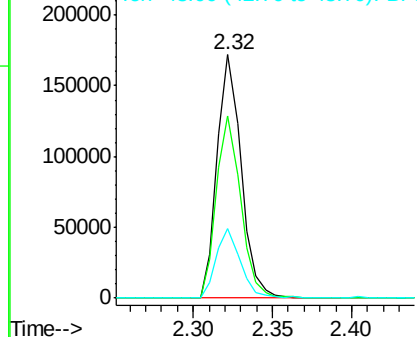
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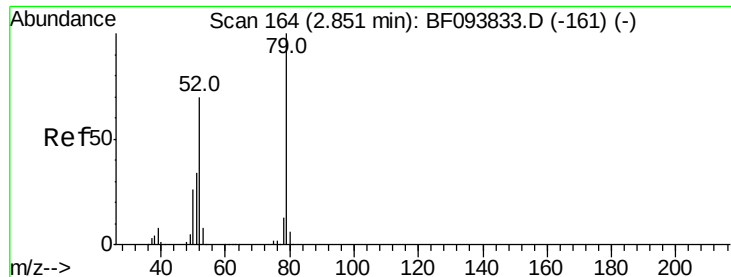
1,4-Dioxane
Concen: 39.98 ng
RT: 2.32 min Scan# 74
Delta R.T. -0.00 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion: 88 Resp: 182219
Ion Ratio Lower Upper
88 100
58 75.9 61.4 92.0
43 28.5 23.4 35.0



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





#3

Pvridine

Concen: 39.63 ng

RT: 2.80 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

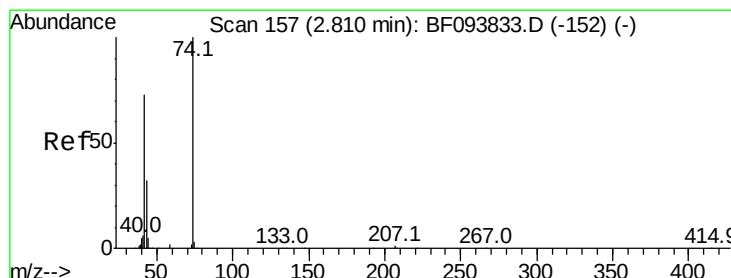
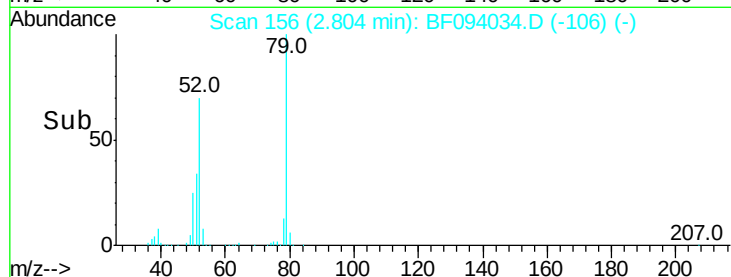
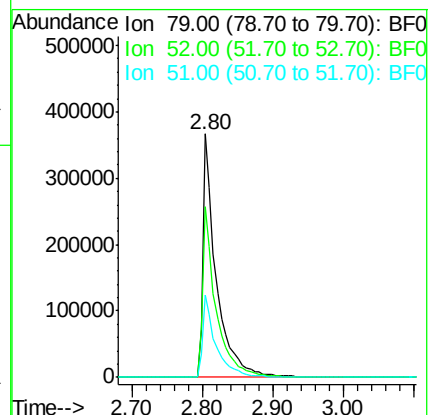
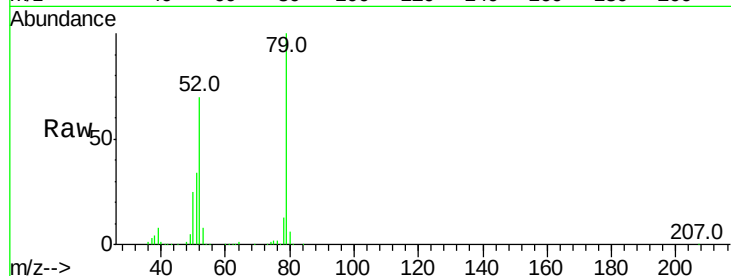
Tot Ion: 79 Resp: 492281

Ion Ratio Lower Upper

79 100

52 70.2 54.8 82.2

51 33.9 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 49.03 ng

RT: 2.77 min Scan# 150

Delta R.T. -0.01 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

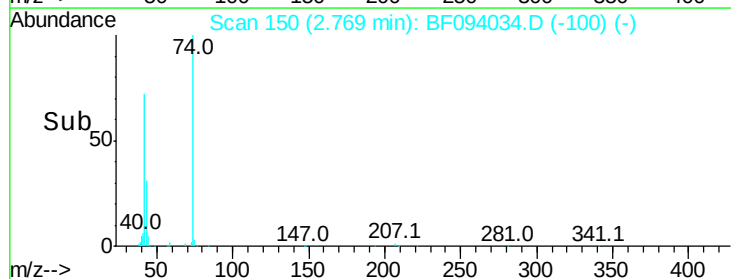
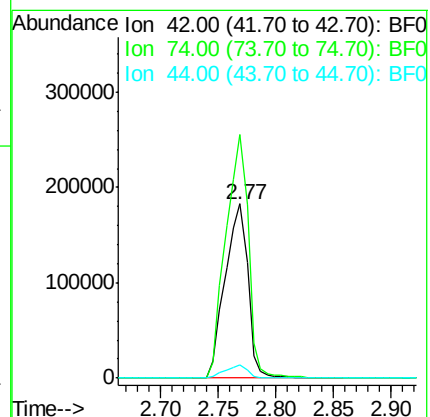
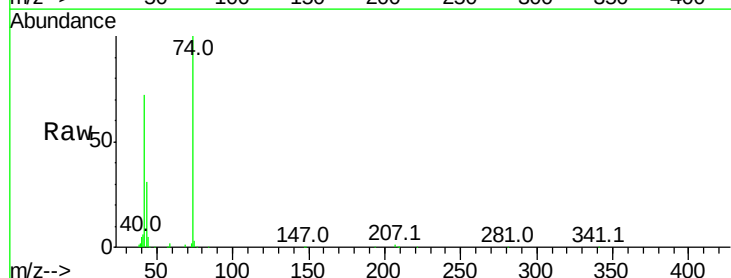
Tgt Ion: 42 Resp: 250610

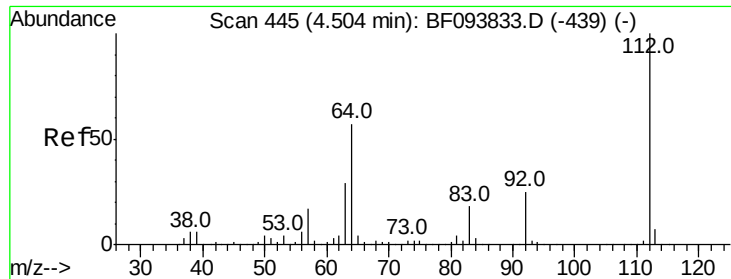
Ion Ratio Lower Upper

42 100

74 139.6 103.9 155.9

44 7.3 5.7 8.5

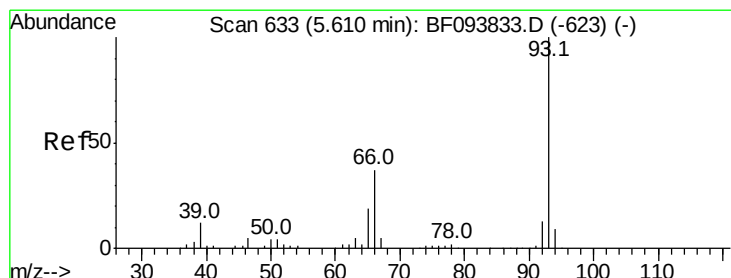
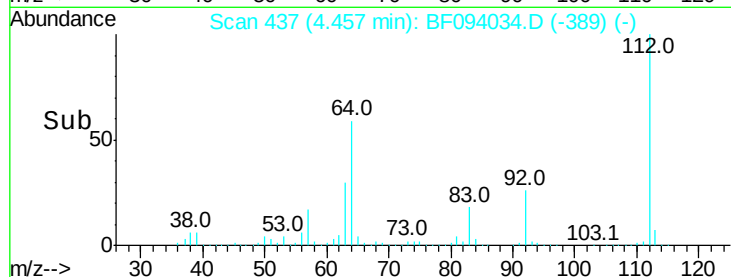
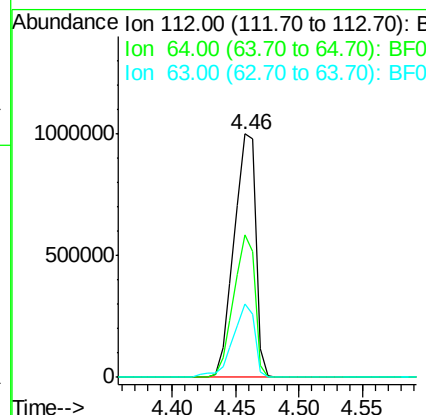
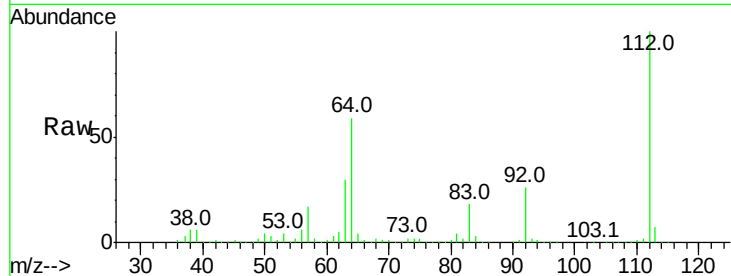




#5
 2-Fluorophenol
 Concen: 123.86 ng
 RT: 4.46 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

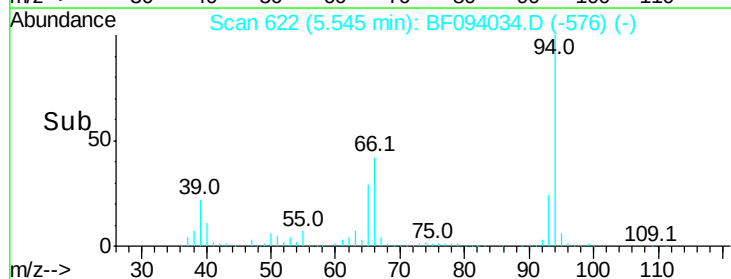
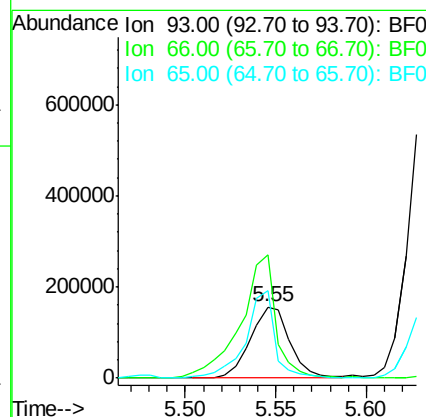
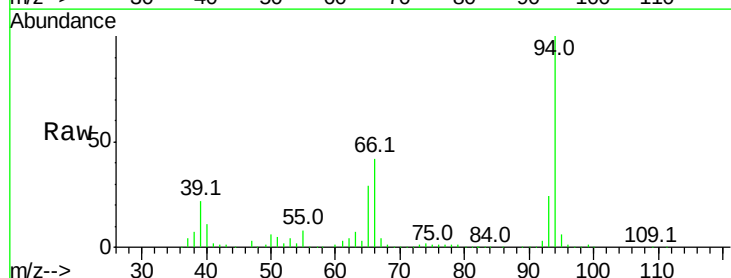
Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

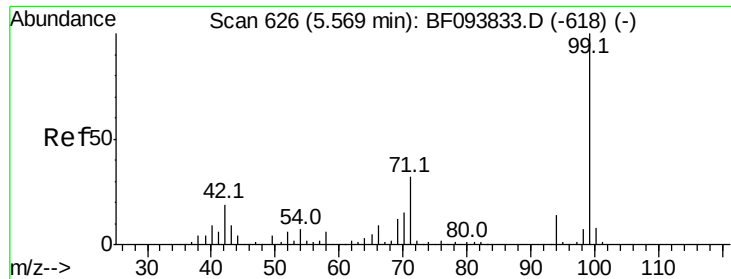
Tot Ion:112 Resp: 1175049
 Ion Ratio Lower Upper
 112 100
 64 58.6 46.0 69.0
 63 30.3 23.4 35.0



#6
 Aniline
 Concen: 14.51 ng
 RT: 5.55 min Scan# 622
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion: 93 Resp: 236963
 Ion Ratio Lower Upper
 93 100
 66 173.7 32.9 49.3#
 65 122.3 16.0 24.0#





#7

Phenol-d6

Concen: 134.21 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

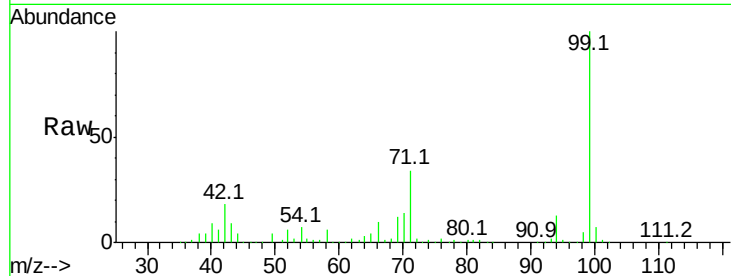
Tot Ion: 99 Resp: 1575223

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

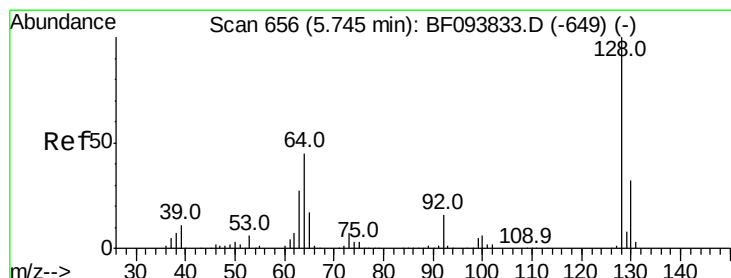
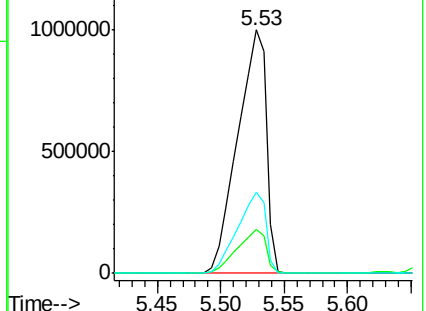
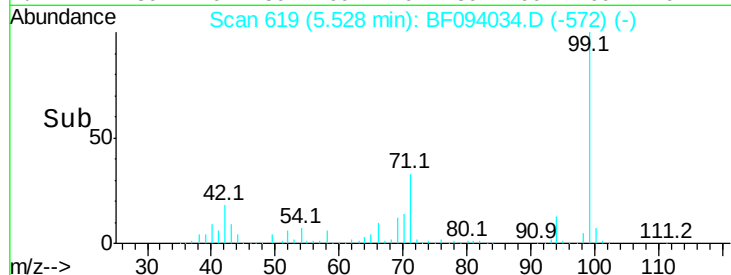
71 33.5 24.5 36.7



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: 49.00 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

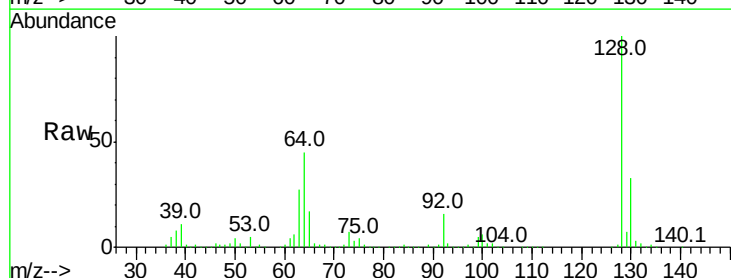
Tgt Ion:128 Resp: 510977

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

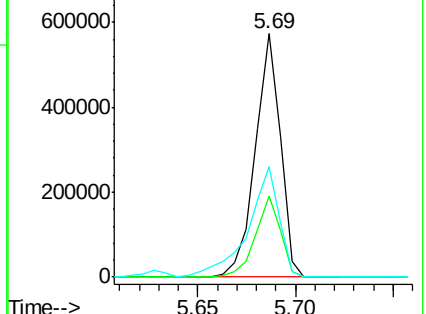
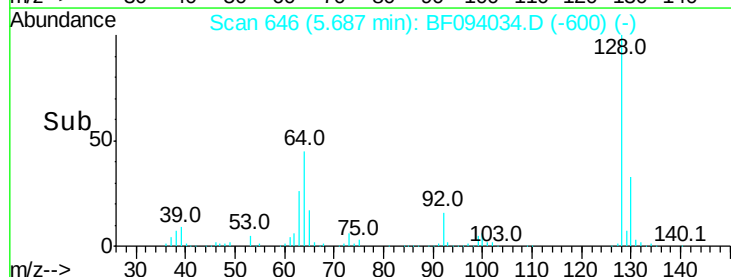
64 45.5 28.4 68.4

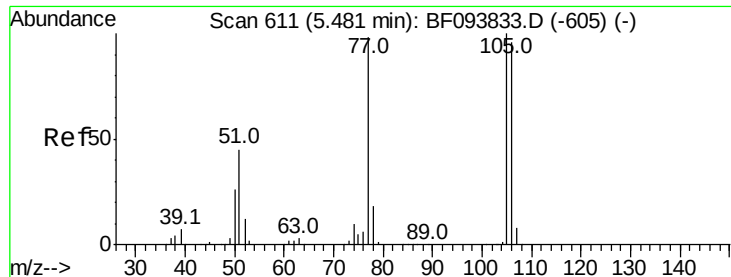


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.97 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.04 min

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Acq: 29 Mar 2017 22:29

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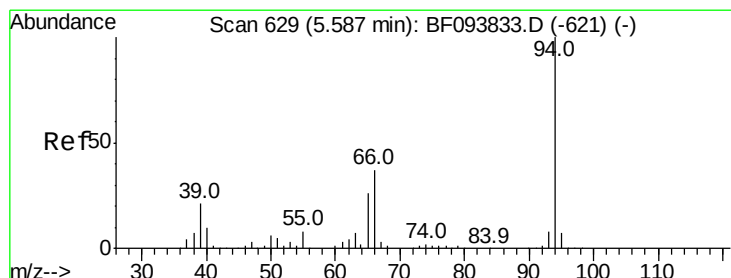
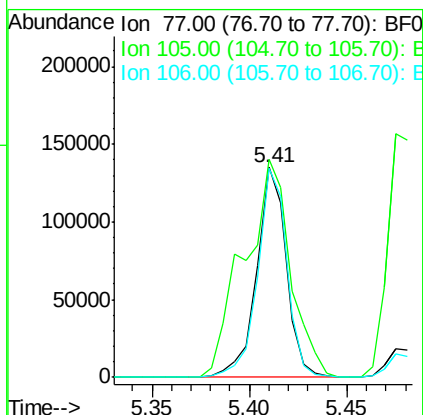
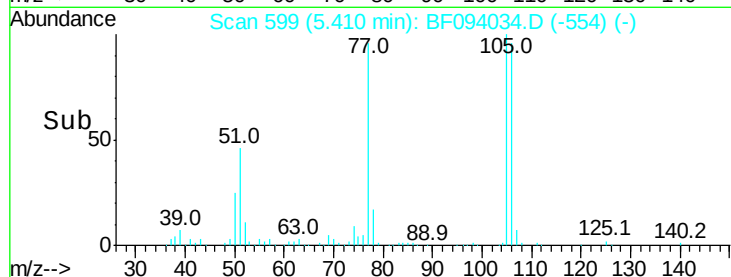
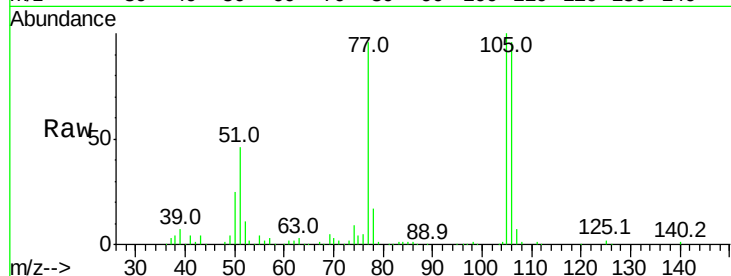
Tot Ion: 77 Resp: 142434

Ion Ratio Lower Upper

77 100

105 103.8 83.8 123.8

106 99.3 79.1 119.1



#10

Phenol

Concen: 46.19 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

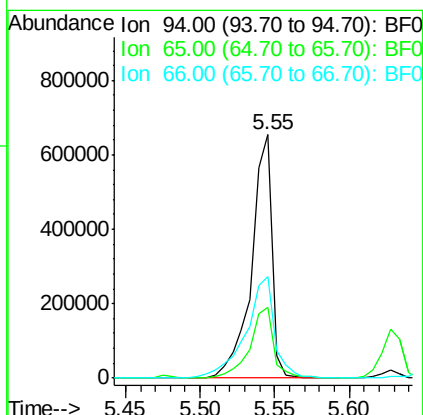
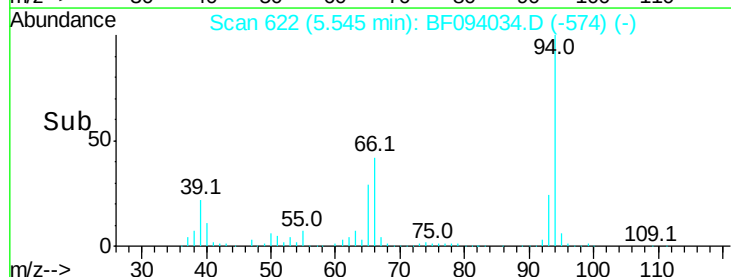
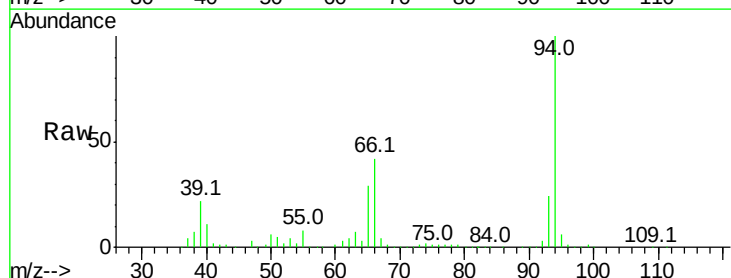
Tgt Ion: 94 Resp: 616903

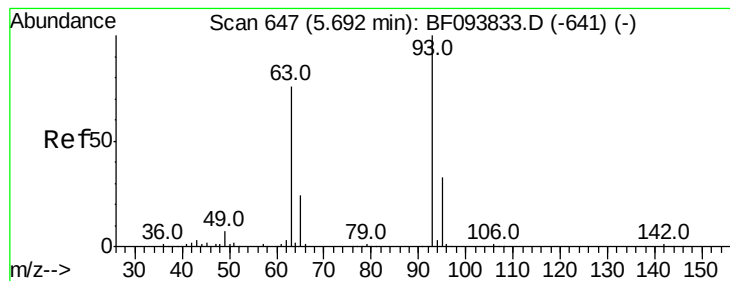
Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

66 41.5 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 48.71 ng

RT: 5.63 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

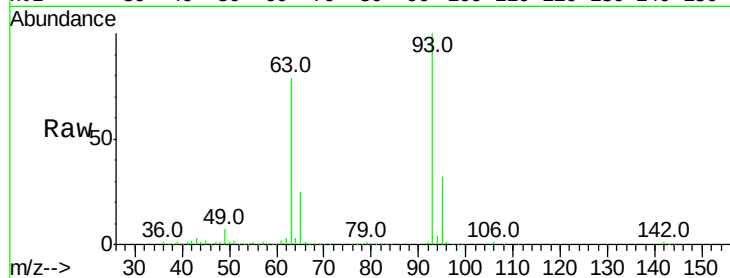
Tot Ion: 93 Resp: 508355

Ion Ratio Lower Upper

93 100

63 79.1 59.2 99.2

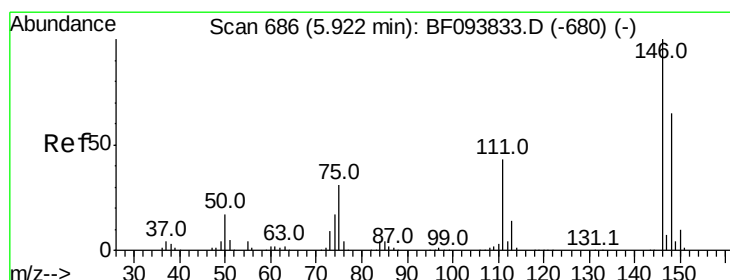
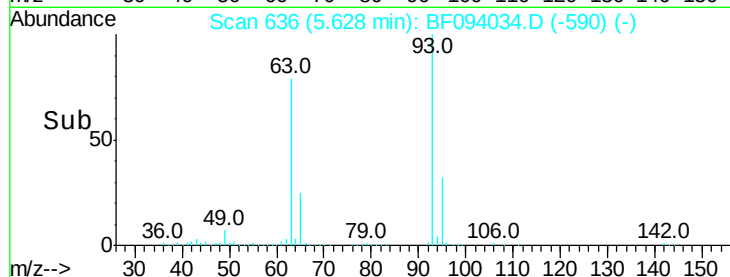
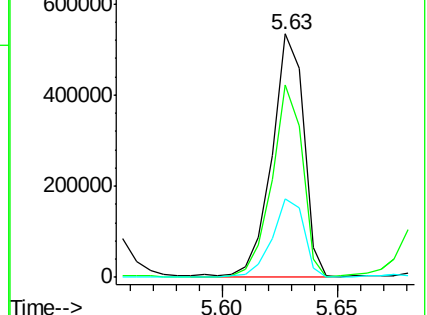
95 32.1 12.8 52.8



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: 47.97 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

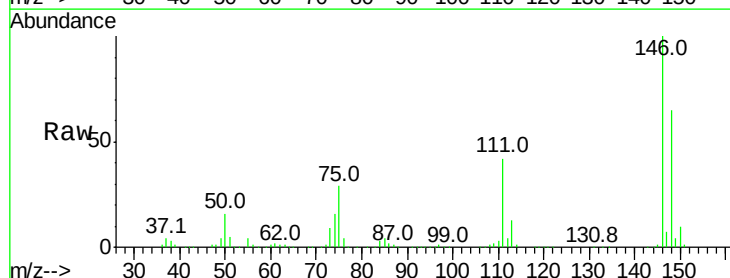
Tgt Ion: 146 Resp: 561067

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.6

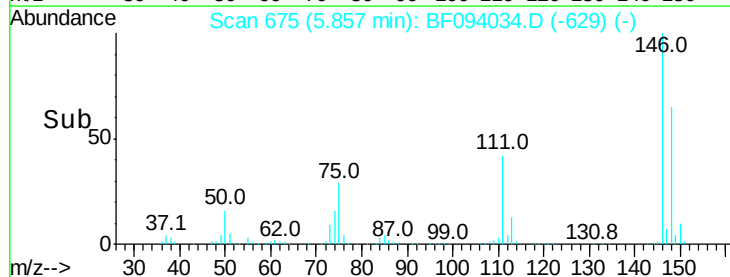
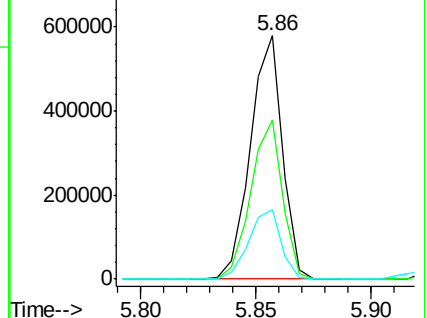
75 28.8 23.1 34.7

