

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099809.D
 Acq On : 25 Oct 2017 13:04
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 16:55:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82273	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	343755	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	161134	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	295943	20.00	ng	0.00
75) Chrysene-d12	13.98	240	236626	20.00	ng	0.00
86) Perylene-d12	15.44	264	219902	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	432603	82.55	ng	-0.01
7) Phenol-d6	6.44	99	503001	80.95	ng	-0.01
23) Nitrobenzene-d5	7.37	82	413925	77.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	116902	79.61	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	851985	81.58	ng	0.00
78) Terphenyl-d14	12.92	244	812409	75.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	92732	40.072	ng	# 89
3) Pyridine	3.28	79	218407	39.246	ng	89
4) n-Nitrosodimethylamine	3.23	42	82366	41.429	ng	# 71
6) Aniline	6.46	93	328617	40.788	ng	98
8) 2-Chlorophenol	6.58	128	226015	40.467	ng	95
9) Benzaldehyde	6.35	77	148439	39.977	ng	93
10) Phenol	6.45	94	276076	40.467	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	215188	40.846	ng	95
12) 1,3-Dichlorobenzene	6.73	146	250869	40.004	ng	96
13) 1,4-Dichlorobenzene	6.81	146	258573	40.626	ng	98
14) 1,2-Dichlorobenzene	6.96	146	239339	41.260	ng	97
15) Benzyl Alcohol	6.95	79	160299	40.565	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	234971	40.151	ng	69
17) 2-Methylphenol	7.06	107	190420	40.759	ng	99
18) Hexachloroethane	7.30	117	83870	39.498	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	145484	39.953	ng	91
20) 3+4-Methylphenols	7.21	107	224111	41.198	ng	# 61
22) Acetophenone	7.21	105	305899	39.083	ng	# 98
24) Nitrobenzene	7.39	77	210101	39.053	ng	91
25) Isophorone	7.62	82	376019	38.810	ng	96
26) 2-Nitrophenol	7.70	139	125360	40.683	ng	87
27) 2,4-Dimethylphenol	7.74	122	180241	39.699	ng	93
28) bis(2-Chloroethoxy)methane	7.83	93	267574	39.433	ng	99
29) 2,4-Dichlorophenol	7.95	162	189621	40.205	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	197879	39.267	ng	98
31) Naphthalene	8.10	128	660293	39.793	ng	99
32) Benzoic acid	7.89	122	162903	40.764	ng	97
33) 4-Chloroaniline	8.16	127	281004	41.011	ng	# 94
34) Hexachlorobutadiene	8.21	225	101432	39.132	ng	98
35) Caprolactam	8.55	113	60053	40.489	ng	# 75
36) 4-Chloro-3-methylphenol	8.65	107	188616	39.181	ng	92
37) 2-Methylnaphthalene	8.79	142	445358	40.050	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	204562	39.307	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	29834	38.471	ng	96

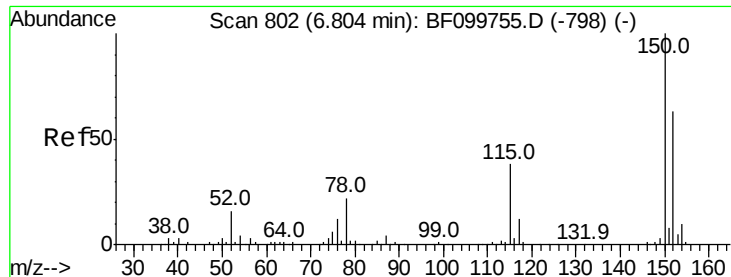
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	125428	39.844	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	134401	40.233	nq	# 93
45) 1,1'-Biphenyl	9.26	154	570803	39.158	nq	98
46) 2-Chloronaphthalene	9.29	162	412996	39.012	nq	96
47) 2-Nitroaniline	9.39	65	109492	39.408	nq	84
48) Acenaphthylene	9.70	152	644757	39.544	nq	100
49) Dimethylphthalate	9.56	163	489969	38.397	nq	99
50) 2,6-Dinitrotoluene	9.63	165	105179	39.209	nq	# 82
51) Acenaphthene	9.87	154	388421	38.987	nq	98
52) 3-Nitroaniline	9.81	138	128090	40.524	nq	83
53) 2,4-Dinitrophenol	9.93	184	35696	37.037	nq	# 81
54) Dibenzofuran	10.05	168	545118	38.762	nq	98
55) 4-Nitrophenol	9.98	139	66541	40.290	nq	82
56) 2,4-Dinitrotoluene	10.05	165	126614	39.193	nq	# 94
57) Fluorene	10.39	166	458042	39.338	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	94604	40.391	nq	93
59) Diethylphthalate	10.26	149	484095	38.848	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	215334	39.295	nq	95
61) 4-Nitroaniline	10.43	138	124654	41.336	nq	85
62) Azobenzene	10.54	77	408531	39.109	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	73816	39.679	nq	83
65) n-Nitrosodiphenylamine	10.50	169	430175	39.377	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	122469	39.309	nq	# 86
67) Hexachlorobenzene	10.94	284	122551	38.449	nq	# 92
68) Atrazine	11.03	200	126948	38.685	nq	98
69) Pentachlorophenol	11.14	266	53749	39.464	nq	96
70) Phenanthrene	11.36	178	652308	39.057	nq	98
71) Anthracene	11.40	178	662976	39.107	nq	99
72) Carbazole	11.57	167	634626	39.808	nq	99
73) Di-n-butylphthalate	11.88	149	777062	38.215	nq	99
74) Fluoranthene	12.55	202	690631	39.791	nq	99
76) Benzidine	12.67	184	353762	34.166	nq	98
77) Pyrene	12.78	202	698059	38.796	nq	99
79) Butylbenzylphthalate	13.39	149	334235	37.723	nq	87
80) Benzo(a)anthracene	13.97	228	587632	39.174	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	217411	39.928	nq	99
82) Chrysene	14.01	228	546116	38.725	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	450253	36.186	nq	98
84) Di-n-octyl phthalate	14.55	149	787894	36.894	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.93	276	483745	37.365	nq	97
87) Benzo(b)fluoranthene	15.02	252	521025	37.522	nq	97
88) Benzo(k)fluoranthene	15.05	252	541767	41.376	nq	99
89) Benzo(a)pyrene	15.39	252	494740	39.664	nq	# 97
90) Dibenzo(a,h)anthracene	16.93	278	409926	36.986	nq	97
91) Benzo(g,h,i)perylene	17.37	276	396955	36.608	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampled :

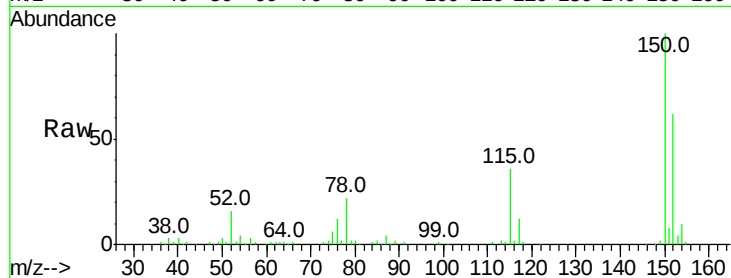
Tot Ion:152 Resp: 82273

Ion Ratio Lower Upper

152 100

150 160.4 124.6 186.8

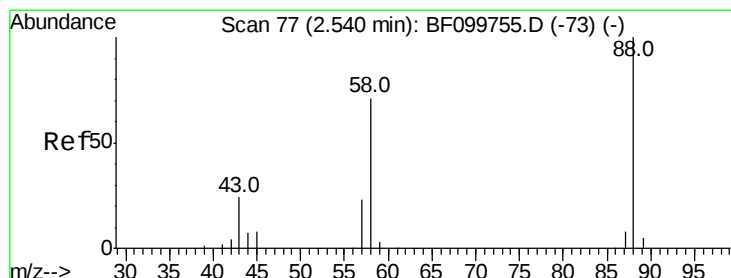
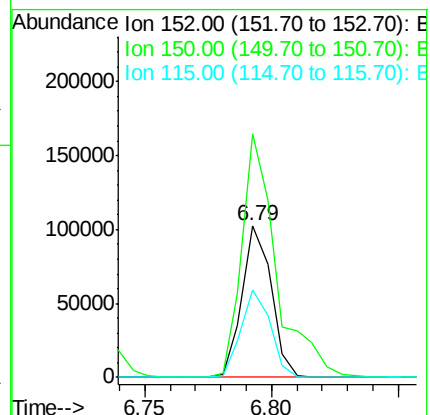
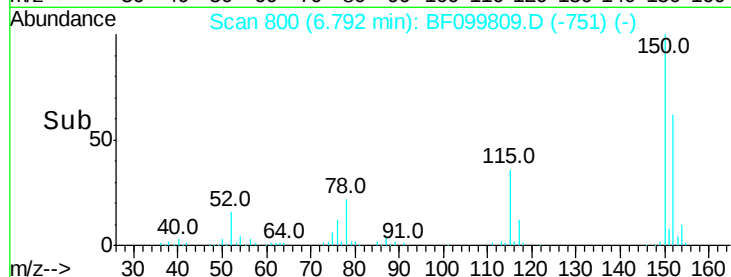
115 57.8 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.072 ng

RT: 2.50 min Scan# 71

Delta R.T. -0.04 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

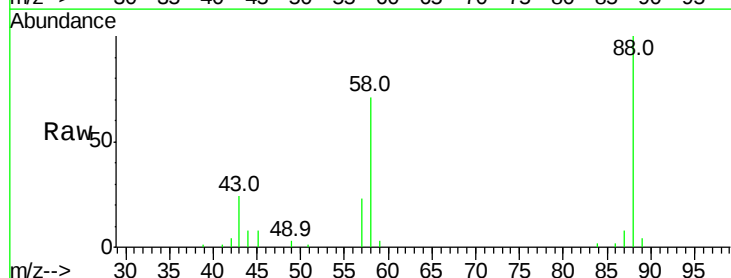
Tgt Ion: 88 Resp: 92732

Ion Ratio Lower Upper

88 100

58 70.0 62.6 93.8

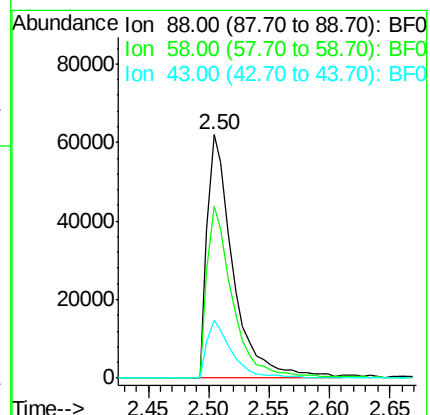
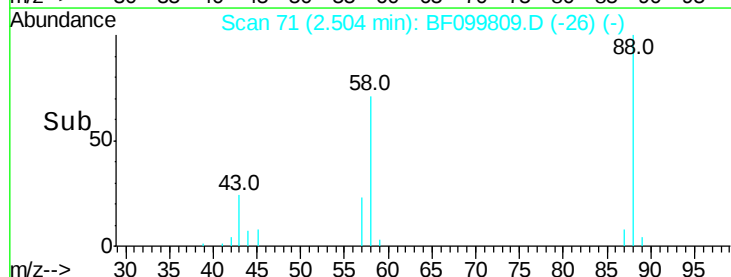
43 22.6 24.6 37.0#

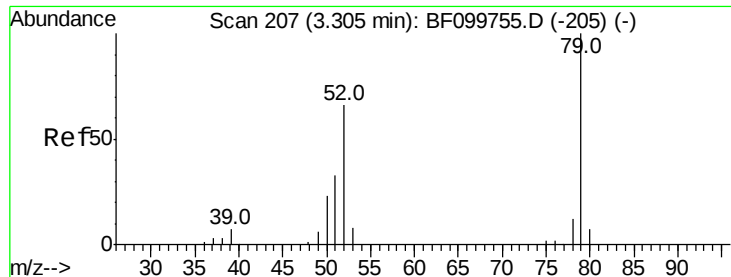


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.246 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

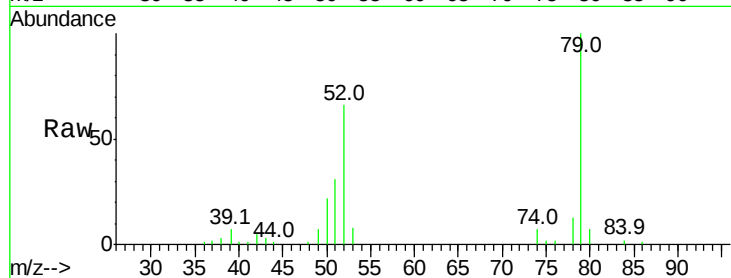
Tot Ion: 79 Resp: 218407

Ion Ratio Lower Upper

79 100

52 65.6 59.8 89.6

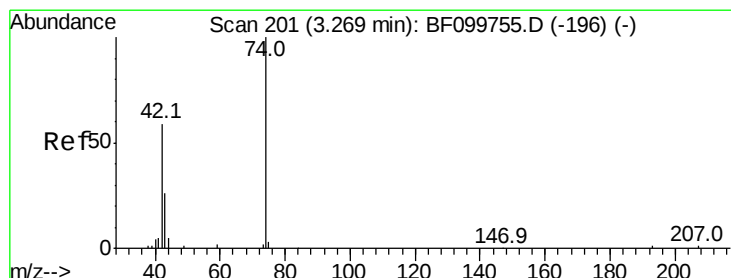
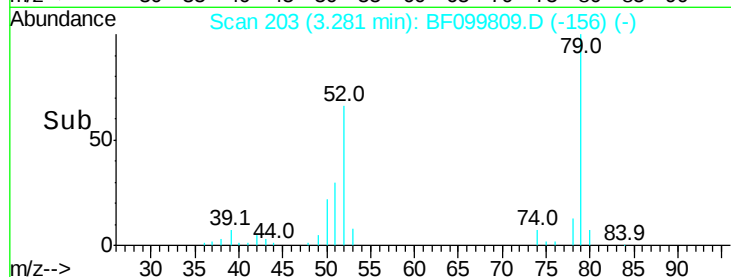
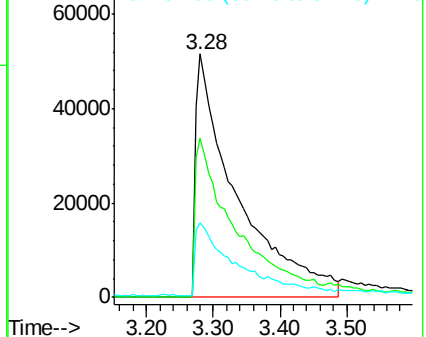
51 30.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.429 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.04 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

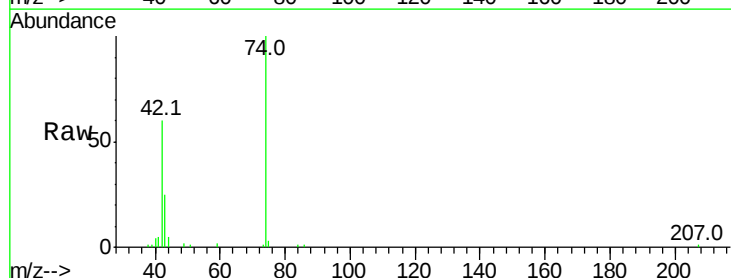
Tgt Ion: 42 Resp: 82366

Ion Ratio Lower Upper

42 100

74 167.6 104.9 157.3#

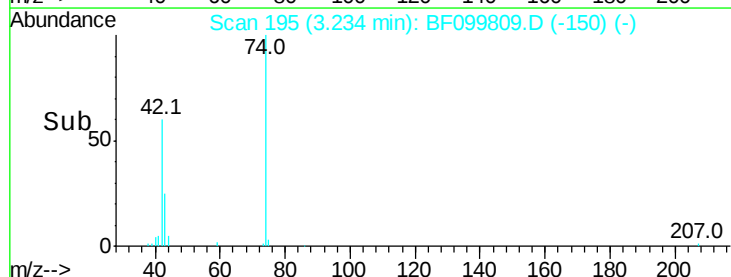
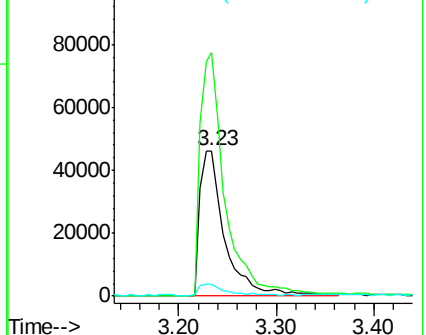
44 7.8 6.9 10.3

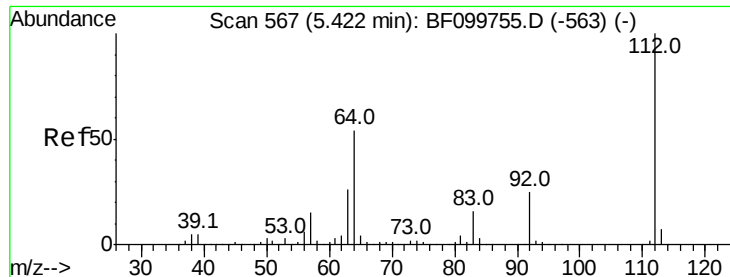


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.551 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampled :

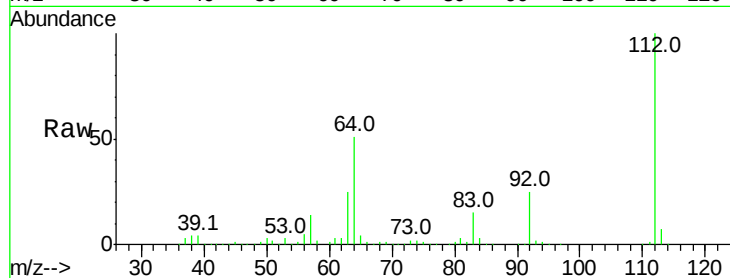
Tot Ion:112 Resp: 432603

Ion Ratio Lower Upper

112 100

64 51.3 47.9 71.9

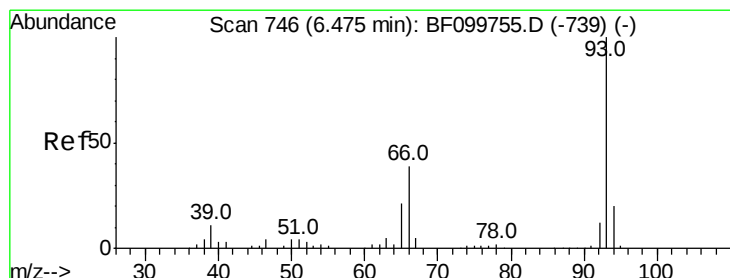
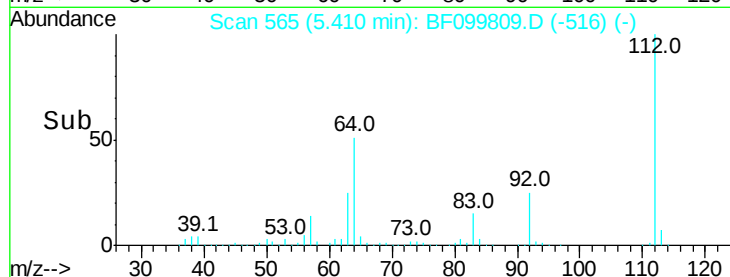
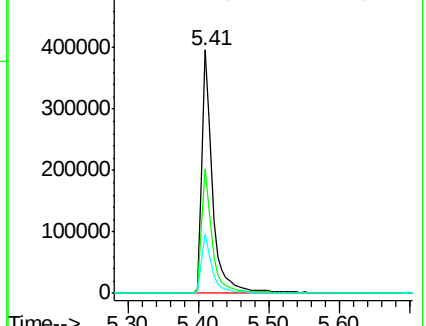
63 24.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.788 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

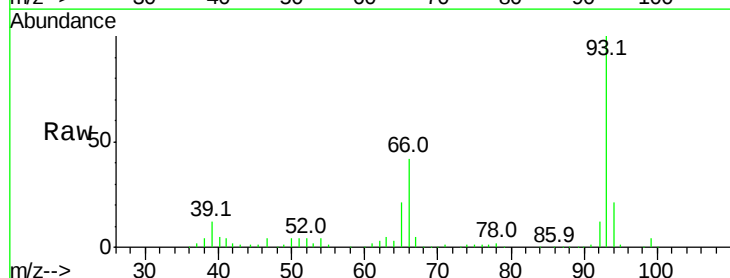
Tgt Ion: 93 Resp: 328617

Ion Ratio Lower Upper

93 100

66 41.9 32.2 48.2

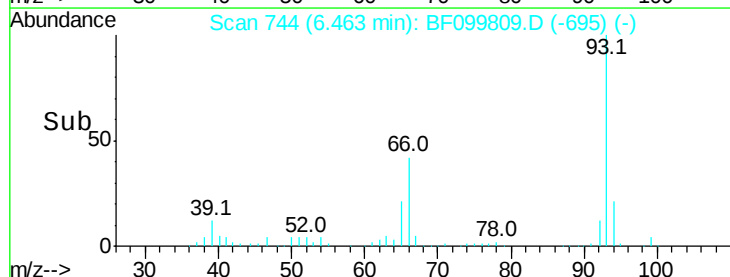
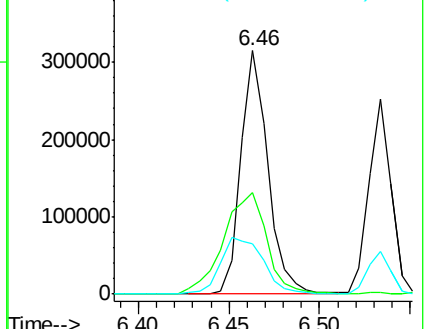
65 20.8 16.4 24.6

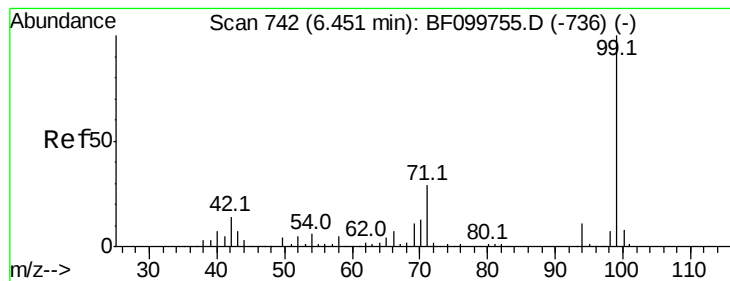


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.951 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

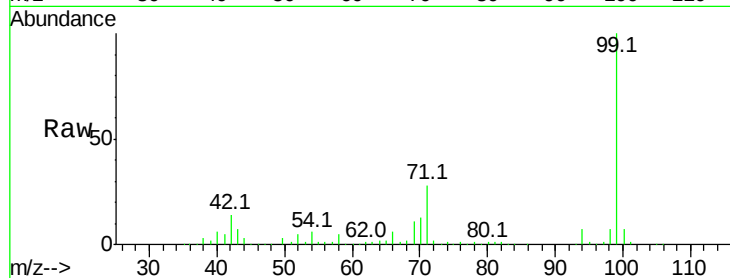
Tot Ion: 99 Resp: 503001

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

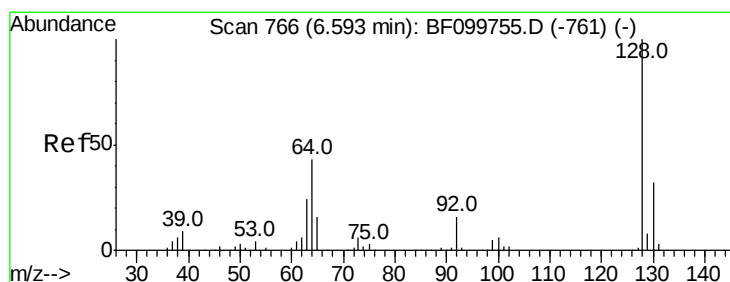
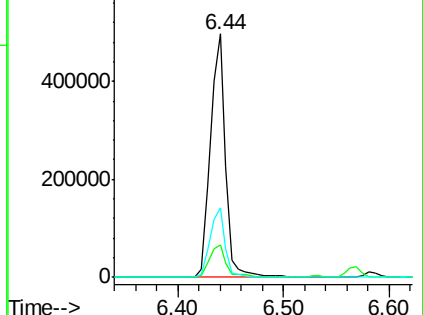
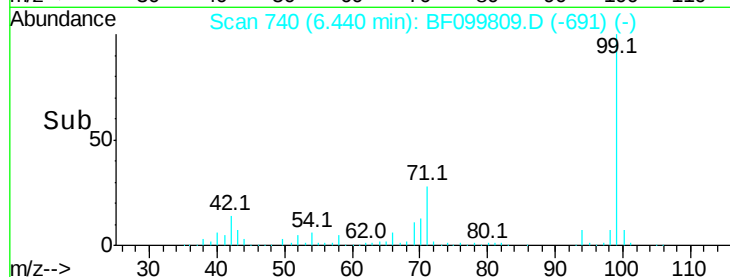
71 28.4 25.4 38.0



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: 40.467 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

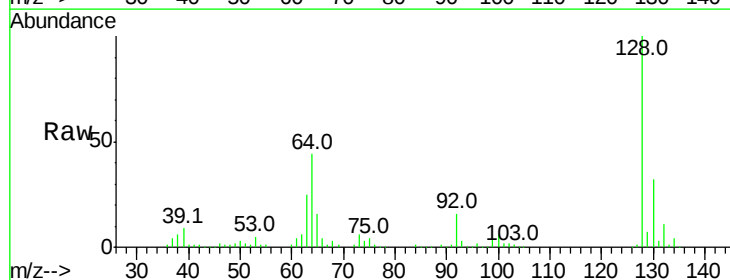
Tgt Ion:128 Resp: 226015

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

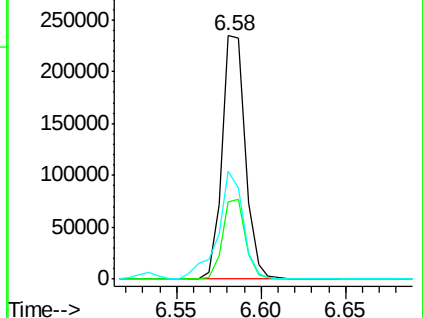
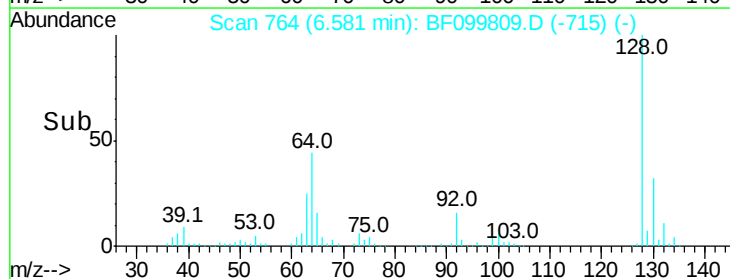
64 44.2 29.4 69.4

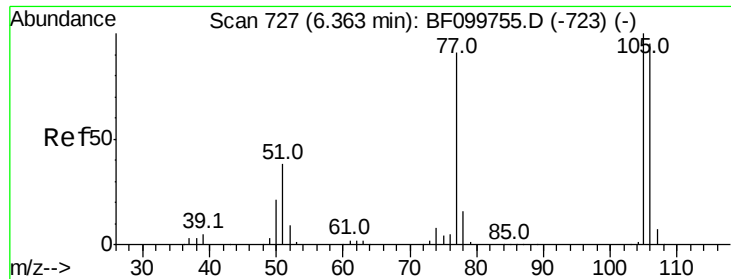


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

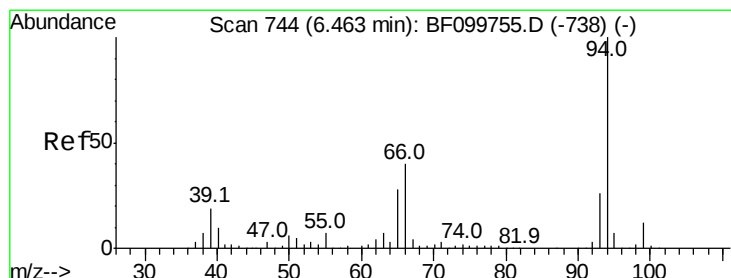
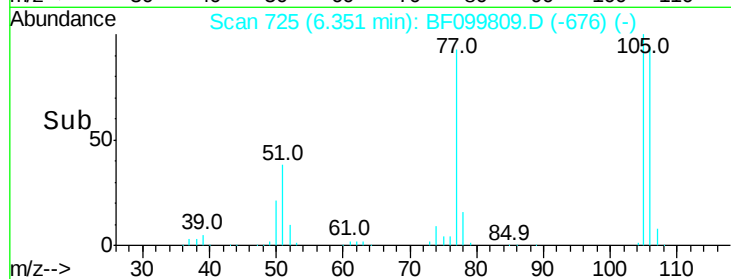
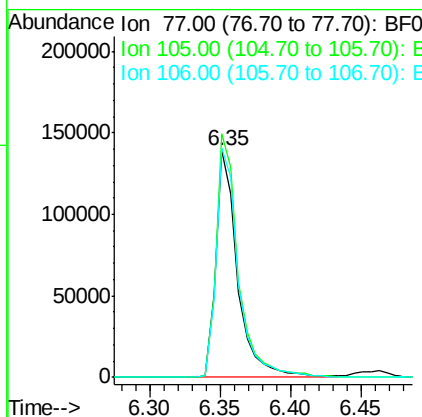
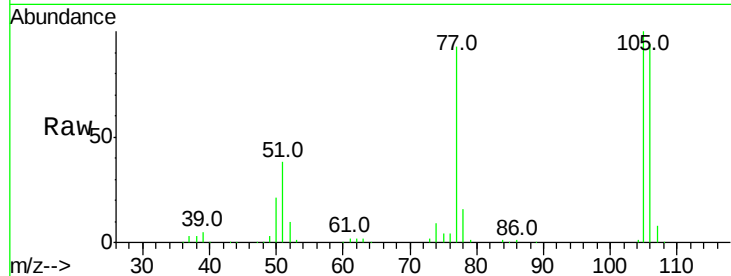




#9
Benzaldehyde
Concen: 39.977 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

