

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099648.D
 Acq On : 19 Oct 2017 6:26
 Operator : SJ/JU
 Sample : I5929-04MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 16:23:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88123	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	330473	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	118417	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	195067	20.00	ng	0.00
75) Chrysene-d12	14.00	240	183289	20.00	ng	0.00
86) Perylene-d12	15.46	264	153935	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	654348	118.20	ng	0.03
7) Phenol-d6	6.48	99	701501	102.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	463917	90.03	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	127683	131.77	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	820079	115.61	ng	0.00
78) Terphenyl-d14	12.93	244	642415	79.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	94996	35.924	ng	# 78
3) Pyridine	3.52	79	200144	27.979	ng	92
4) n-Nitrosodimethylamine	3.46	42	101088	33.325	ng	# 74
6) Aniline	6.50	93	109726	11.905	ng	# 88
8) 2-Chlorophenol	6.62	128	250784	40.004	ng	96
9) Benzaldehyde	6.39	77	60242	15.208	ng	88
10) Phenol	6.49	94	258485	33.845	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	253128	42.633	ng	96
12) 1,3-Dichlorobenzene	6.77	146	268456	40.890	ng	97
13) 1,4-Dichlorobenzene	6.85	146	271869	40.700	ng	98
14) 1,2-Dichlorobenzene	7.00	146	251224	40.703	ng	98
15) Benzyl Alcohol	6.98	79	175359	35.004	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	313624	33.904	ng	73
17) 2-Methylphenol	7.09	107	192278	37.485	ng	94
18) Hexachloroethane	7.33	117	80686	33.605	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	158626	36.382	ng	90
20) 3+4-Methylphenols	7.25	107	240571	37.073	ng	# 62
22) Acetophenone	7.24	105	335280	41.874	ng	# 96
24) Nitrobenzene	7.42	77	238341	40.773	ng	94
25) Isophorone	7.65	82	436162	40.938	ng	98
26) 2-Nitrophenol	7.73	139	118806	42.264	ng	# 85
27) 2,4-Dimethylphenol	7.77	122	205426	38.697	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	288284	43.419	ng	99
29) 2,4-Dichlorophenol	7.97	162	188474	41.351	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	201258	44.149	ng	99
31) Naphthalene	8.13	128	683118	44.012	ng	99
32) Benzoic acid	7.91	122	107460	24.643	ng	92
33) 4-Chloroaniline	8.19	127	53958	8.325	ng	95
34) Hexachlorobutadiene	8.24	225	104325	44.432	ng	99
35) Caprolactam	8.56	113	44991	30.773	ng	# 80
36) 4-Chloro-3-methylphenol	8.67	107	176670	34.486	ng	94
37) 2-Methylnaphthalene	8.82	142	437339	43.344	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	169912	48.113	ng	98
40) Hexachlorocyclopentadiene	8.97	237	12835	7.953	ng	99

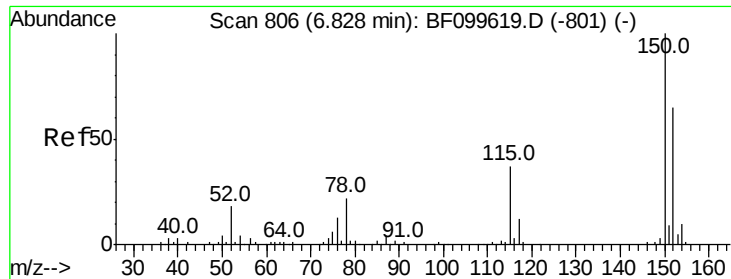
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099648.D
 Acq On : 19 Oct 2017 6:26
 Operator : SJ/JU
 Sample : I5929-04MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 16:23:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	112414	44.932	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	114144	45.704	nq	# 90
45) 1,1'-Biphenyl	9.29	154	486392	47.792	nq	98
46) 2-Chloronaphthalene	9.32	162	365957	47.892	nq	96
47) 2-Nitroaniline	9.42	65	98676	42.174	nq	92
48) Acenaphthylene	9.73	152	533477	45.606	nq	99
49) Dimethylphthalate	9.59	163	435326	48.708	nq	98
50) 2,6-Dinitrotoluene	9.66	165	87791	45.119	nq	# 76
51) Acenaphthene	9.90	154	315127	42.528	nq	99
52) 3-Nitroaniline	9.83	138	51164	22.552	nq	90
53) 2,4-Dinitrophenol	9.95	184	9908	14.896	nq	94
54) Dibenzofuran	10.07	168	461913	46.819	nq	99
55) 4-Nitrophenol	10.00	139	106988	55.770	nq	84
56) 2,4-Dinitrotoluene	10.06	165	100075	39.630	nq	95
57) Fluorene	10.42	166	358947	45.266	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	81332	47.143	nq	94
59) Diethylphthalate	10.28	149	390525	44.717	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	165658	46.506	nq	90
61) 4-Nitroaniline	10.44	138	85083	38.872	nq	83
62) Azobenzene	10.56	77	326951	40.717	nq	90
64) 4,6-Dinitro-2-methylphenol	10.48	198	8936	7.529	nq	# 74
65) n-Nitrosodiphenylamine	10.52	169	312518	46.246	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	89101	46.665	nq	91
67) Hexachlorobenzene	10.96	284	90632	44.443	nq	93
68) Atrazine	11.05	200	92563	45.526	nq	97
69) Pentachlorophenol	11.16	266	122251	96.323	nq	96
70) Phenanthrene	11.37	178	503049	48.178	nq	98
71) Anthracene	11.43	178	510792	47.811	nq	99
72) Carbazole	11.59	167	491040	46.935	nq	99
73) Di-n-butylphthalate	11.90	149	568097	45.113	nq	98
74) Fluoranthene	12.57	202	554515	52.446	nq	98
76) Benzidine	12.69	184	294053	43.376	nq	96
77) Pyrene	12.80	202	572793	40.983	nq	99
79) Butylbenzylphthalate	13.40	149	273362	41.616	nq	90
80) Benzo(a)anthracene	13.99	228	510739	46.018	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	168430	41.397	nq	98
82) Chrysene	14.03	228	487965	46.181	nq	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	376476	41.624	nq	99
84) Di-n-octyl phthalate	14.57	149	693868	47.643	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.94	276	349926	41.399	nq	97
87) Benzo(b)fluoranthene	15.04	252	459029	48.500	nq	98
88) Benzo(k)fluoranthene	15.07	252	423425	45.295	nq	99
89) Benzo(a)pyrene	15.40	252	396774	45.670	nq	97
90) Dibenzo(a,h)anthracene	16.94	278	293873	42.267	nq	96
91) Benzo(g,h,i)perylene	17.39	276	285349	41.519	nq	98

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

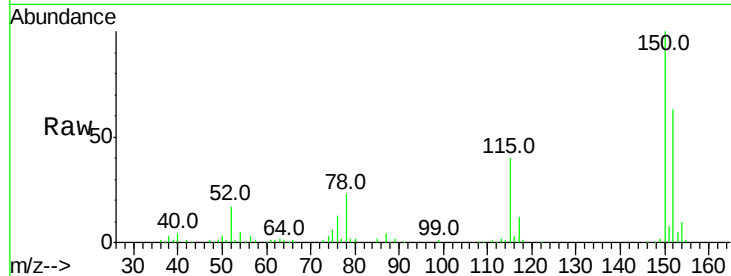


#1

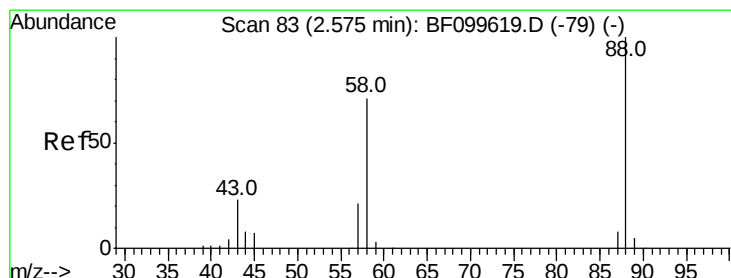
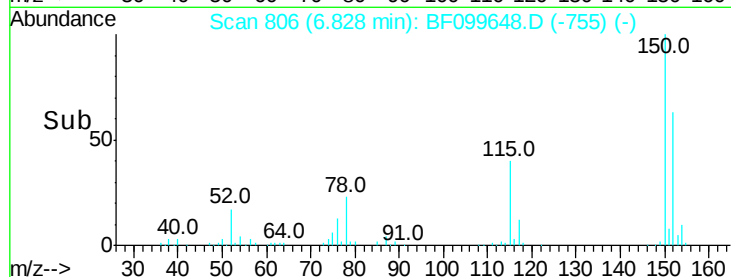
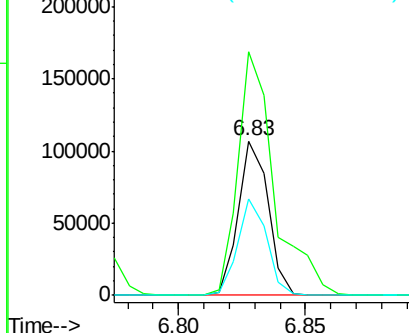
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88123
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 62.5 50.1 75.1



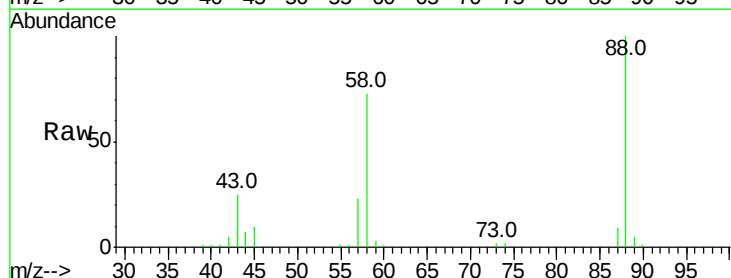
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



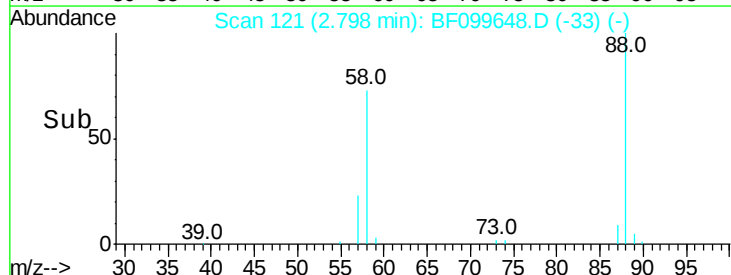
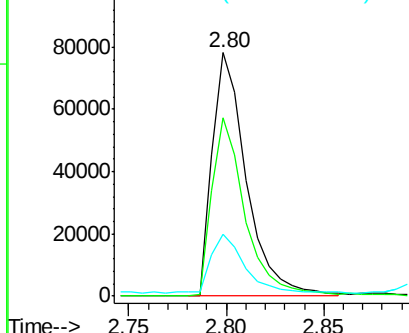
#2

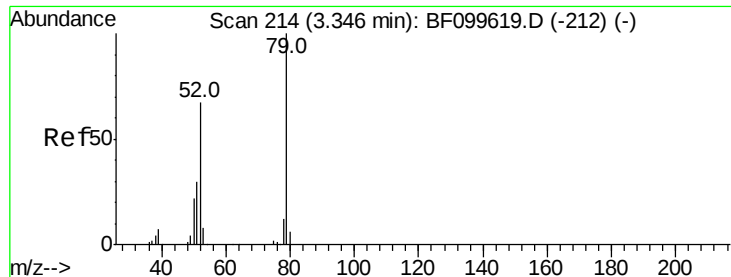
1,4-Dioxane
Concen: 35.924 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.22 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion: 88 Resp: 94996
Ion Ratio Lower Upper
88 100
58 71.1 62.6 93.8
43 0.0 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

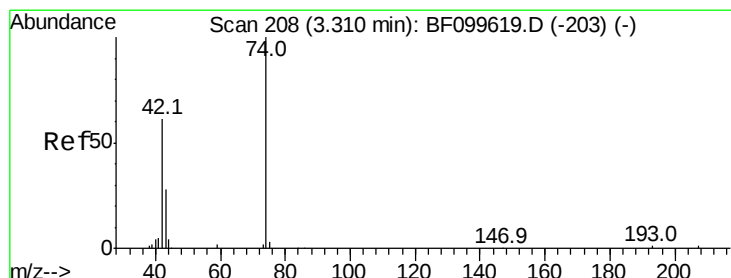
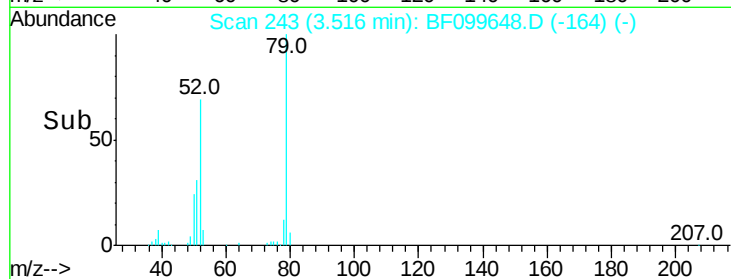
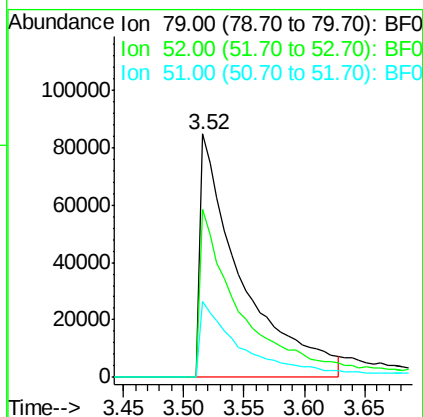
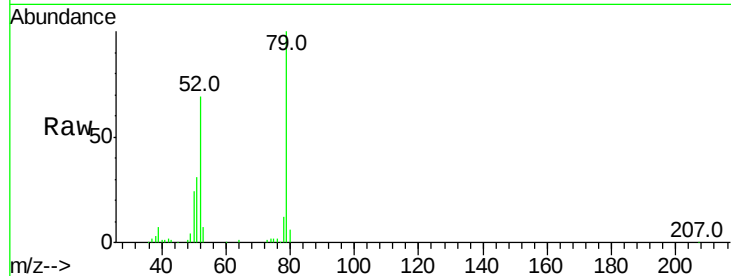




#3
 Pvridine
 Concen: 27.979 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.16 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

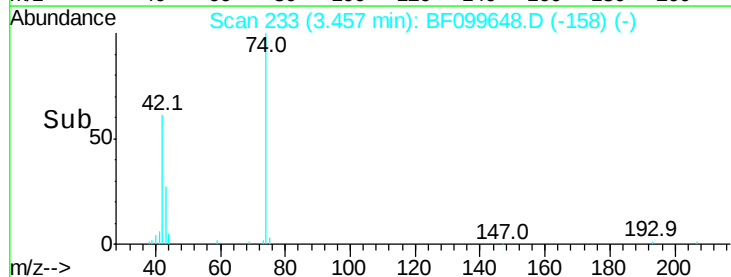
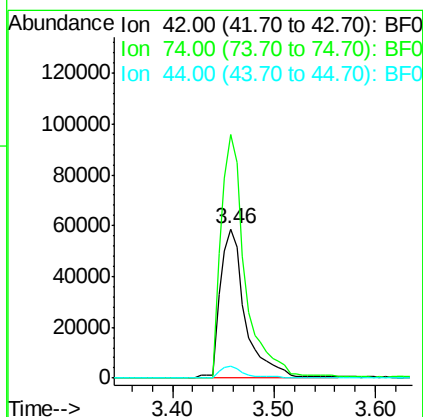
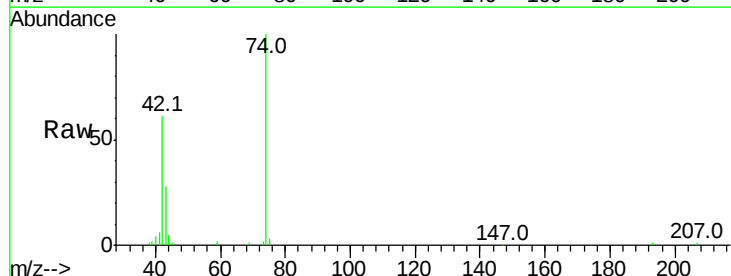
Instrument :
 BNA_F
 ClientSampled :

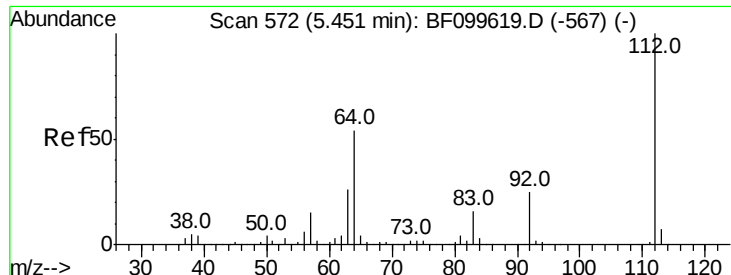
Tot Ion: 79 Resp: 200144
 Ion Ratio Lower Upper
 79 100
 52 68.8 59.8 89.6
 51 31.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 33.325 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.14 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion: 42 Resp: 101088
 Ion Ratio Lower Upper
 42 100
 74 163.4 104.9 157.3#
 44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 118.205 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.03 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampled :

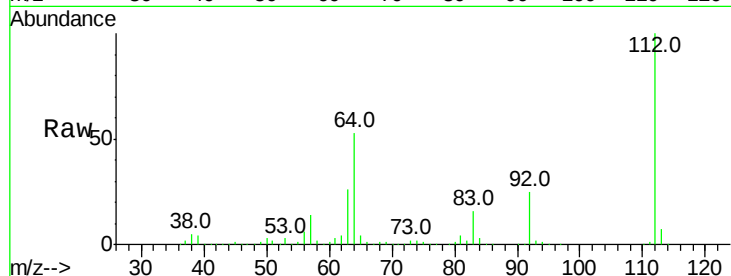
Tot Ion:112 Resp: 654348

Ion Ratio Lower Upper

112 100

64 52.9 47.9 71.9

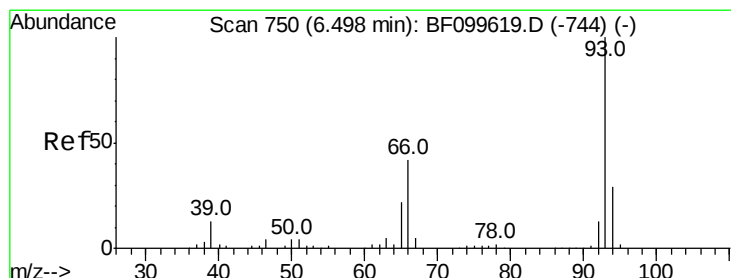
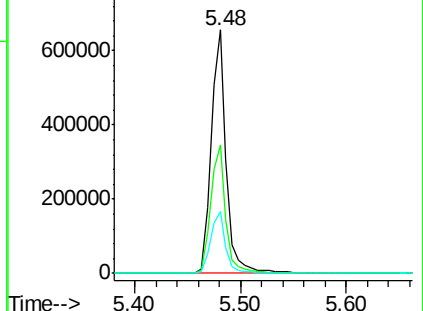
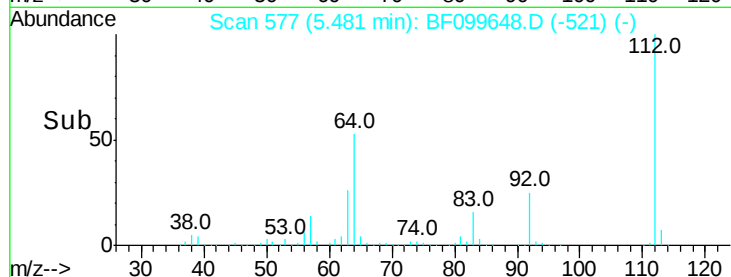
63 25.6 23.7 35.5



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: 11.905 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

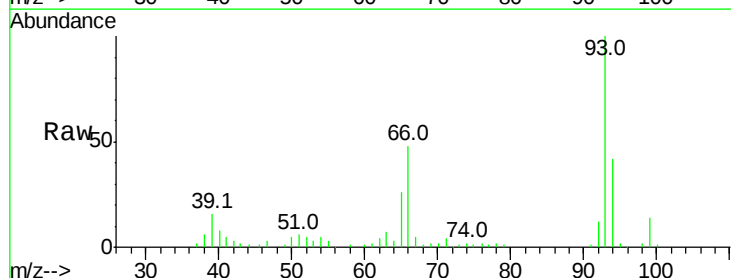
Tgt Ion: 93 Resp: 109726

Ion Ratio Lower Upper

93 100

66 47.8 32.2 48.2

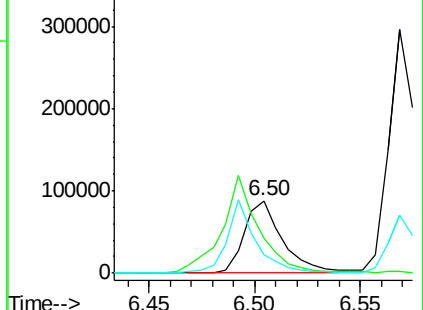
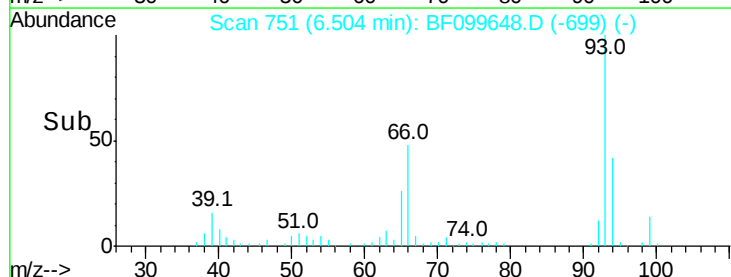
65 26.1 16.4 24.6#

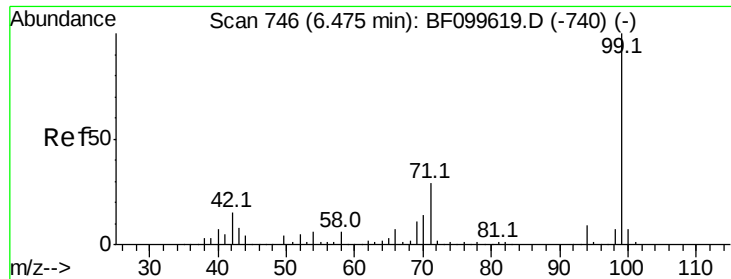


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.725 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

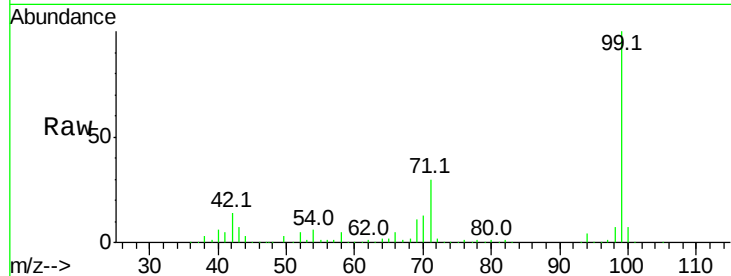
Tot Ion: 99 Resp: 701501

Ion Ratio Lower Upper

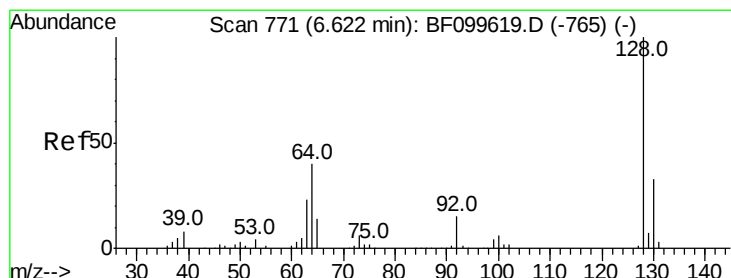
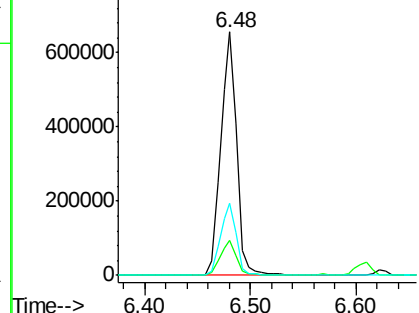
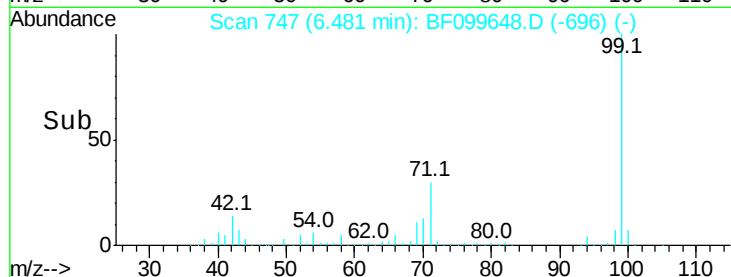
99 100

42 14.3 14.5 21.7#

71 29.5 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: 40.004 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

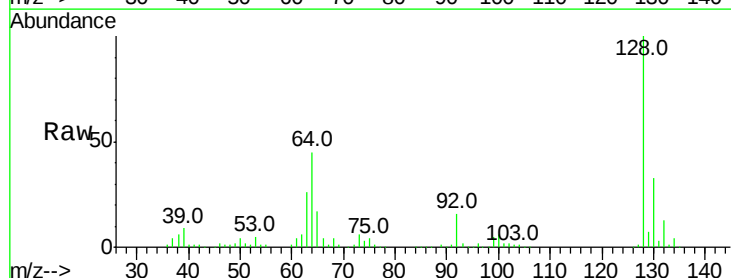
Tgt Ion: 128 Resp: 250784

Ion Ratio Lower Upper

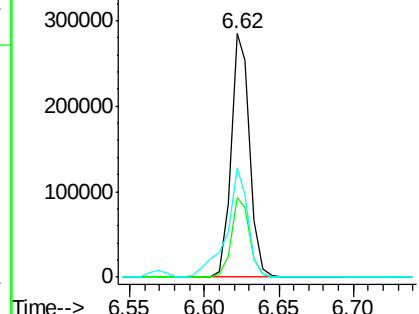
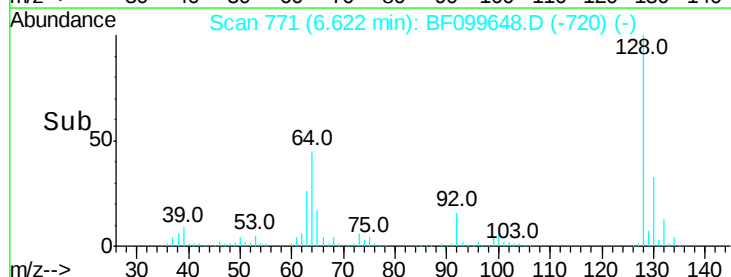
128 100

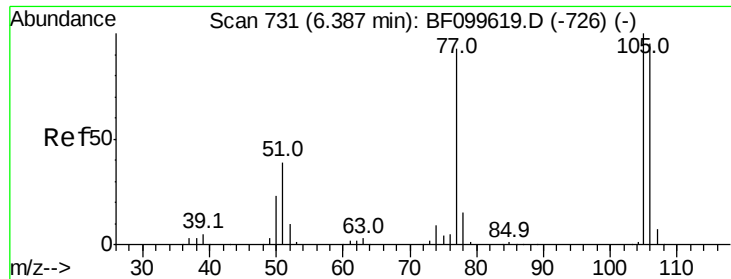
130 32.8 13.0 53.0

64 44.9 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

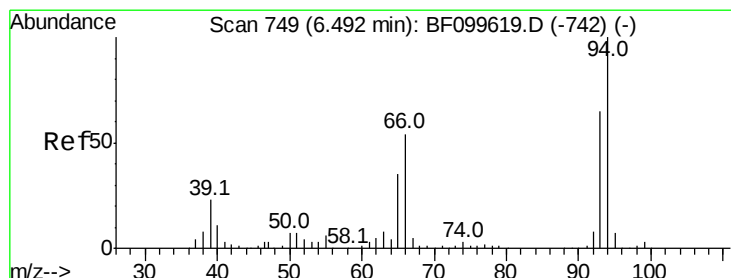
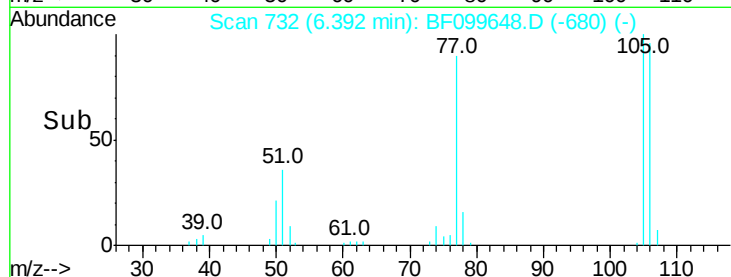
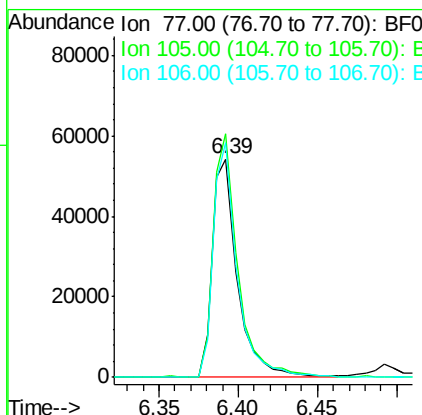
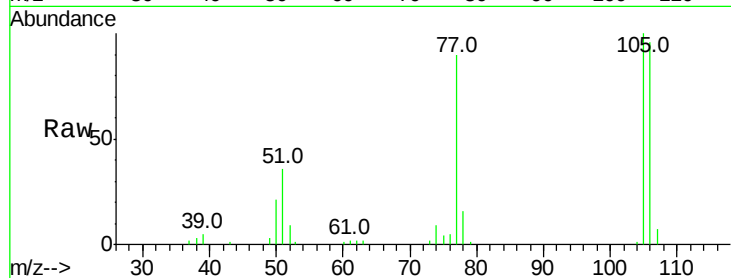




#9
Benzaldehyde
Concen: 15.208 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

