

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099448.D
 Acq On : 13 Oct 2017 19:16
 Operator : SJ/JU
 Sample : PB103199BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 22:51:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	98222	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	382826	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	155318	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	227086	20.00	ng	0.00
75) Chrysene-d12	14.02	240	165424	20.00	ng	0.00
86) Perylene-d12	15.49	264	185683	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	731140	118.50	ng	0.02
7) Phenol-d6	6.49	99	880416	115.67	ng	0.00
23) Nitrobenzene-d5	7.42	82	513793	86.07	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	148819	117.10	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	937358	100.75	ng	0.00
78) Terphenyl-d14	12.96	244	597204	82.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	90605	30.74	ng	95
3) Pyridine	3.46	79	249129	31.25	ng	94
4) n-Nitrosodimethylamine	3.40	42	107799	31.88	ng	83
6) Aniline	6.52	93	305044	29.69	ng	98
8) 2-Chlorophenol	6.65	128	269183	38.52	ng	93
9) Benzaldehyde	6.41	77	92161	20.87	ng	95
10) Phenol	6.51	94	331743	38.97	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	248370	37.53	ng	98
12) 1,3-Dichlorobenzene	6.79	146	284548	38.88	ng	97
13) 1,4-Dichlorobenzene	6.87	146	287204	38.58	ng	99
14) 1,2-Dichlorobenzene	7.03	146	266711	38.77	ng	96
15) Benzyl Alcohol	7.00	79	205168	36.74	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	352408	34.18	ng	92
17) 2-Methylphenol	7.11	107	220500	38.57	ng	99
18) Hexachloroethane	7.36	117	97882	36.58	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	163099	33.56	ng	93
20) 3+4-Methylphenols	7.26	107	264176	36.52	ng	# 75
22) Acetophenone	7.27	105	346759	37.39	ng	# 98
24) Nitrobenzene	7.44	77	263184	38.87	ng	97
25) Isophorone	7.67	82	474826	38.47	ng	100
26) 2-Nitrophenol	7.76	139	145018	44.53	ng	# 87
27) 2,4-Dimethylphenol	7.79	122	233265	37.93	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	308727	40.14	ng	99
29) 2,4-Dichlorophenol	8.00	162	220549	41.77	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	218646	41.40	ng	99
31) Naphthalene	8.16	128	734332	40.84	ng	99
32) Benzoic acid	7.92	122	121444	24.04	ng	96
33) 4-Chloroaniline	8.21	127	170268	22.68	ng	95
34) Hexachlorobutadiene	8.27	225	109512	40.26	ng	98
35) Caprolactam	8.59	113	68047	40.18	ng	# 85
36) 4-Chloro-3-methylphenol	8.69	107	219894	37.05	ng	96
37) 2-Methylnaphthalene	8.85	142	497717	42.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	197684	42.68	ng	99
40) Hexachlorocyclopentadiene	9.00	237	74405	35.15	ng	98

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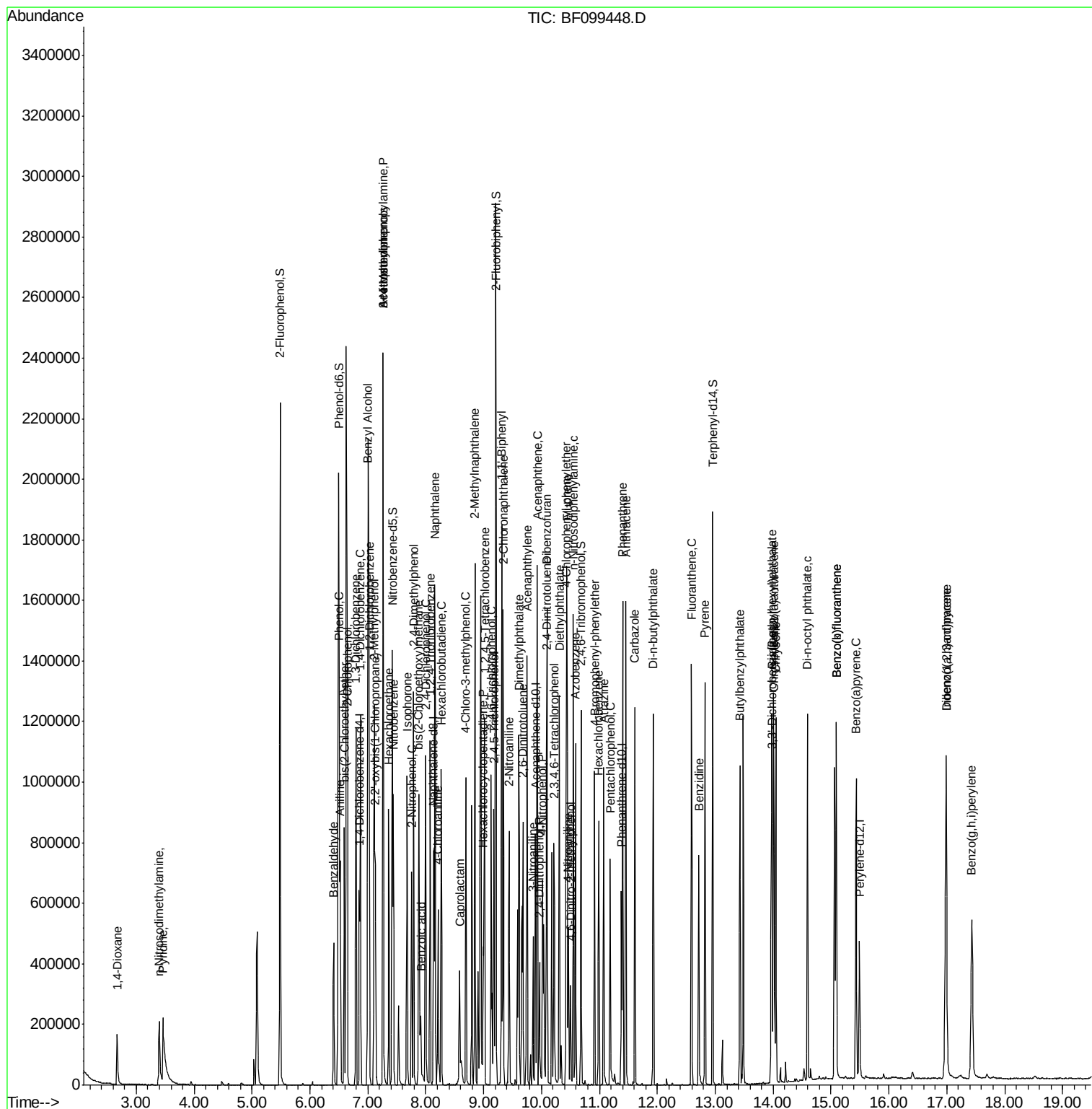
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	134616	41.02	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	139139	42.48	nq	96
45) 1,1'-Biphenyl	9.31	154	573585	42.97	nq	99
46) 2-Chloronaphthalene	9.34	162	439413	43.84	nq	98
47) 2-Nitroaniline	9.44	65	125302	40.83	nq	92
48) Acenaphthylene	9.76	152	658313	42.91	nq	99
49) Dimethylphthalate	9.61	163	518020	44.19	nq	100
50) 2,6-Dinitrotoluene	9.68	165	110457	43.28	nq	# 85
51) Acenaphthene	9.93	154	381795	39.28	nq	98
52) 3-Nitroaniline	9.85	138	83124	27.93	nq	93
53) 2,4-Dinitrophenol	9.96	184	55497	44.55	nq	96
54) Dibenzofuran	10.10	168	570329	44.07	nq	100
55) 4-Nitrophenol	10.02	139	134561	53.48	nq	91
56) 2,4-Dinitrotoluene	10.09	165	136802	41.30	nq	# 92
57) Fluorene	10.44	166	435572	41.88	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	92424	40.84	nq	97
59) Diethylphthalate	10.31	149	473454	41.33	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	200160	42.84	nq	99
61) 4-Nitroaniline	10.47	138	106452	37.08	nq	84
62) Azobenzene	10.59	77	426127	40.46	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	43424	31.43	nq	79
65) n-Nitrosodiphenylamine	10.55	169	383880	48.80	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	108469	48.80	nq	100
67) Hexachlorobenzene	10.99	284	104353	43.96	nq	97
68) Atrazine	11.07	200	112042	47.34	nq	99
69) Pentachlorophenol	11.19	266	81441	55.12	nq	99
70) Phenanthrene	11.40	178	553692	45.55	nq	99
71) Anthracene	11.46	178	562549	45.23	nq	99
72) Carbazole	11.61	167	508482	41.75	nq	100
73) Di-n-butylphthalate	11.93	149	630469	43.01	nq	99
74) Fluoranthene	12.59	202	501751	40.76	nq	98
76) Benzidine	12.72	184	309542	50.59	nq	97
77) Pyrene	12.82	202	511259	40.53	nq	100
79) Butylbenzylphthalate	13.43	149	230870	38.94	nq	97
80) Benzo(a)anthracene	14.01	228	445931	44.52	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	153613	41.83	nq	100
82) Chrysene	14.04	228	428315	44.91	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	316254	38.74	nq	# 98
84) Di-n-octyl phthalate	14.59	149	570528	43.41	nq	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	508895	66.71	nq	97
87) Benzo(b)fluoranthene	15.09	252	428440	37.53	nq	97
88) Benzo(k)fluoranthene	15.09	252	428440	38.00	nq	99
89) Benzo(a)pyrene	15.43	252	474287	45.26	nq	# 97
90) Dibenzo(a,h)anthracene	16.99	278	424893	50.66	nq	95
91) Benzo(g,h,i)perylene	17.43	276	418304	50.46	nq	96

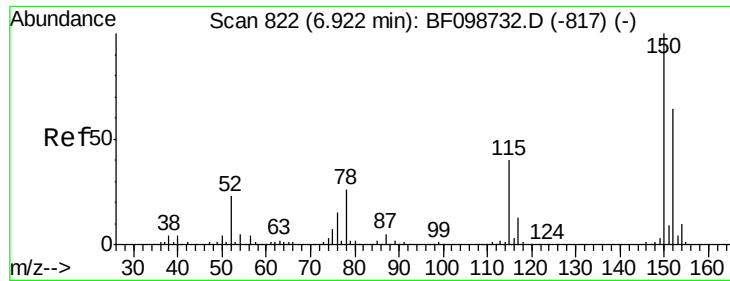
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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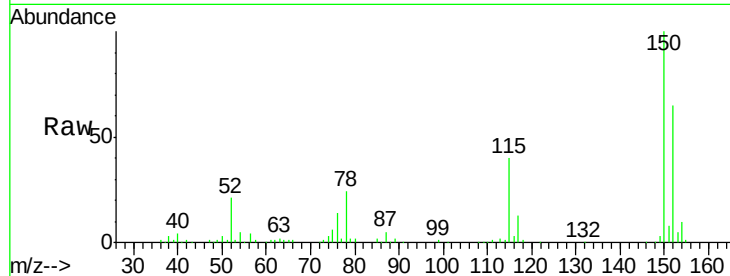


#1

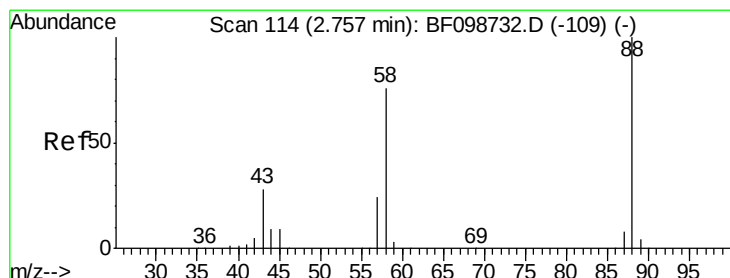
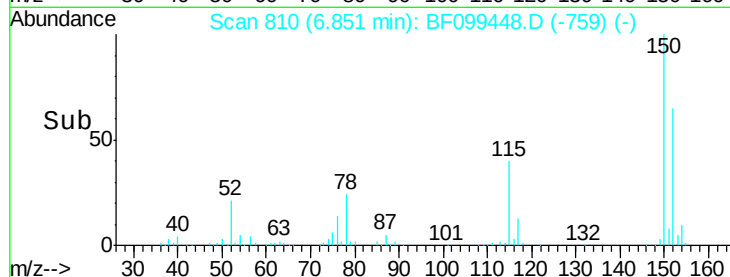
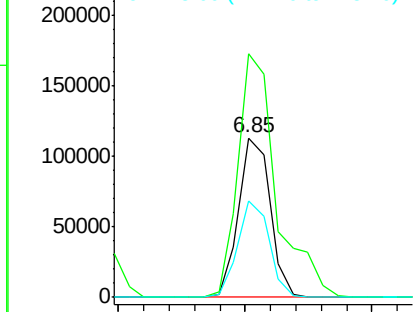
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98222
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 60.9 50.1 75.1



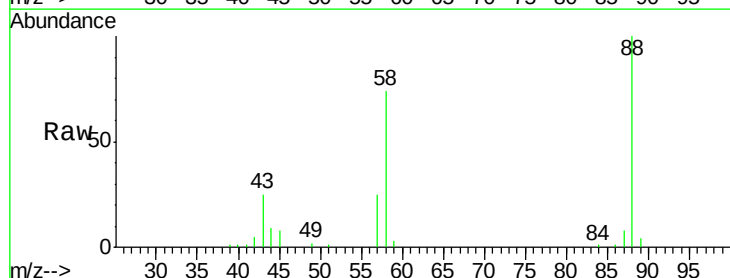
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



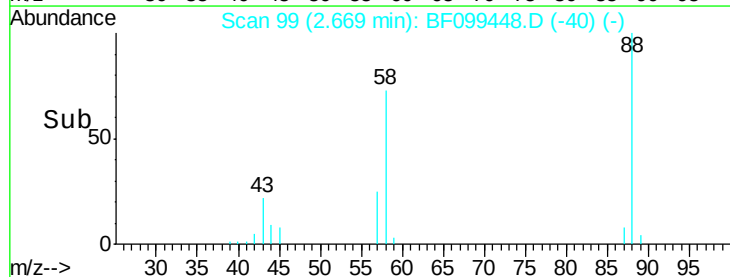
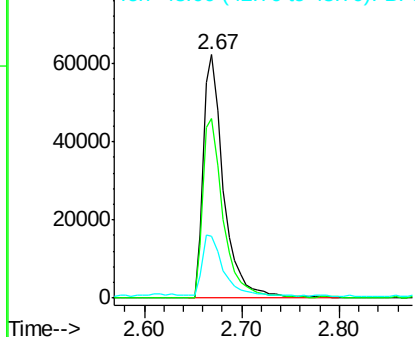
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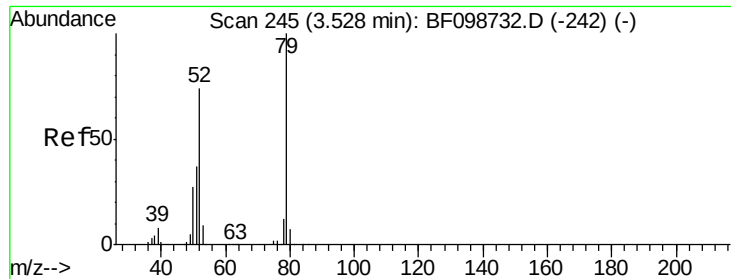
1,4-Dioxane
Concen: 30.74 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.05 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion: 88 Resp: 90605
Ion Ratio Lower Upper
88 100
58 74.7 62.6 93.8
43 26.3 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: 31.25 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.06 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampled :

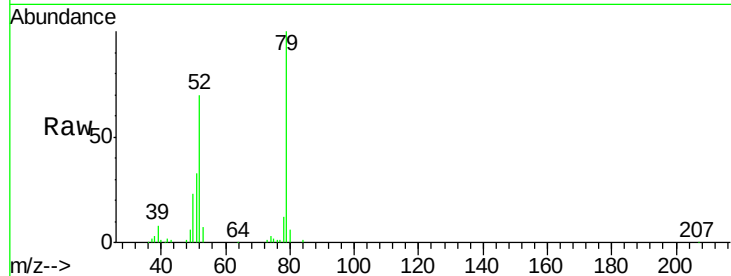
Tot Ion: 79 Resp: 249129

Ion Ratio Lower Upper

79 100

52 69.5 59.8 89.6

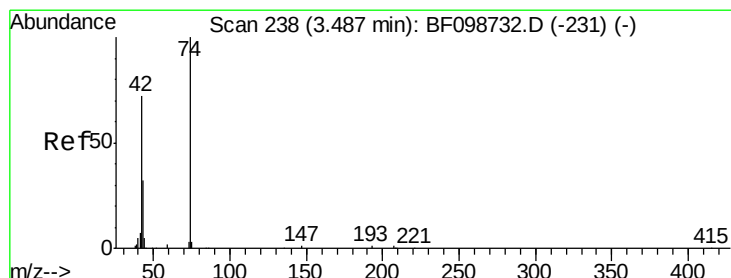
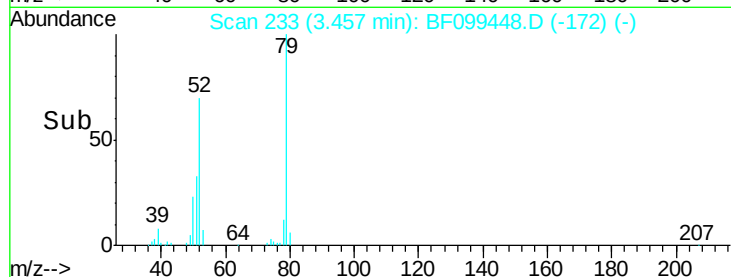
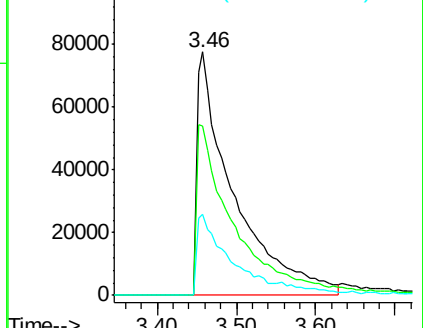
51 33.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.88 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