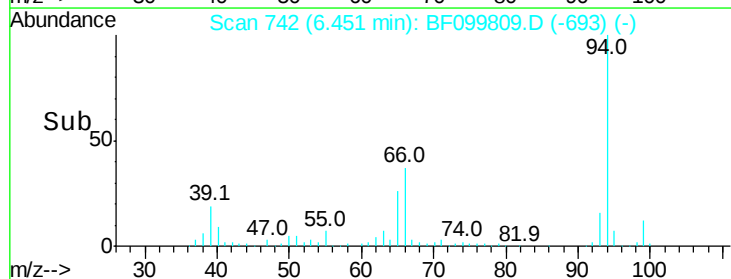
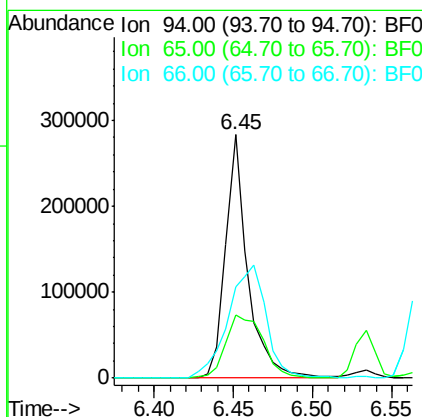
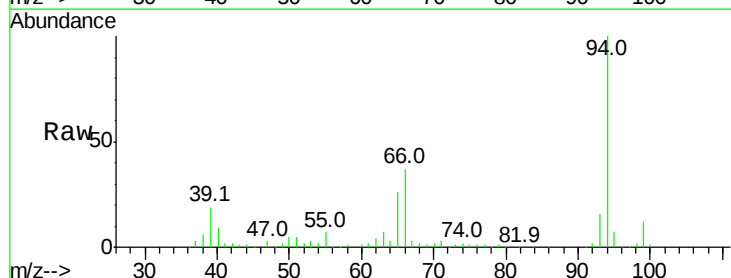
Instrument :
BNA_F
ClientSampleId :

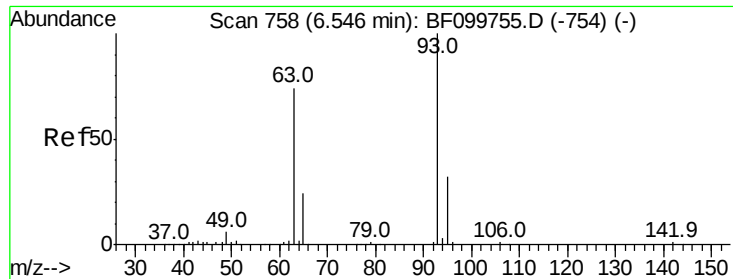
Tot Ion: 77 Resp: 148439
Ion Ratio Lower Upper
77 100
105 107.3 81.1 121.1
106 101.4 74.5 114.5



#10
Phenol
Concen: 40.467 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion: 94 Resp: 276076
Ion Ratio Lower Upper
94 100
65 25.9 7.9 47.9
66 37.5 16.2 56.2

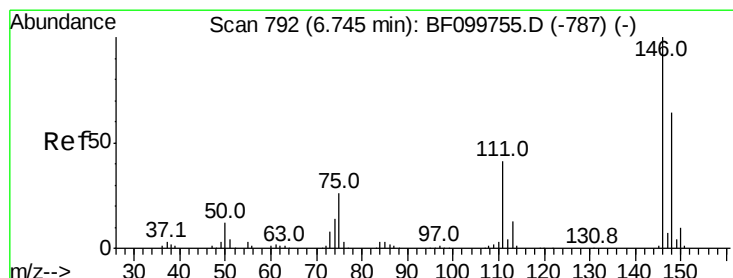
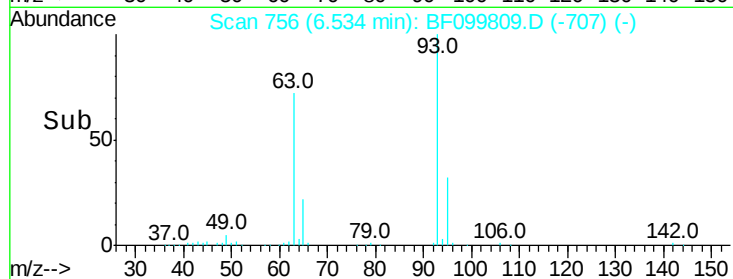
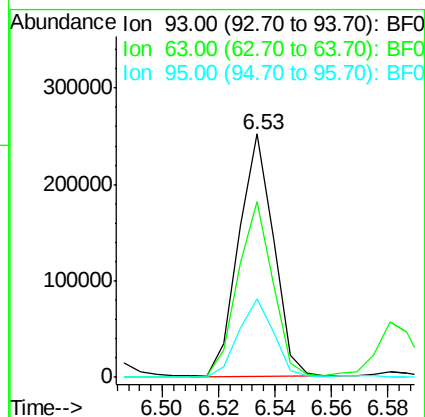
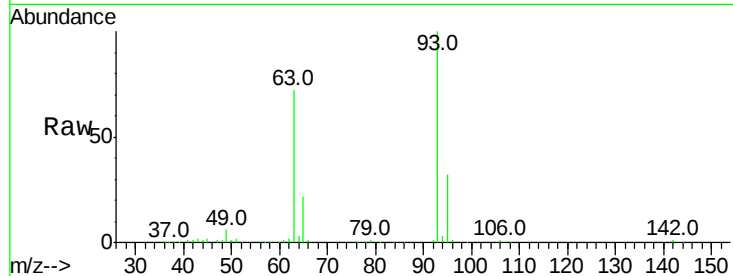




#11
bis(2-Chloroethyl)ether
Concen: 40.846 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

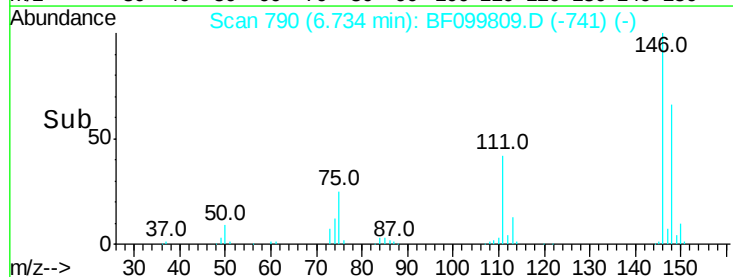
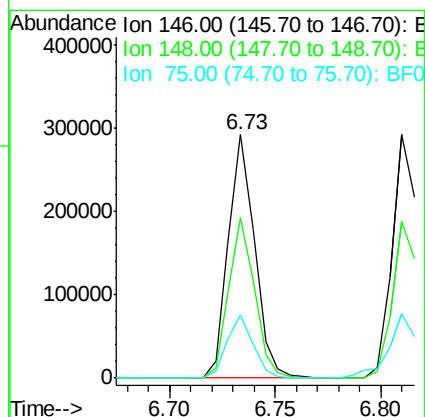
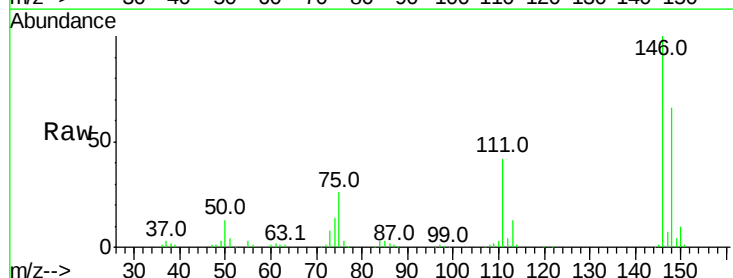
Instrument :
BNA_F
ClientSampleId :

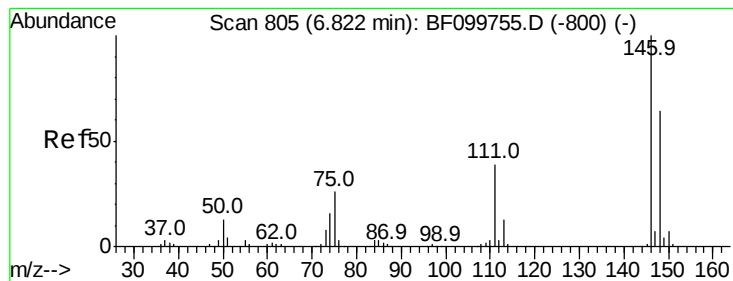
Tot Ion: 93 Resp: 215188
Ion Ratio Lower Upper
93 100
63 72.2 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.004 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion: 146 Resp: 250869
Ion Ratio Lower Upper
146 100
148 65.9 51.8 77.8
75 25.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.626 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

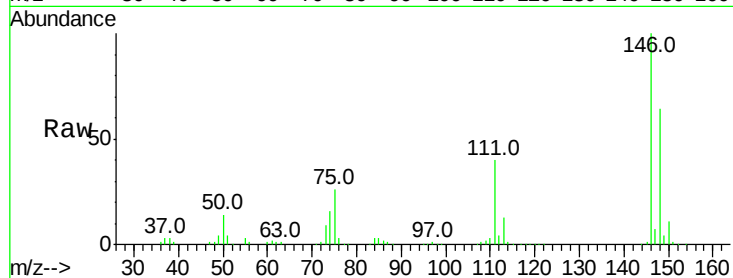
Tot Ion:146 Resp: 258573

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

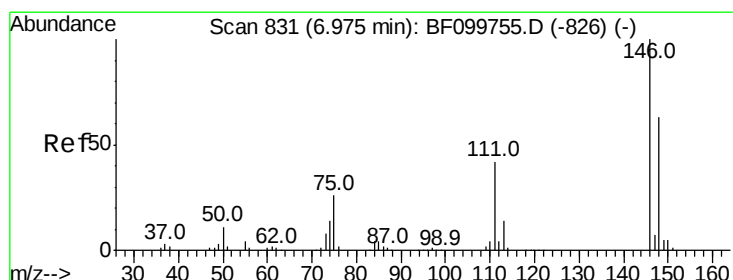
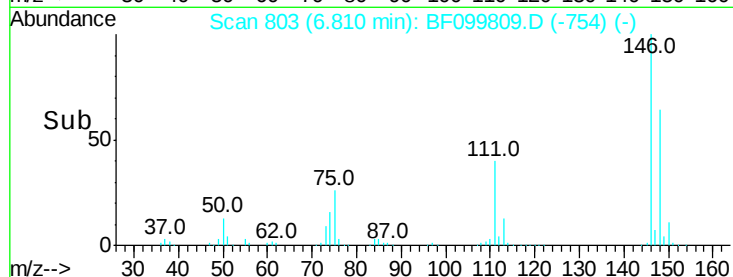
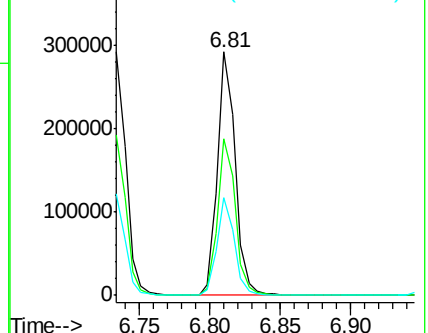
111 39.9 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.260 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

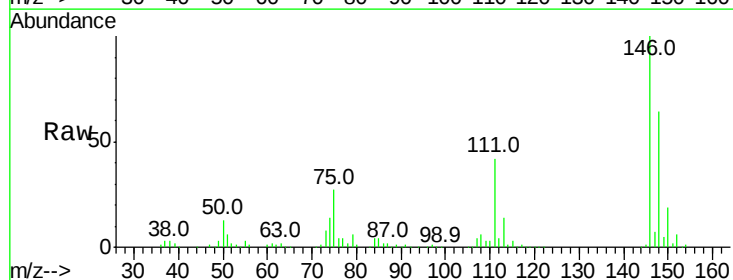
Tgt Ion:146 Resp: 239339

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

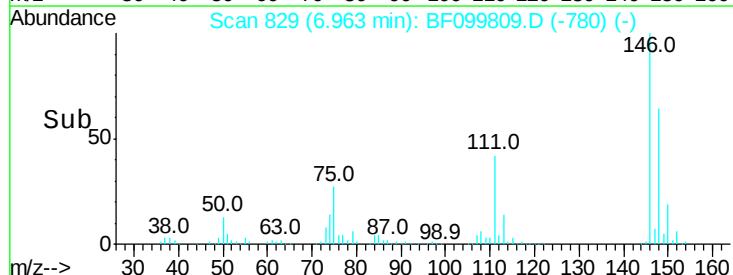
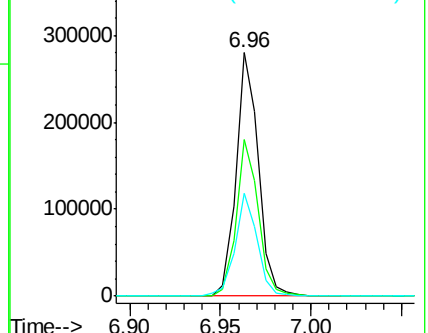
111 42.2 36.0 54.0

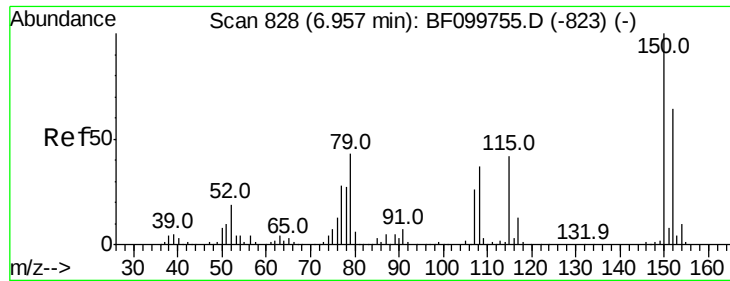


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

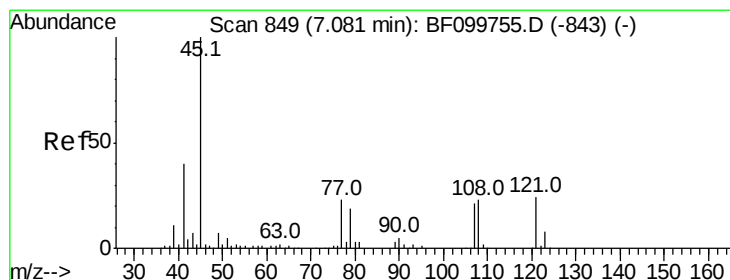
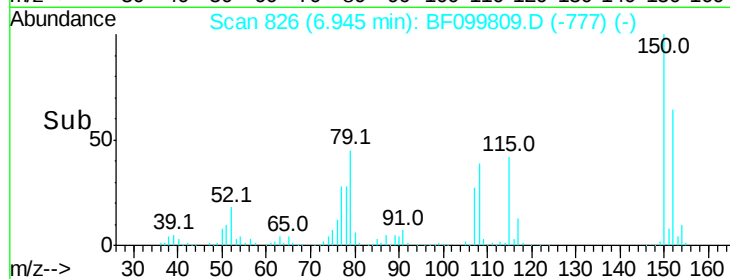
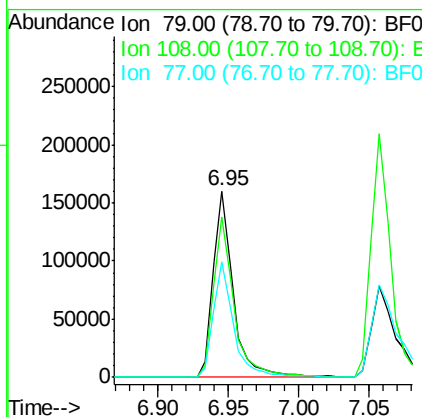
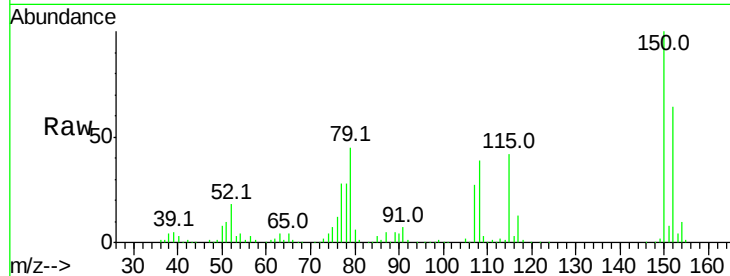




#15
Benzyl Alcohol
Concen: 40.565 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

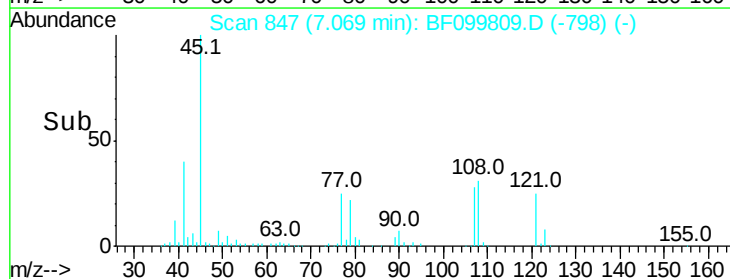
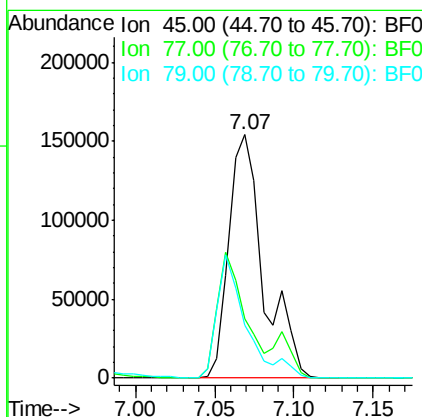
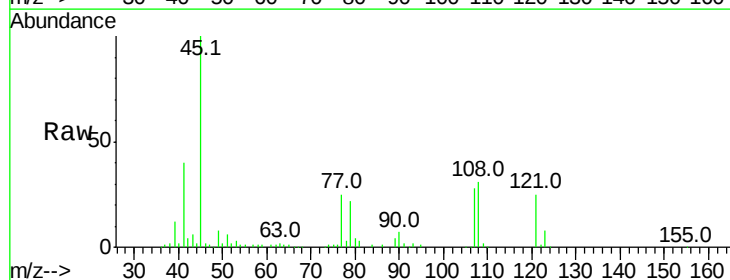
Instrument :
BNA_F
ClientSampleId :

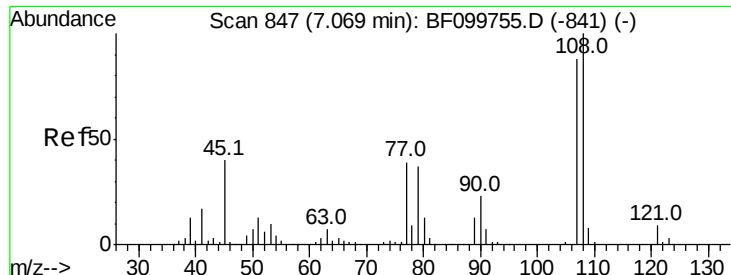
Tot Ion: 79 Resp: 160299
Ion Ratio Lower Upper
79 100
108 86.1 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.151 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion: 45 Resp: 234971
Ion Ratio Lower Upper
45 100
77 24.6 0.0 32.9
79 21.7 0.0 29.6

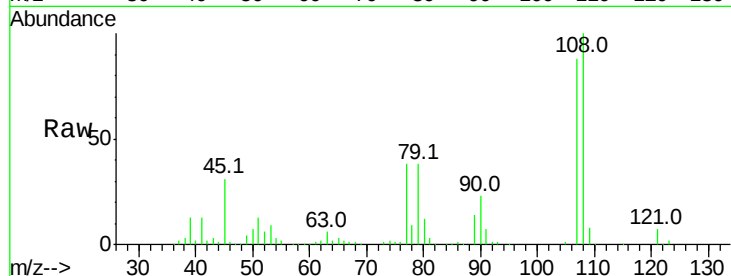




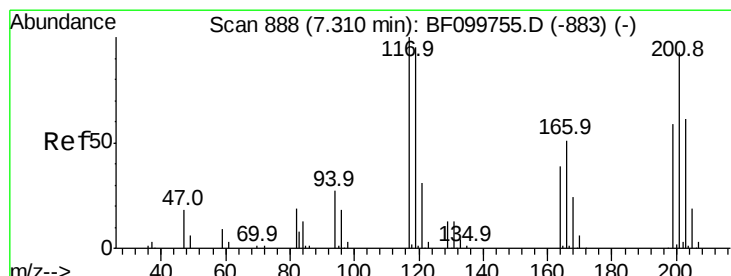
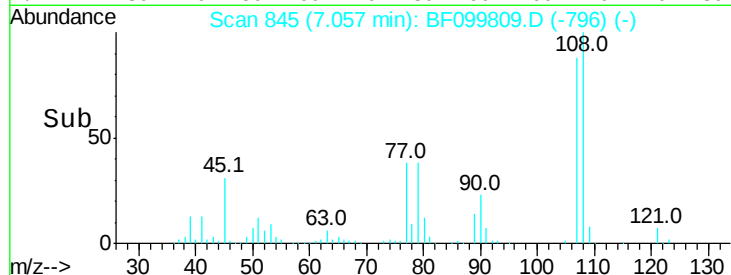
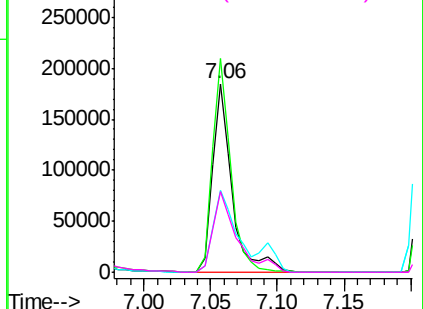
#17
2-Methylphenol
Concen: 40.759 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 190420
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 43.3 33.8 50.8
79 42.4 33.8 50.8

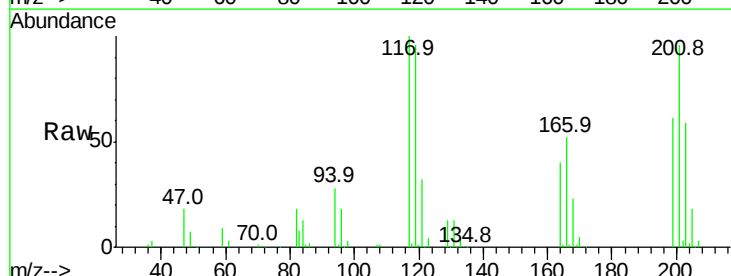


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

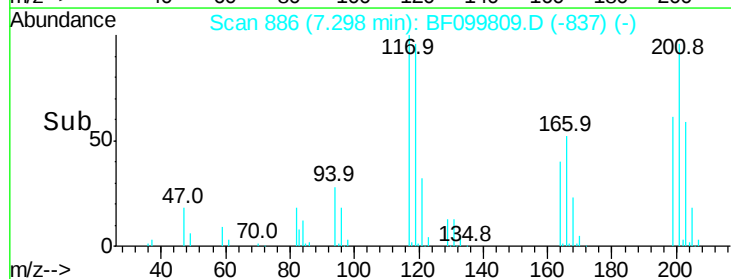
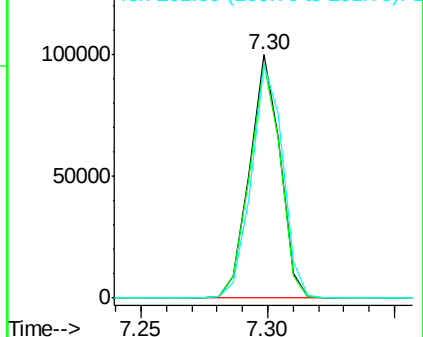


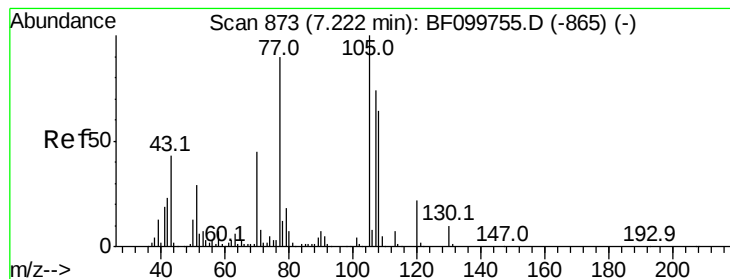
#18
Hexachloroethane
Concen: 39.498 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion:117 Resp: 83870
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 95.6 75.7 113.5



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: 39.953 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 145484

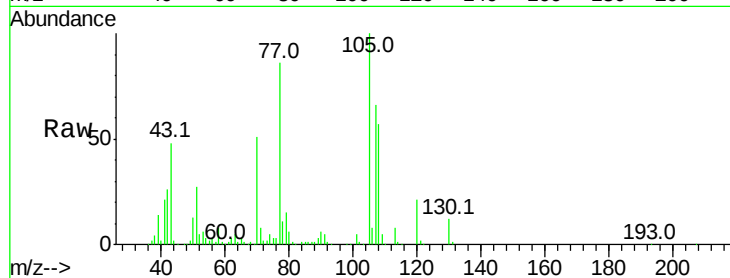
Ion Ratio Lower Upper

70 100

42 51.0 47.5 71.3

101 9.6 7.4 11.2

130 24.1 16.6 25.0

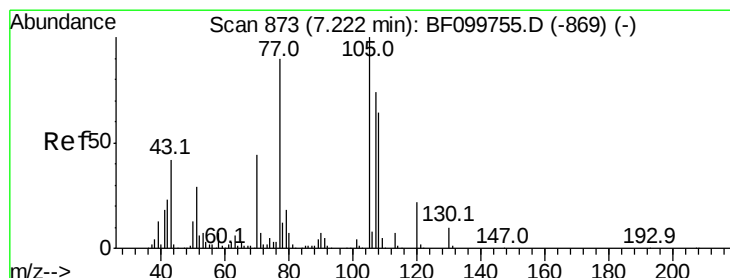
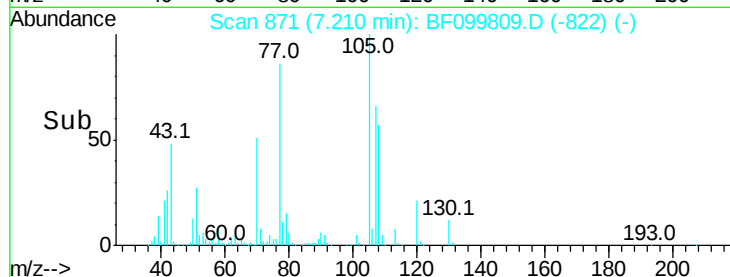
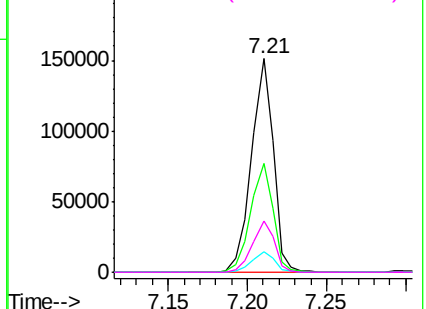


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.198 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Tgt Ion:107 Resp: 224111

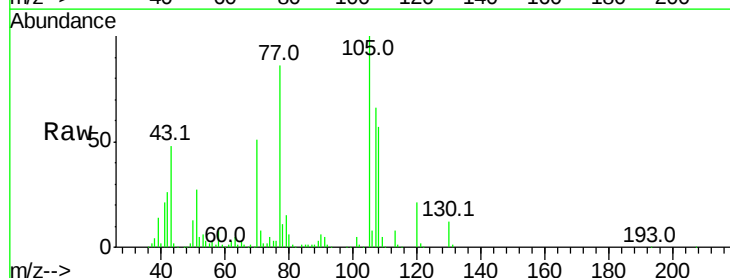
Ion Ratio Lower Upper

107 100

108 85.4 68.2 108.2

77 129.3 26.7 66.7#

79 22.5 6.3 46.3

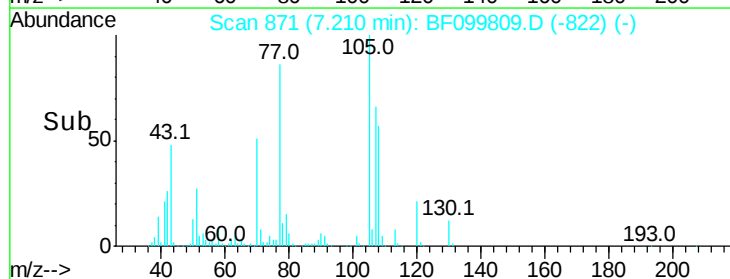
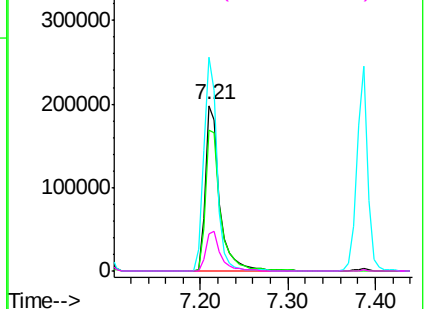


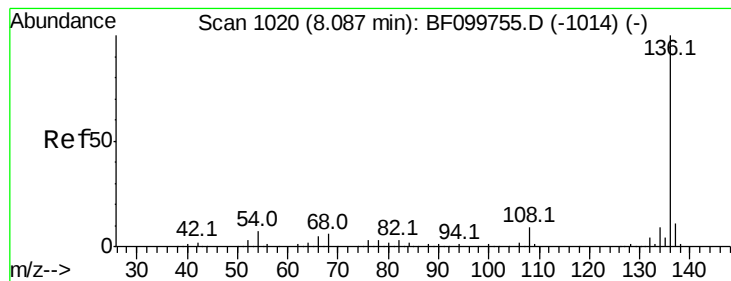
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

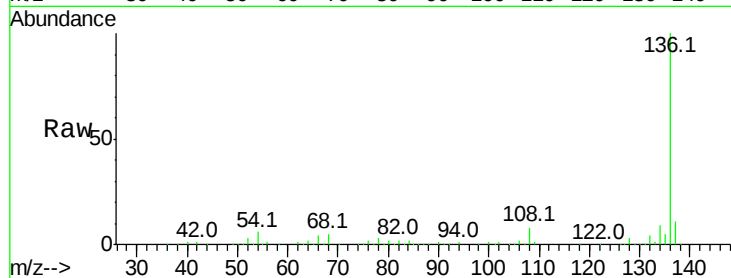
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 343755