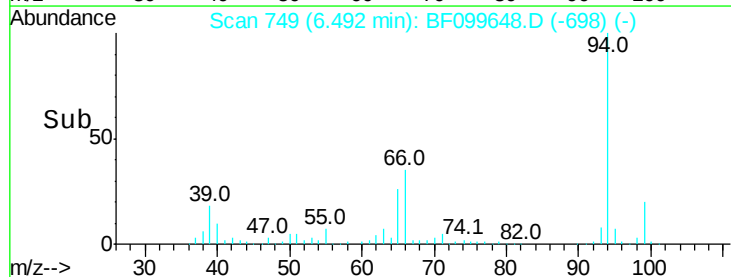
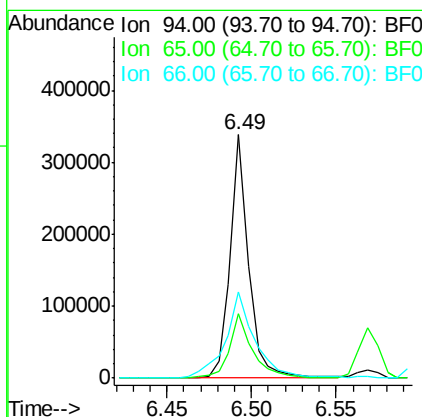
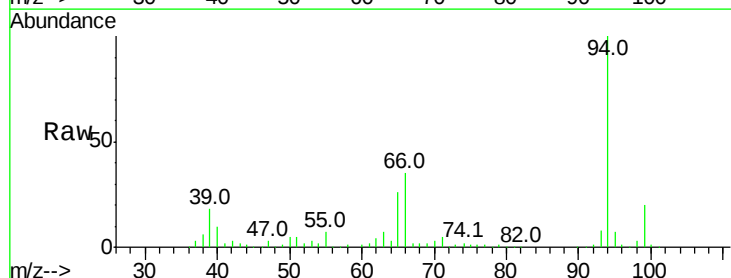
Instrument :
BNA_F
ClientSampleId :

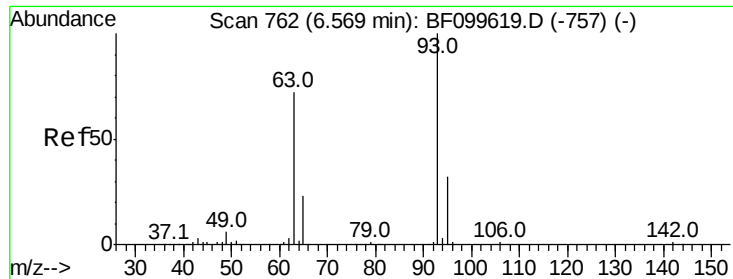
Tot Ion: 77 Resp: 60242
Ion Ratio Lower Upper
77 100
105 111.5 81.1 121.1
106 107.6 74.5 114.5



#10
Phenol
Concen: 33.845 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion: 94 Resp: 258485
Ion Ratio Lower Upper
94 100
65 26.2 7.9 47.9
66 35.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 42.633 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

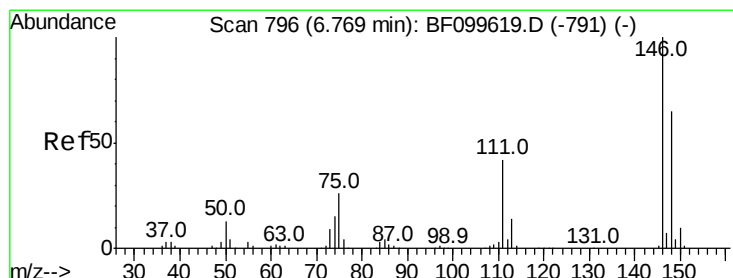
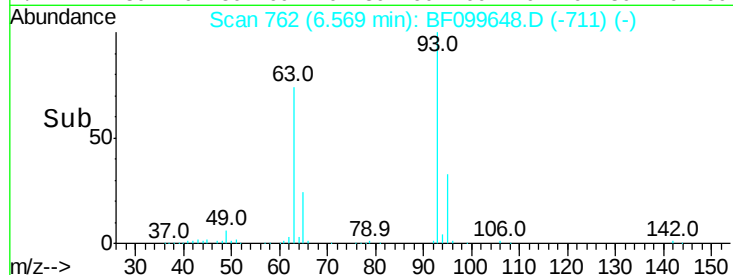
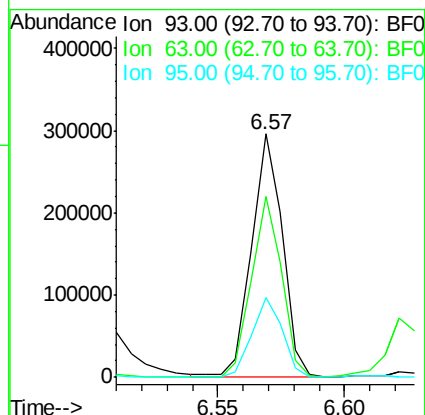
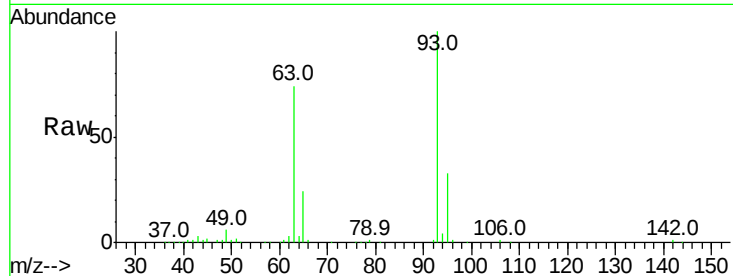
Tot Ion: 93 Resp: 253128

Ion Ratio Lower Upper

93 100

63 74.1 58.6 98.6

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.890 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

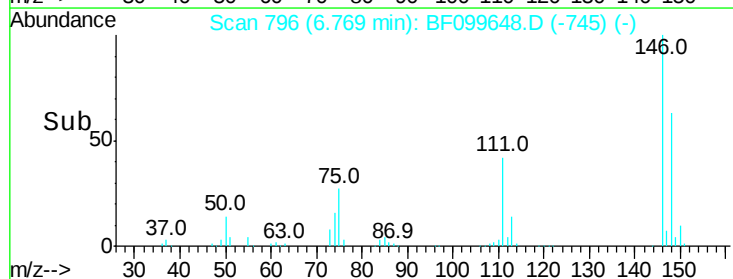
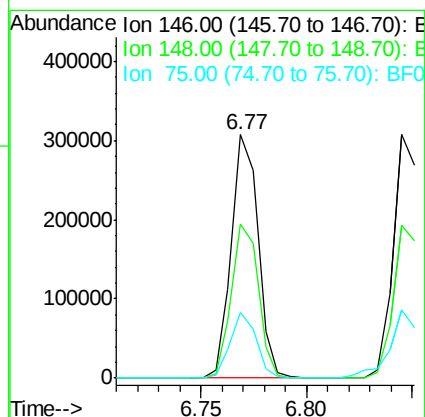
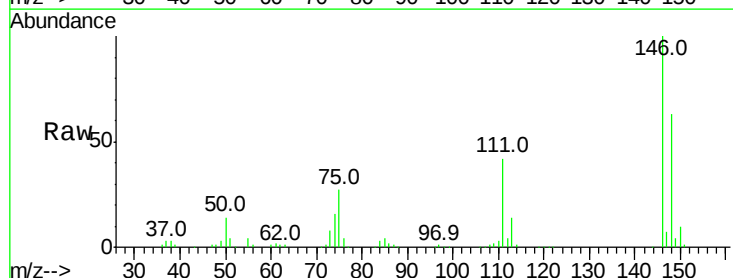
Tgt Ion: 146 Resp: 268456

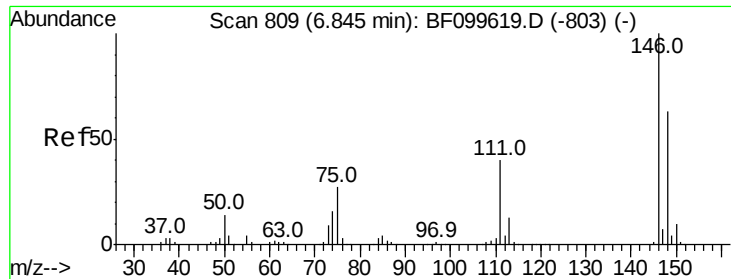
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.8

75 27.0 24.2 36.4

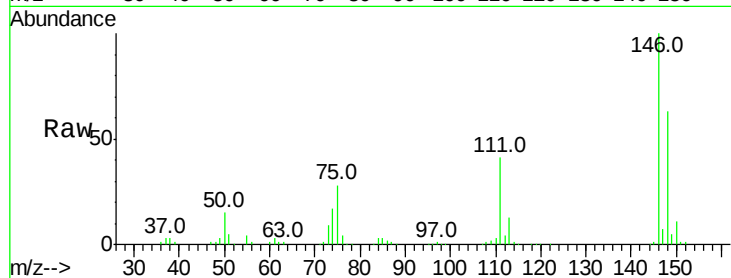




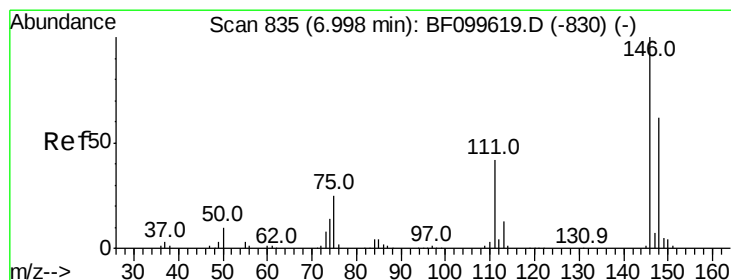
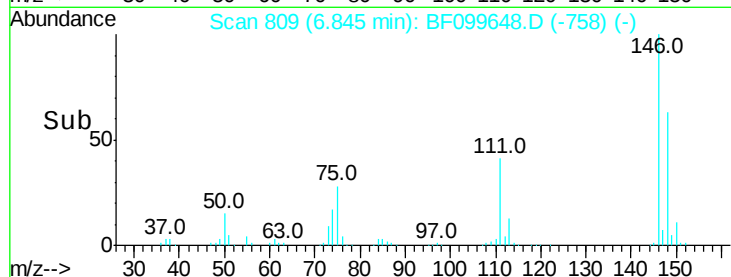
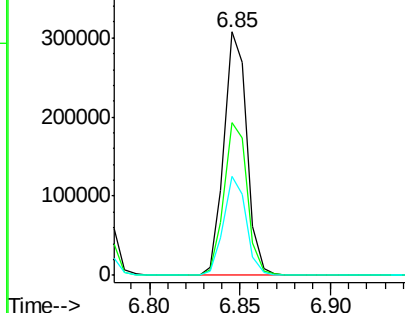
#13
 1,4-Dichlorobenzene
 Concen: 40.700 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 271869
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 40.8 34.2 51.2

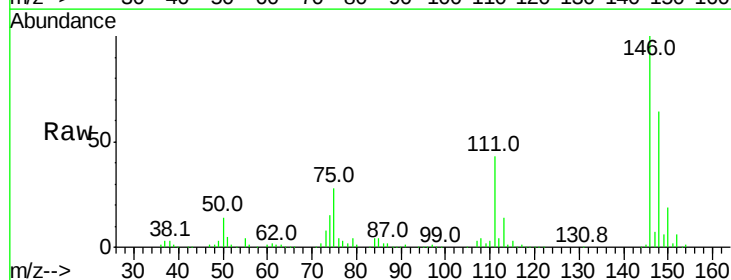


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

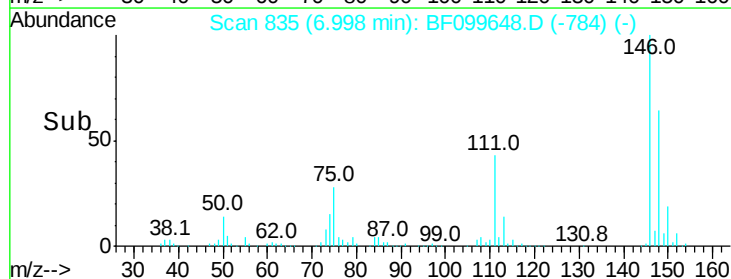
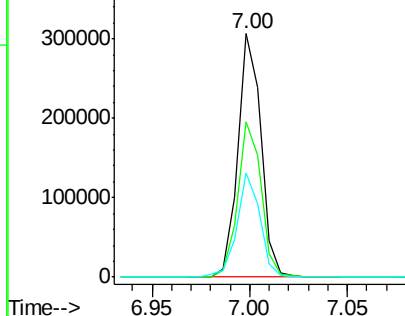


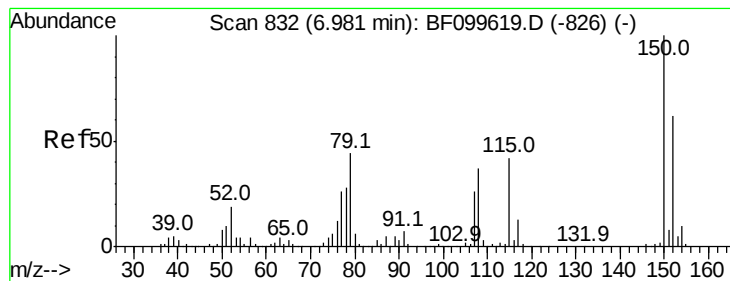
#14
 1,2-Dichlorobenzene
 Concen: 40.703 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:146 Resp: 251224
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 43.0 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: 35.004 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :
BNA_F
ClientSampleId :

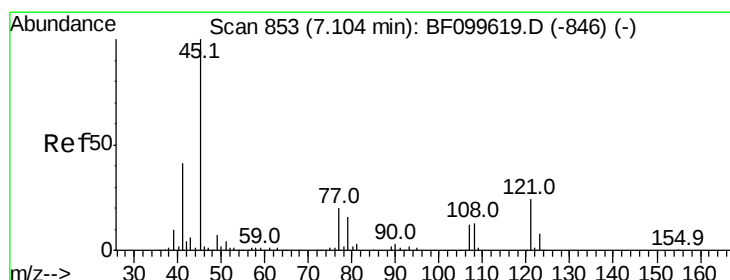
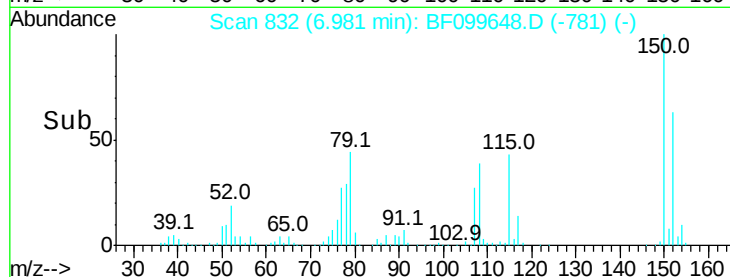
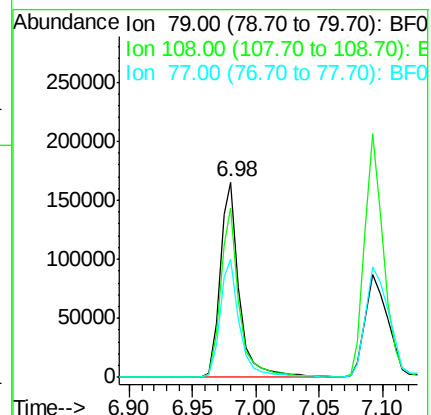
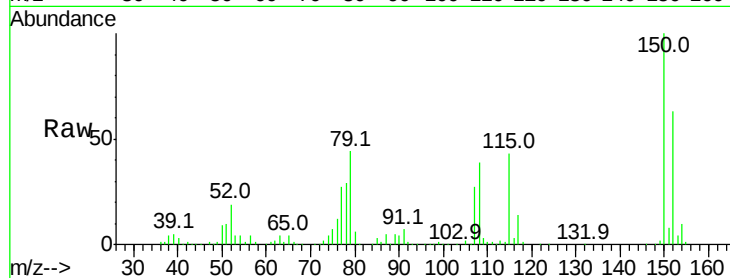
Tot Ion: 79 Resp: 175359

Ion Ratio Lower Upper

79 100

108 86.7 65.1 97.7

77 60.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.904 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

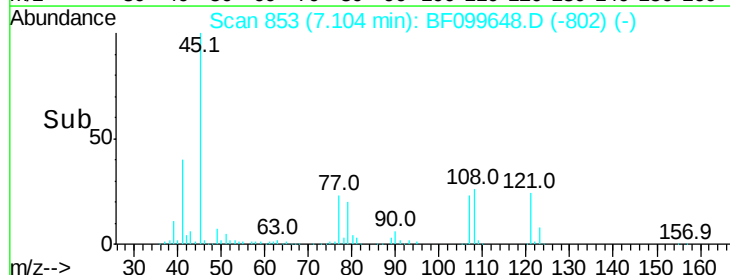
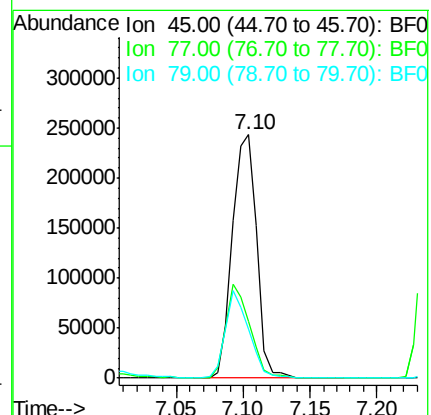
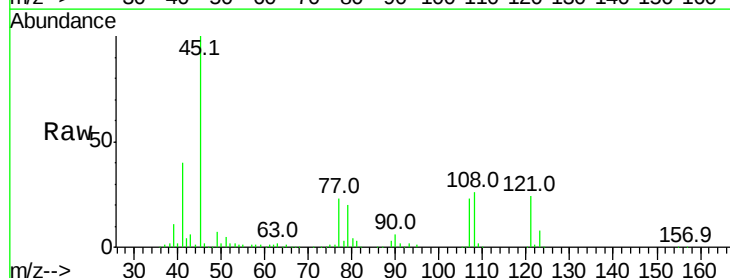
Tgt Ion: 45 Resp: 313624

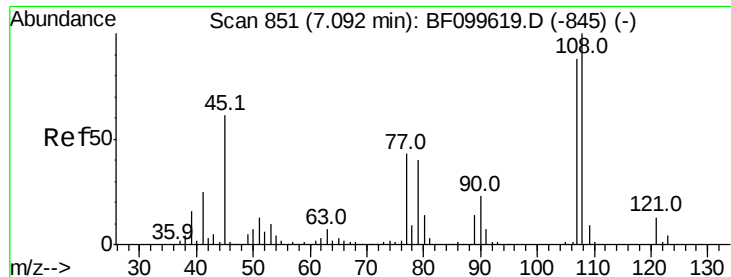
Ion Ratio Lower Upper

45 100

77 23.4 0.0 32.9

79 20.2 0.0 29.6

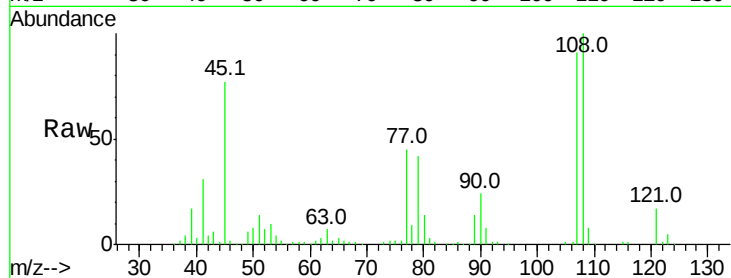




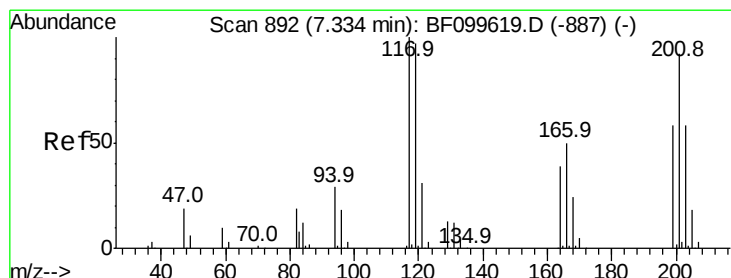
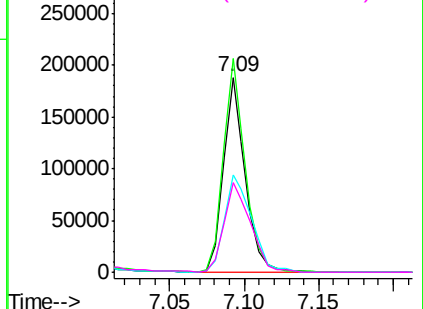
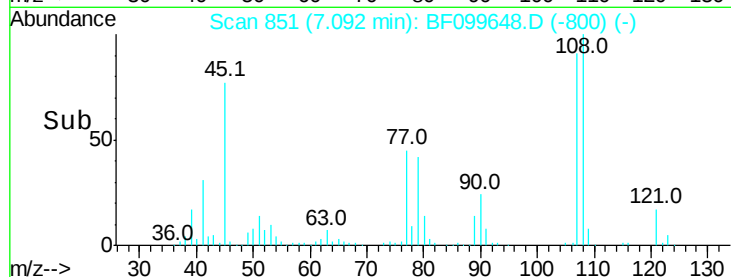
#17
2-Methylphenol
Concen: 37.485 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 192278
Ion Ratio Lower Upper
107 100
108 109.7 91.7 137.5
77 49.8 33.8 50.8
79 46.3 33.8 50.8

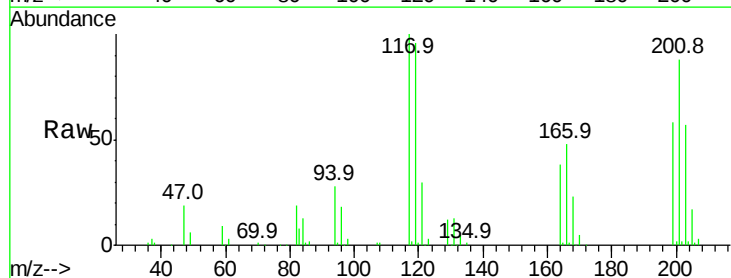


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

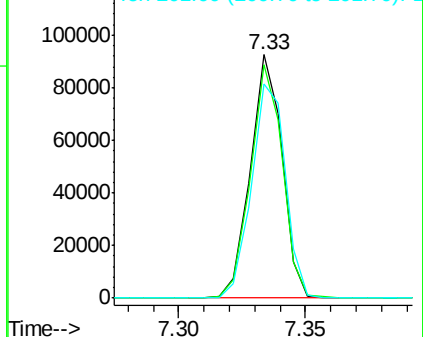
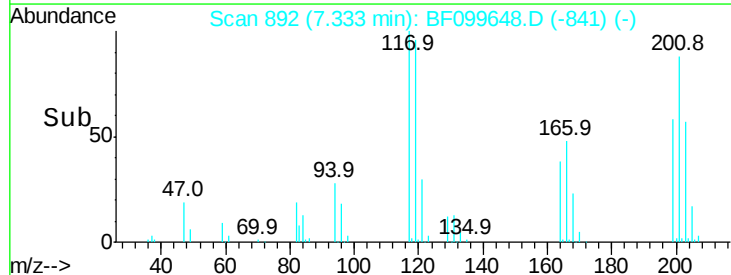


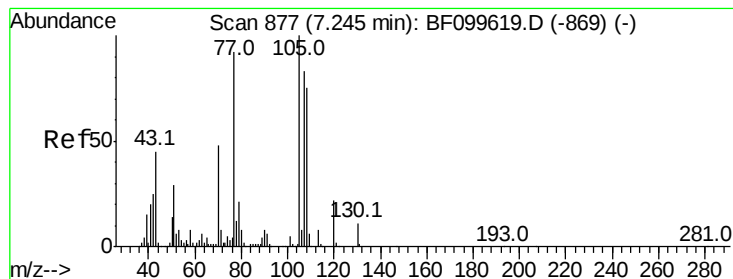
#18
Hexachloroethane
Concen: 33.605 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:117 Resp: 80686
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 88.1 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: 36.382 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 158626

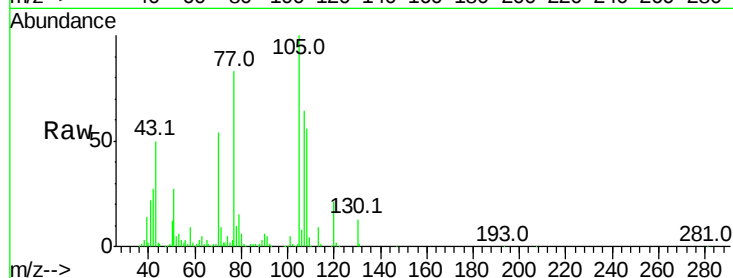
Ion Ratio Lower Upper

70 100

42 50.2 47.5 71.3

101 9.9 7.4 11.2

130 24.3 16.6 25.0

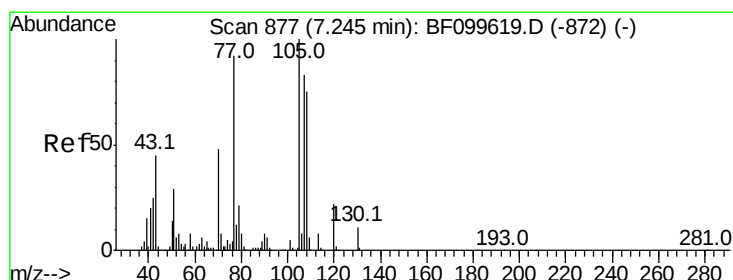
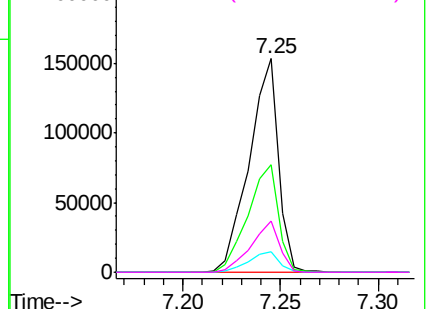
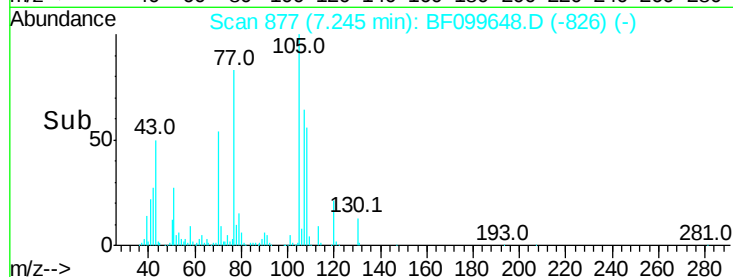


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 37.073 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Tgt Ion: 107 Resp: 240571

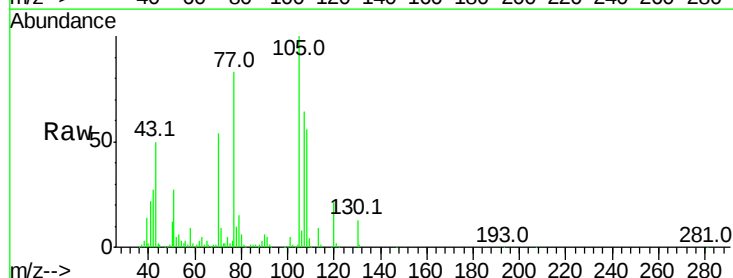
Ion Ratio Lower Upper

107 100

108 87.0 68.2 108.2

77 129.9 26.7 66.7#

79 23.8 6.3 46.3

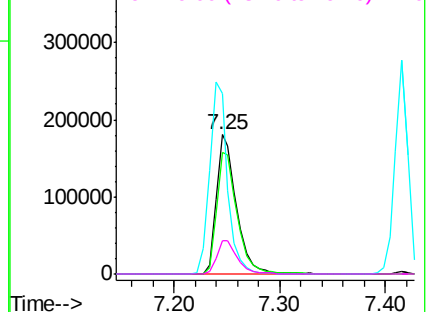
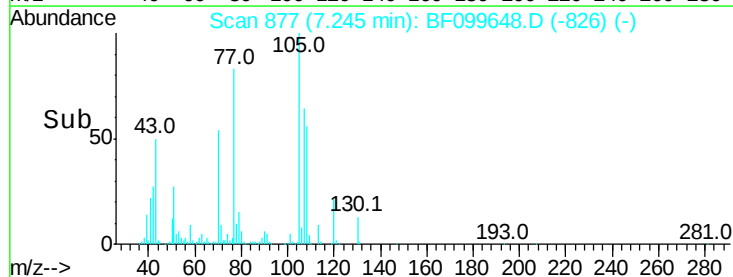


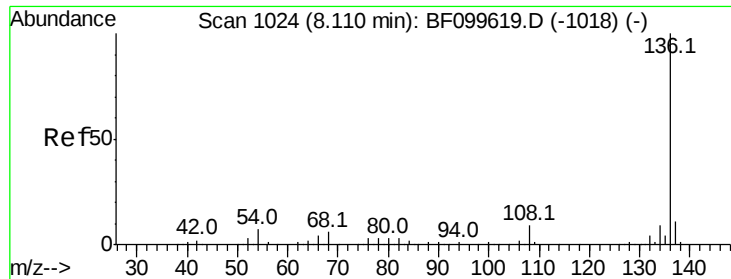
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

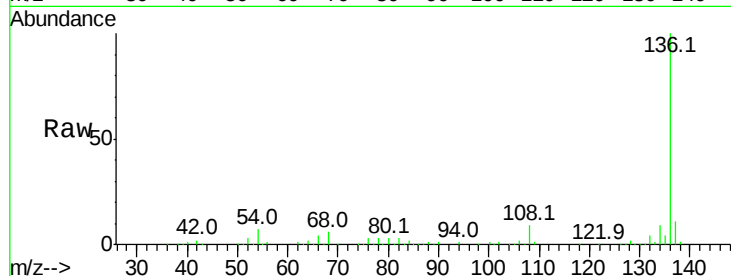




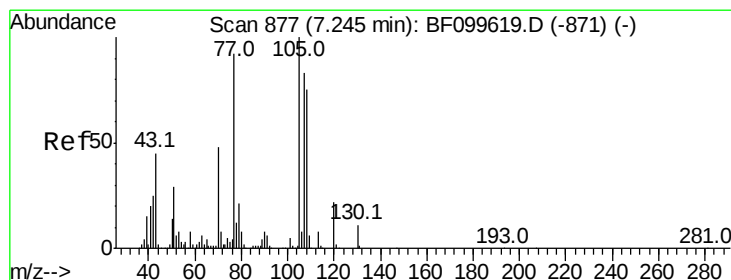
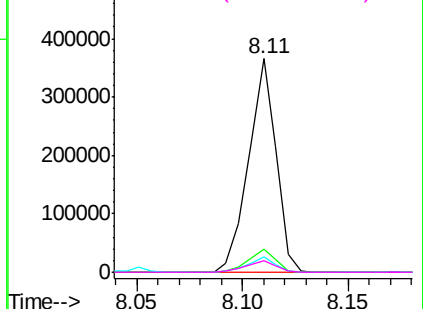
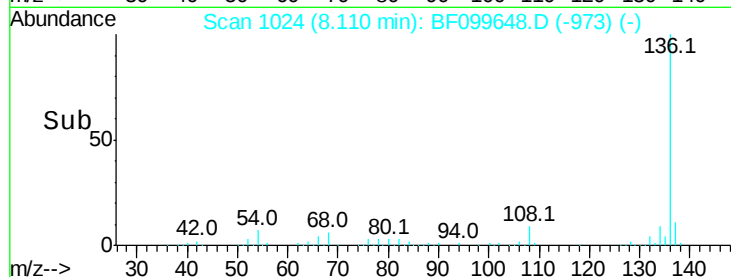
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	330473
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.9	6.6	9.8
68	5.6	5.0	7.4