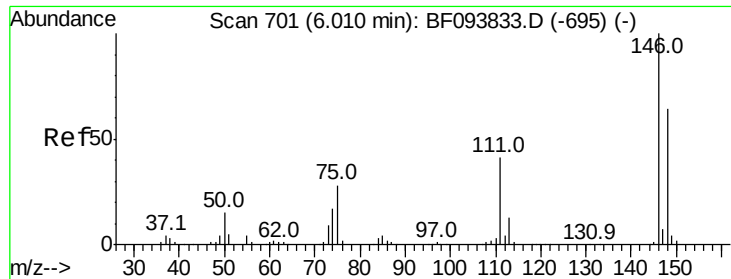


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

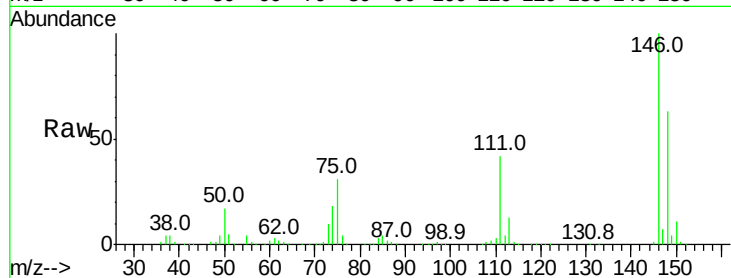




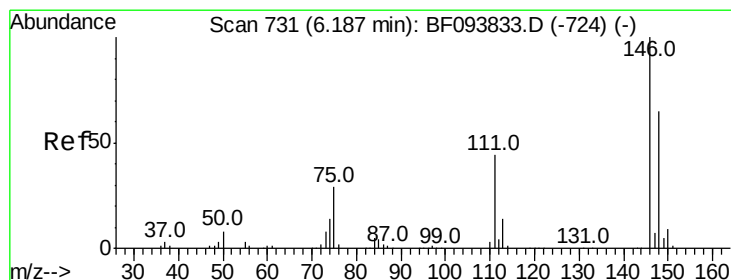
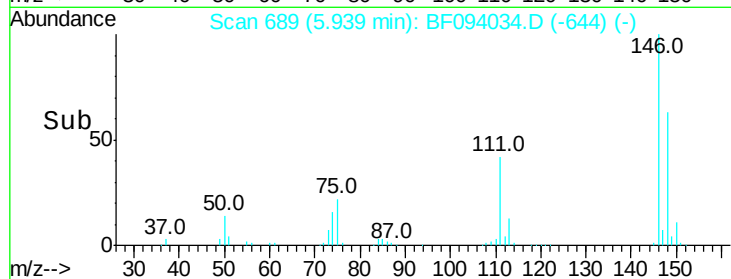
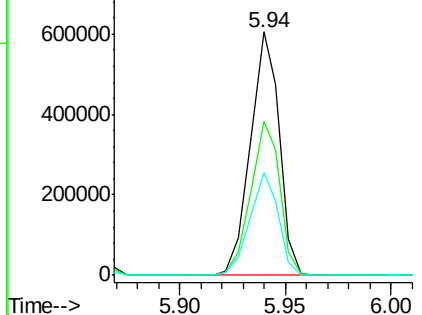
#13
 1,4-Dichlorobenzene
 Concen: 48.38 ng
 RT: 5.94 min Scan# 689
 Delta R.T. -0.04 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion:146 Resp: 573227
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 42.4 30.3 45.5

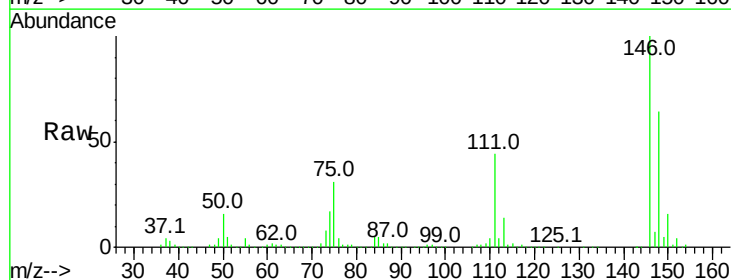


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

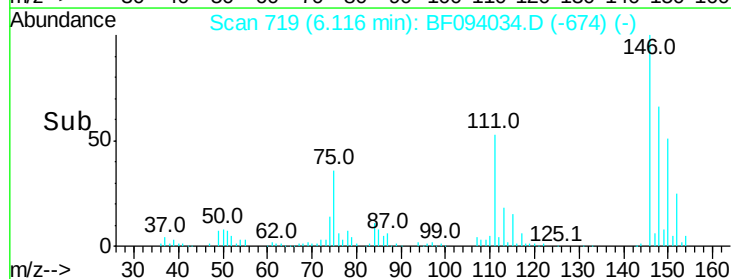
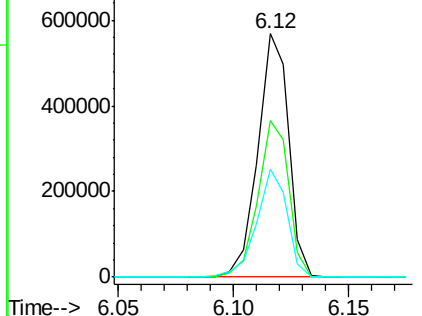


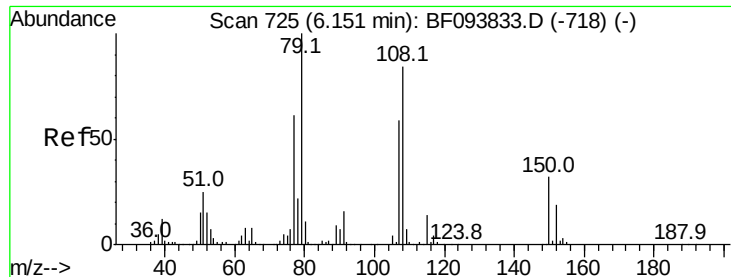
#14
 1,2-Dichlorobenzene
 Concen: 48.30 ng
 RT: 6.12 min Scan# 719
 Delta R.T. -0.04 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion:146 Resp: 527018
 Ion Ratio Lower Upper
 146 100
 148 64.3 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: 51.40 ng

RT: 6.09 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

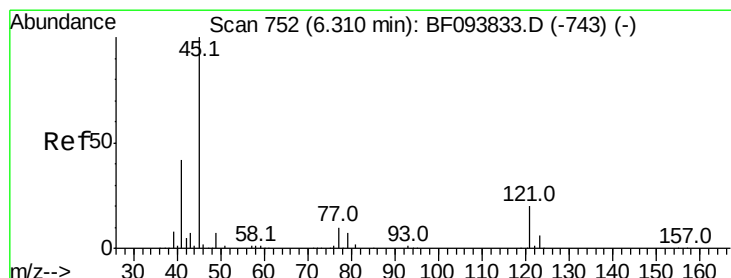
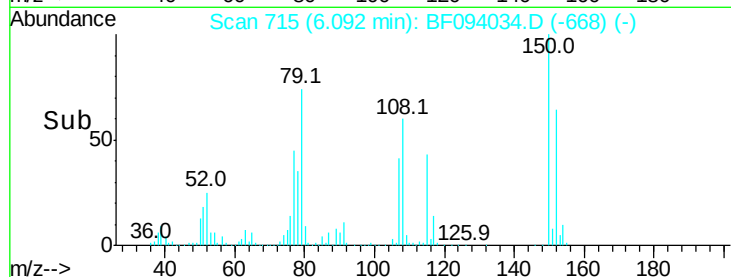
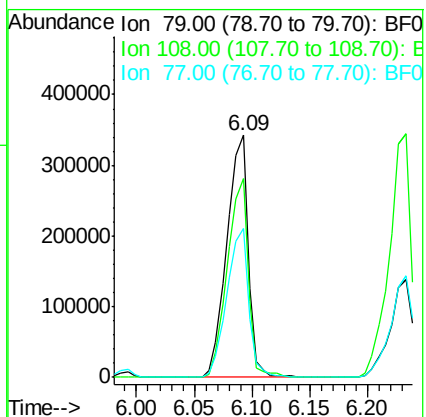
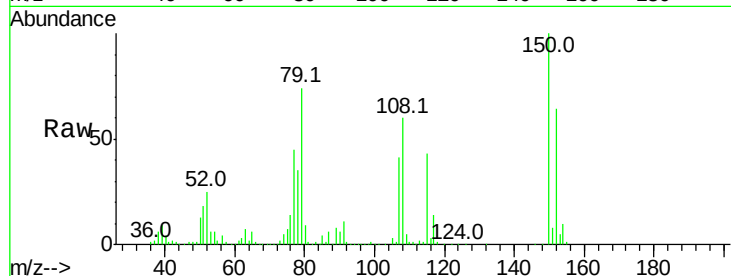
Tot Ion: 79 Resp: 441551

Ion Ratio Lower Upper

79 100

108 82.0 63.4 95.0

77 61.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.80 ng

RT: 6.25 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

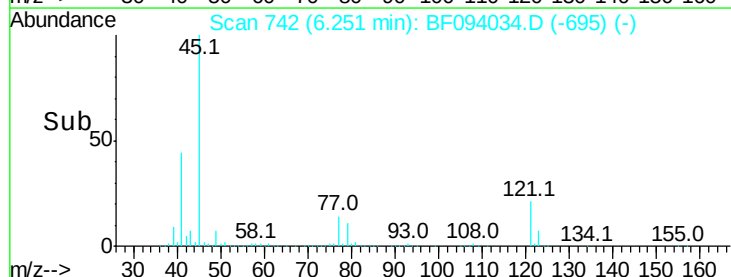
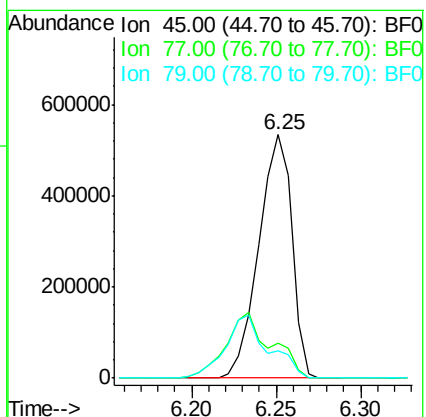
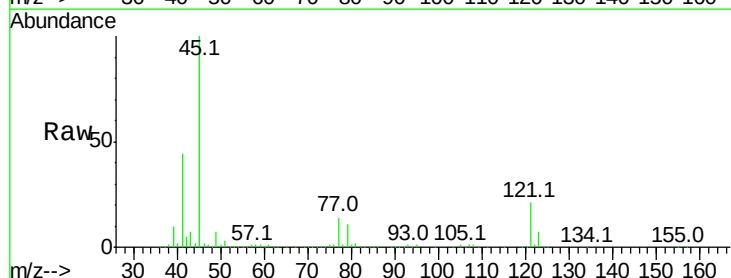
Tgt Ion: 45 Resp: 720530

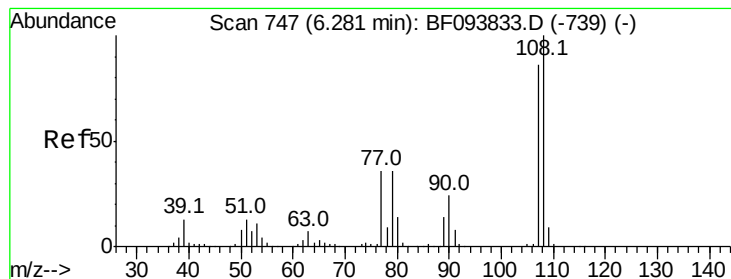
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.2

79 11.5 0.0 30.0

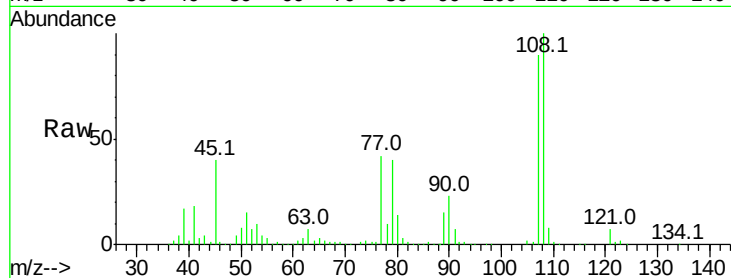




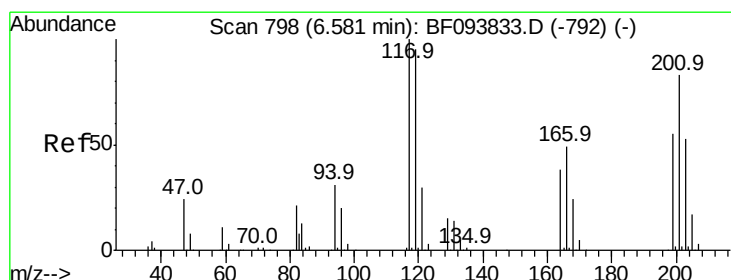
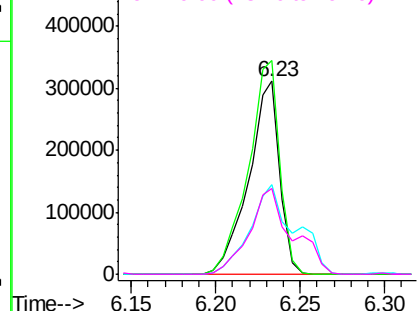
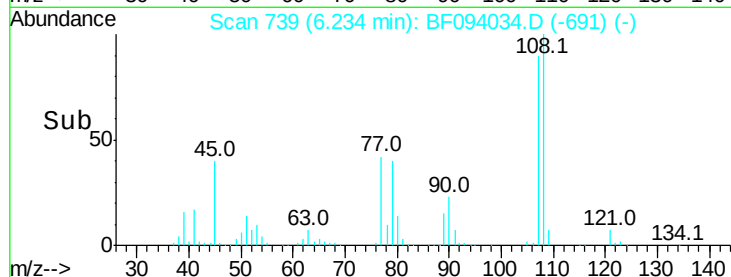
#17
2-Methylphenol
Concen: 44.54 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion:	107	Resp:	397813
Ion	Ratio	Lower	Upper
107	100		
108	110.7	93.4	140.0
77	46.4	35.8	53.6
79	44.5	34.8	52.2

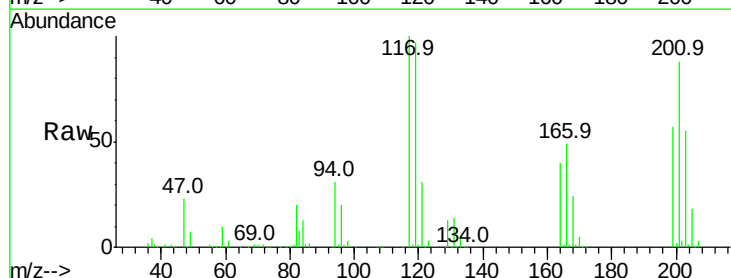


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

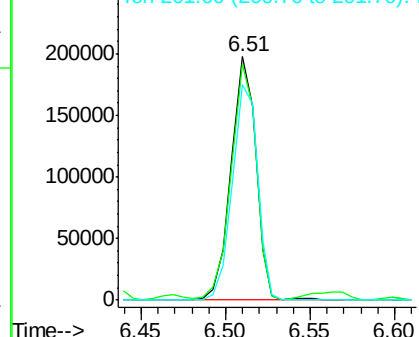
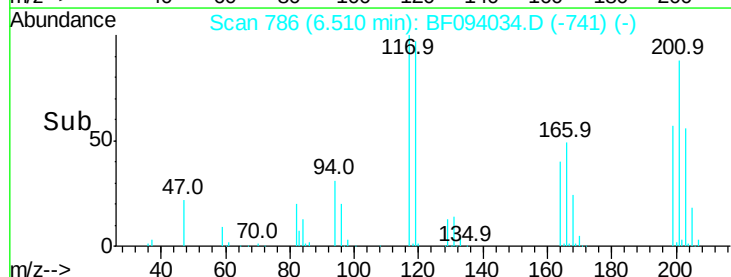


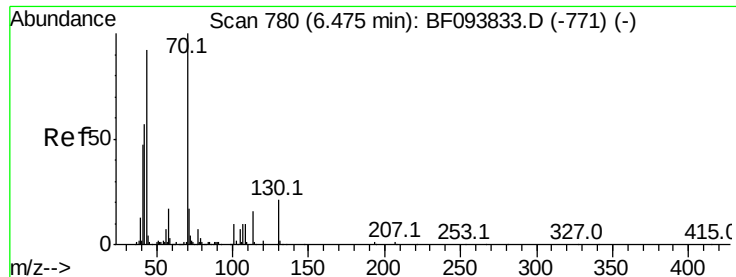
#18
Hexachloroethane
Concen: 48.60 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion:	117	Resp:	202390
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
201	88.3	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

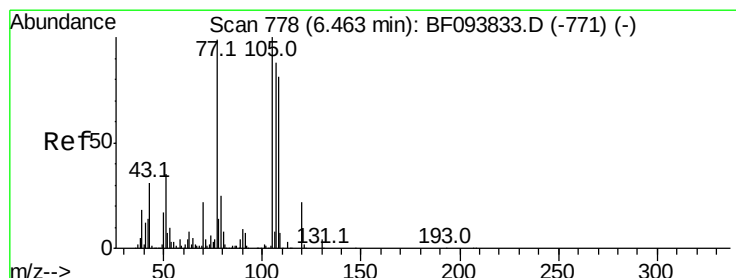
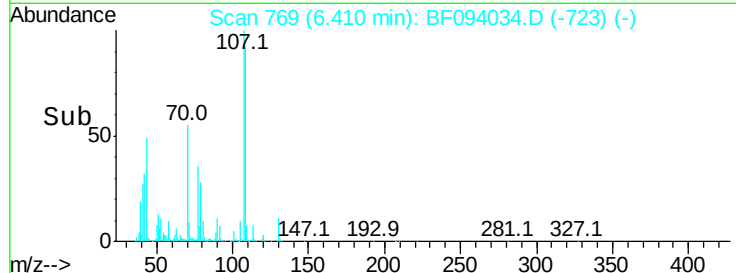
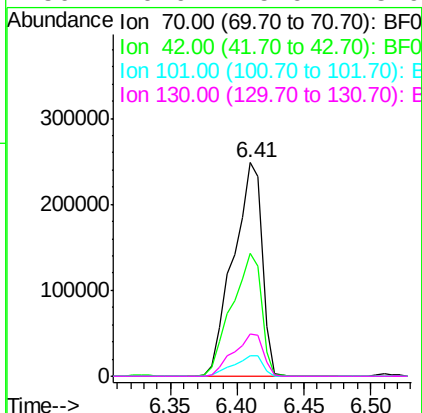
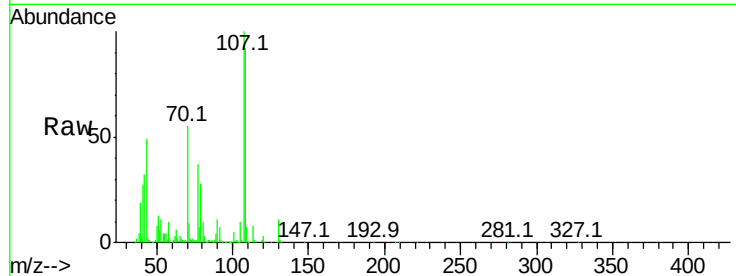




#19
n-Nitroso-di-n-propylamine
Concen: 49.69 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

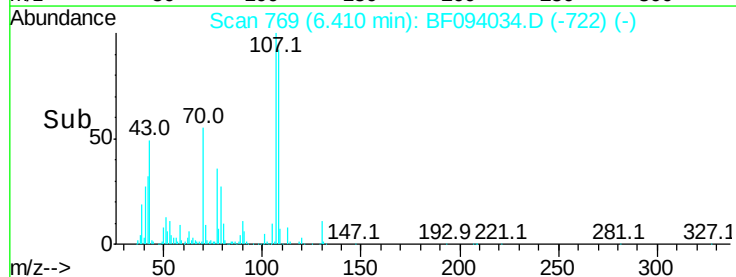
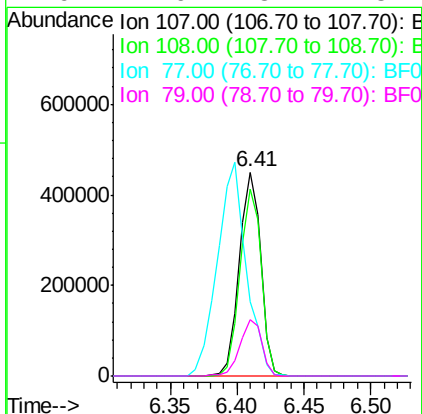
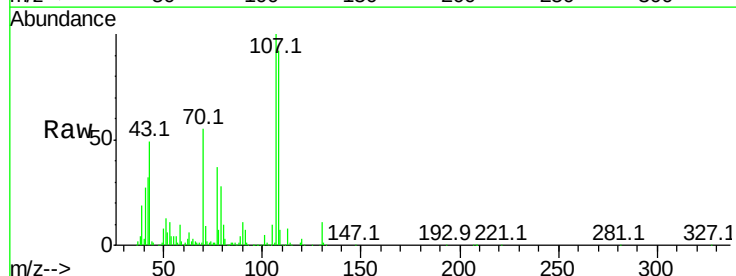
Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

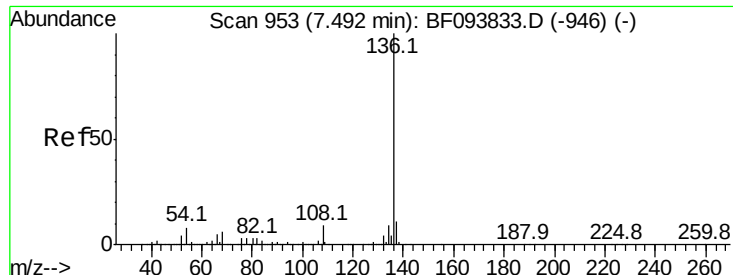
Tot Ion: 70 Resp: 374790
Ion Ratio Lower Upper
70 100
42 57.4 47.2 70.8
101 9.7 7.2 10.8
130 19.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 46.50 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion: 107 Resp: 502924
Ion Ratio Lower Upper
107 100
108 91.8 71.0 111.0
77 36.5 90.5 130.5#
79 27.9 8.4 48.4

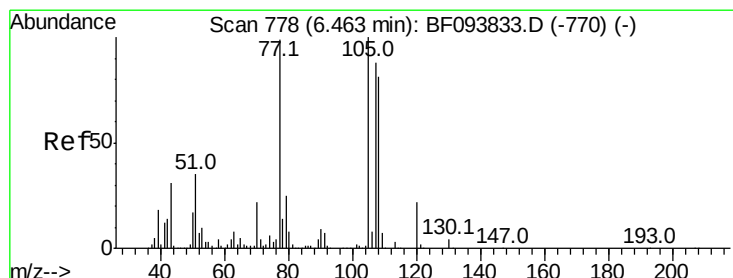
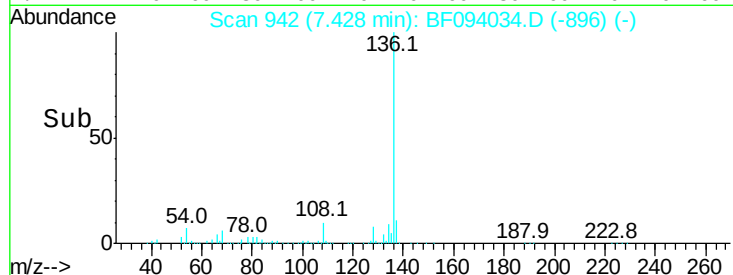
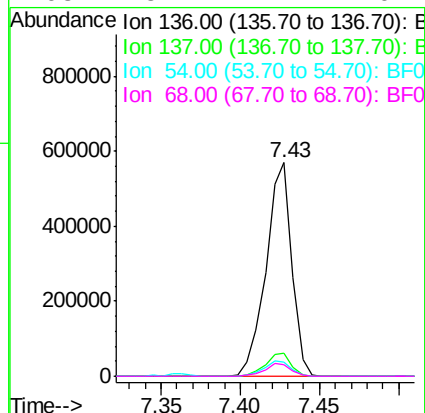
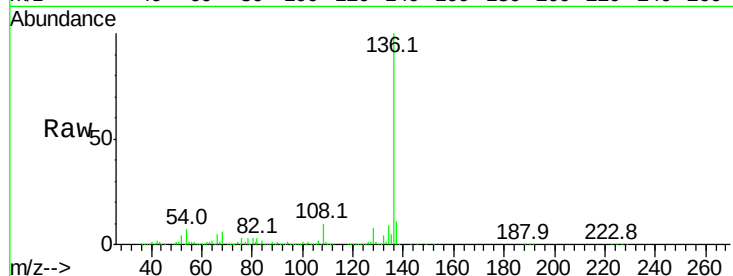




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

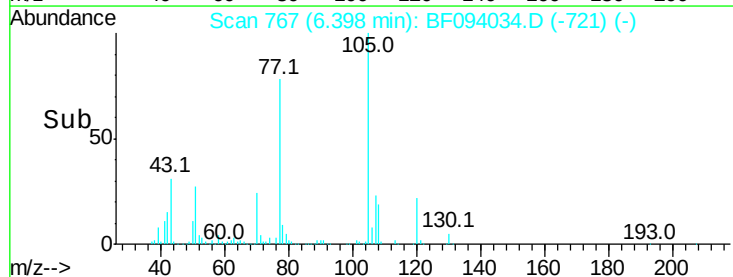
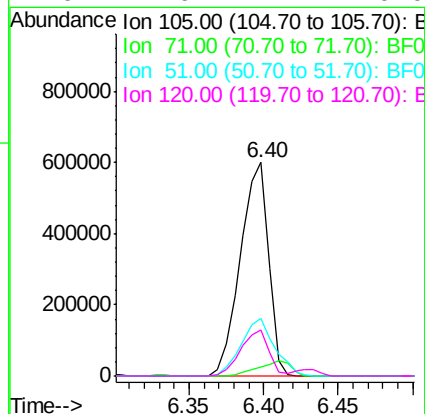
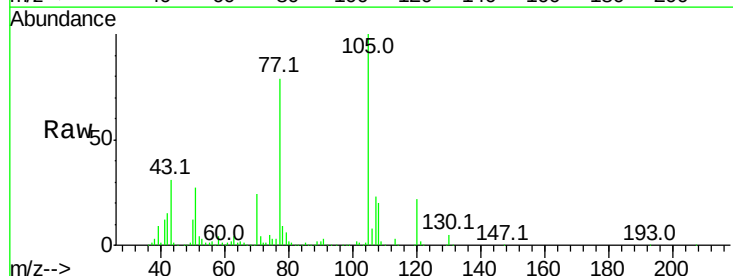
Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

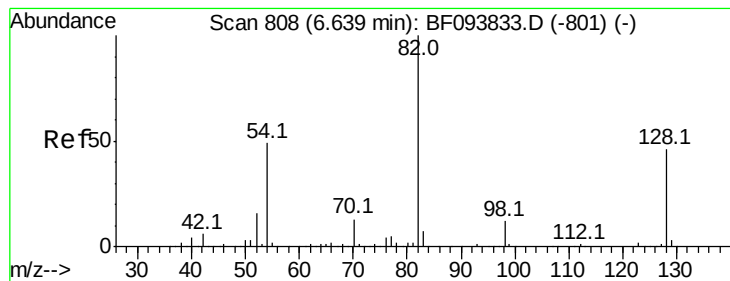
Tot Ion:136	Resp:	646894	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.5	12.7	
54 6.9	4.9	7.3	
68 5.7	4.1	6.1	



#22
Acetophenone
Concen: 54.66 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt	Ion:105	Resp:	788136
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.8	4.2
51	27.2	30.7	46.1#
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 94.85 ng

RT: 6.57 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

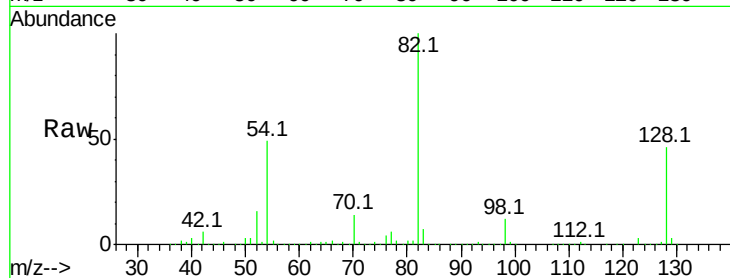
Tot Ion: 82 Resp: 1075170

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

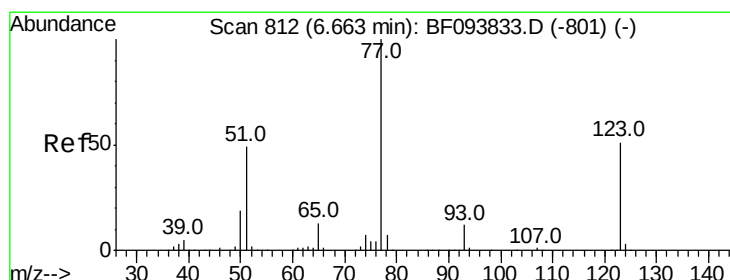
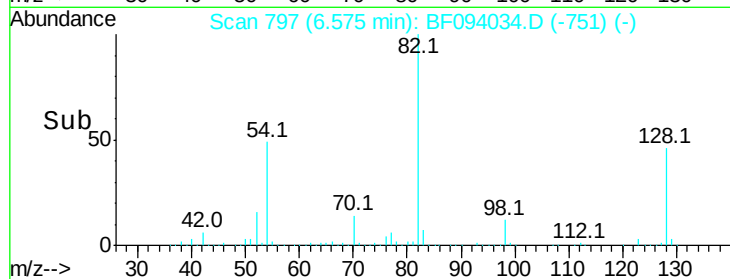
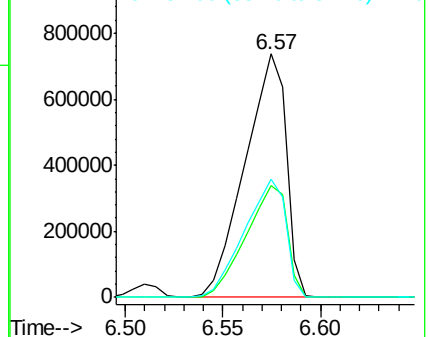
54 48.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 49.14 ng