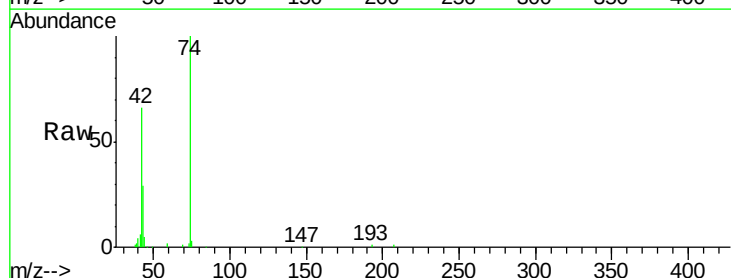
Tgt Ion: 42 Resp: 107799

Ion Ratio Lower Upper

42 100

74 152.2 104.9 157.3

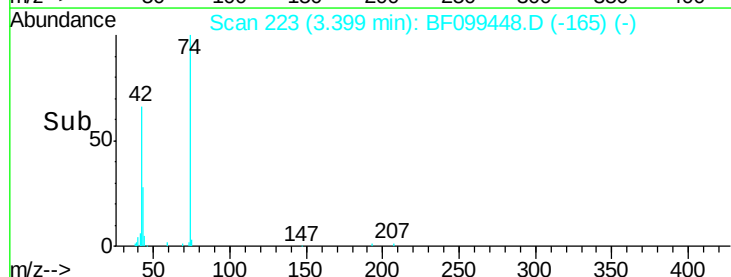
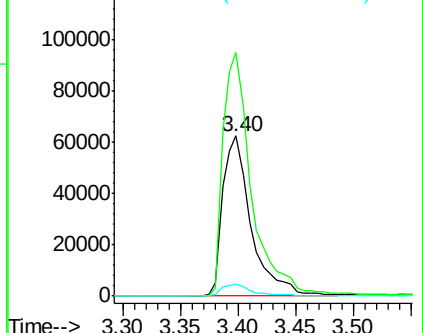
44 7.2 6.9 10.3

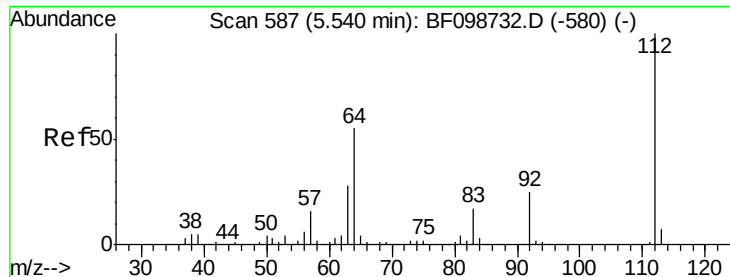


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

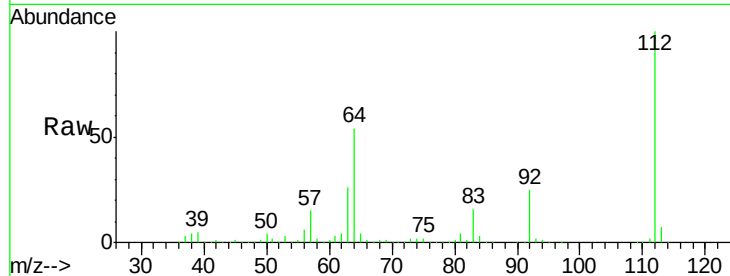




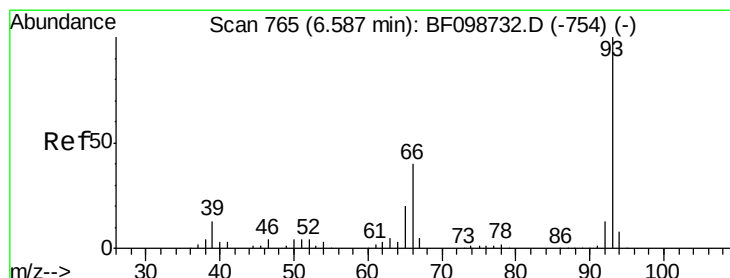
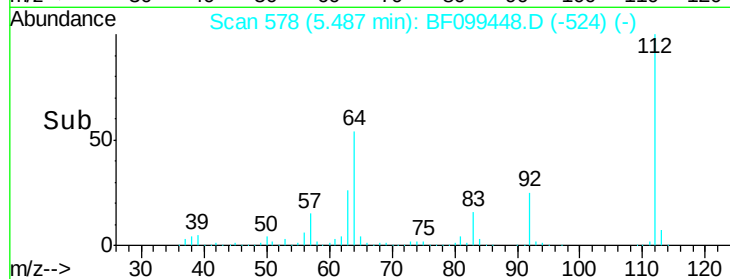
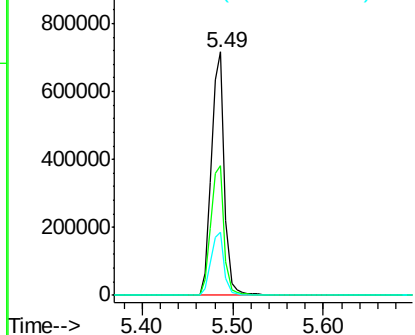
#5
 2-Fluorophenol
 Concen: 118.50 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 731140
 Ion Ratio Lower Upper
 112 100
 64 53.5 47.9 71.9
 63 26.1 23.7 35.5

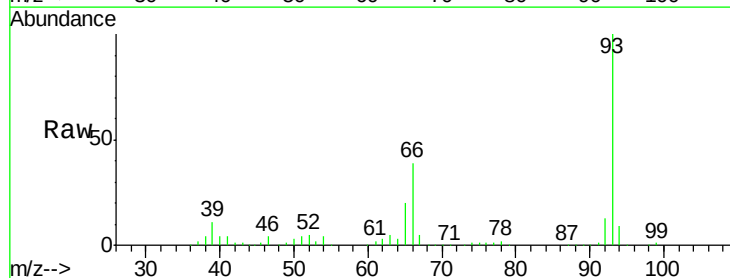


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

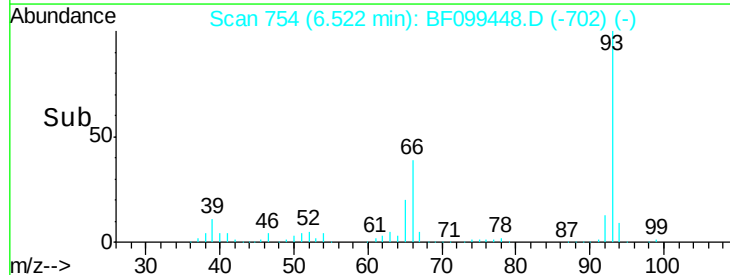
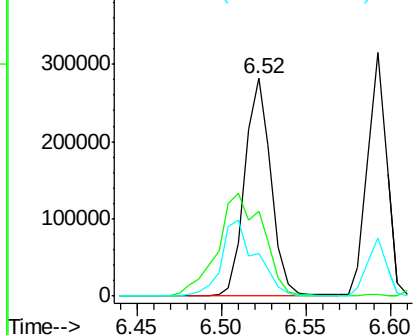


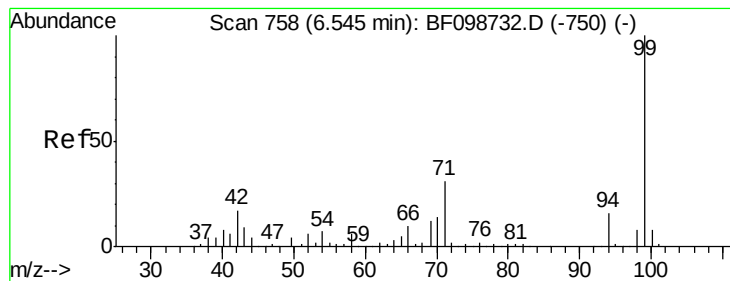
#6
 Aniline
 Concen: 29.69 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion: 93 Resp: 305044
 Ion Ratio Lower Upper
 93 100
 66 39.1 32.2 48.2
 65 19.8 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.67 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

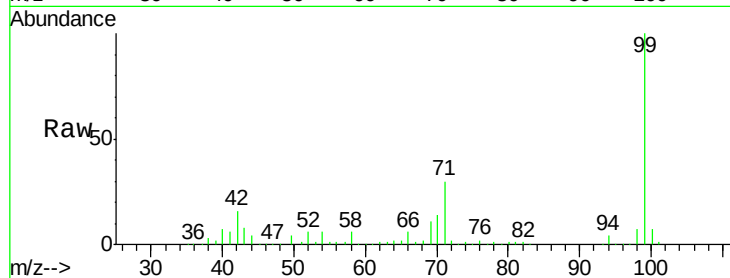
Tot Ion: 99 Resp: 880416

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

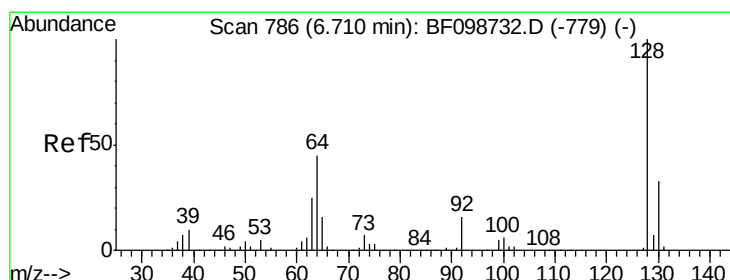
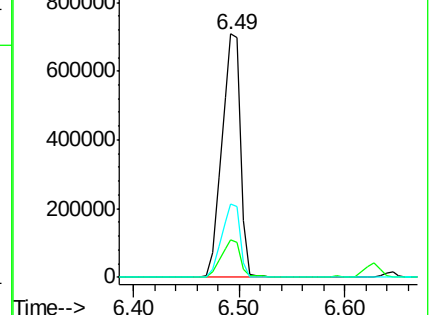
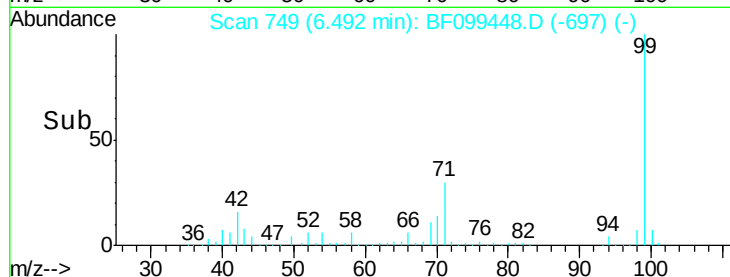
71 30.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.52 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

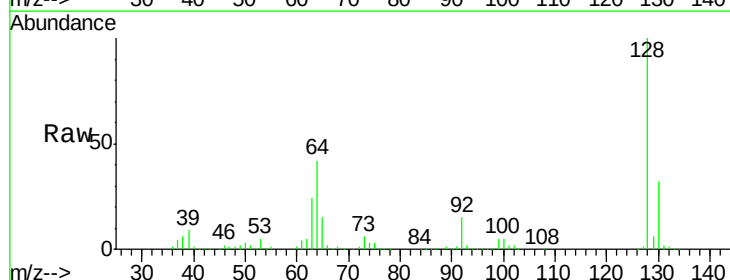
Tgt Ion: 128 Resp: 269183

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

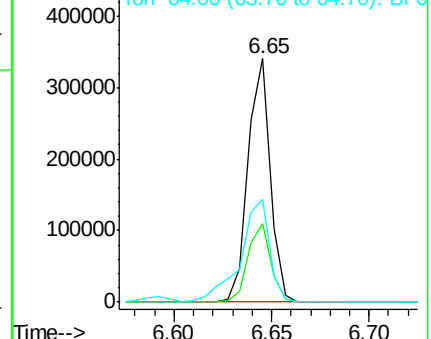
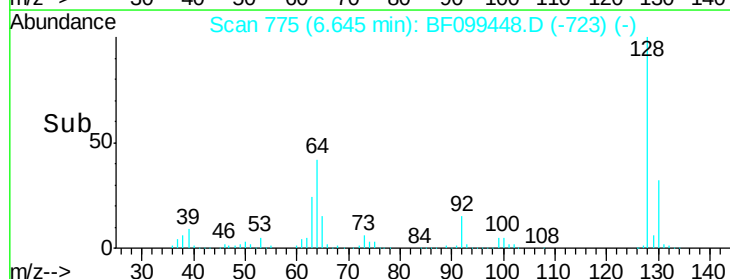
64 42.2 29.4 69.4

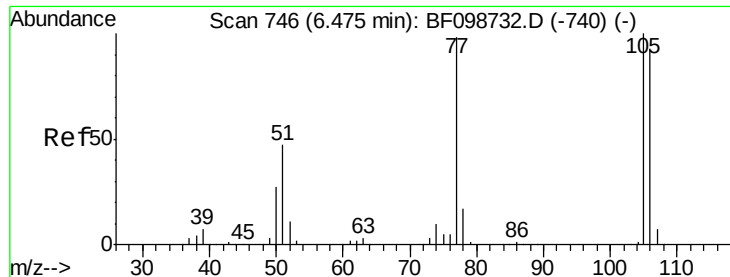


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.87 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

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ClientSampled :

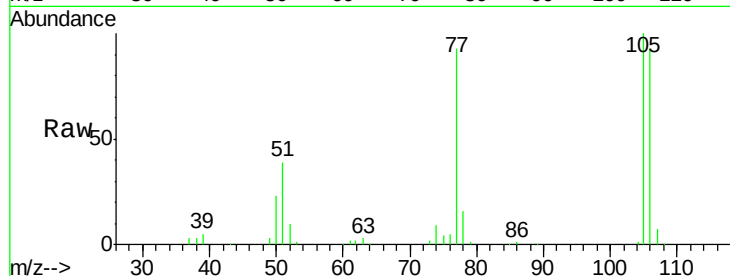
Tot Ion: 77 Resp: 92161

Ion Ratio Lower Upper

77 100

105 107.1 81.1 121.1

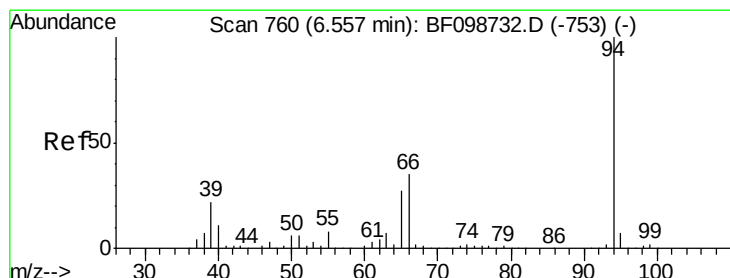
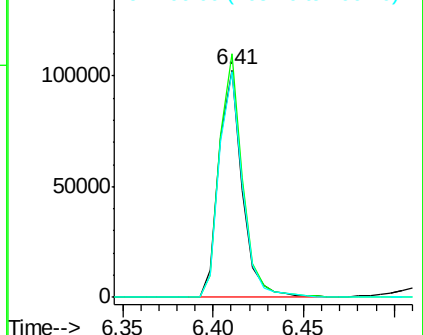
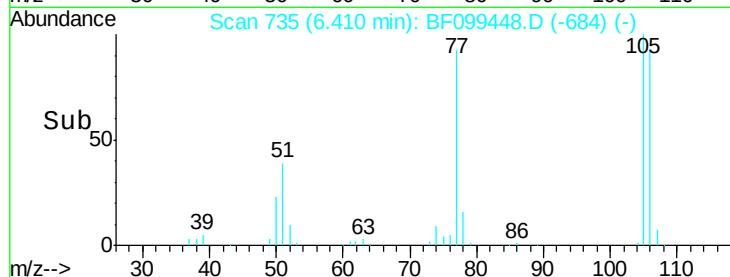
106 99.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.97 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