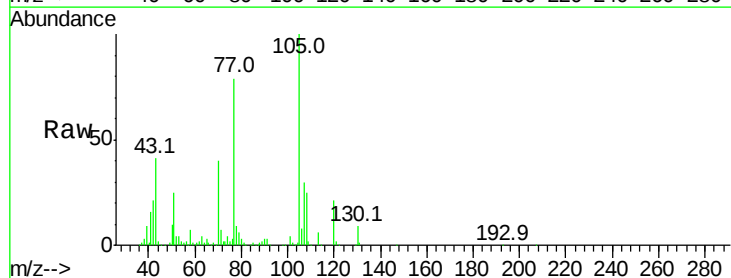


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

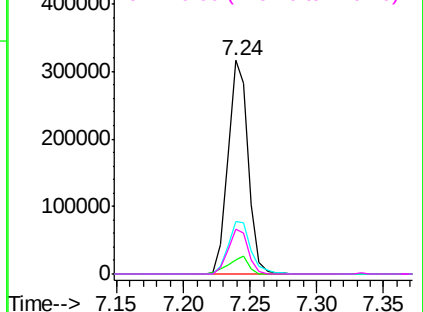
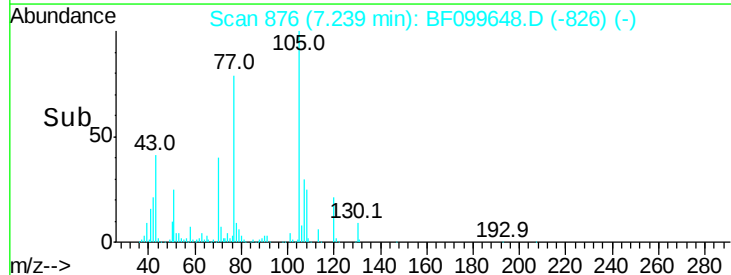


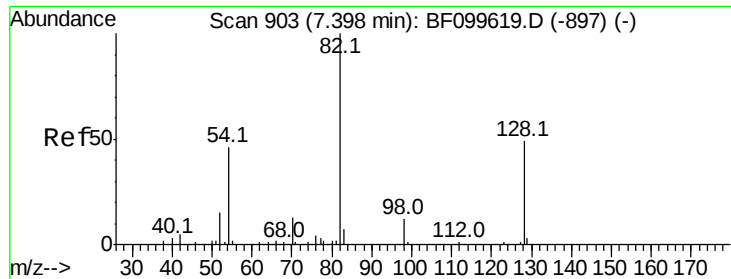
#22
Acetophenone
Concen: 41.874 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:	105	Resp:	335280
Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.4	6.6#
51	24.8	22.3	33.5
120	20.8	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

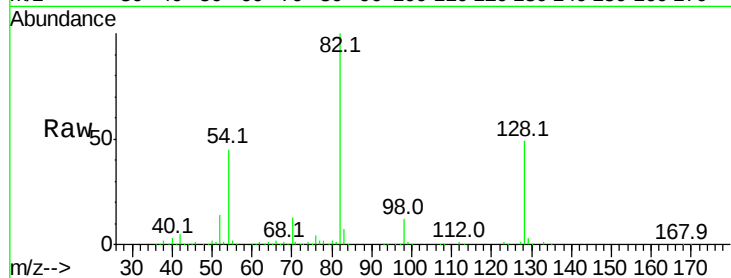




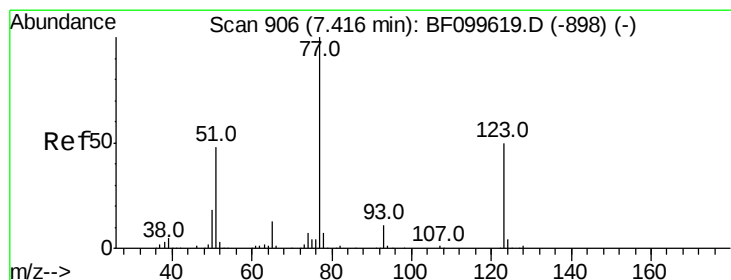
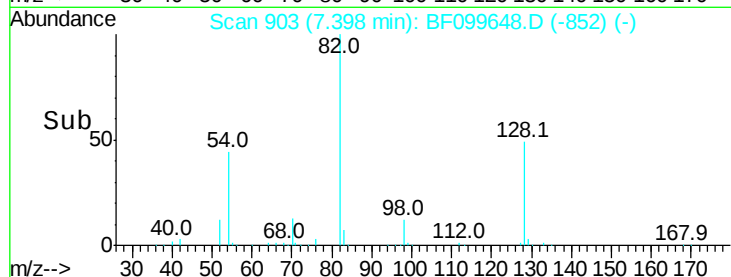
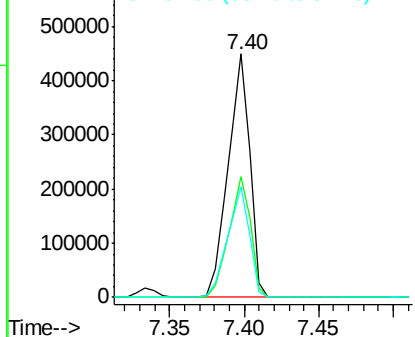
#23
Nitrobenzene-d5
Concen: 90.026 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	463917
Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	45.1	41.4	62.2

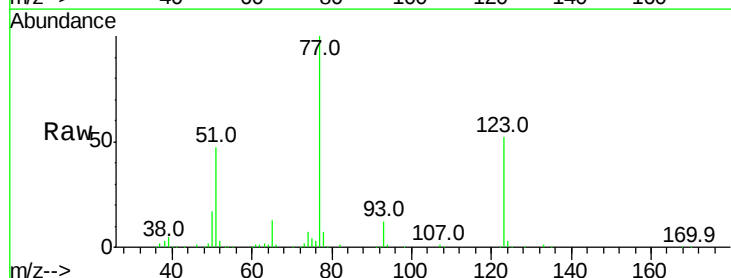


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

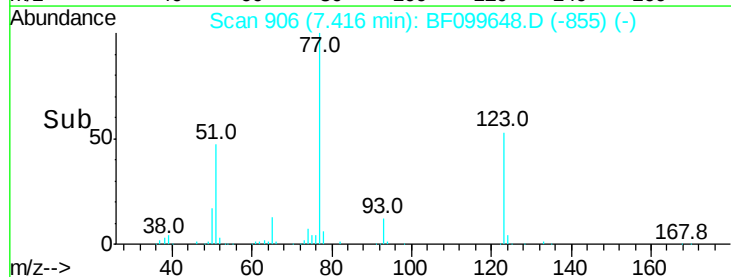
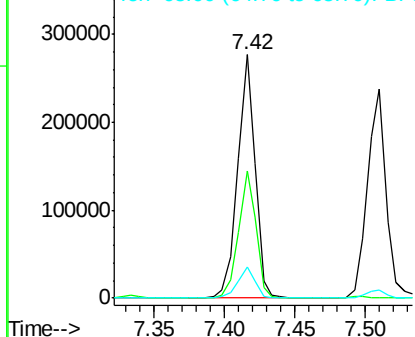


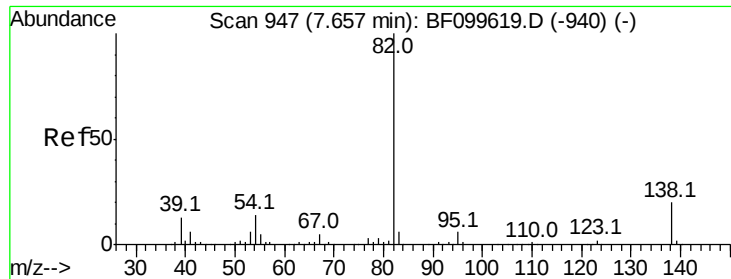
#24
Nitrobenzene
Concen: 40.773 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion	77	Resp	238341
Ion	Ratio	Lower	Upper
77	100		
123	52.3	37.9	56.9
65	12.5	11.0	16.4



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





#25

Isophorone

Concen: 40.938 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

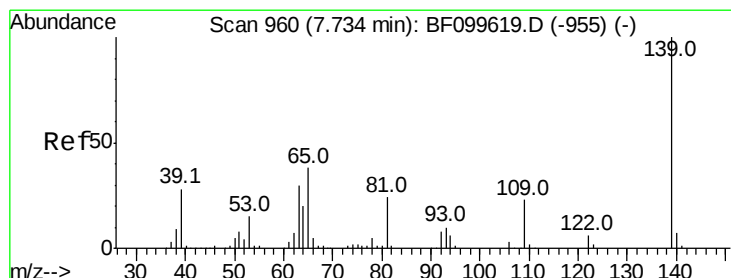
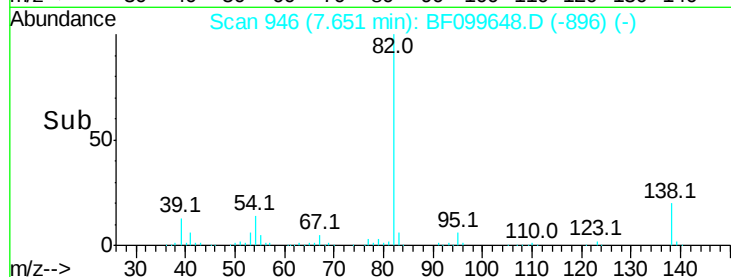
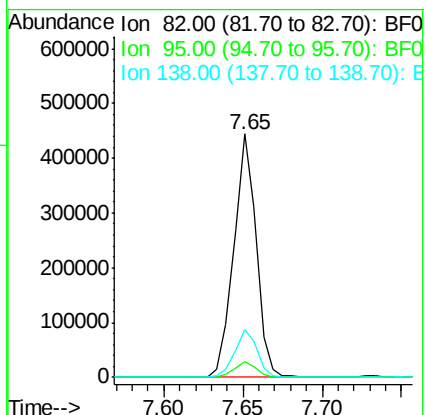
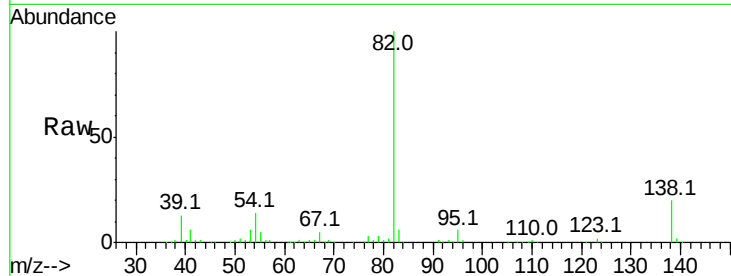
Tot Ion: 82 Resp: 436162

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 42.264 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

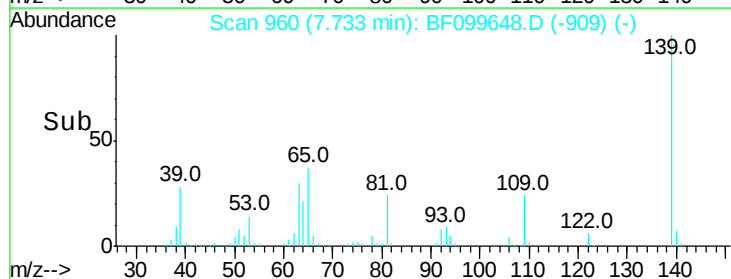
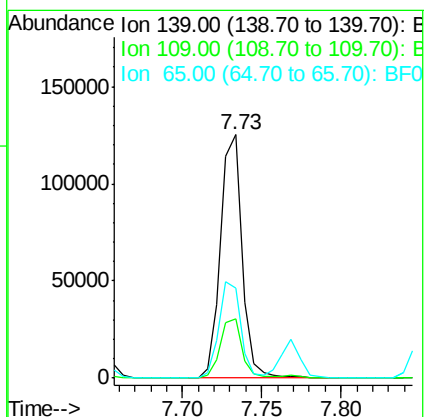
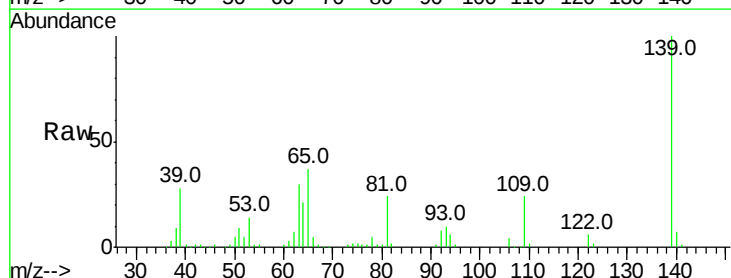
Tgt Ion: 139 Resp: 118806

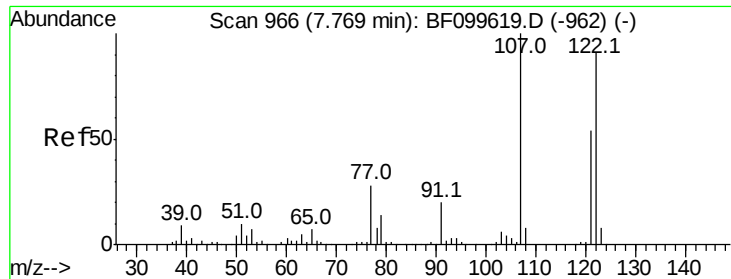
Ion Ratio Lower Upper

139 100

109 24.1 22.7 34.1

65 37.1 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 38.697 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

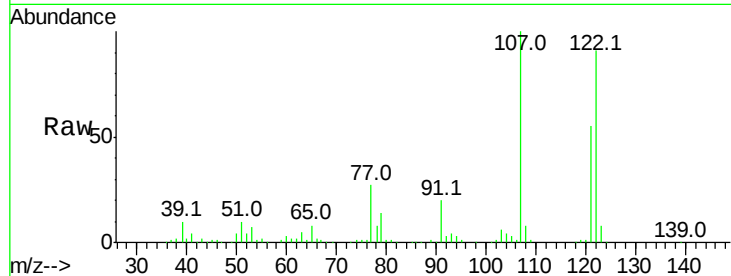
Tot Ion:122 Resp: 205426

Ion Ratio Lower Upper

122 100

107 109.9 91.2 136.8

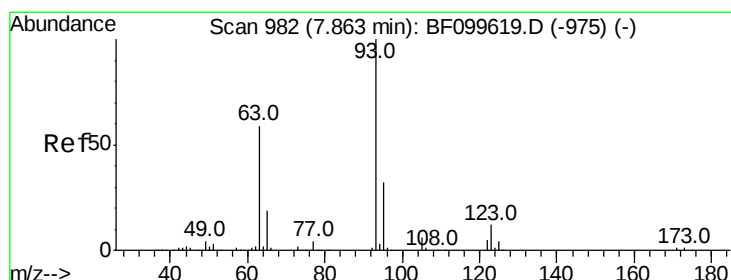
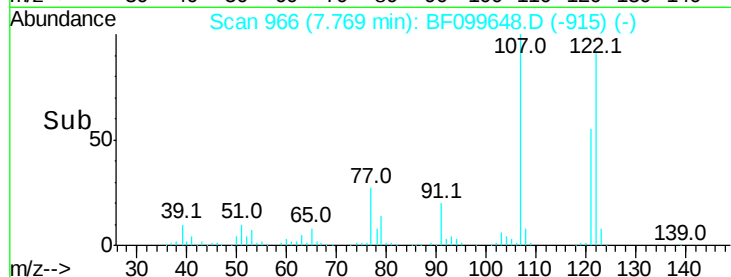
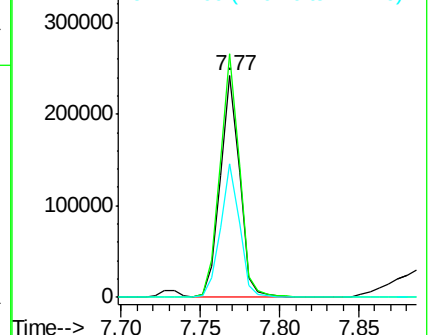
121 60.4 47.2 70.8



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: 43.419 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

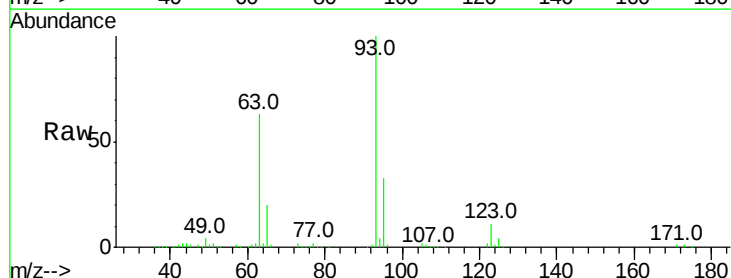
Tgt Ion: 93 Resp: 288284

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

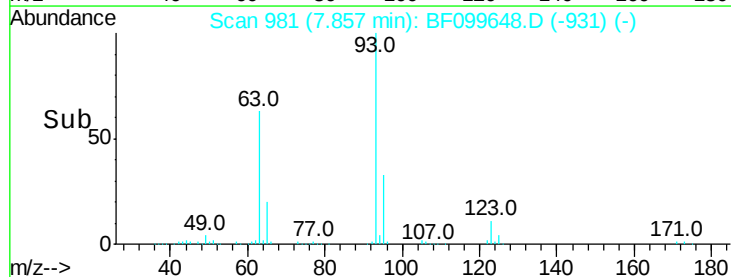
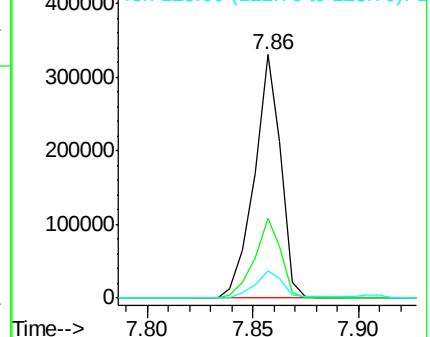
123 11.2 9.8 14.6

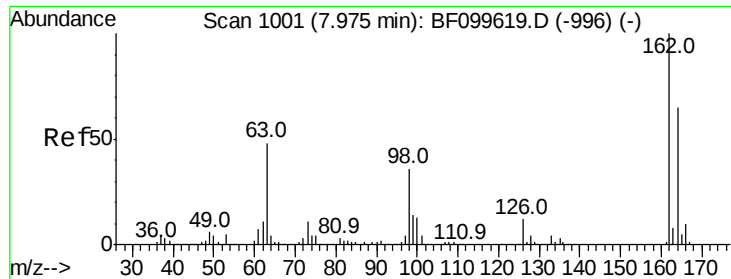


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

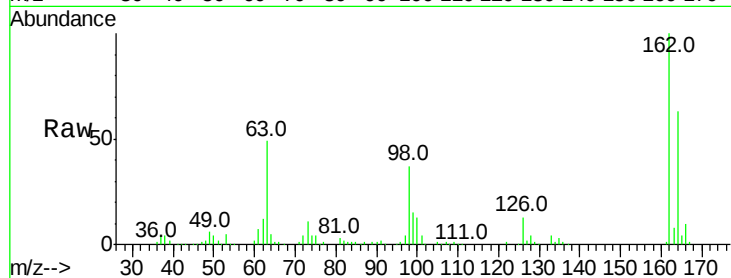




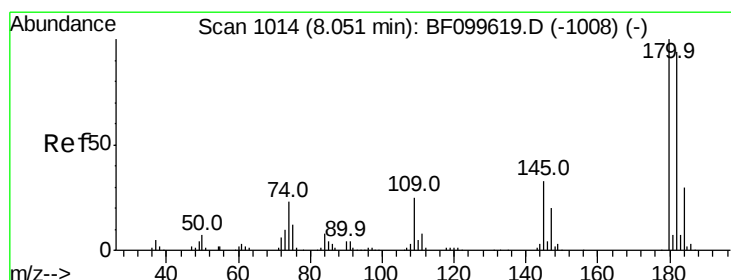
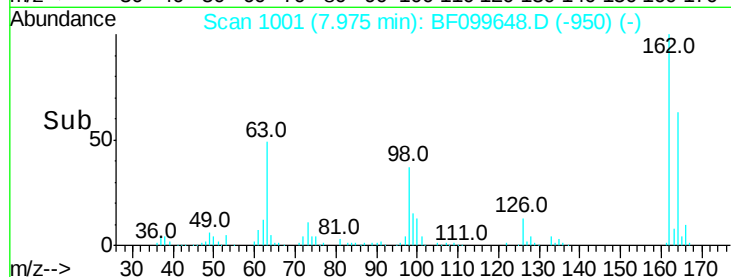
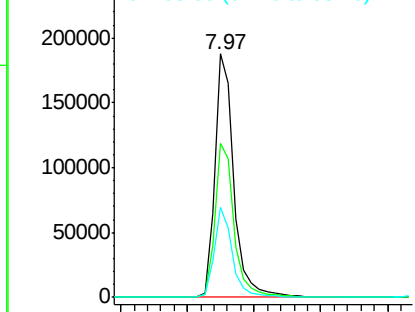
#29
 2,4-Dichlorophenol
 Concen: 41.351 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	37.2	18.1	58.1

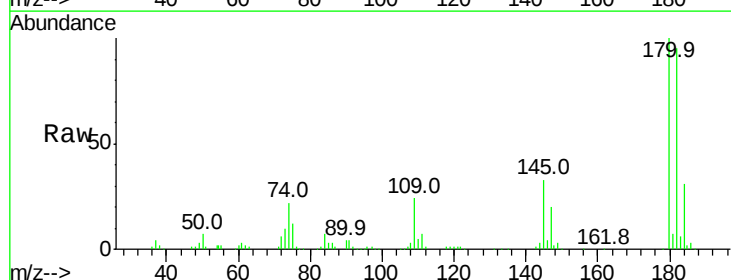


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

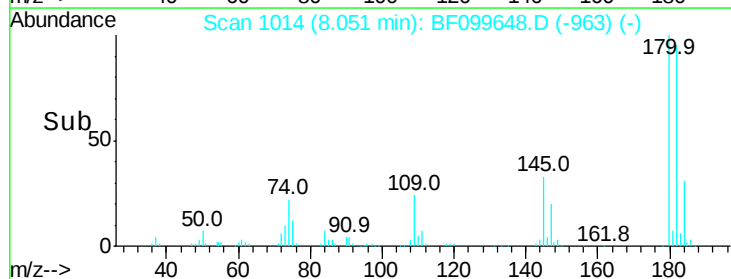
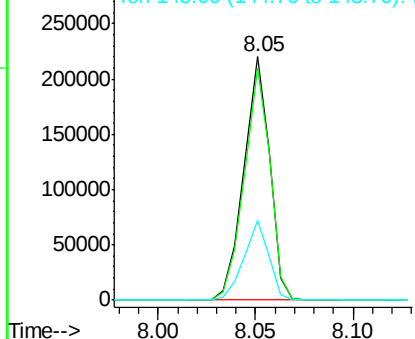


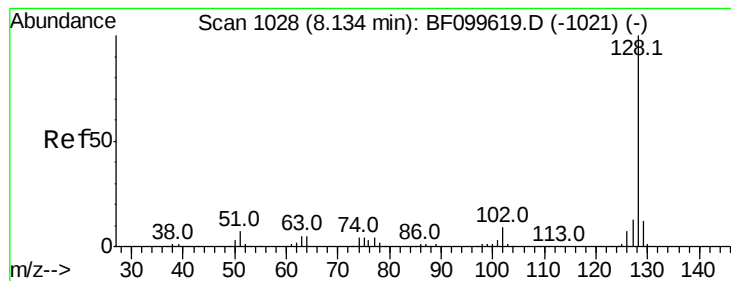
#30
 1,2,4-Trichlorobenzene
 Concen: 44.149 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	32.8	26.5	39.7



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





#31

Naphthalene

Concen: 44.012 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

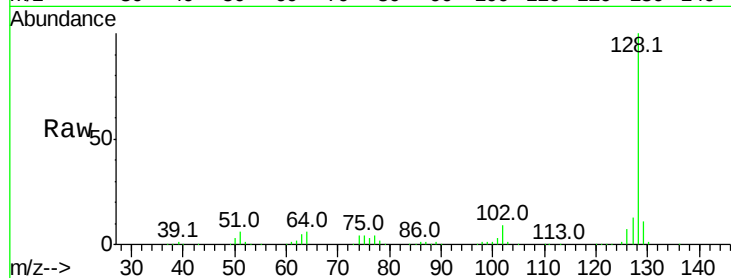
Tot Ion:128 Resp: 683118

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

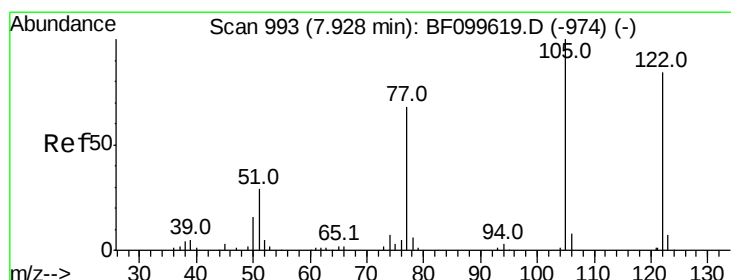
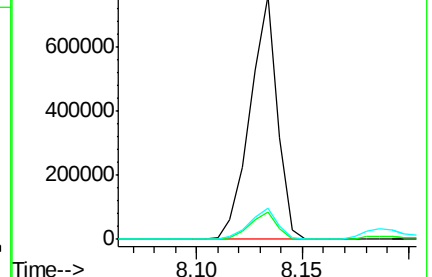
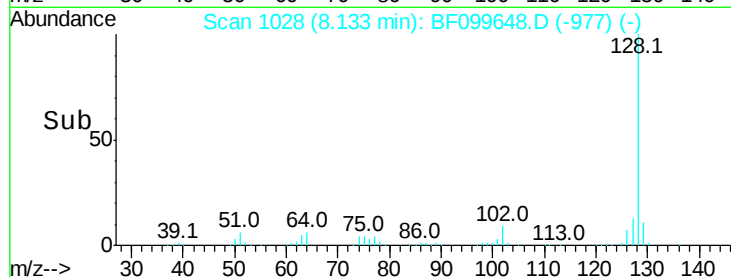
127 12.9 10.9 16.3



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: 24.643 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

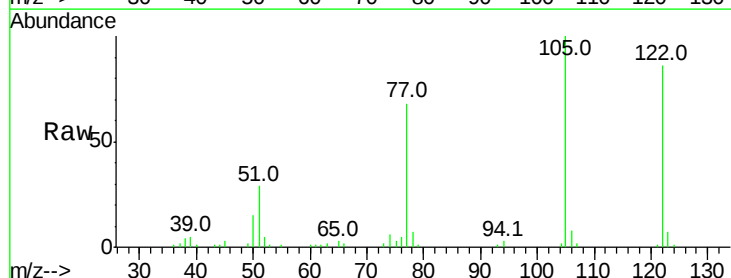
Tgt Ion:122 Resp: 107460

Ion Ratio Lower Upper

122 100

105 115.9 101.1 141.1

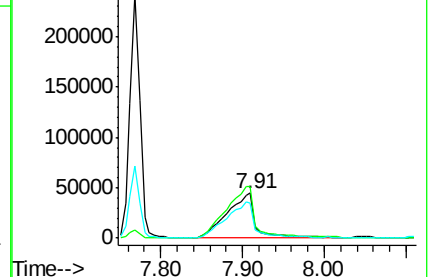
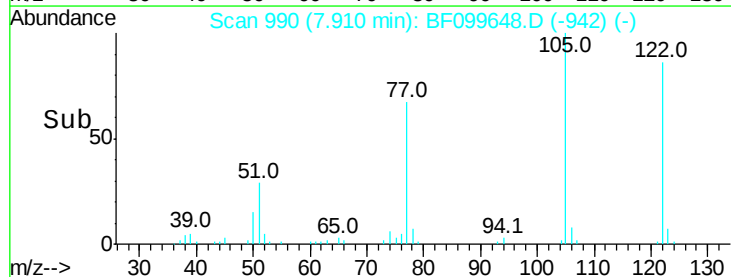
77 78.7 70.7 110.7