RT: 6.60 min Scan# 801

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

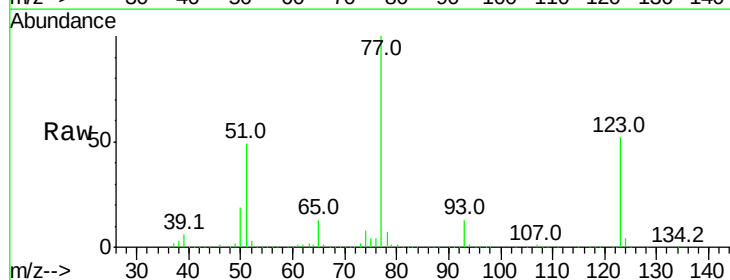
Tgt Ion: 77 Resp: 549374

Ion Ratio Lower Upper

77 100

123 51.9 35.8 53.8

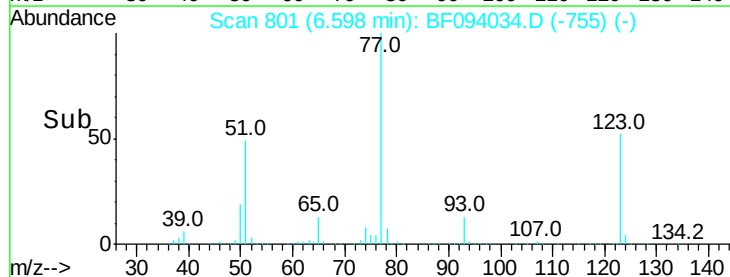
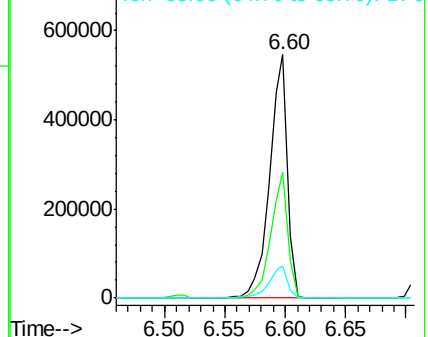
65 13.1 10.6 15.8

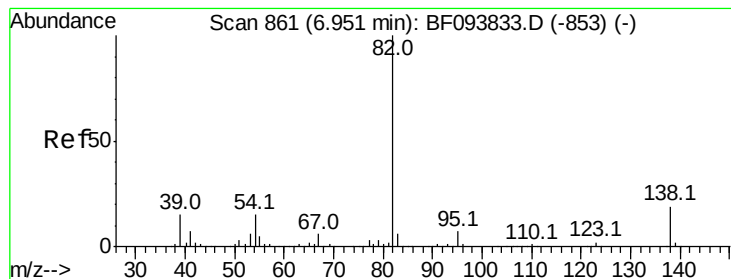


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.83 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

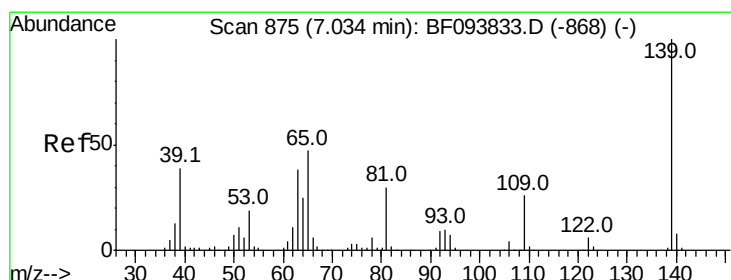
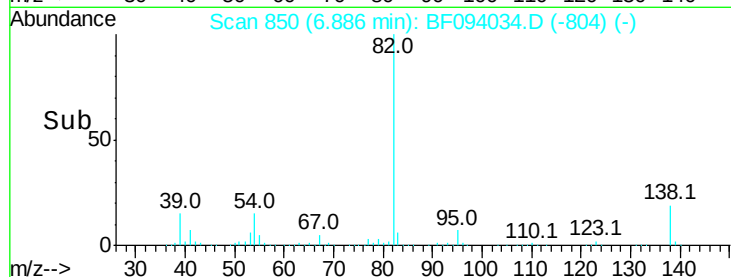
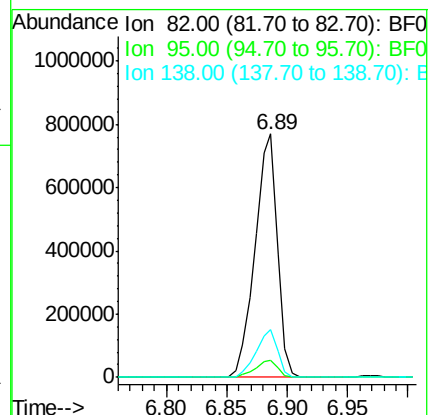
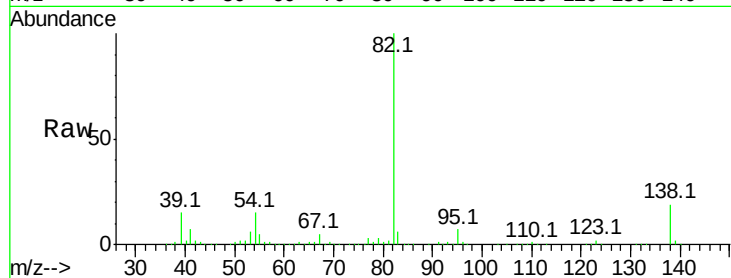
Tot Ion: 82 Resp: 992581

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 57.47 ng

RT: 6.97 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

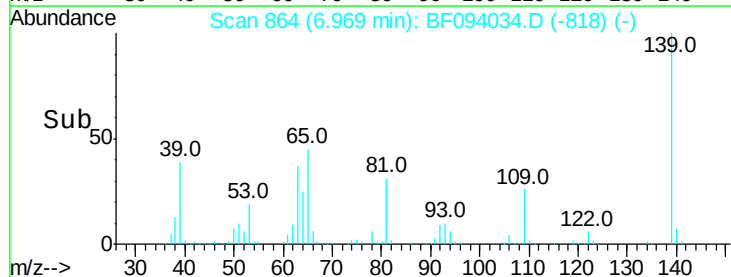
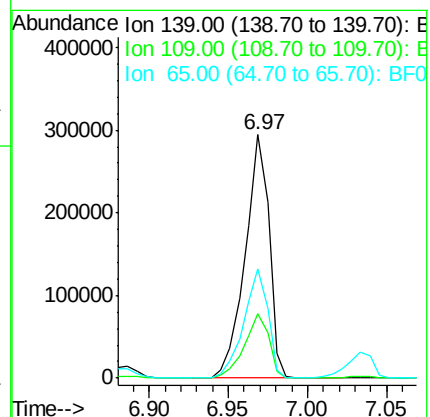
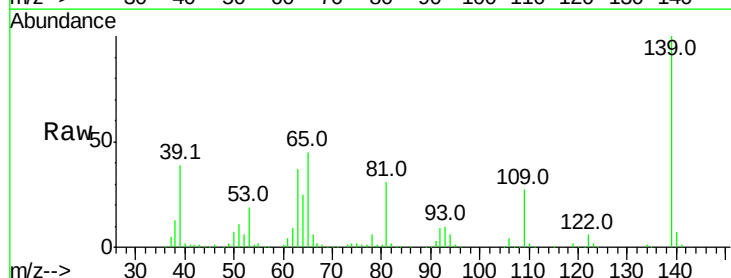
Tgt Ion: 139 Resp: 306404

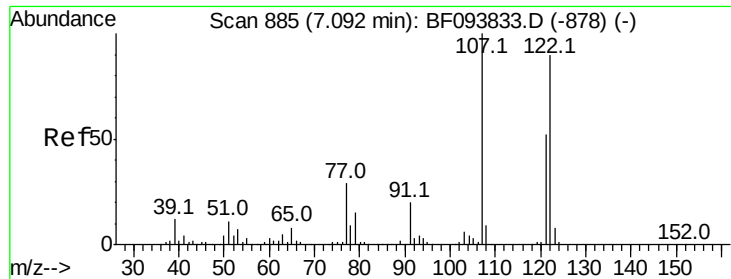
Ion Ratio Lower Upper

139 100

109 26.7 21.0 31.6

65 44.8 33.0 49.6

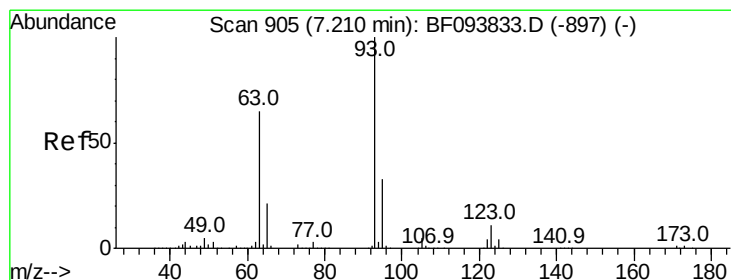
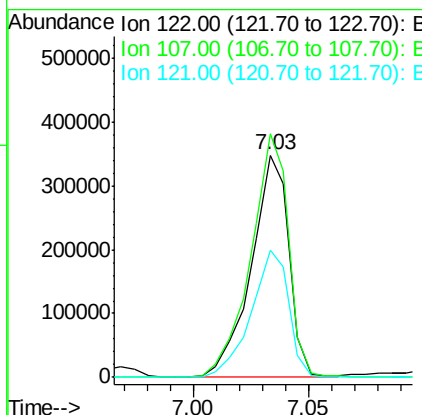
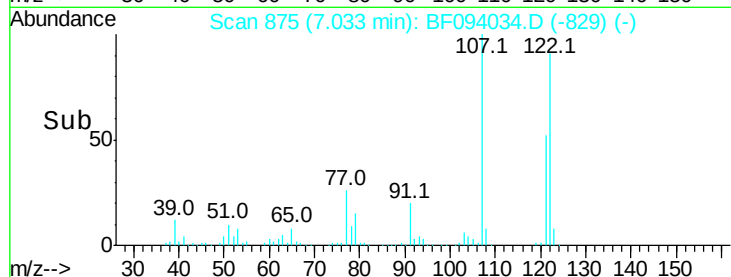
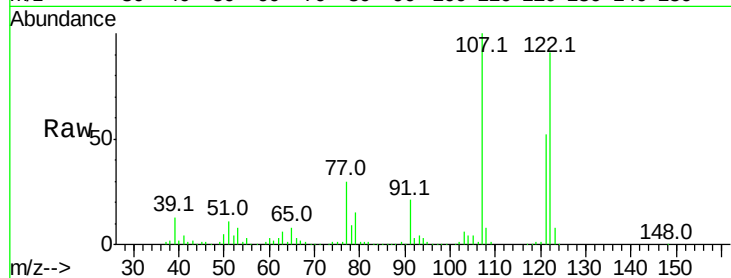




#27
 2,4-Dimethylphenol
 Concen: 43.18 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

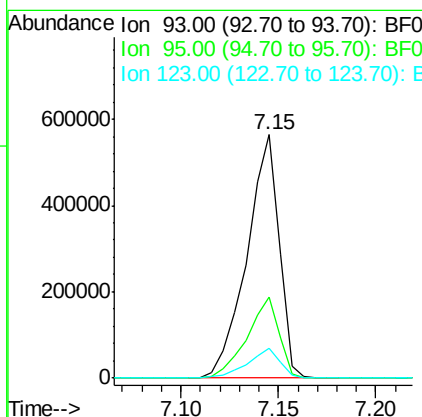
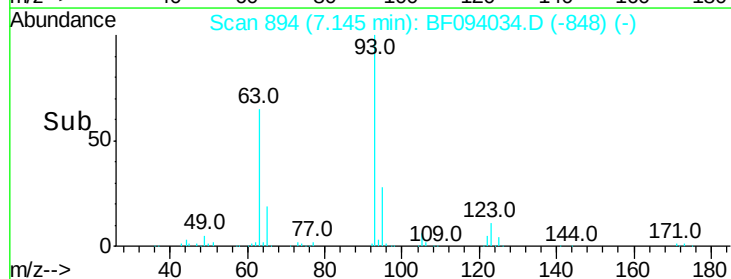
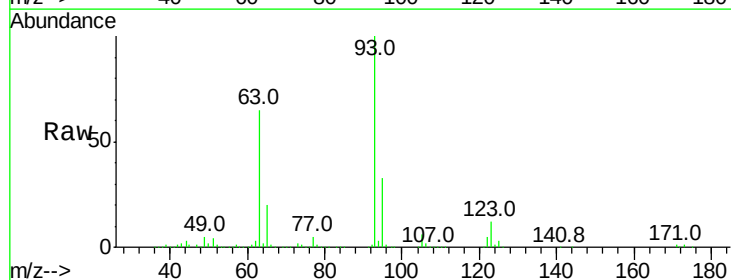
Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

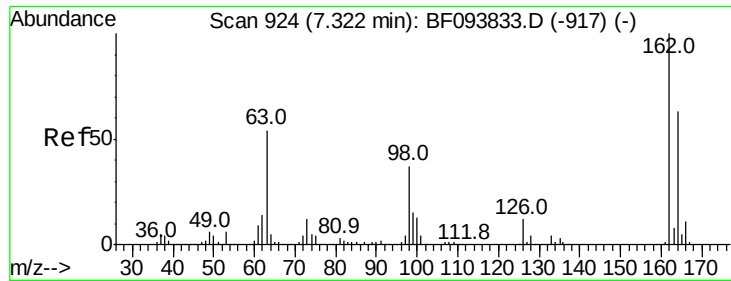
Tot Ion:122 Resp: 396683
 Ion Ratio Lower Upper
 122 100
 107 109.6 89.2 133.8
 121 57.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.30 ng
 RT: 7.15 min Scan# 894
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion: 93 Resp: 647546
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 12.0 9.0 13.4

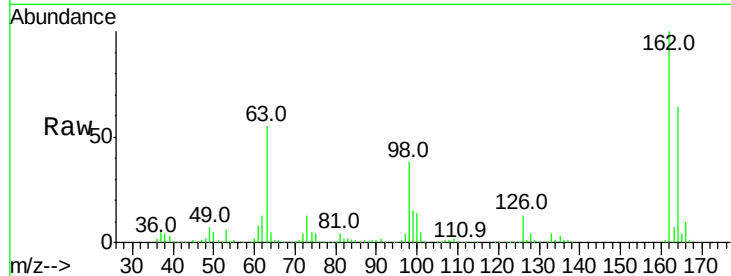




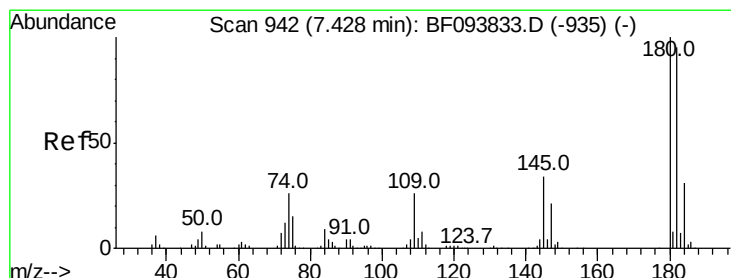
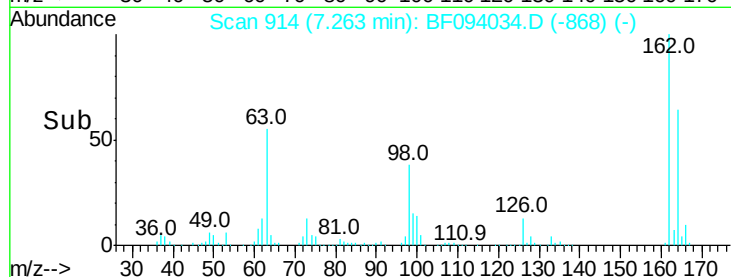
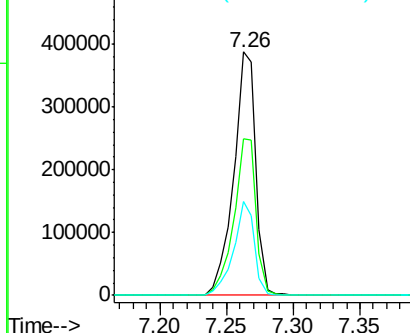
#29
2,4-Dichlorophenol
Concen: 52.50 ng
RT: 7.26 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	38.3	14.8	54.8

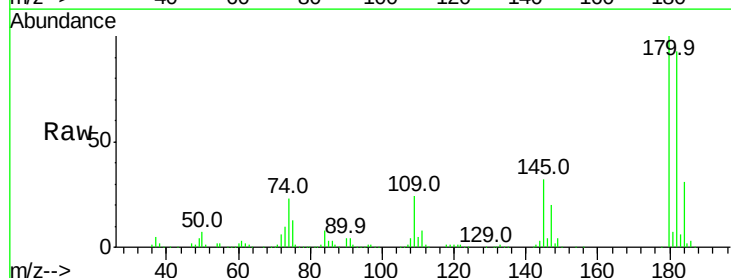


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

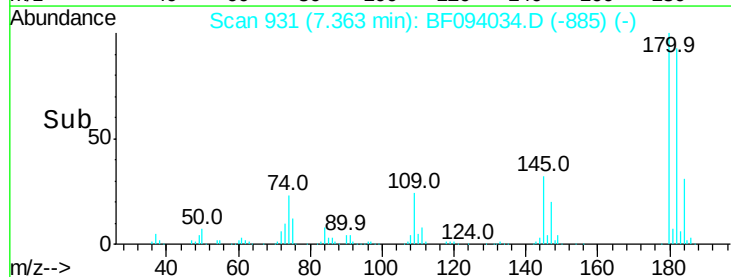
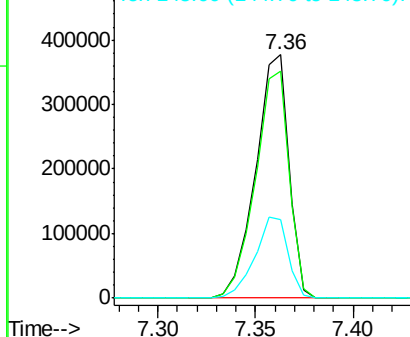


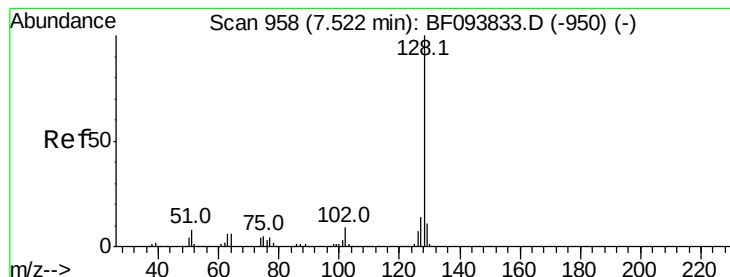
#30
1,2,4-Trichlorobenzene
Concen: 50.35 ng
RT: 7.36 min Scan# 931
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.8	113.6
145	32.2	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: 49.29 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

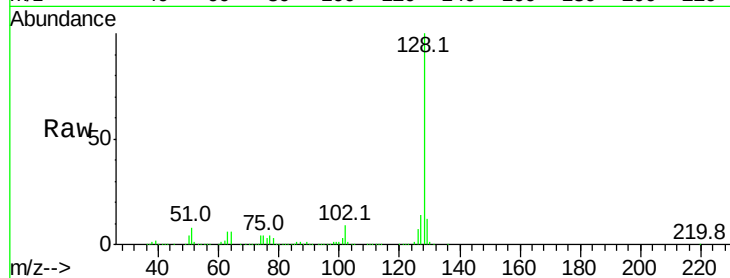
Tot Ion:128 Resp: 1533115

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

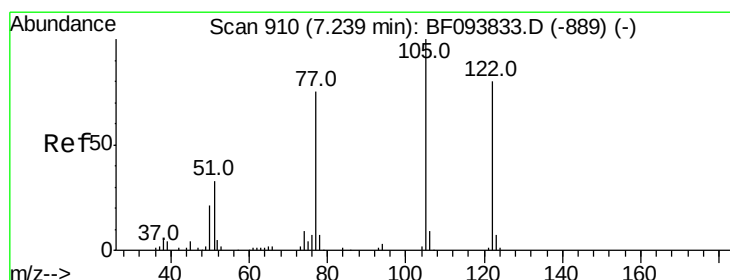
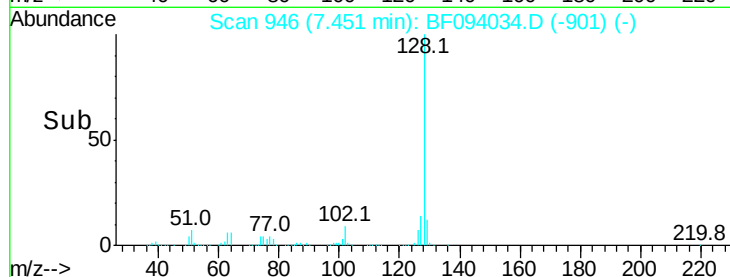
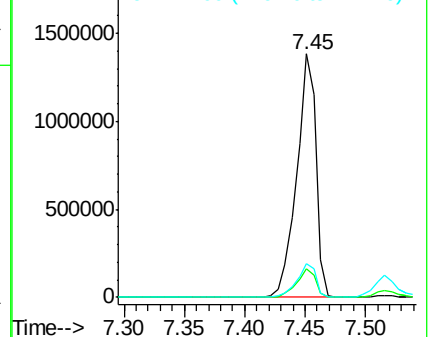
127 13.8 10.8 16.2



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: 14.58 ng

RT: 7.16 min Scan# 896

Delta R.T. -0.06 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

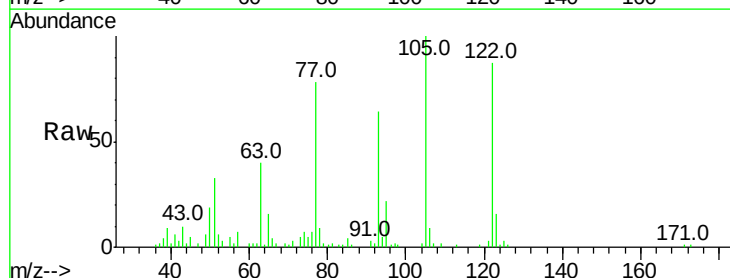
Tgt Ion:122 Resp: 89191

Ion Ratio Lower Upper

122 100

105 115.3 103.3 143.3

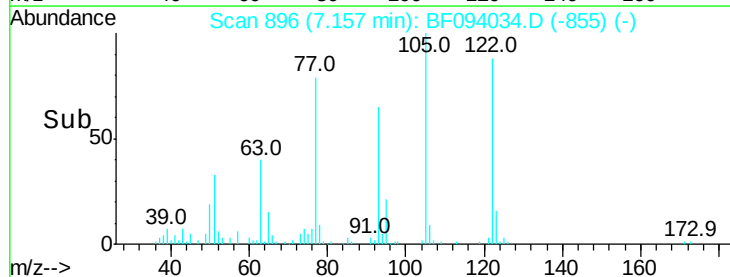
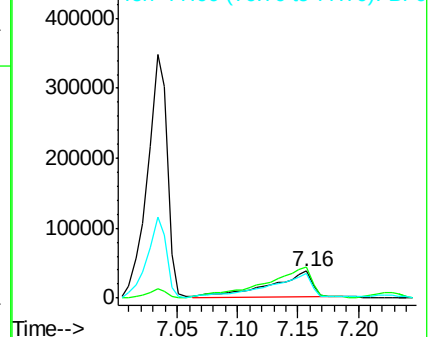
77 90.4 73.7 113.7

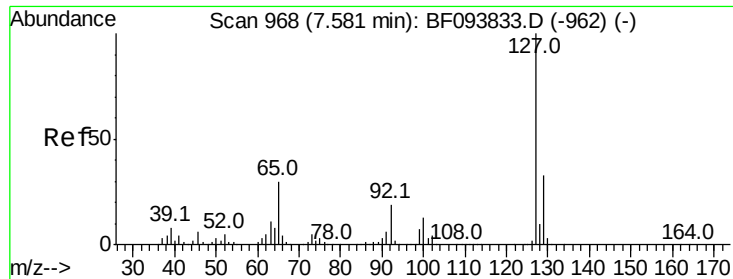


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

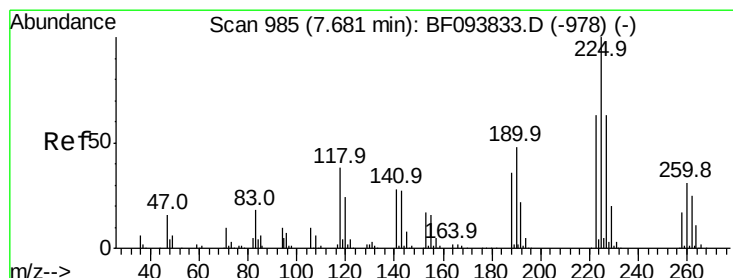
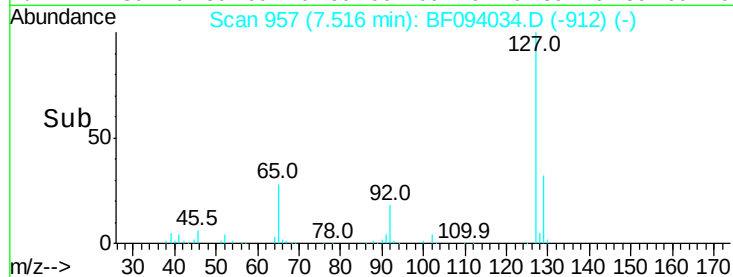
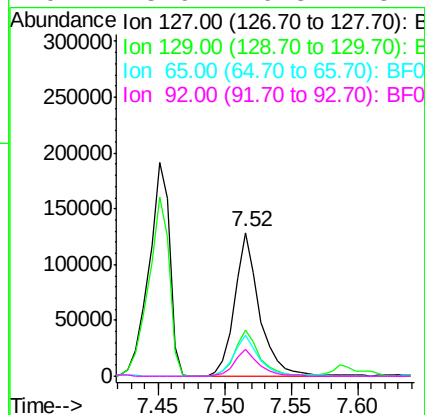
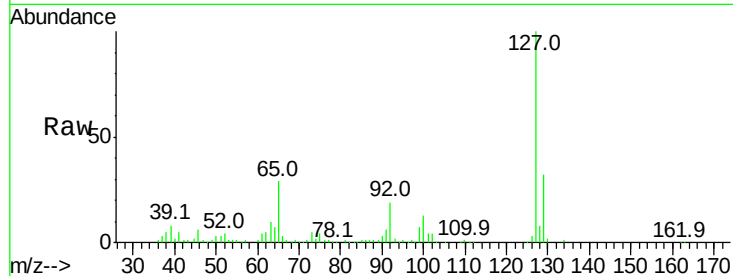




#33
4-Chloroaniline
Concen: 13.22 ng
RT: 7.52 min Scan# 957
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

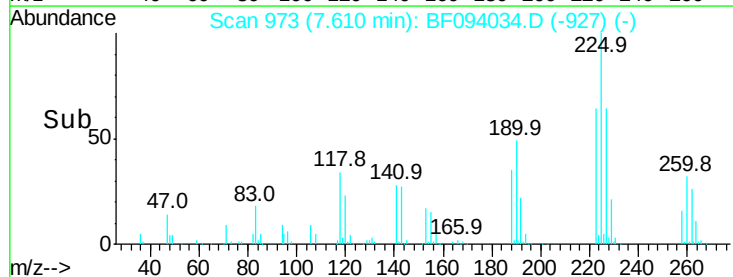
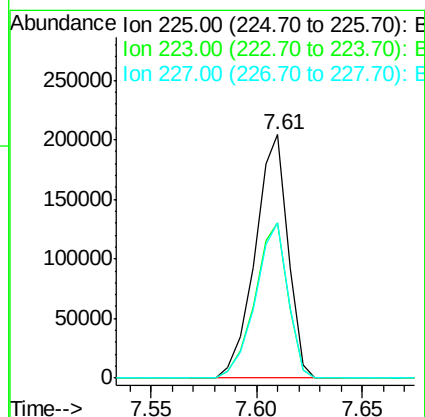
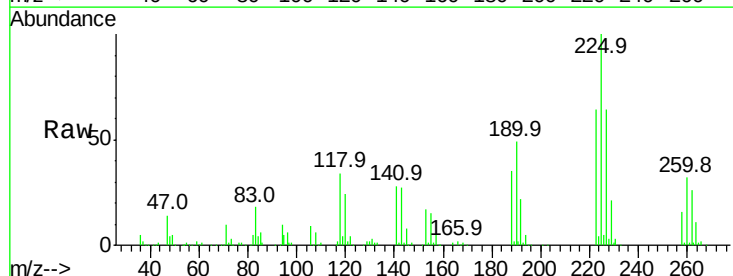
Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

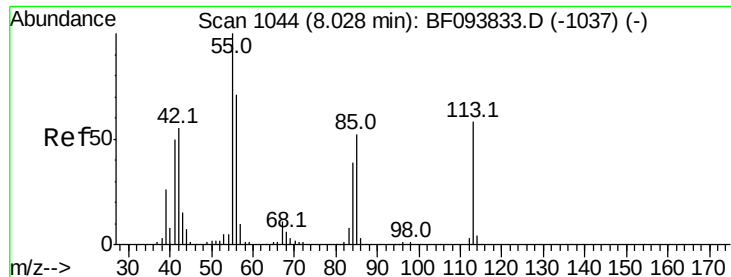
Tot Ion:	127	Resp:	166663
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	28.6	27.8	41.8
92	18.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 48.54 ng
RT: 7.61 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion:	225	Resp:	220189
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	63.8	51.1	76.7