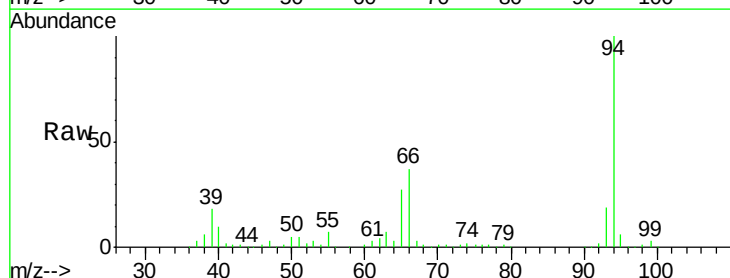
Tgt Ion: 94 Resp: 331743

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

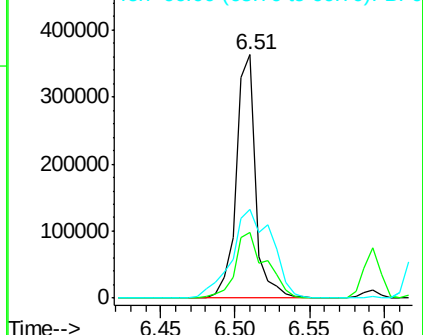
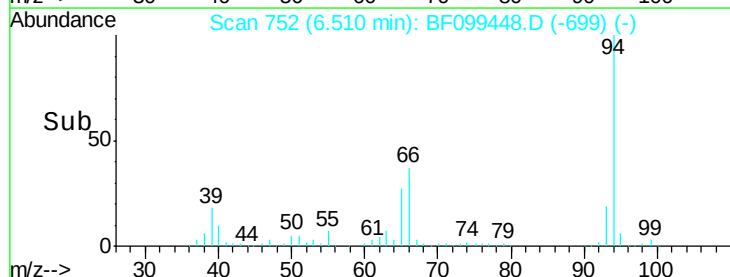
66 36.6 16.2 56.2

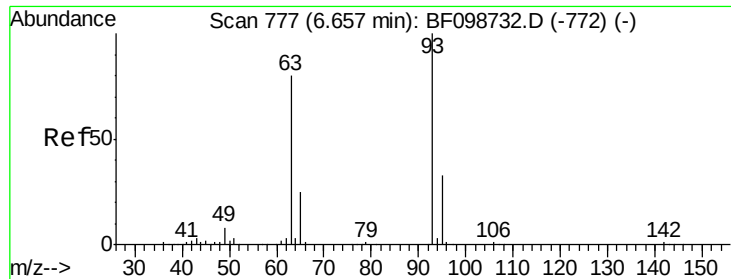


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

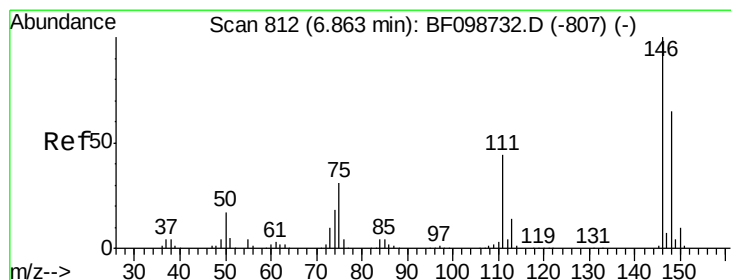
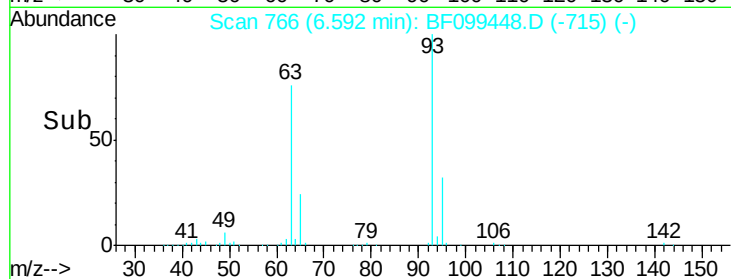
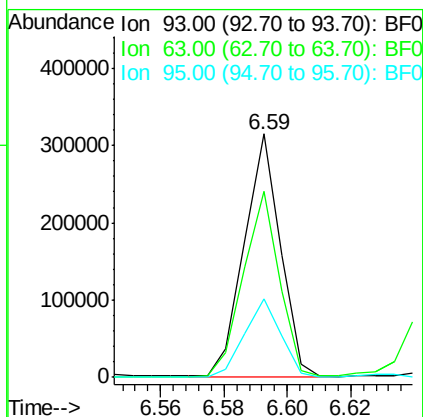
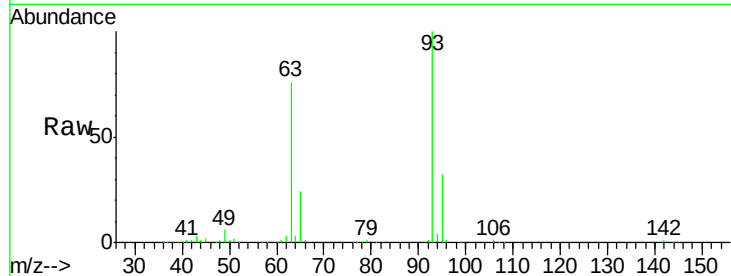




#11
 bis(2-Chloroethyl)ether
 Concen: 37.53 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

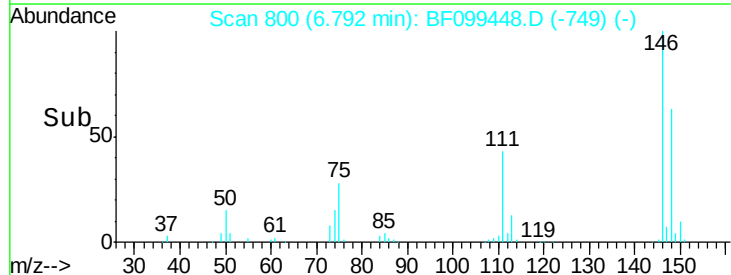
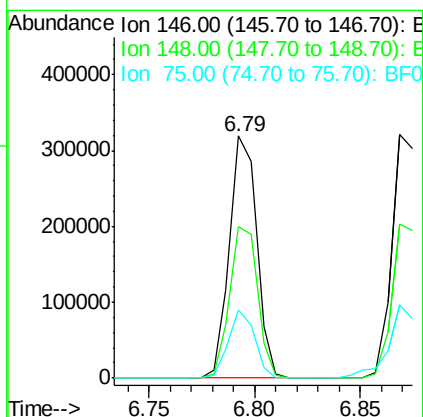
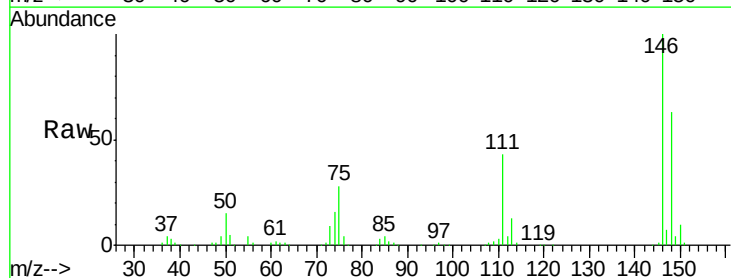
Instrument :
 BNA_F
 ClientSampleId :

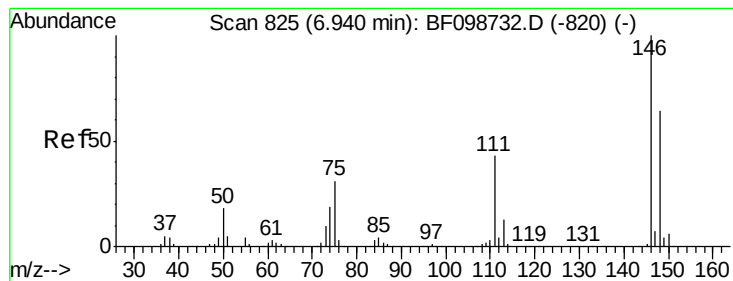
Tot Ion: 93 Resp: 248370
 Ion Ratio Lower Upper
 93 100
 63 76.3 58.6 98.6
 95 32.5 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.88 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion: 146 Resp: 284548
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.8 77.8
 75 28.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.58 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

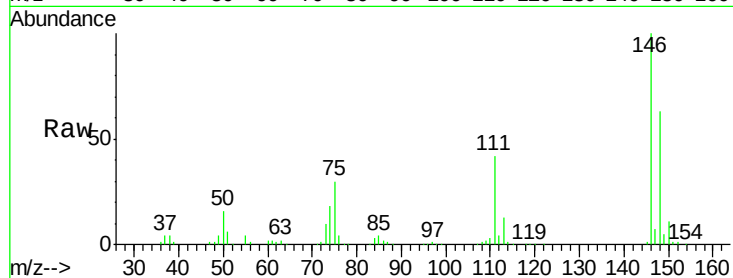
Tot Ion:146 Resp: 287204

Ion Ratio Lower Upper

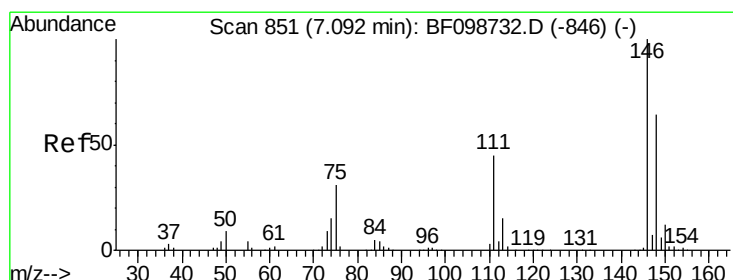
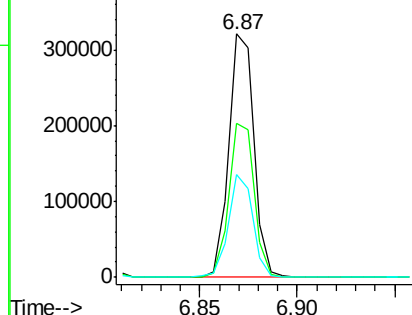
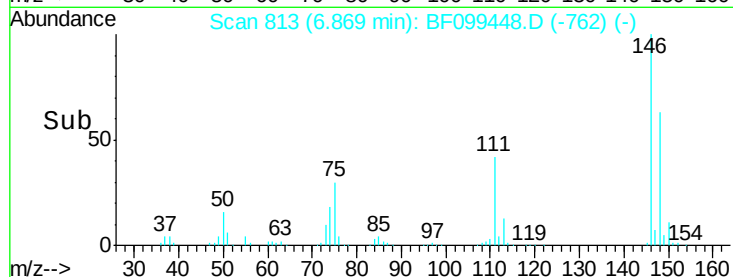
146 100

148 63.3 50.8 76.2

111 42.1 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: 38.77 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

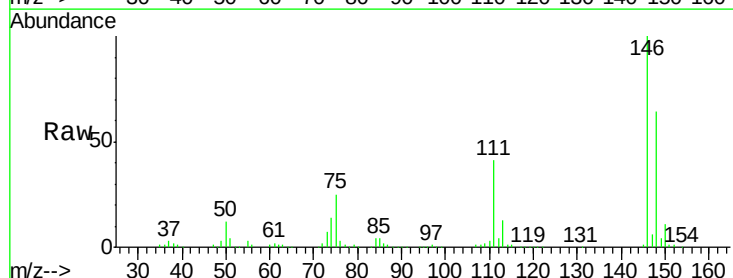
Tgt Ion:146 Resp: 266711

Ion Ratio Lower Upper

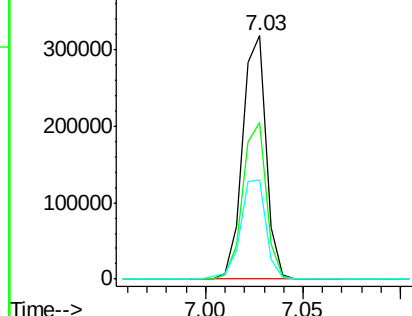
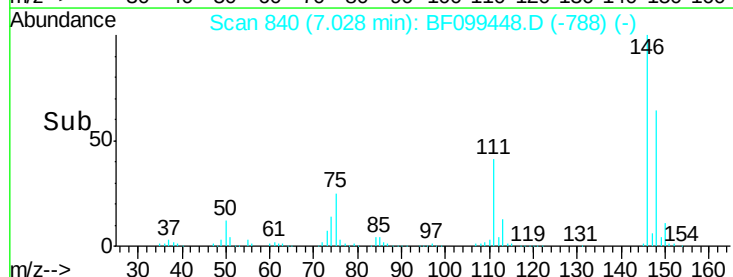
146 100

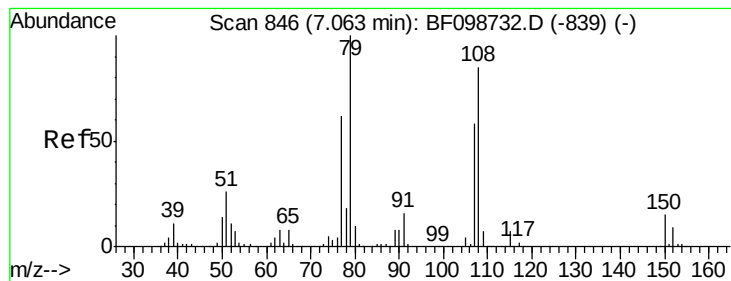
148 64.4 50.6 75.8

111 40.8 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: 36.74 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampled :

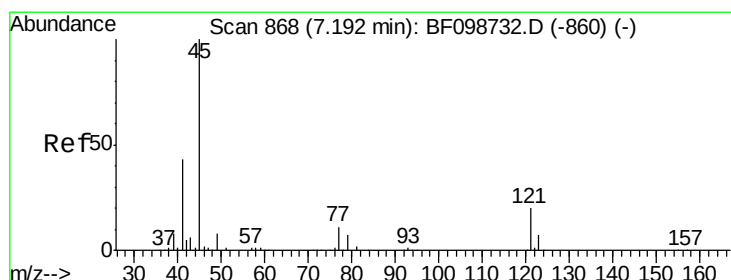
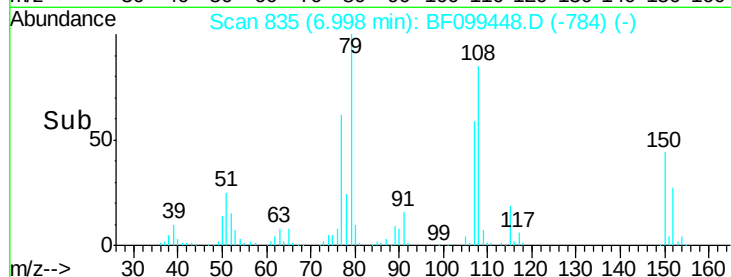
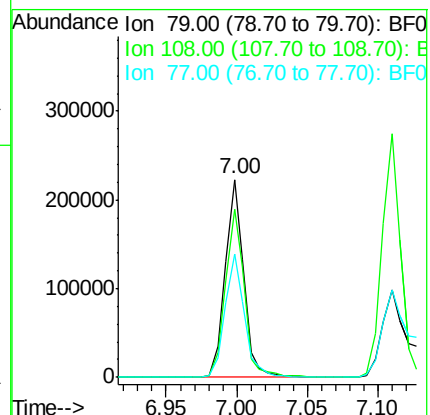
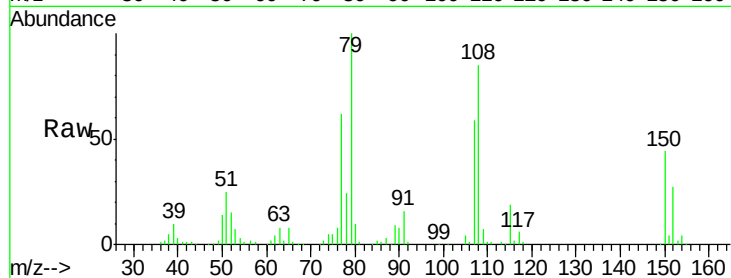
Tot Ion: 79 Resp: 205168

Ion Ratio Lower Upper

79 100

108 85.4 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.18 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

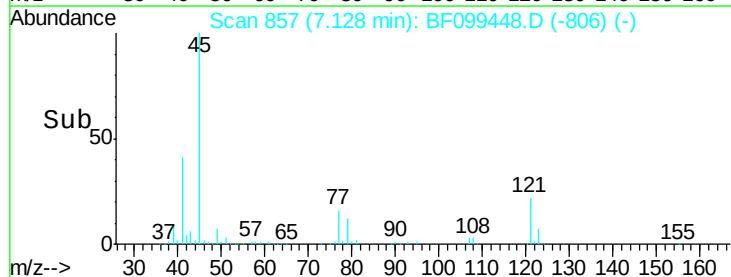
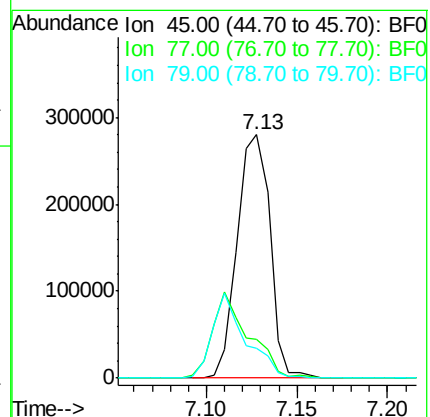
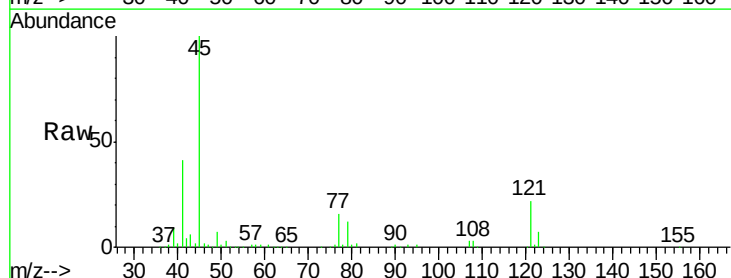
Tgt Ion: 45 Resp: 352408