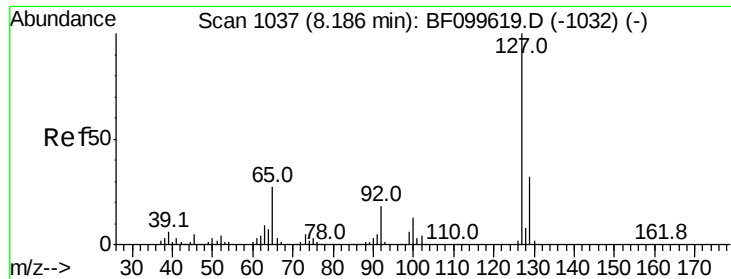


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

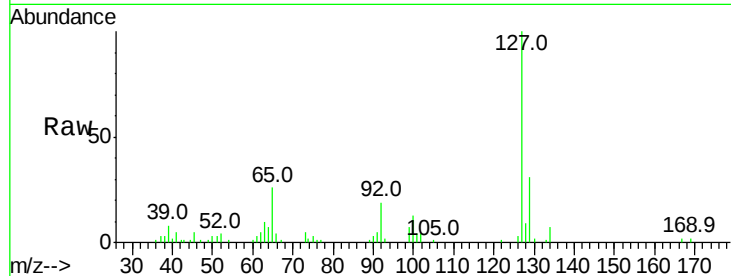




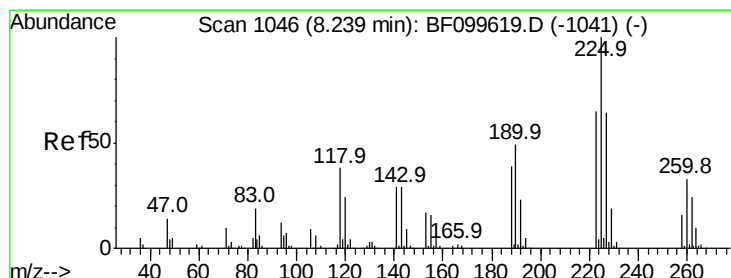
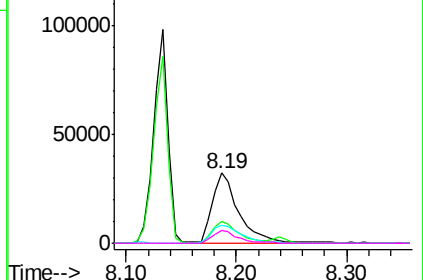
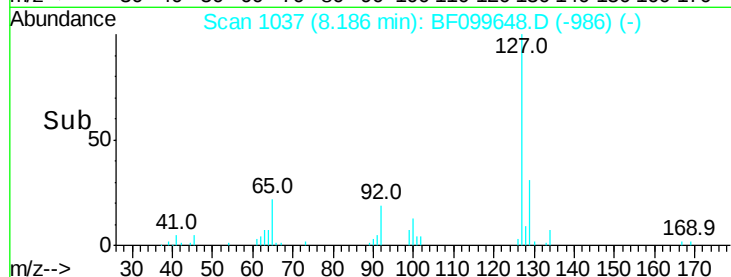
#33
4-Chloroaniline
Concen: 8.325 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	53958
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.9	38.9
65	25.9	25.0	37.4
92	18.7	15.2	22.8

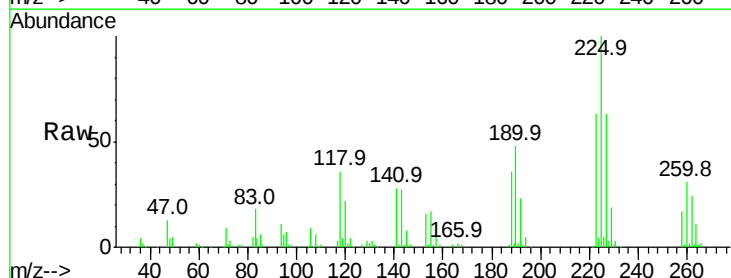


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

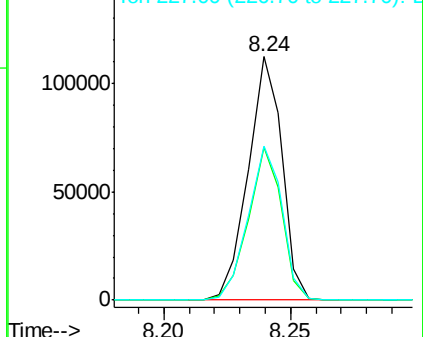
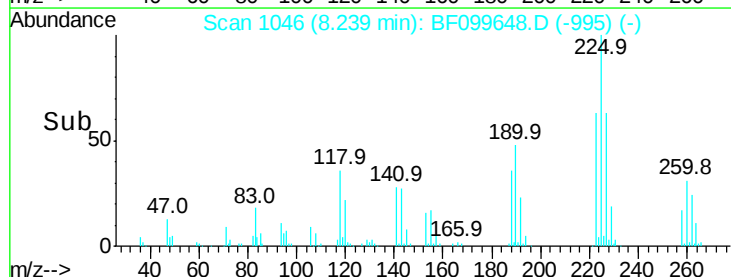


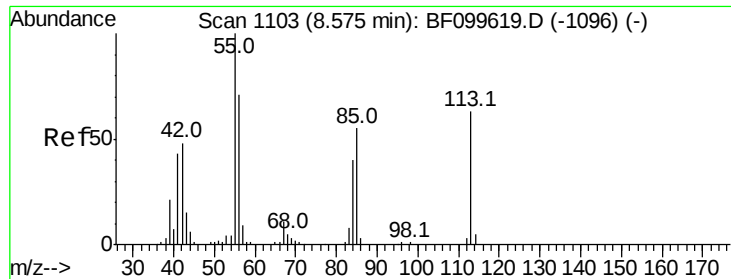
#34
Hexachlorobutadiene
Concen: 44.432 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:	225	Resp:	104325
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.1	51.9	77.9



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

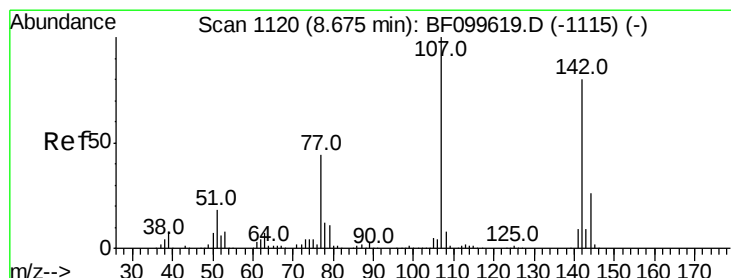
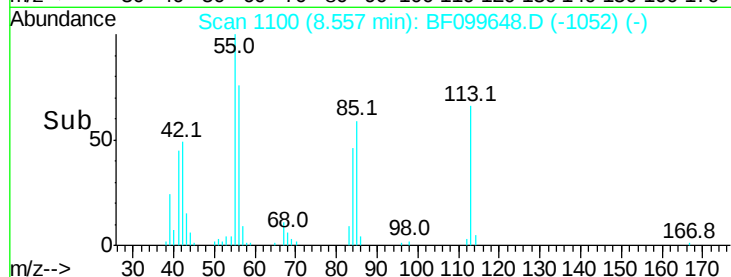
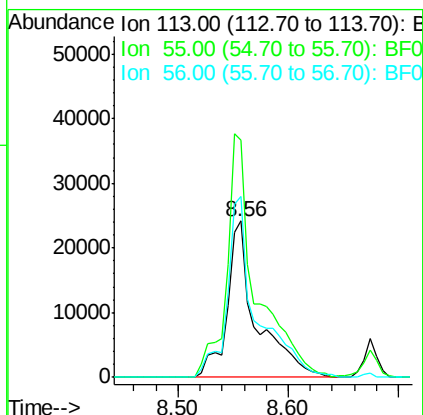
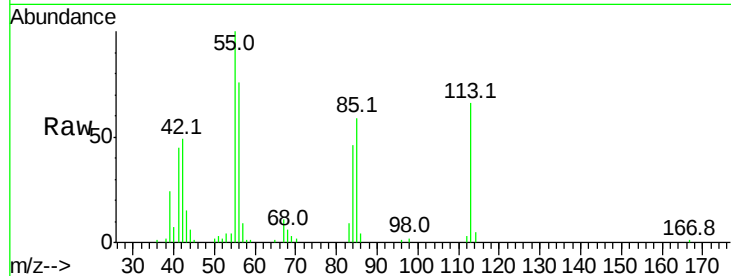




#35
 Caprolactam
 Concen: 30.773 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

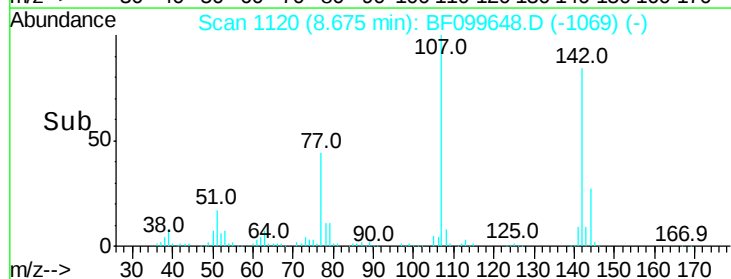
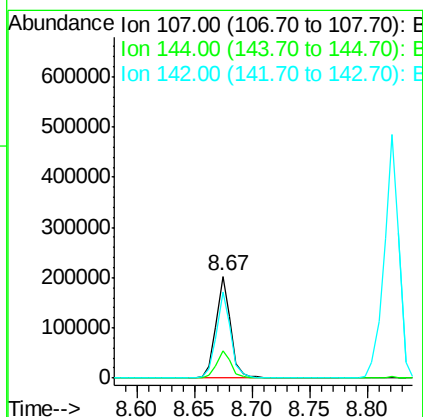
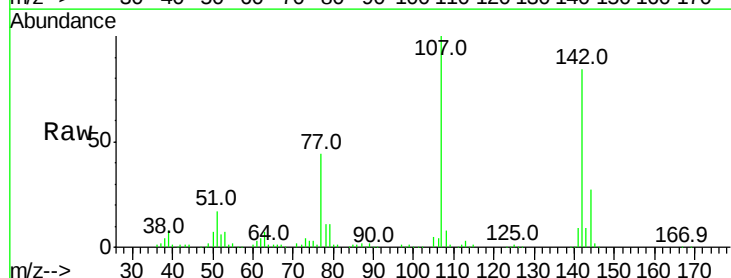
Instrument :
 BNA_F
 ClientSampled :

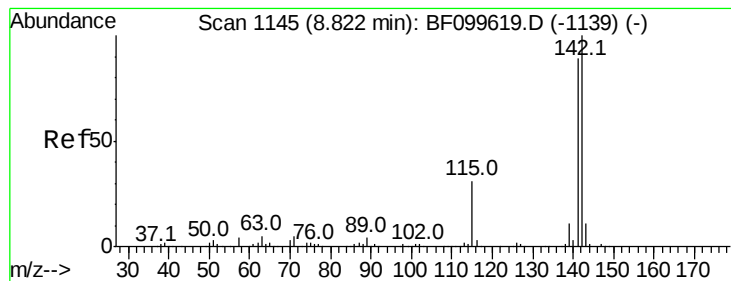
Tot Ion:113 Resp: 44991
 Ion Ratio Lower Upper
 113 100
 55 152.0 163.3 203.3#
 56 115.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.486 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:107 Resp: 176670
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 84.0 62.0 93.0

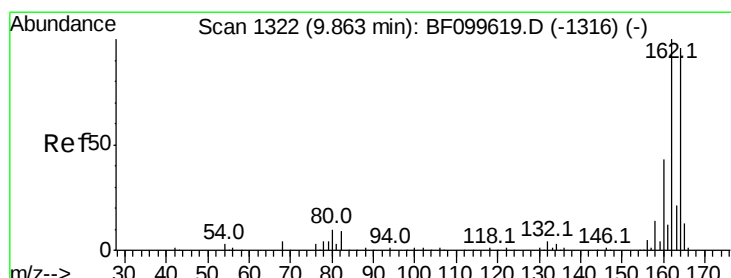
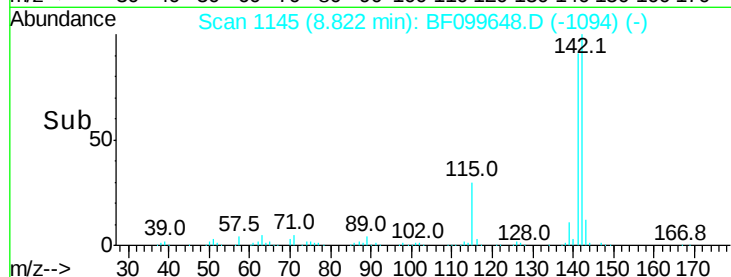
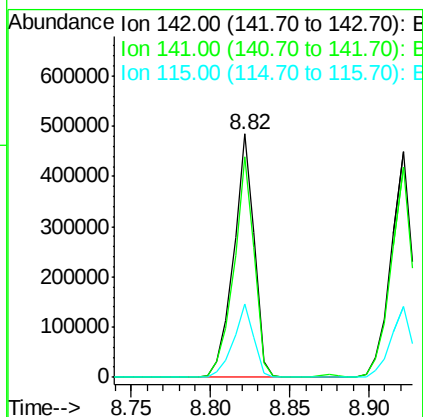
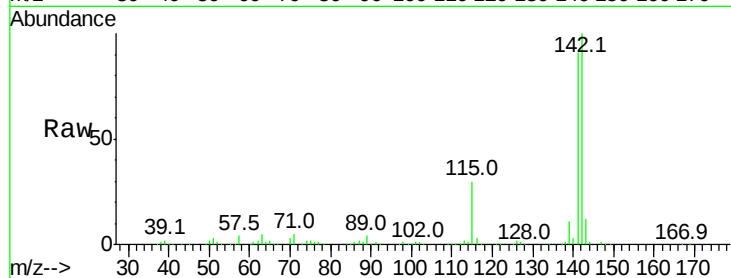




#37
2-Methylnaphthalene
Concen: 43.344 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

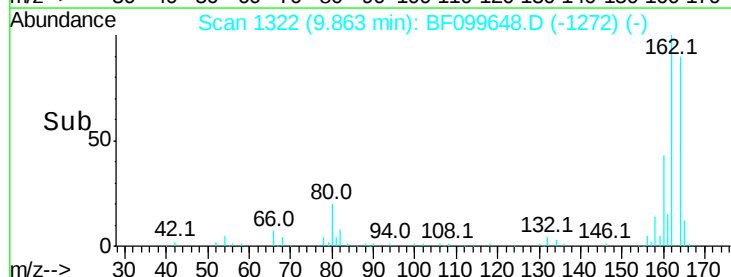
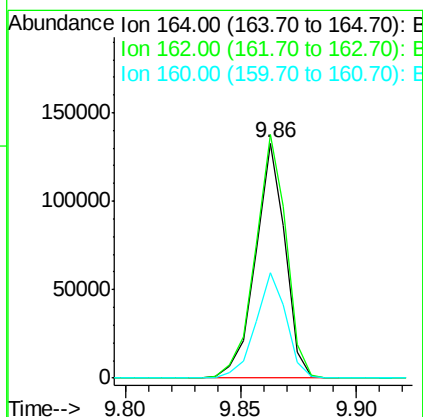
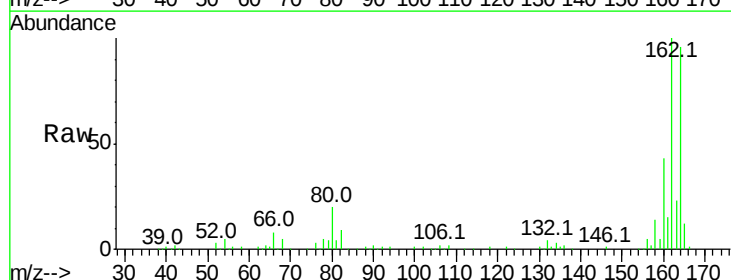
Instrument :
BNA_F
ClientSampleId :

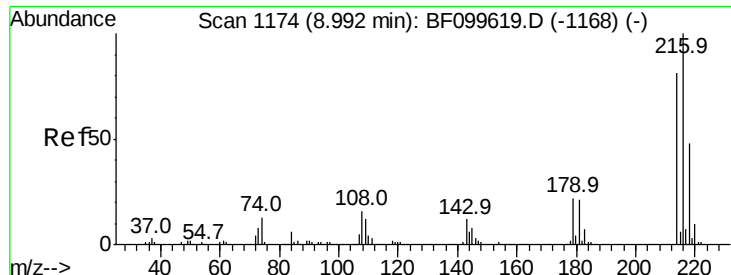
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	30.2	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	44.7	38.3	57.5

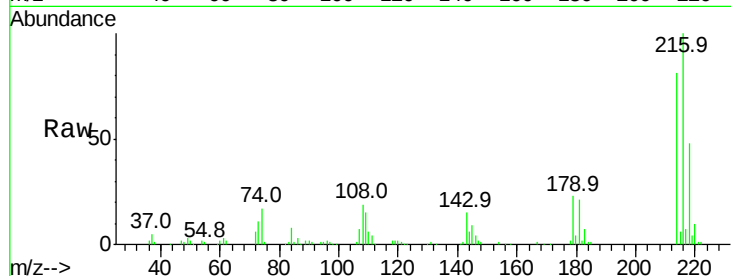




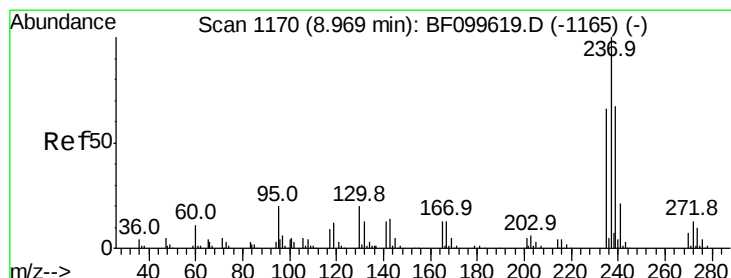
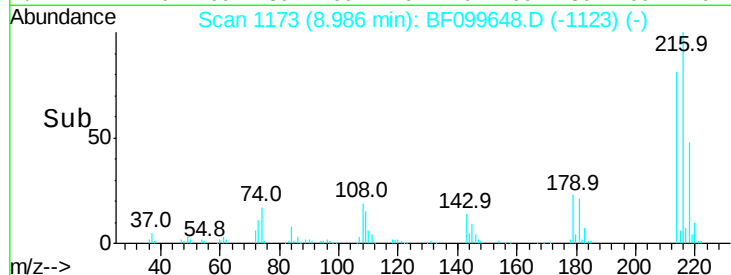
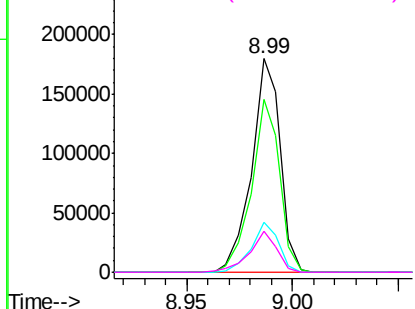
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.113 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	169912
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.0	94.4
179	22.3	18.1	27.1
108	18.2	17.2	25.8

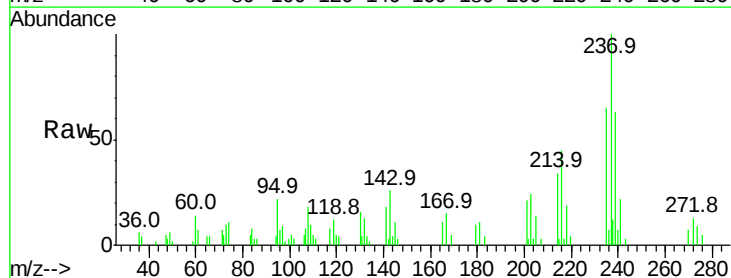


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

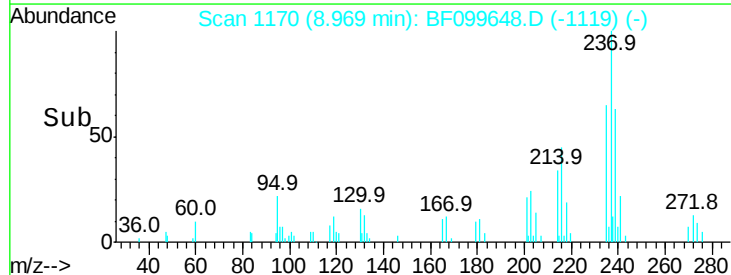
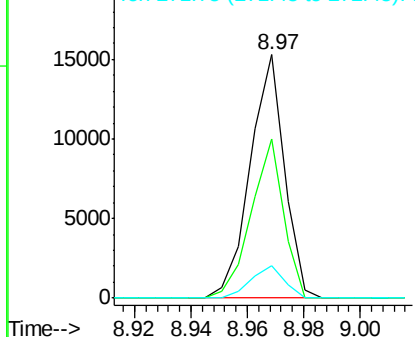


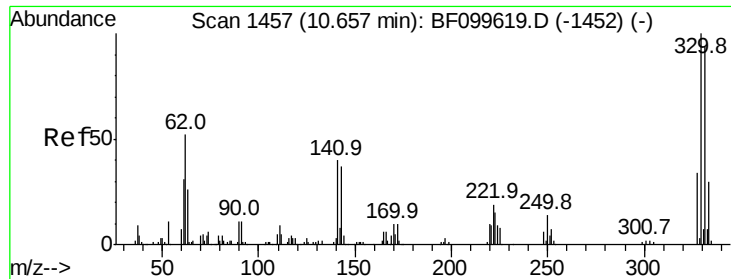
#40
 Hexachlorocyclopentadiene
 Concen: 7.953 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:	237	Resp:	12835
Ion Ratio	Lower	Upper	
237	100		
235	65.3	44.8	84.8
272	13.4	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

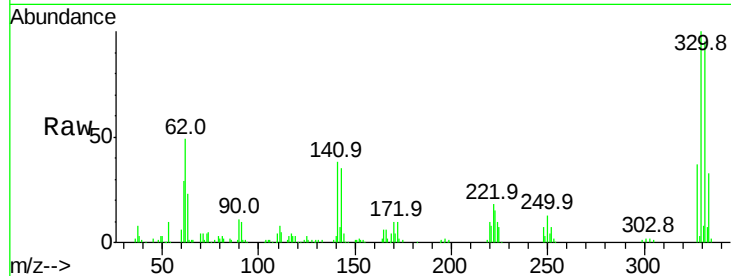




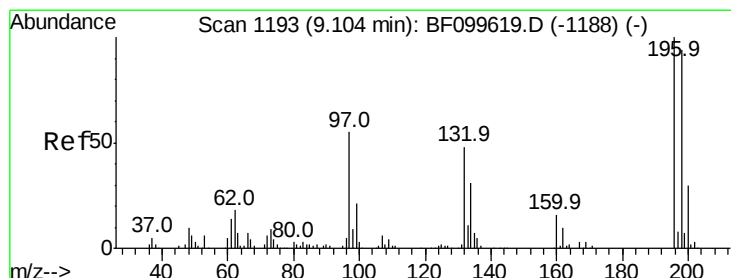
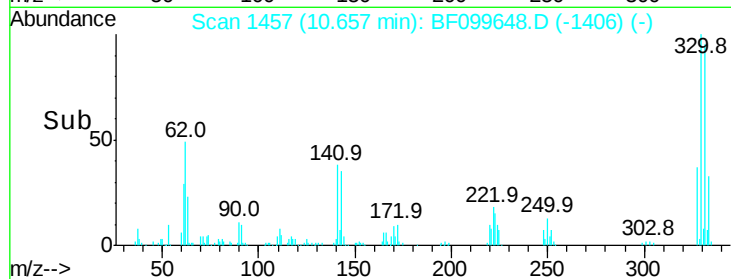
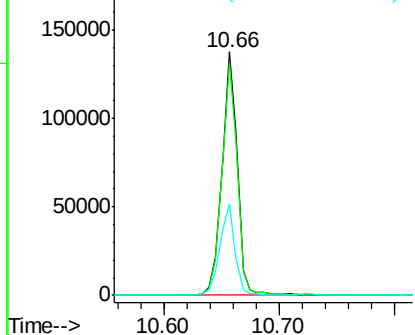
#41
 2,4,6-Tribromophenol
 Concen: 131.772 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	37.4	29.9	44.9

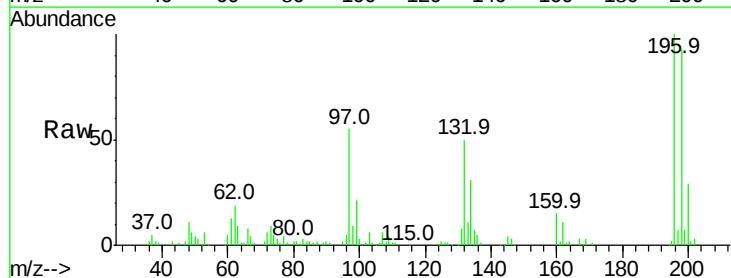


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

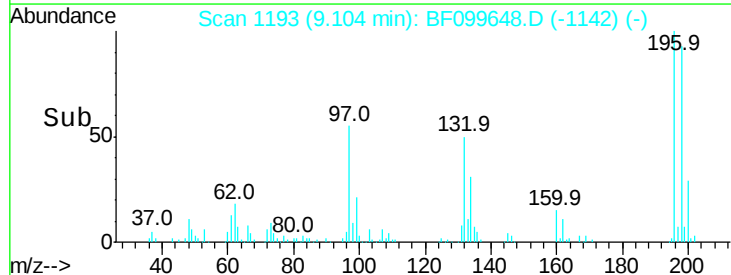
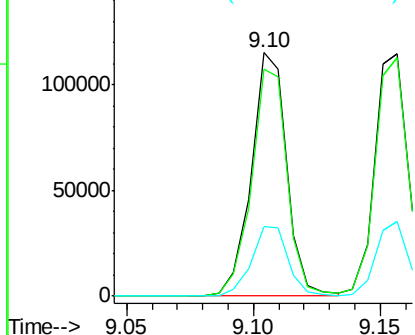


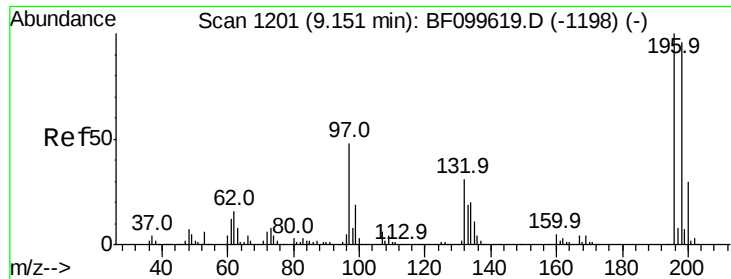
#42
 2,4,6-Trichlorophenol
 Concen: 44.932 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	28.6	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

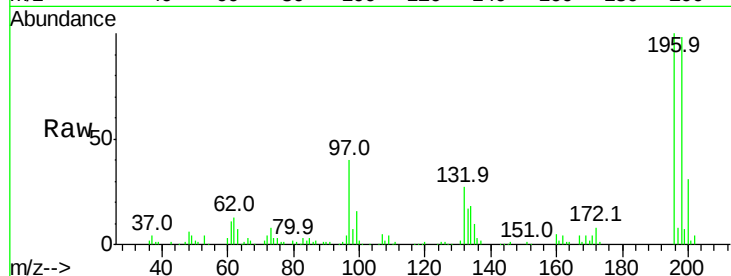




#43
 2,4,5-Trichlorophenol
 Concen: 45.704 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	74.6	112.0
97	40.0	42.9	64.3#
132	27.4	26.3	39.5



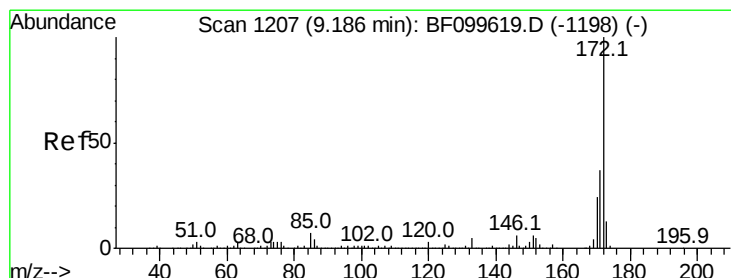
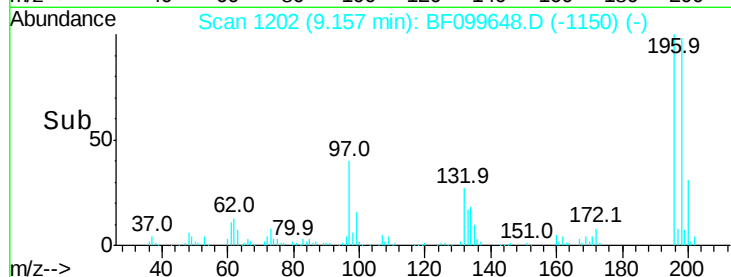
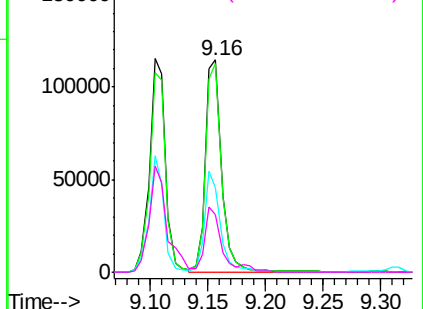
Abundance

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: 115.613 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

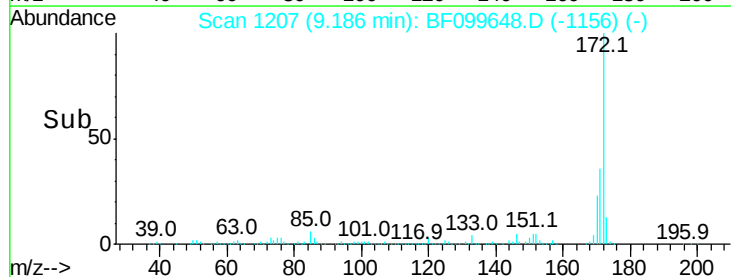
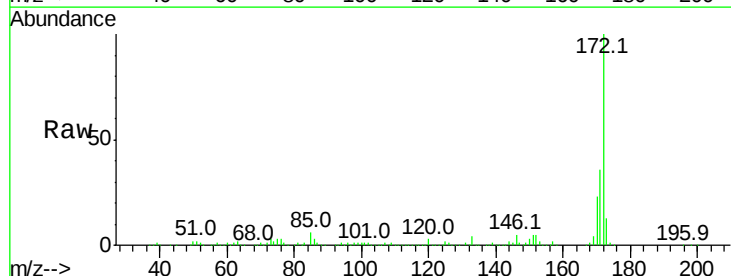
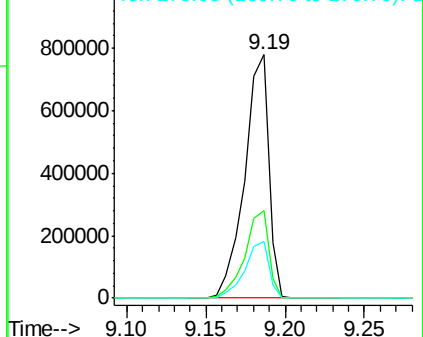
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.4	19.6	29.4

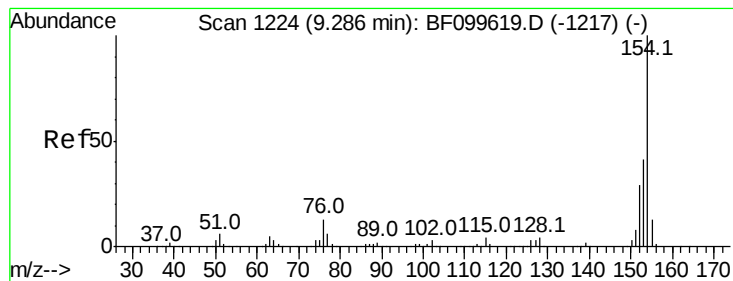
Abundance

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: 47.792 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