#35

Caprolactam

Concen: 34.40 ng

RT: 7.97 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

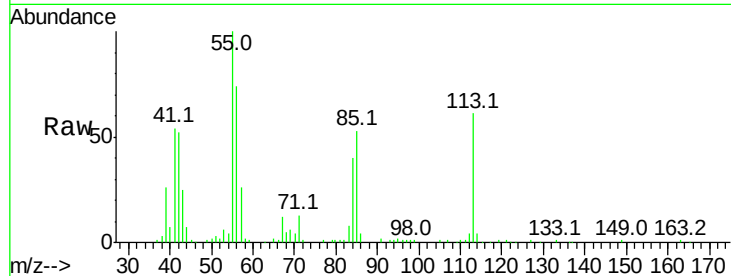
Tot Ion:113 Resp: 94224

Ion Ratio Lower Upper

113 100

55 164.6 150.2 190.2

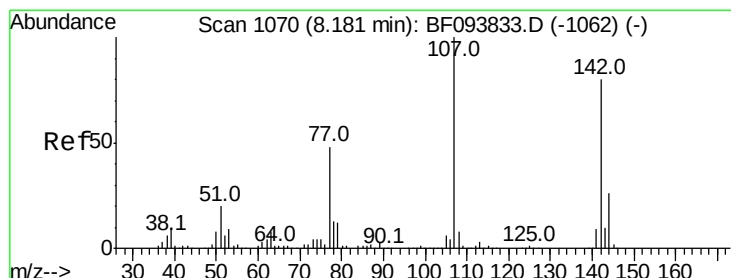
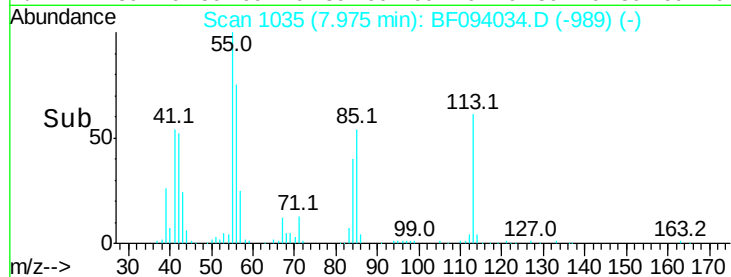
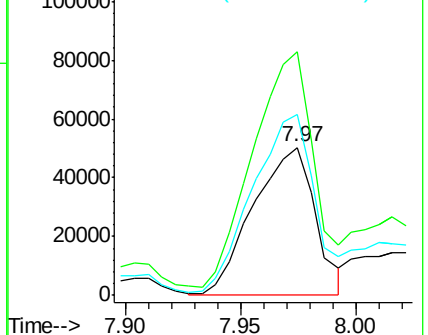
56 122.0 107.8 147.8



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: 53.01 ng

RT: 8.14 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

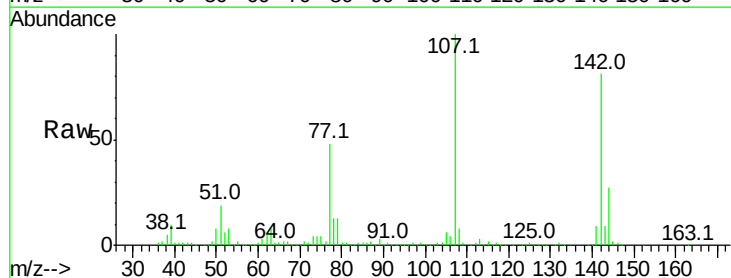
Tgt Ion:107 Resp: 475765

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

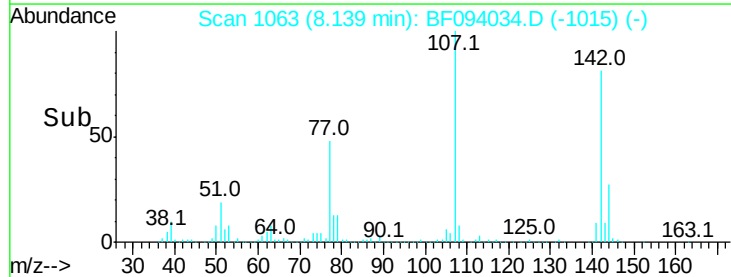
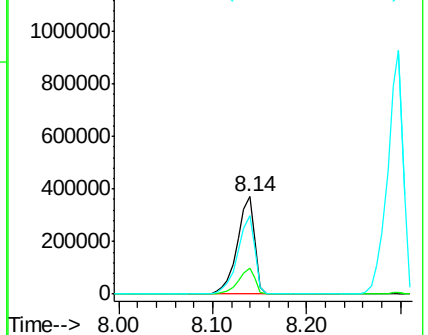
142 80.9 73.4 110.0

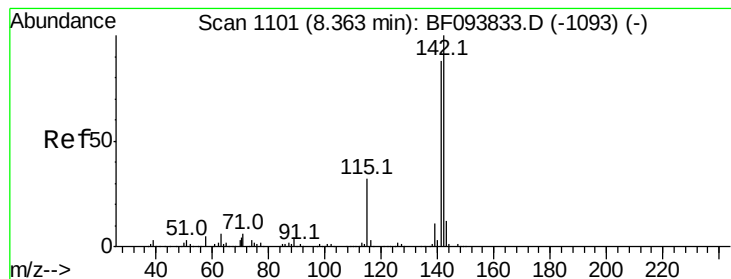


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.60 ng

RT: 8.30 min Scan# 1090

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

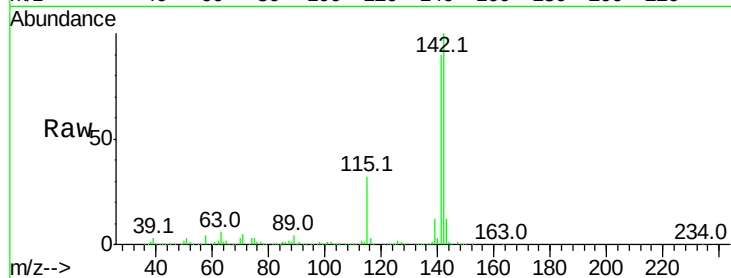
Tot Ion:142 Resp: 1049234

Ion Ratio Lower Upper

142 100

141 90.0 71.3 106.9

115 32.3 27.1 40.7

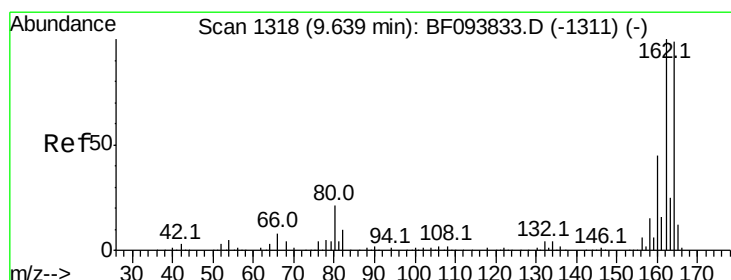
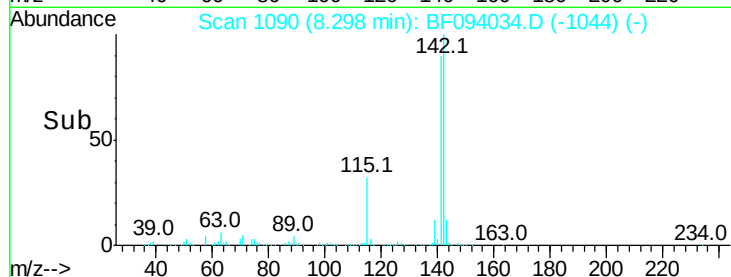
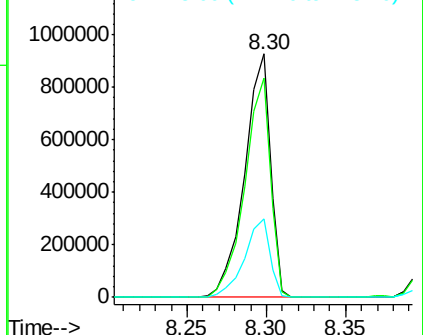


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

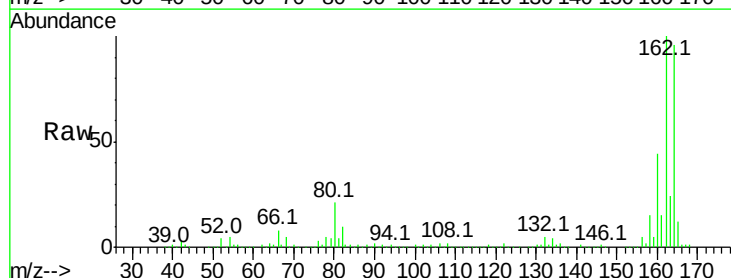
Tgt Ion:164 Resp: 287922

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

160 46.1 36.2 54.2

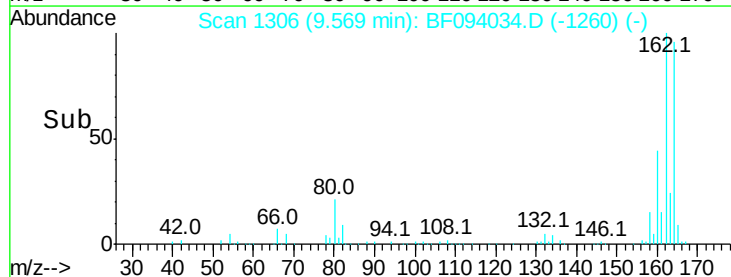
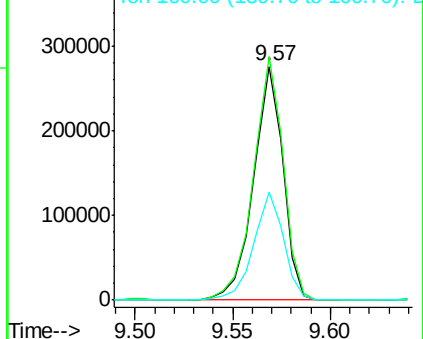


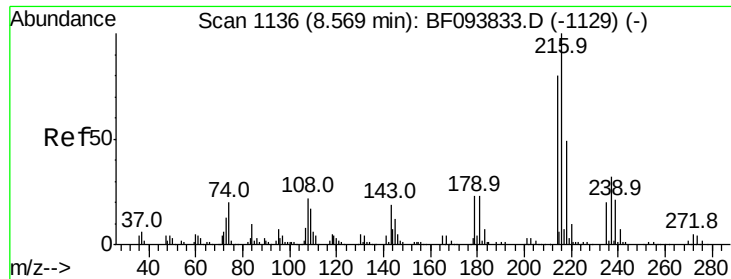
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

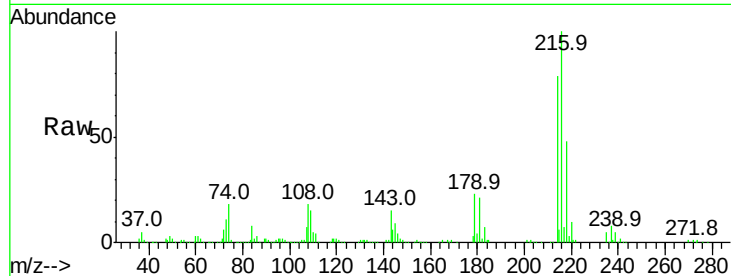




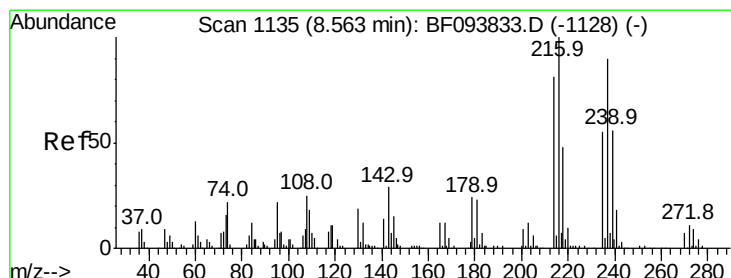
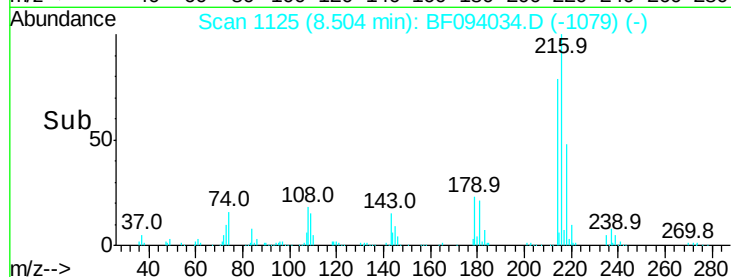
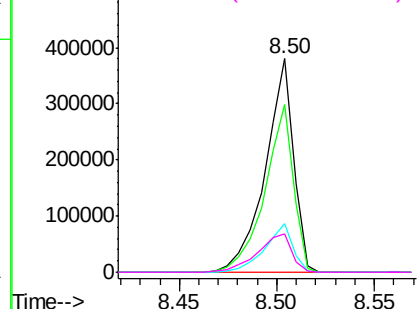
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.28 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion:	216	Resp:	380247
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	22.6	17.9	26.9
108	21.8	16.5	24.7

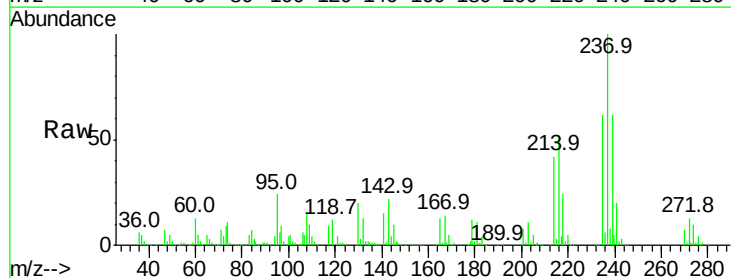


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

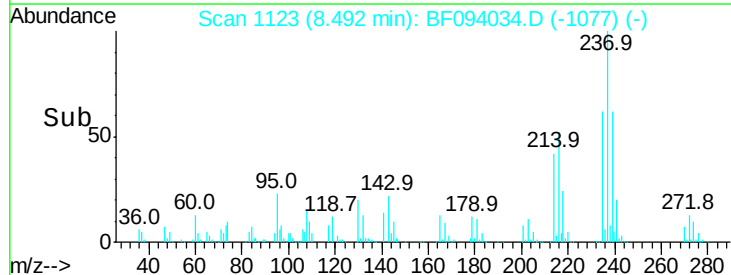
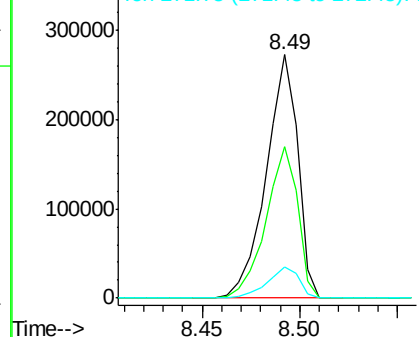


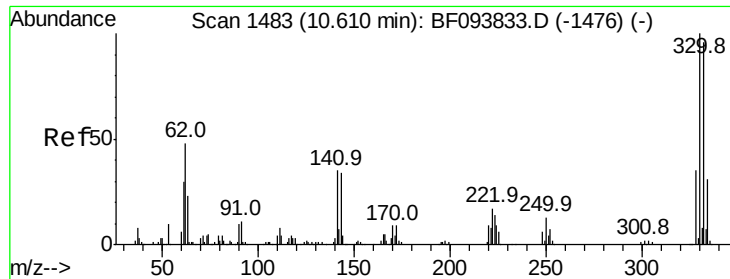
#40
 Hexachlorocyclopentadiene
 Concen: 82.69 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion:	237	Resp:	304772
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.6	82.6
272	12.9	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

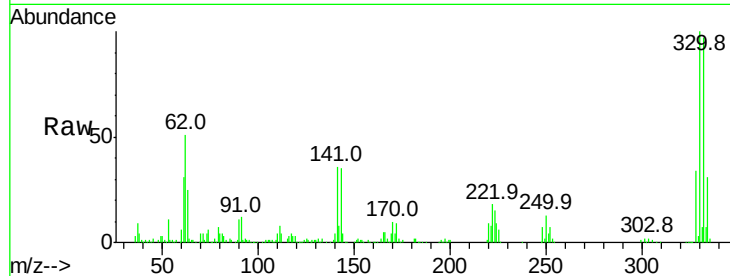




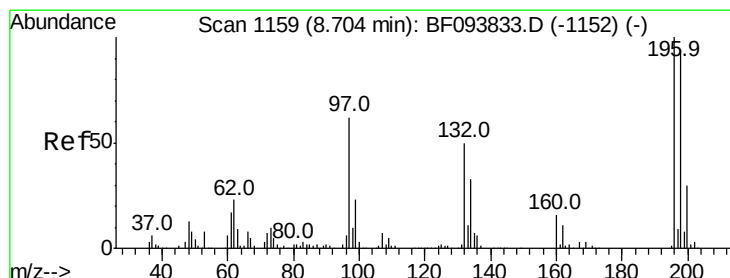
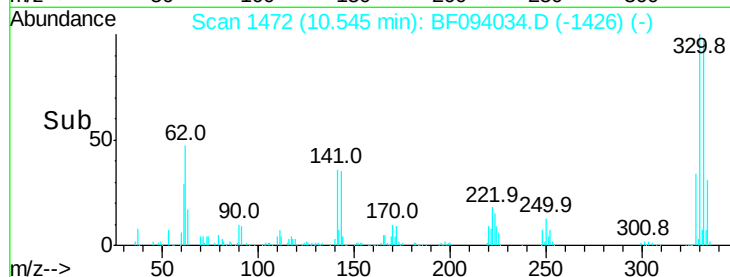
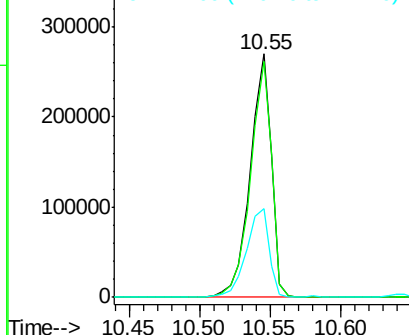
#41
 2,4,6-Tribromophenol
 Concen: 125.35 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	38.7	31.4	47.2

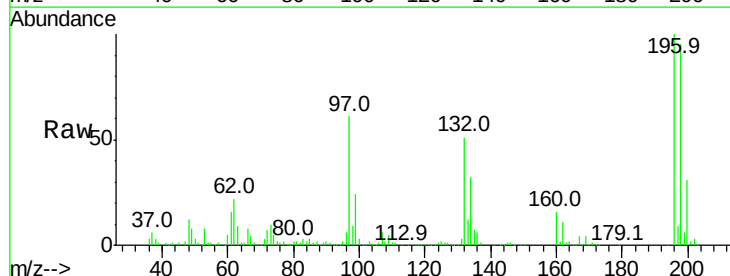


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

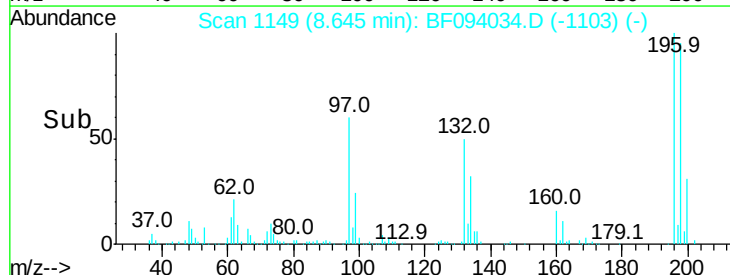
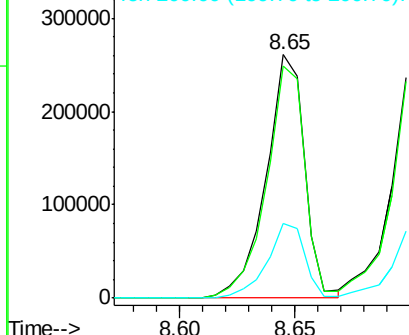


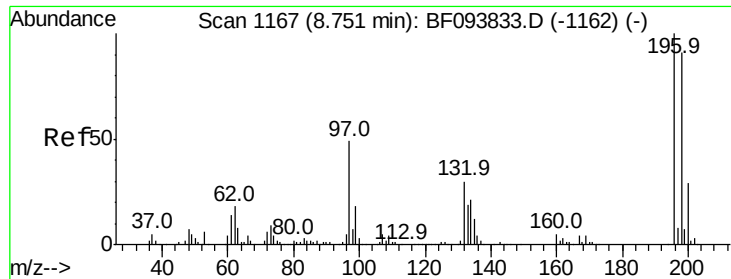
#42
 2,4,6-Trichlorophenol
 Concen: 54.06 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.2	111.4
200	30.8	24.0	36.0



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

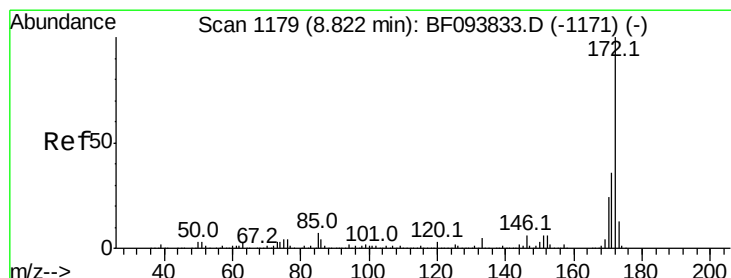
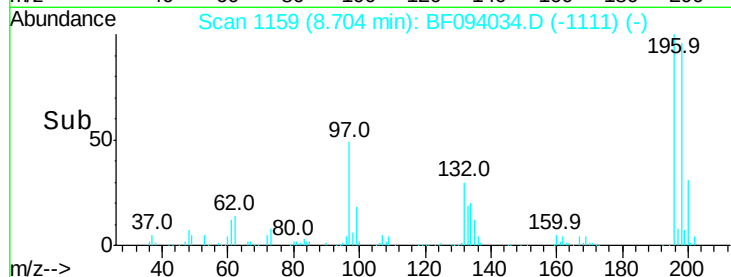
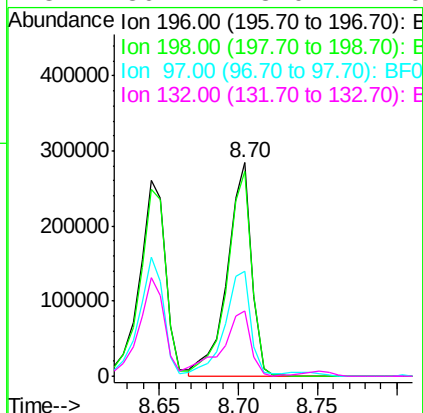
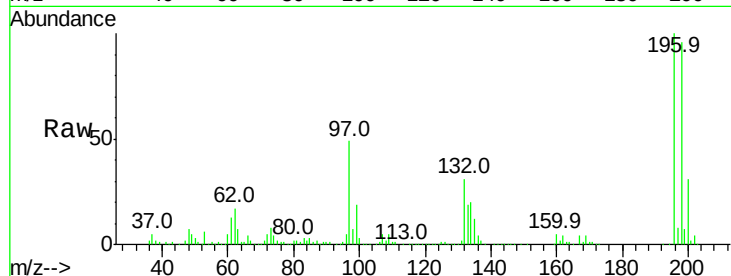




#43
 2,4,5-Trichlorophenol
 Concen: 50.25 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

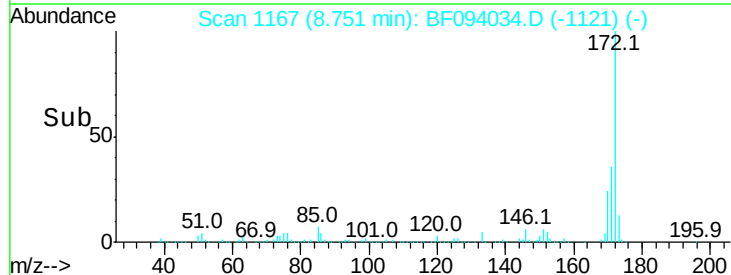
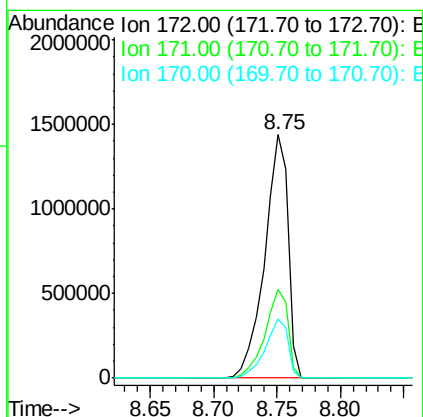
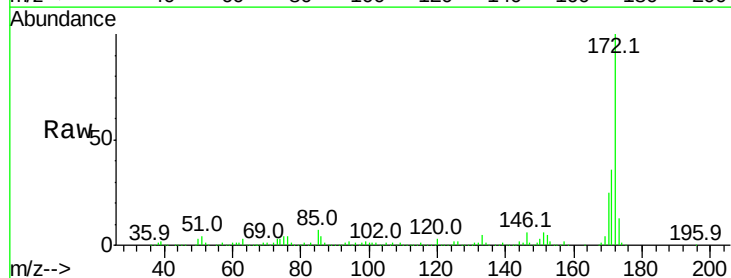
Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

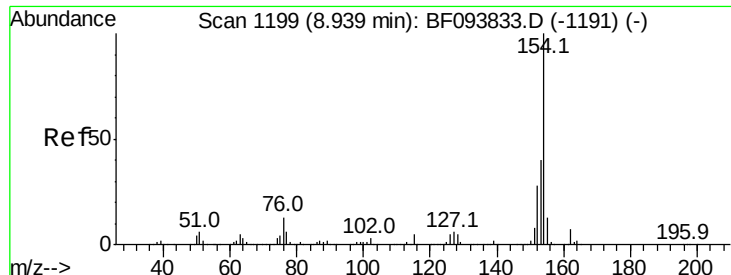
Tot Ion:	196	Resp:	302999
Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.7	113.5
97	49.4	47.7	71.5
132	30.7	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 97.25 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion:	172	Resp:	1835745
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.5	19.8	29.8





#45

1,1'-Biphenyl

Concen: 49.34 ng

RT: 8.87 min Scan# 1187

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

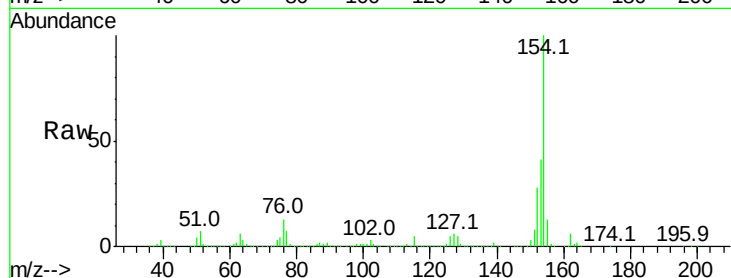
Tot Ion:154 Resp: 1145755

Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

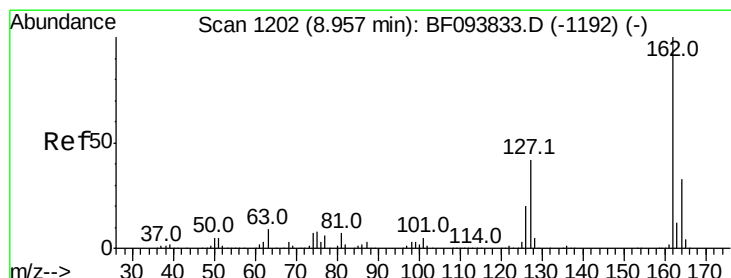
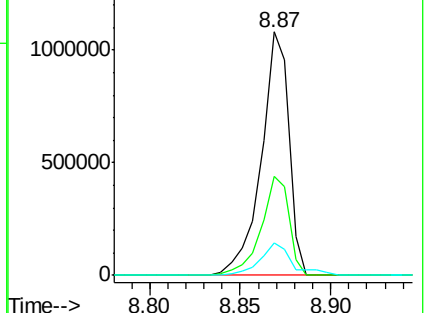
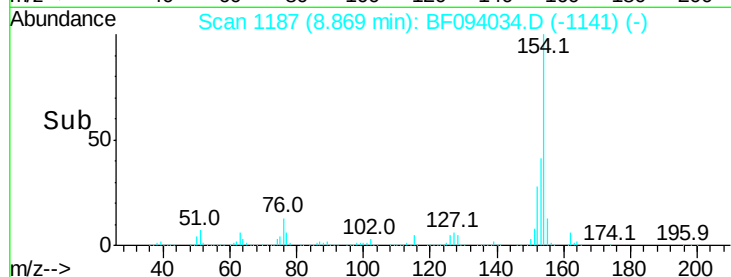
76 13.4 0.0 29.9



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: 49.95 ng

RT: 8.89 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

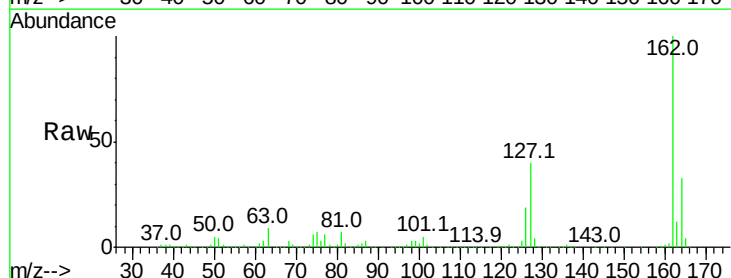
Tgt Ion:162 Resp: 908015

Ion Ratio Lower Upper

162 100

127 40.1 28.3 42.5

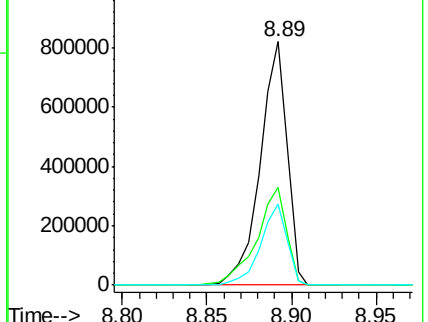
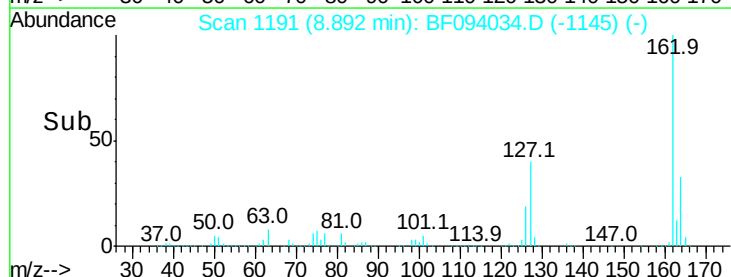
164 33.1 27.0 40.4