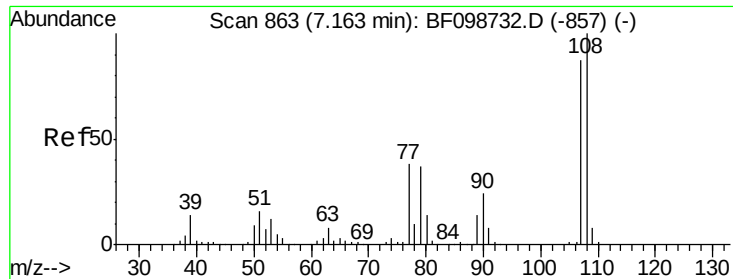
Ion Ratio Lower Upper

45 100

77 15.9 0.0 32.9

79 12.4 0.0 29.6

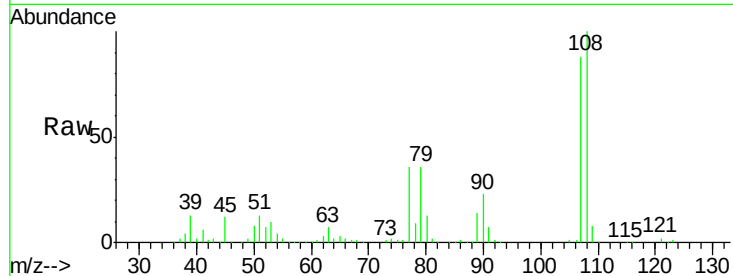




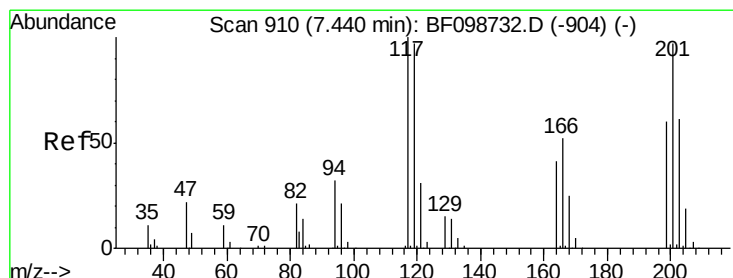
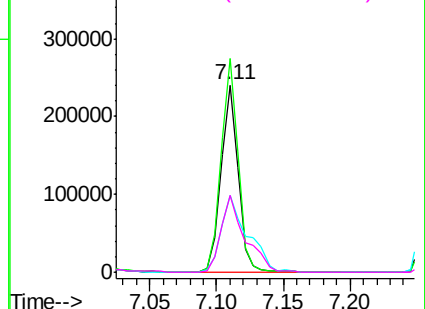
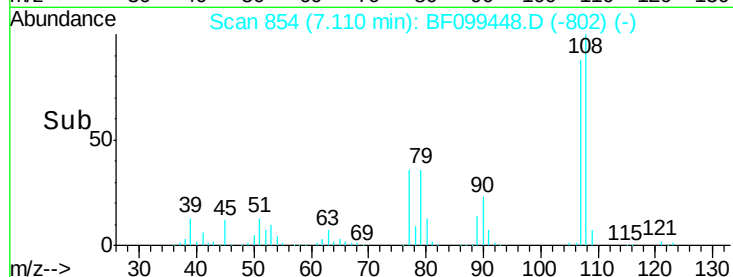
#17
2-Methylphenol
Concen: 38.57 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	220500
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	41.0	33.8	50.8
79	40.8	33.8	50.8

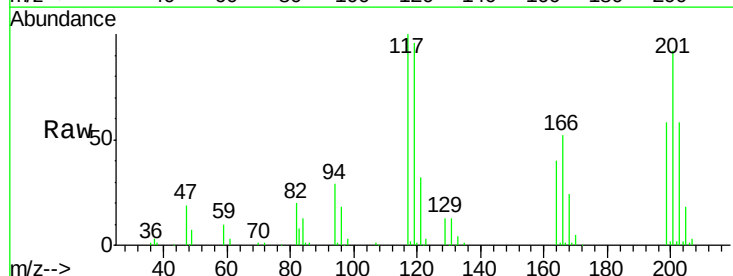


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

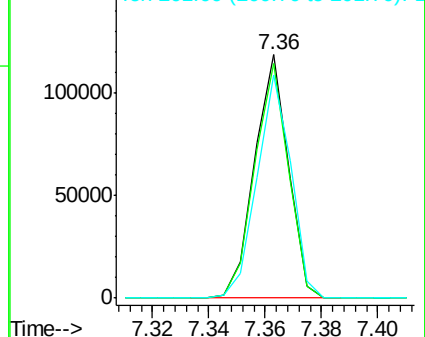
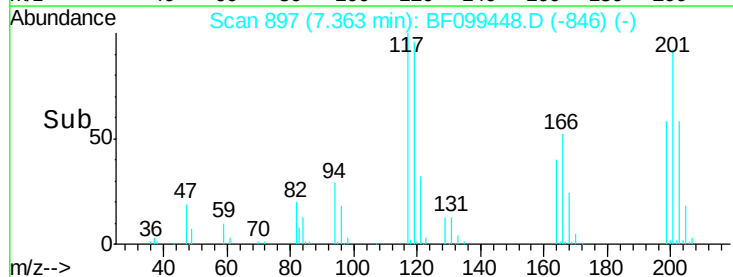


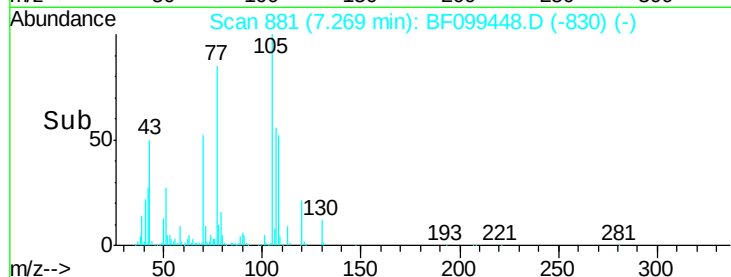
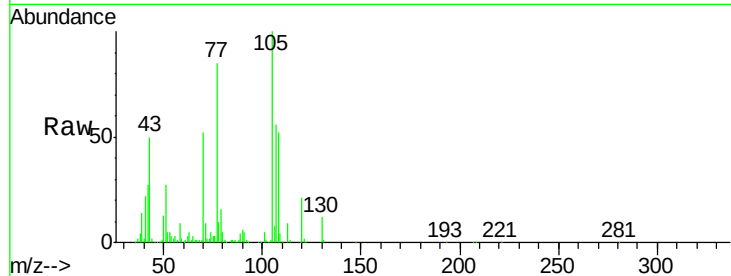
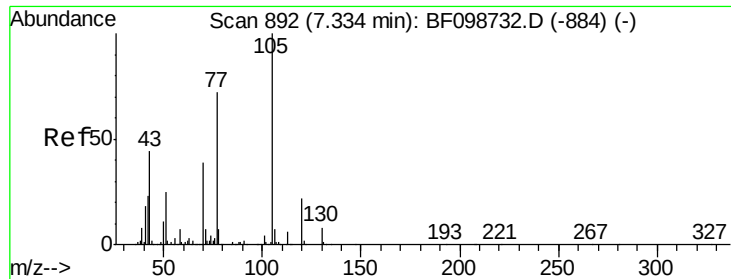
#18
Hexachloroethane
Concen: 36.58 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:	117	Resp:	97882
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	91.7	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

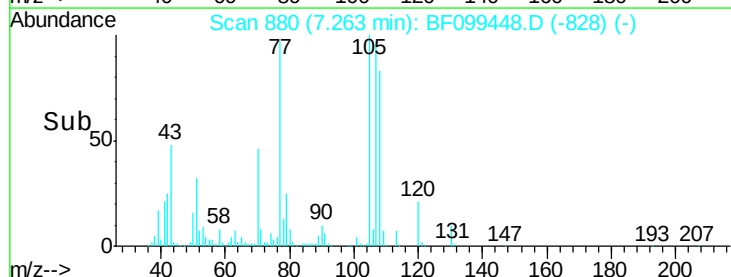
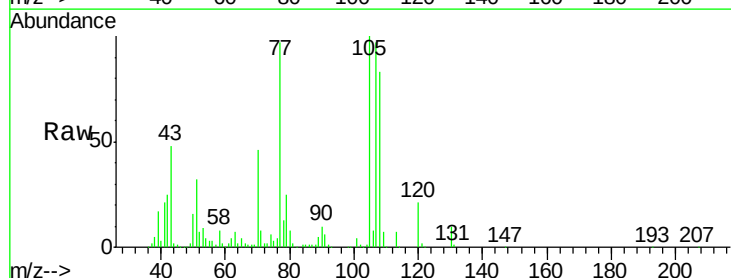
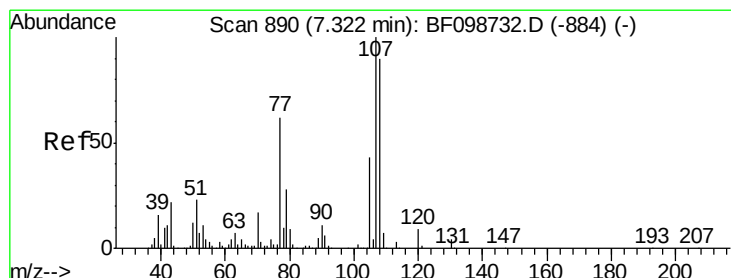
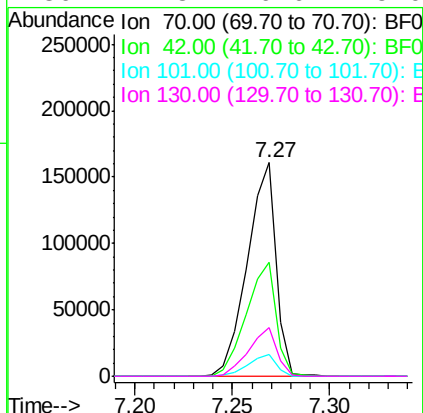




#19
n-Nitroso-di-n-propylamine
Concen: 33.56 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

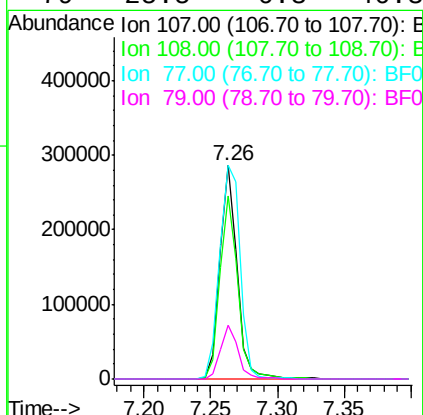
Instrument :
BNA_F
ClientSampled :

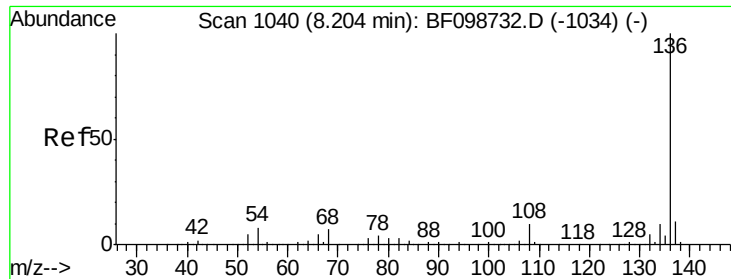
Tot Ion:	70	Resp:	163099
Ion	Ratio	Lower	Upper
70	100		
42	53.0	47.5	71.3
101	10.0	7.4	11.2
130	22.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.52 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:	107	Resp:	264176
Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.2	108.2
77	100.1	26.7	66.7#
79	25.5	6.3	46.3

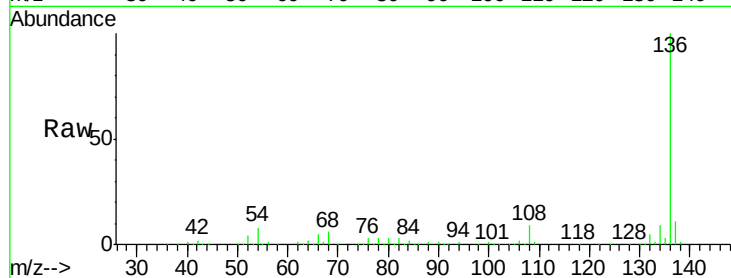




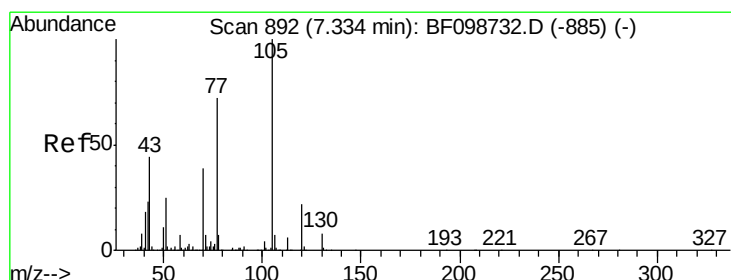
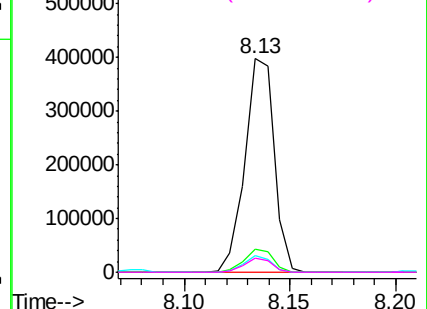
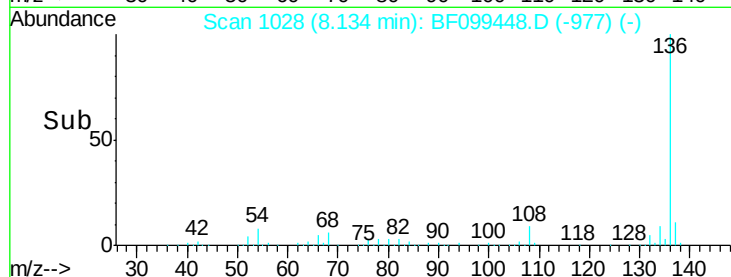
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	382826	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 7.6	6.6	9.8	
68 6.5	5.0	7.4	

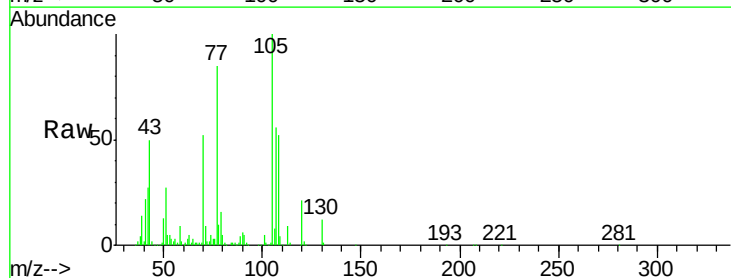


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

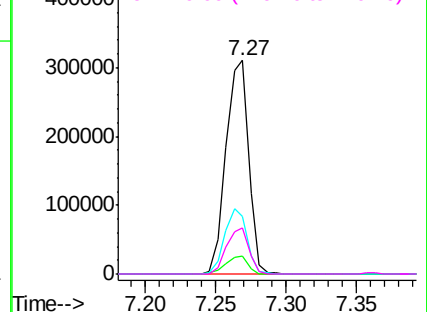
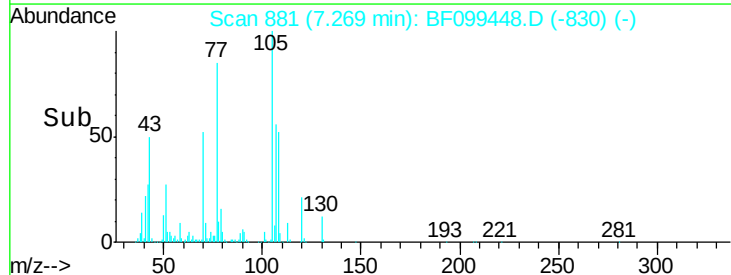


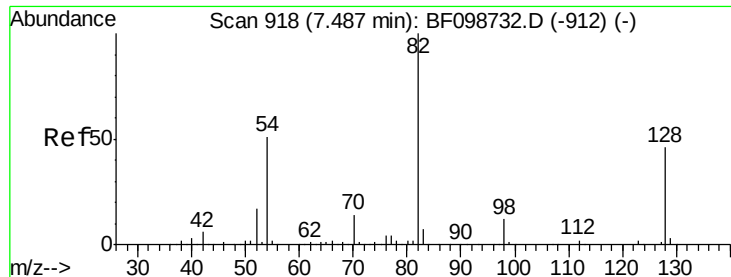
#22
Acetophenone
Concen: 37.39 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt	Ion:105	Resp:	346759
Ion	Ratio	Lower	Upper
105	100		
71	8.6	4.4	6.6#
51	26.7	22.3	33.5
120	21.5	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