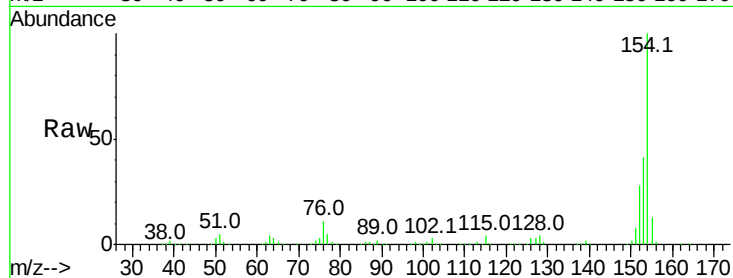
Tot Ion:154 Resp: 486392

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

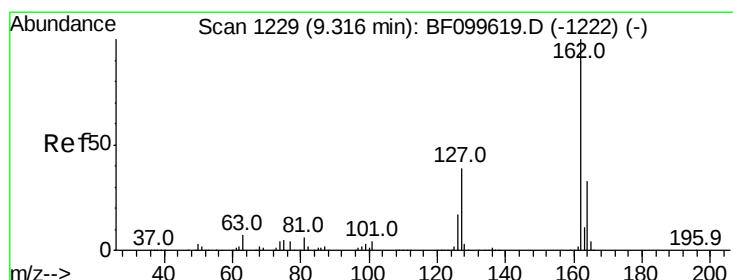
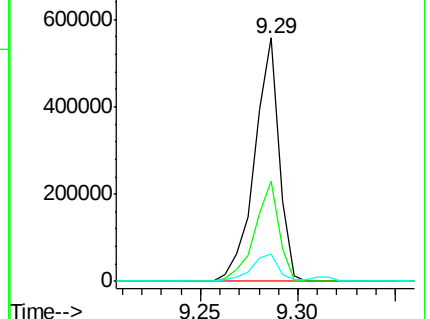
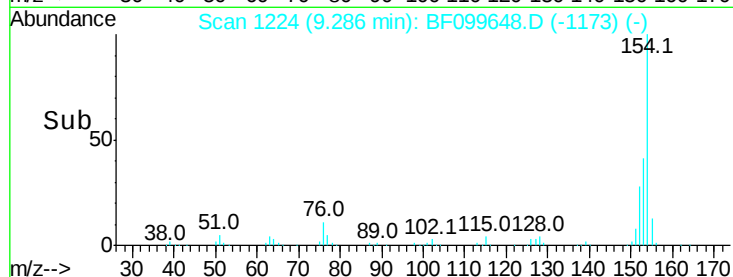
76 11.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.892 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

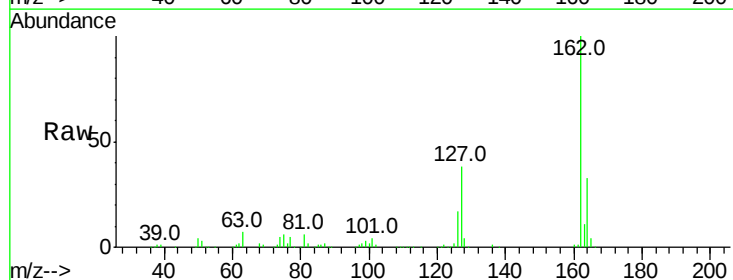
Tgt Ion:162 Resp: 365957

Ion Ratio Lower Upper

162 100

127 37.6 33.9 50.9

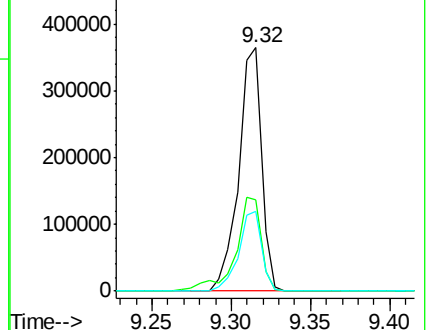
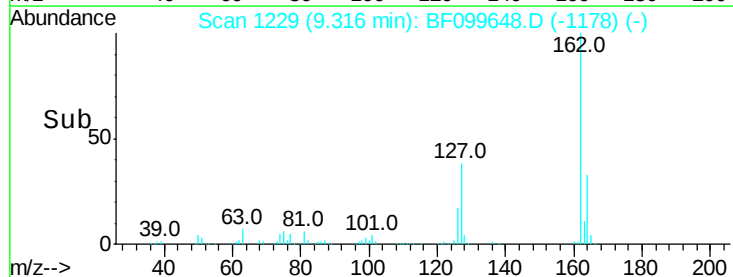
164 32.9 26.5 39.7

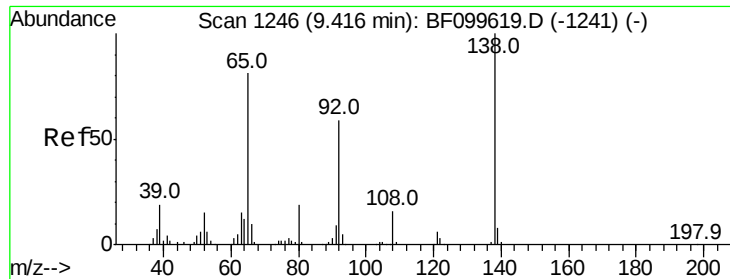


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

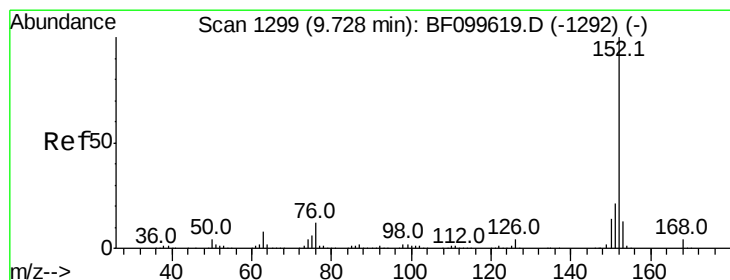
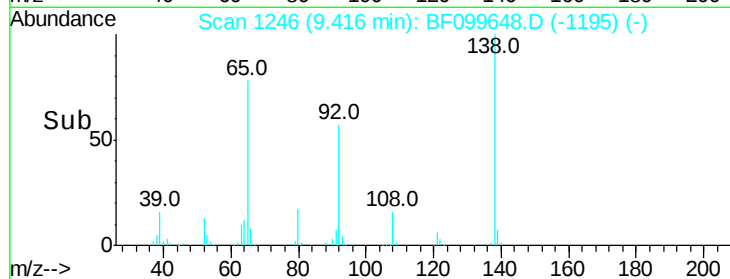
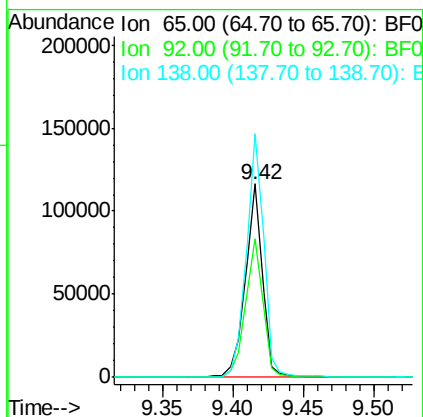
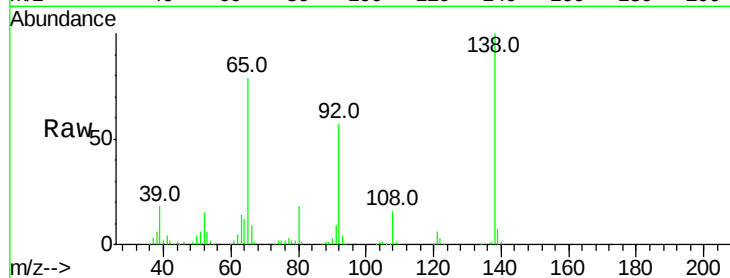




#47
2-Nitroaniline
Concen: 42.174 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

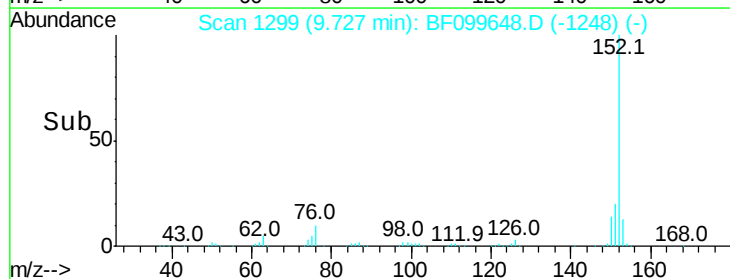
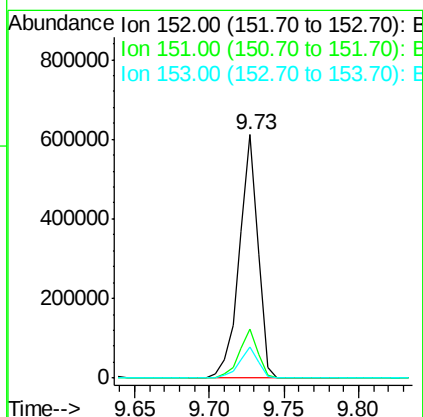
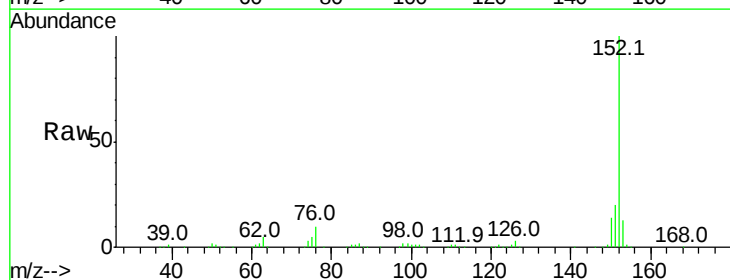
Instrument :
BNA_F
ClientSampleId :

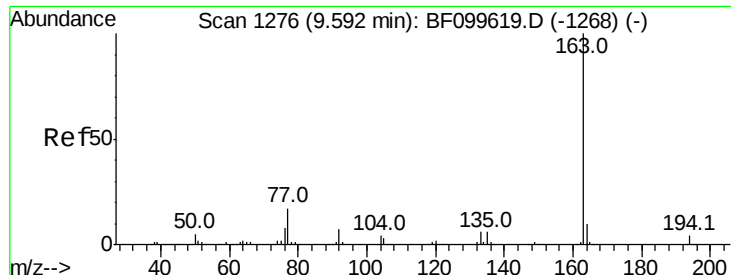
Tot Ion	Ratio	Lower	Upper
65	100		
92	72.0	55.8	83.6
138	126.0	91.2	136.8



#48
Acenaphthylene
Concen: 45.606 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.8	10.7	16.1

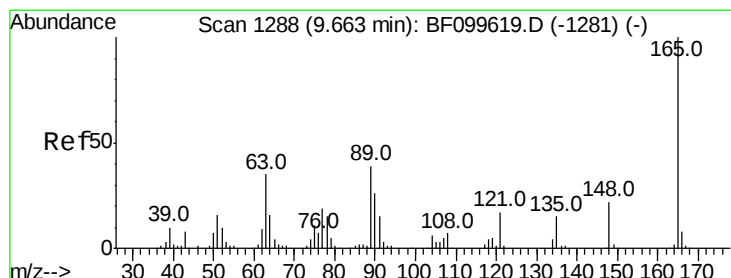
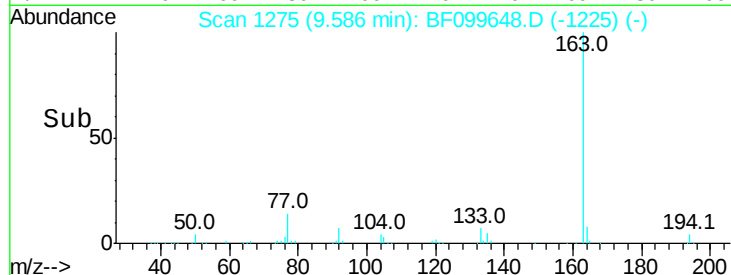
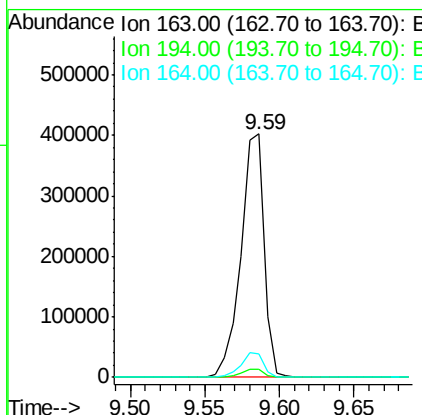
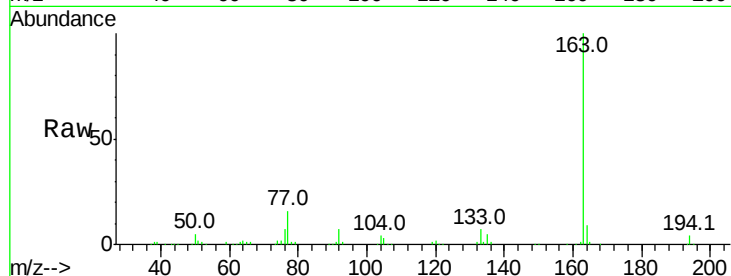




#49
Dimethylphthalate
Concen: 48.708 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

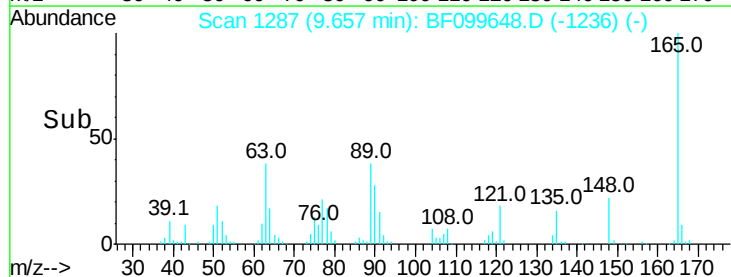
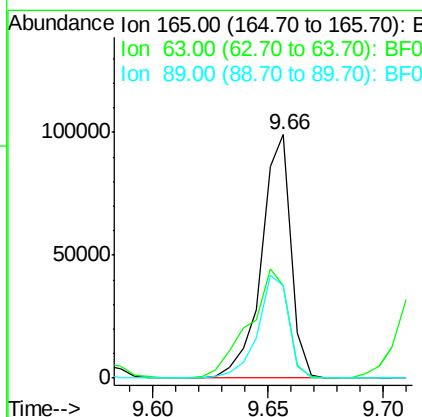
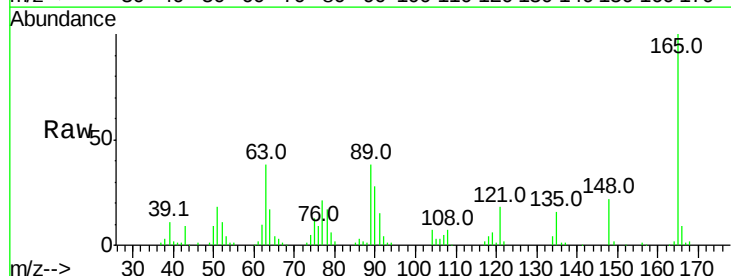
Instrument :
BNA_F
ClientSampleId :

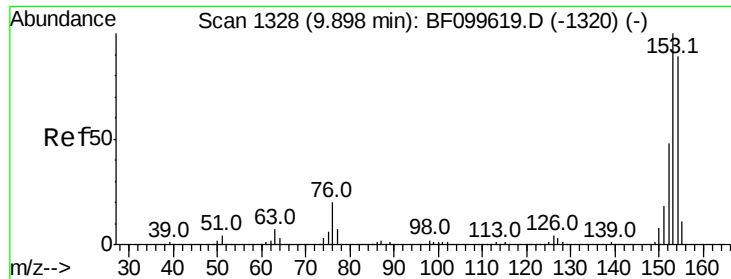
Tot Ion:163 Resp: 435326
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 45.119 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:165 Resp: 87791
Ion Ratio Lower Upper
165 100
63 37.9 44.7 67.1#
89 38.3 44.0 66.0#





#51

Acenaphthene

Concen: 42.528 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

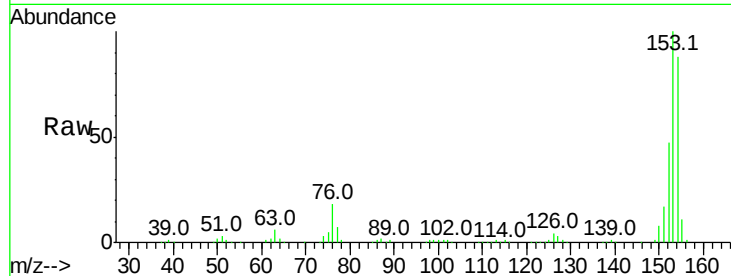
Tot Ion:154 Resp: 315127

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

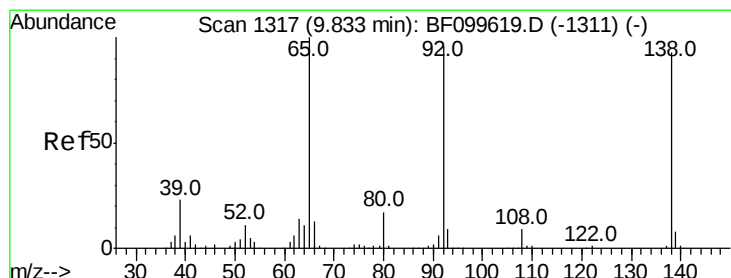
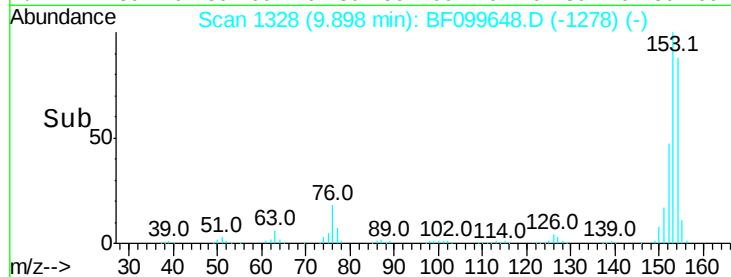
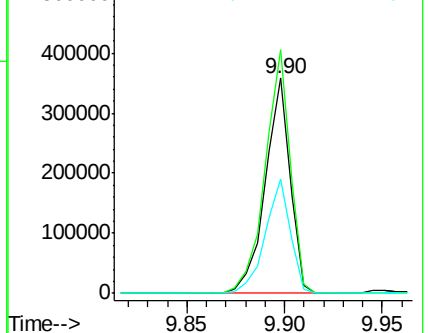
152 53.3 43.8 65.8



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: 22.552 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

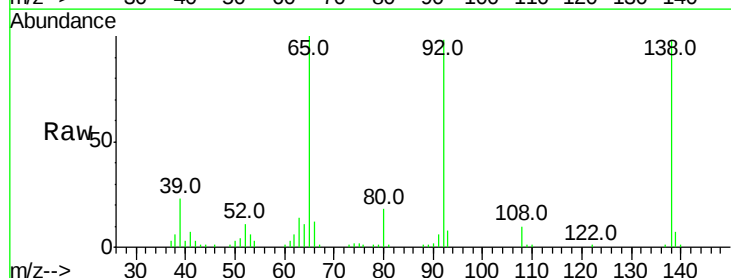
Tgt Ion:138 Resp: 51164

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

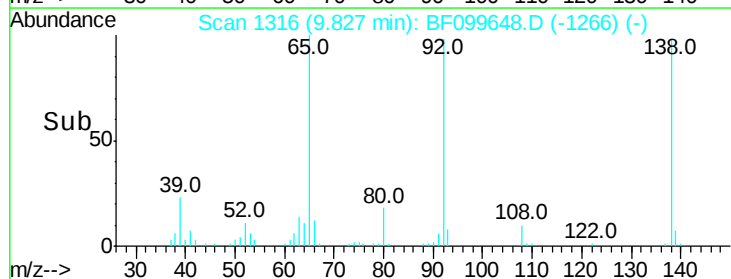
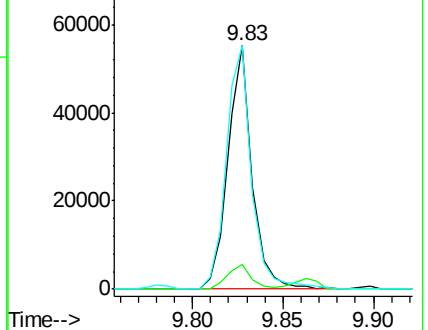
92 99.9 89.4 134.2

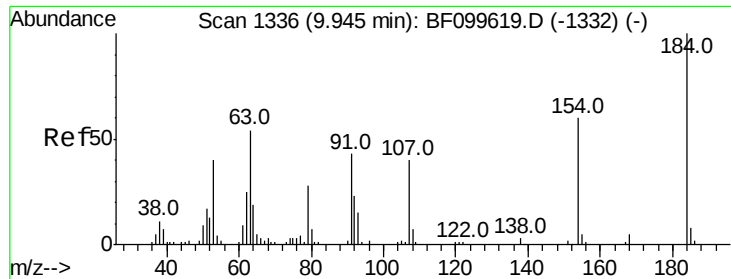


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

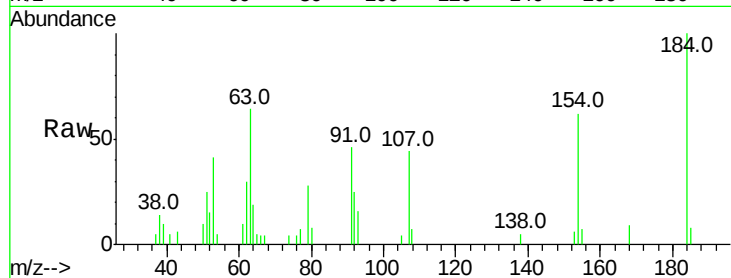




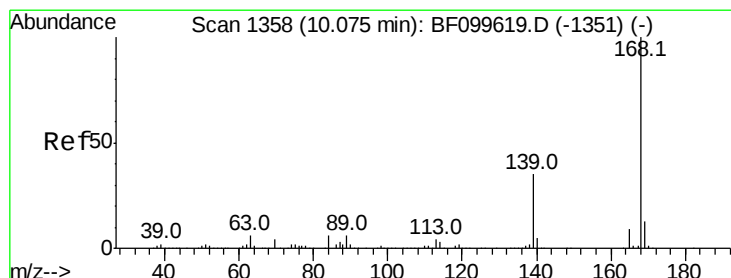
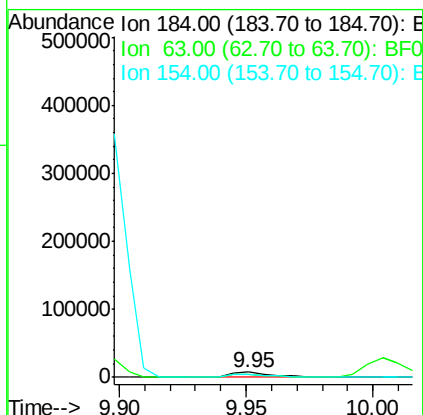
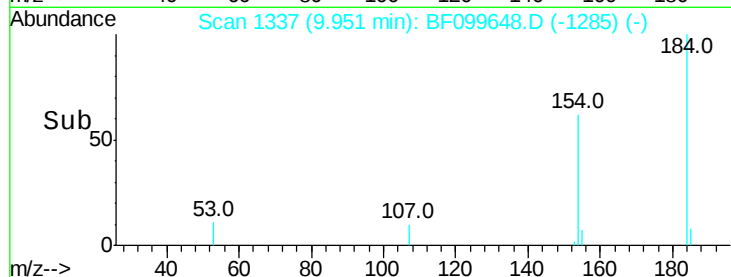
#53
 2,4-Dinitrophenol
 Concen: 14.896 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 9908
 Ion Ratio Lower Upper
 184 100
 63 63.7 54.2 81.2
 154 61.6 53.5 80.3

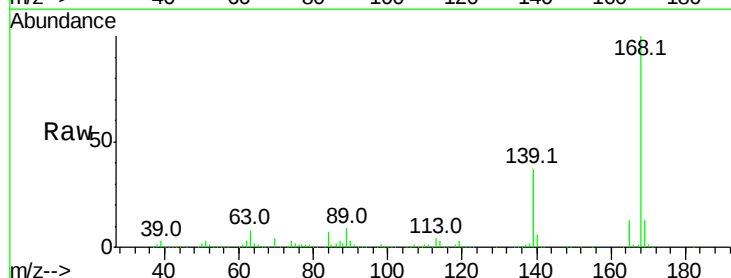


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

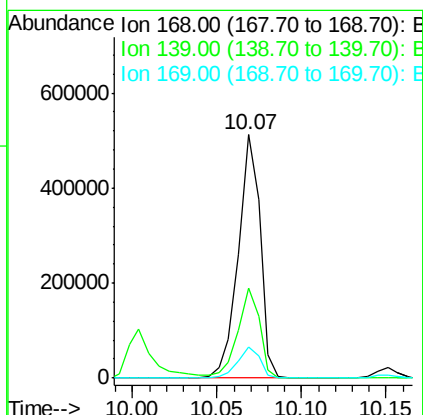
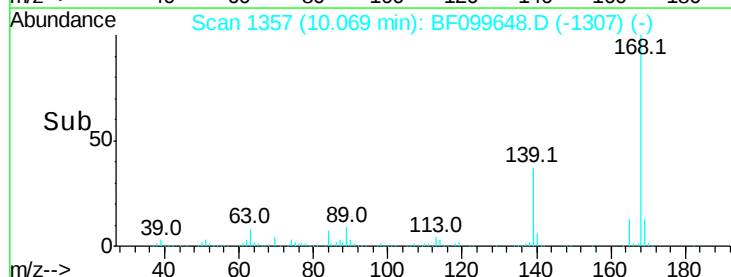


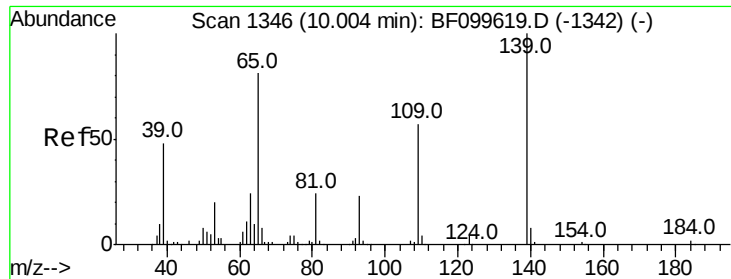
#54
 Dibenzofuran
 Concen: 46.819 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:168 Resp: 461913
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.1 45.1
 169 13.0 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

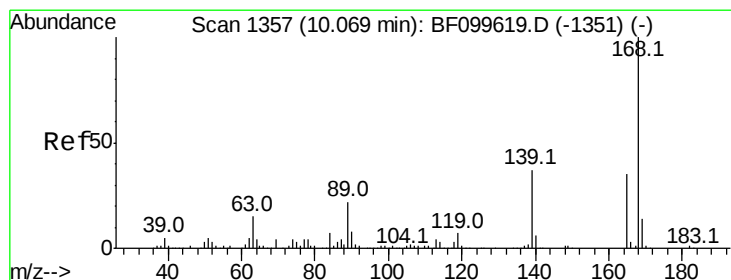
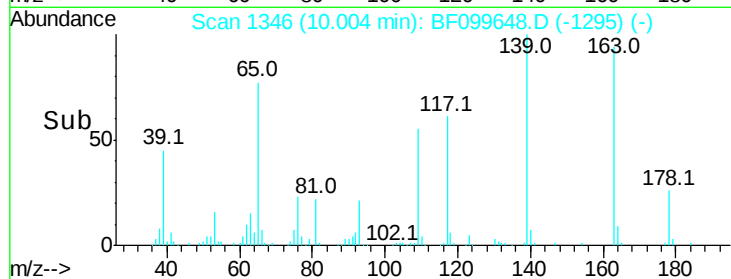
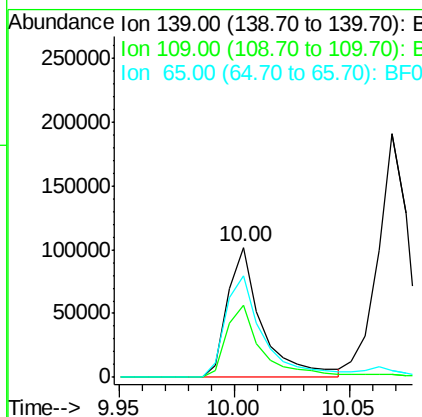
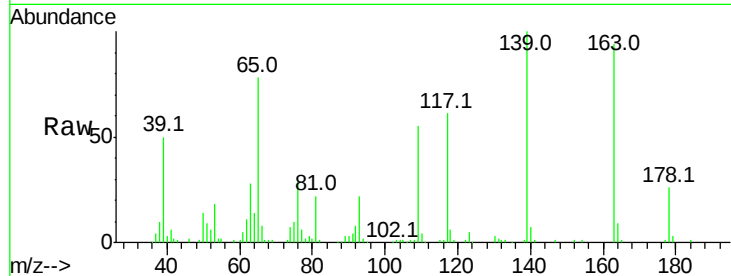




#55
4-Nitrophenol
Concen: 55.770 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

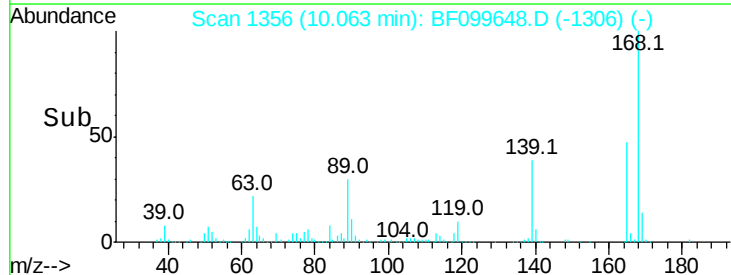
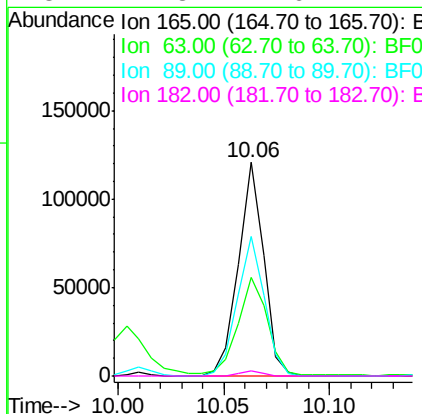
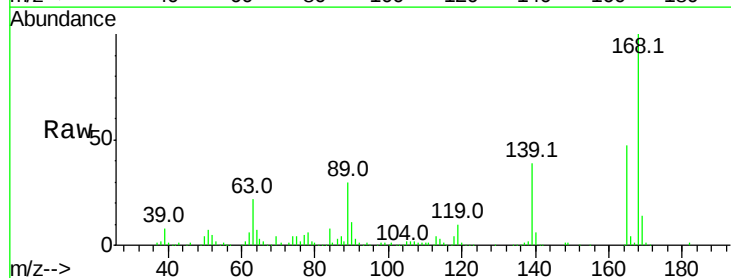
Instrument :
BNA_F
ClientSampleId :