Ion Ratio Lower Upper

136	100		
137	10.5	8.9	13.3
54	5.8	6.6	9.8#
68	5.0	5.0	7.4

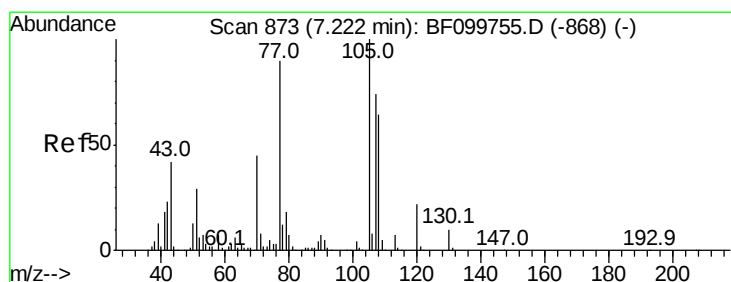
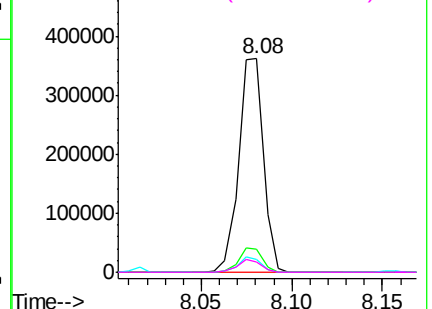
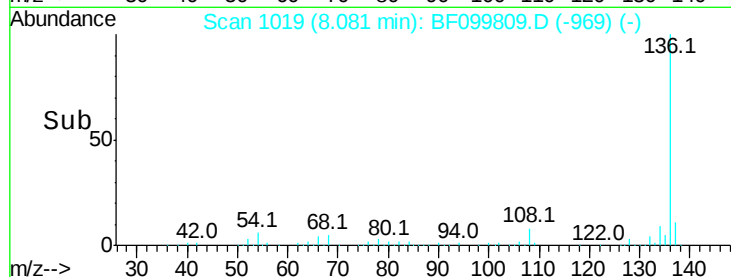


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.083 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

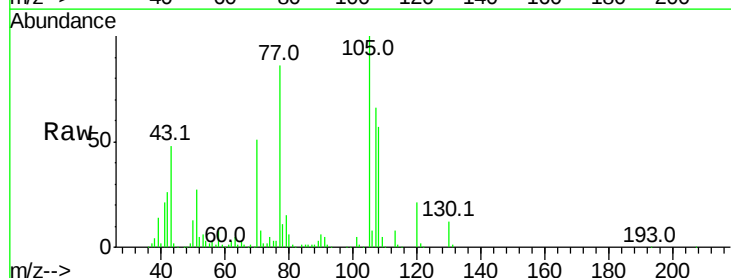
Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Tgt Ion:105 Resp: 305899

Ion Ratio Lower Upper

105	100		
71	8.5	4.4	6.6#
51	27.4	22.3	33.5
120	21.4	16.9	25.3

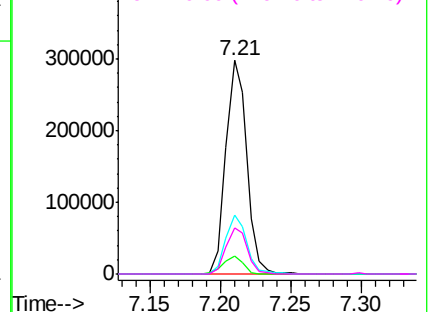
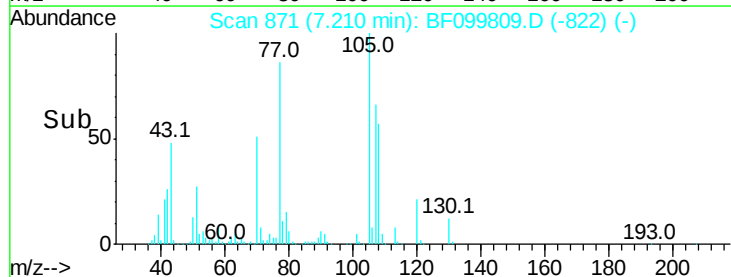


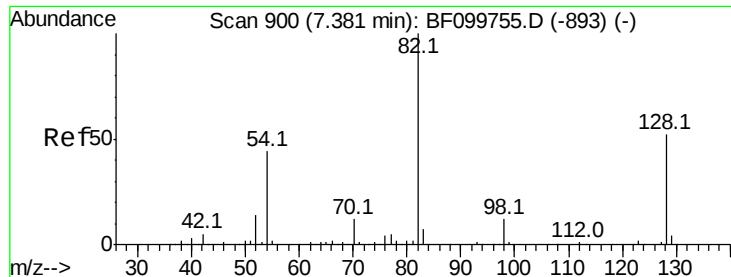
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

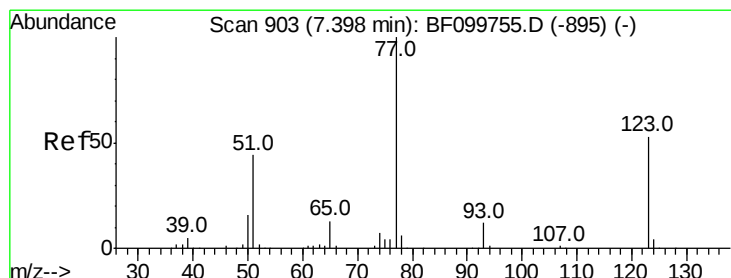
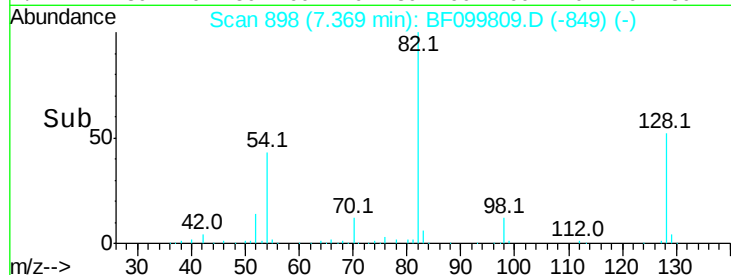
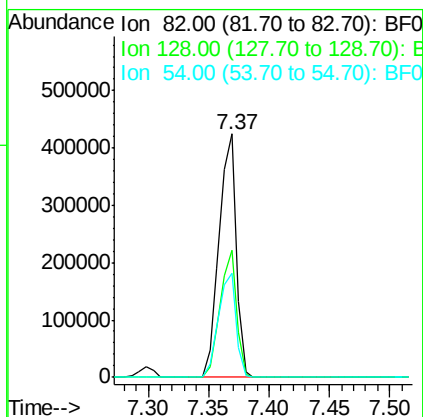
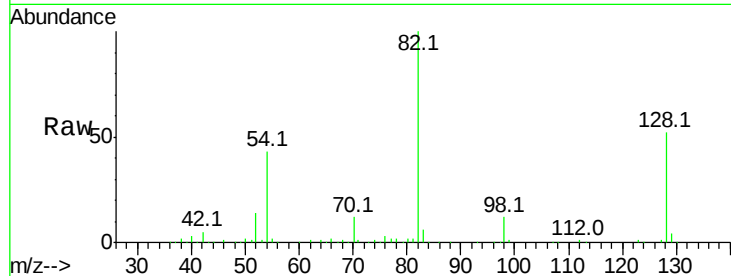




#23
 Nitrobenzene-d5
 Concen: 77.522 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

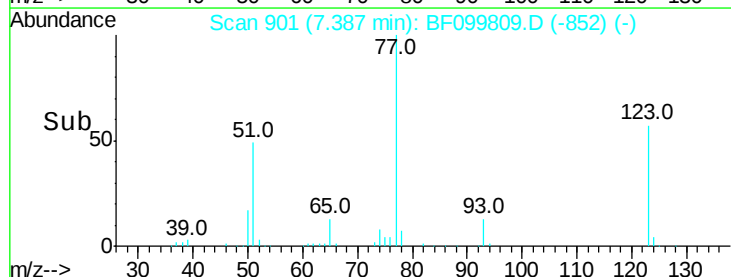
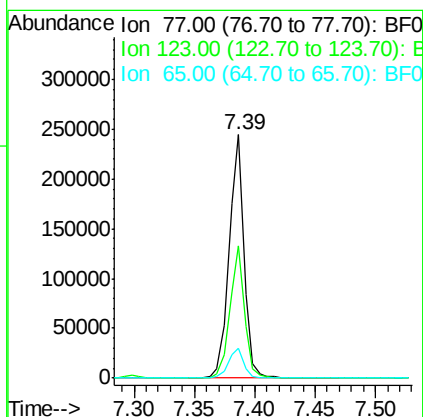
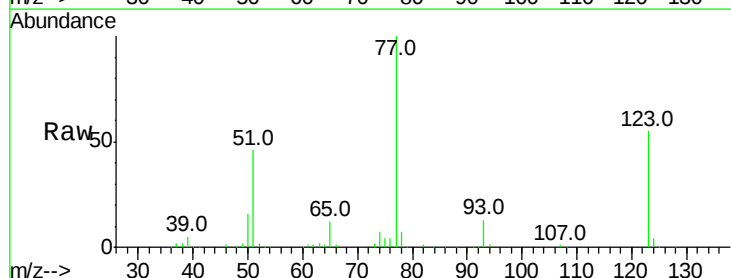
Instrument :
 BNA_F
 ClientSampled :

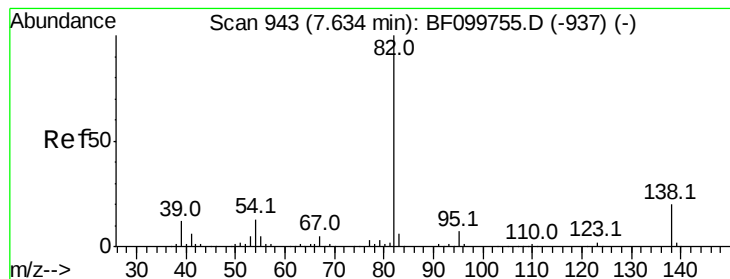
Tot Ion: 82 Resp: 413925
 Ion Ratio Lower Upper
 82 100
 128 52.1 36.1 54.1
 54 42.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.053 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Tgt Ion: 77 Resp: 210101
 Ion Ratio Lower Upper
 77 100
 123 54.5 37.9 56.9
 65 12.0 11.0 16.4





#25

Isophorone

Concen: 38.810 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

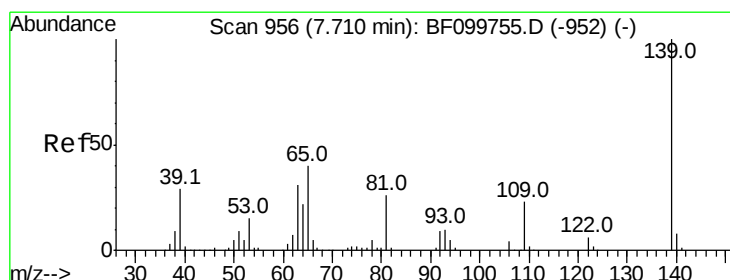
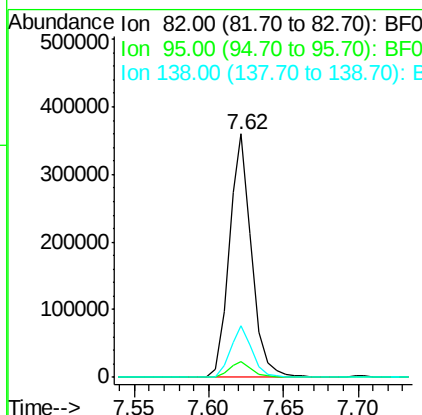
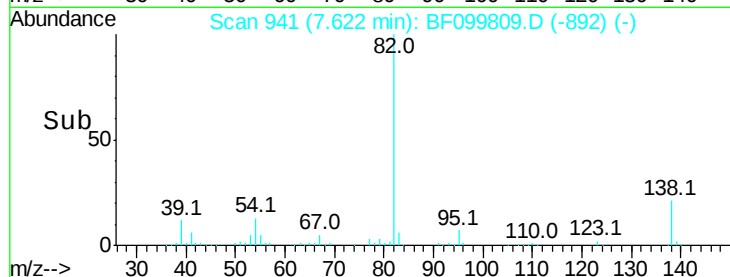
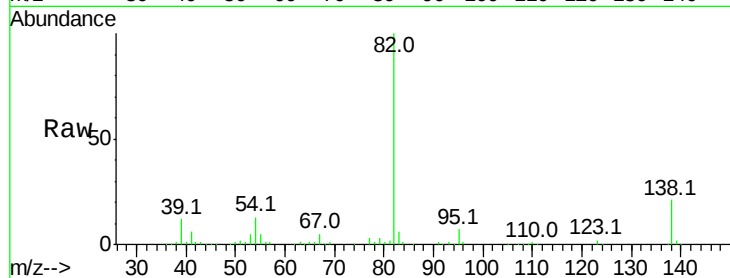
Tot Ion: 82 Resp: 376019

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 21.0 14.9 22.3



#26

2-Nitrophenol

Concen: 40.683 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

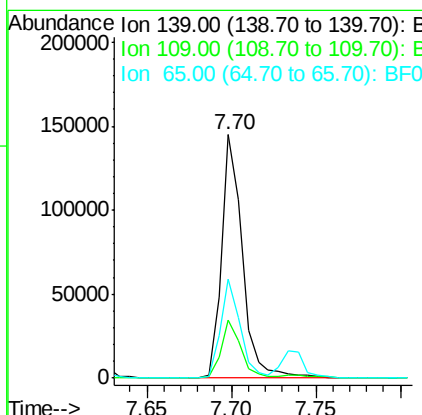
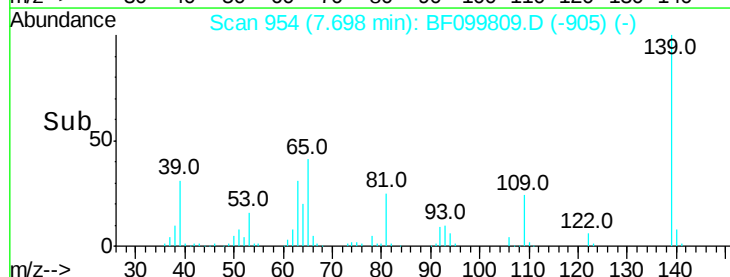
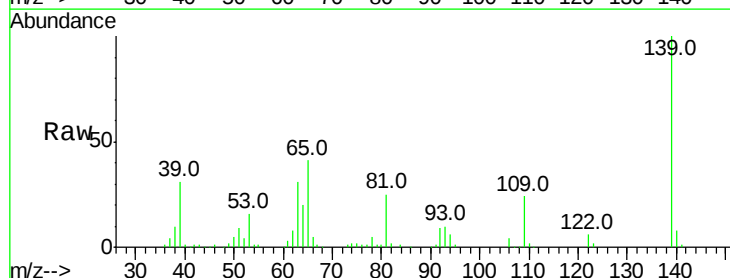
Tgt Ion: 139 Resp: 125360

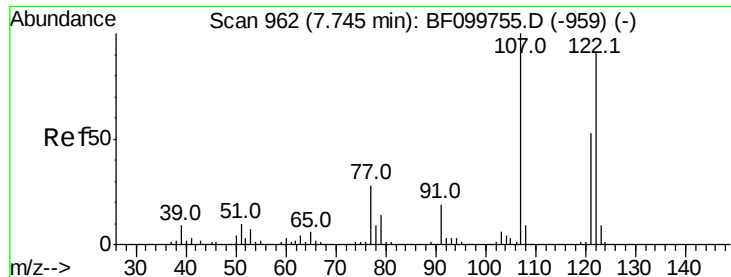
Ion Ratio Lower Upper

139 100

109 23.6 22.7 34.1

65 40.5 40.5 60.7

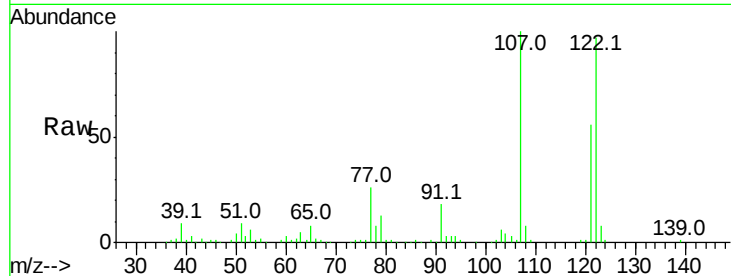




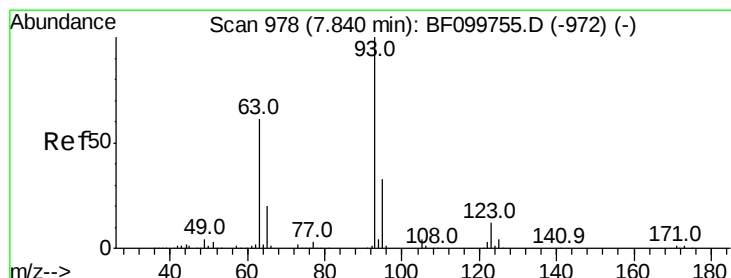
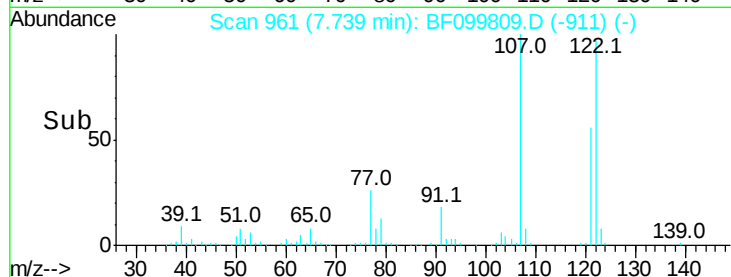
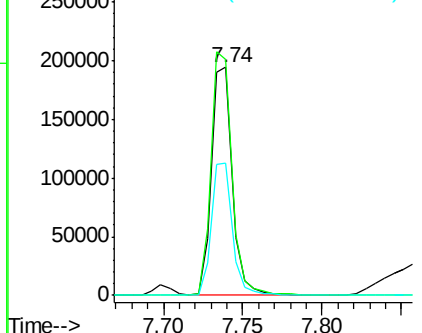
#27
2,4-Dimethylphenol
Concen: 39.699 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 180241
Ion Ratio Lower Upper
122 100
107 103.3 91.2 136.8
121 57.9 47.2 70.8

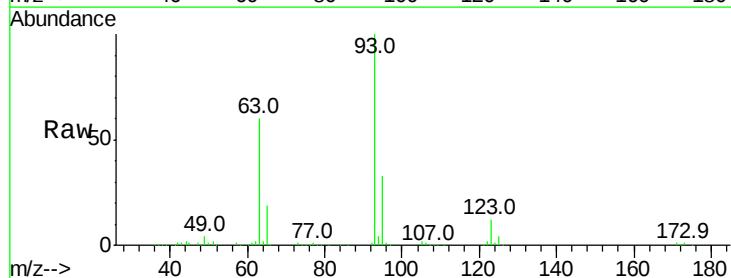


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

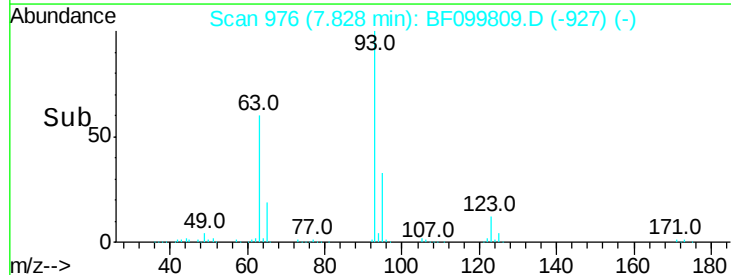
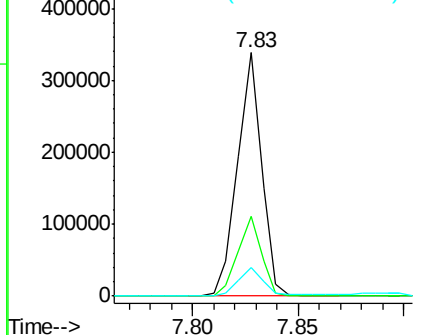


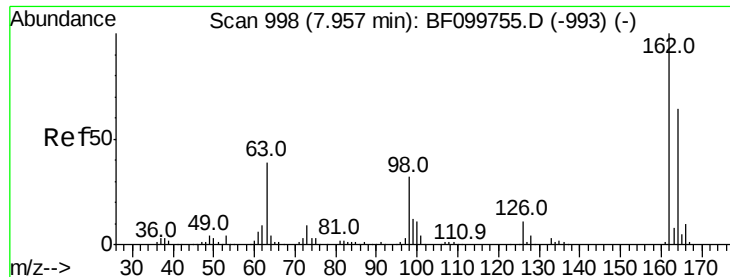
#28
bis(2-Chloroethoxy)methane
Concen: 39.433 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion: 93 Resp: 267574
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 11.6 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

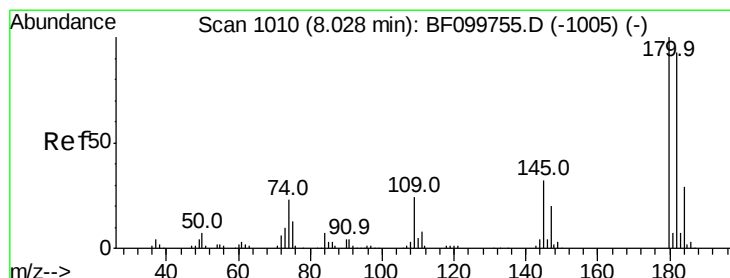
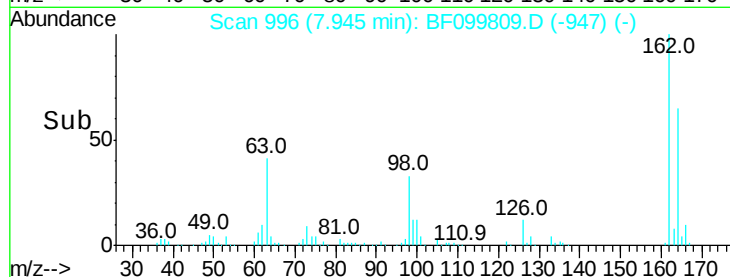
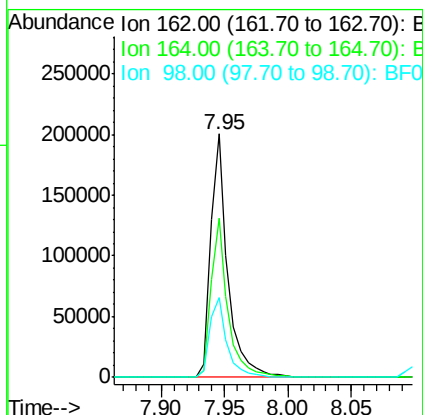
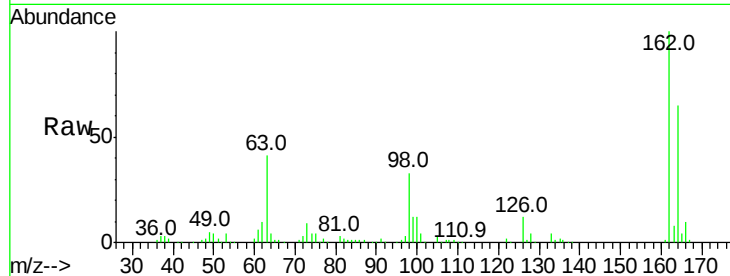




#29
 2,4-Dichlorophenol
 Concen: 40.205 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

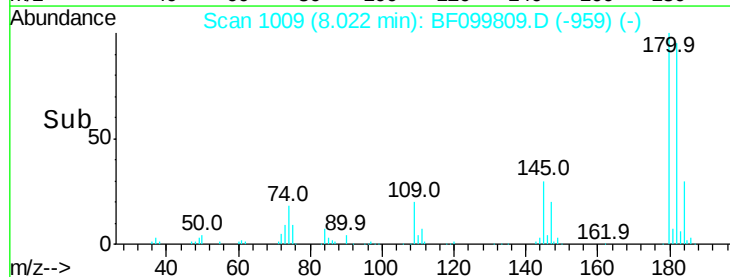
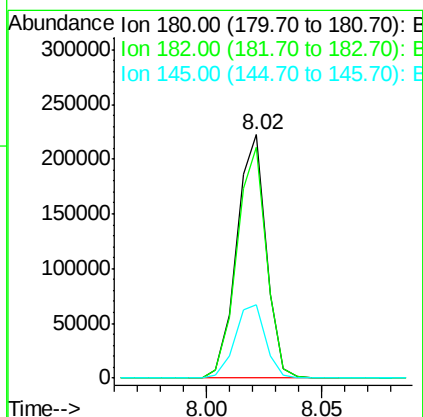
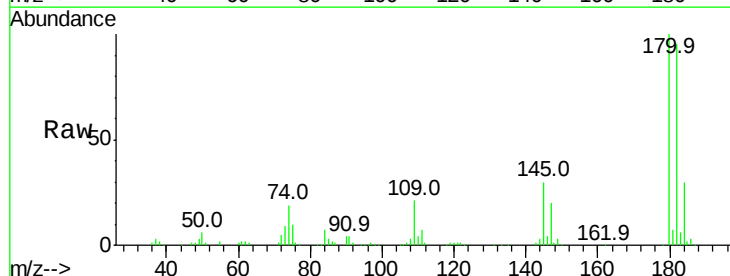
Instrument :
 BNA_F
 ClientSampled :

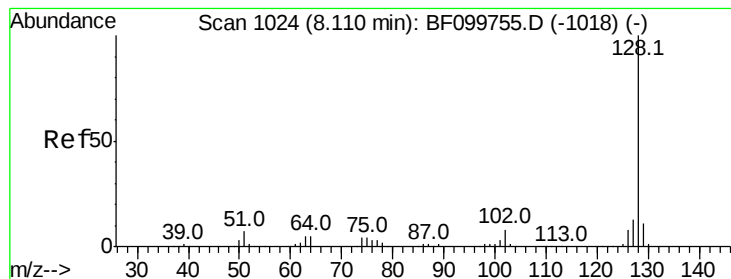
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.7	82.7
98	32.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.267 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	30.3	26.5	39.7





#31

Naphthalene

Concen: 39.793 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

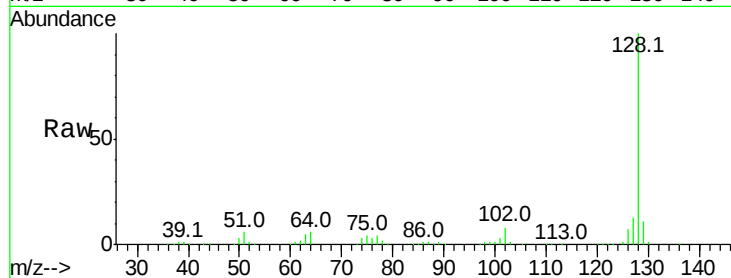
Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 660293

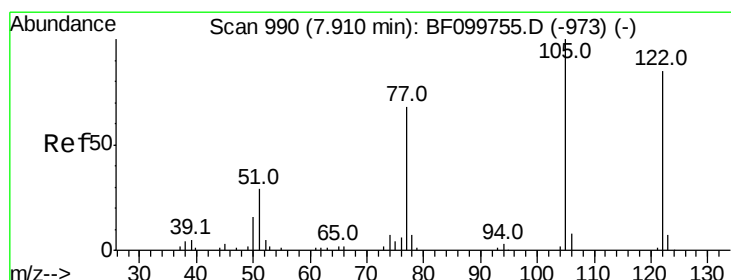
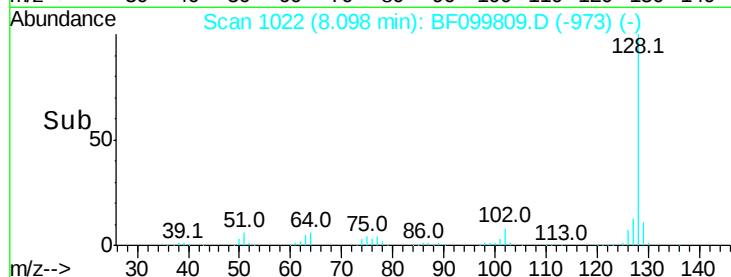
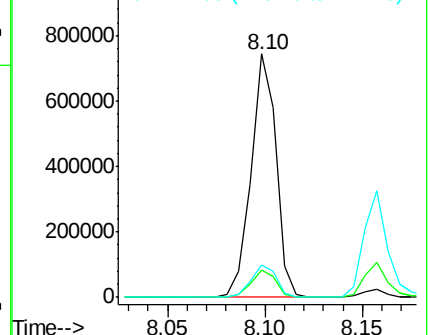
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.4	10.9	16.3



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: 40.764 ng

RT: 7.89 min Scan# 987

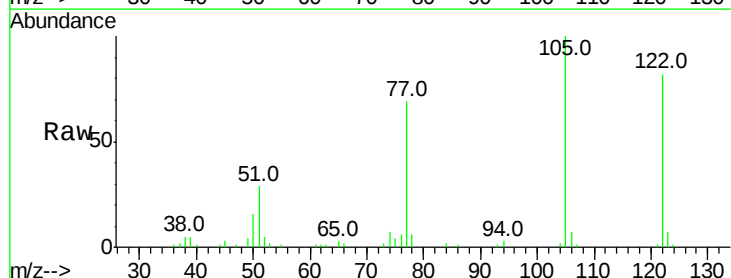
Delta R.T. -0.02 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Tgt Ion:122 Resp: 162903

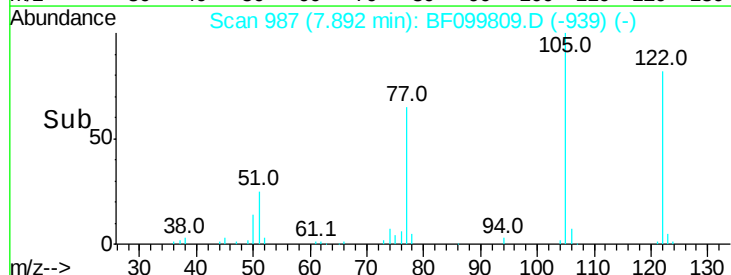
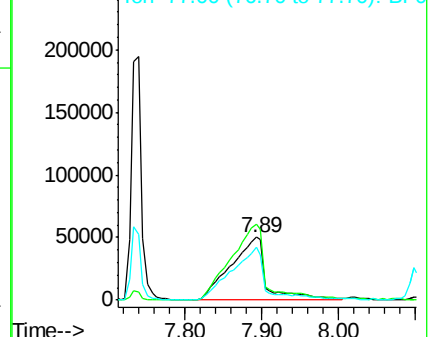
Ion	Ratio	Lower	Upper
122	100		
105	121.3	101.1	141.1
77	84.2	70.7	110.7