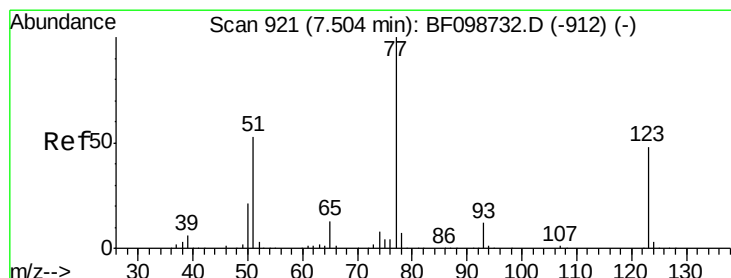
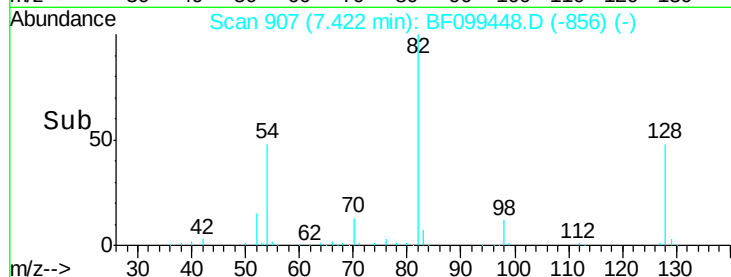
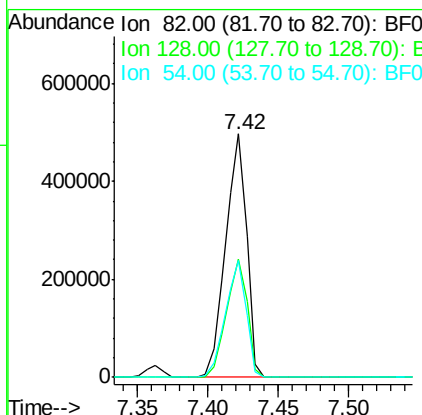
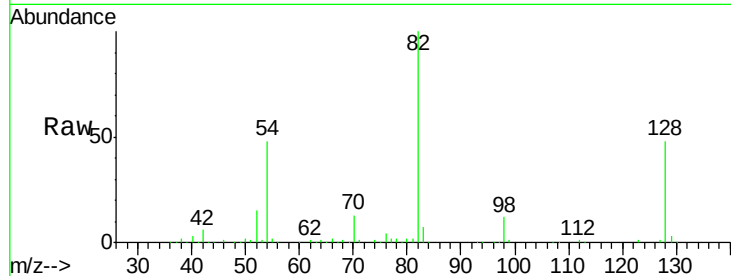




#23
 Nitrobenzene-d5
 Concen: 86.07 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

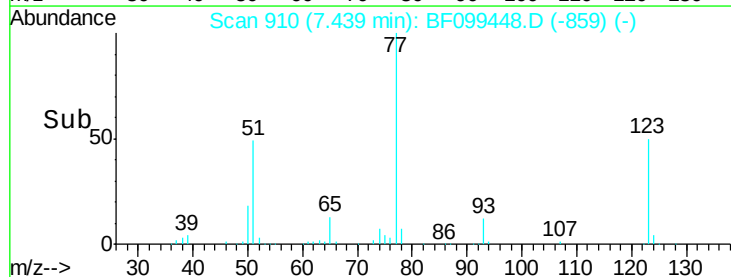
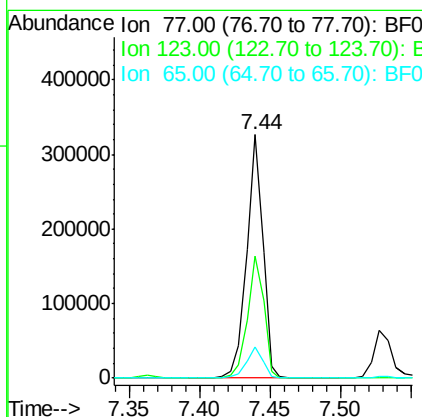
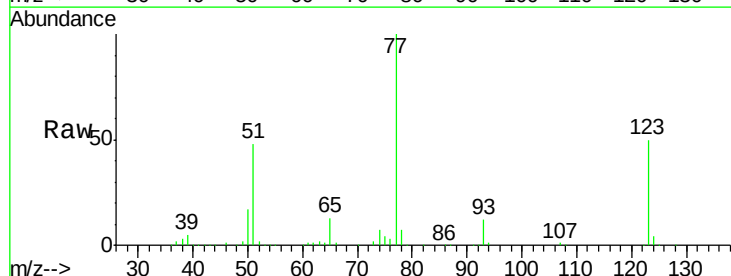
Instrument :
 BNA_F
 ClientSampleId :

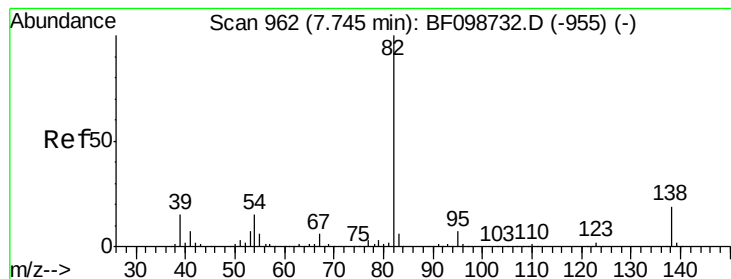
Tot Ion: 82 Resp: 513793
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.1 54.1
 54 47.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.87 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion: 77 Resp: 263184
 Ion Ratio Lower Upper
 77 100
 123 50.0 37.9 56.9
 65 12.8 11.0 16.4





#25

Isophorone

Concen: 38.47 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

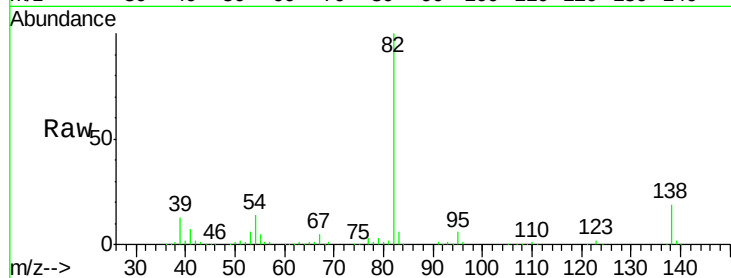
Tot Ion: 82 Resp: 474826

Ion Ratio Lower Upper

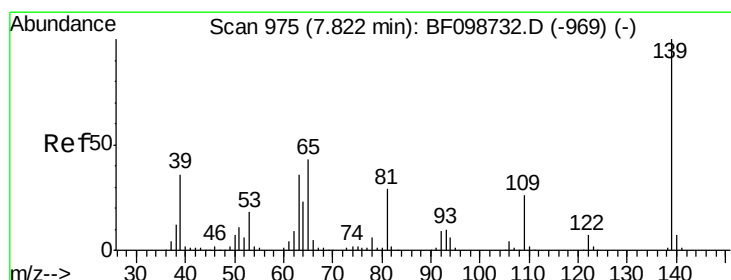
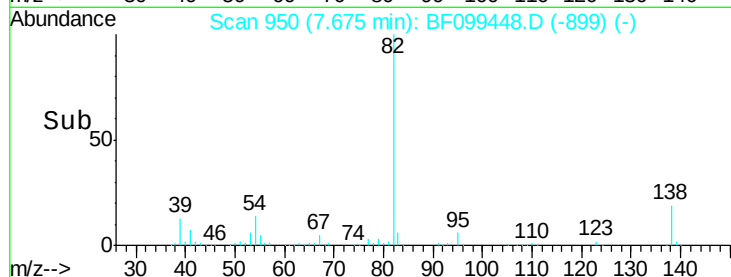
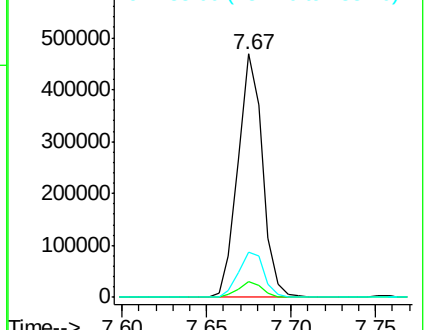
82 100

95 6.5 5.2 7.8

138 18.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.53 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

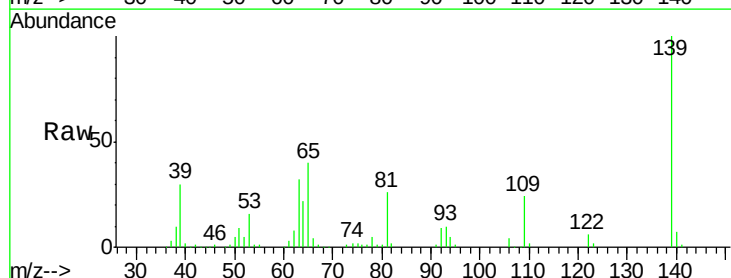
Tgt Ion: 139 Resp: 145018

Ion Ratio Lower Upper

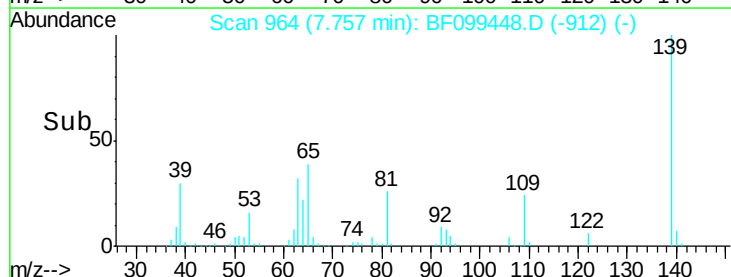
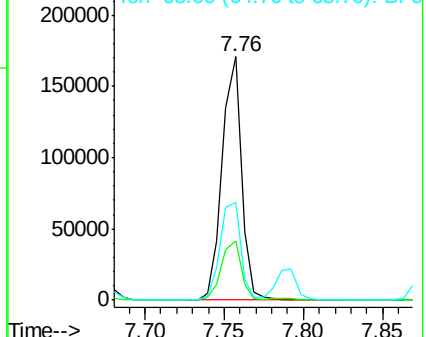
139 100

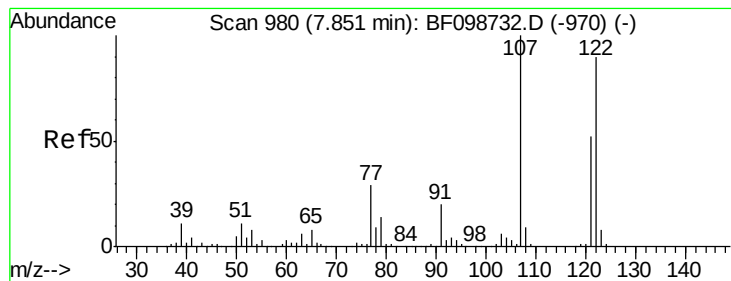
109 24.3 22.7 34.1

65 40.0 40.5 60.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.93 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

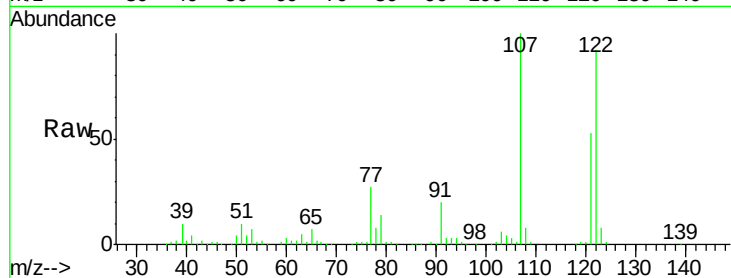
Tot Ion:122 Resp: 233265

Ion Ratio Lower Upper

122 100

107 108.8 91.2 136.8

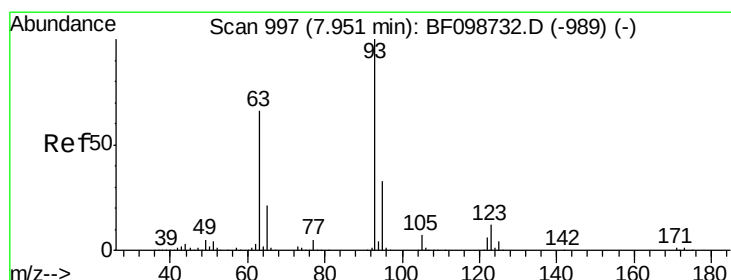
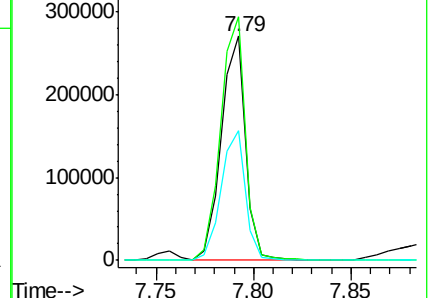
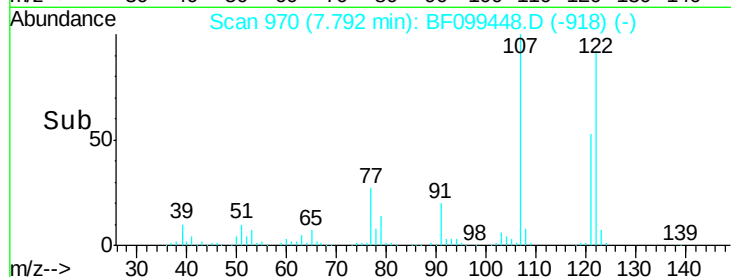
121 57.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.14 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

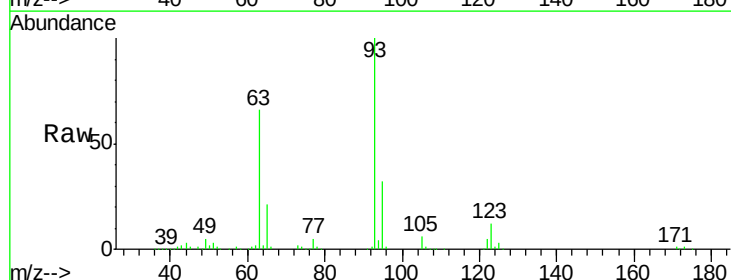
Tgt Ion: 93 Resp: 308727

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

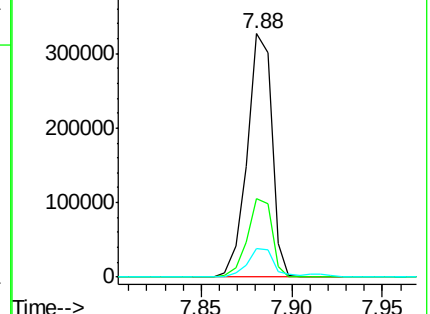
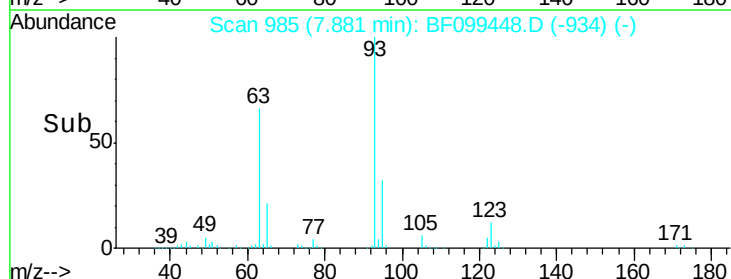
123 11.8 9.8 14.6

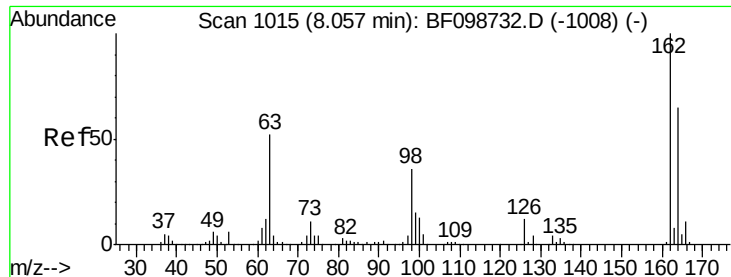


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

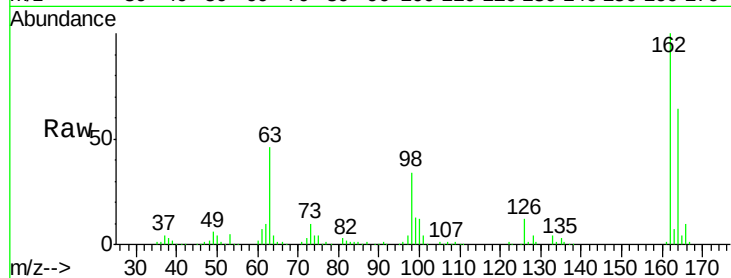




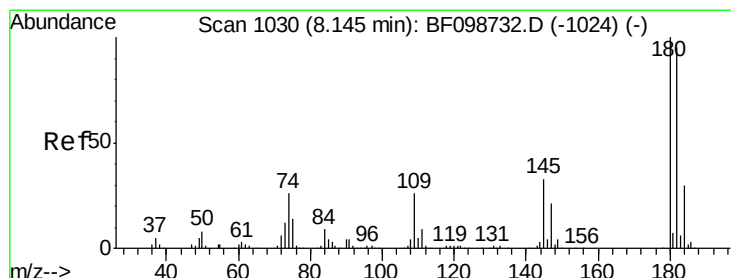
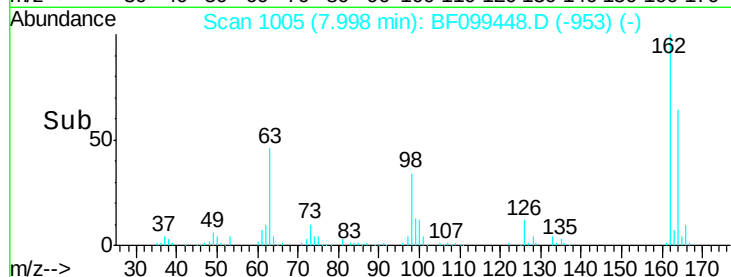
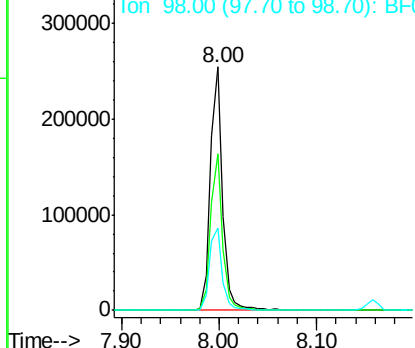
#29
 2,4-Dichlorophenol
 Concen: 41.77 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 220549
 Ion Ratio Lower Upper
 162 100
 164 64.2 42.7 82.7
 98 34.0 18.1 58.1