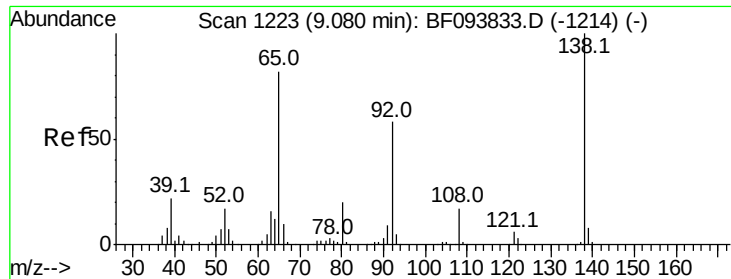


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

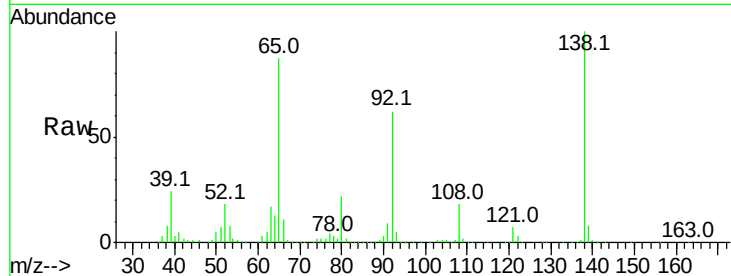




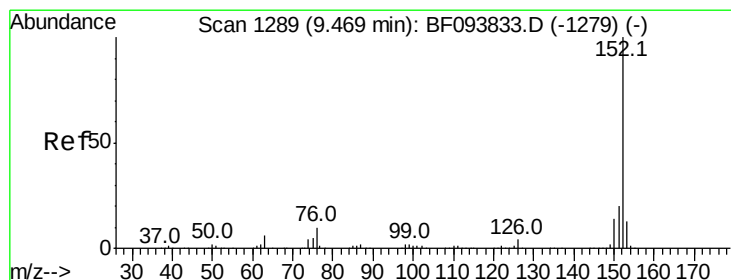
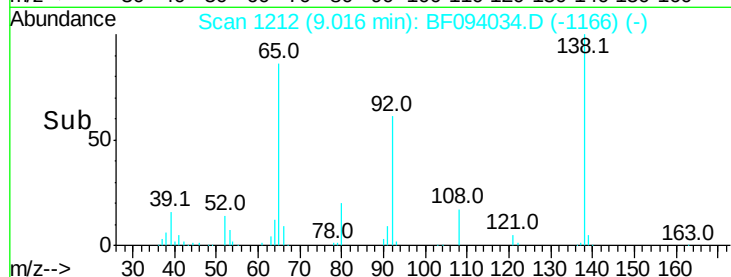
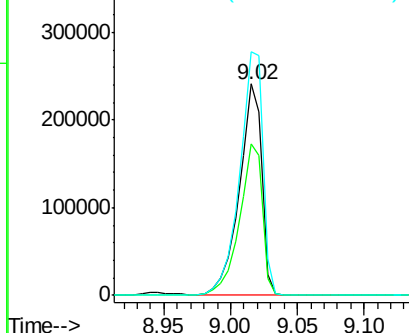
#47
2-Nitroaniline
Concen: 52.05 ng
RT: 9.02 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

Tot Ion: 65 Resp: 280685
Ion Ratio Lower Upper
65 100
92 71.4 53.9 80.9
138 115.2 78.8 118.2

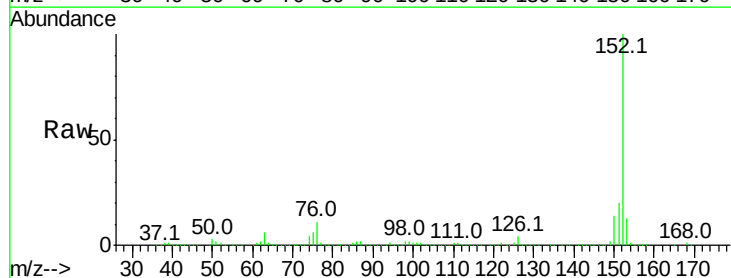


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

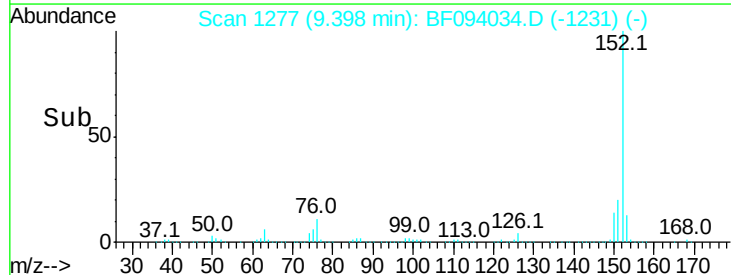
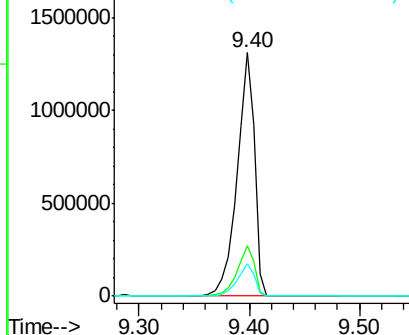


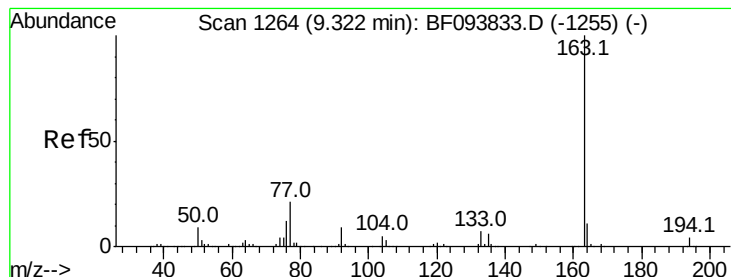
#48
Acenaphthylene
Concen: 47.84 ng
RT: 9.40 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion: 152 Resp: 1445383
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.5 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: 57.34 ng

RT: 9.26 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

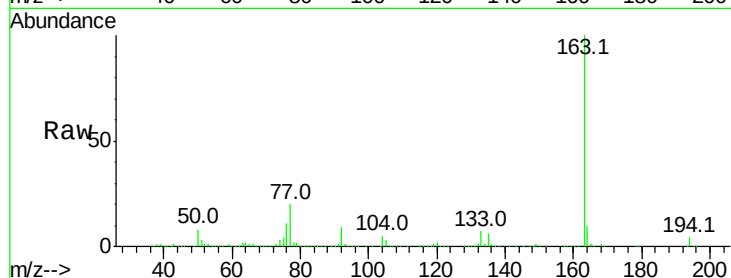
Tot Ion:163 Resp: 1173494

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

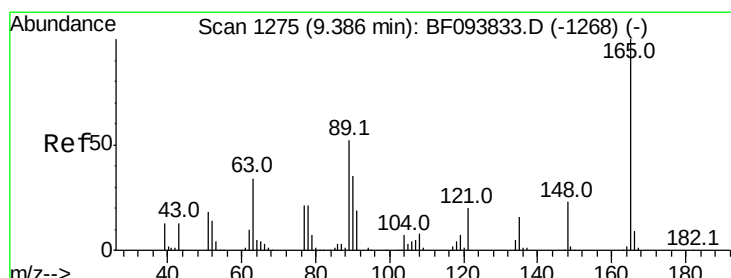
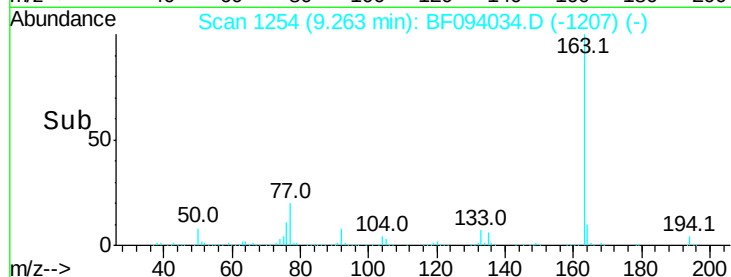
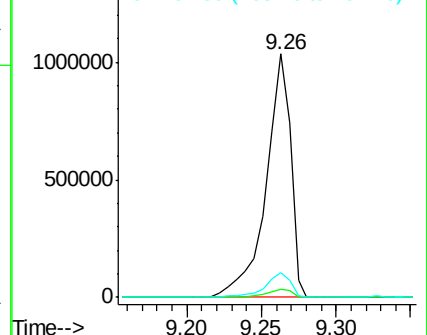
164 10.2 8.4 12.6



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: 52.50 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

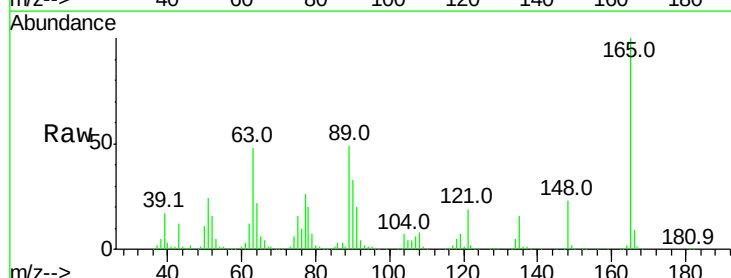
Tgt Ion:165 Resp: 246305

Ion Ratio Lower Upper

165 100

63 48.5 34.3 51.5

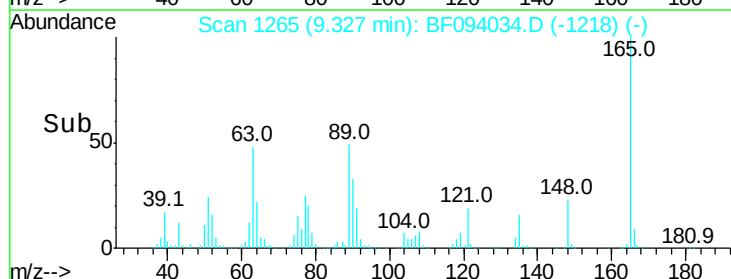
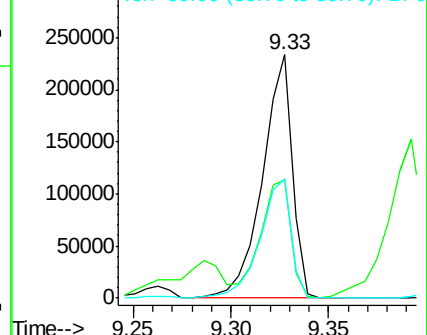
89 49.1 37.1 55.7

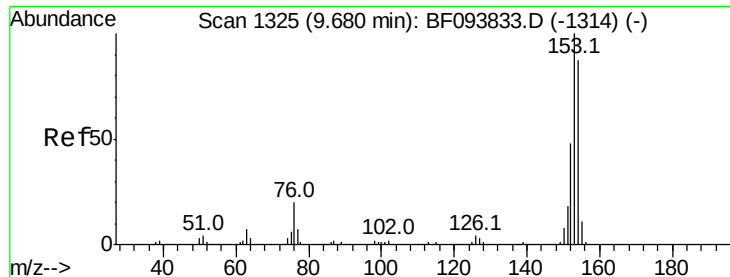


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.05 ng

RT: 9.61 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

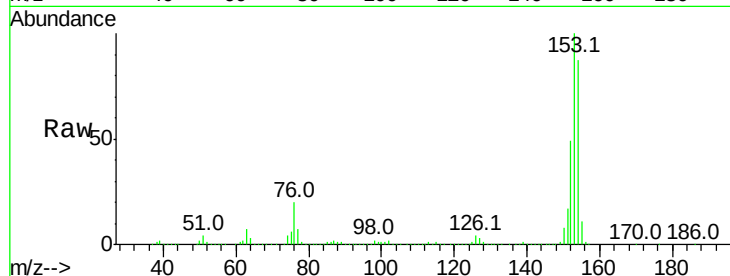
Tot Ion:154 Resp: 847092

Ion Ratio Lower Upper

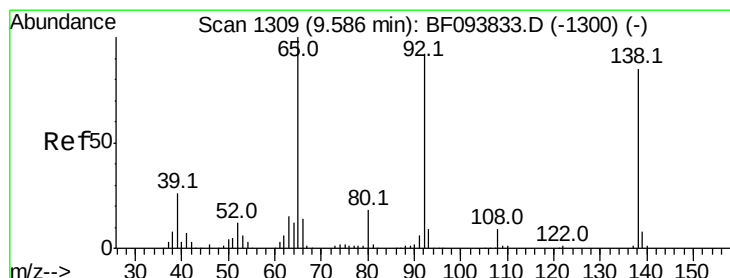
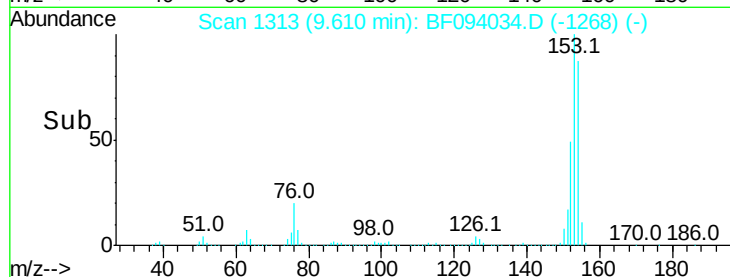
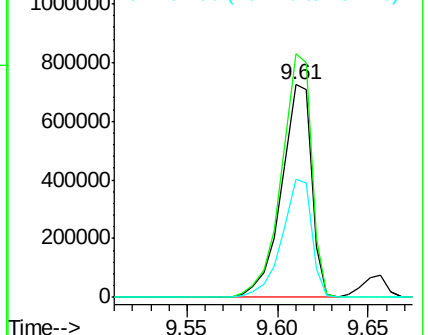
154 100

153 114.7 90.5 135.7

152 55.6 43.6 65.4



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



#52

3-Nitroaniline

Concen: 28.46 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

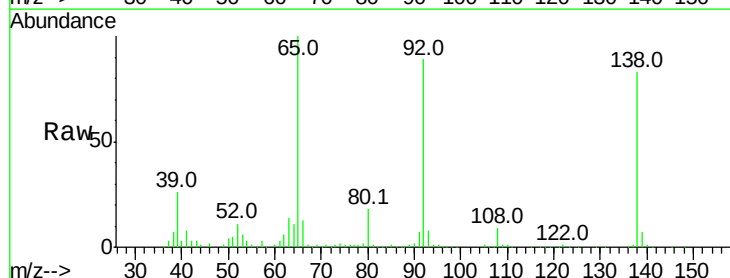
Tgt Ion:138 Resp: 156769

Ion Ratio Lower Upper

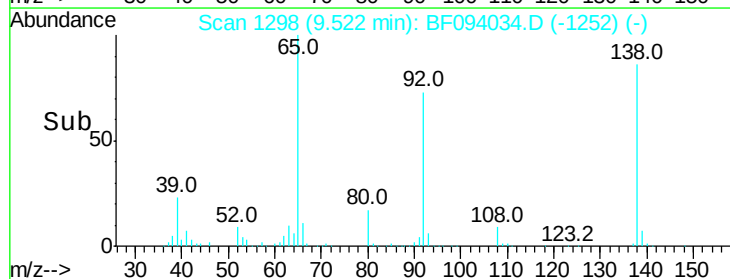
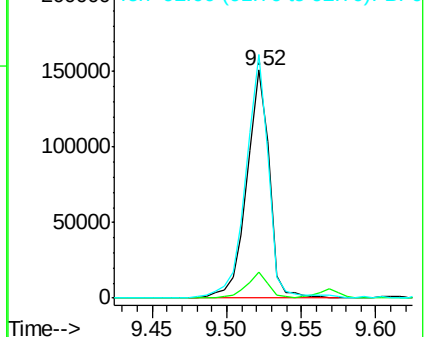
138 100

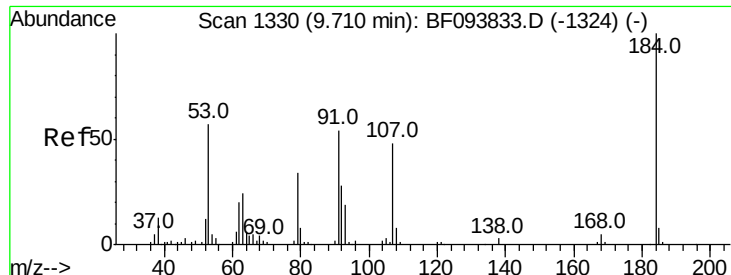
108 11.4 9.1 13.7

92 106.8 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

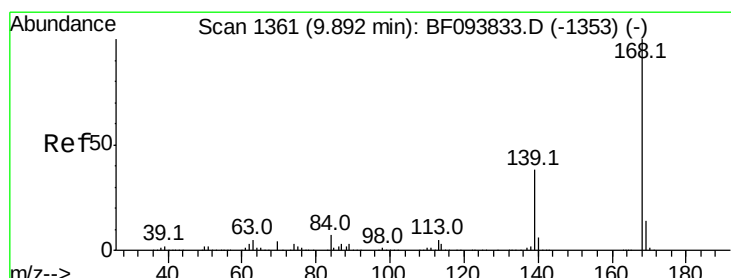
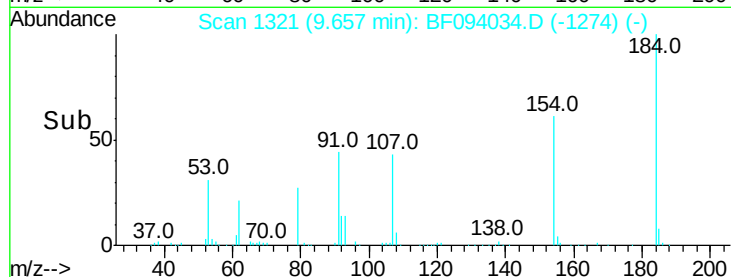
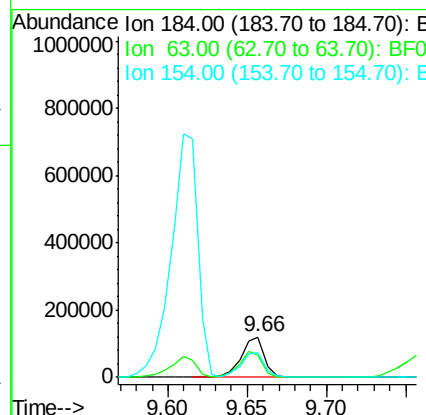
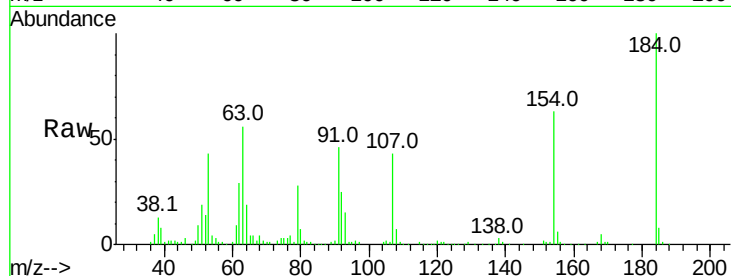




#53
 2,4-Dinitrophenol
 Concen: 50.40 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

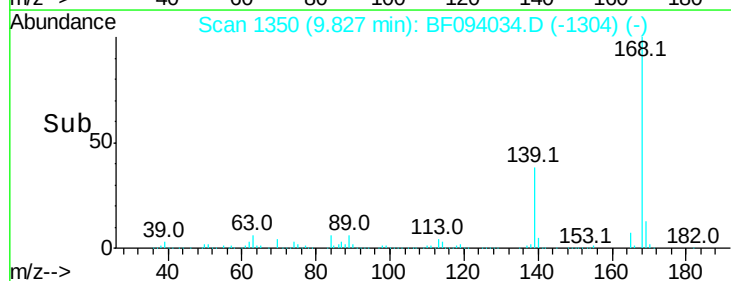
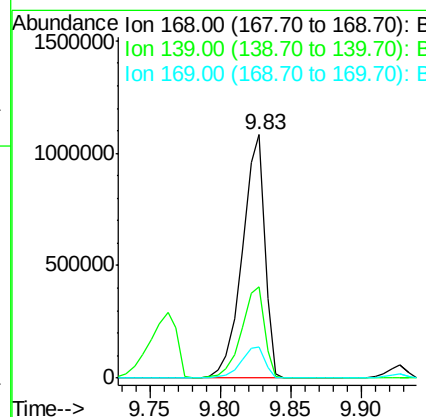
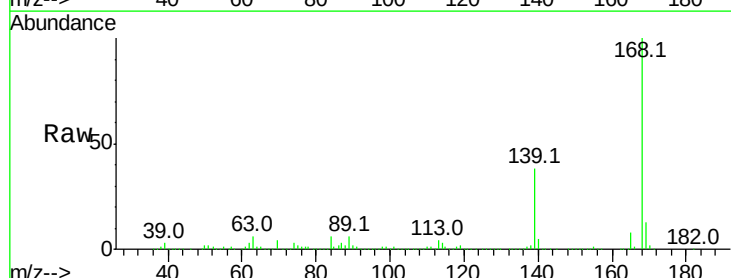
Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

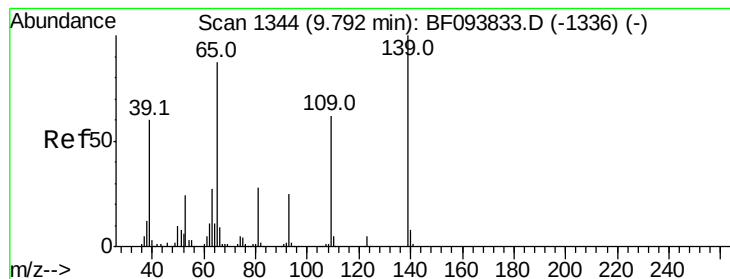
Tot Ion:184 Resp: 121936
 Ion Ratio Lower Upper
 184 100
 63 56.1 62.7 94.1#
 154 62.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.83 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion:168 Resp: 1195776
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.6 45.8
 169 13.0 10.8 16.2





#55

4-Nitrophenol

Concen: 92.78 ng

RT: 9.76 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

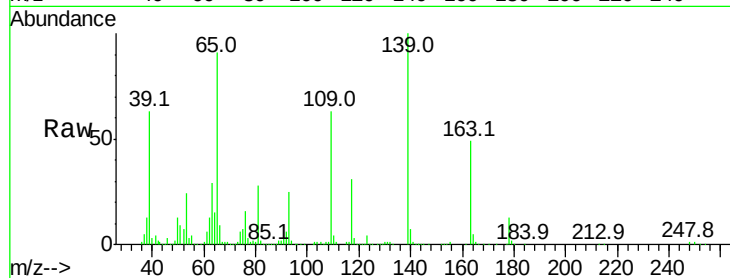
Tot Ion:139 Resp: 400297

Ion Ratio Lower Upper

139 100

109 63.2 34.1 74.1

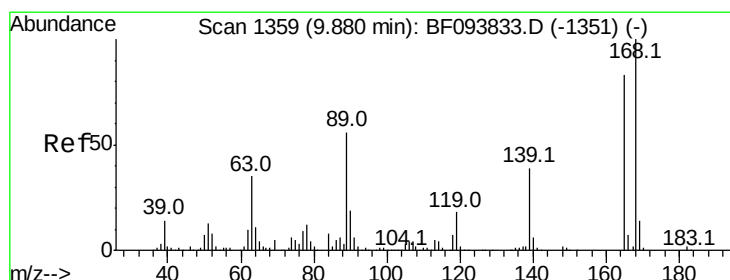
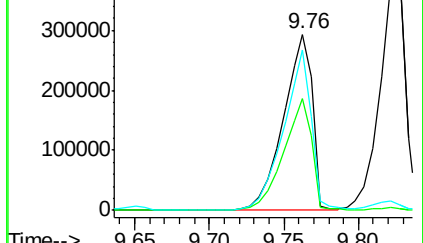
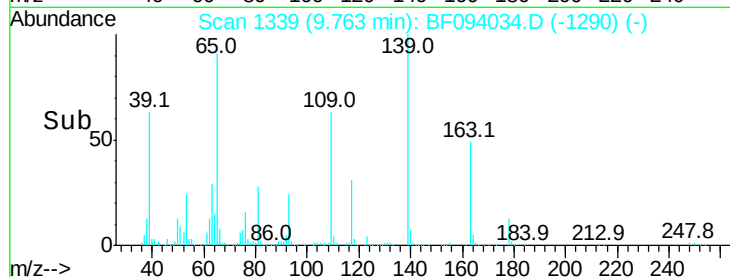
65 91.3 31.4 71.4#



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: 50.51 ng

RT: 9.82 min Scan# 1349

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Tgt Ion:165 Resp: 297671

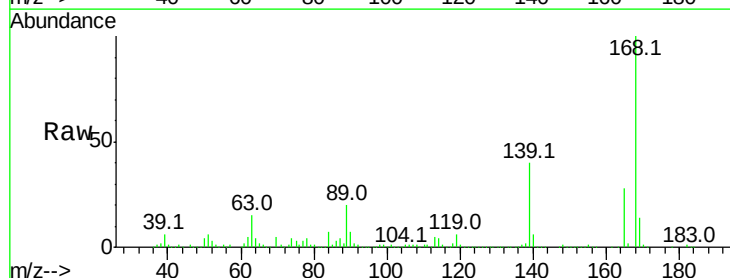
Ion Ratio Lower Upper

165 100

63 54.8 25.4 38.0#

89 73.6 46.4 69.6#

182 2.4 1.8 2.6

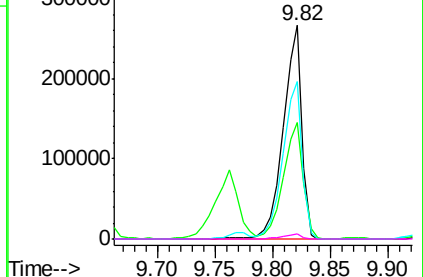
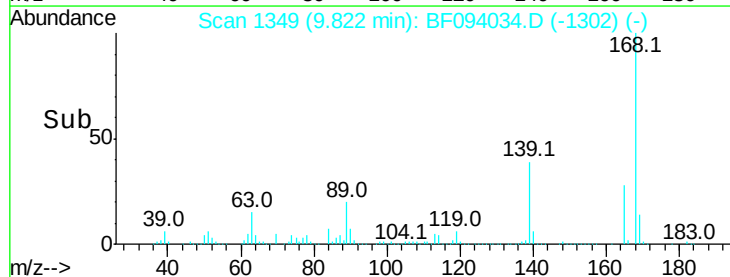


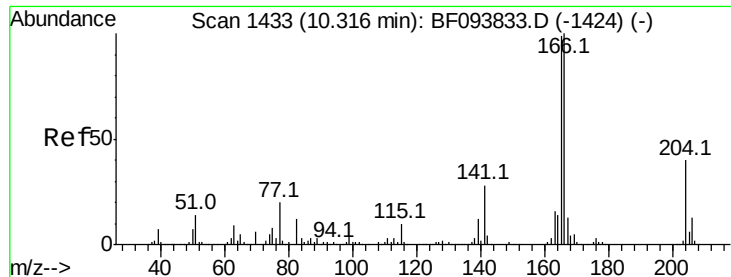
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

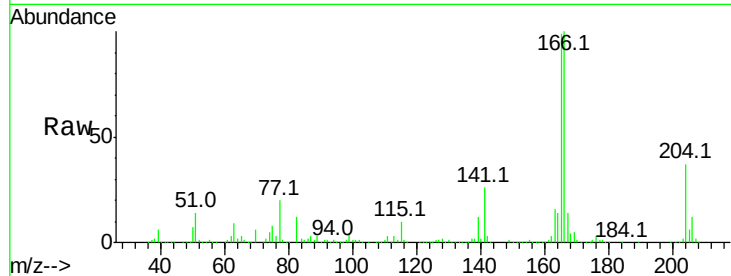




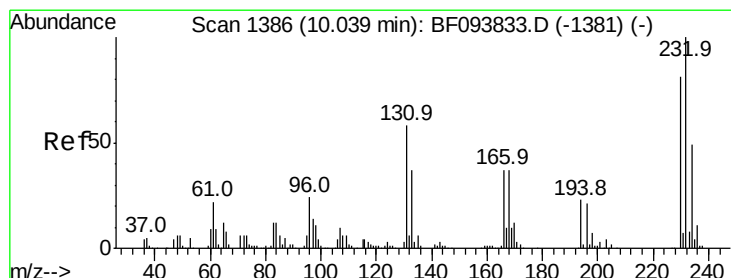
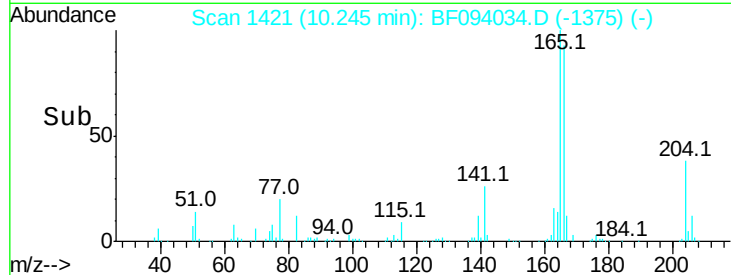
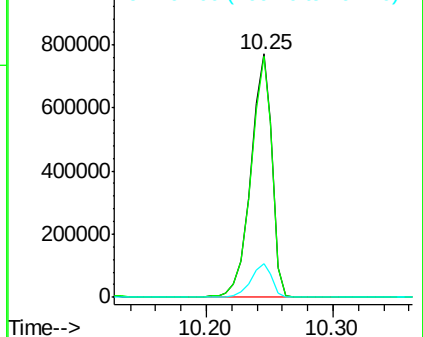
#57
 Fluorene
 Concen: 45.06 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion:166 Resp: 896740
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.9 10.6 16.0