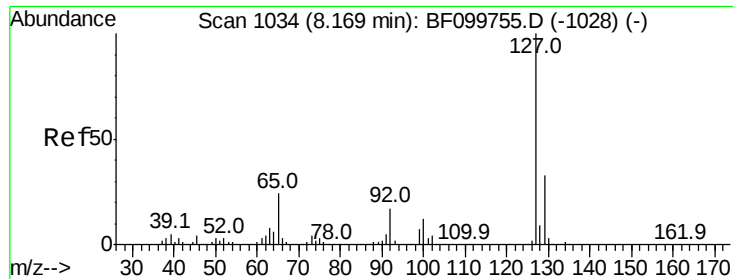


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

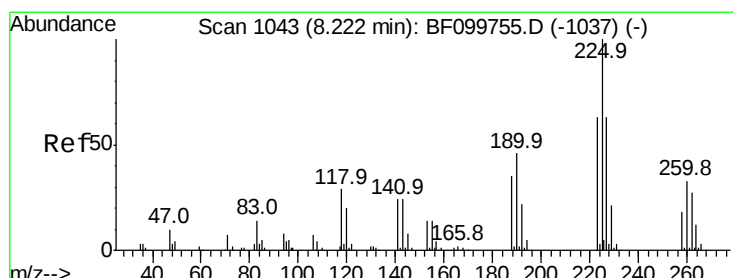
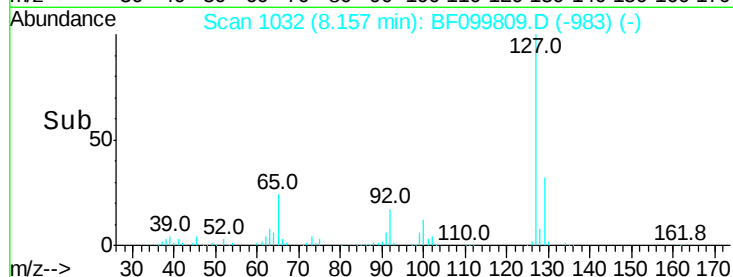
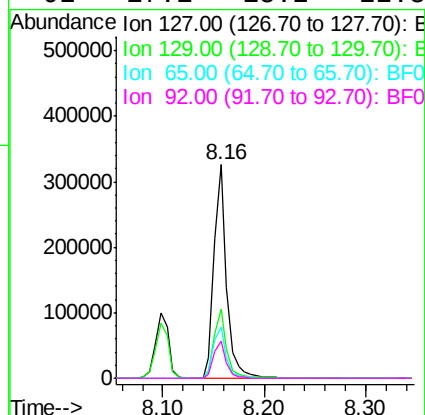
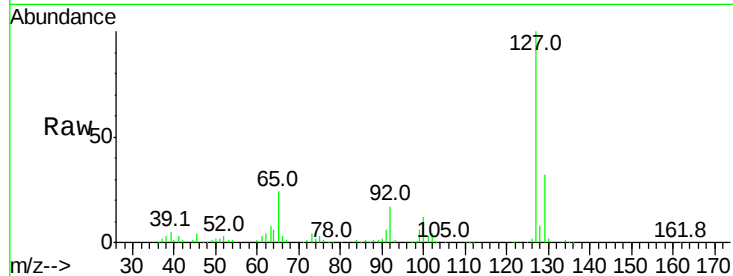




#33
4-Chloroaniline
Concen: 41.011 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

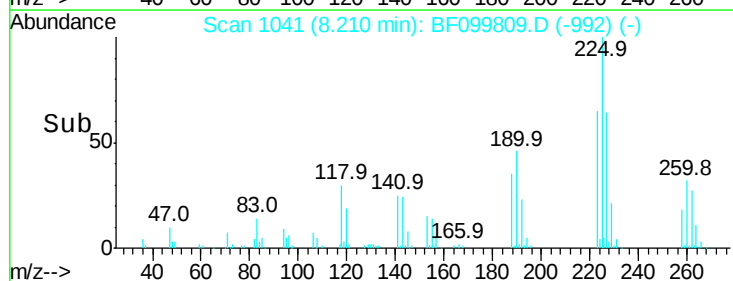
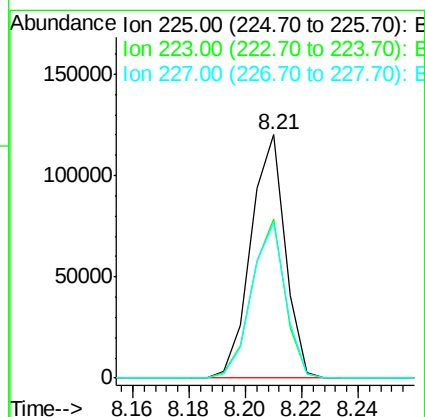
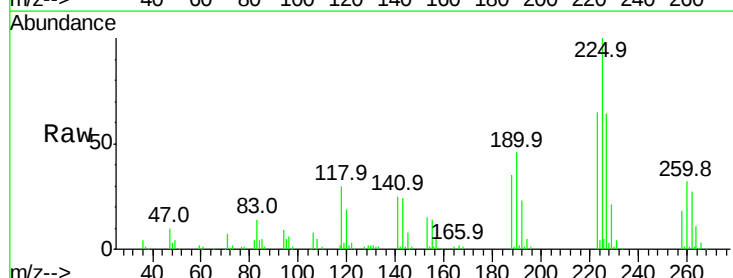
Instrument :
BNA_F
ClientSampled :

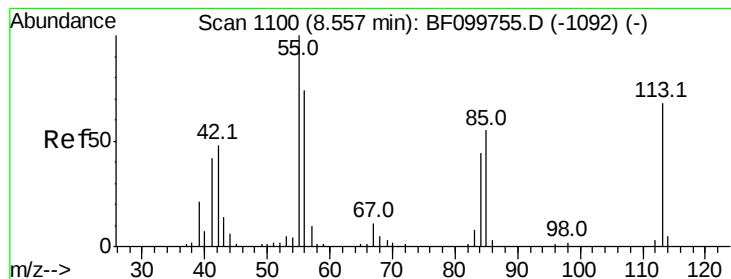
Tot Ion:	127	Resp:	281004
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	24.2	25.0	37.4
92	17.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.132 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion:	225	Resp:	101432
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.6	76.0
227	63.6	51.9	77.9





#35

Caprolactam

Concen: 40.489 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

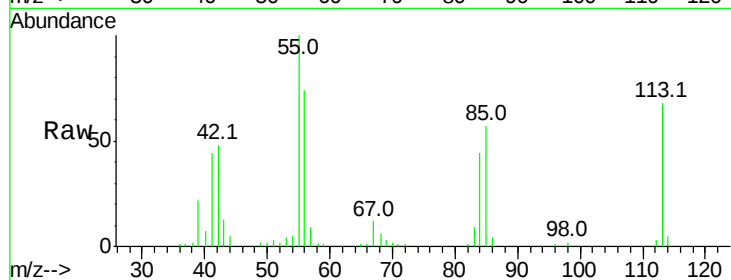
Tot Ion:113 Resp: 60053

Ion Ratio Lower Upper

113 100

55 146.2 163.3 203.3#

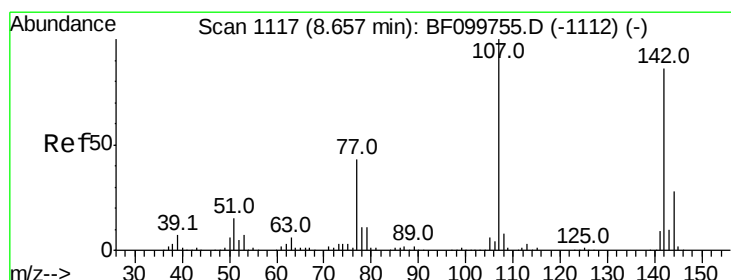
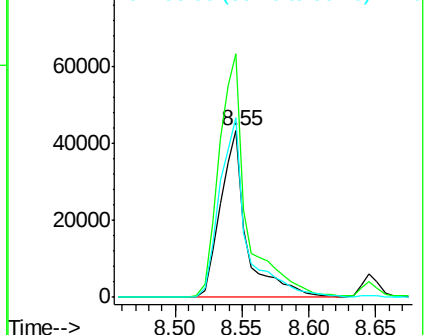
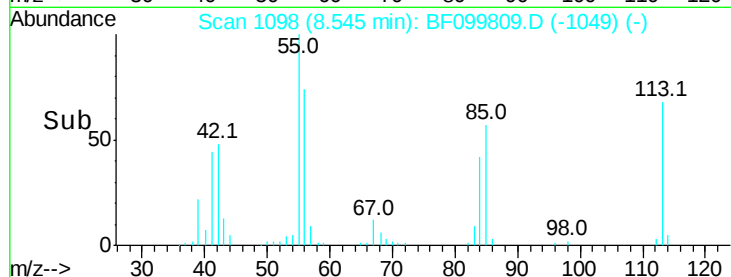
56 107.5 115.7 155.7#



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: 39.181 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

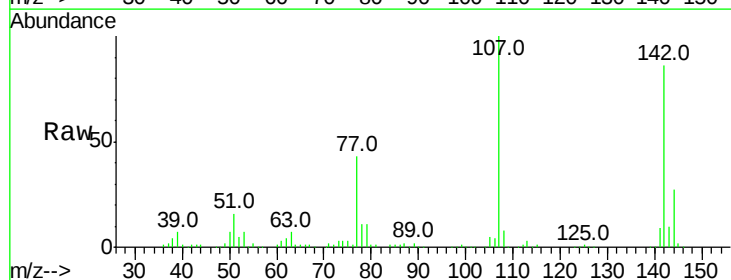
Tgt Ion:107 Resp: 188616

Ion Ratio Lower Upper

107 100

144 27.3 20.5 30.7

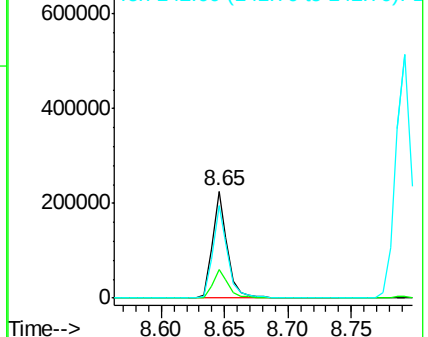
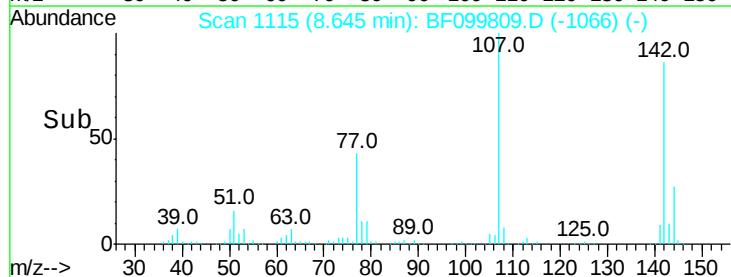
142 86.0 62.0 93.0

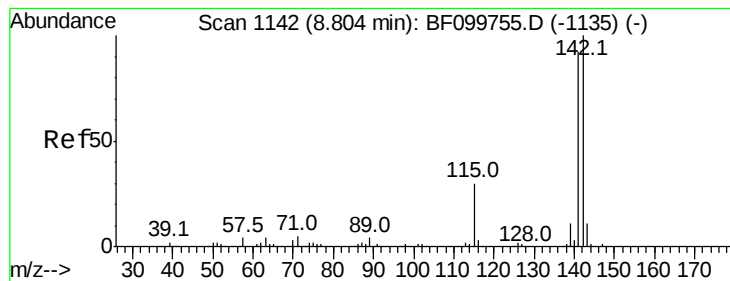


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.050 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

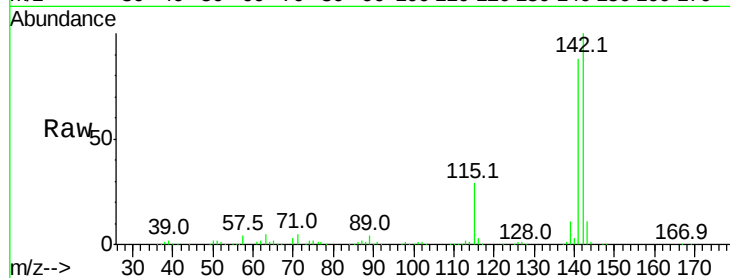
Tot Ion:142 Resp: 445358

Ion Ratio Lower Upper

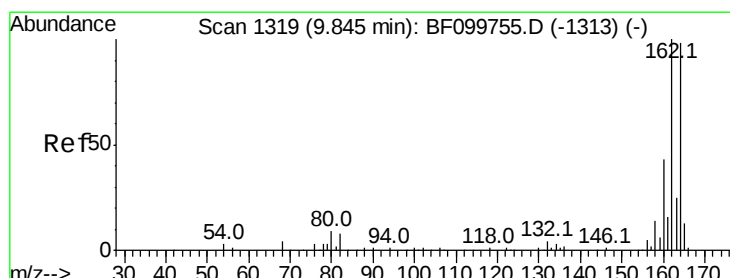
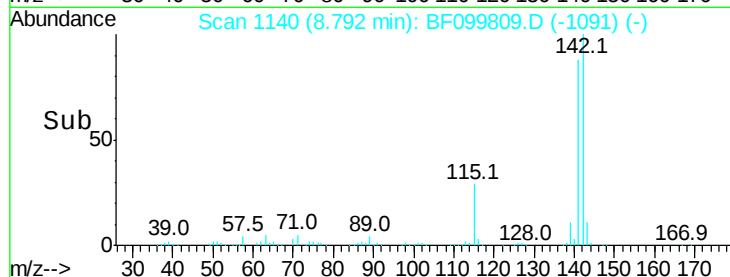
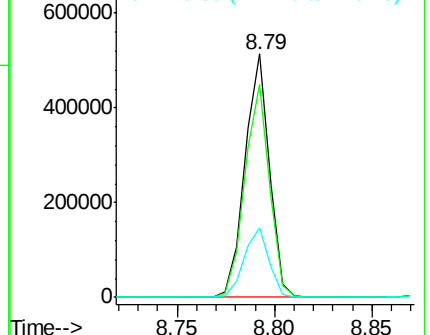
142 100

141 87.6 70.8 106.2

115 28.7 26.1 39.1



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: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

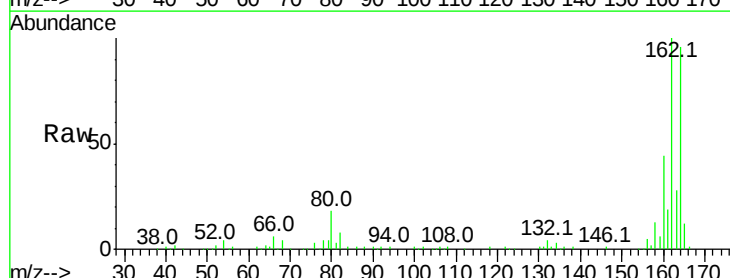
Tgt Ion:164 Resp: 161134

Ion Ratio Lower Upper

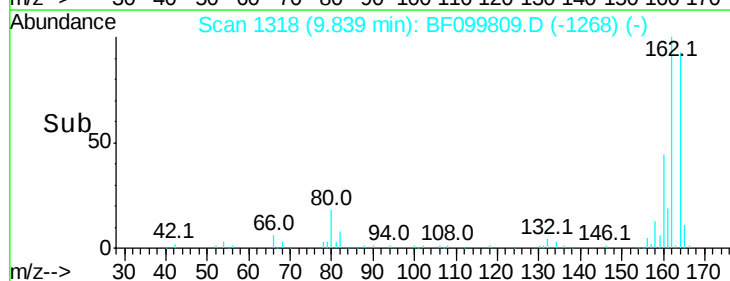
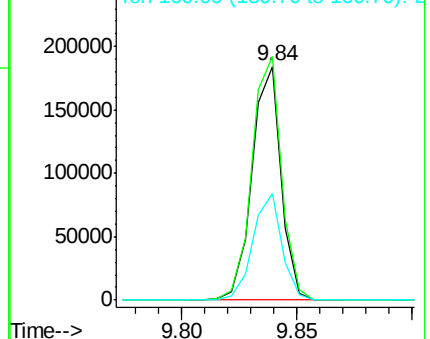
164 100

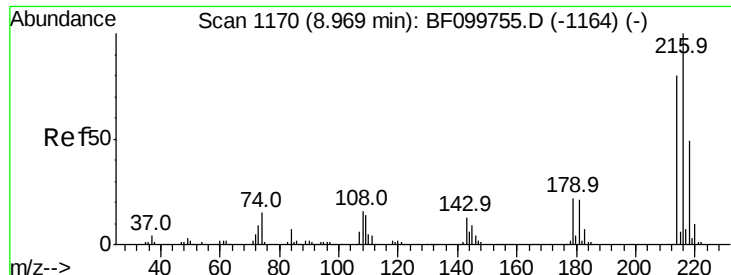
162 104.3 86.1 129.1

160 45.6 38.3 57.5



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: 39.307 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 204562

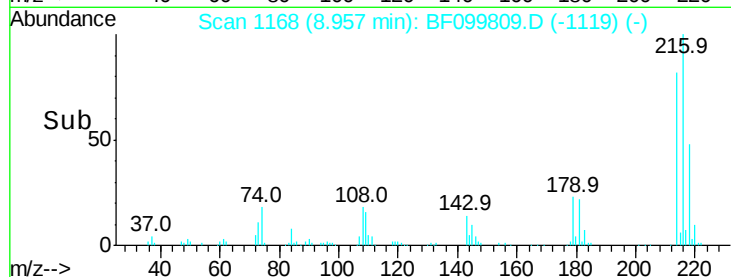
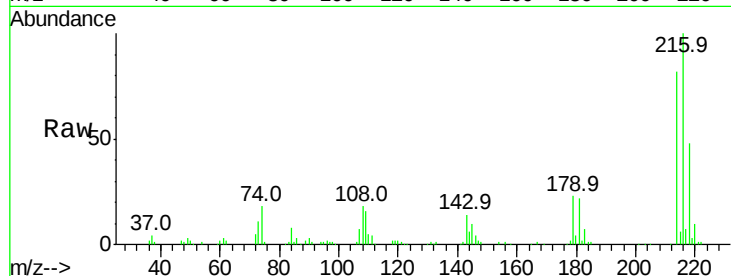
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 22.0 18.1 27.1

108 17.0 17.2 25.8#

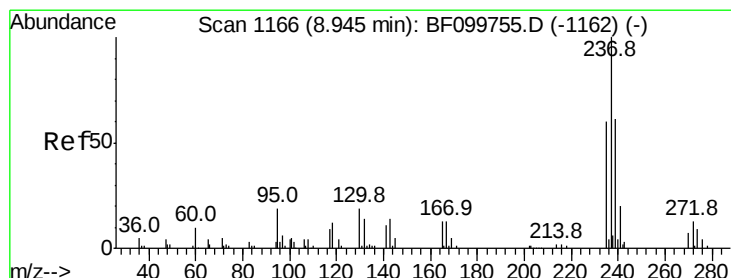
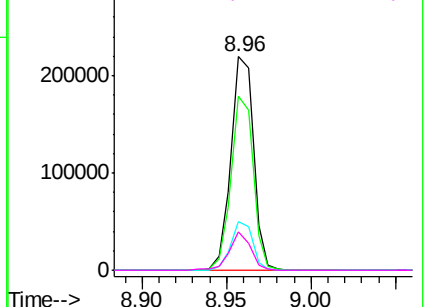


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.471 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

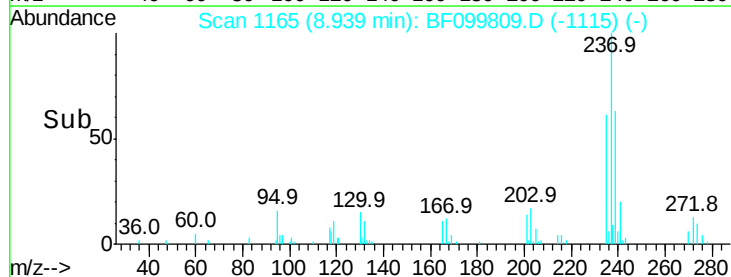
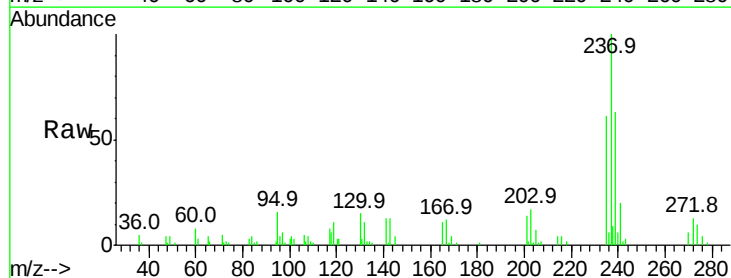
Tgt Ion:237 Resp: 29834

Ion Ratio Lower Upper

237 100

235 60.9 44.8 84.8

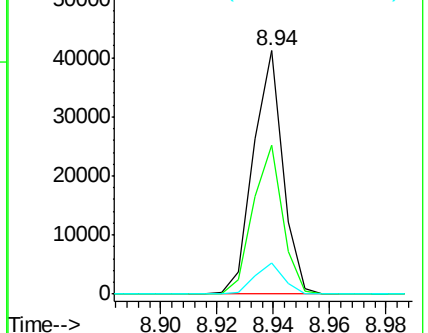
272 12.8 0.0 33.3

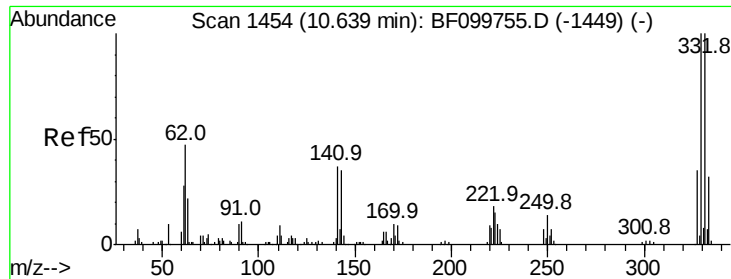


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

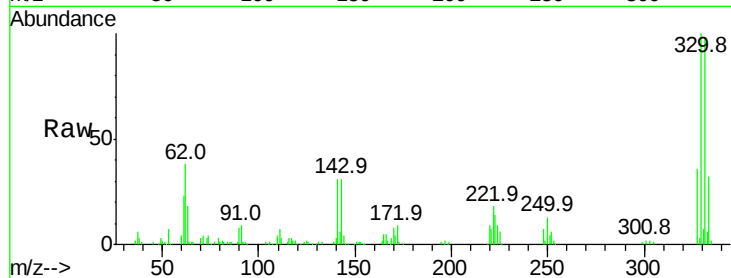




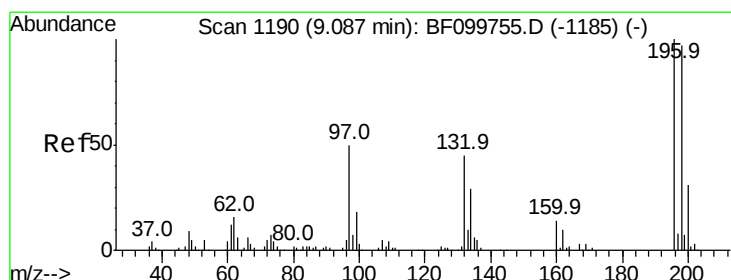
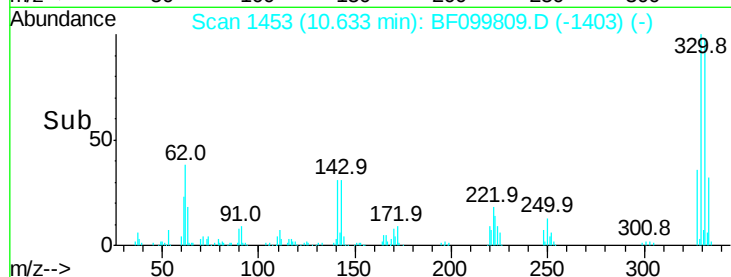
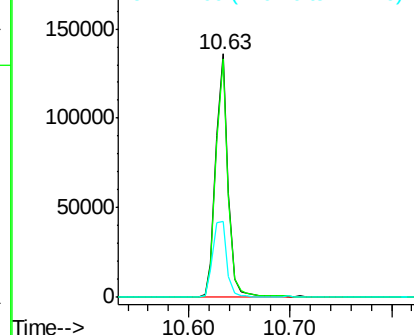
#41
 2,4,6-Tribromophenol
 Concen: 79.610 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.7	29.9	44.9

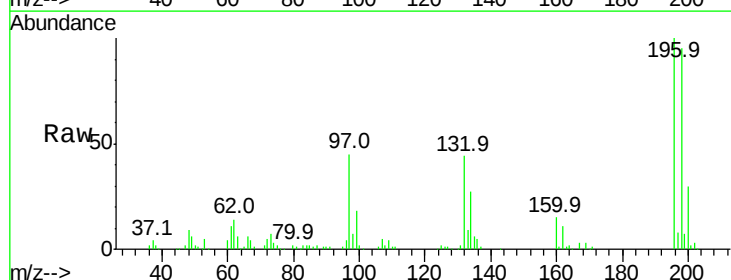


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

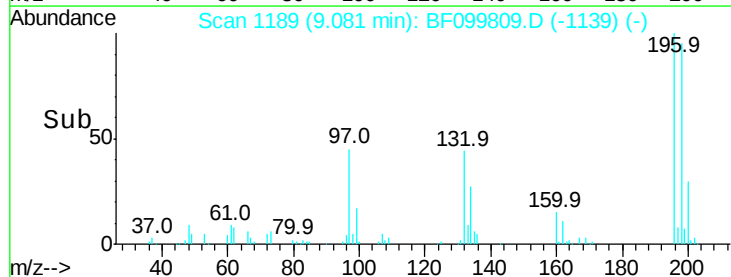
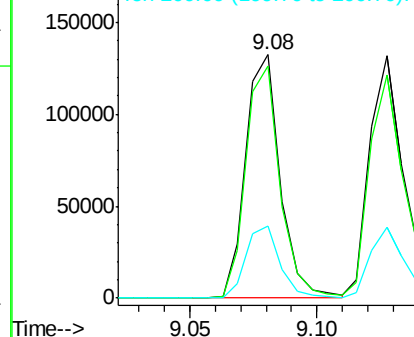


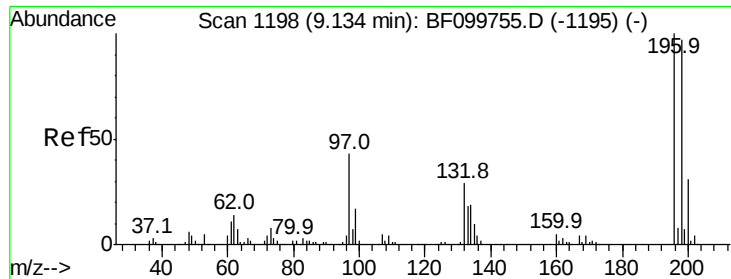
#42
 2,4,6-Trichlorophenol
 Concen: 39.844 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	29.8	24.5	36.7



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

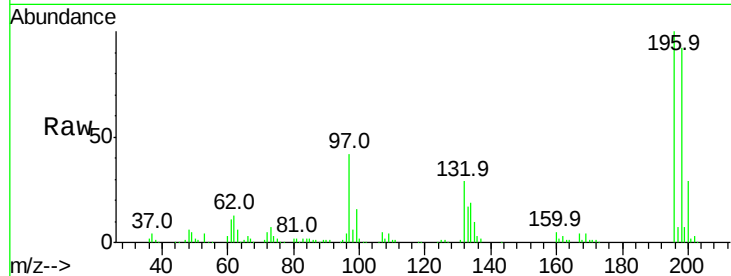




#43
 2,4,5-Trichlorophenol
 Concen: 40.233 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	74.6	112.0
97	42.1	42.9	64.3
132	28.6	26.3	39.5



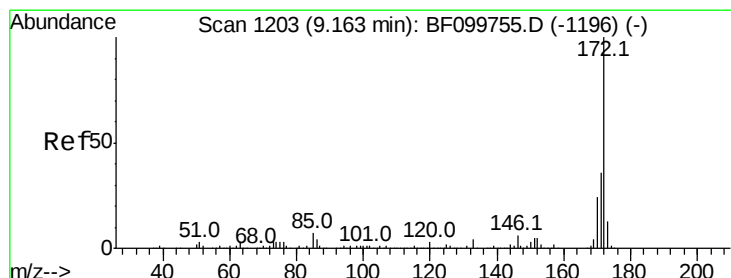
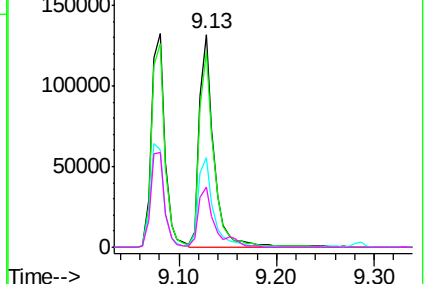
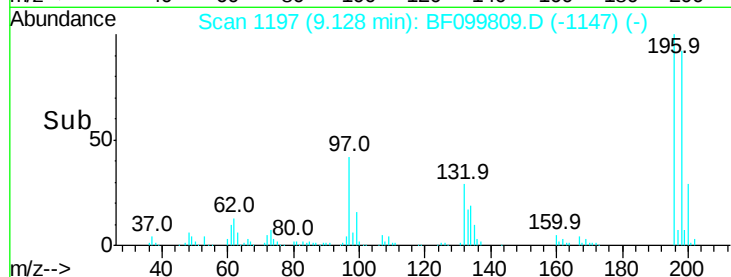
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

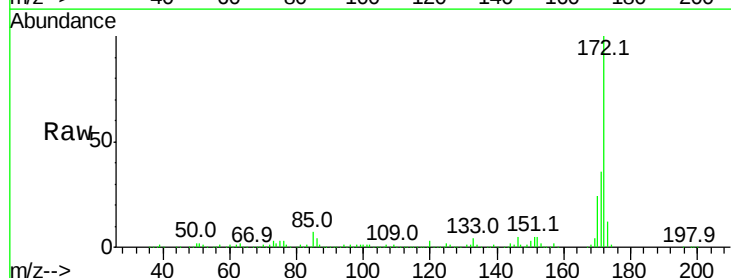
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.577 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4

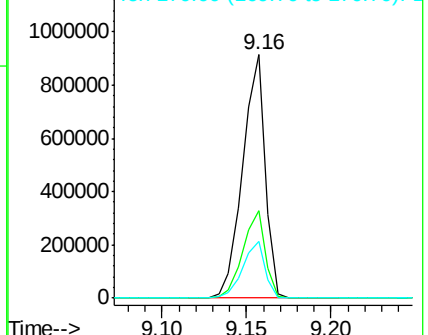
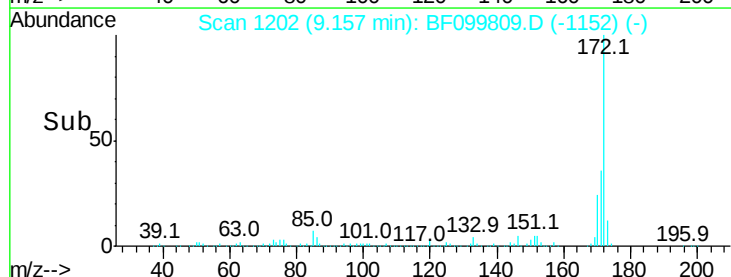