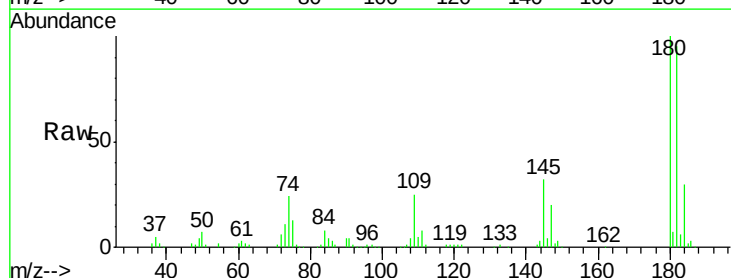


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

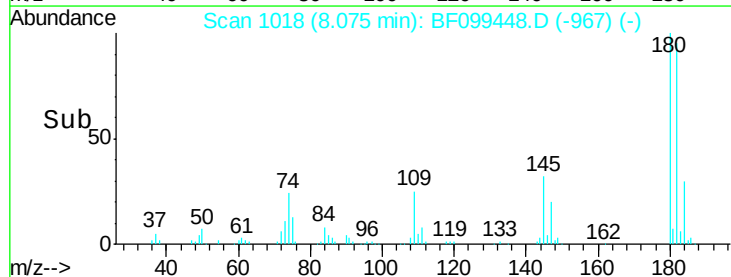
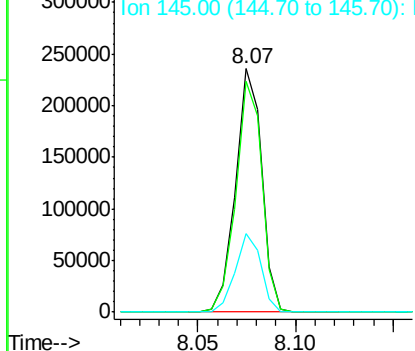


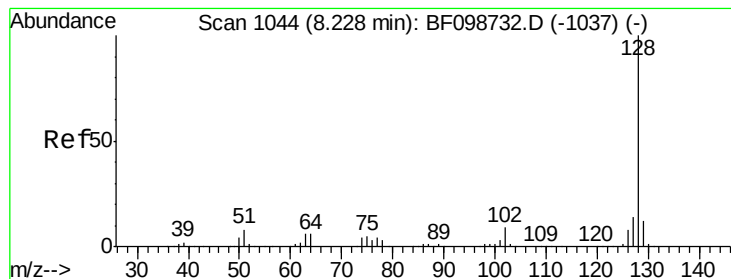
#30
 1,2,4-Trichlorobenzene
 Concen: 41.40 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion:180 Resp: 218646
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.8 115.2
 145 32.4 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: 40.84 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

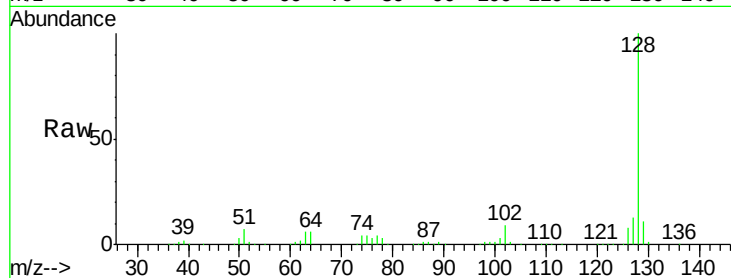
Tot Ion:128 Resp: 734332

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

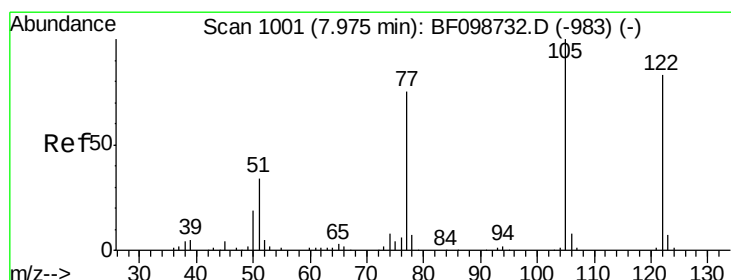
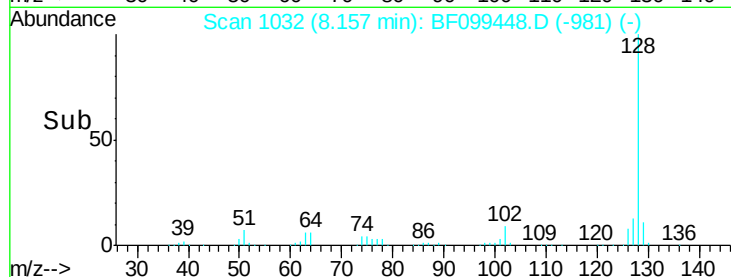
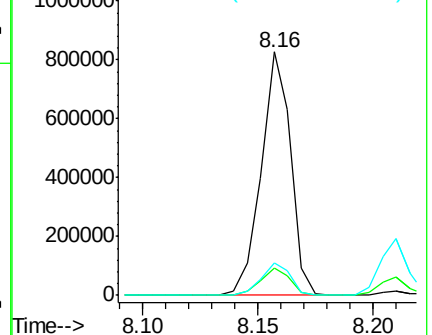
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.04 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

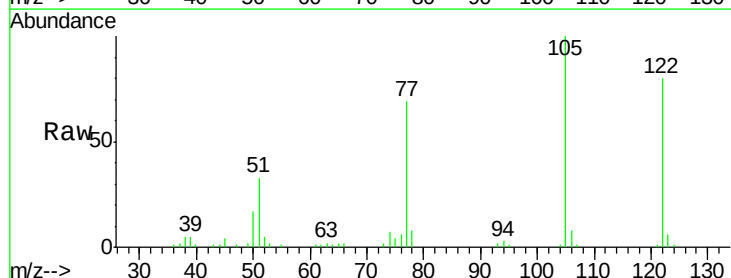
Tgt Ion:122 Resp: 121444

Ion Ratio Lower Upper

122 100

105 125.7 101.1 141.1

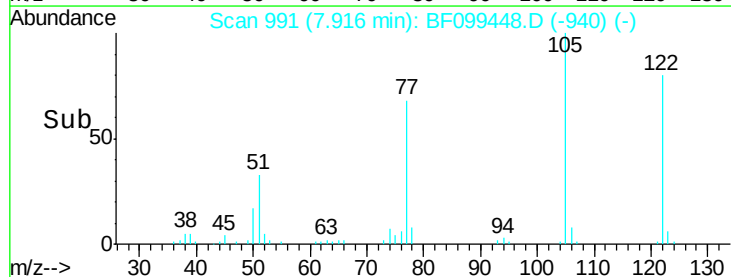
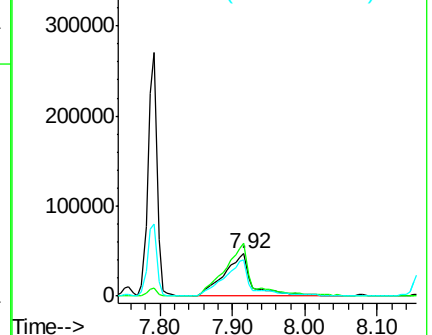
77 87.2 70.7 110.7

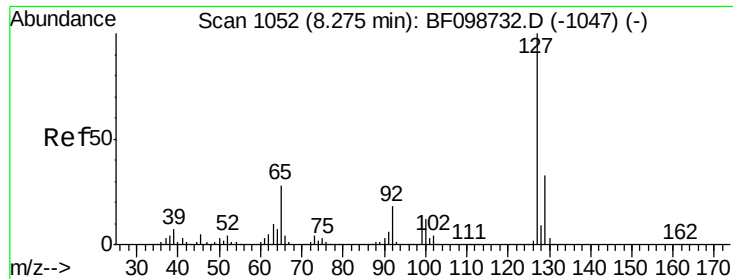


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

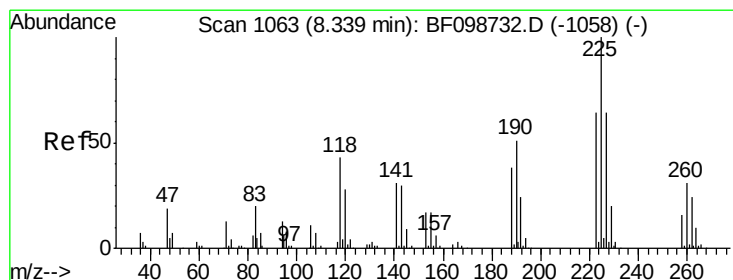
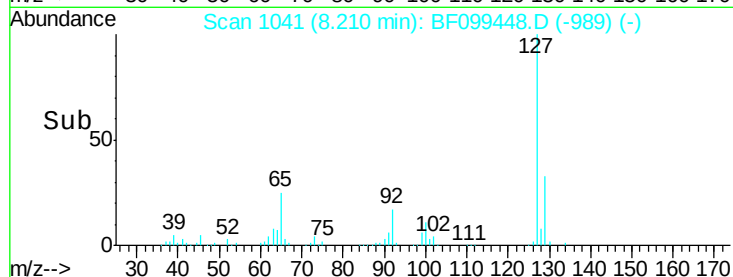
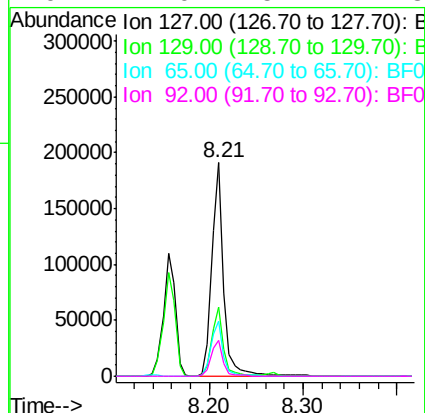
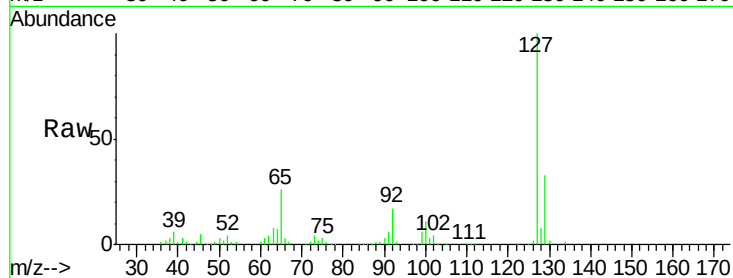




#33
4-Chloroaniline
Concen: 22.68 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

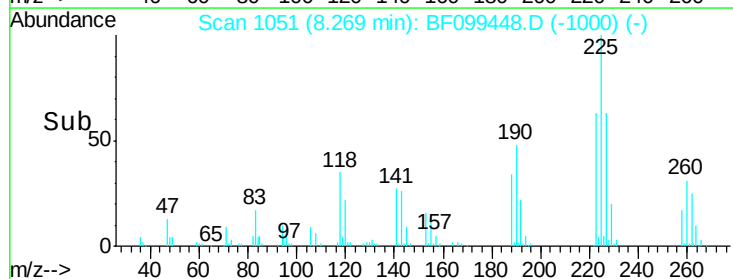
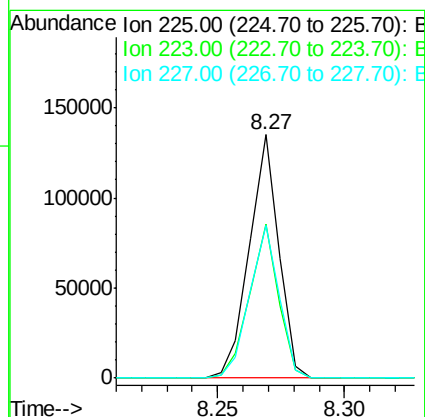
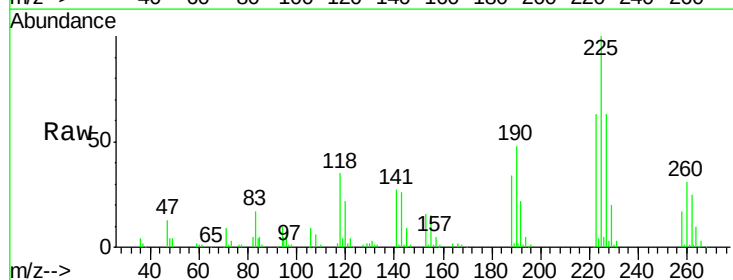
Instrument :
BNA_F
ClientSampled :

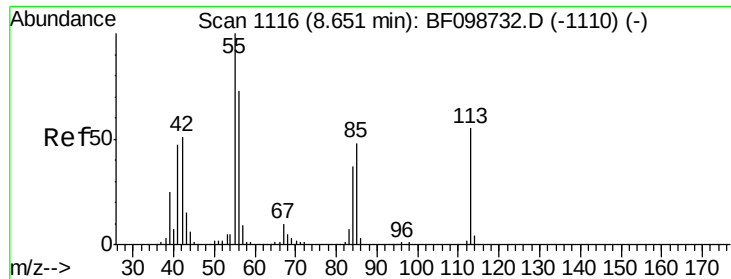
Tot Ion:	127	Resp:	170268
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	25.8	25.0	37.4
92	17.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.26 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:	225	Resp:	109512
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	62.5	51.9	77.9

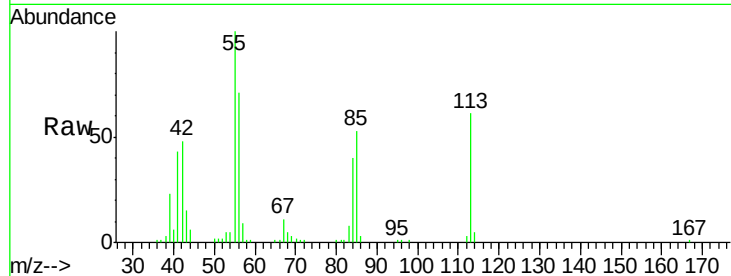




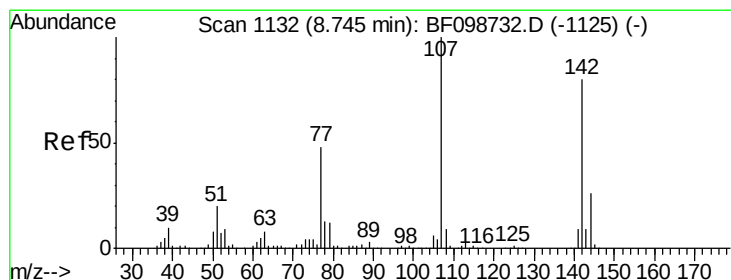
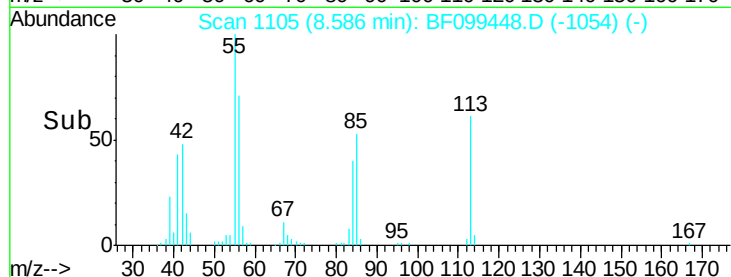
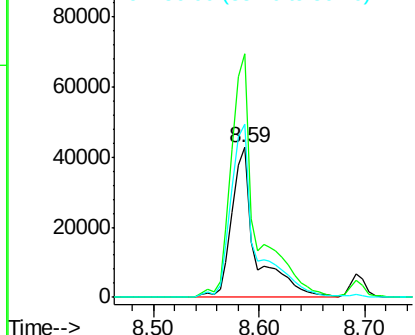
#35
 Caprolactam
 Concen: 40.18 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 68047
 Ion Ratio Lower Upper
 113 100
 55 162.8 163.3 203.3#
 56 115.7 115.7 155.7