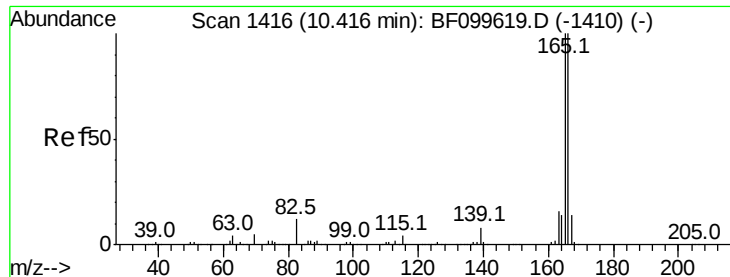
Tot Ion:139 Resp: 106988
Ion Ratio Lower Upper
139 100
109 54.9 48.4 88.4
65 78.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.630 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:165 Resp: 100075
Ion Ratio Lower Upper
165 100
63 46.2 36.4 54.6
89 65.2 57.8 86.6
182 2.3 1.6 2.4

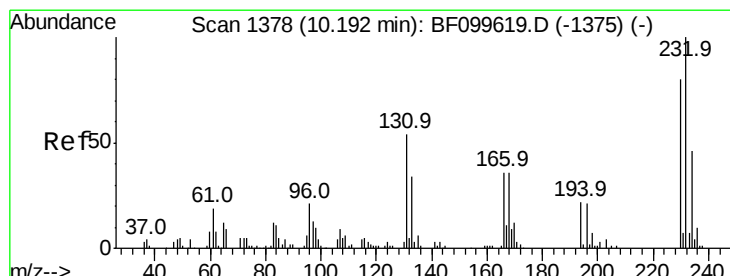
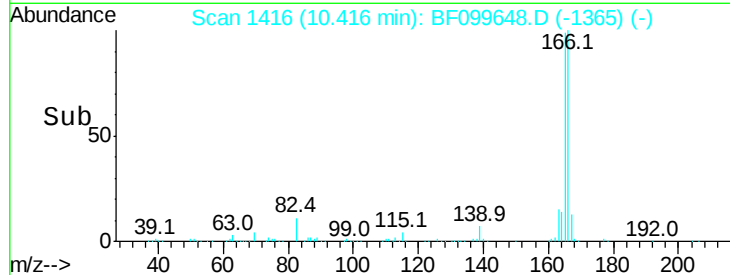
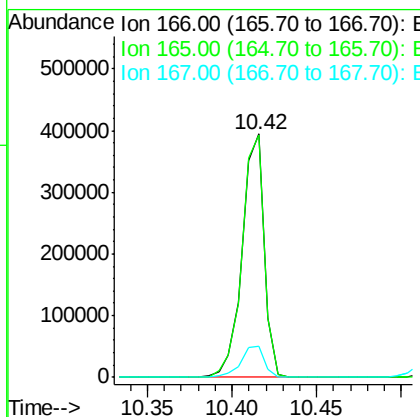
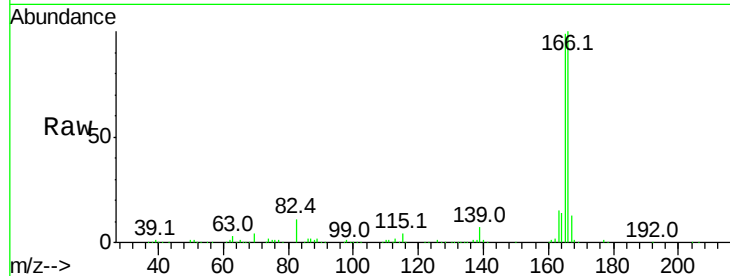




#57
 Fluorene
 Concen: 45.266 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

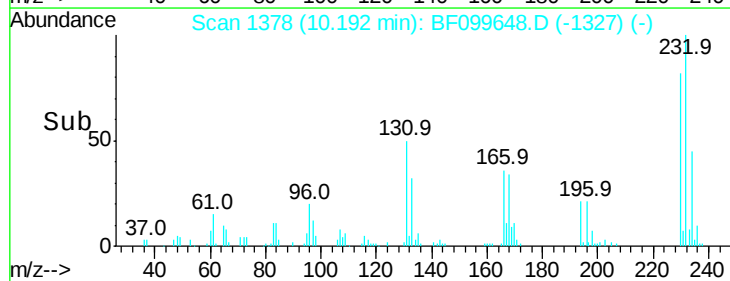
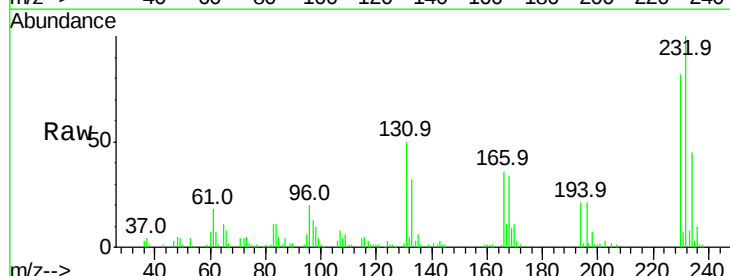
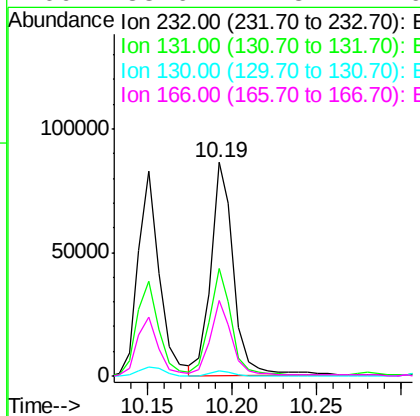
Instrument :
 BNA_F
 ClientSampleId :

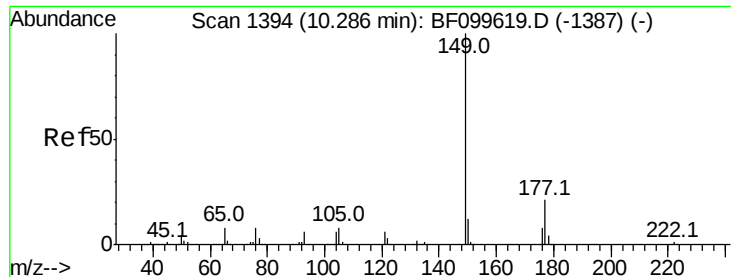
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	12.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.143 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.4	43.8	65.8
130	2.3	2.1	3.1
166	33.6	27.8	41.6

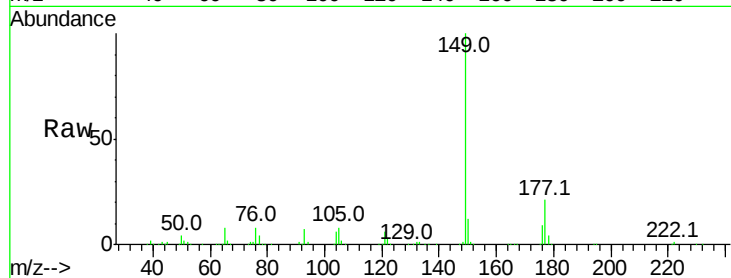




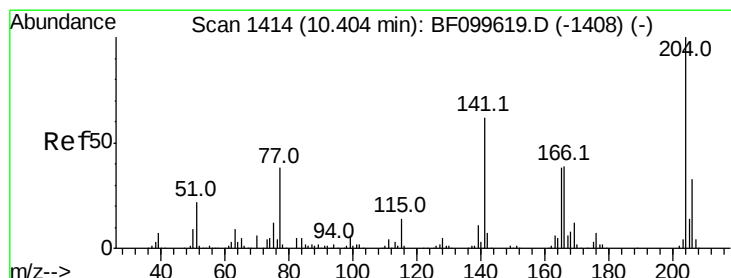
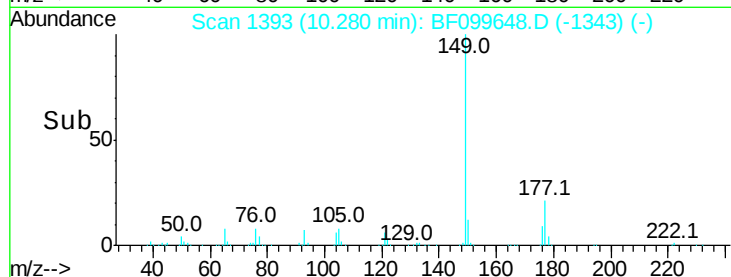
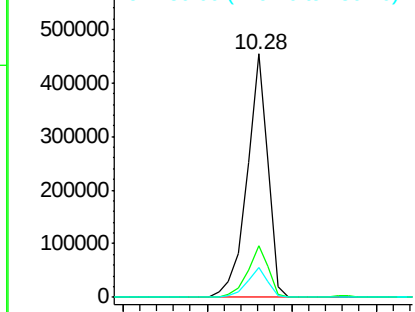
#59
Diethylphthalate
Concen: 44.717 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 390525
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.2 10.1 15.1

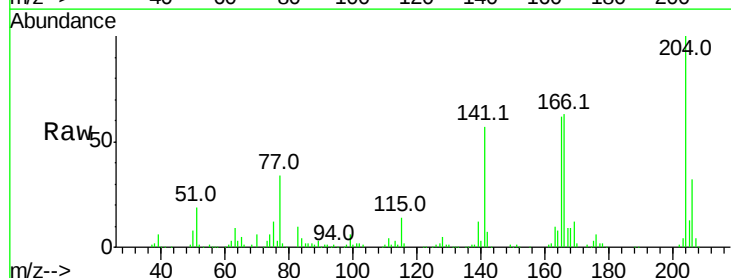


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

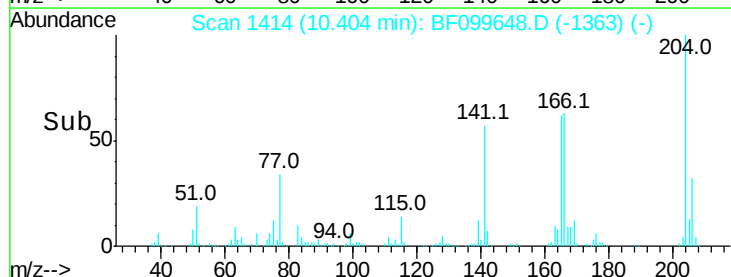
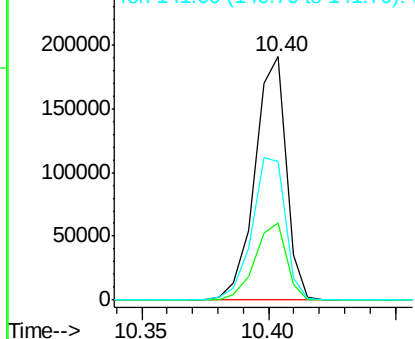


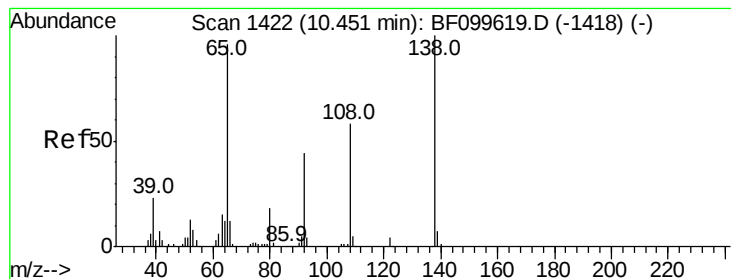
#60
4-Chlorophenyl-phenylether
Concen: 46.506 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:204 Resp: 165658
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 56.8 54.6 81.8



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





#61

4-Nitroaniline

Concen: 38.872 ng

RT: 10.44 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampled :

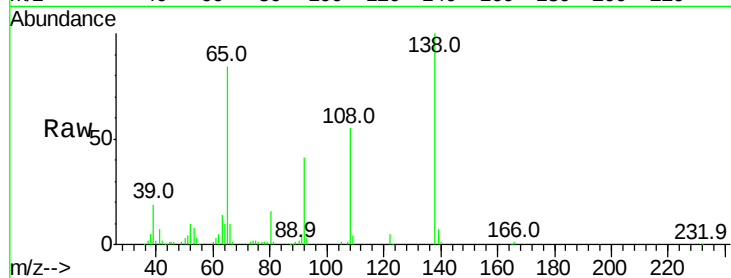
Tot Ion:138 Resp: 85083

Ion Ratio Lower Upper

138 100

92 41.4 30.2 70.2

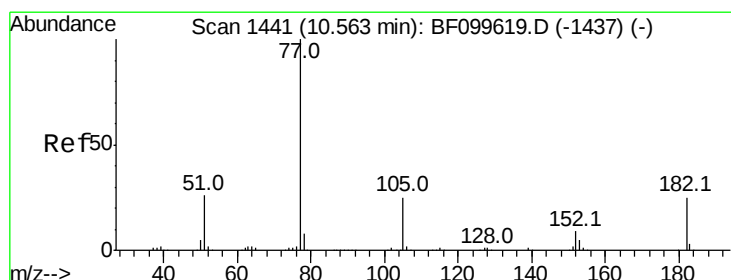
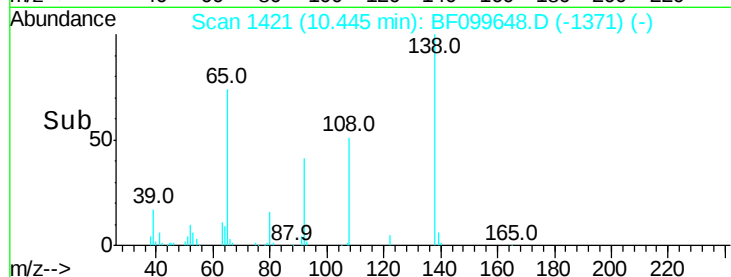
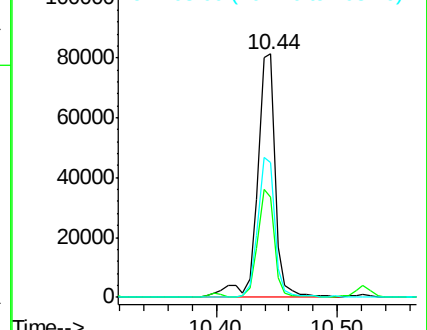
108 55.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.717 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Tgt Ion: 77 Resp: 326951

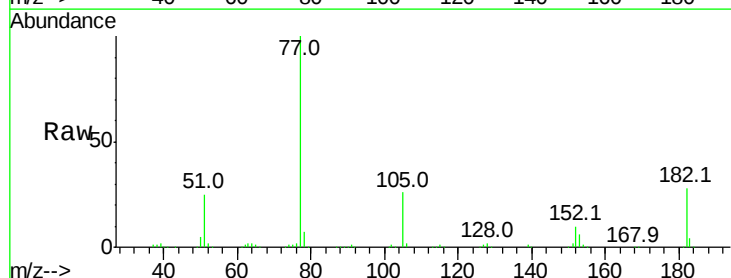
Ion Ratio Lower Upper

77 100

182 28.1 1.7 41.7

105 25.9 3.0 43.0

51 24.9 9.9 49.9

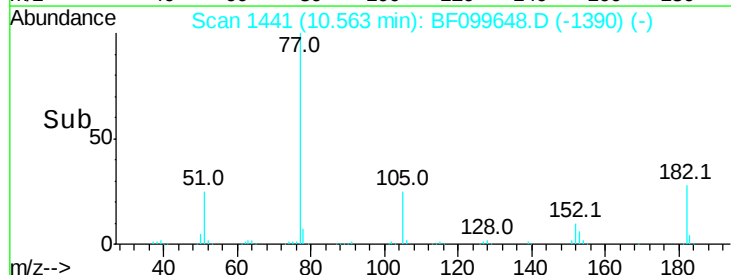
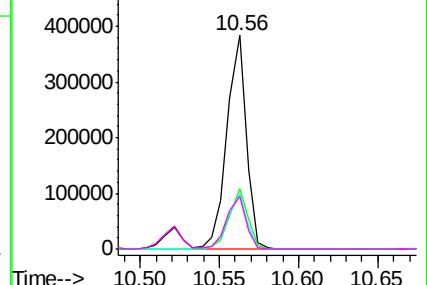


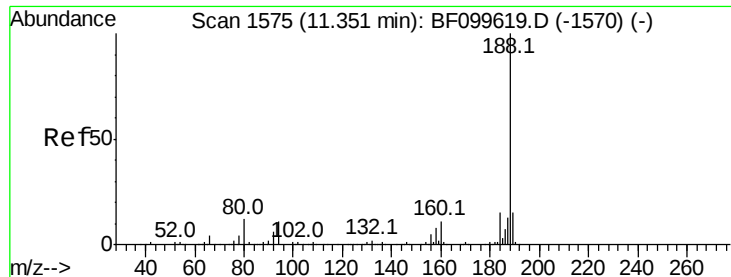
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

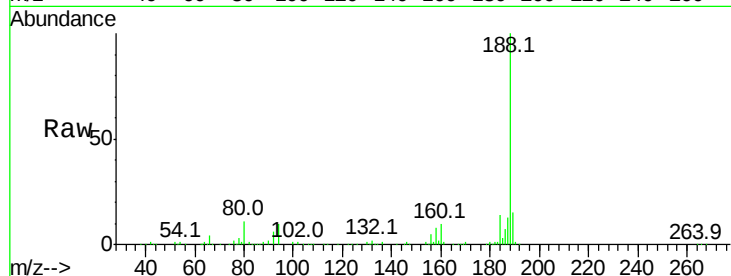




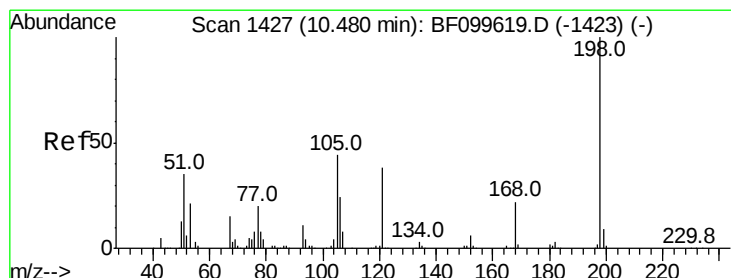
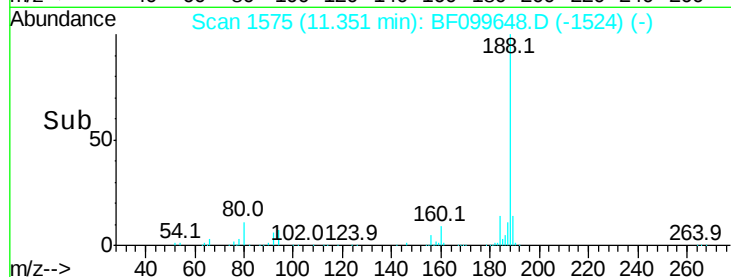
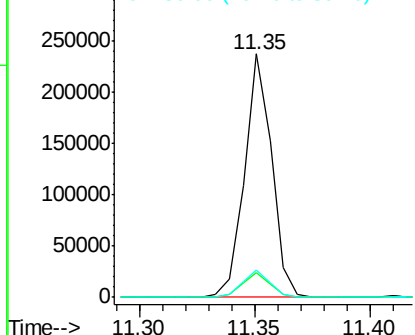
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 195067
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8

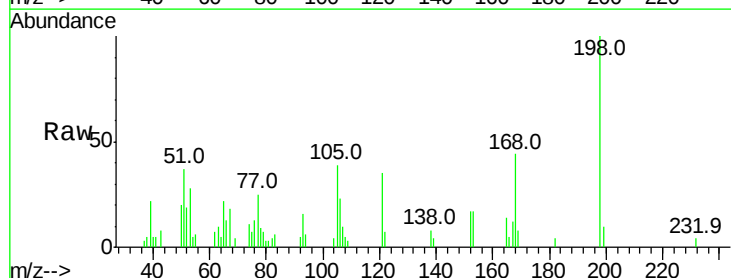


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

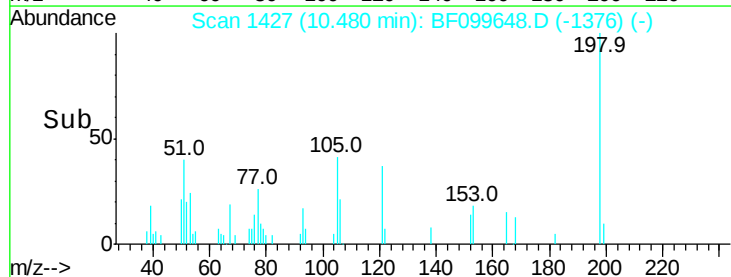
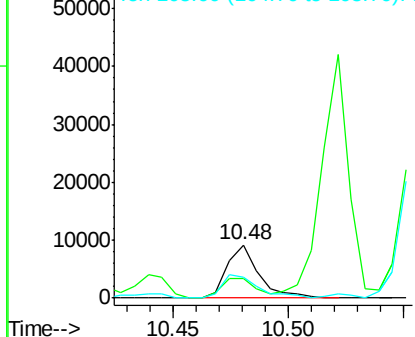


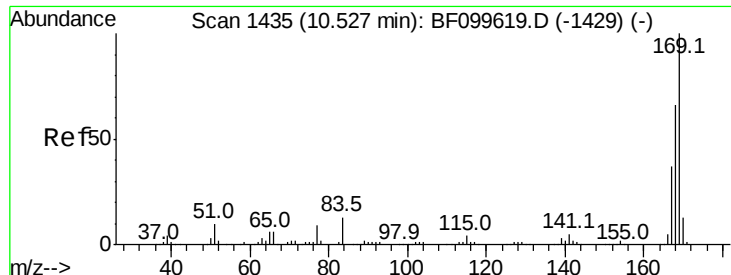
#64
4,6-Dinitro-2-methylphenol
Concen: 7.529 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:198 Resp: 8936
Ion Ratio Lower Upper
198 100
51 37.4 37.7 77.7#
105 38.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

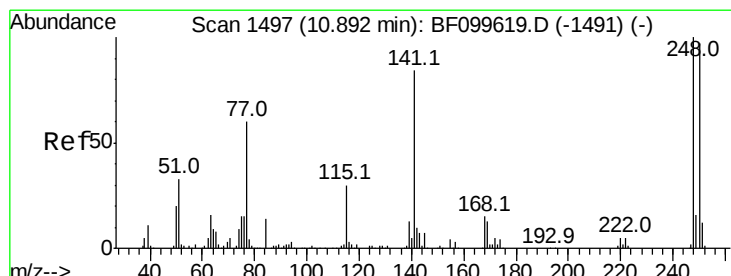
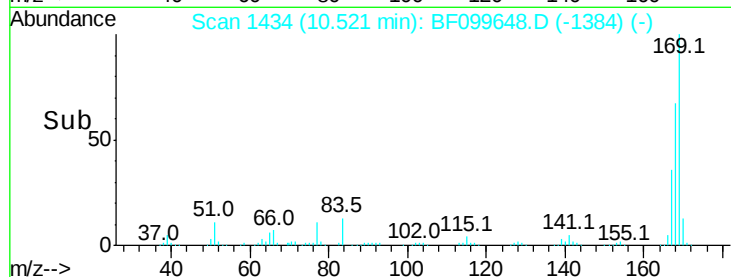
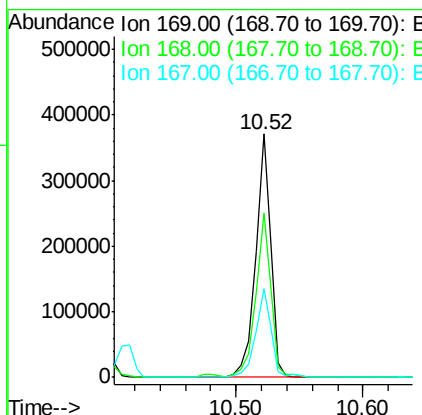
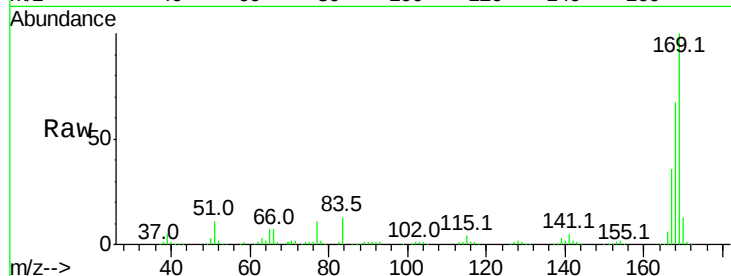




#65
 n-Nitrosodiphenylamine
 Concen: 46.246 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

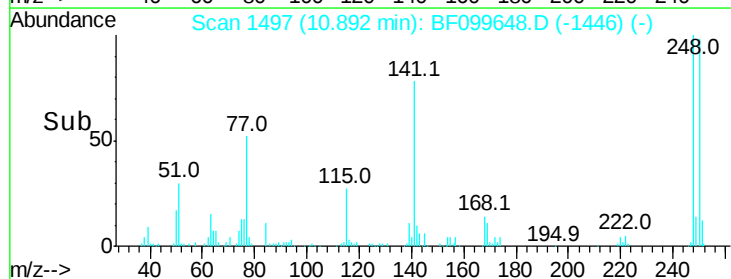
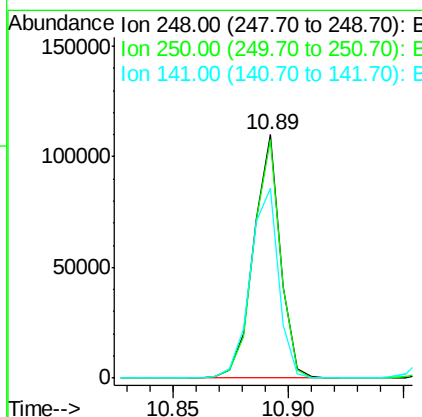
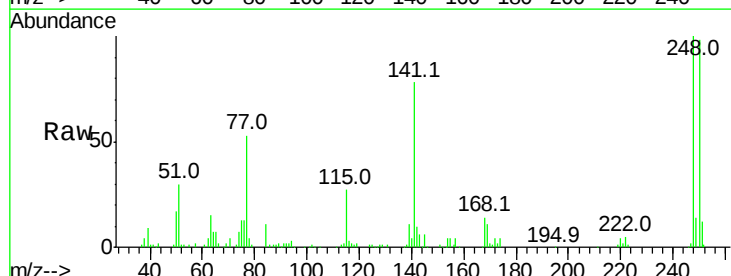
Instrument :
 BNA_F
 ClientSampleId :

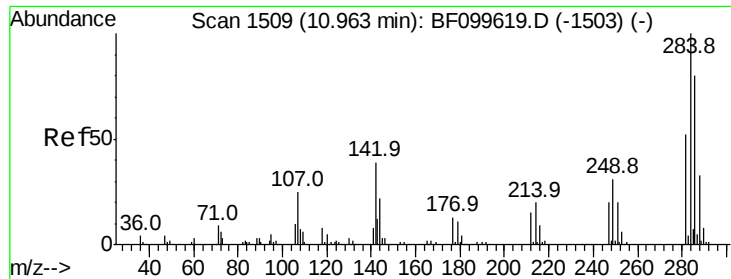
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	36.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.665 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	77.9	74.4	111.6

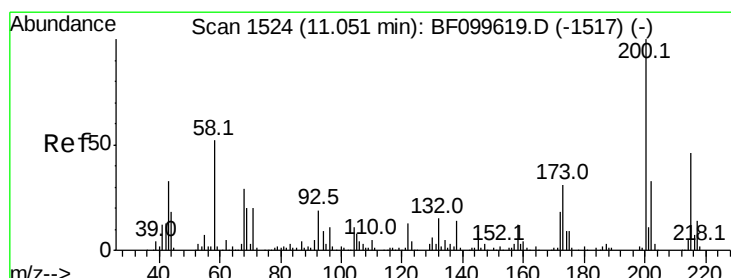
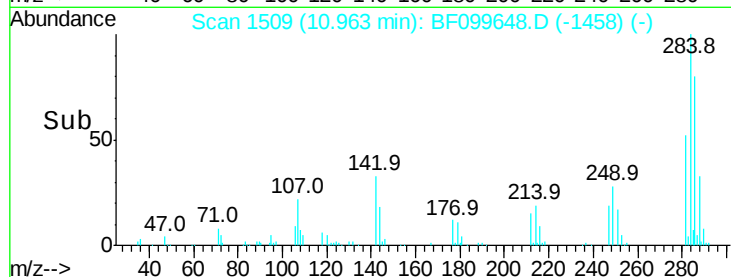
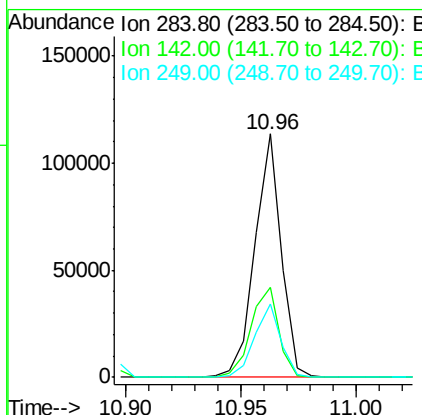
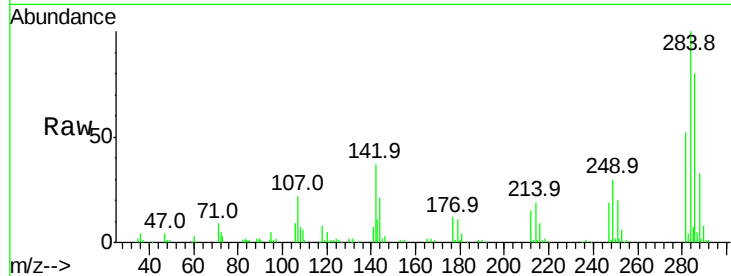




#67
Hexachlorobenzene
Concen: 44.443 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