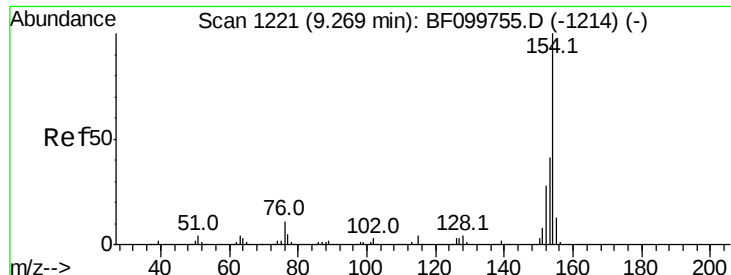
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

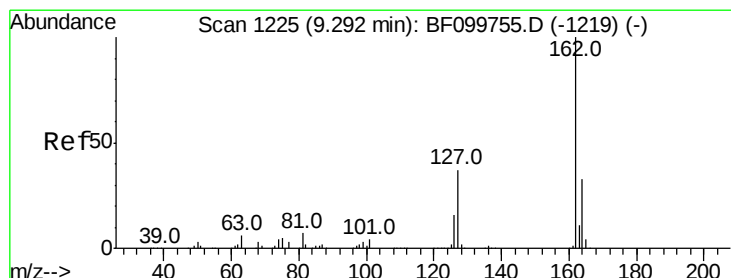
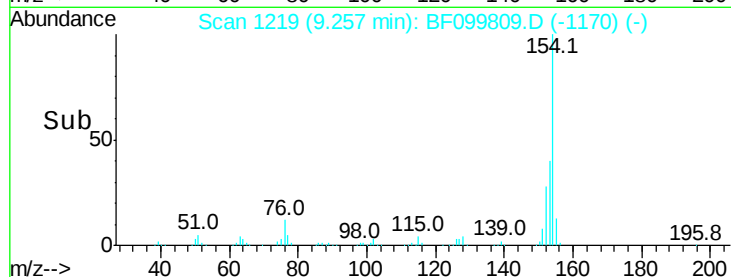
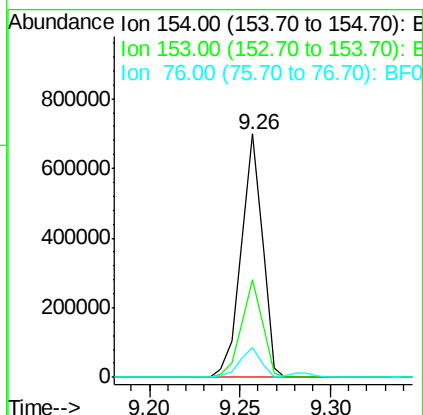
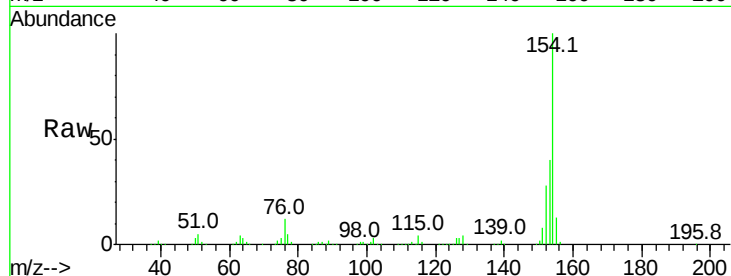




#45
 1,1'-Biphenyl
 Concen: 39.158 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

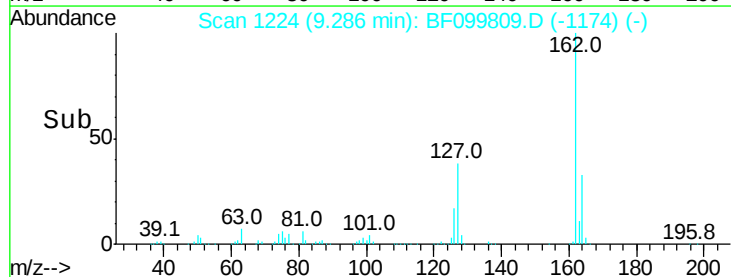
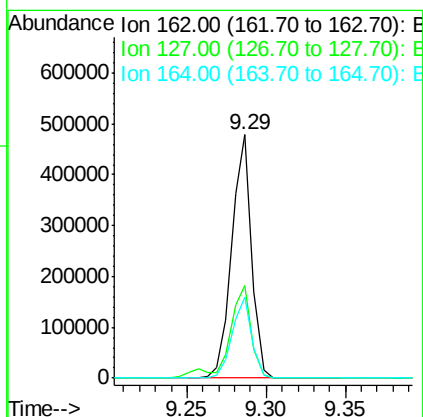
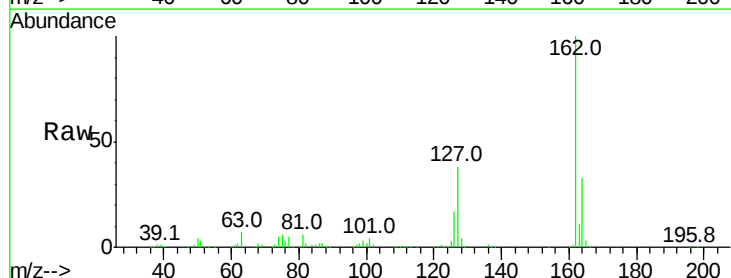
Instrument :
 BNA_F
 ClientSampleId :

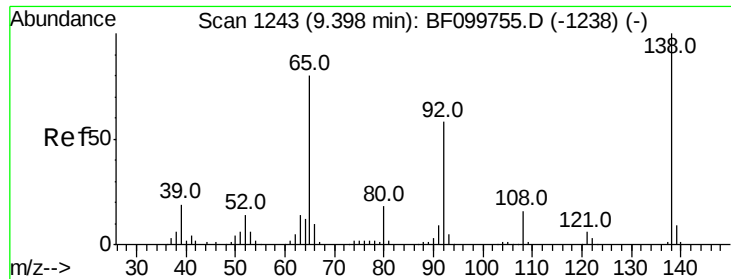
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	12.4	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.012 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	33.9	50.9
164	33.1	26.5	39.7

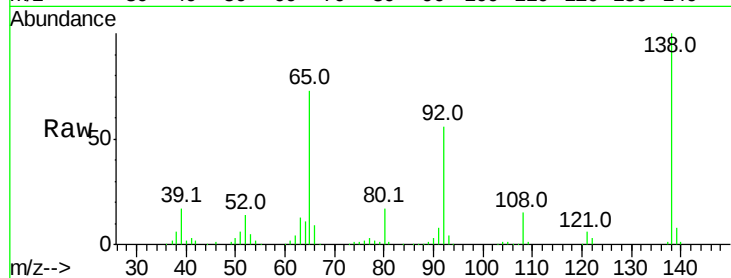




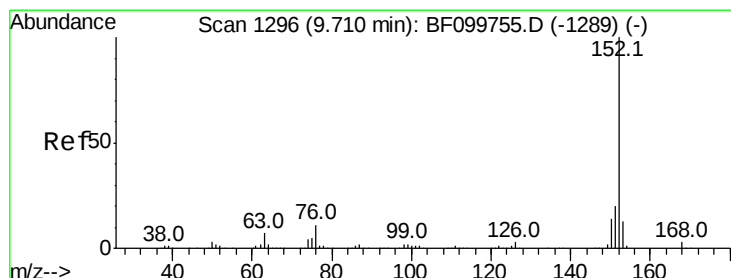
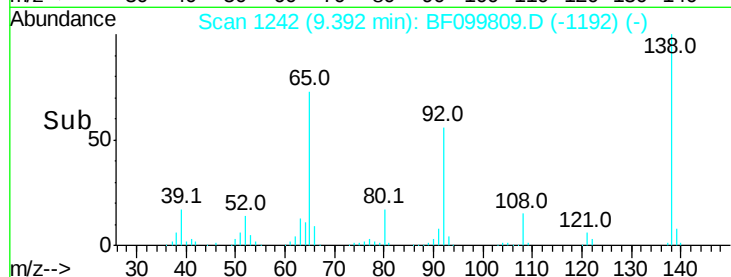
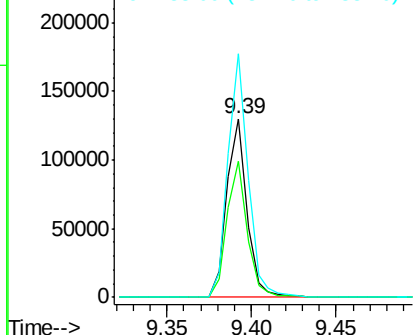
#47
2-Nitroaniline
Concen: 39.408 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 109492
Ion Ratio Lower Upper
65 100
92 75.8 55.8 83.6
138 136.2 91.2 136.8

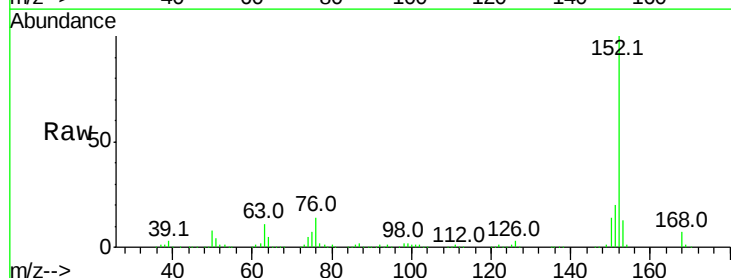


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

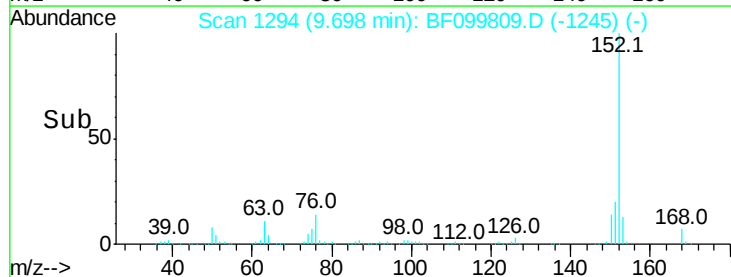
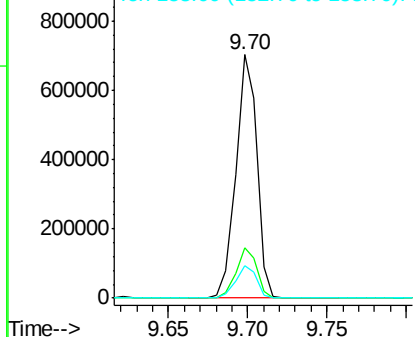


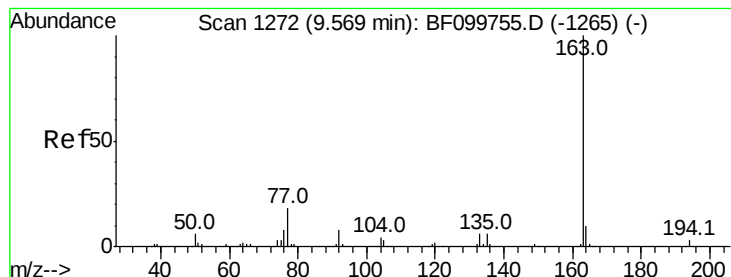
#48
Acenaphthylene
Concen: 39.544 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion:152 Resp: 644757
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.4 10.7 16.1



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: 38.397 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

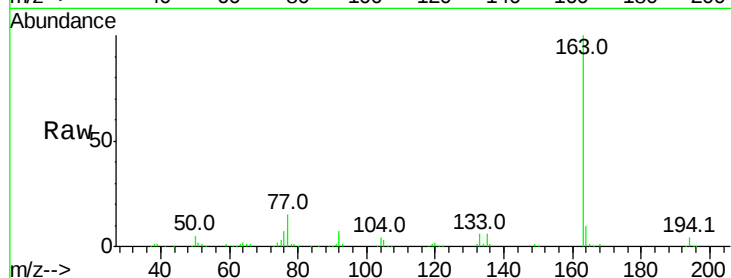
Tot Ion:163 Resp: 489969

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

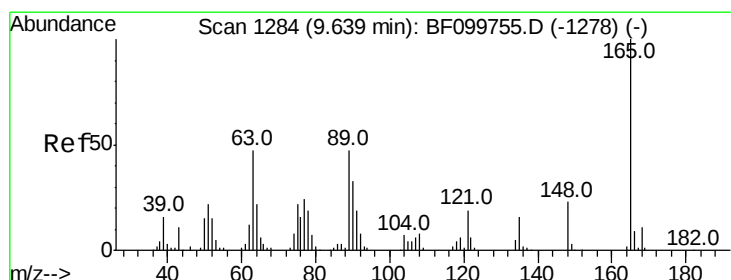
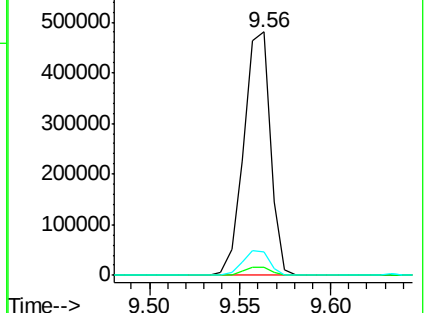
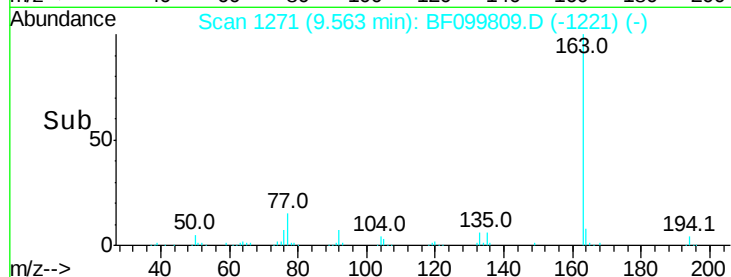
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.209 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

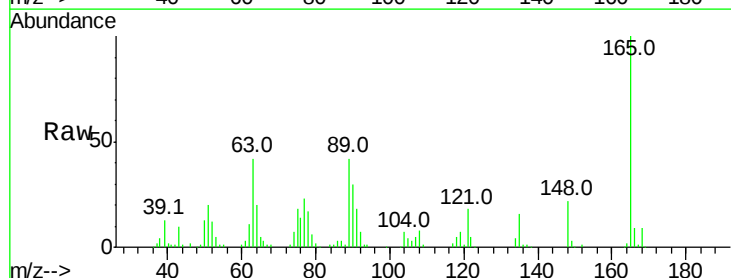
Tgt Ion:165 Resp: 105179

Ion Ratio Lower Upper

165 100

63 42.0 44.7 67.1#

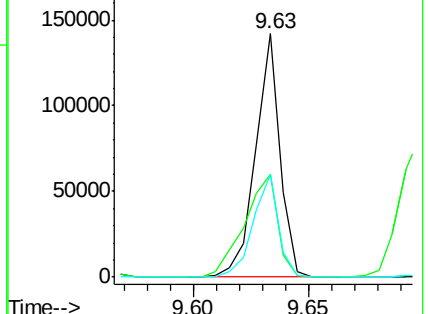
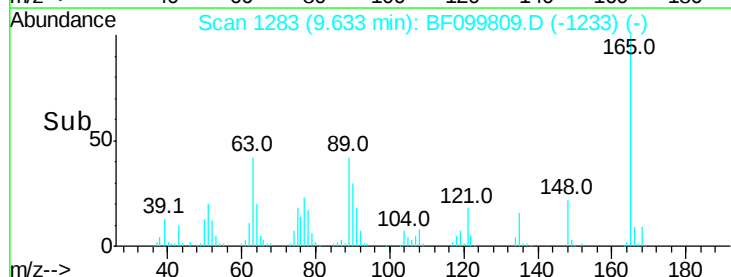
89 42.3 44.0 66.0#

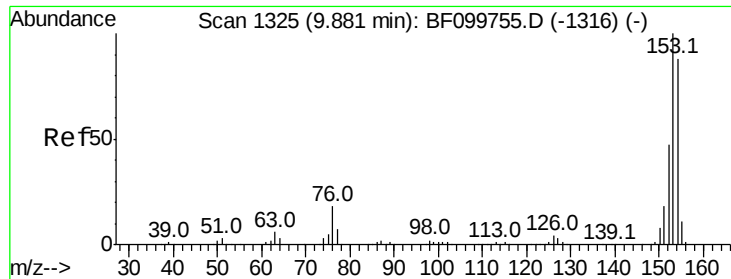


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

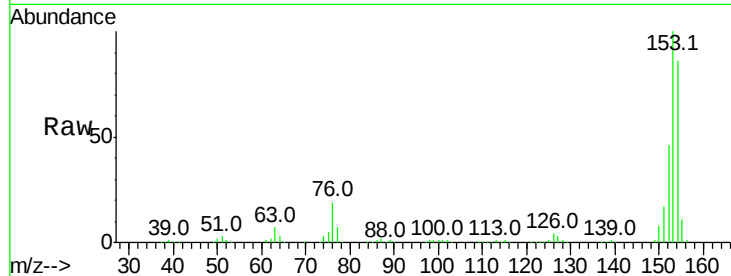




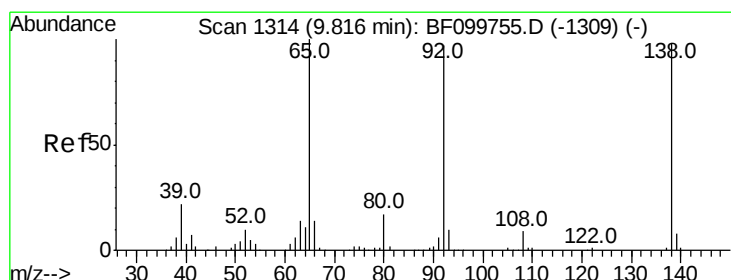
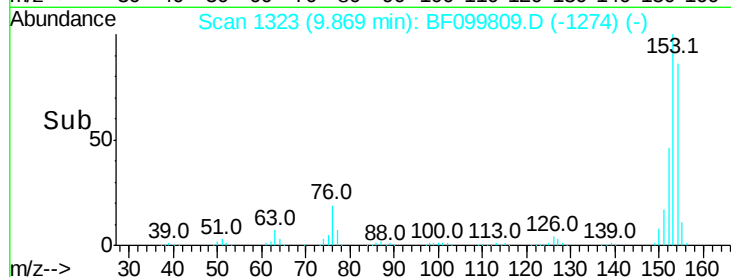
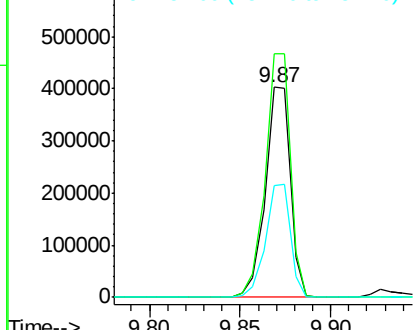
#51
Acenaphthene
Concen: 38.987 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 388421
Ion Ratio Lower Upper
154 100
153 116.1 91.2 136.8
152 53.6 43.8 65.8

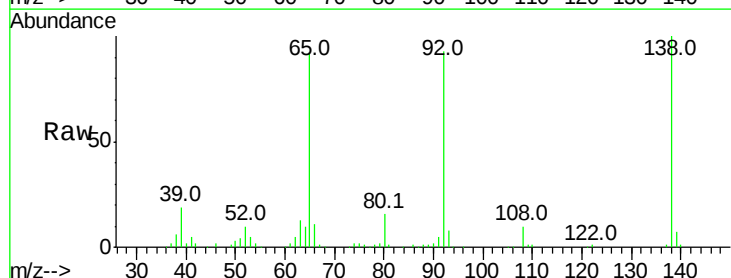


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

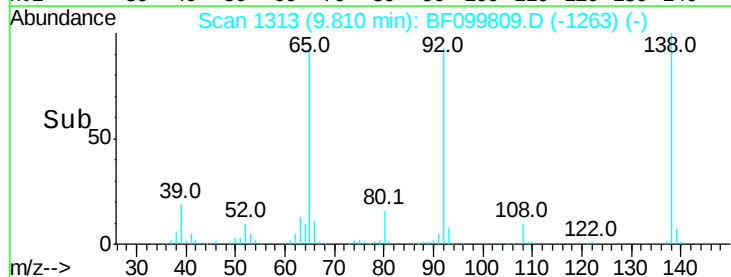
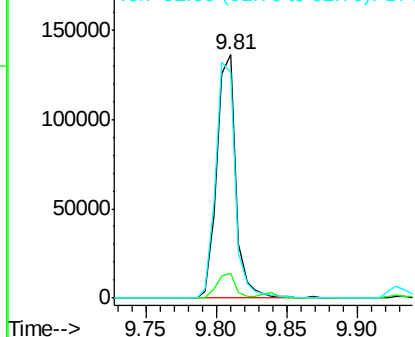


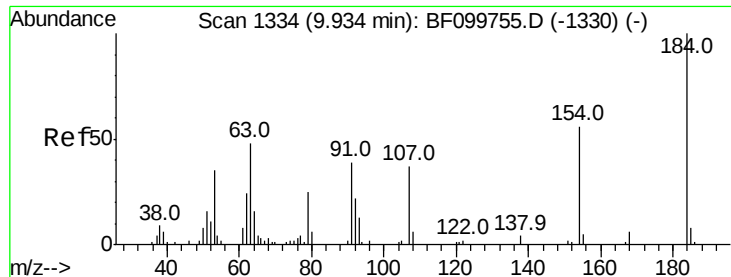
#52
3-Nitroaniline
Concen: 40.524 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion:138 Resp: 128090
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 92.7 89.4 134.2



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

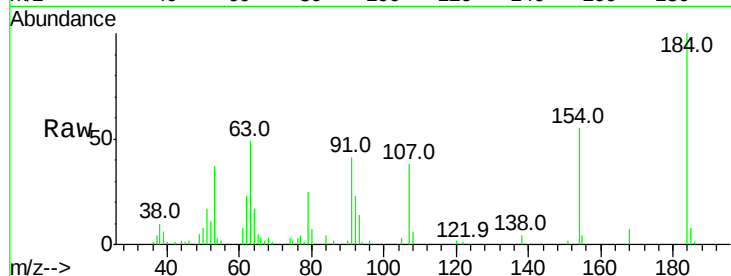




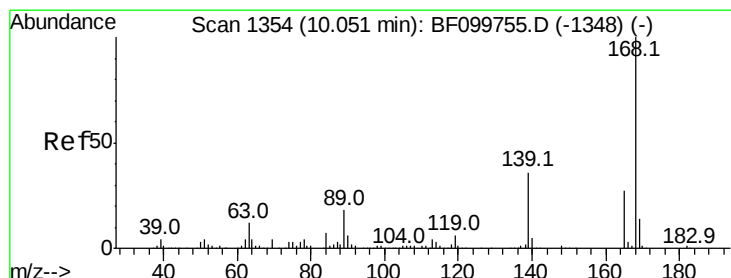
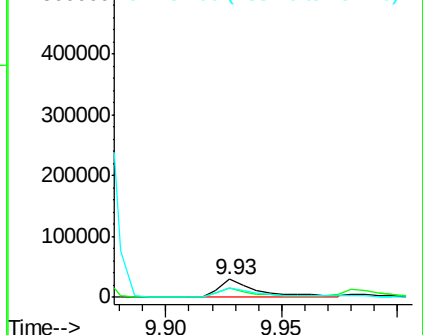
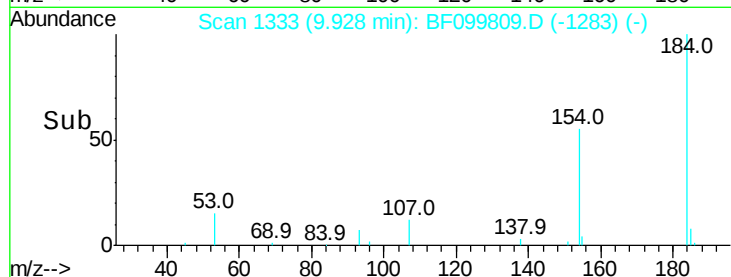
#53
 2,4-Dinitrophenol
 Concen: 37.037 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 35696
 Ion Ratio Lower Upper
 184 100
 63 49.4 54.2 81.2#
 154 54.6 53.5 80.3

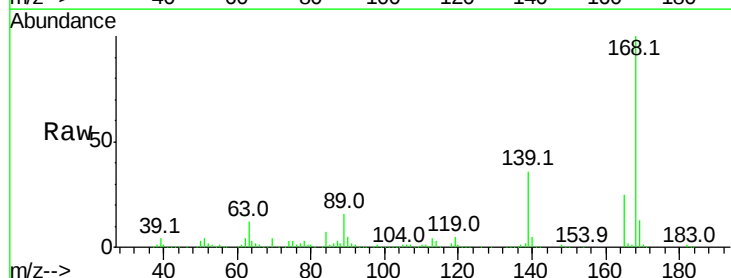


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

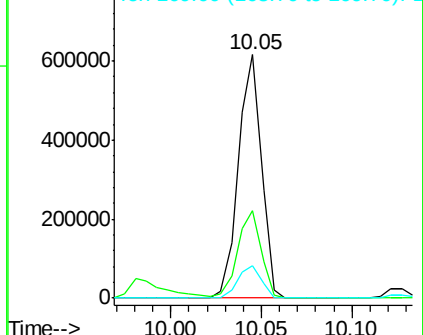
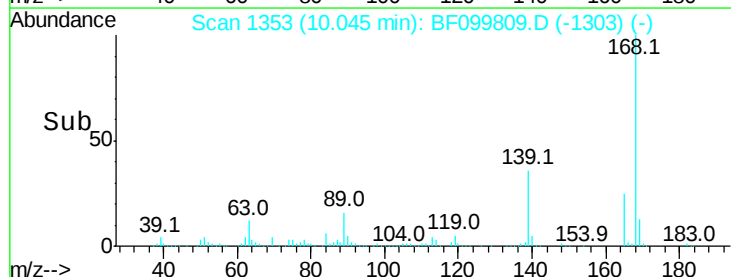


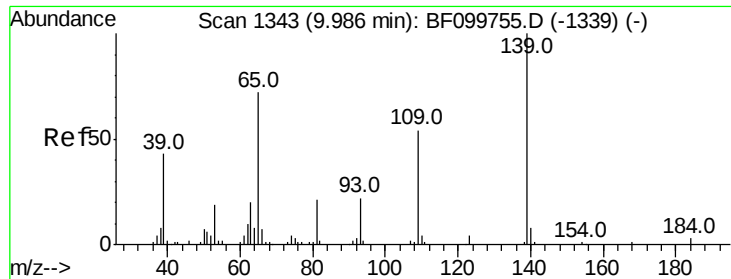
#54
 Dibenzofuran
 Concen: 38.762 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Tgt Ion:168 Resp: 545118
 Ion Ratio Lower Upper
 168 100
 139 36.0 30.1 45.1
 169 13.4 10.9 16.3



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





#55

4-Nitrophenol

Concen: 40.290 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampled :

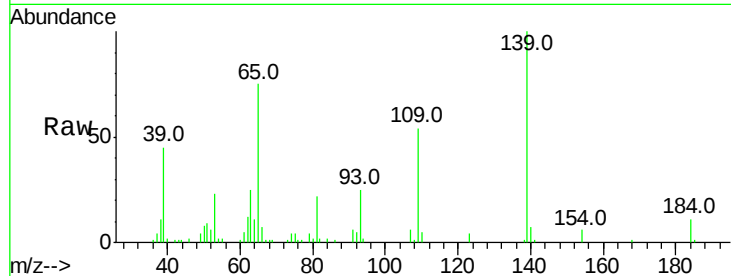
Tot Ion:139 Resp: 66541

Ion Ratio Lower Upper

139 100

109 54.3 48.4 88.4

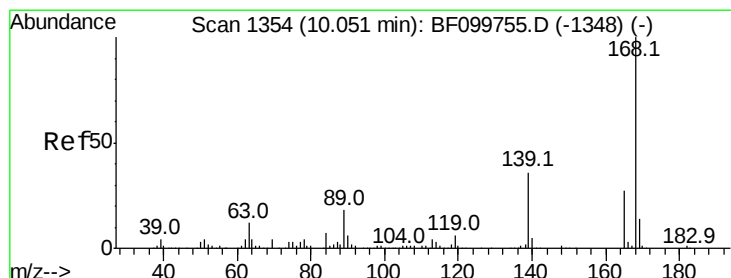
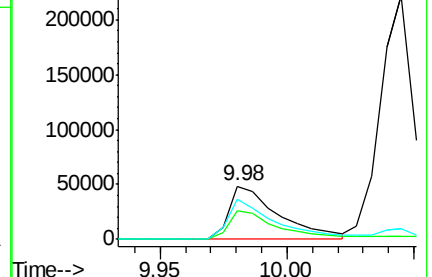
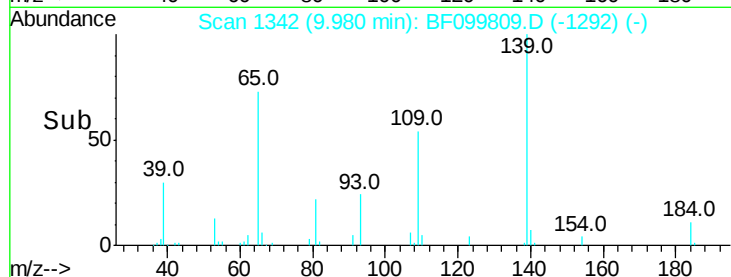
65 75.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.193 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Tgt Ion:165 Resp: 126614

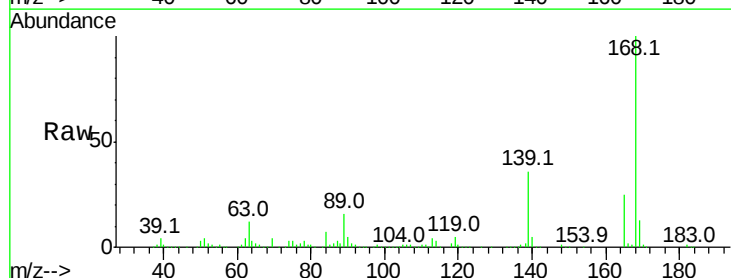
Ion Ratio Lower Upper

165 100

63 45.9 36.4 54.6

89 64.6 57.8 86.6

182 2.5 1.6 2.4#

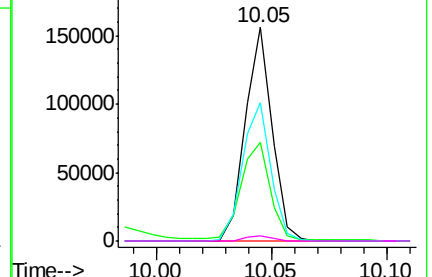
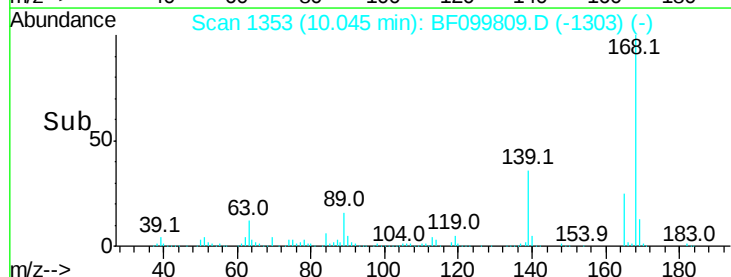