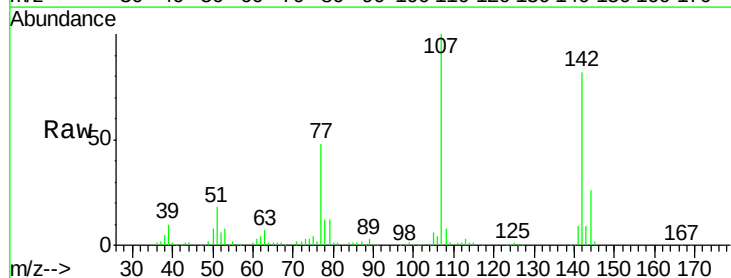


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

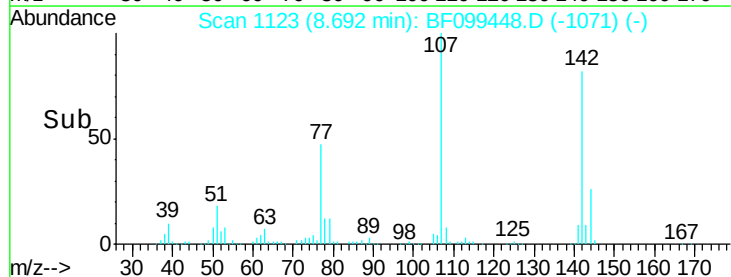
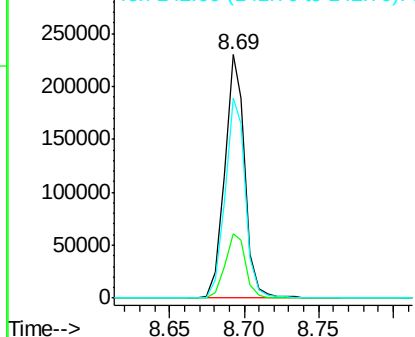


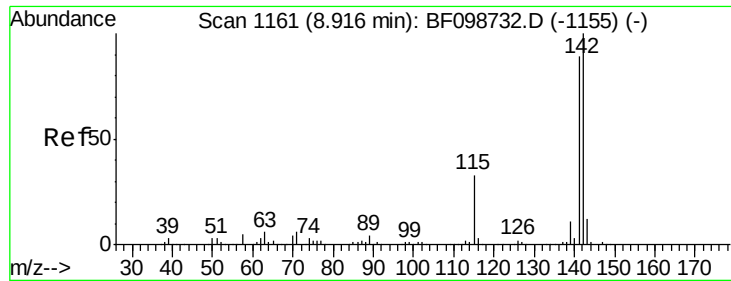
#36
 4-Chloro-3-methylphenol
 Concen: 37.05 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion:107 Resp: 219894
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 82.0 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

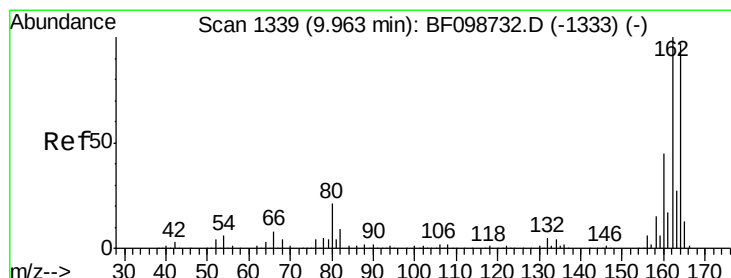
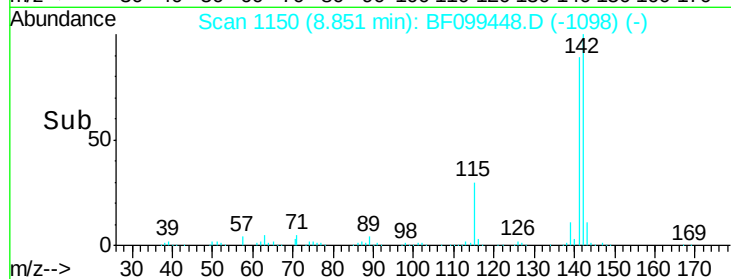
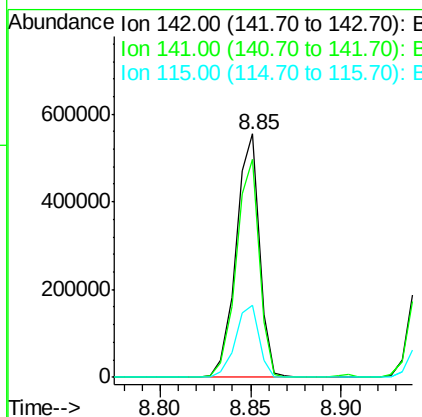
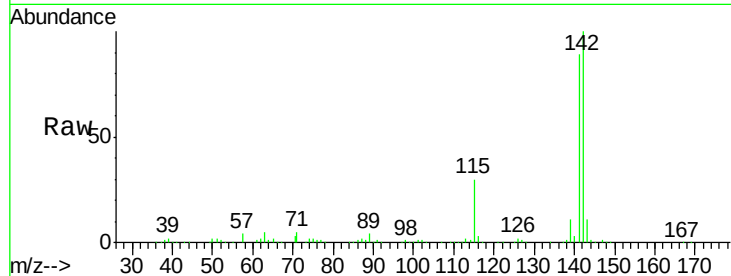




#37
2-Methylnaphthalene
Concen: 42.58 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

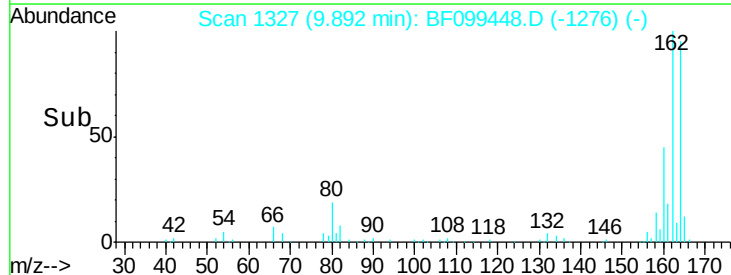
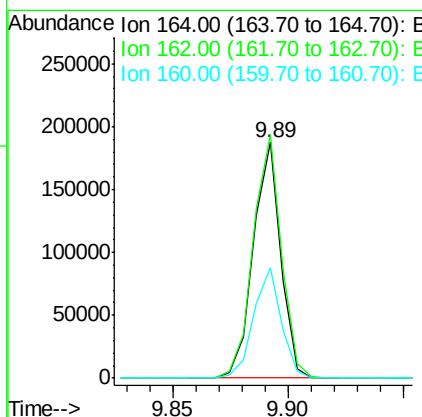
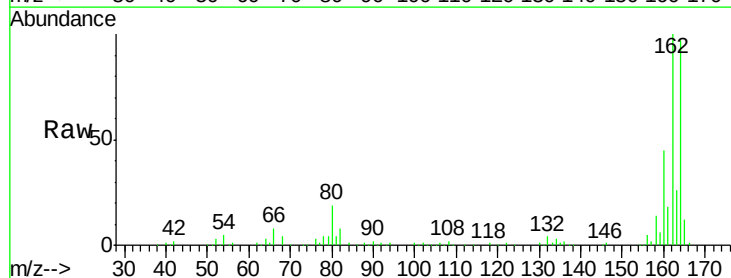
Instrument :
BNA_F
ClientSampleId :

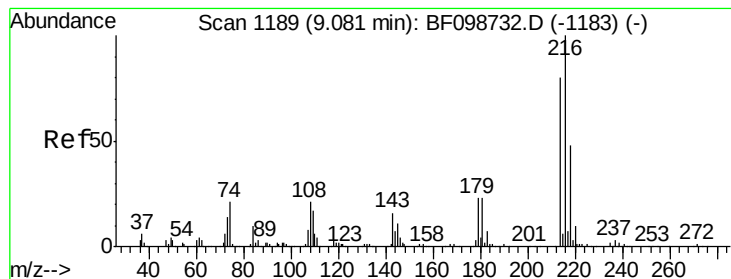
Tot Ion:142 Resp: 497717
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 29.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:164 Resp: 155318
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 46.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.68 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 197684

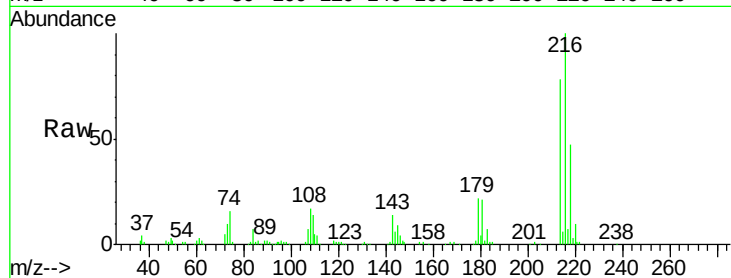
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 22.4 18.1 27.1

108 19.5 17.2 25.8

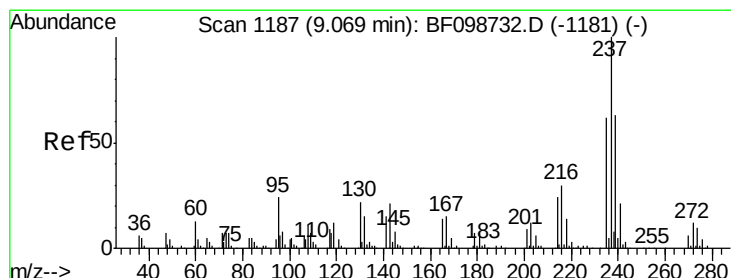
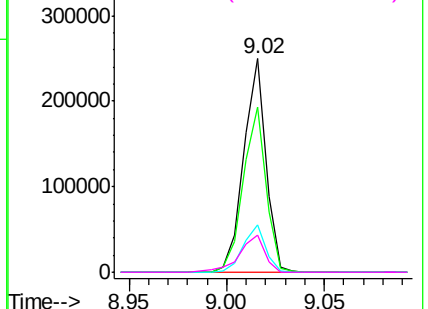
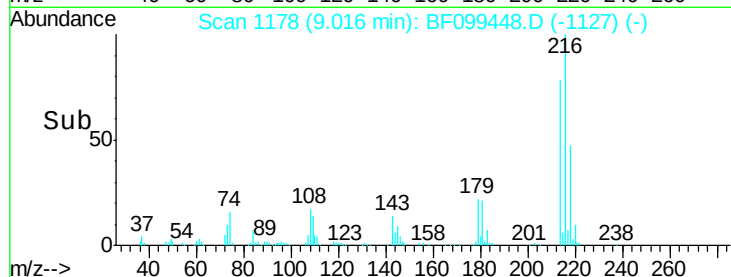


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.15 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

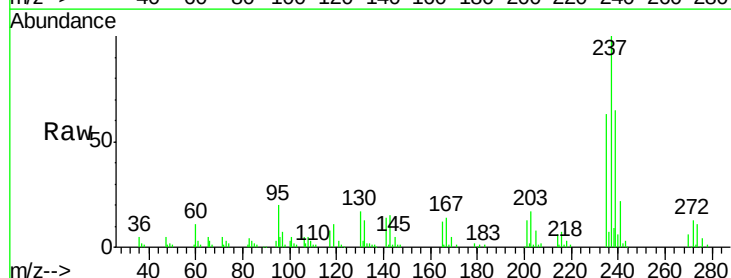
Tgt Ion:237 Resp: 74405

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

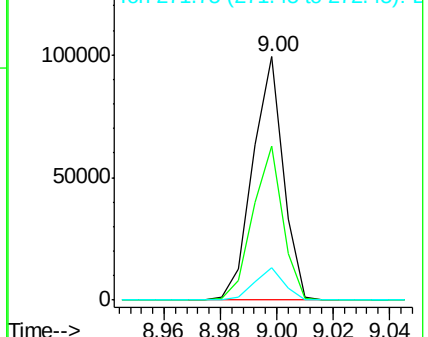
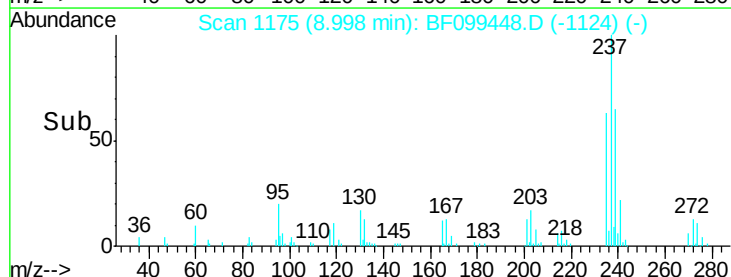
272 13.3 0.0 33.3

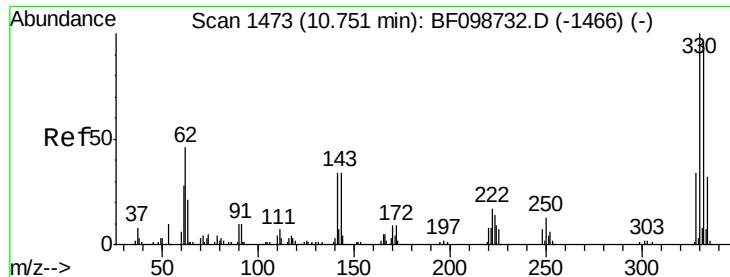


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

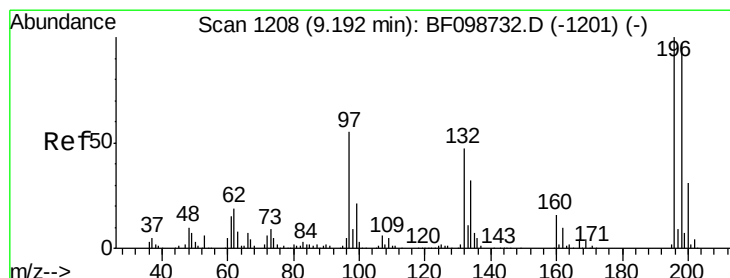
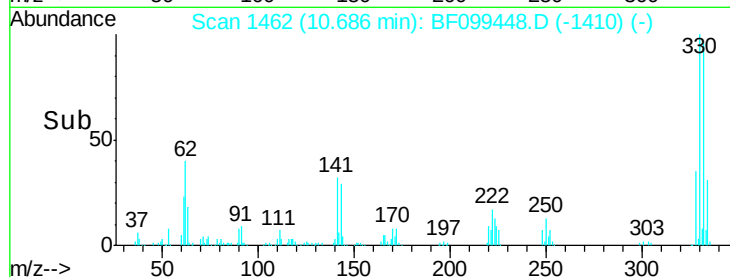
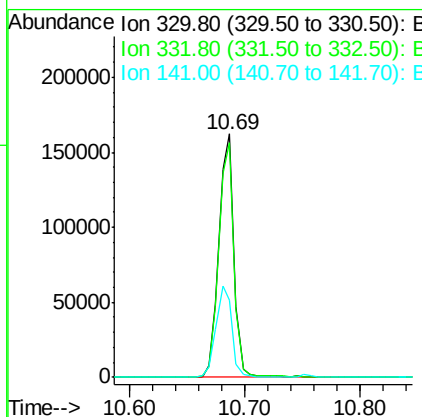
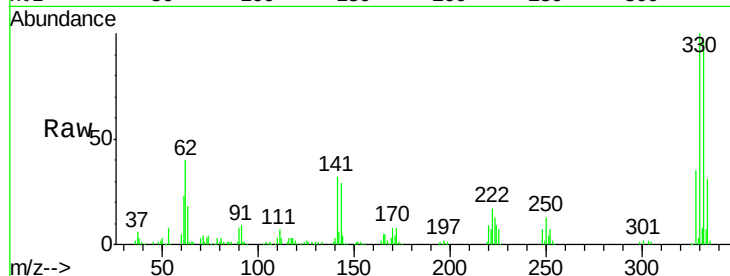




#41
 2,4,6-Tribromophenol
 Concen: 117.10 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

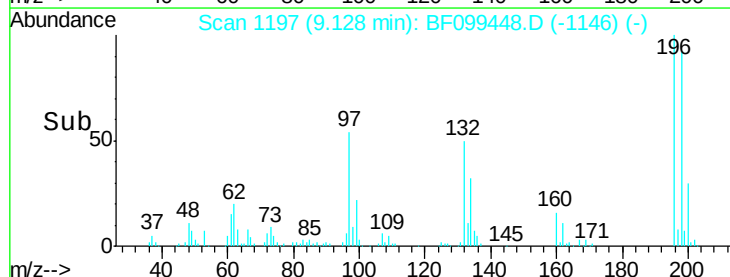
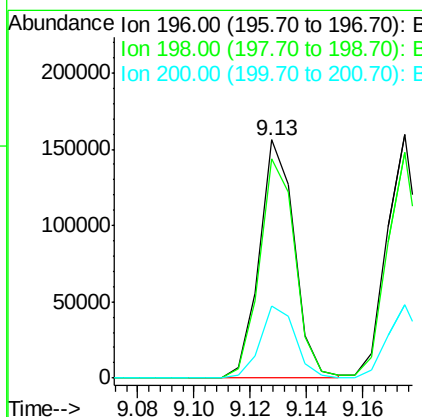
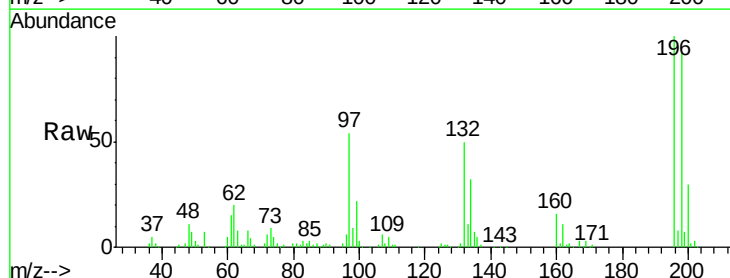
Instrument :
 BNA_F
 ClientSampleId :