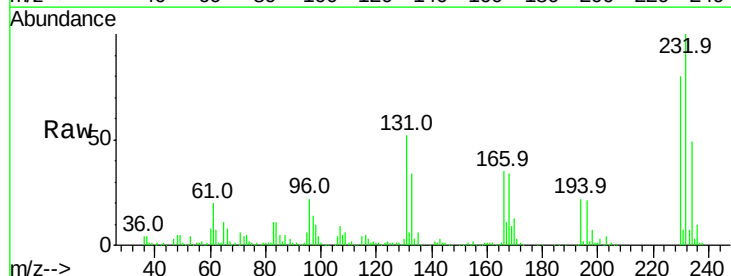


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

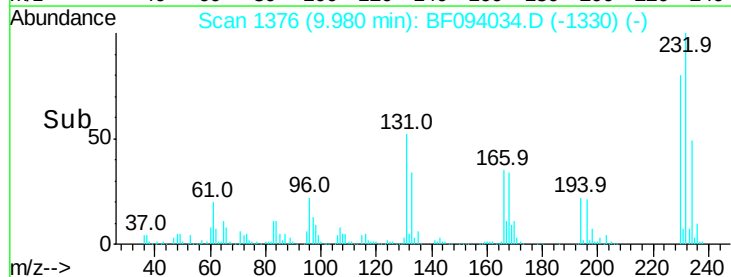
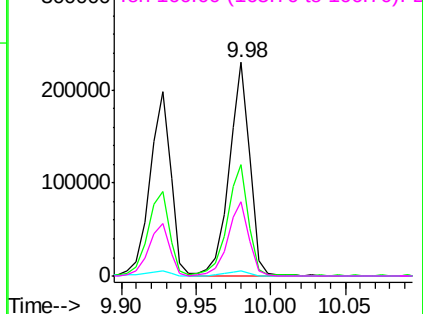


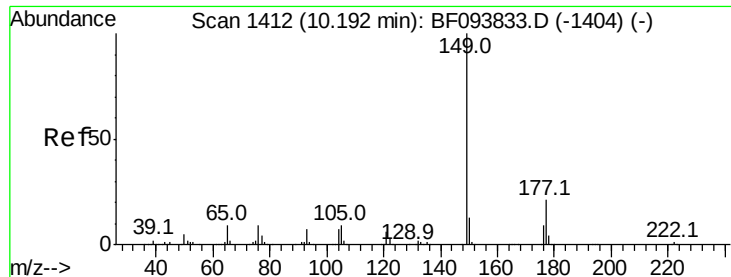
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.55 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion:232 Resp: 225701
 Ion Ratio Lower Upper
 232 100
 131 52.3 44.8 67.2
 130 3.0 2.3 3.5
 166 35.5 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



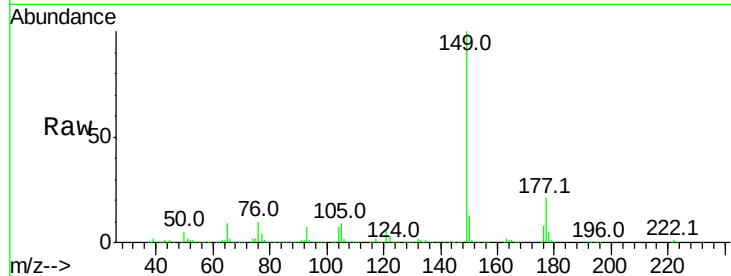


#59
 Diethylphthalate
 Concen: 51.42 ng
 RT: 10.13 min Scan# 1401
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

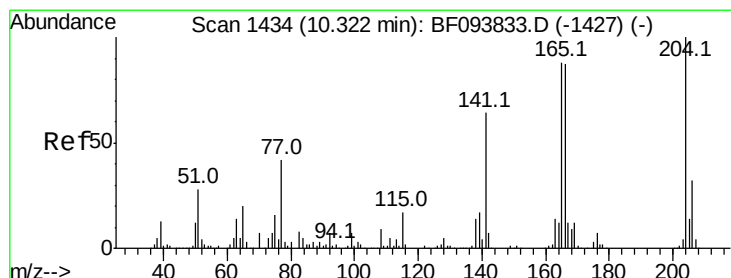
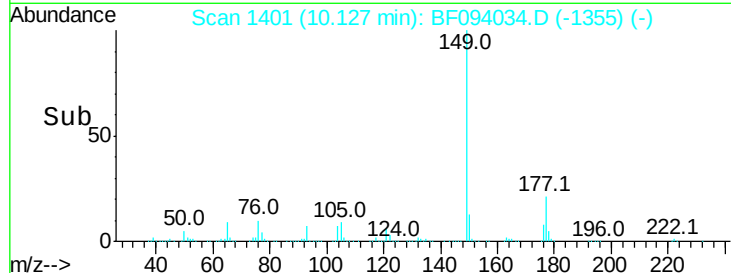
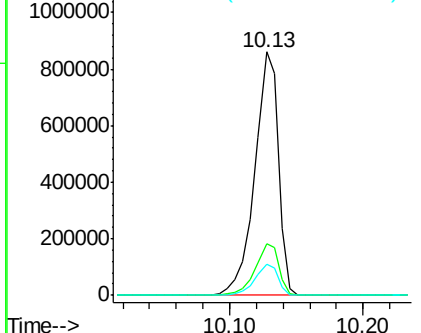
Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

Tot Ion:149 Resp: 1040234

Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.9	10.2	15.2



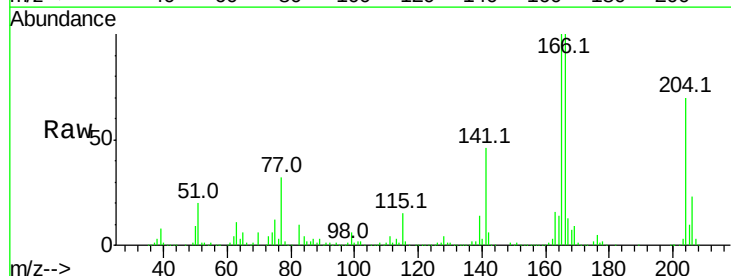
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



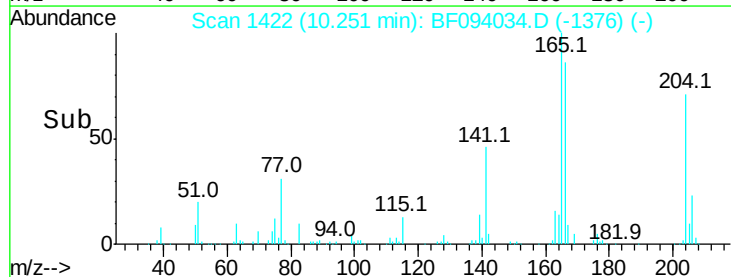
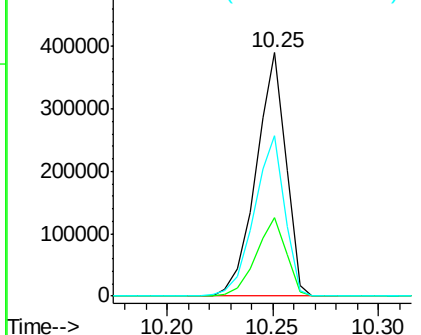
#60
 4-Chlorophenyl-phenylether
 Concen: 45.19 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

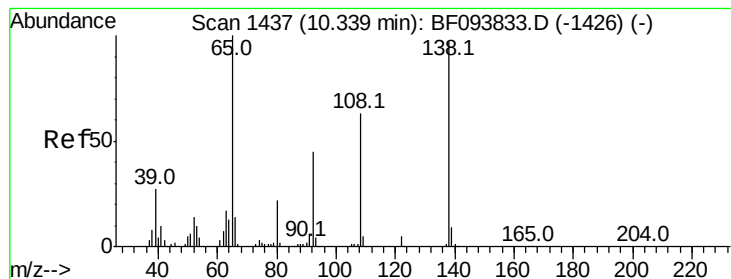
Tgt Ion:204 Resp: 383122

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	65.8	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.65 ng

RT: 10.29 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

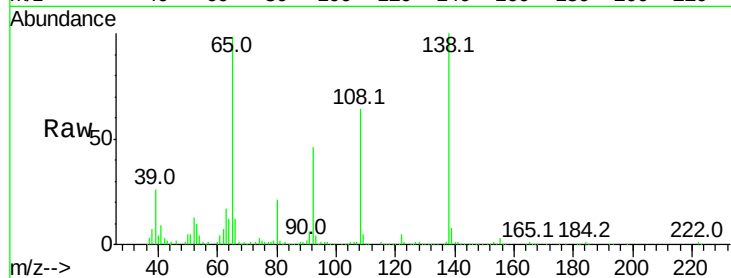
Tot Ion:138 Resp: 246642

Ion Ratio Lower Upper

138 100

92 45.6 21.8 61.8

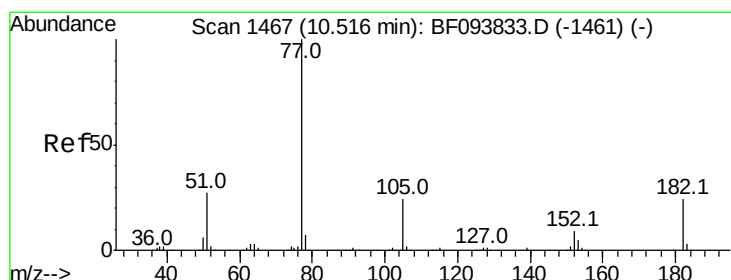
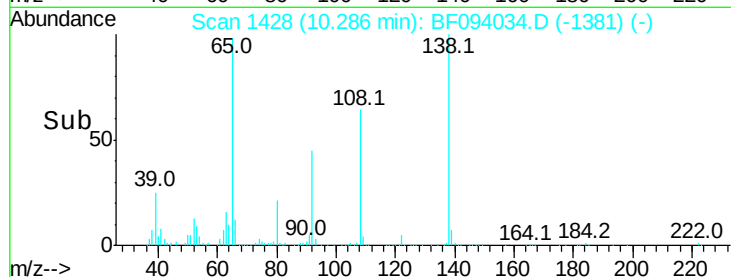
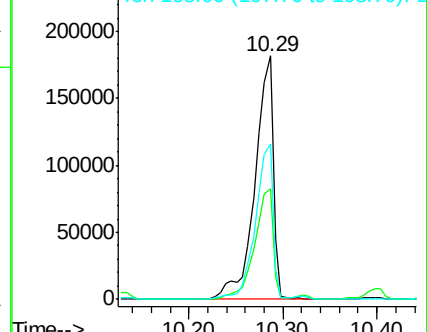
108 63.8 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.20 ng

RT: 10.45 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Tgt Ion: 77 Resp: 979736

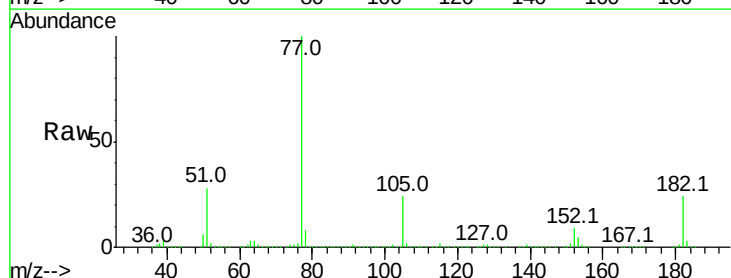
Ion Ratio Lower Upper

77 100

182 24.3 0.1 40.1

105 23.8 3.6 43.6

51 28.4 9.4 49.4

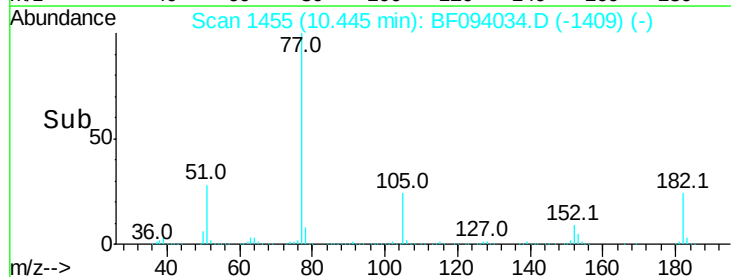
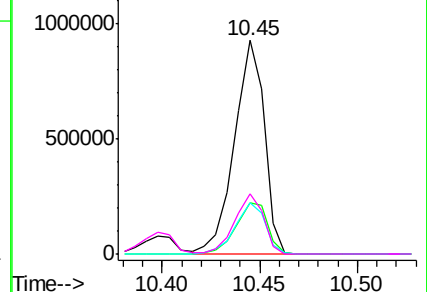


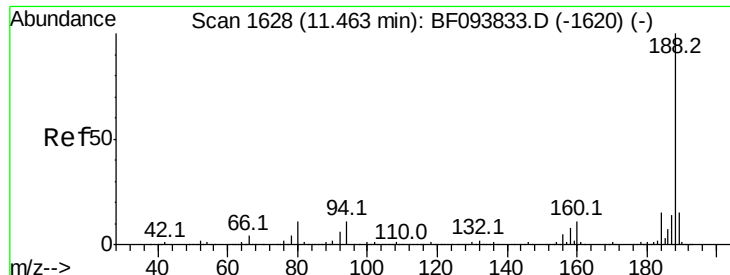
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.39 min Scan# 1616

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

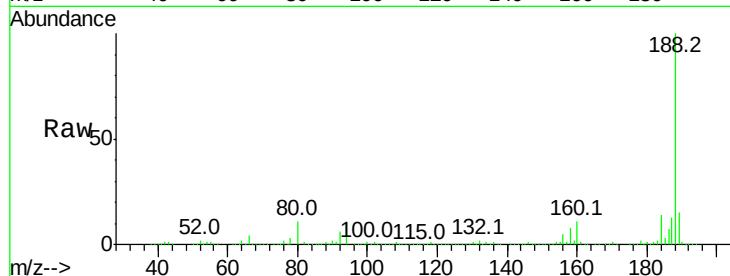
Tot Ion:188 Resp: 498221

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

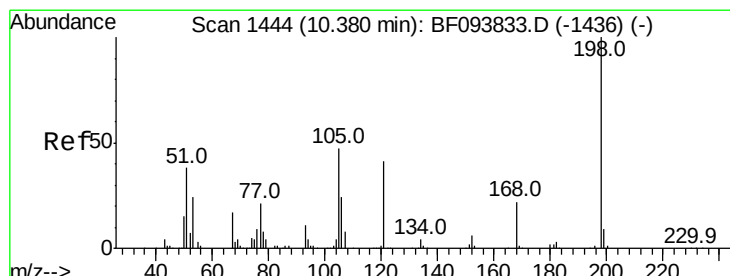
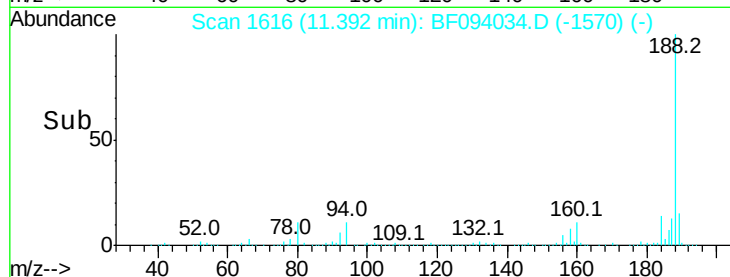
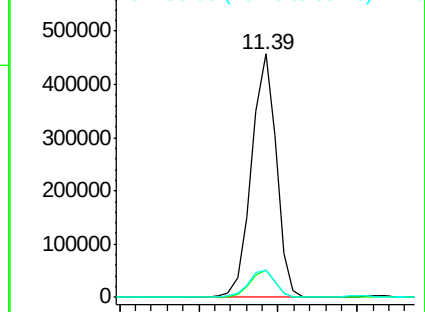
80 11.4 10.2 15.2



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: 43.48 ng

RT: 10.32 min Scan# 1434

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

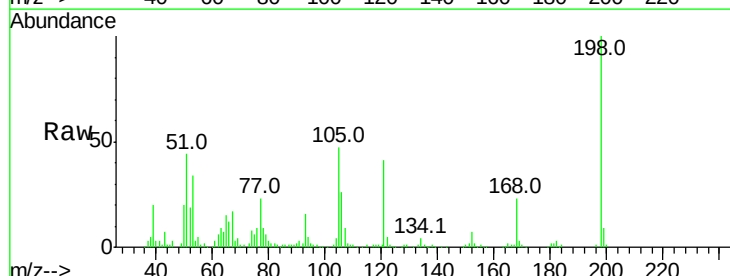
Tgt Ion:198 Resp: 132681

Ion Ratio Lower Upper

198 100

51 44.1 53.2 93.2#

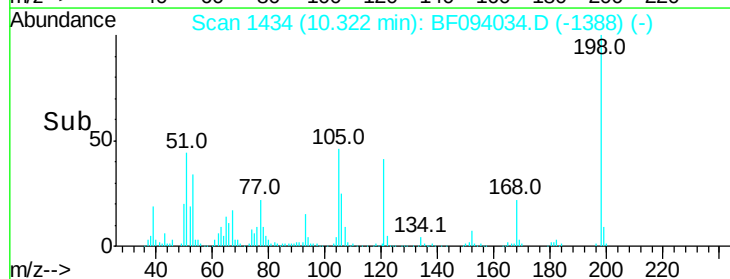
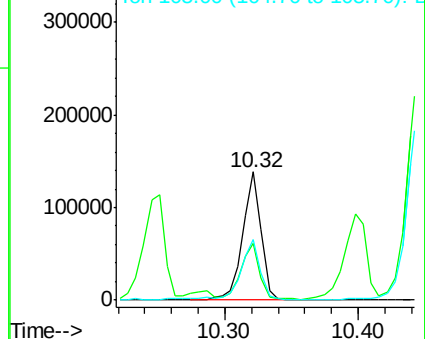
105 47.3 45.8 85.8

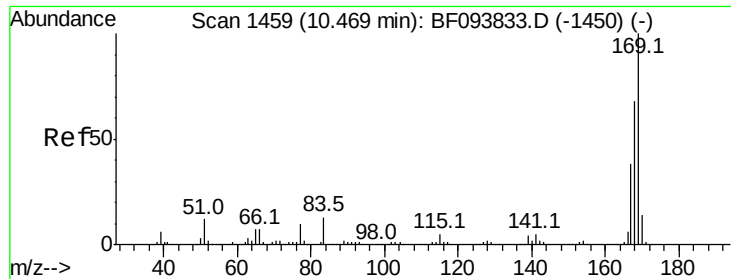


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.80 ng

RT: 10.40 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

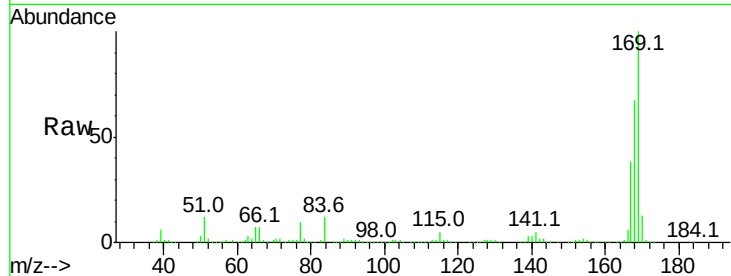
Tot Ion:169 Resp: 840759

Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

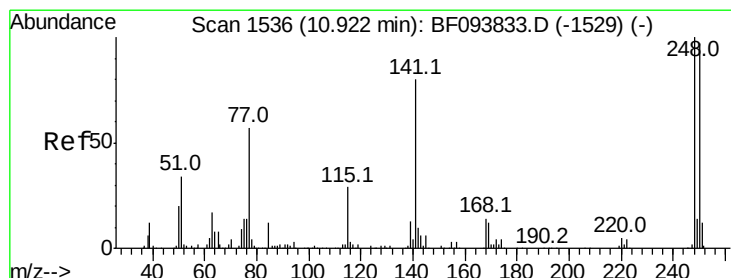
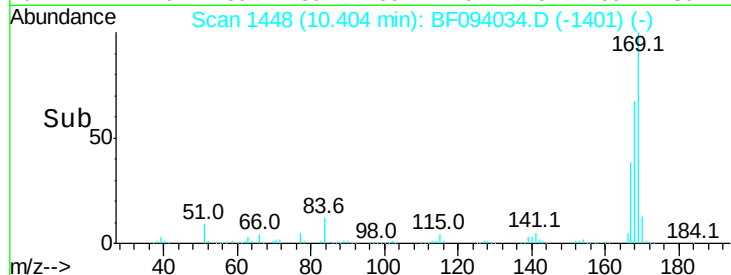
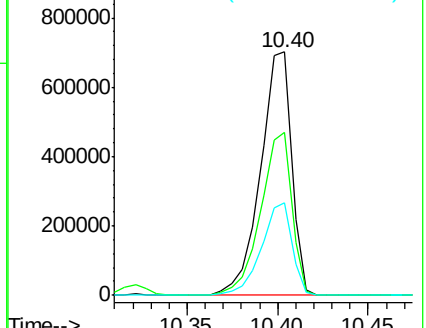
167 38.0 29.5 44.3



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: 50.36 ng

RT: 10.85 min Scan# 1524

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

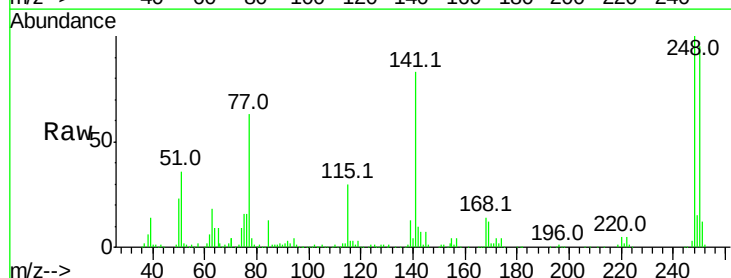
Tgt Ion:248 Resp: 246787

Ion Ratio Lower Upper

248 100

250 95.3 76.8 115.2

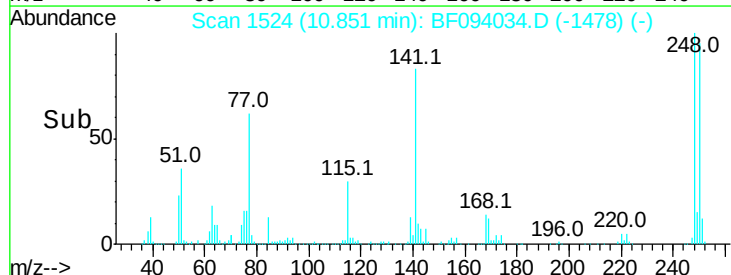
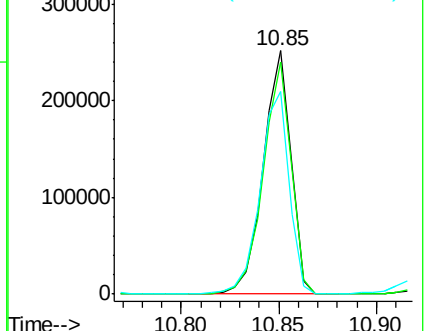
141 83.2 68.6 103.0

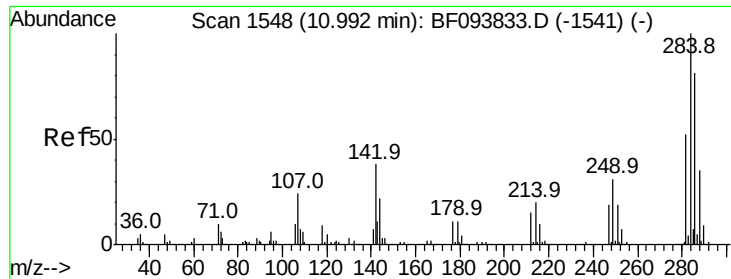


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

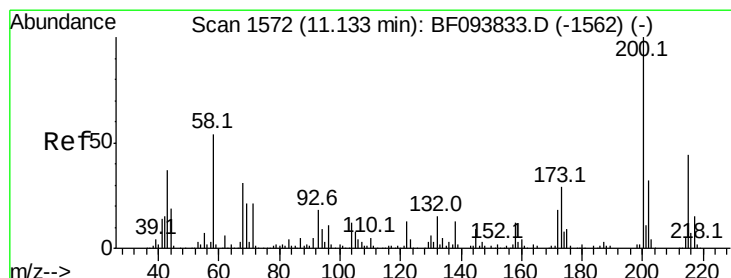
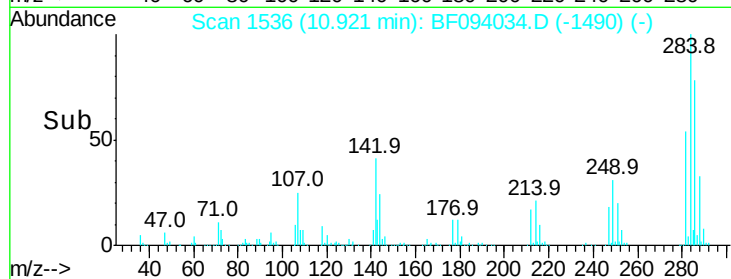
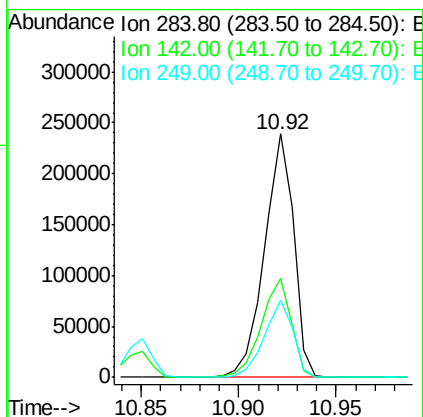
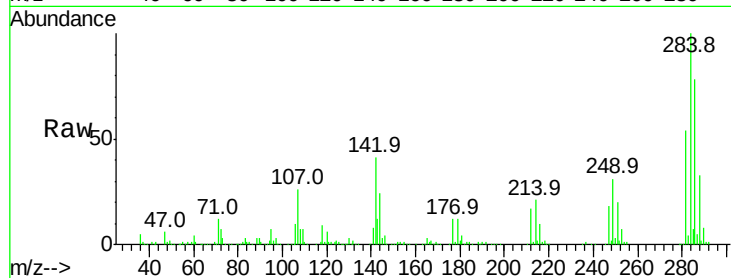




#67
Hexachlorobenzene
Concen: 50.08 ng
RT: 10.92 min Scan# 1536
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

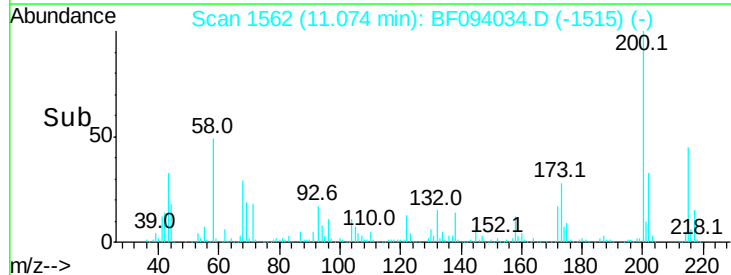
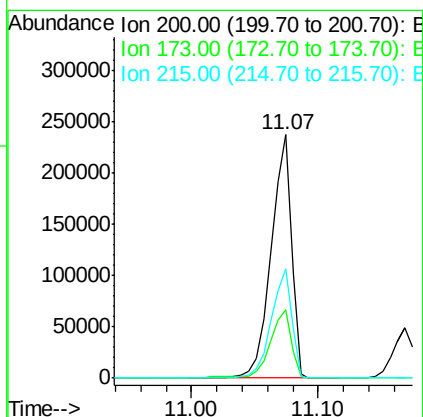
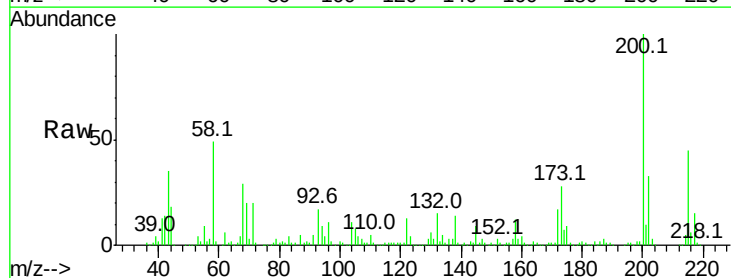
Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