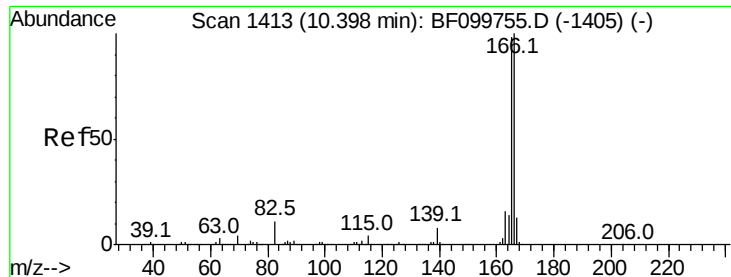
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.338 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

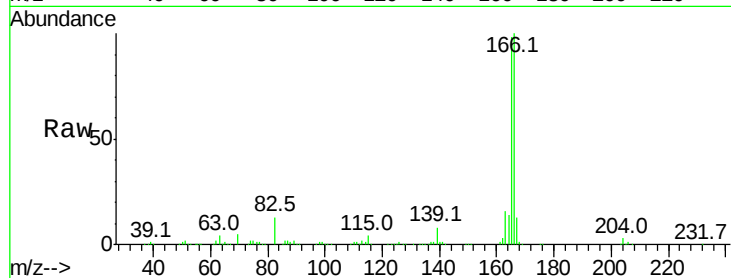
Tot Ion:166 Resp: 458042

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

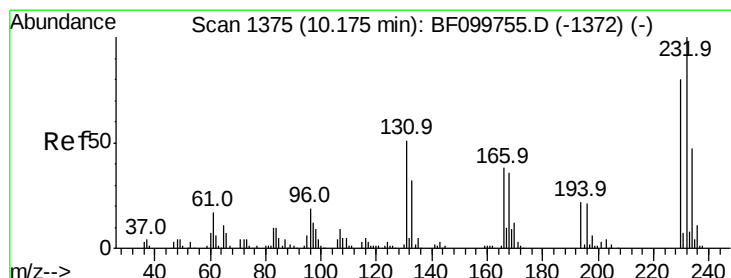
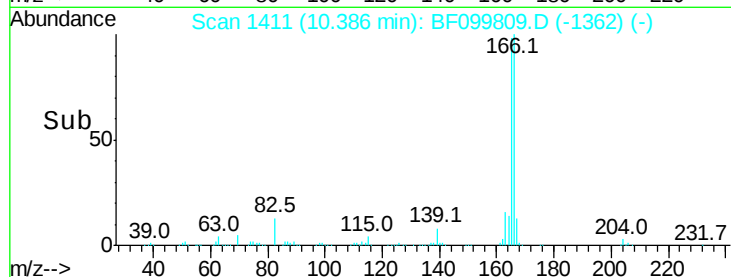
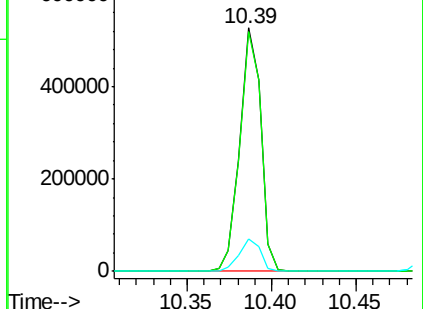
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.391 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Tgt Ion:232 Resp: 94604

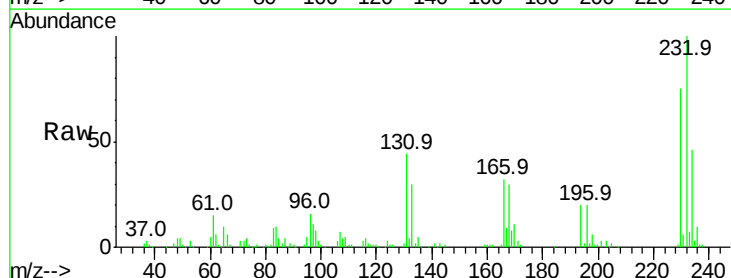
Ion Ratio Lower Upper

232 100

131 48.4 43.8 65.8

130 2.1 2.1 3.1

166 32.4 27.8 41.6

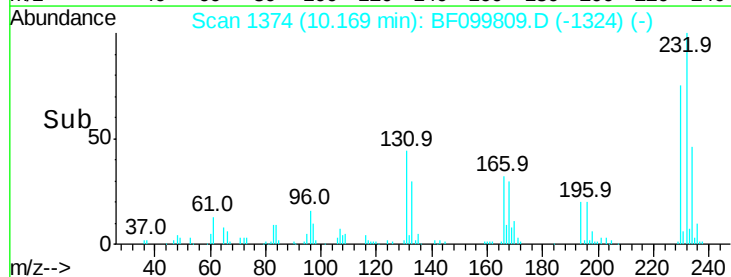
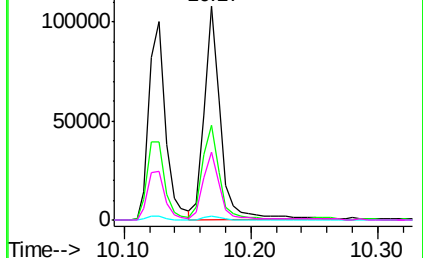


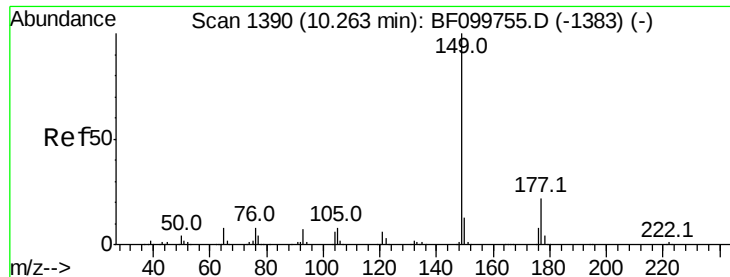
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

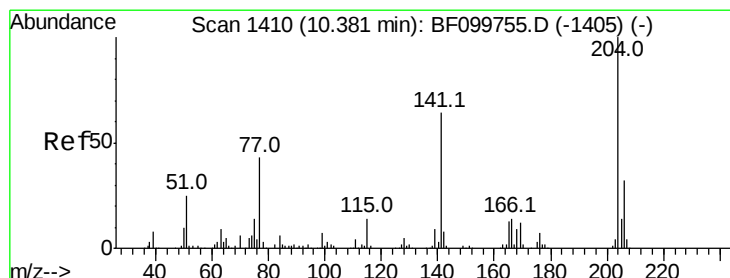
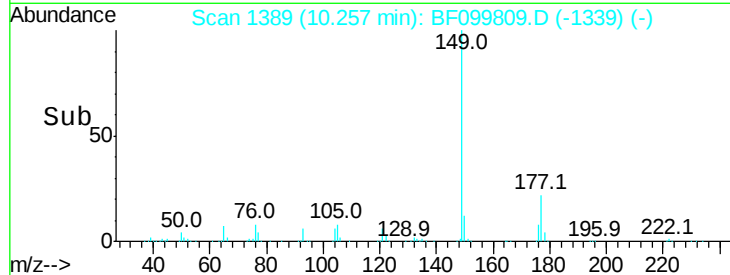
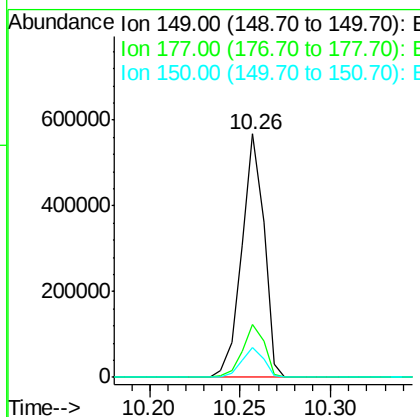
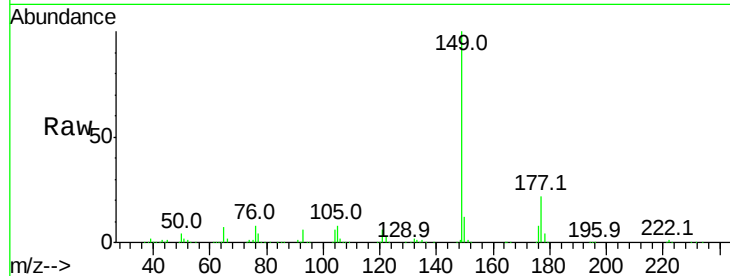




#59
Diethylphthalate
Concen: 38.848 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

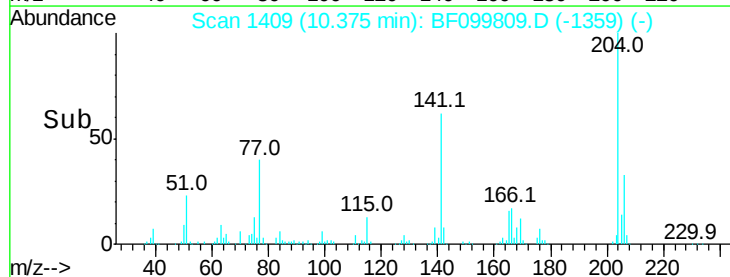
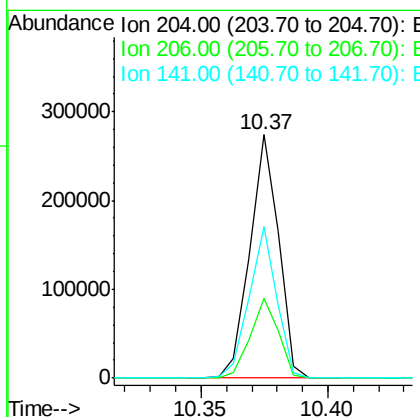
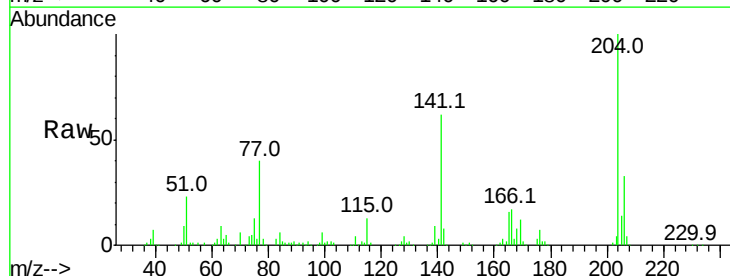
Instrument :
BNA_F
ClientSampleId :

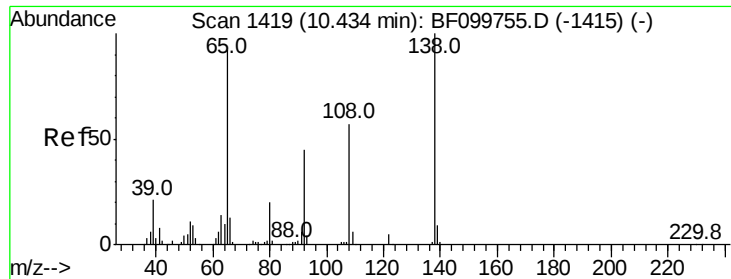
Tot Ion:	149	Resp:	484095
Ion Ratio	Lower	Upper	
149	100		
177	21.6	16.1	24.1
150	12.2	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.295 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion:	204	Resp:	215334
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	62.0	54.6	81.8

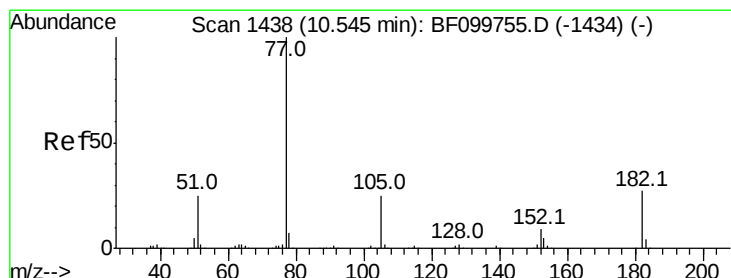
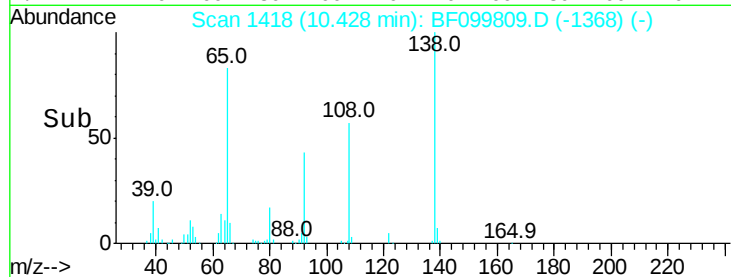
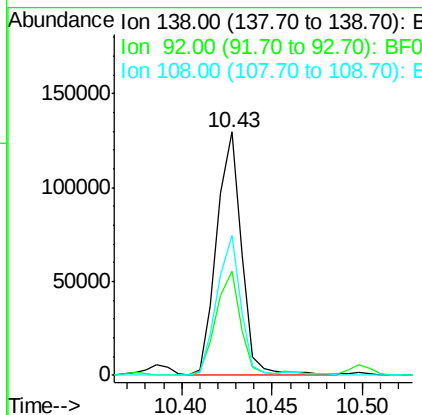
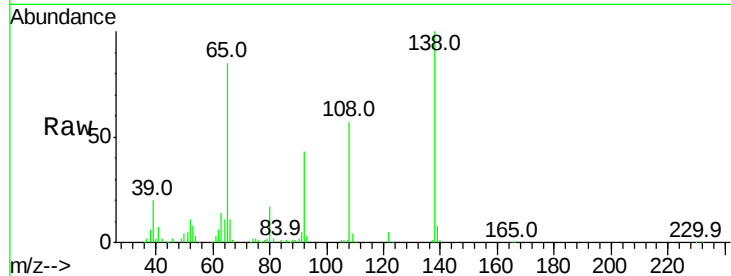




#61
4-Nitroaniline
Concen: 41.336 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

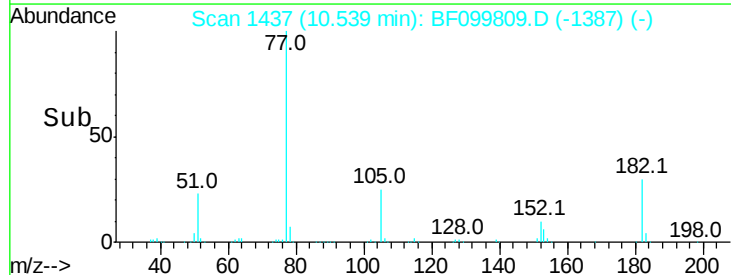
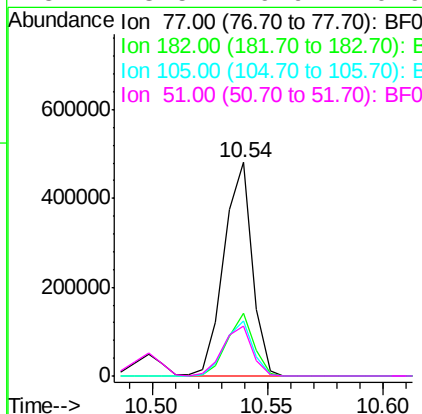
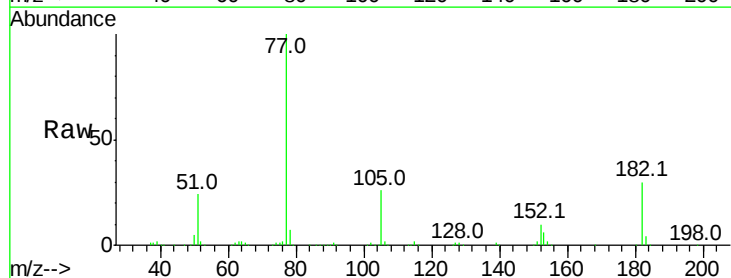
Instrument :
BNA_F
ClientSampleId :

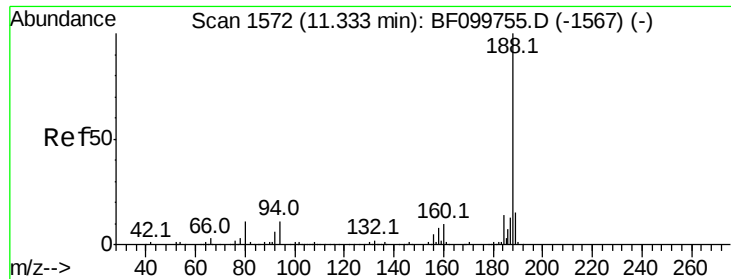
Tot Ion:138 Resp: 124654
Ion Ratio Lower Upper
138 100
92 42.7 30.2 70.2
108 57.2 52.5 92.5



#62
Azobenzene
Concen: 39.109 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion: 77 Resp: 408531
Ion Ratio Lower Upper
77 100
182 29.5 1.7 41.7
105 26.1 3.0 43.0
51 23.5 9.9 49.9

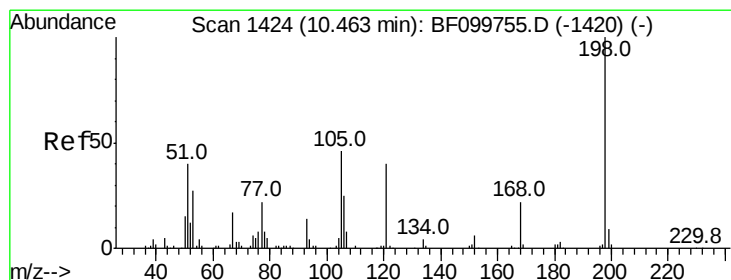
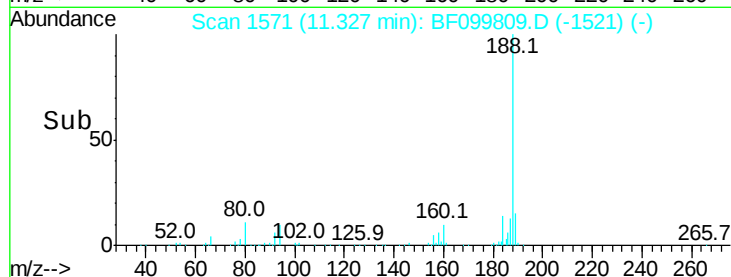
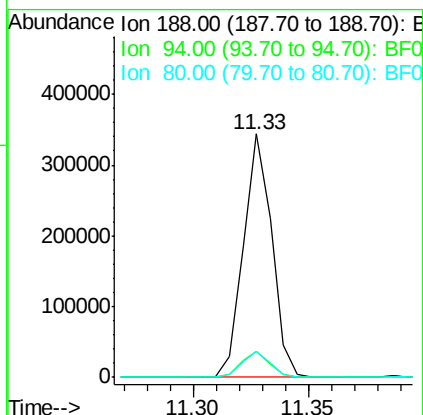
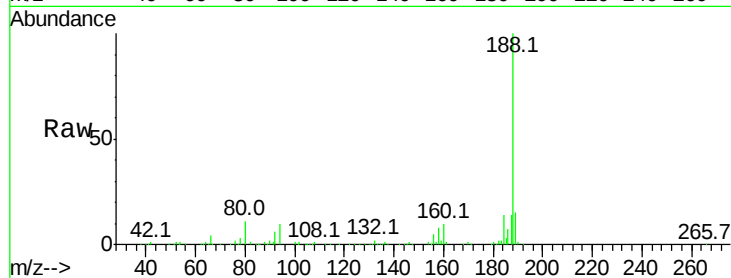




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

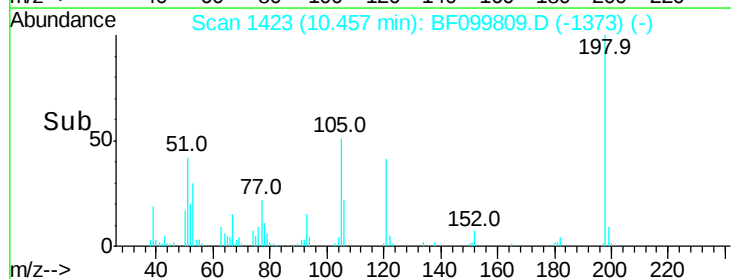
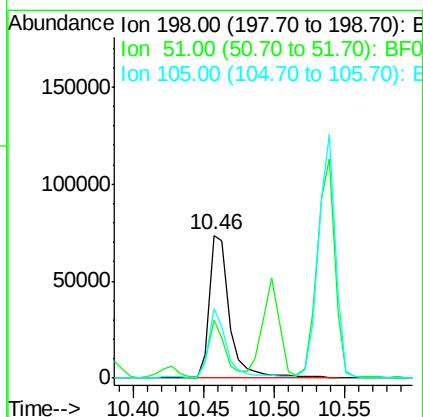
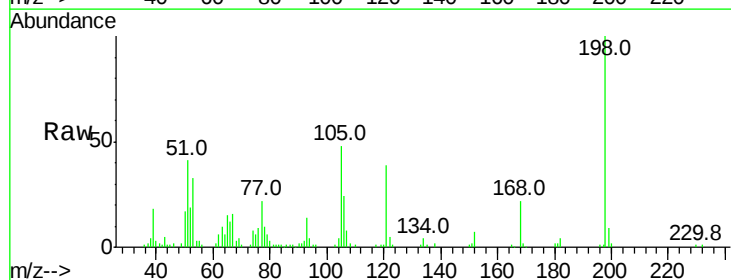
Instrument :
BNA_F
ClientSampleId :

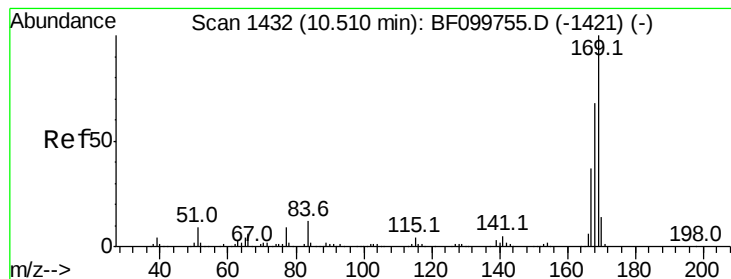
Tot Ion:188 Resp: 295943
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.679 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion:198 Resp: 73816
Ion Ratio Lower Upper
198 100
51 40.6 37.7 77.7
105 48.4 36.3 76.3

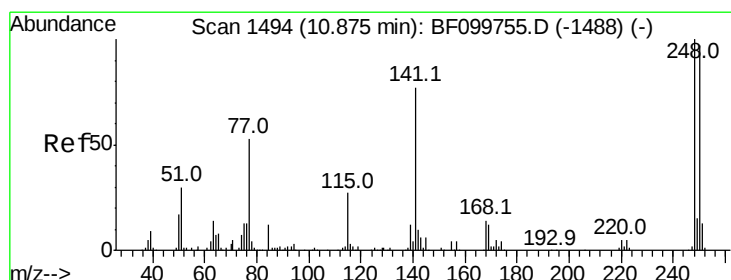
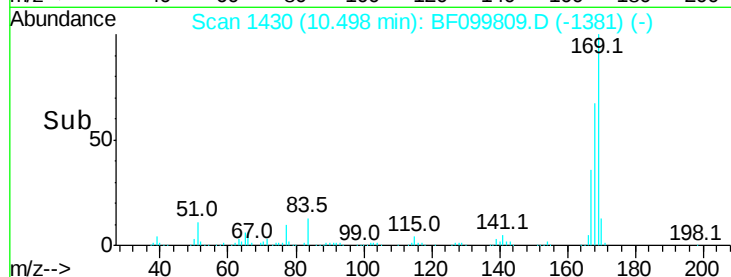
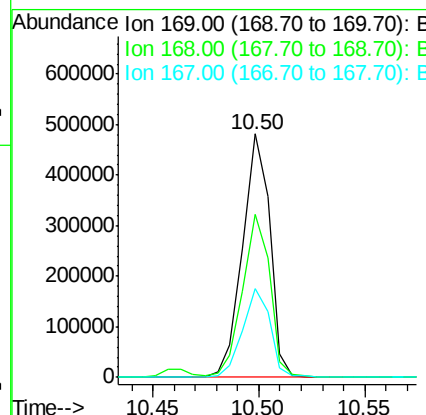
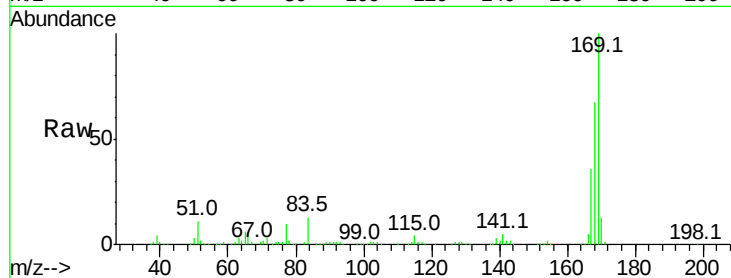




#65
 n-Nitrosodiphenylamine
 Concen: 39.377 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

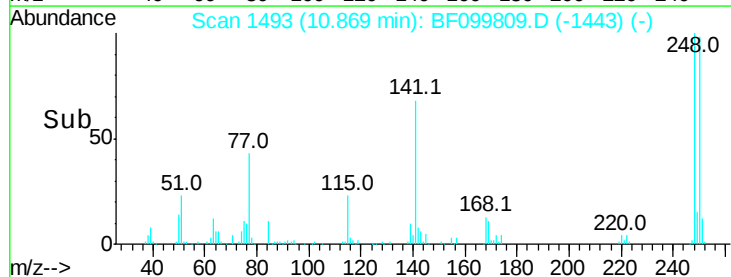
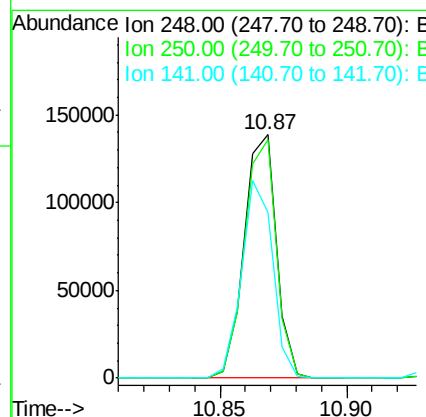
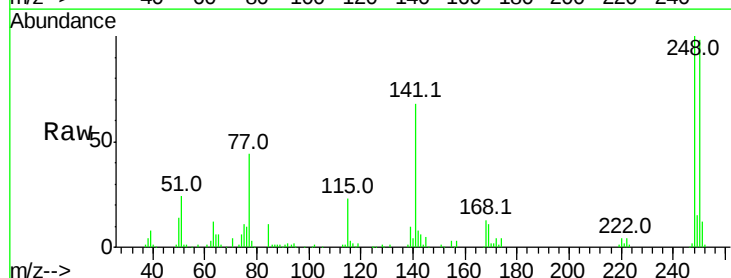
Instrument :
 BNA_F
 ClientSampleId :

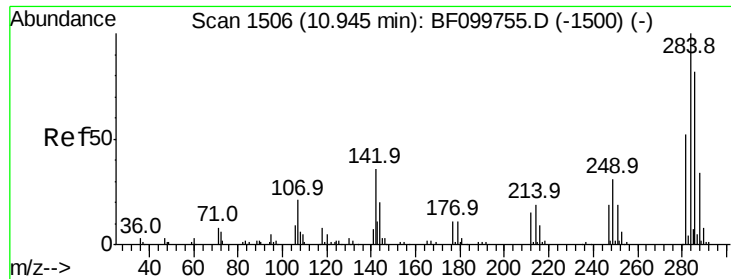
Tot Ion:169 Resp: 430175
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.4 81.6
 167 36.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.309 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Tgt Ion:248 Resp: 122469
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.9 115.3
 141 68.0 74.4 111.6#

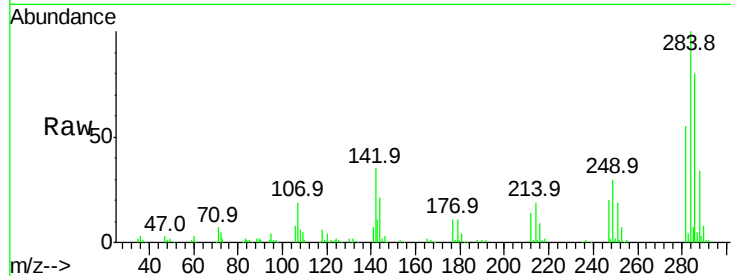




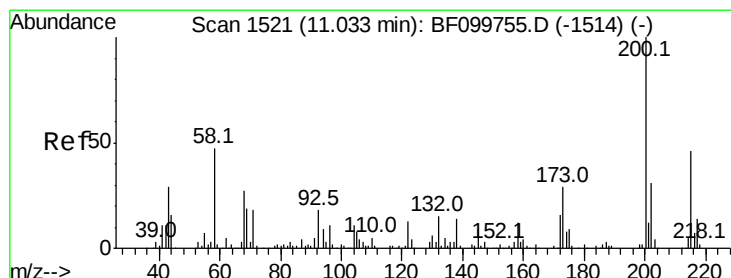
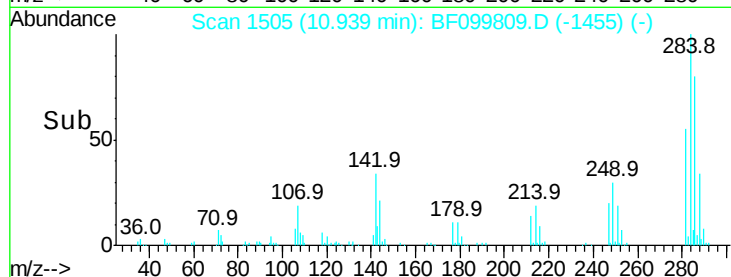
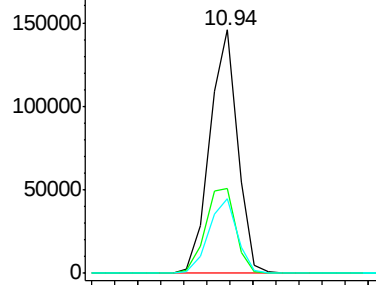
#67
Hexachlorobenzene
Concen: 38.449 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.6	34.6	52.0#
249	30.4	24.8	37.2