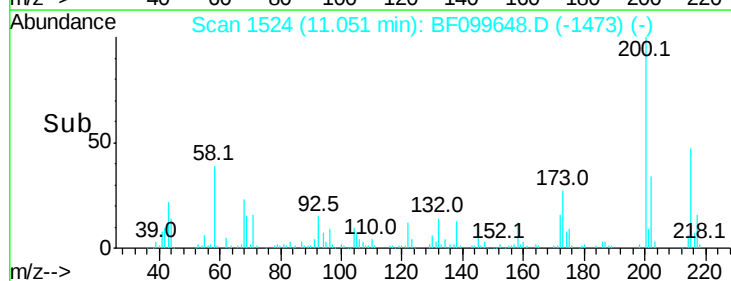
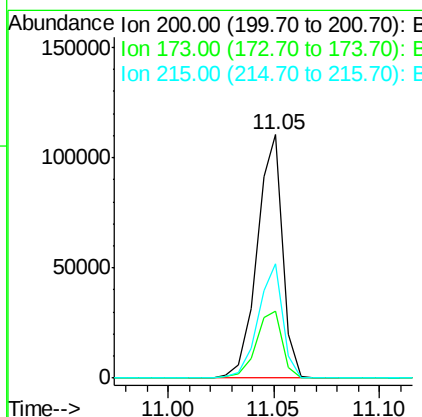
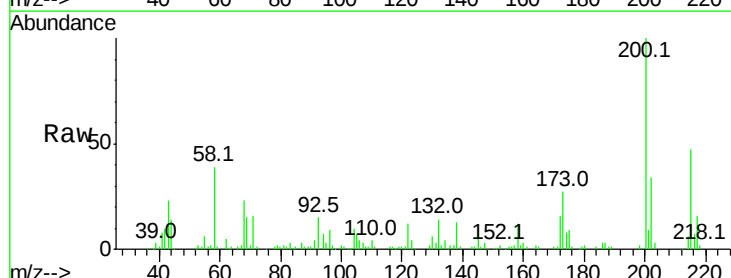
Instrument :
BNA_F
ClientSampled :

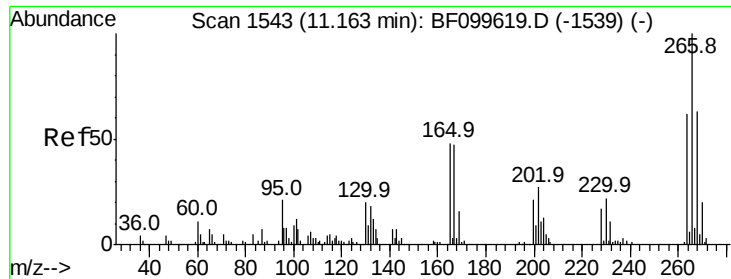
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.9	34.6	52.0
249	30.1	24.8	37.2



#68
Atrazine
Concen: 45.526 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.6	48.6
215	47.1	25.1	65.1

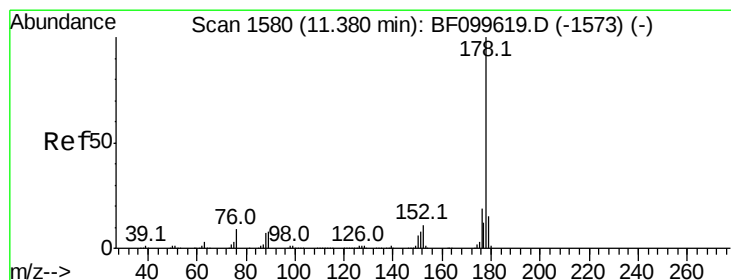
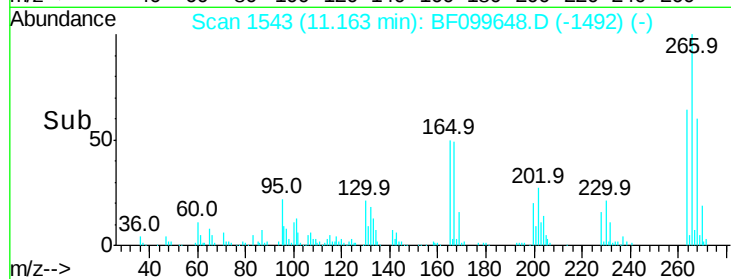
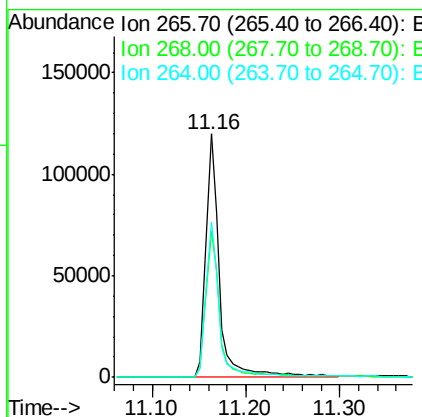
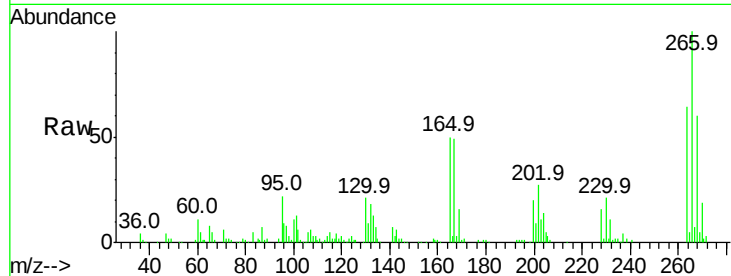




#69
 Pentachlorophenol
 Concen: 96.323 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

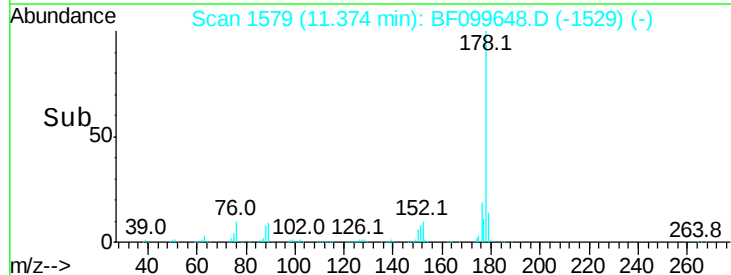
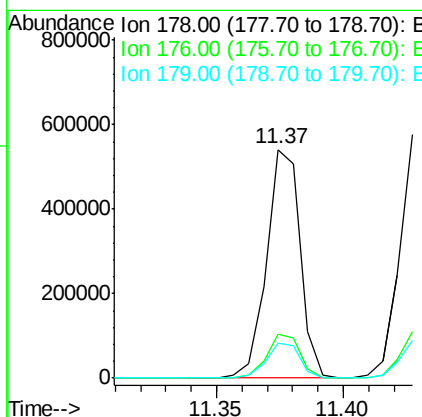
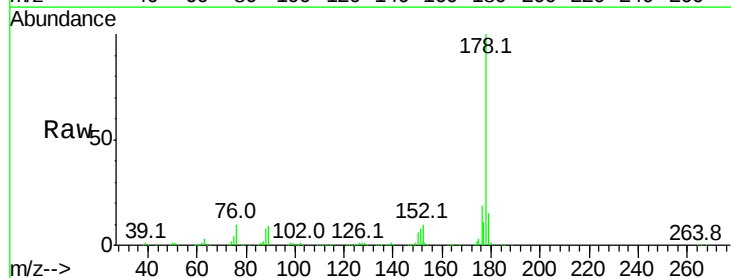
Instrument :
 BNA_F
 ClientSampleId :

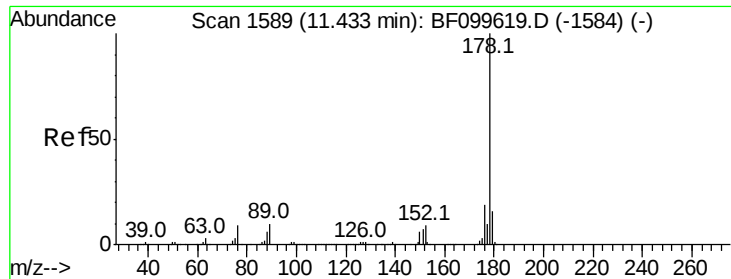
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.2	51.1	76.7
264	63.9	49.5	74.3



#70
 Phenanthrene
 Concen: 48.178 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6

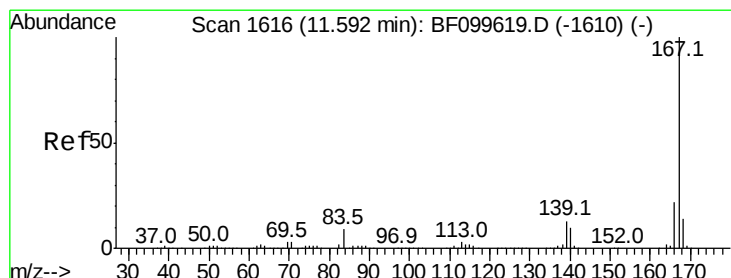
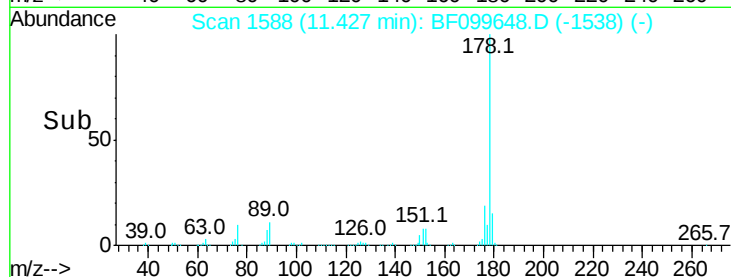
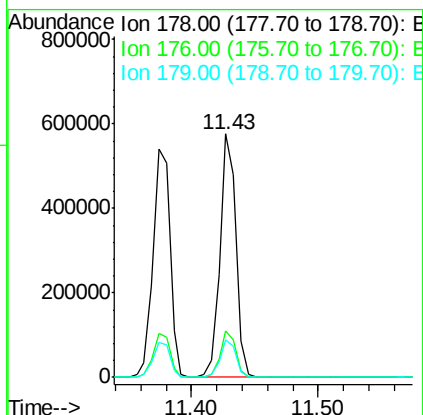
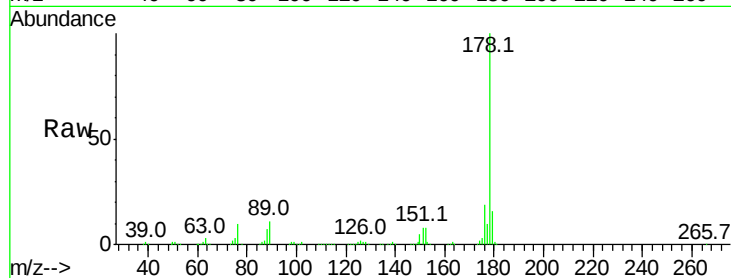




#71
 Anthracene
 Concen: 47.811 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

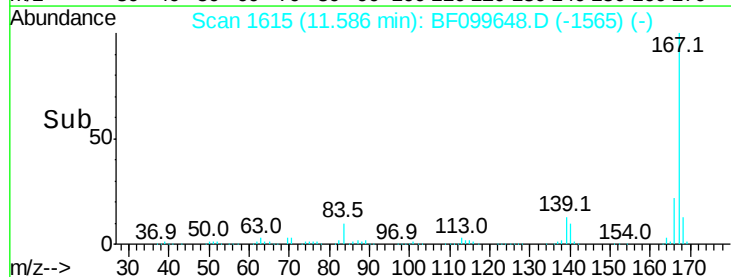
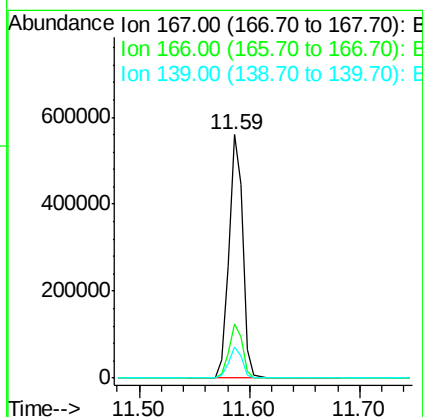
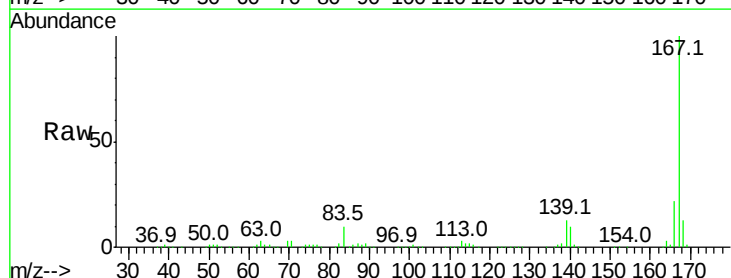
Instrument :
 BNA_F
 ClientSampleId :

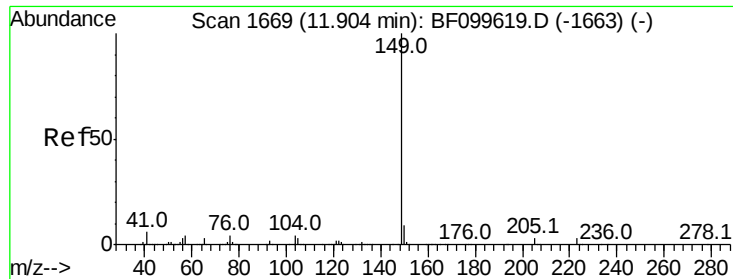
Tot Ion:178 Resp: 510792
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 46.935 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:167 Resp: 491040
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.8 10.9 16.3

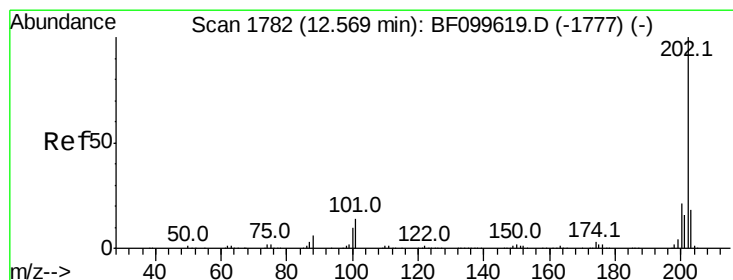
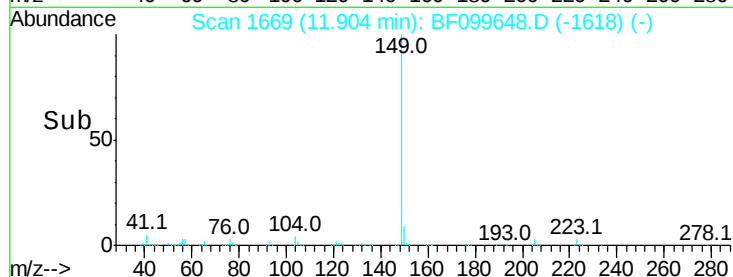
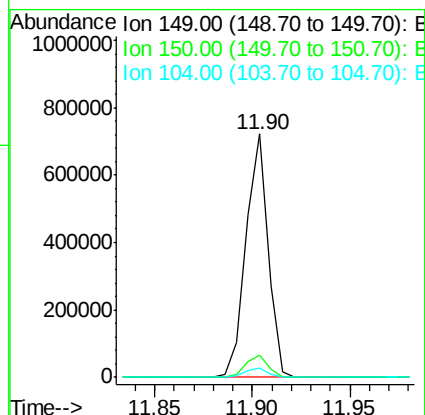
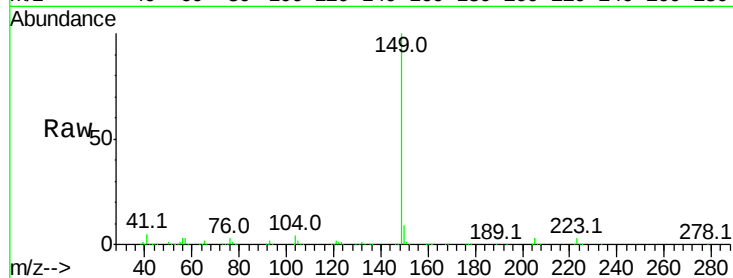




#73
Di-n-butylphthalate
Concen: 45.113 ng
RT: 11.90 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

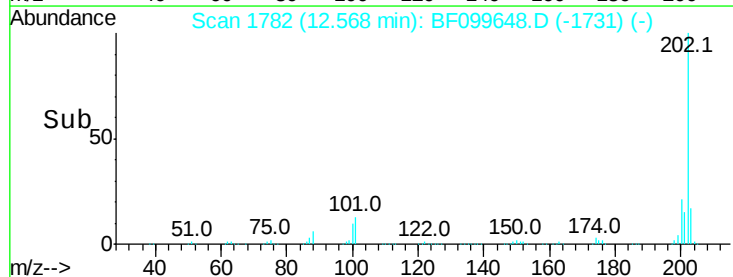
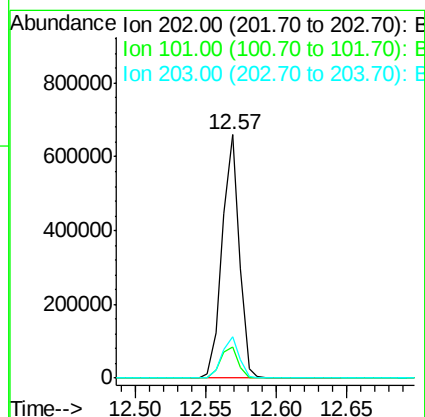
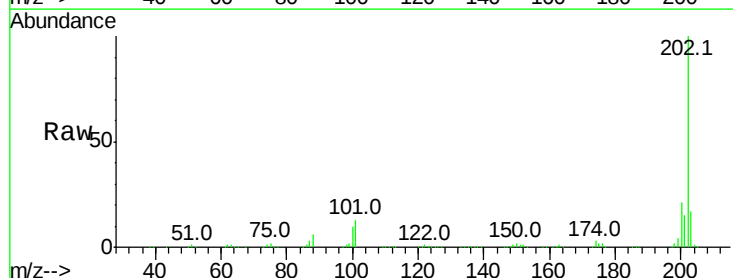
Instrument :
BNA_F
ClientSampleId :

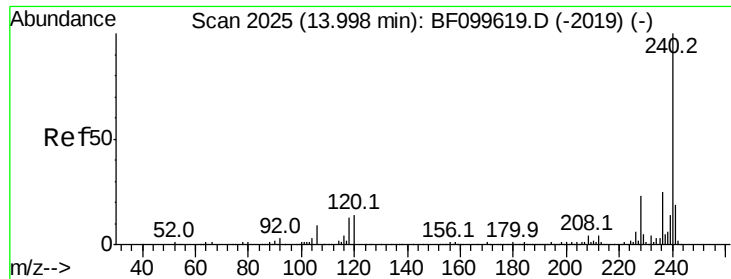
Tot Ion:149 Resp: 568097
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.0 3.8 5.8



#74
Fluoranthene
Concen: 52.446 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:202 Resp: 554515
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.1
203 17.2 0.0 38.1

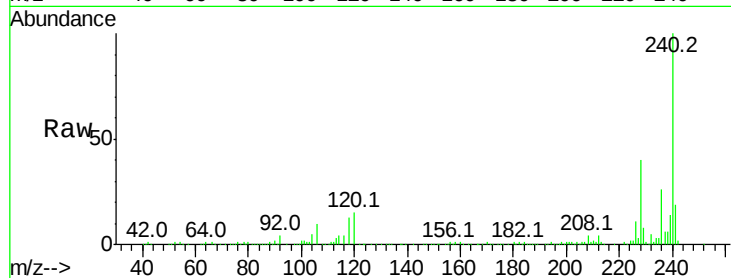




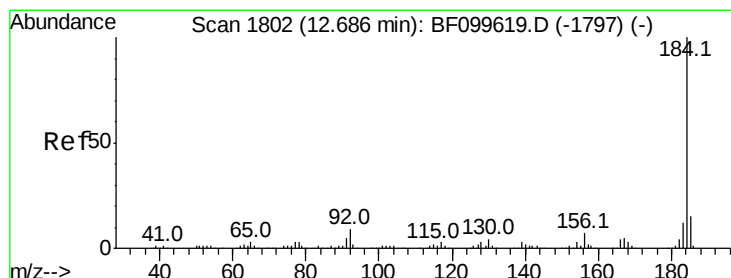
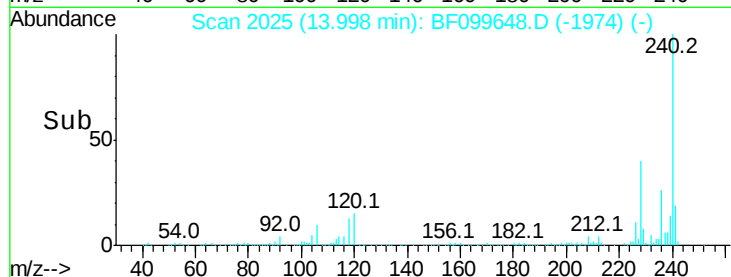
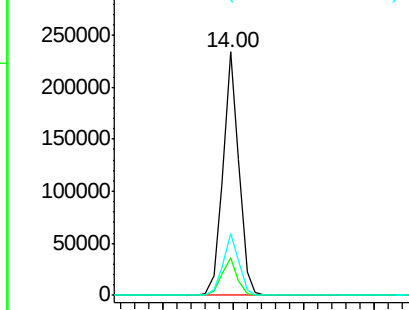
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 183289
 Ion Ratio Lower Upper
 240 100
 120 15.3 9.5 14.3#
 236 25.5 20.7 31.1

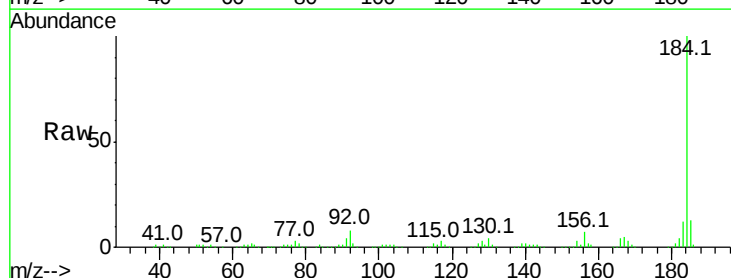


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

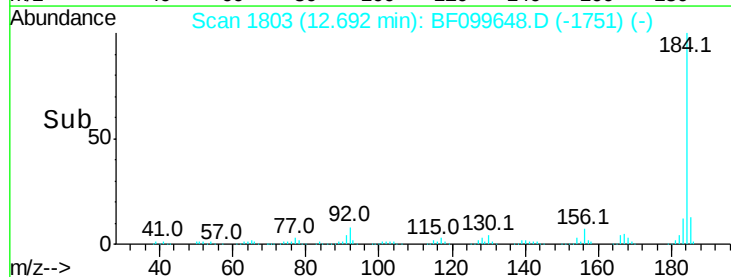
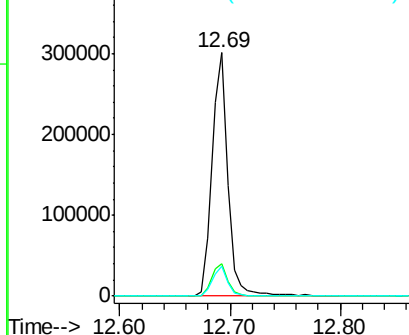


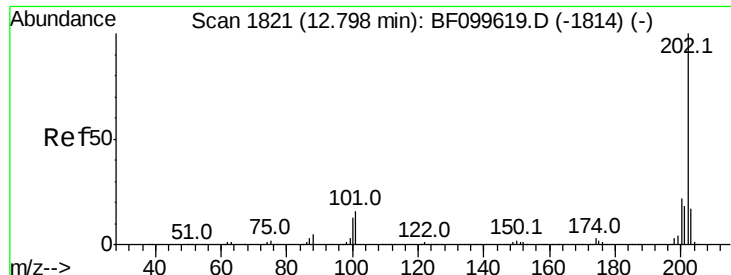
#76
 Benzidine
 Concen: 43.376 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:184 Resp: 294053
 Ion Ratio Lower Upper
 184 100
 185 13.5 12.6 18.8
 183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

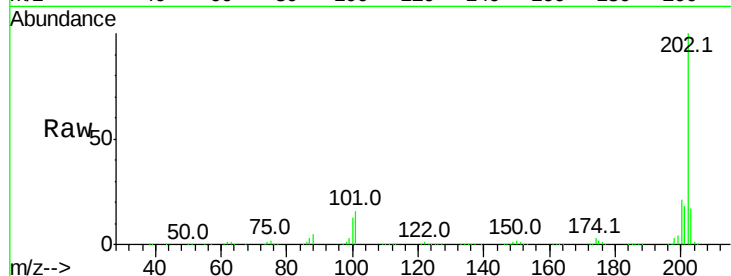




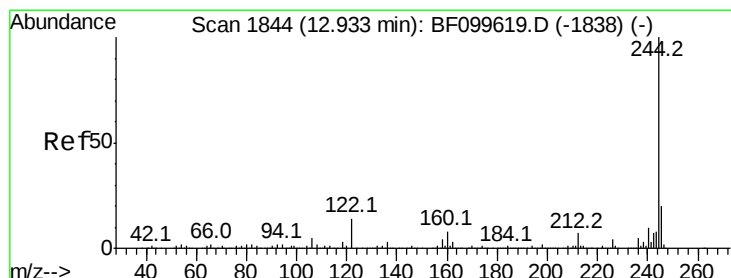
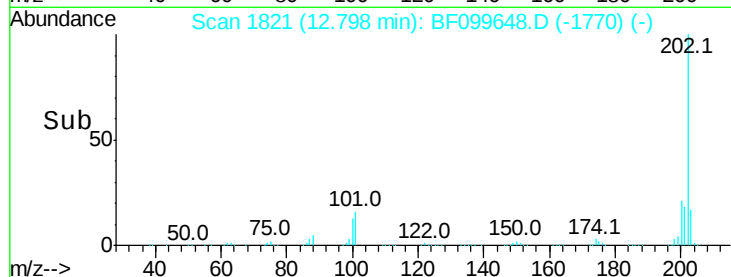
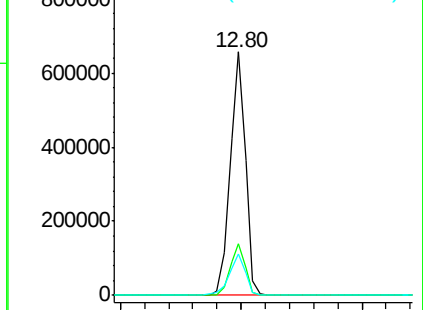
#77
 Pvrene
 Concen: 40.983 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 572793
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.4 26.2
 203 17.1 14.3 21.5

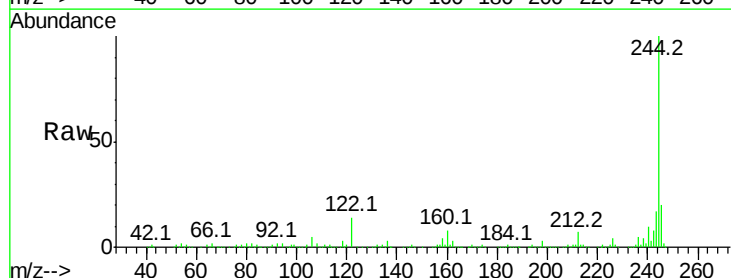


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

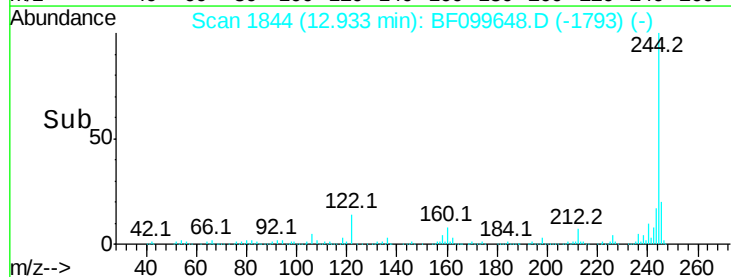
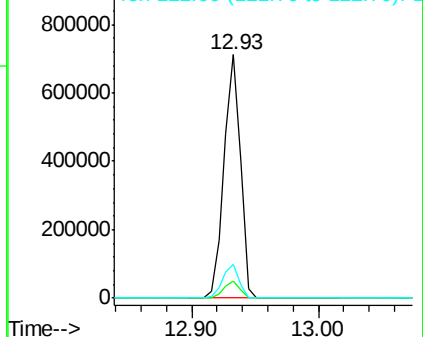


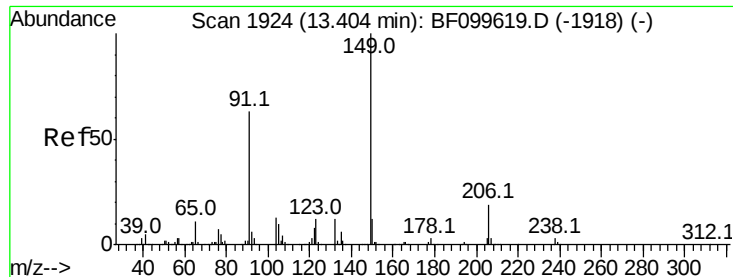
#78
 Terphenyl-d14
 Concen: 79.709 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:244 Resp: 642415
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.6 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

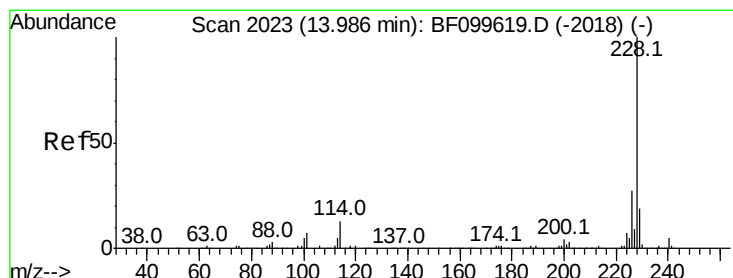
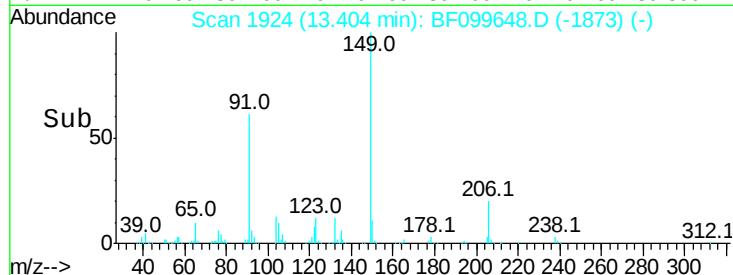
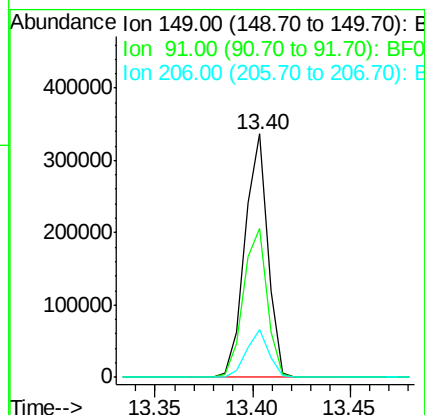
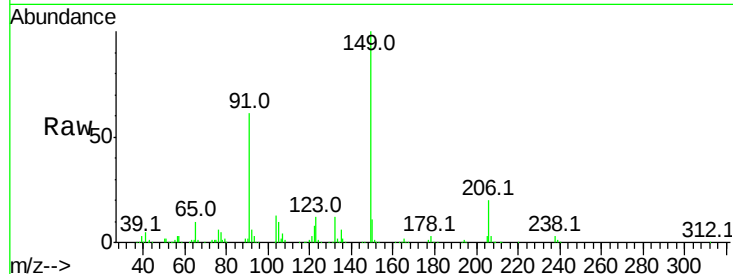