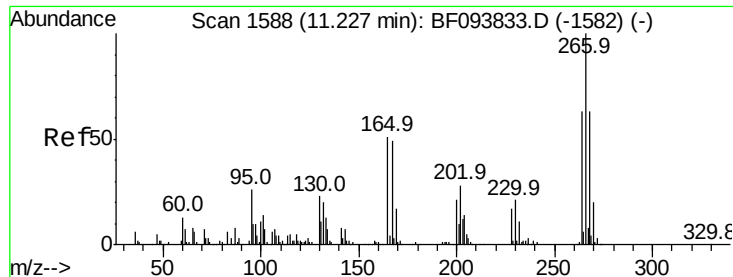
Tot Ion:284 Resp: 248412
Ion Ratio Lower Upper
284 100
142 40.9 22.8 34.2#
249 31.5 24.0 36.0



#68
Atrazine
Concen: 51.15 ng
RT: 11.07 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion:200 Resp: 263958
Ion Ratio Lower Upper
200 100
173 27.9 6.3 46.3
215 44.7 27.2 67.2

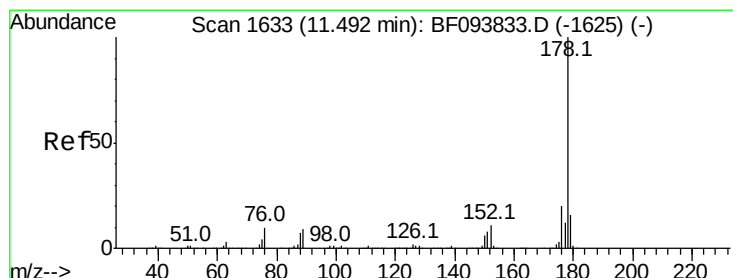
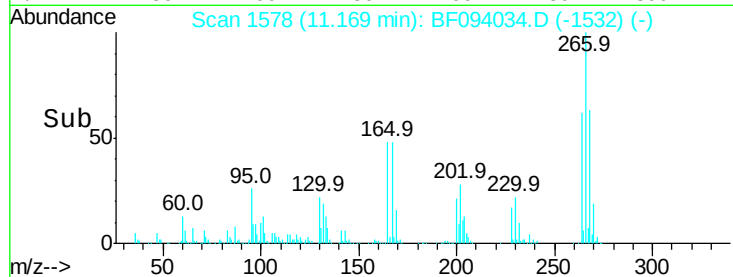
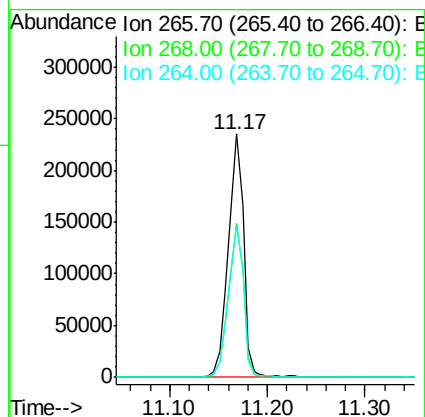
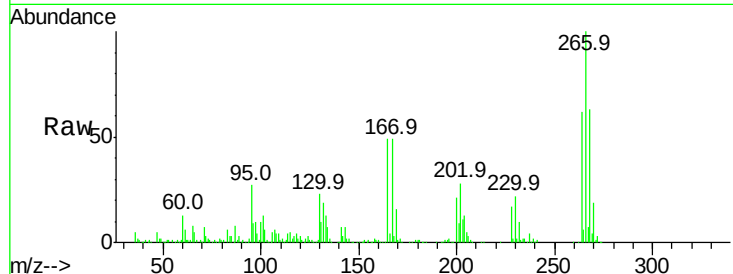




#69
 Pentachlorophenol
 Concen: 83.76 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

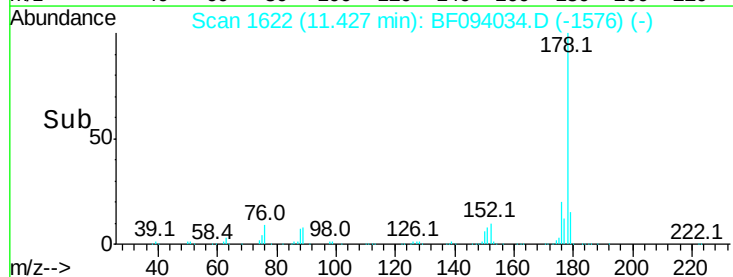
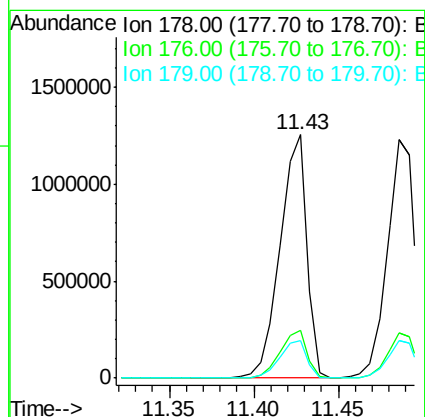
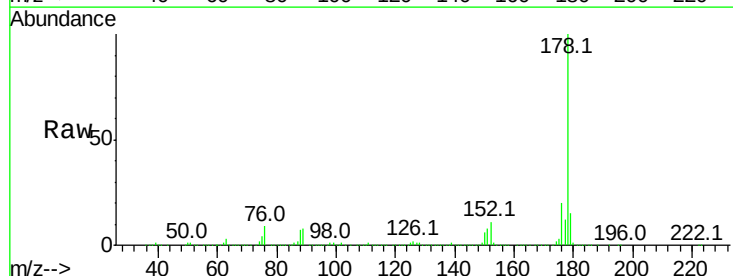
Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

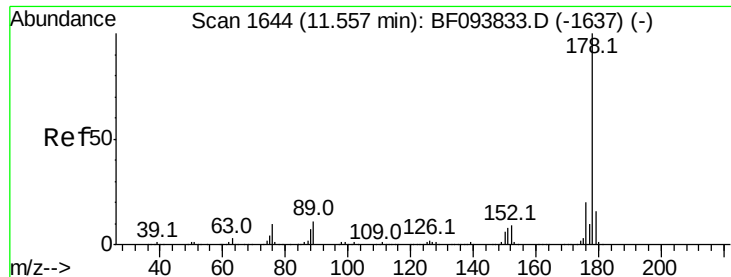
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	62.3	51.7	77.5



#70
 Phenanthrene
 Concen: 50.00 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.4	12.6	19.0

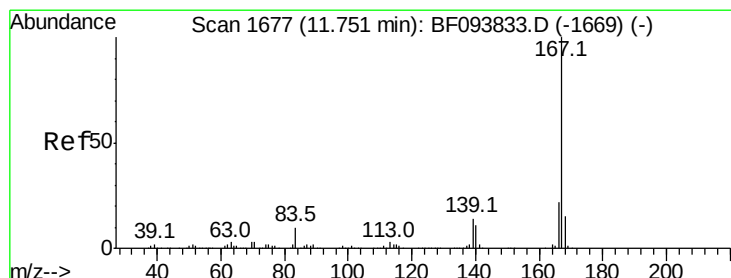
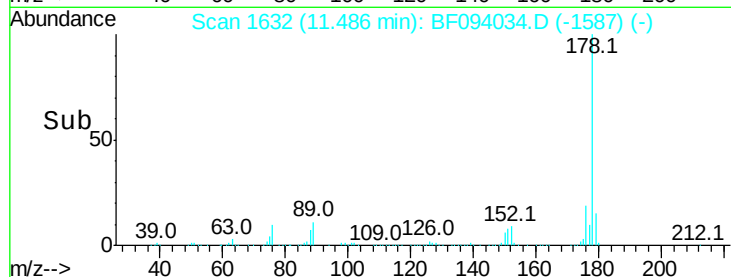
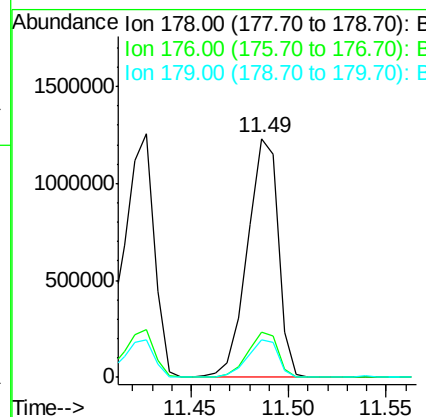
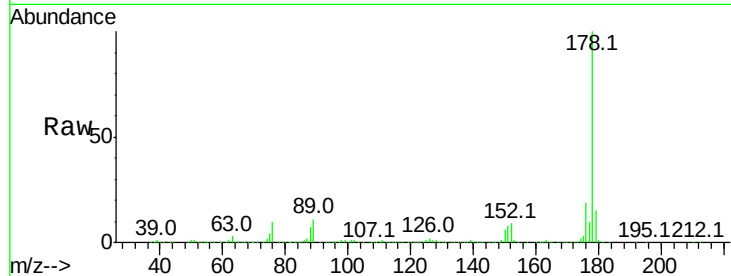




#71
 Anthracene
 Concen: 47.27 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.04 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

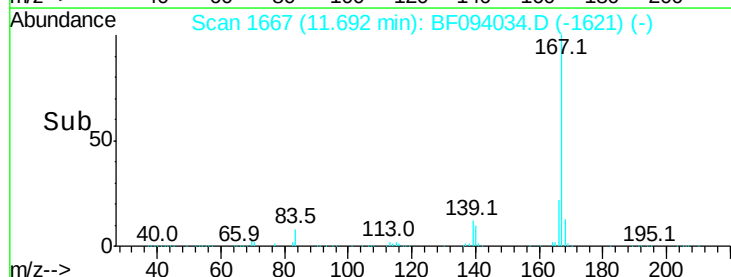
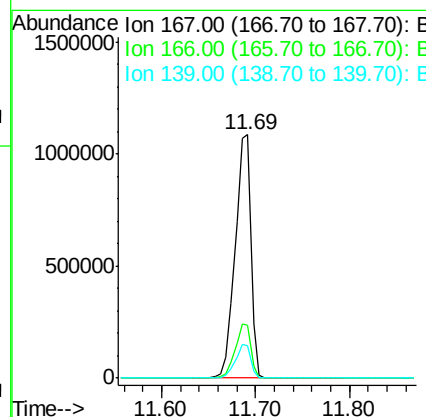
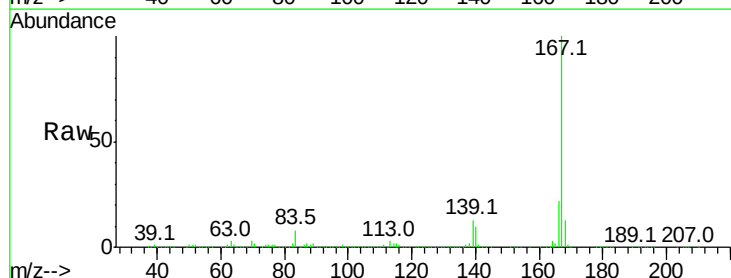
Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

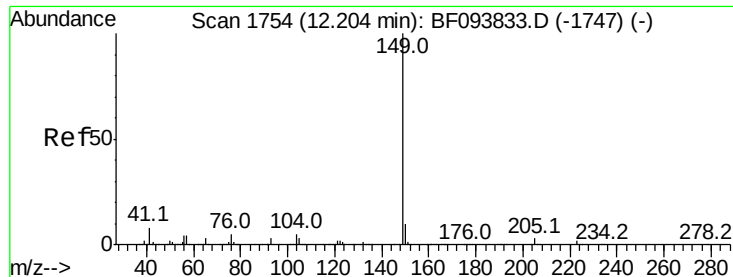
Tot Ion:178 Resp: 1348978
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 43.21 ng
 RT: 11.69 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion:167 Resp: 1264373
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 50.36 ng

RT: 12.14 min Scan# 1743

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMSD

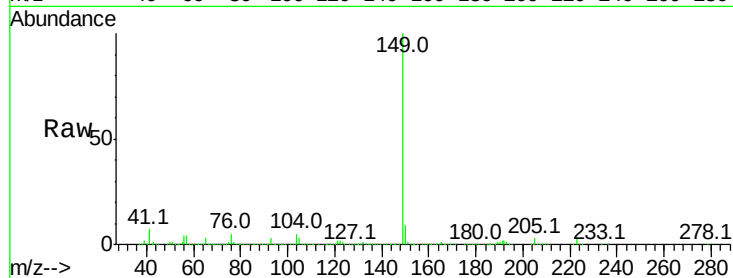
Tot Ion:149 Resp: 1532652

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

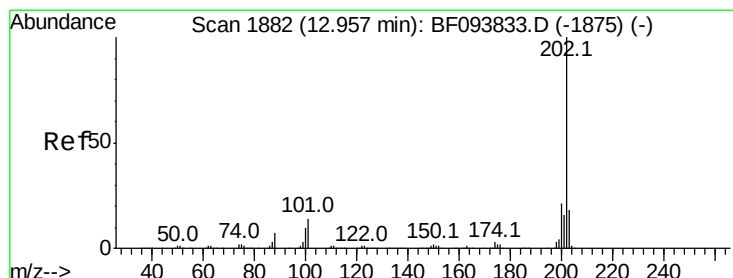
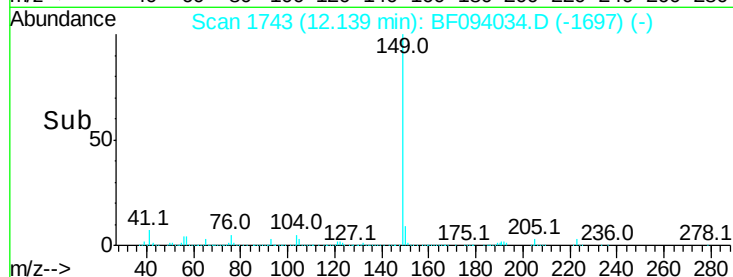
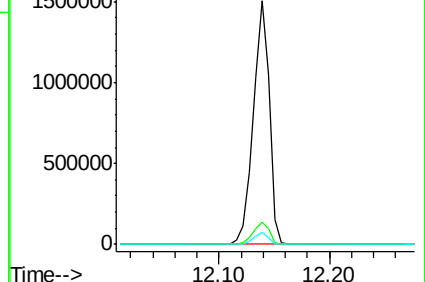
104 4.7 4.0 6.0



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: 47.04 ng

RT: 12.89 min Scan# 1870

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

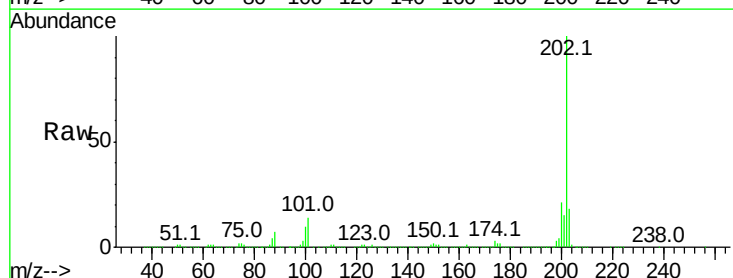
Tgt Ion:202 Resp: 1335013

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

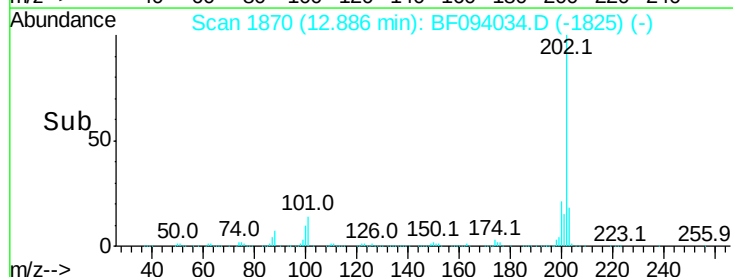
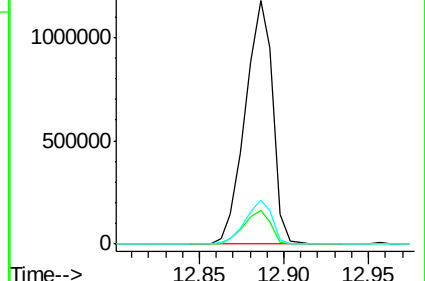
203 17.8 0.0 38.1

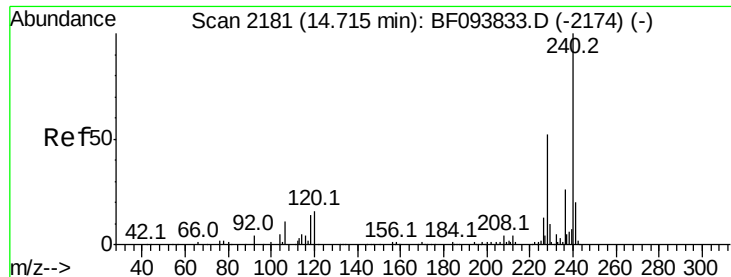


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

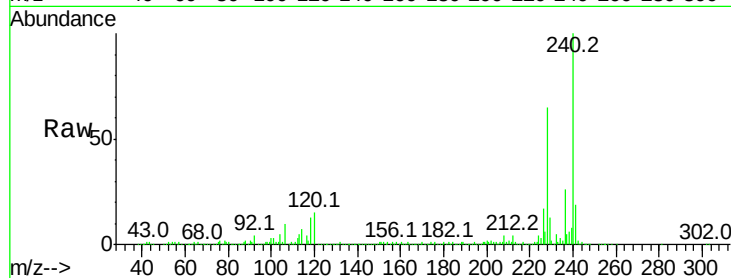
Tot Ion:240 Resp: 330745

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

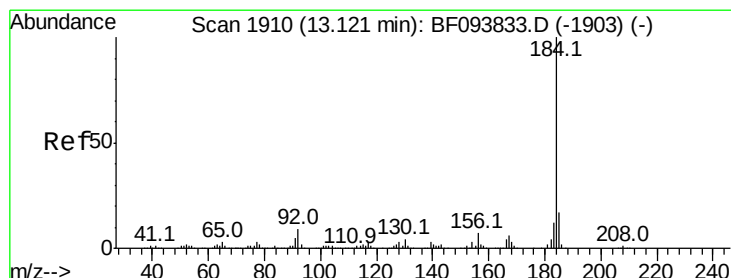
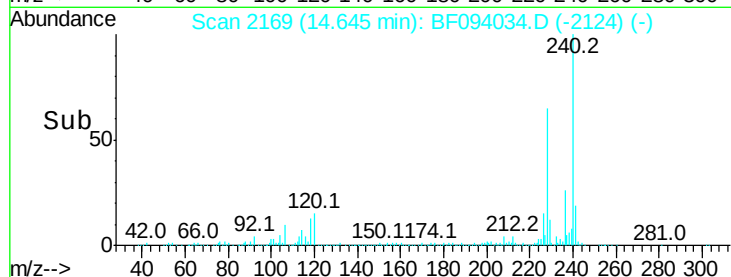
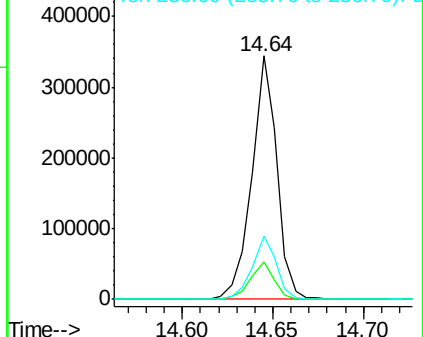
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.03 ng

RT: 13.05 min Scan# 1898

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

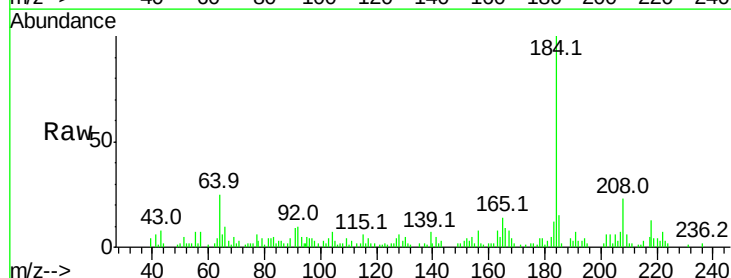
Tgt Ion:184 Resp: 39666

Ion Ratio Lower Upper

184 100

185 15.4 15.5 23.3#

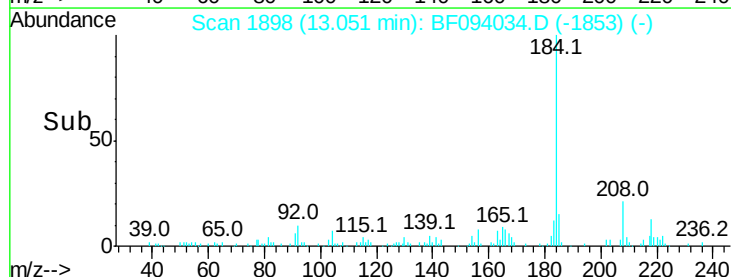
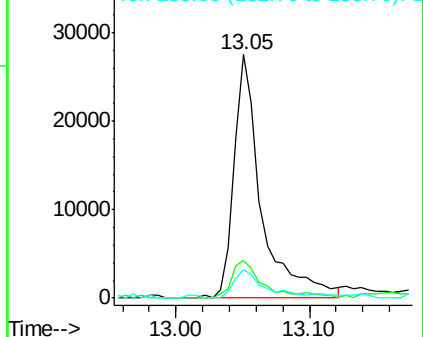
183 12.0 9.8 14.6

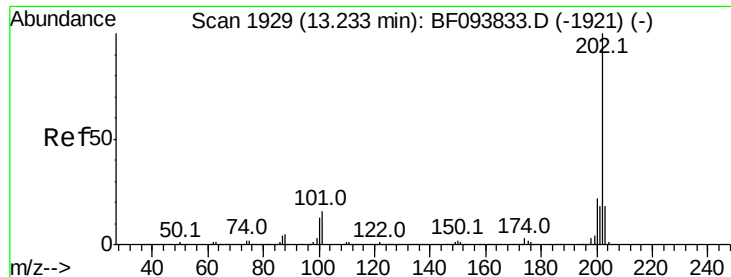


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 57.19 ng

RT: 13.16 min Scan# 1917

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

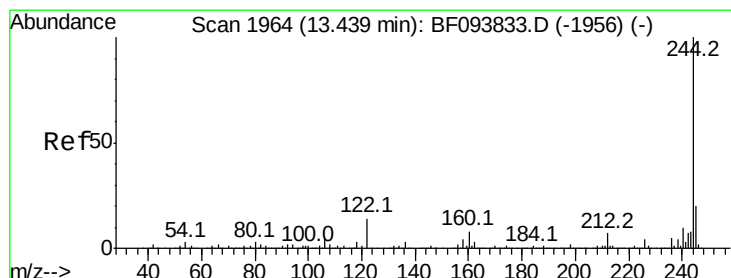
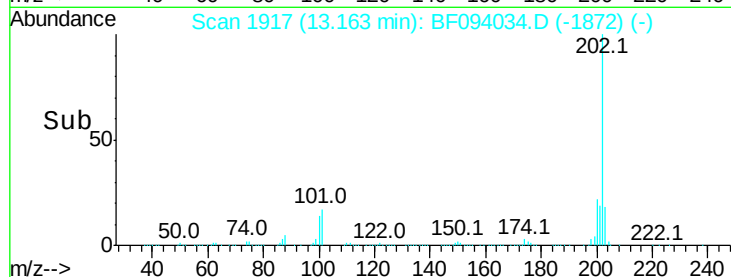
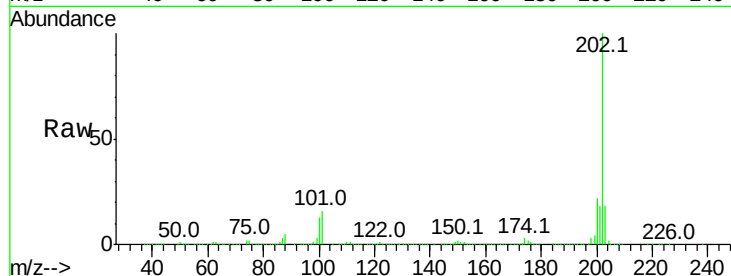
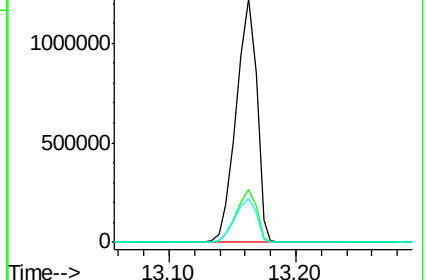
Tot Ion:202 Resp: 1372819

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.1	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: 90.71 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

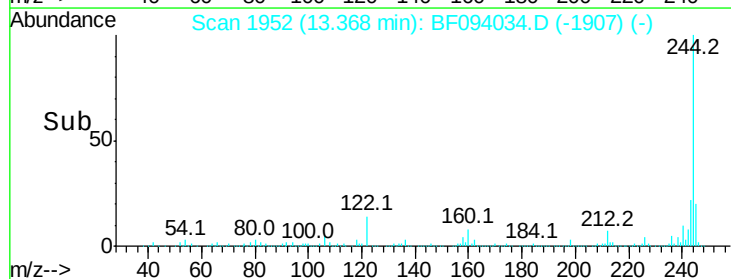
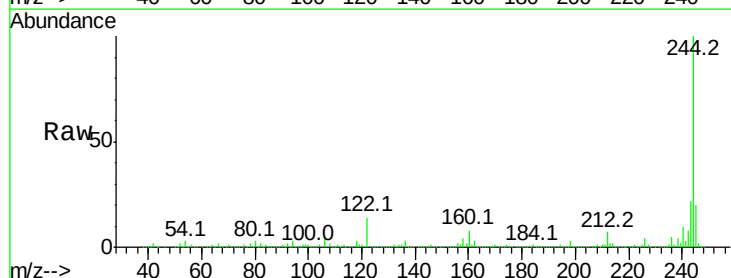
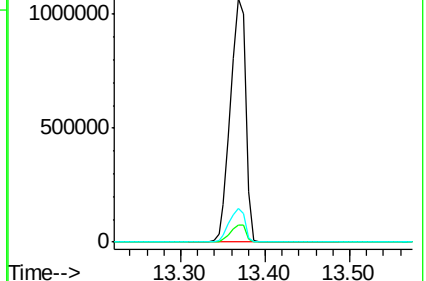
Tgt Ion:244 Resp: 1338446

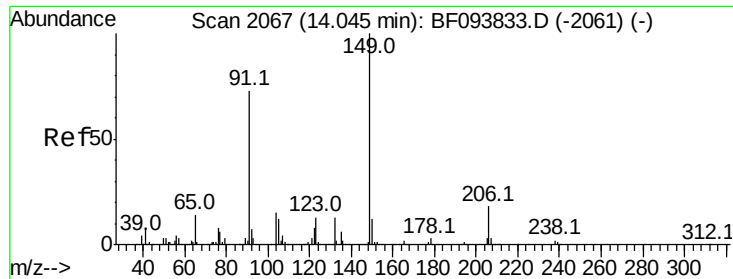
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.8	10.3	15.5

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

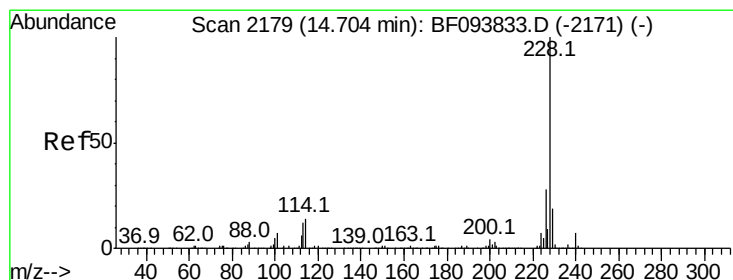
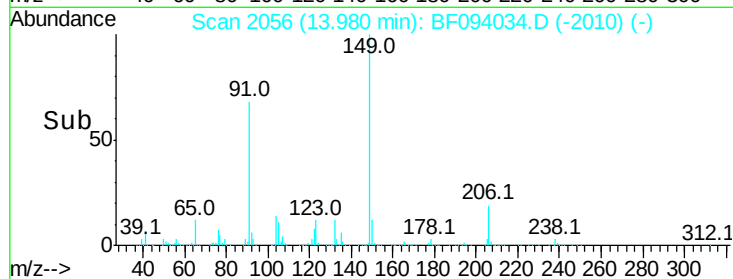
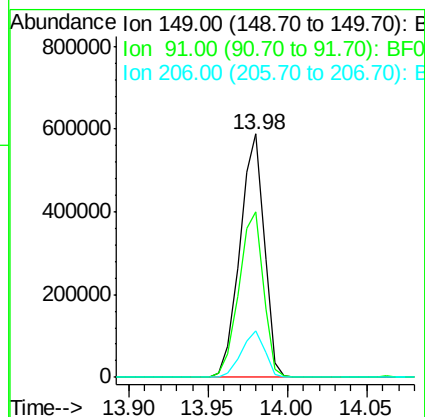
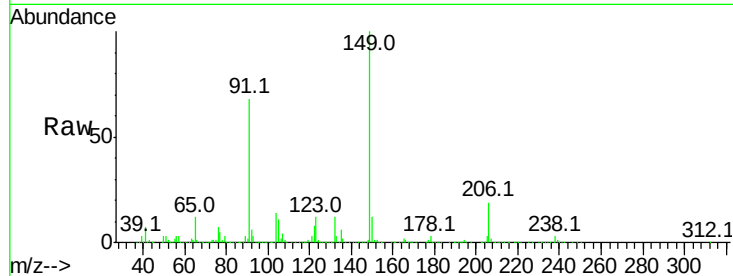




#79
Butylbenzylphthalate
Concen: 60.79 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