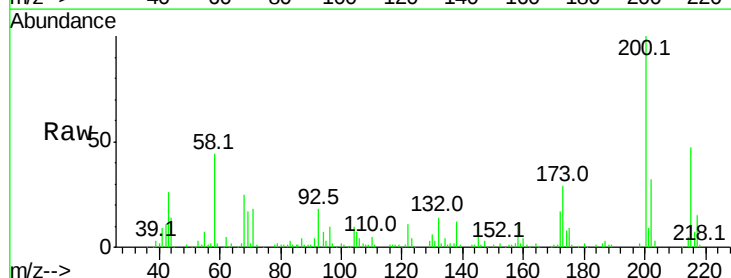


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

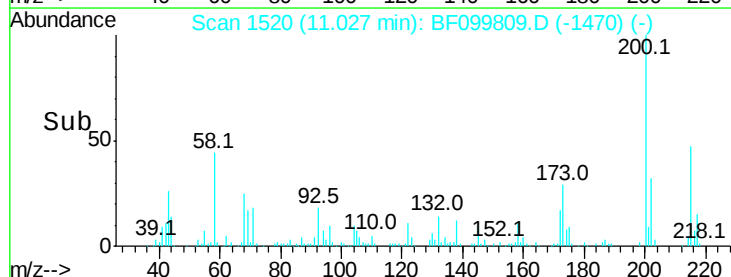
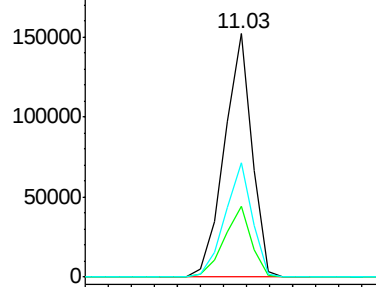


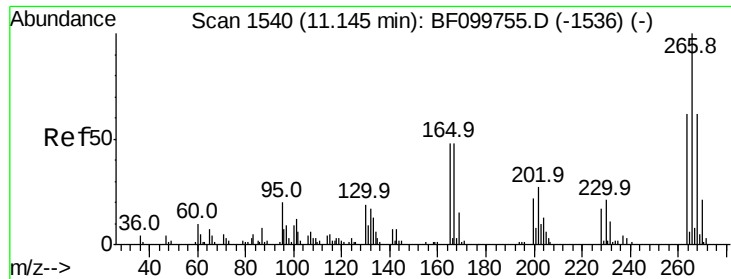
#68
Atrazine
Concen: 38.685 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.6	48.6
215	46.8	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

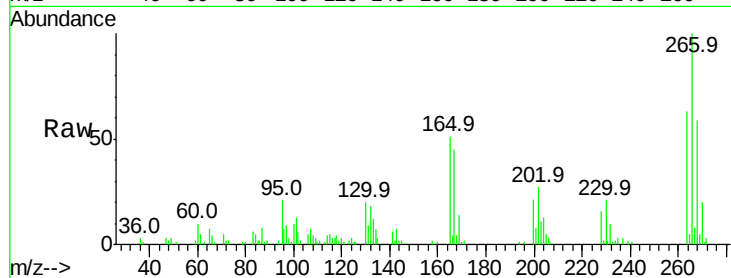




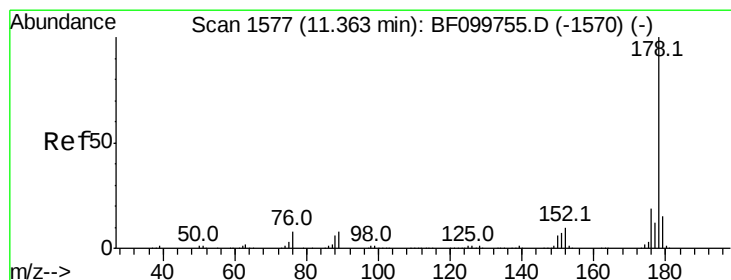
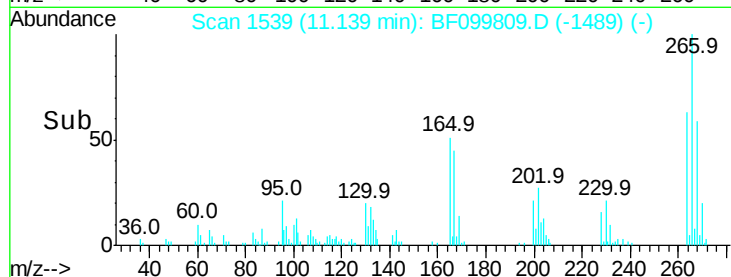
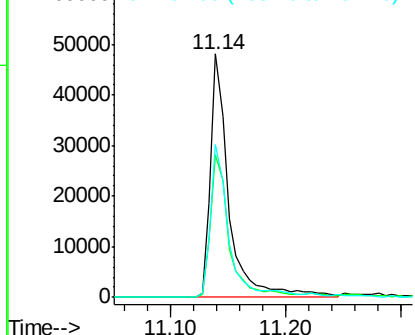
#69
 Pentachlorophenol
 Concen: 39.464 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 53749
 Ion Ratio Lower Upper
 266 100
 268 58.7 51.1 76.7
 264 62.9 49.5 74.3

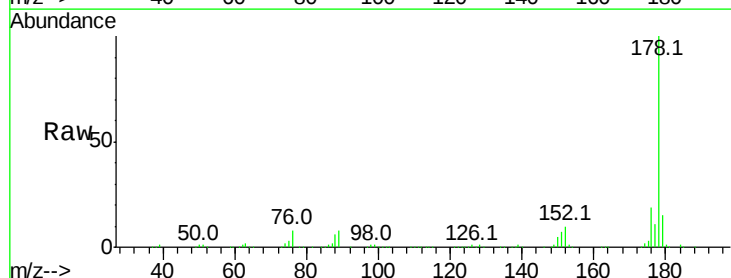


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

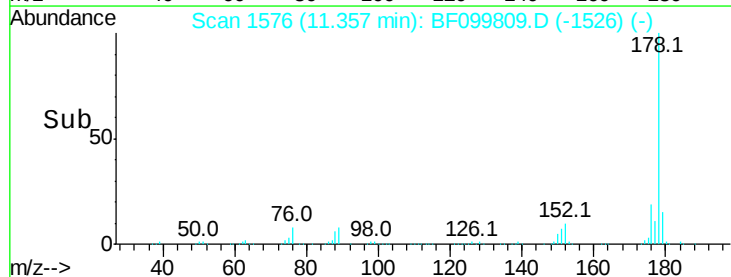
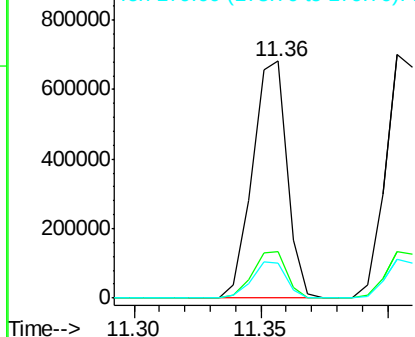


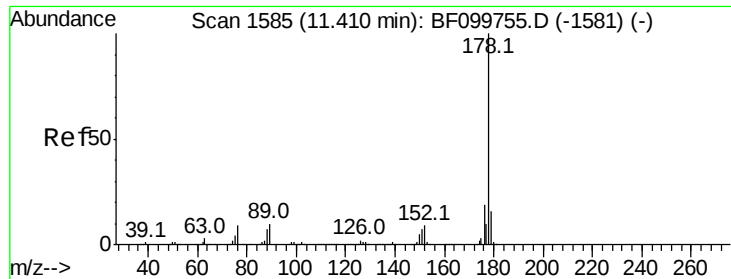
#70
 Phenanthrene
 Concen: 39.057 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Tgt Ion:178 Resp: 652308
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.0 13.0 19.6



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

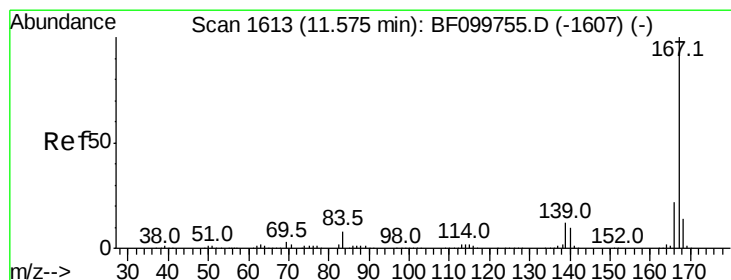
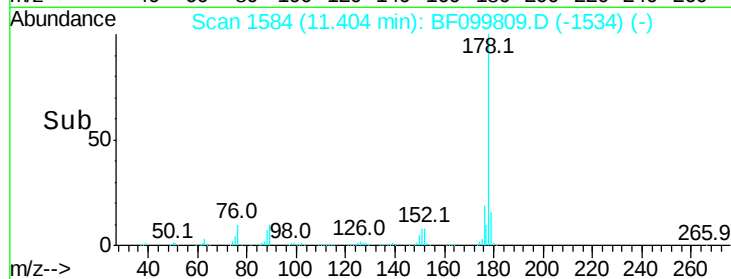
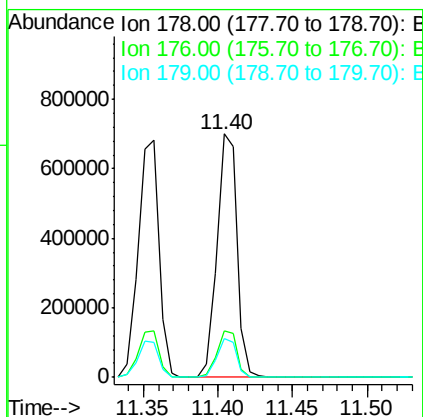
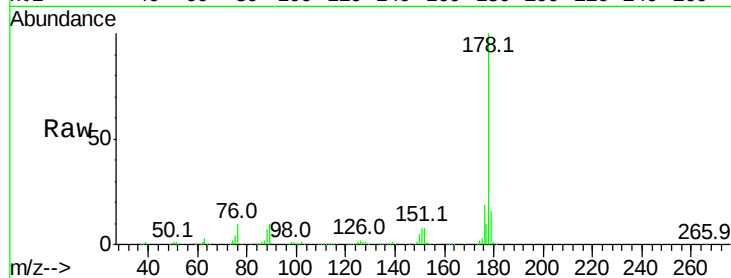




#71
 Anthracene
 Concen: 39.107 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

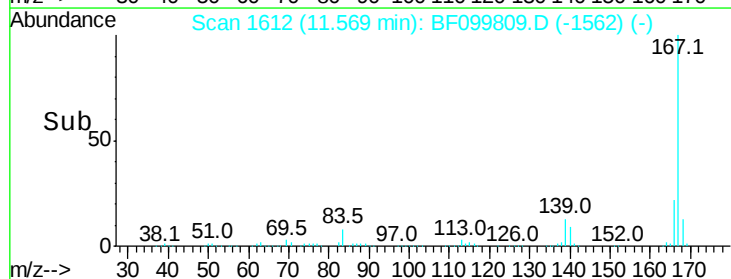
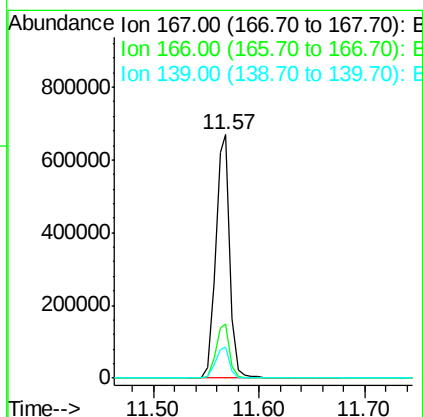
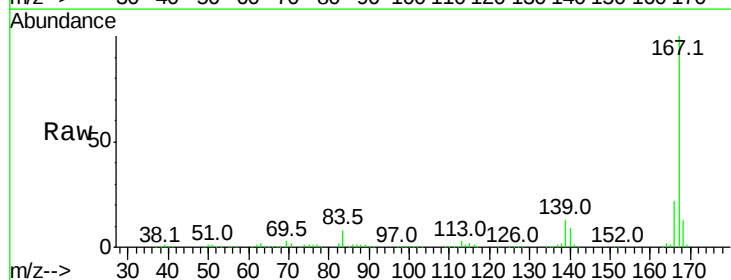
Instrument :
 BNA_F
 ClientSampleId :

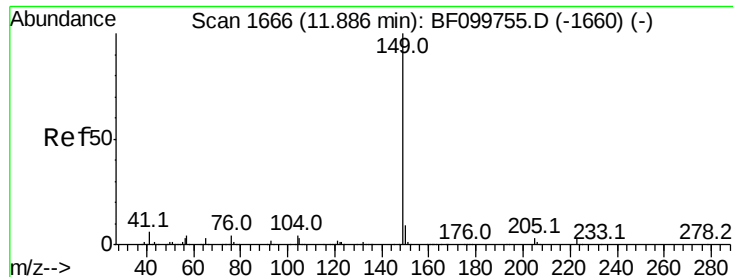
Tot Ion:178 Resp: 662976
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 39.808 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Tgt Ion:167 Resp: 634626
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.215 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

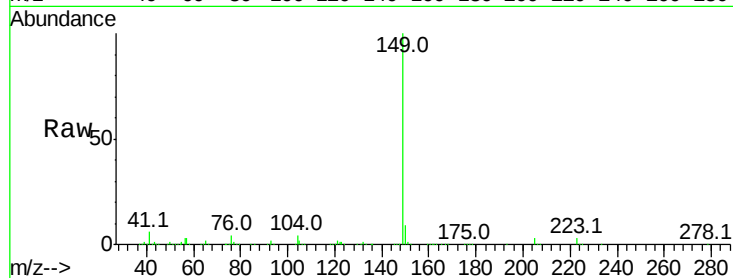
Tot Ion:149 Resp: 777062

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

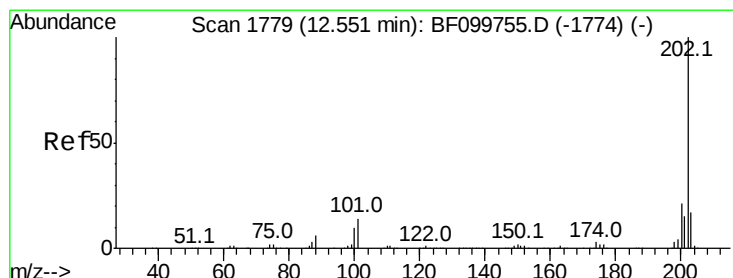
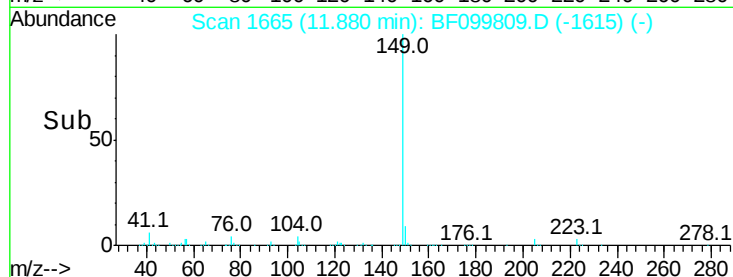
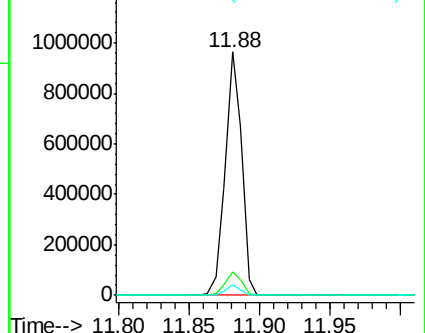
104 4.1 3.8 5.8



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: 39.791 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

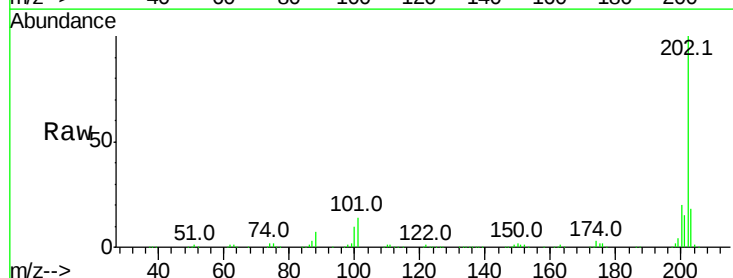
Tgt Ion:202 Resp: 690631

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

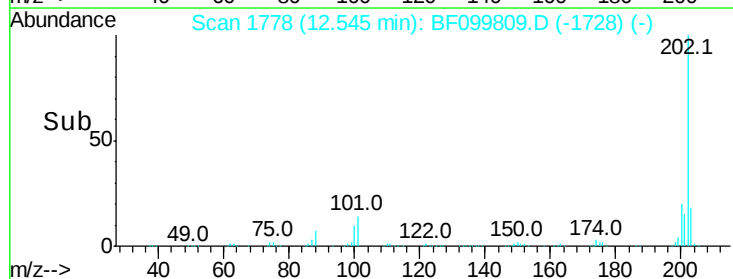
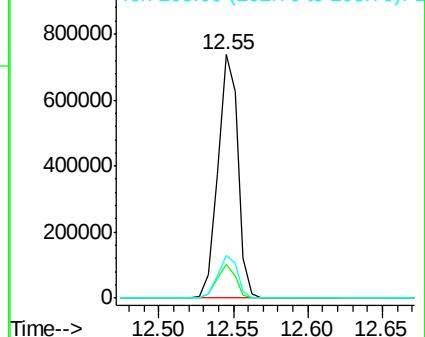
203 17.5 0.0 38.1

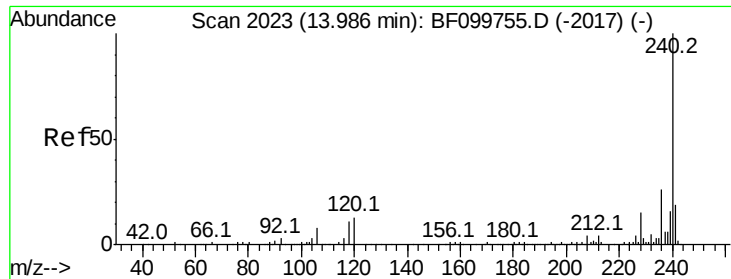


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

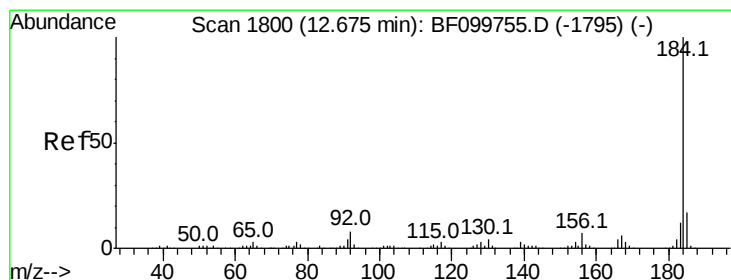
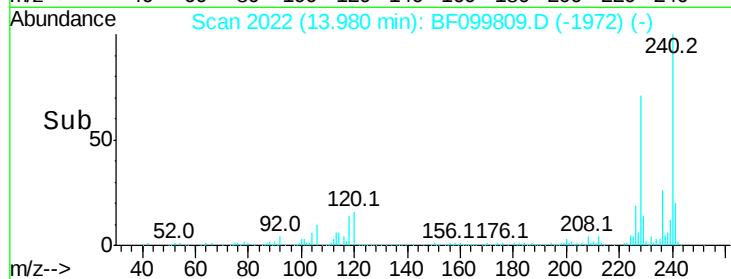
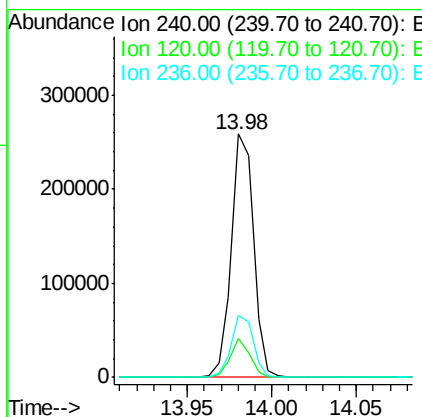
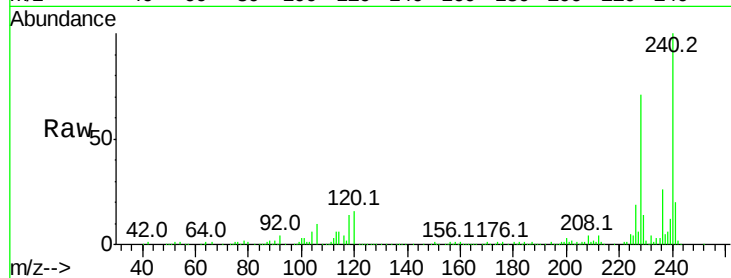




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

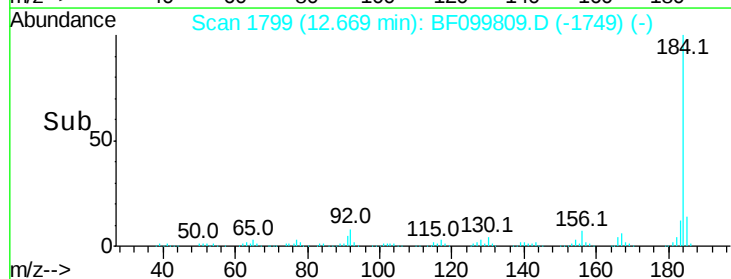
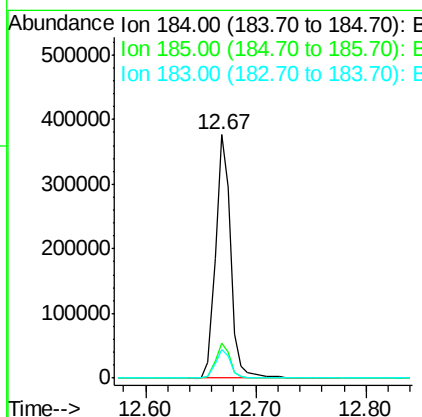
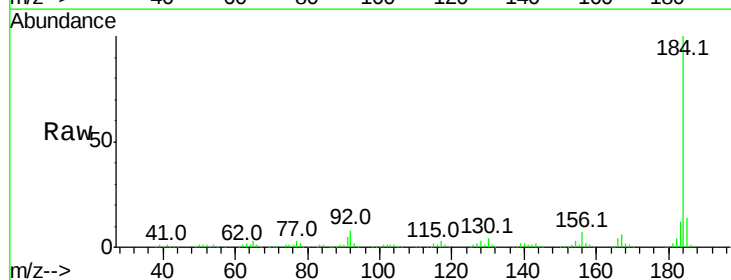
Instrument :
BNA_F
ClientSampleId :

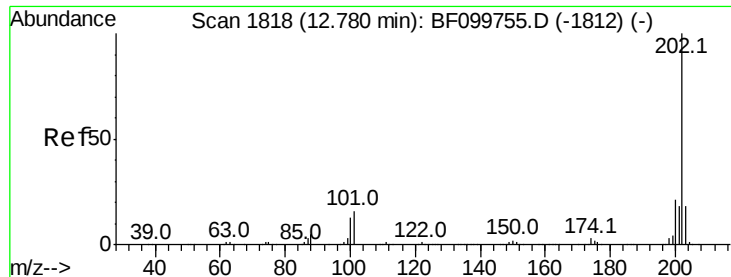
Tot Ion:240 Resp: 236626
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 25.6 20.7 31.1



#76
Benzidine
Concen: 34.166 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion:184 Resp: 353762
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.9 9.3 13.9

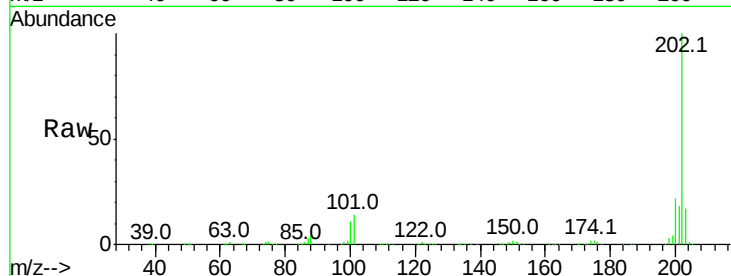




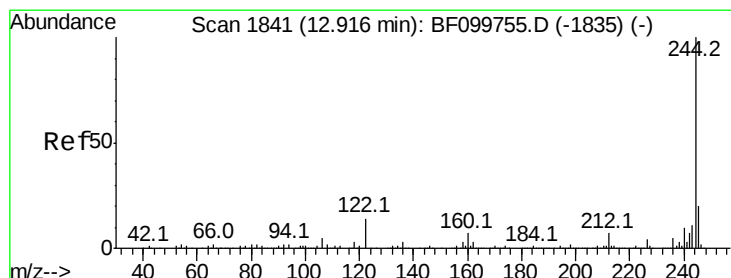
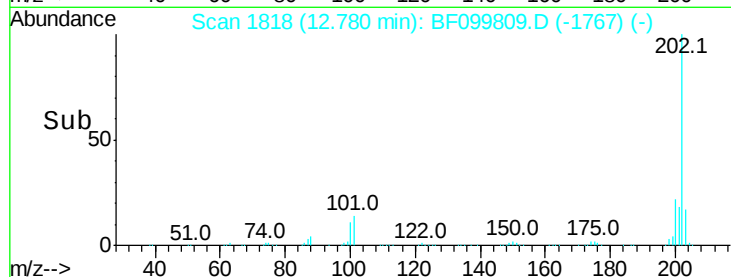
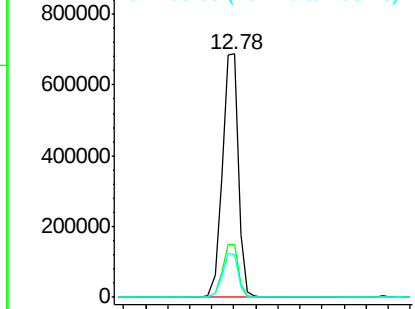
#77
Pvrene
Concen: 38.796 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 698059
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.4 14.3 21.5

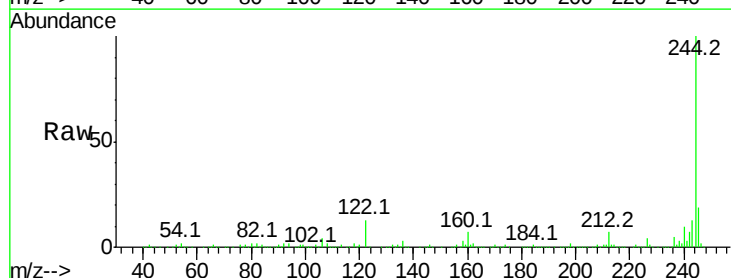


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

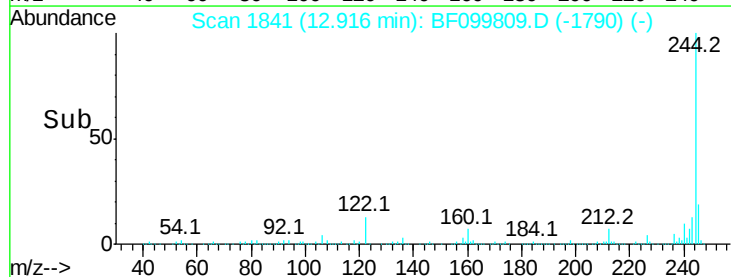
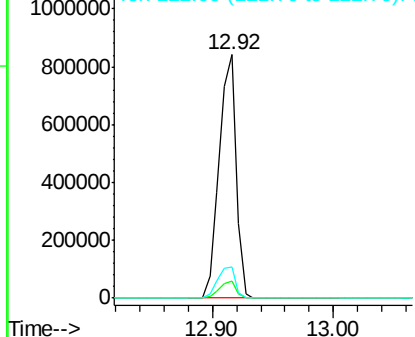


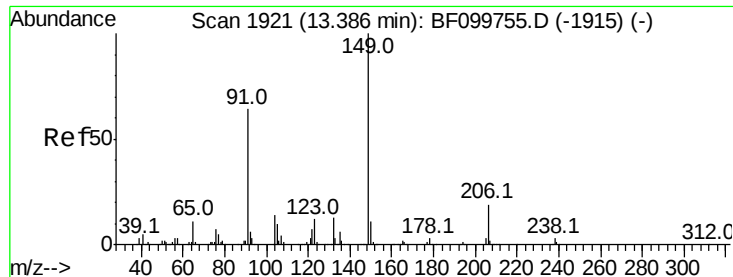
#78
Terphenyl-d14
Concen: 75.030 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion:244 Resp: 812409
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.8 11.0 16.4



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

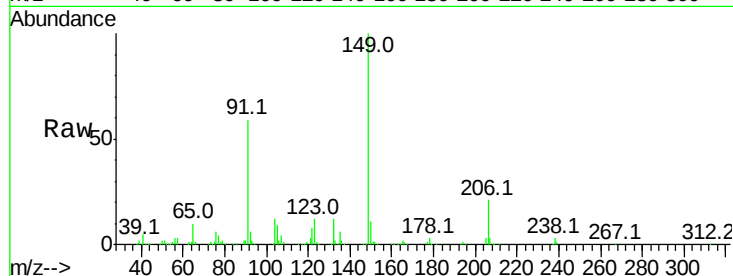




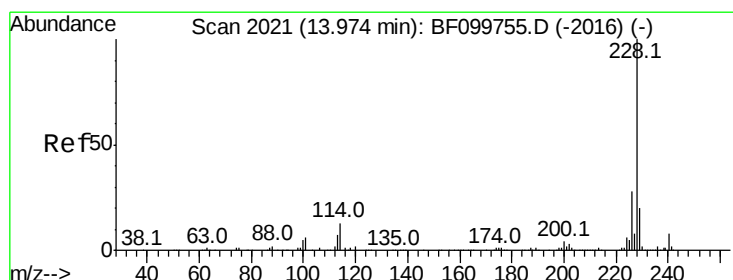
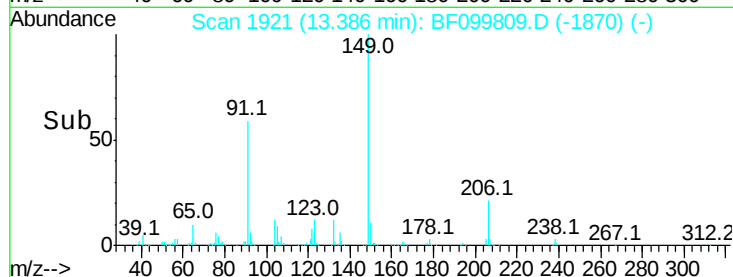
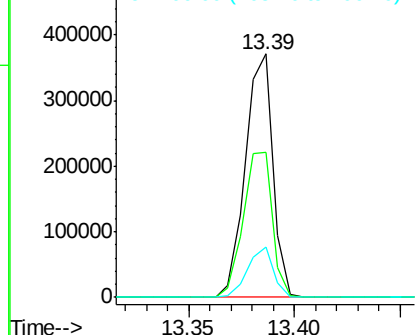
#79
Butylbenzylphthalate
Concen: 37.723 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	59.4	56.8	85.2
206	20.9	14.1	21.1