#79
Butylbenzylphthalate
Concen: 41.616 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

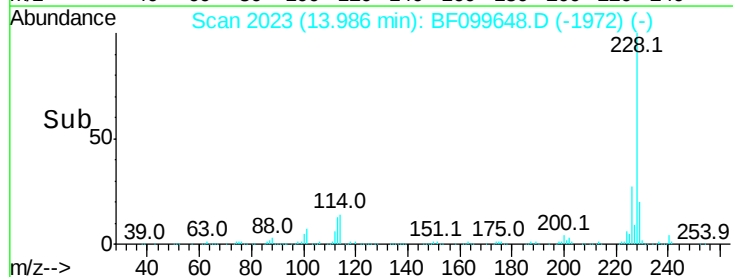
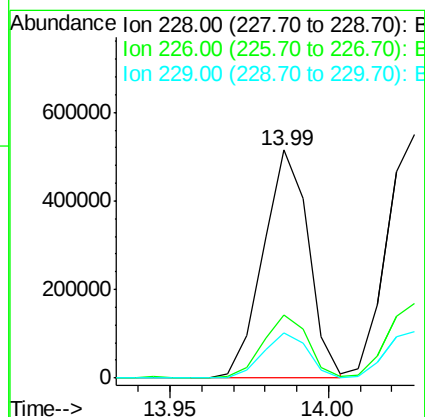
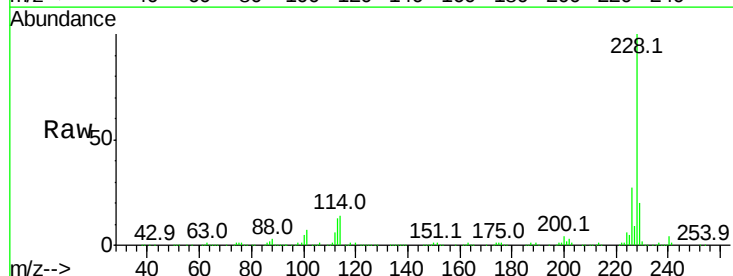
Instrument :
BNA_F
ClientSampleId :

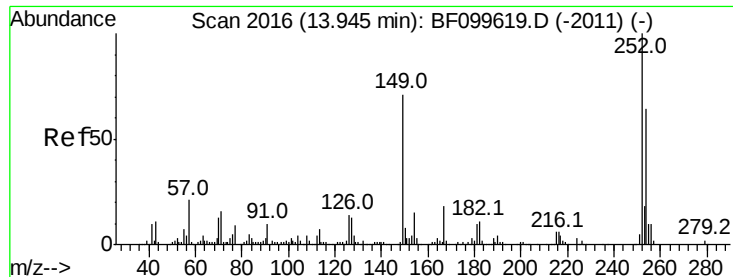
Tot Ion:149 Resp: 273362
Ion Ratio Lower Upper
149 100
91 61.3 56.8 85.2
206 19.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.018 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:228 Resp: 510739
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 41.397 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

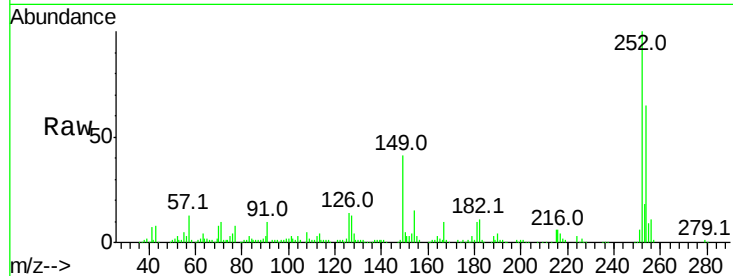
Tot Ion:252 Resp: 168430

Ion Ratio Lower Upper

252 100

254 64.9 50.4 75.6

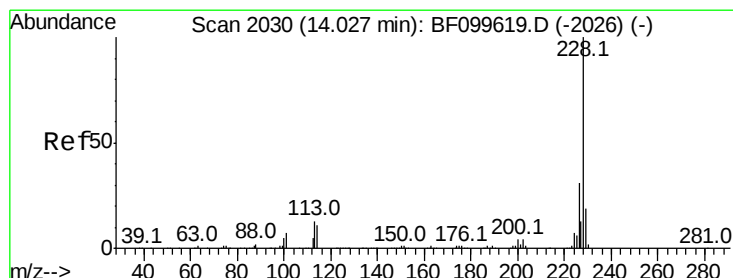
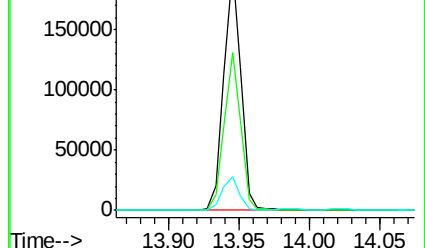
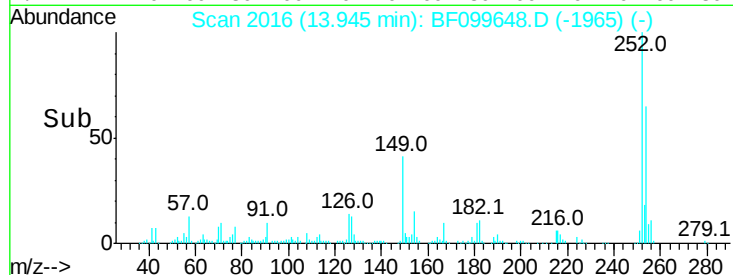
126 14.0 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 46.181 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

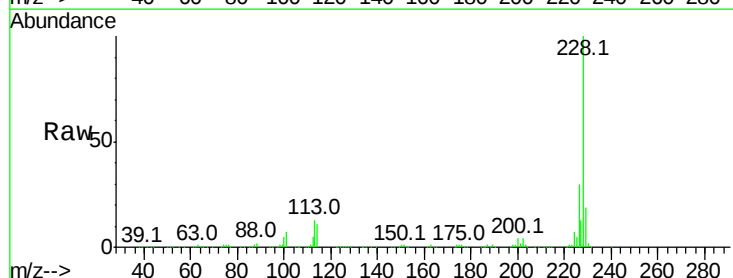
Tgt Ion:228 Resp: 487965

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

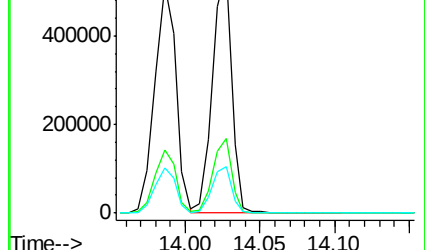
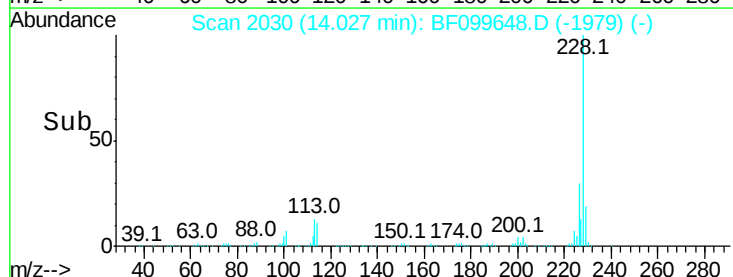
229 19.2 16.2 24.4

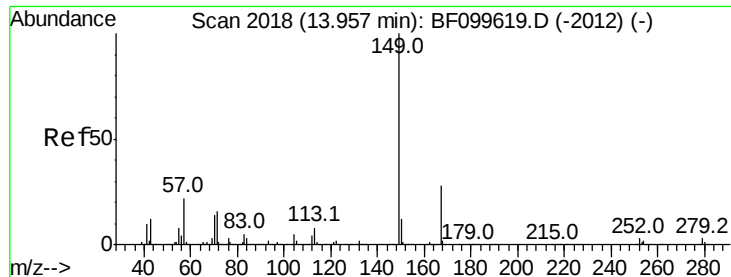


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

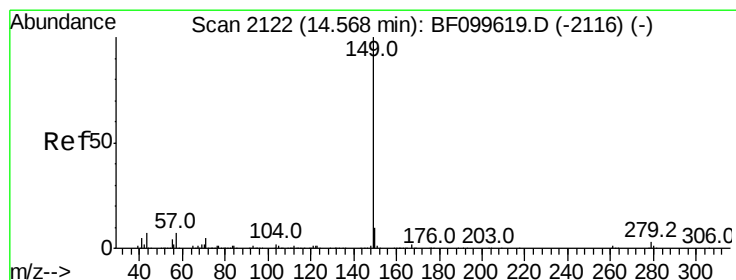
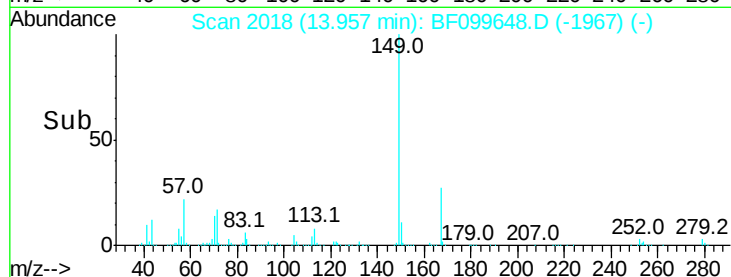
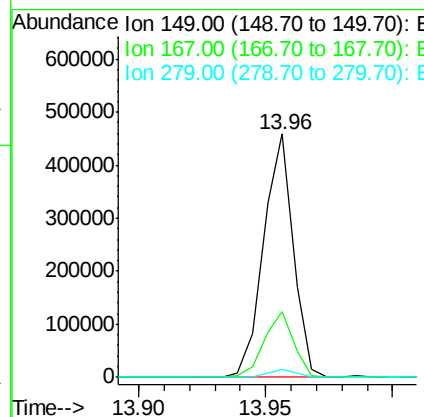
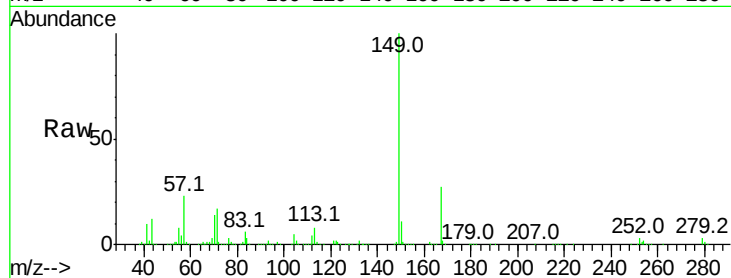




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.624 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

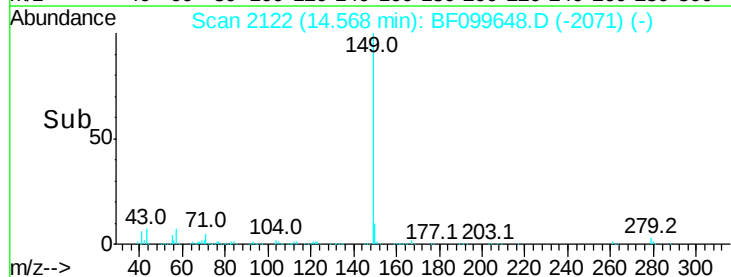
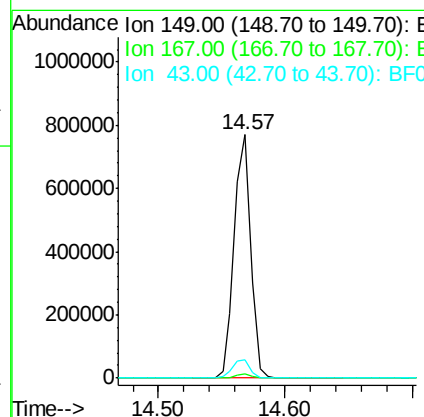
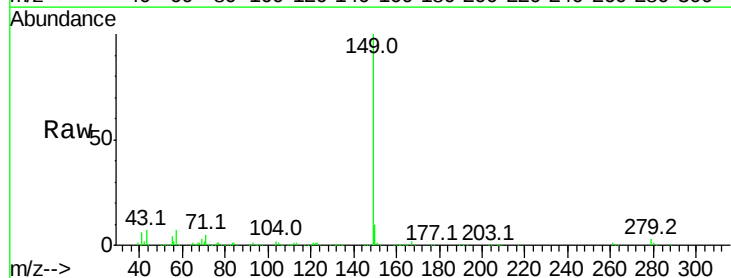
Instrument :
 BNA_F
 ClientSampleId :

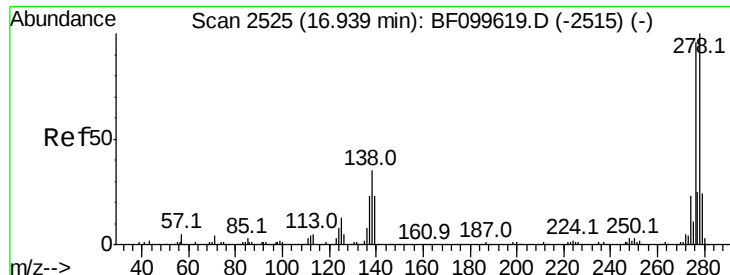
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 47.643 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	8.4	12.6#

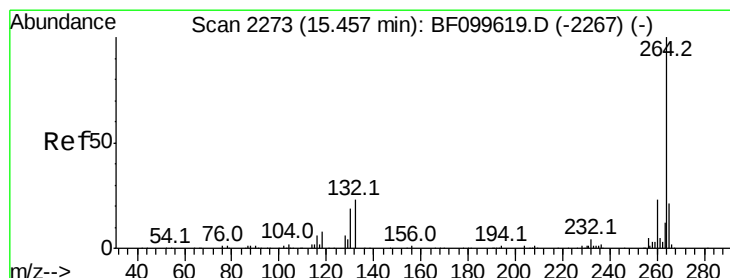
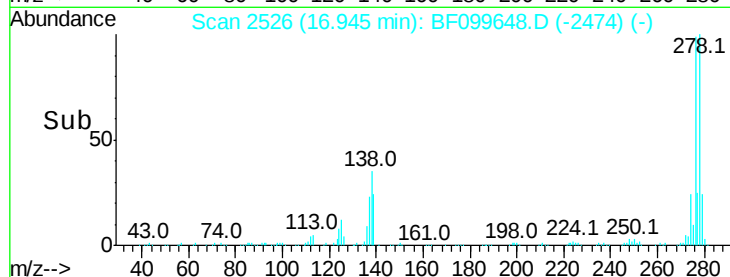
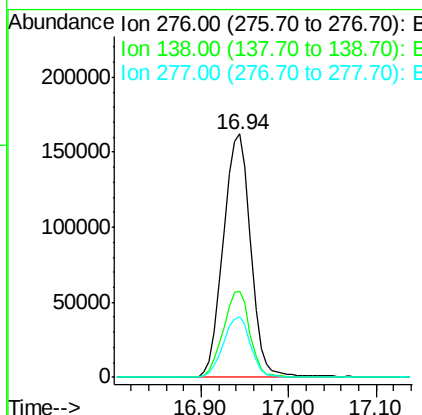
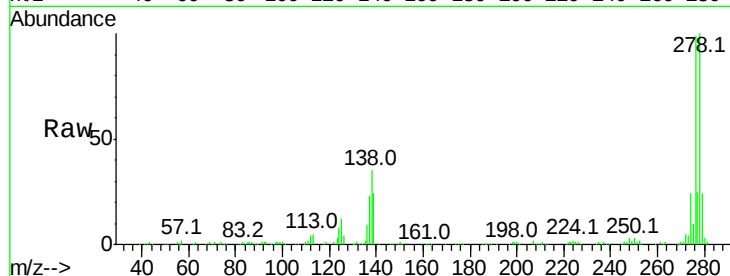




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.399 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. 0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

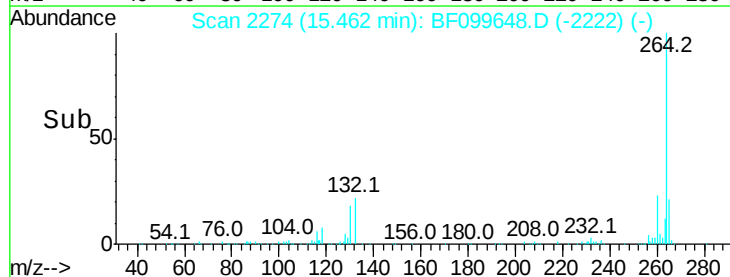
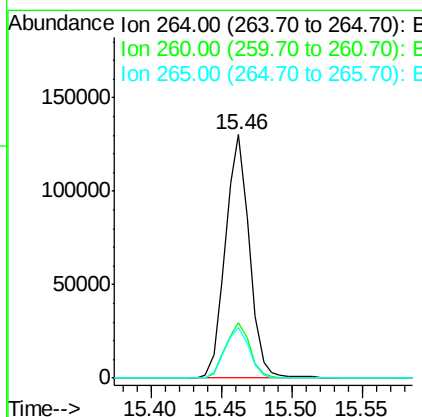
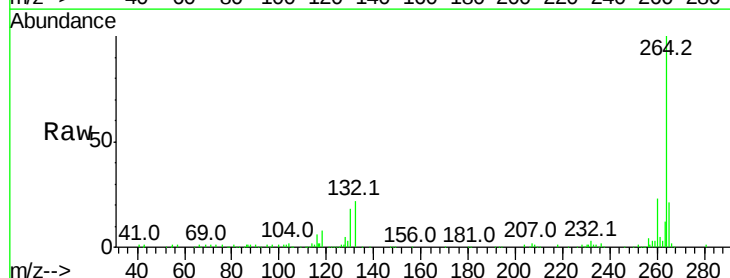
Instrument :
 BNA_F
 ClientSampleId :

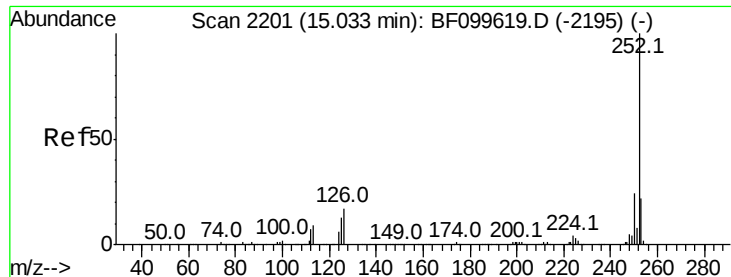
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.6	17.5	26.3

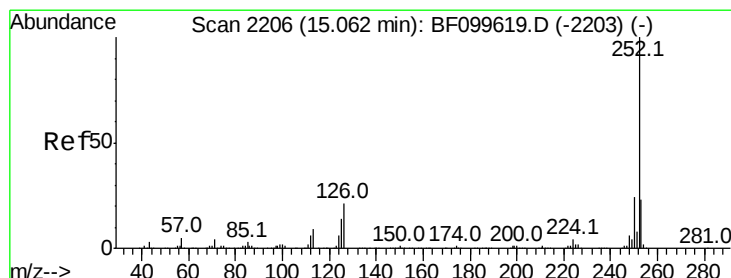
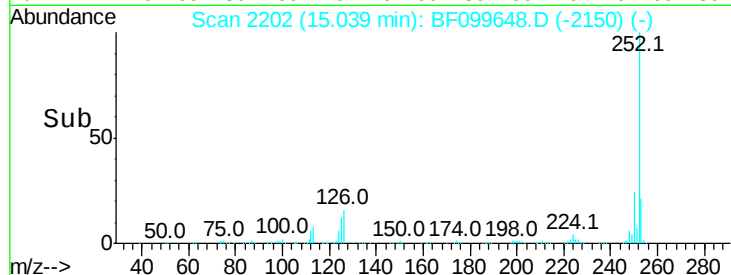
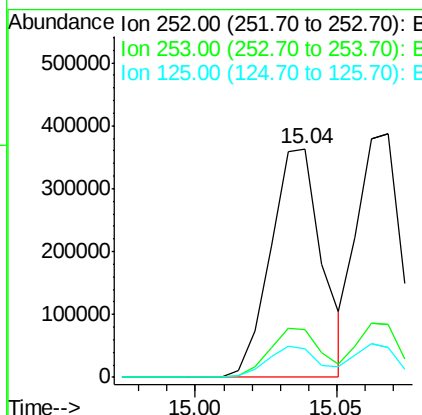
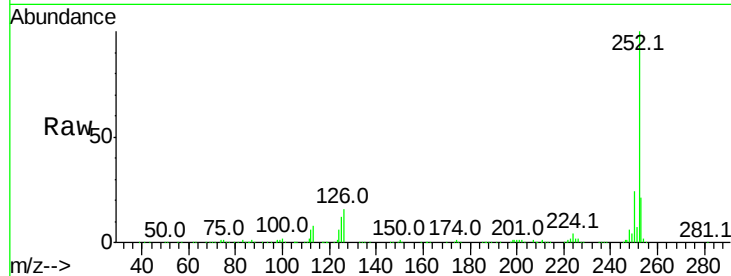




#87
Benzo(b)fluoranthene
Concen: 48.500 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

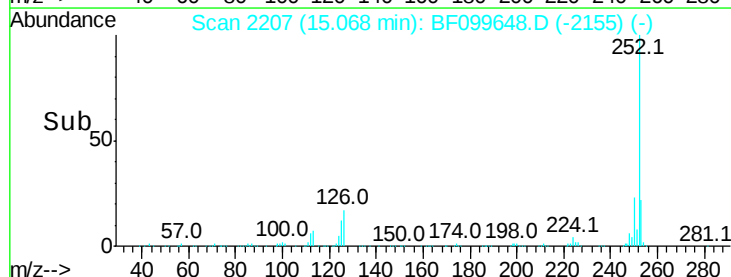
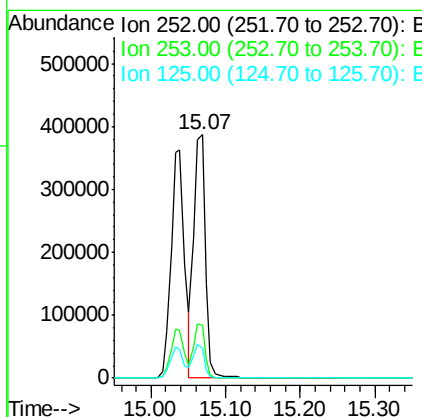
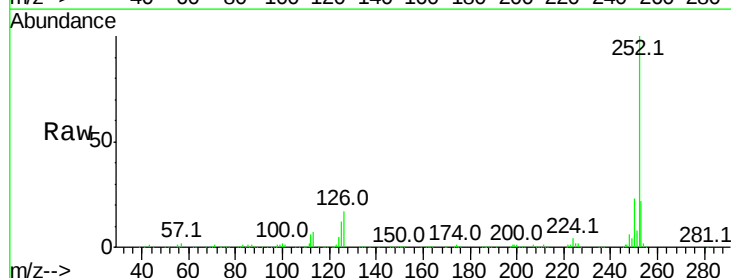
Instrument :
BNA_F
ClientSampleId :

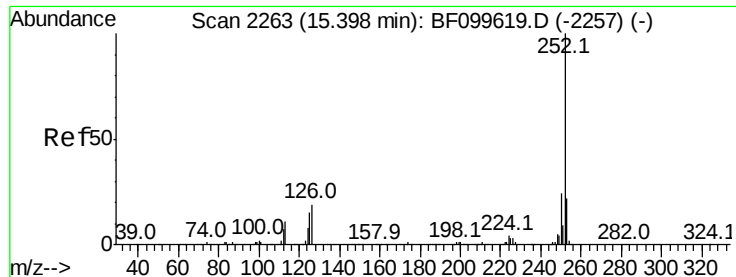
Tot Ion:252 Resp: 459029
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.295 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:252 Resp: 423425
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 45.670 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

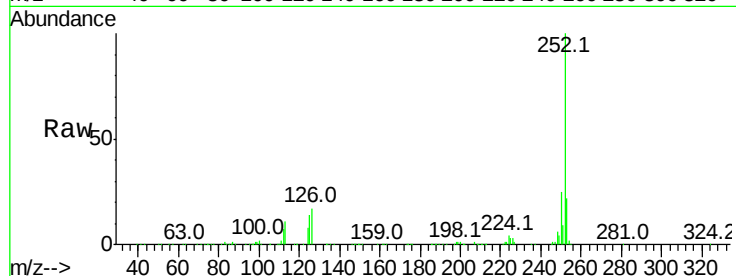
Tot Ion:252 Resp: 396774

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

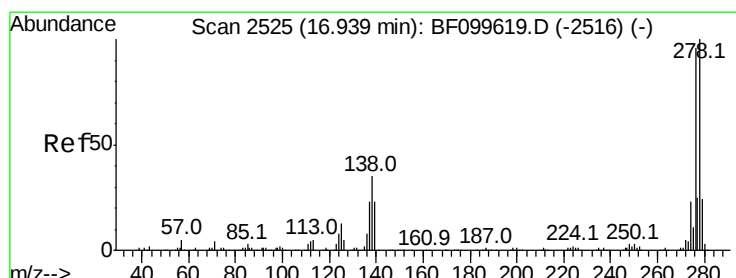
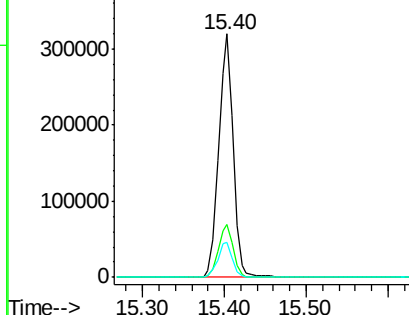
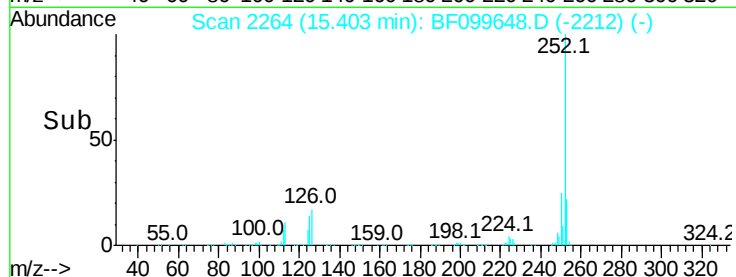
125 14.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.267 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

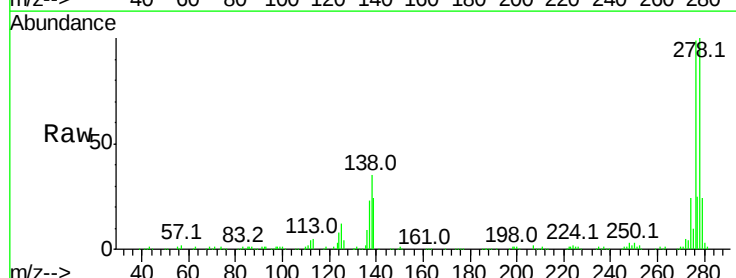
Tgt Ion:278 Resp: 293873

Ion Ratio Lower Upper

278 100

139 23.6 15.9 23.9

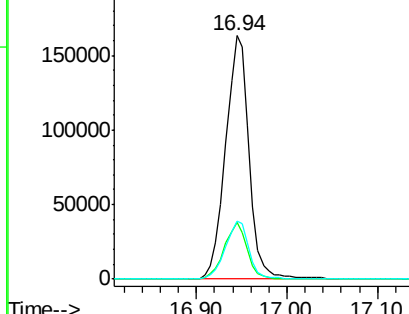
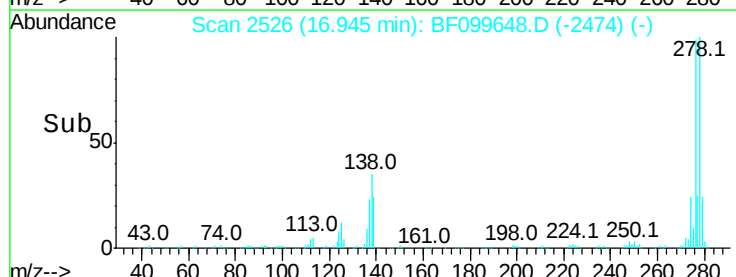
279 23.9 19.0 28.4

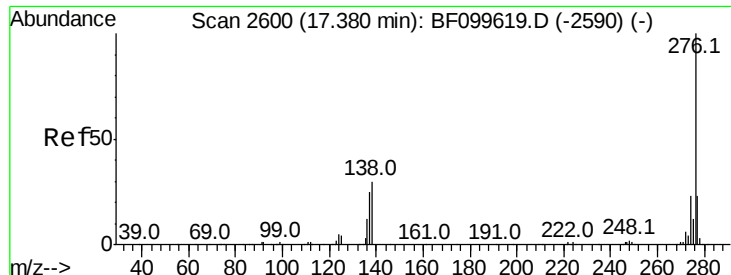


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.519 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.02 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

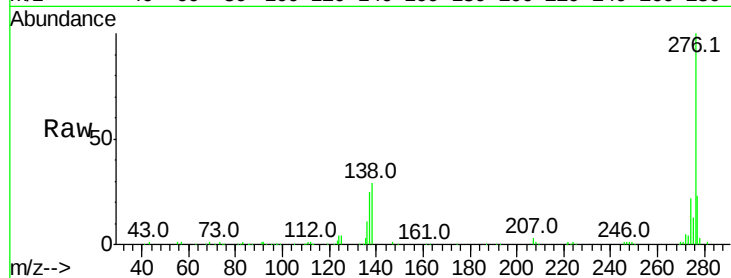
Tot Ion:276 Resp: 285349

Ion Ratio Lower Upper

276 100

277 22.7 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