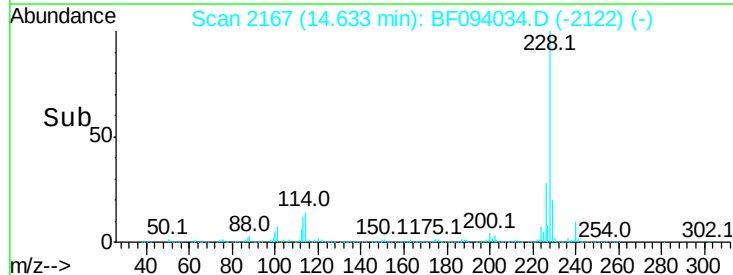
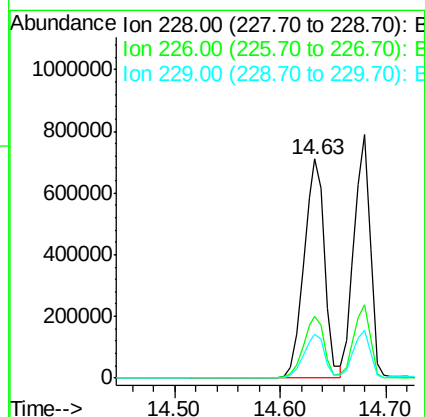
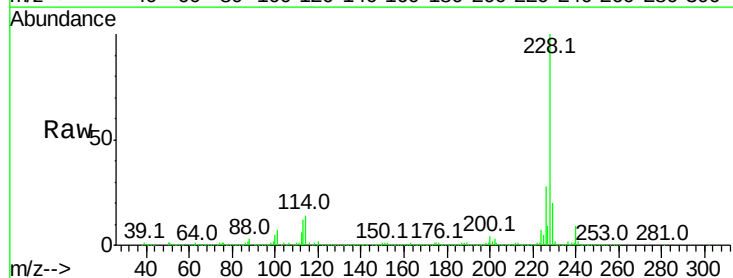
Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

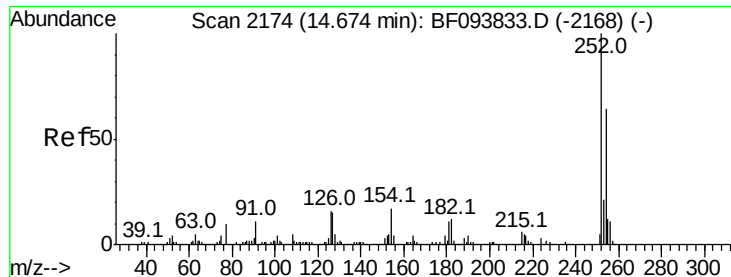
Tot Ion:149 Resp: 621746
Ion Ratio Lower Upper
149 100
91 67.7 45.0 67.4#
206 19.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 50.37 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion:228 Resp: 971406
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.1 16.3 24.5

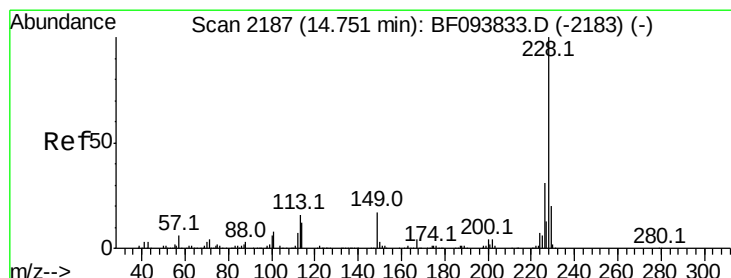
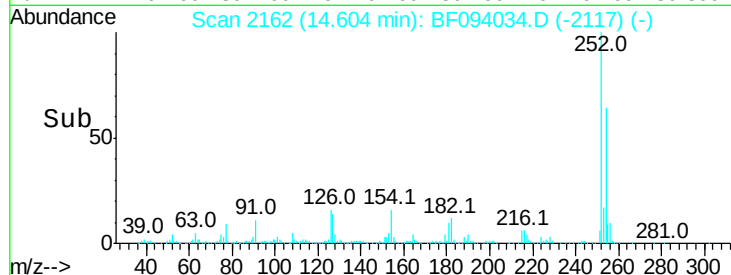
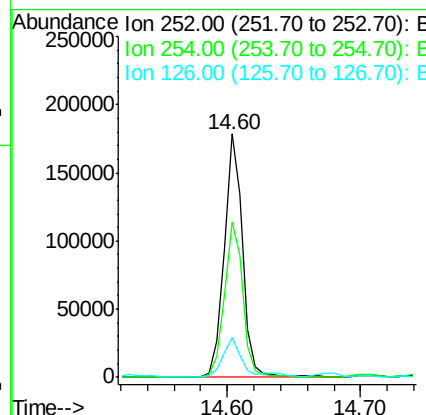
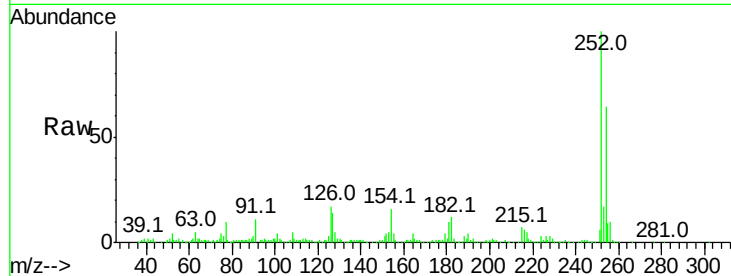




#81
 3,3'-Dichlorobenzidine
 Concen: 25.28 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

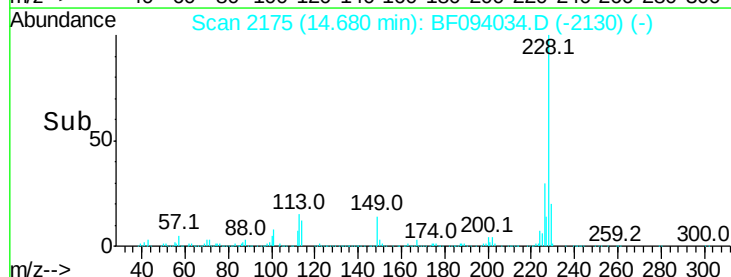
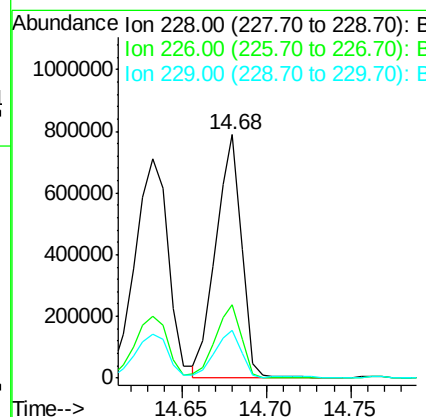
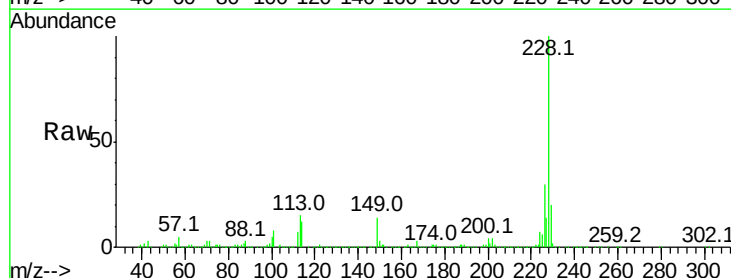
Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

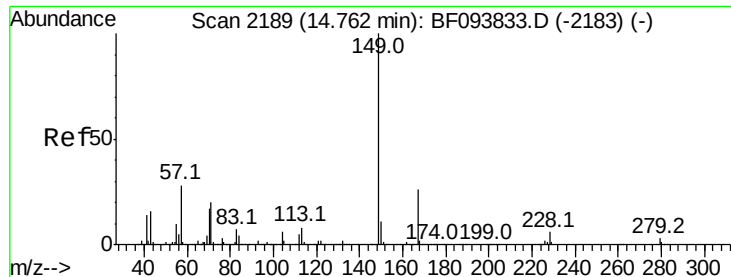
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	16.5	15.8	23.8



#82
 Chrysene
 Concen: 46.85 ng
 RT: 14.68 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.17 ng

RT: 14.69 min Scan# 2177

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BAEMSD

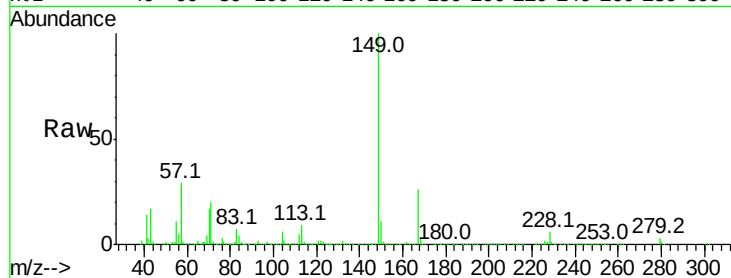
Tot Ion:149 Resp: 825605

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

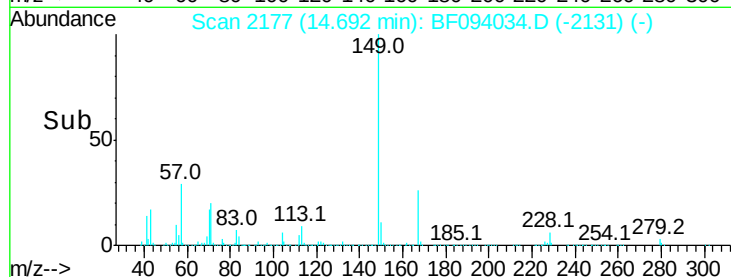
279 2.7 1.9 2.9



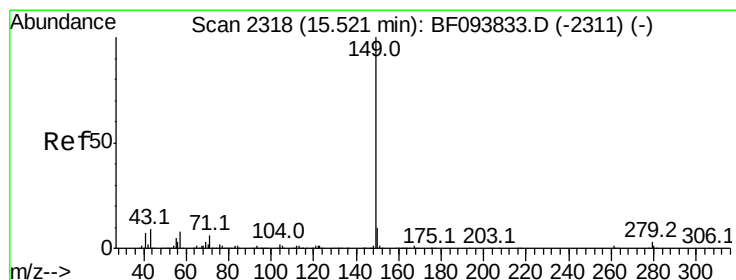
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 56.68 ng

RT: 15.45 min Scan# 2306

Delta R.T. -0.03 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

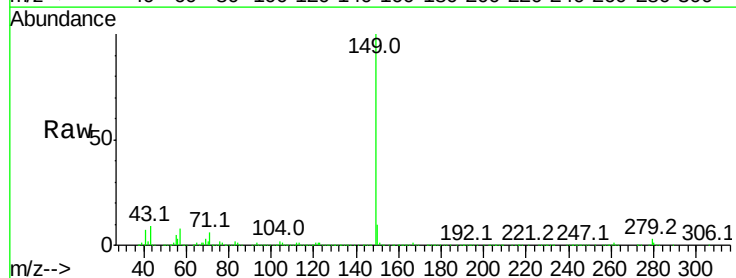
Tgt Ion:149 Resp: 1321140

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

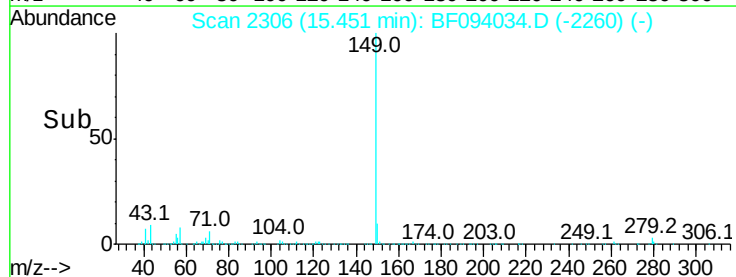
43 9.7 8.5 12.7



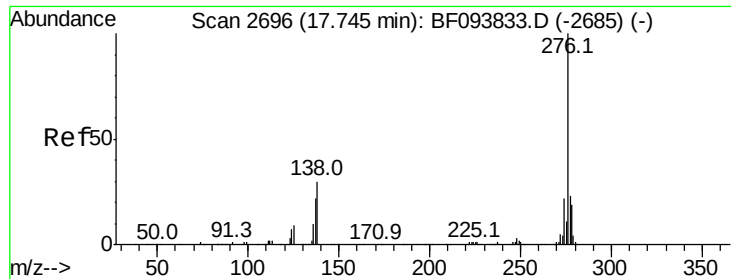
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



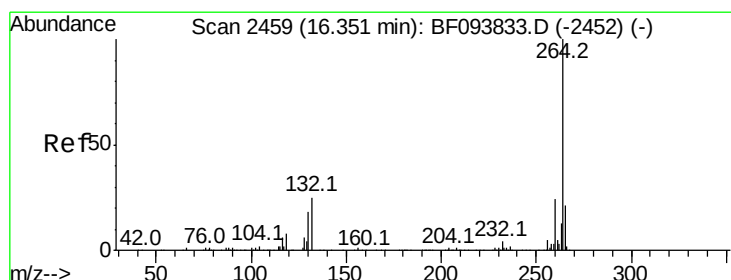
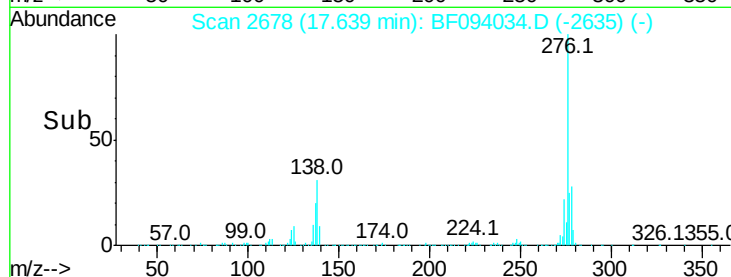
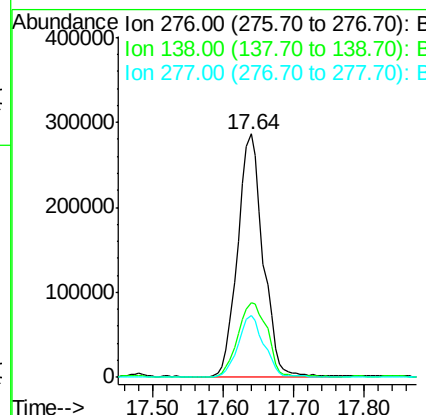
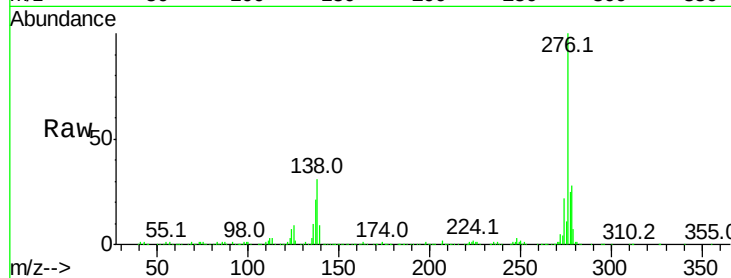
Time-->



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.25 ng
 RT: 17.64 min Scan# 2678
 Delta R.T. -0.05 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

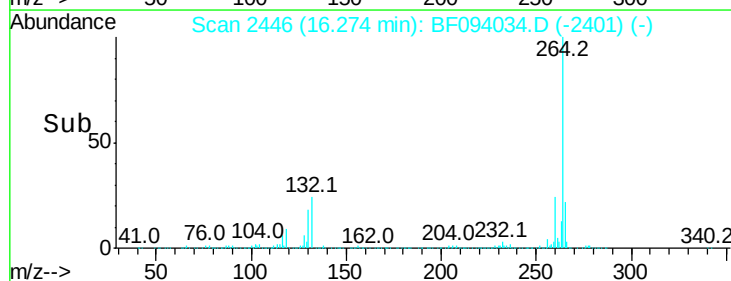
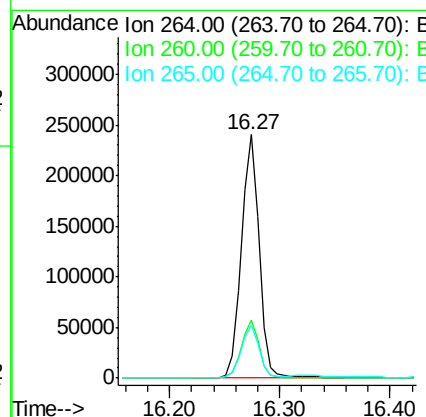
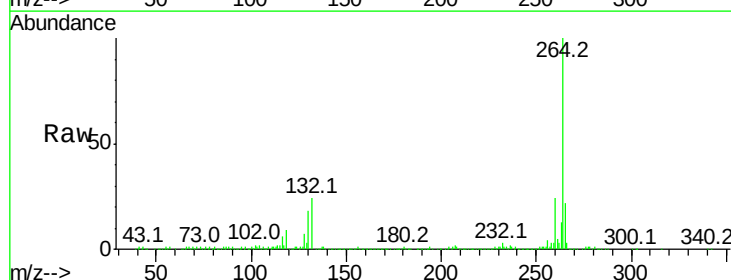
Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BAEMSD

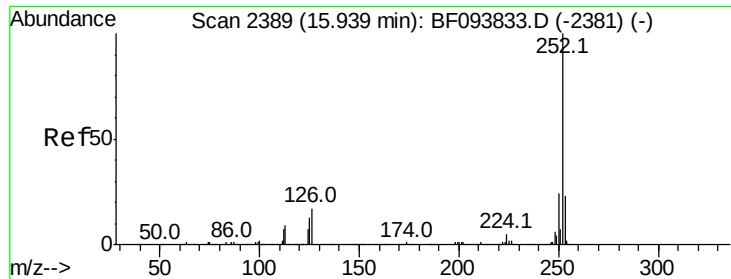
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094034.D
 Acq: 29 Mar 2017 22:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.2	25.8

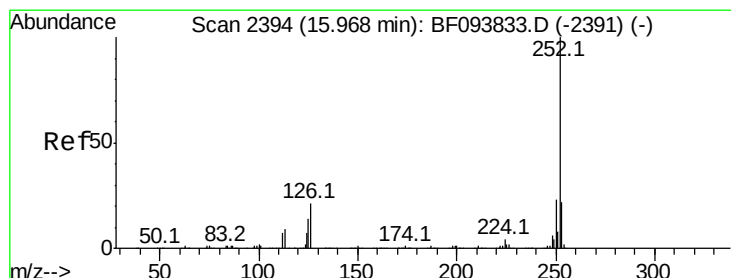
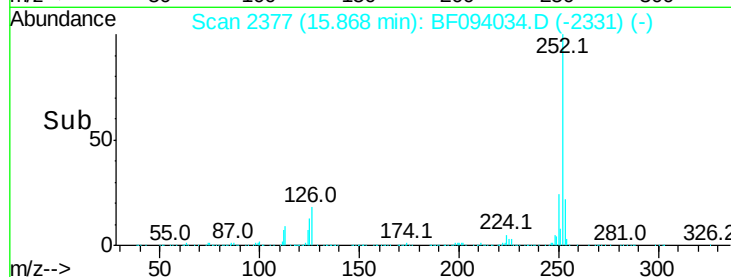
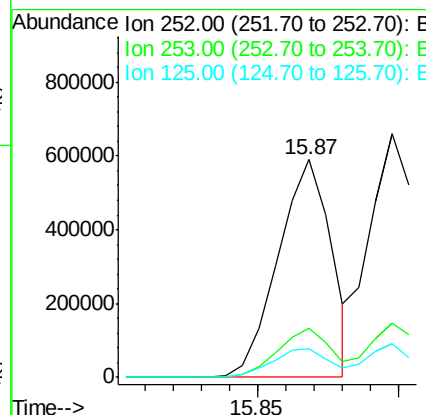
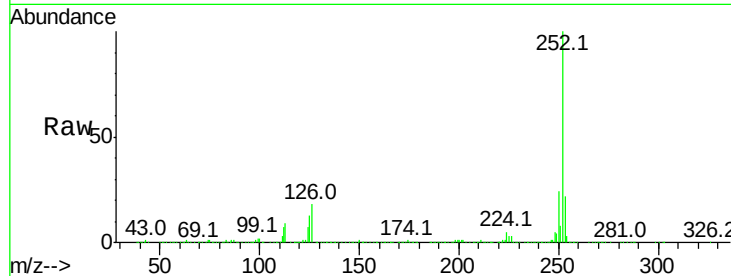




#87
Benzo(b)fluoranthene
Concen: 45.77 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.03 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

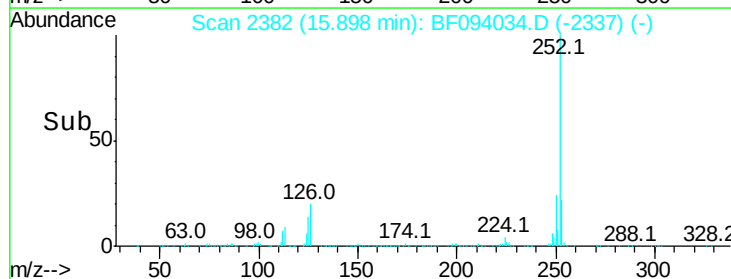
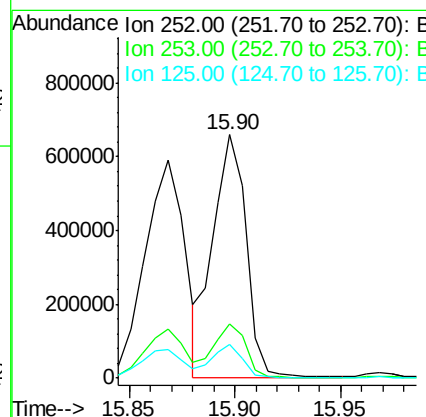
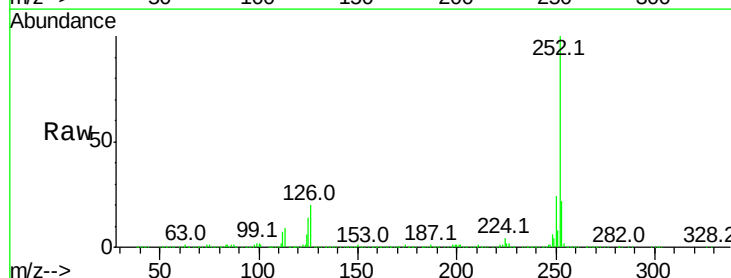
Instrument :
BNA_F
ClientSampleId :
E2-T11-BAEMSD

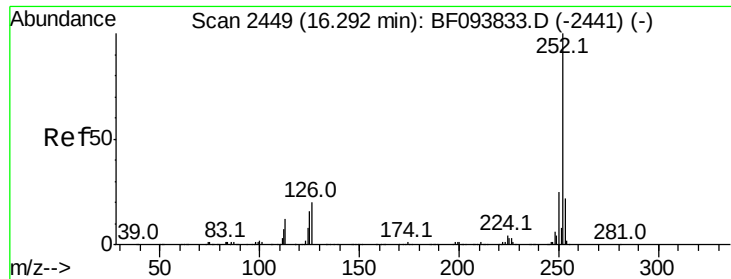
Tot Ion:252 Resp: 769184
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 13.4 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 44.09 ng
RT: 15.90 min Scan# 2382
Delta R.T. -0.04 min
Lab File: BF094034.D
Acq: 29 Mar 2017 22:29

Tgt Ion:252 Resp: 725058
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 13.6 13.1 19.7





#89

Benzo(a)pyrene

Concen: 45.99 ng

RT: 16.22 min Scan# 2436

Delta R.T. -0.04 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMSD

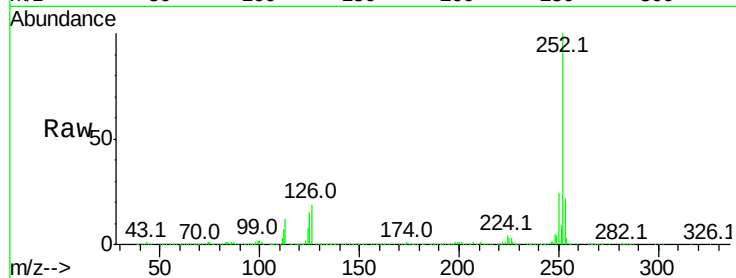
Tot Ion:252 Resp: 711761

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

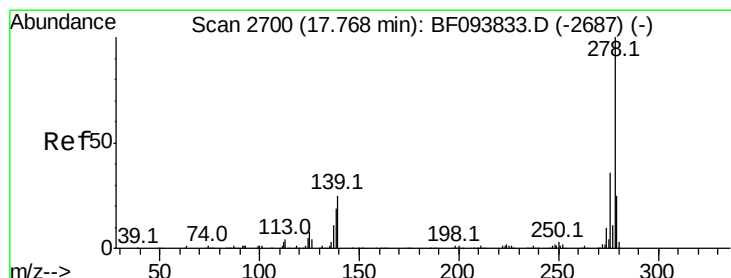
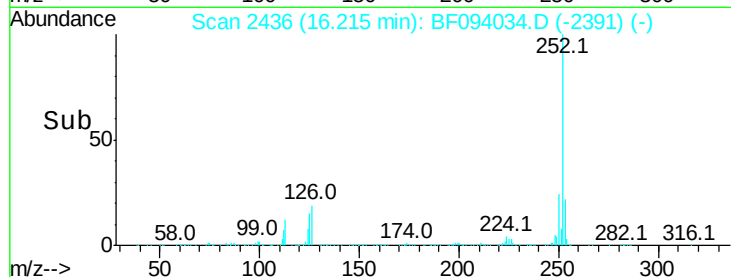
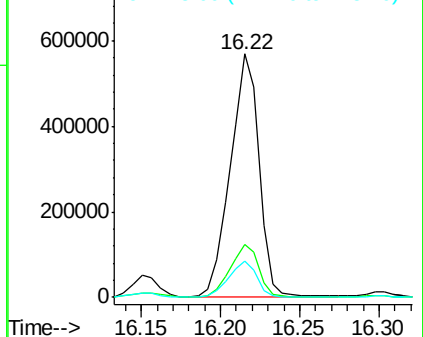
125 14.8 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.79 ng

RT: 17.66 min Scan# 2682

Delta R.T. -0.05 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

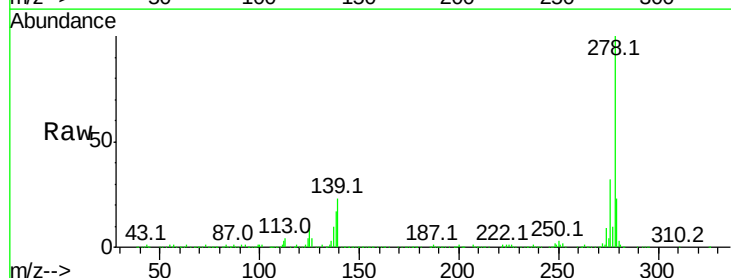
Tgt Ion:278 Resp: 600126

Ion Ratio Lower Upper

278 100

139 22.7 16.6 24.8

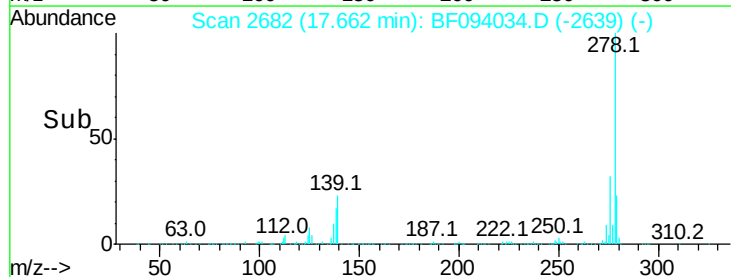
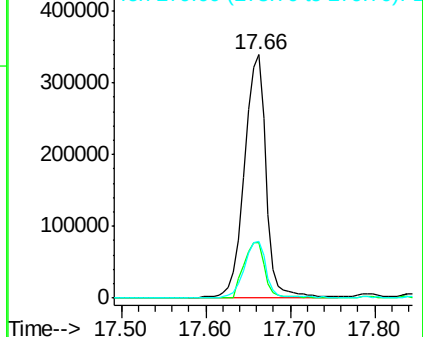
279 23.3 19.3 28.9

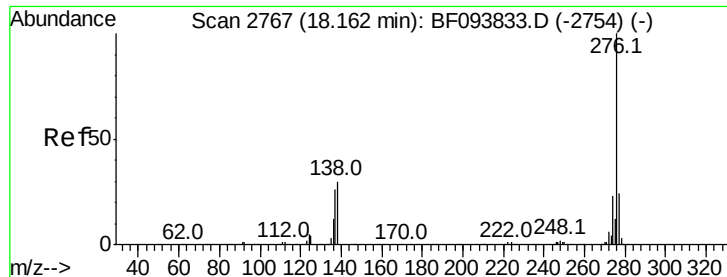


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.40 ng

RT: 18.04 min Scan# 2746

Delta R.T. -0.06 min

Lab File: BF094034.D

Acq: 29 Mar 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASEMSD

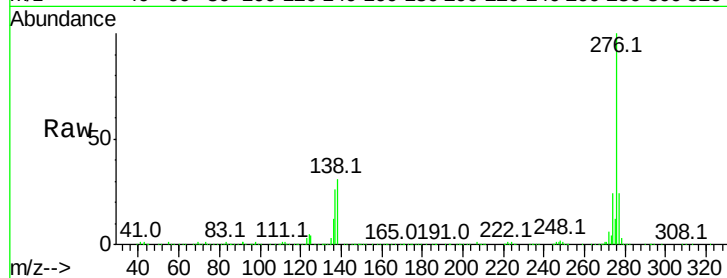
Tot Ion:276 Resp: 586544

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 31.2 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