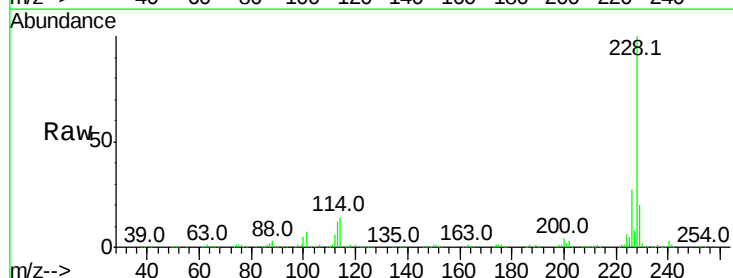


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

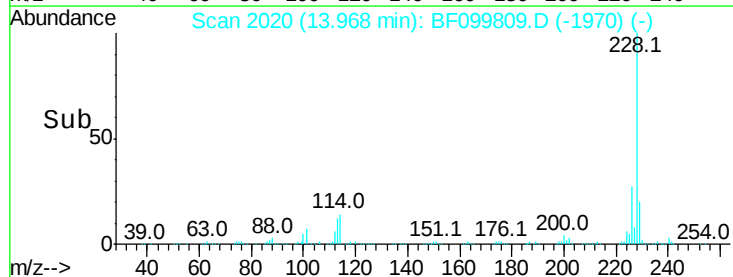
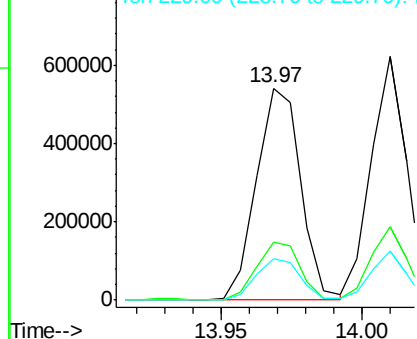


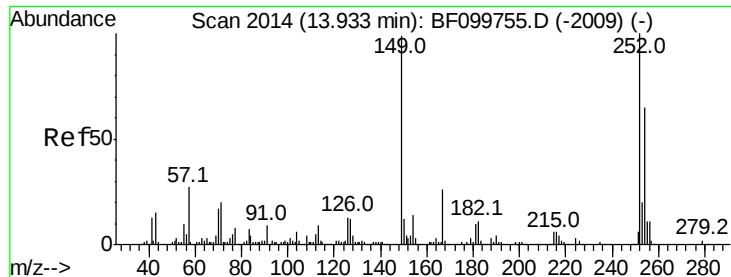
#80
Benzo(a)anthracene
Concen: 39.174 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.7	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

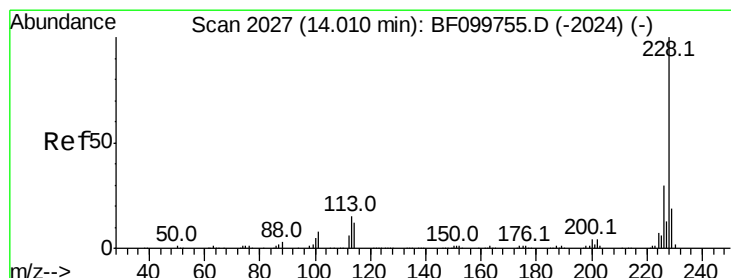
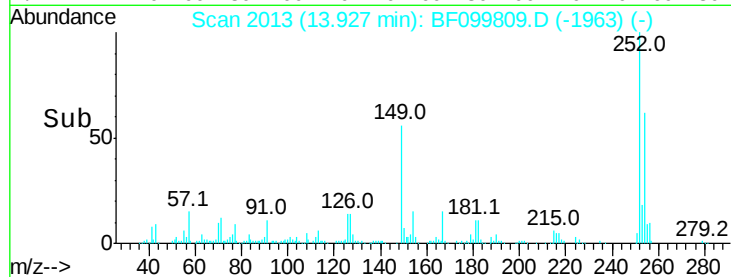
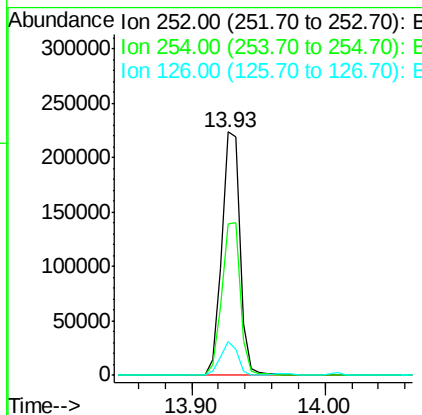
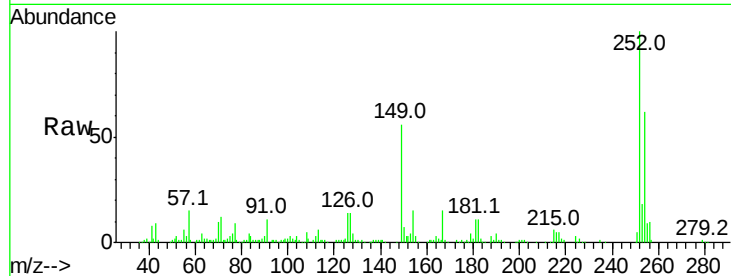




#81
 3,3'-Dichlorobenzidine
 Concen: 39.928 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

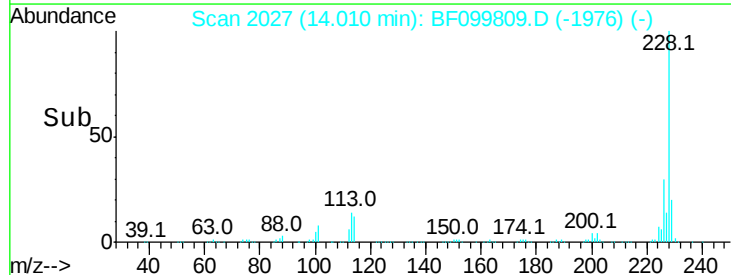
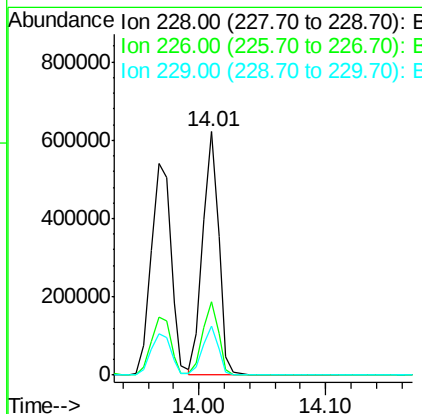
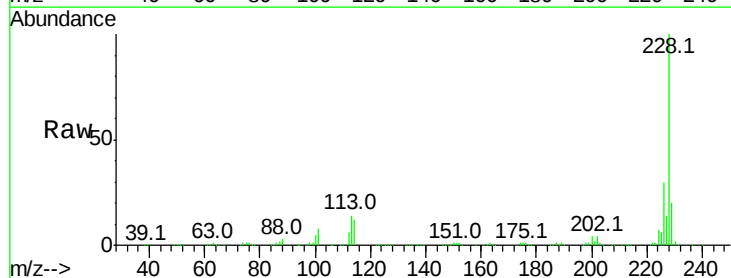
Instrument :
 BNA_F
 ClientSampled :

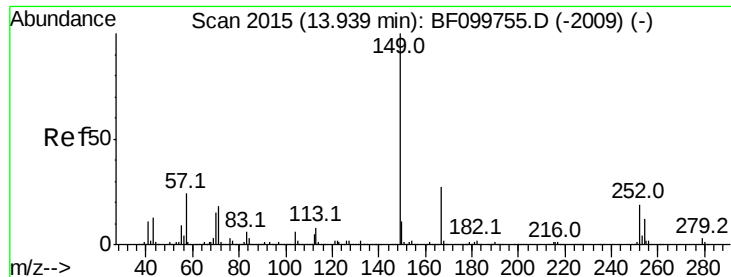
Tot Ion:	252	Resp:	217411
Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.4	75.6
126	14.0	11.3	16.9



#82
 Chrysene
 Concen: 38.725 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF099809.D
 Acq: 25 Oct 2017 13:04

Tgt Ion:	228	Resp:	546116
Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.186 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

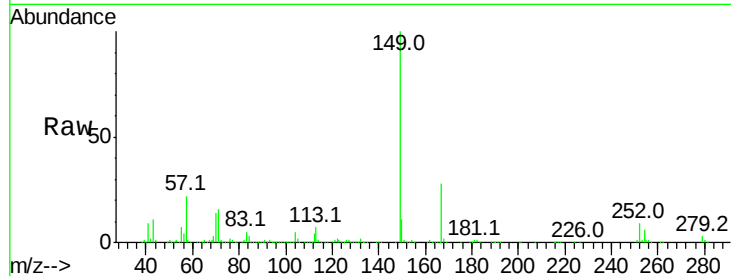
Tot Ion:149 Resp: 450253

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

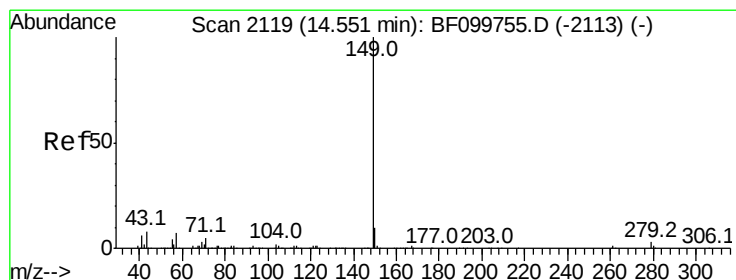
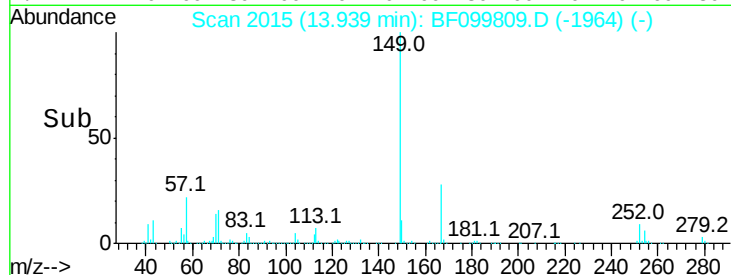
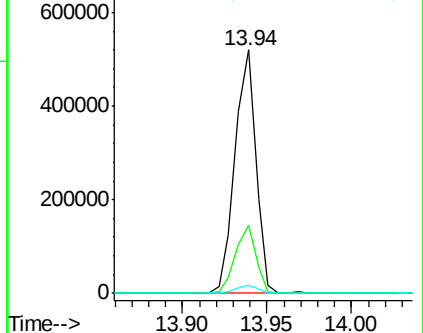
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.894 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

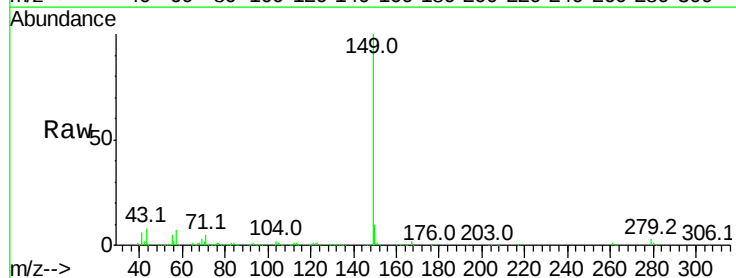
Tgt Ion:149 Resp: 787894

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

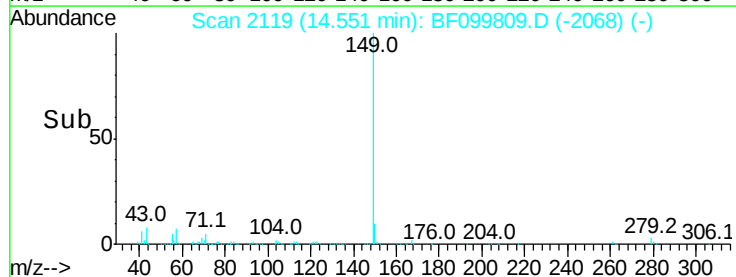
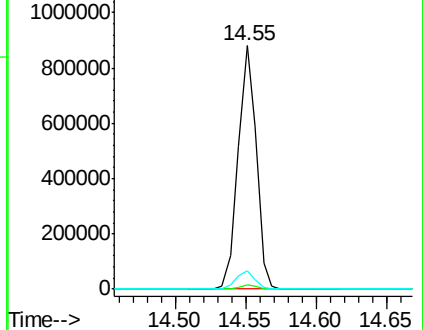
43 7.8 8.4 12.6#

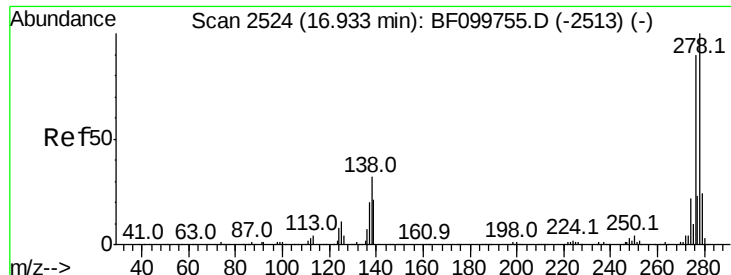


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

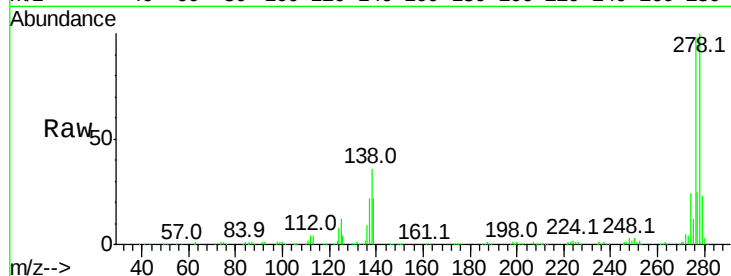




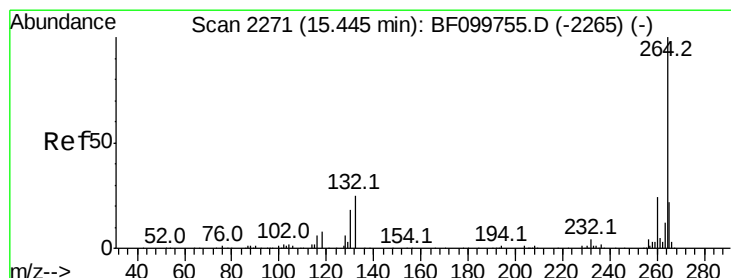
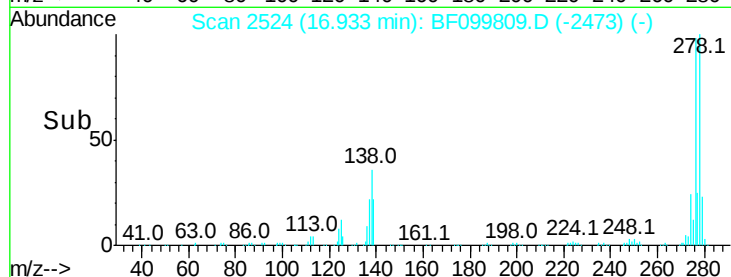
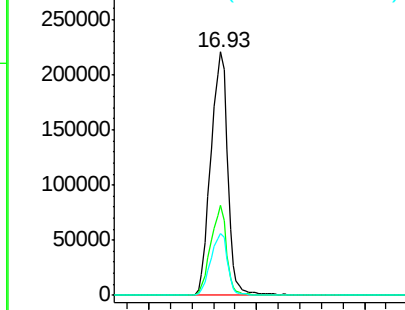
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.365 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 483745
Ion Ratio Lower Upper
276 100
138 34.4 25.0 37.6
277 25.2 20.1 30.1

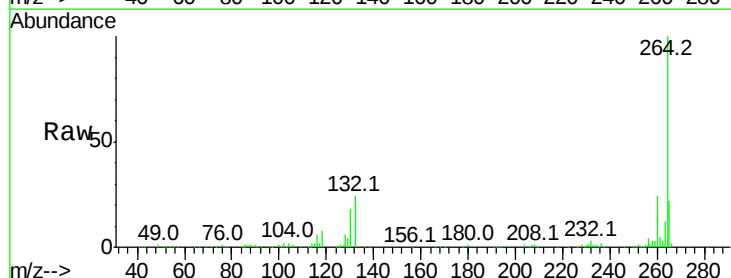


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

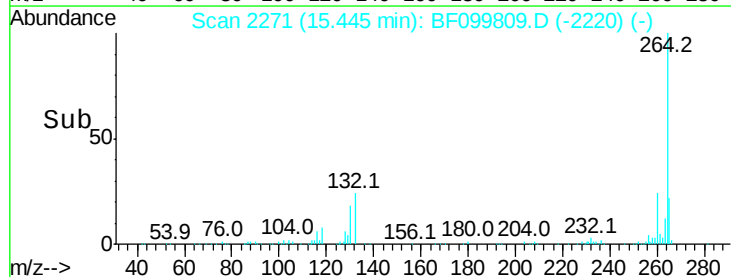
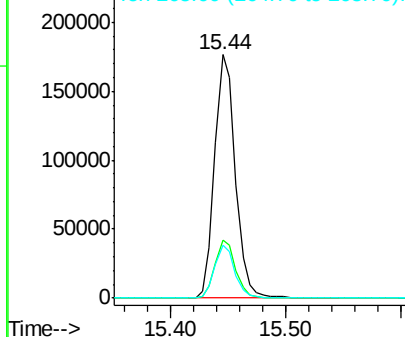


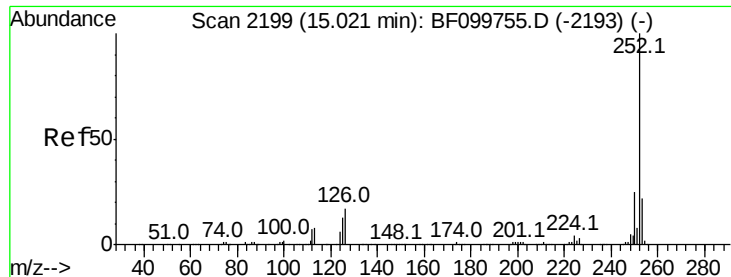
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion:264 Resp: 219902
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.522 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.00 min

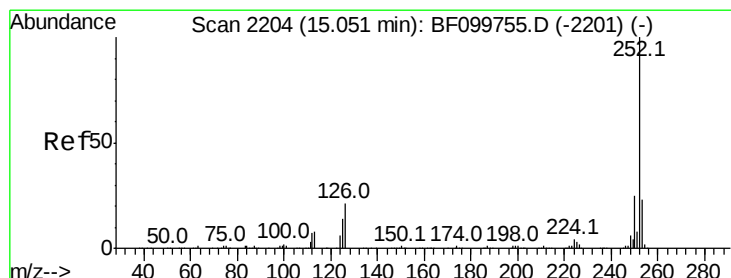
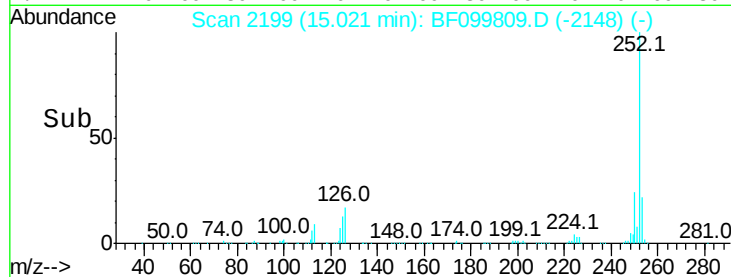
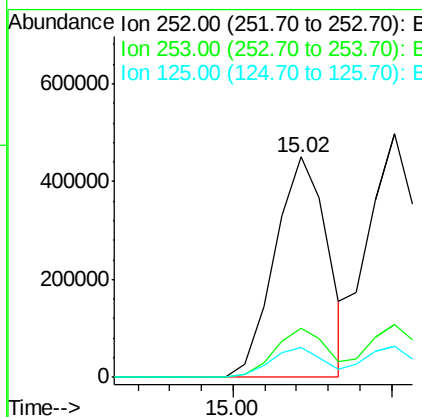
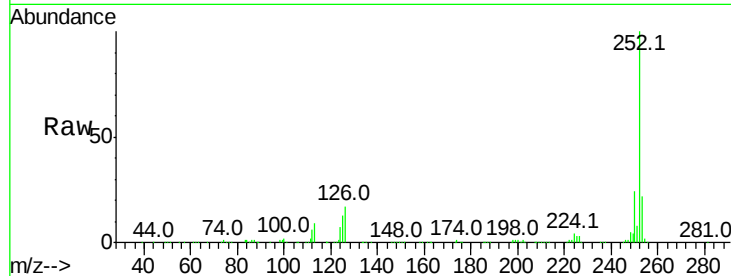
Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 521025

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.4	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 41.376 ng

RT: 15.05 min Scan# 2204

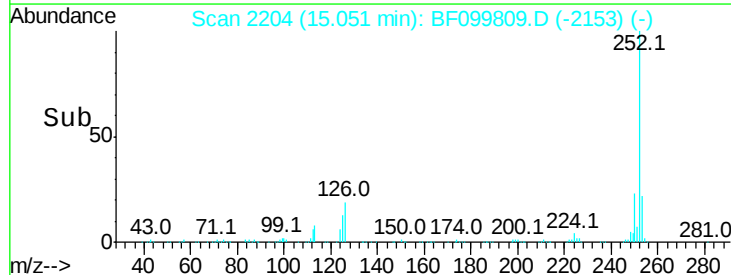
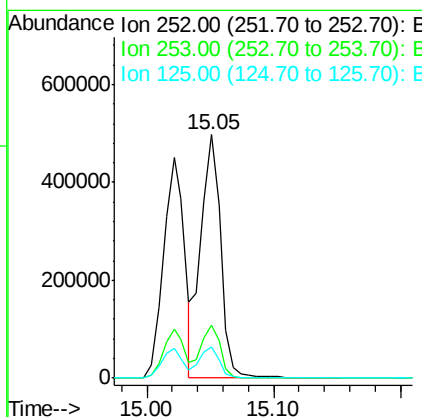
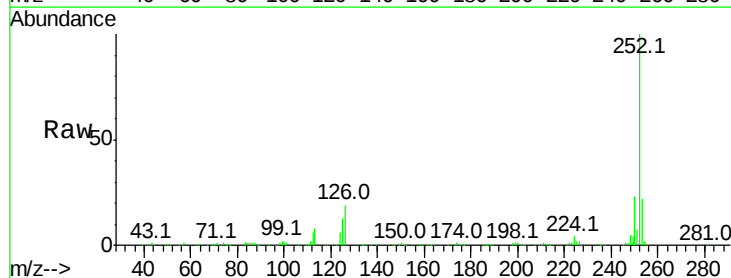
Delta R.T. -0.00 min

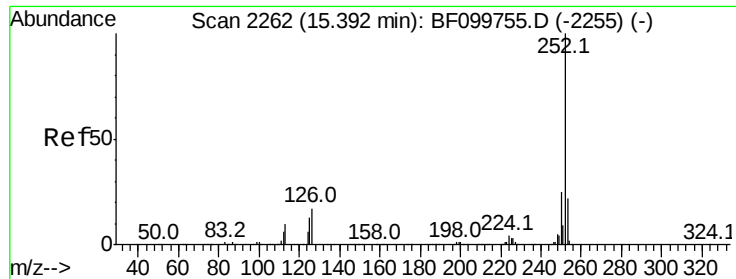
Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Tgt Ion:252 Resp: 541767

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.7	10.2	15.2

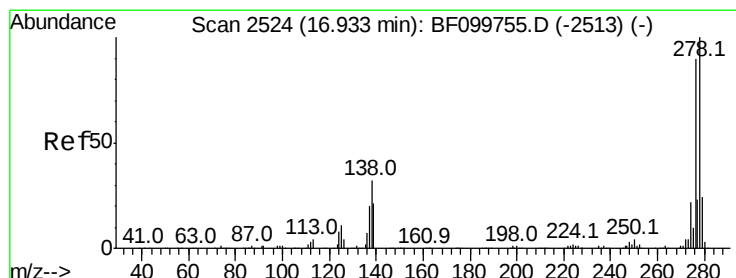
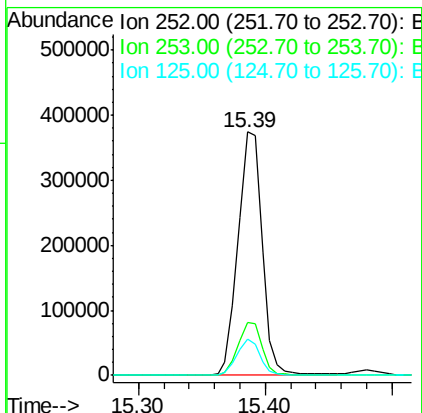
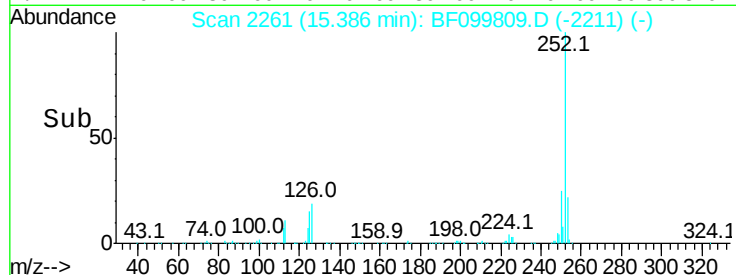
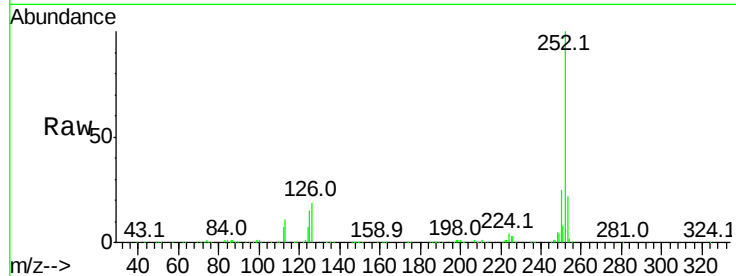




#89
Benzo(a)pyrene
Concen: 39.664 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

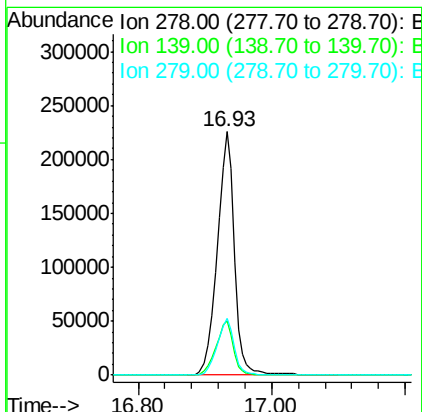
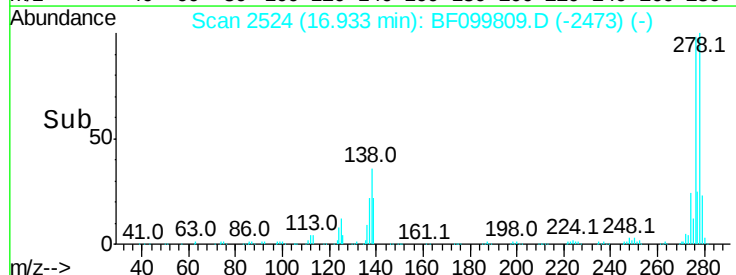
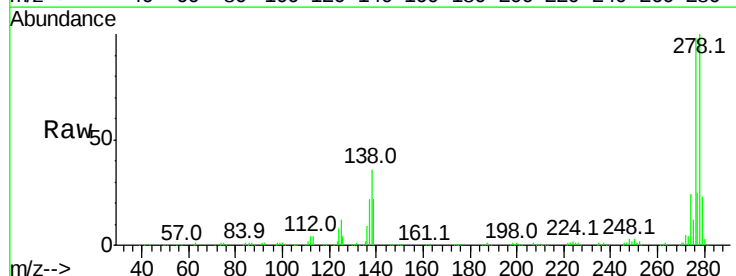
Instrument :
BNA_F
ClientSampled :

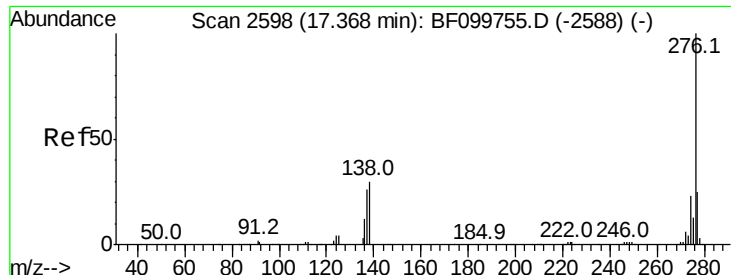
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.8	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.986 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BF099809.D
Acq: 25 Oct 2017 13:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.9	23.9
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 36.608 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.01 min

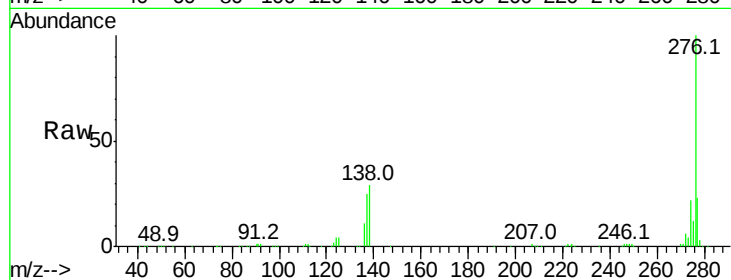
Lab File: BF099809.D

Acq: 25 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :



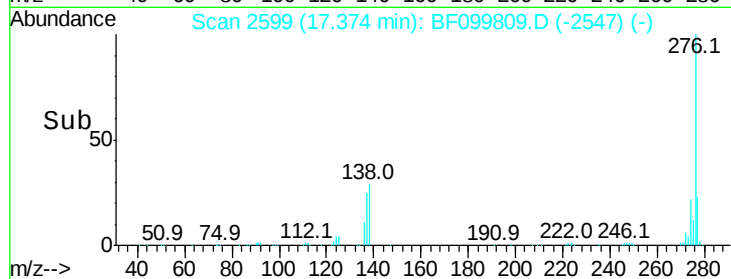
Tot Ion:276 Resp: 396955

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 28.7 21.8 32.8



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