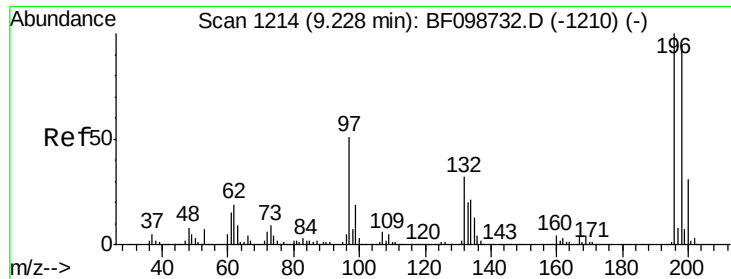
Tot Ion:330 Resp: 148819
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 39.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.02 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion:196 Resp: 134616
 Ion Ratio Lower Upper
 196 100
 198 92.0 75.7 113.5
 200 30.4 24.5 36.7

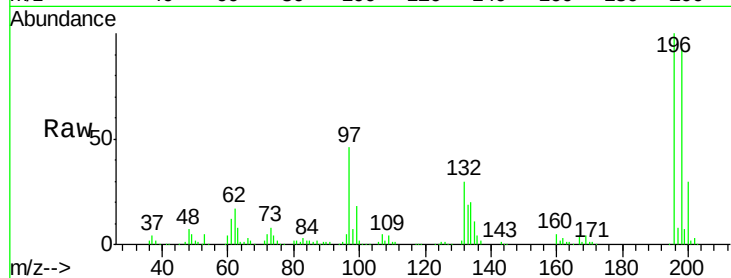




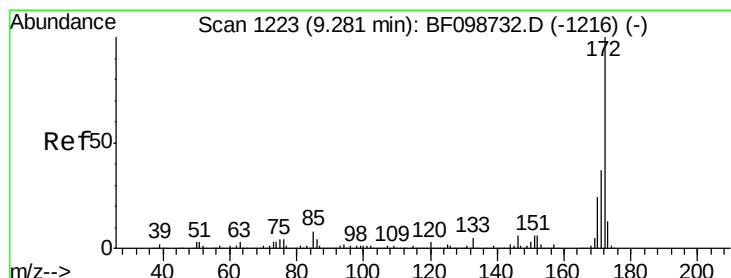
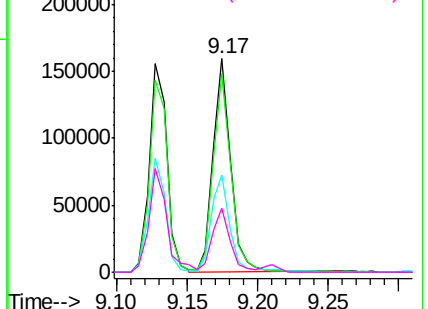
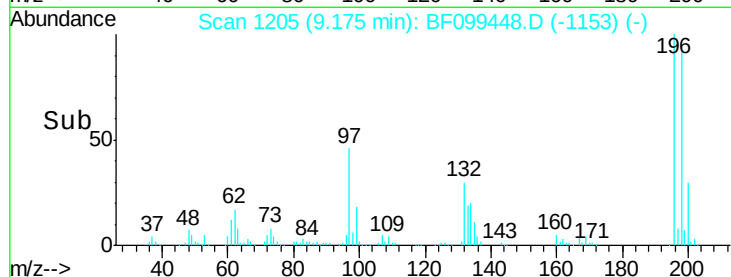
#43
 2,4,5-Trichlorophenol
 Concen: 42.48 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.6	112.0
97	45.7	42.9	64.3
132	30.0	26.3	39.5

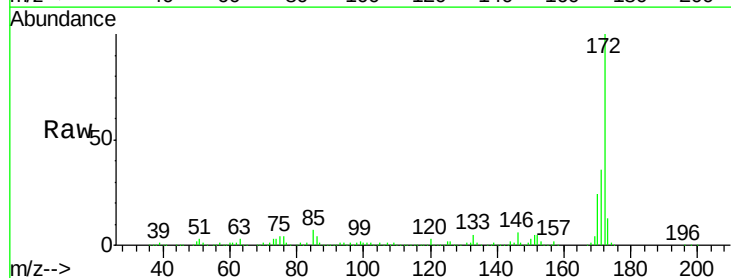


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

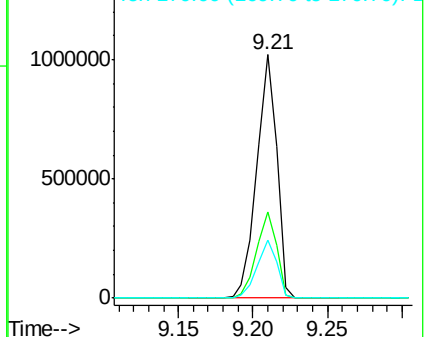
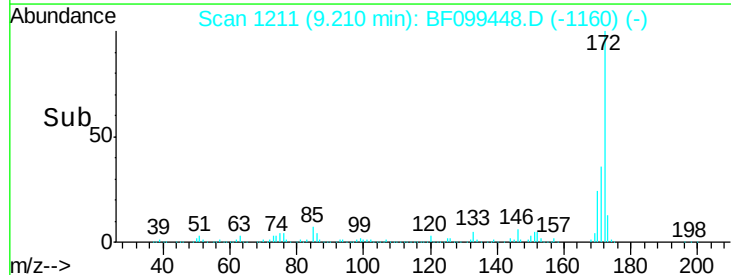


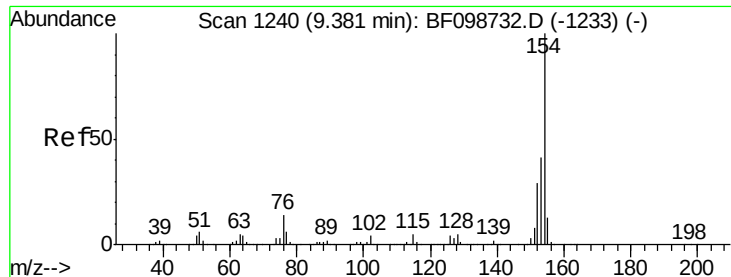
#44
 2-Fluorobiphenyl
 Concen: 100.75 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	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

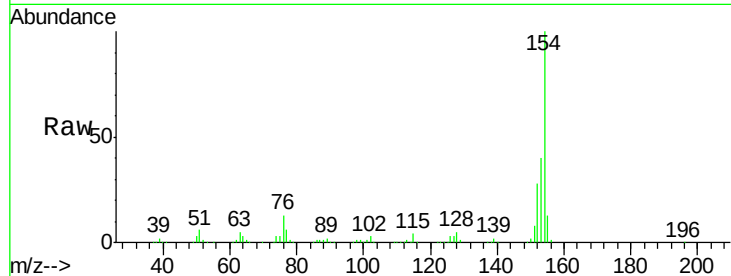




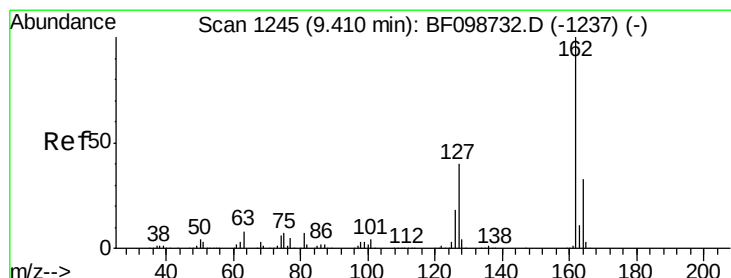
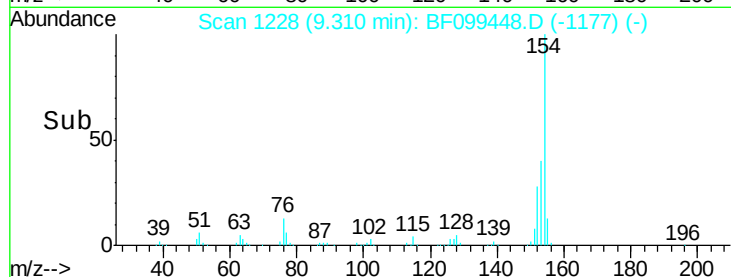
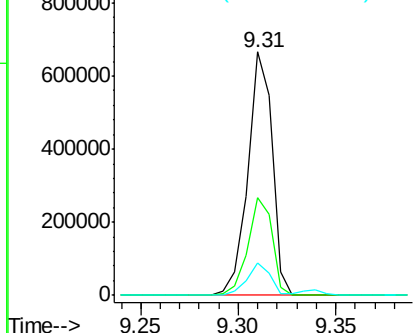
#45
1,1'-Biphenyl
Concen: 42.97 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	13.5	0.0	34.0

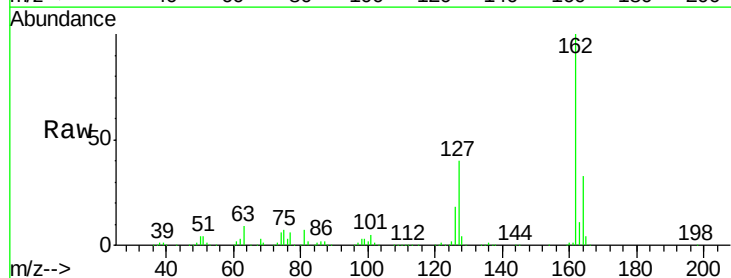


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

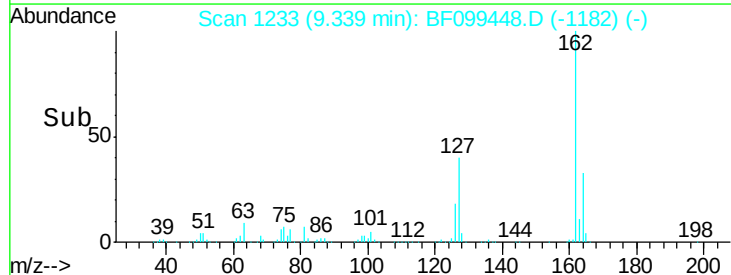
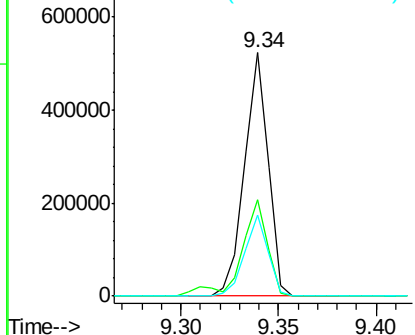


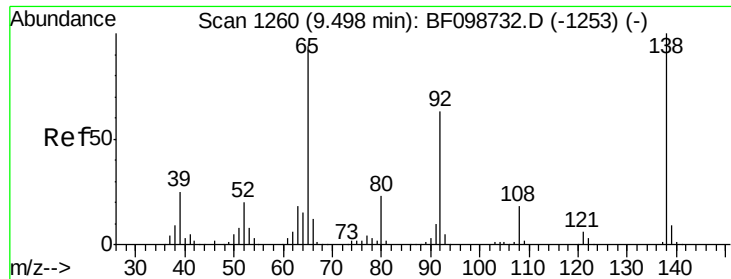
#46
2-Chloronaphthalene
Concen: 43.84 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

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

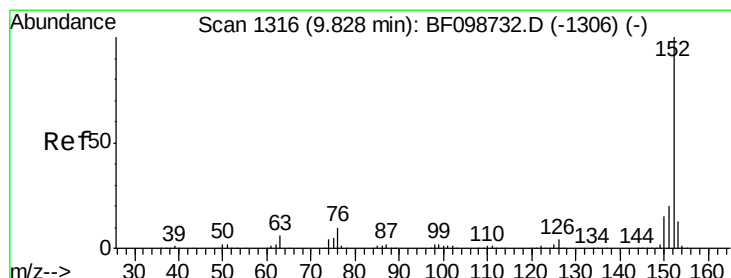
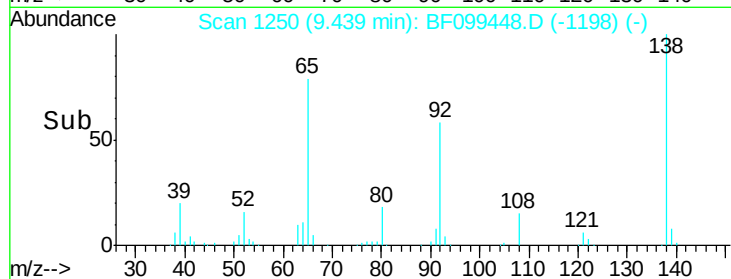
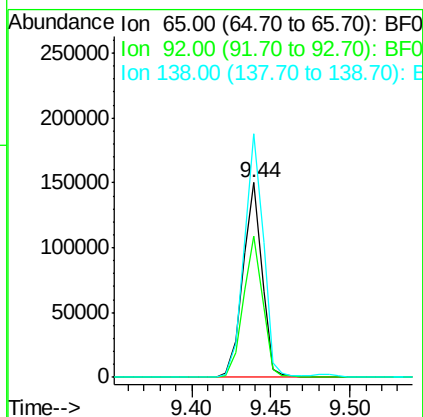
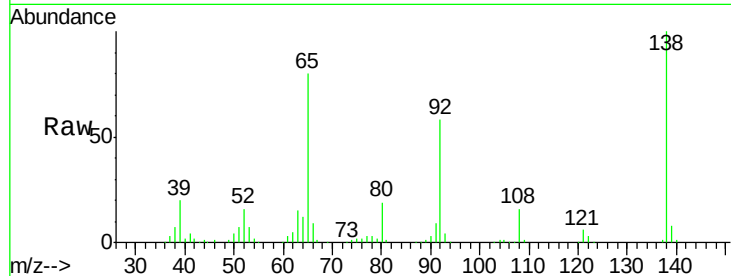




#47
2-Nitroaniline
Concen: 40.83 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

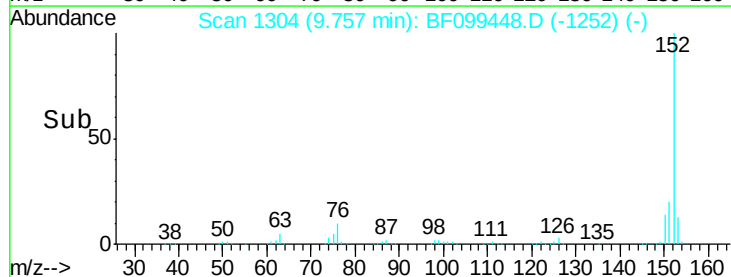
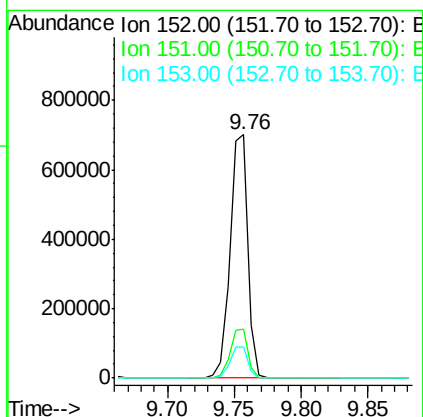
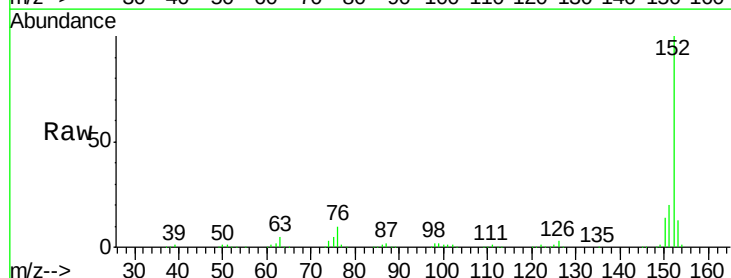
Instrument :
BNA_F
ClientSampled :

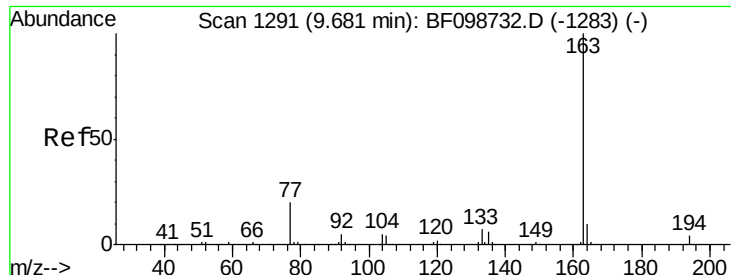
Tot Ion: 65 Resp: 125302
Ion Ratio Lower Upper
65 100
92 72.7 55.8 83.6
138 125.3 91.2 136.8



#48
Acenaphthylene
Concen: 42.91 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion: 152 Resp: 658313
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.0 10.7 16.1

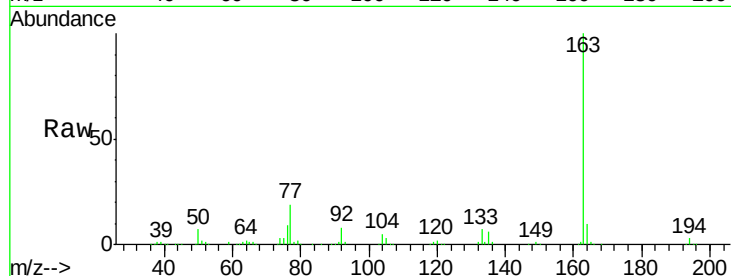




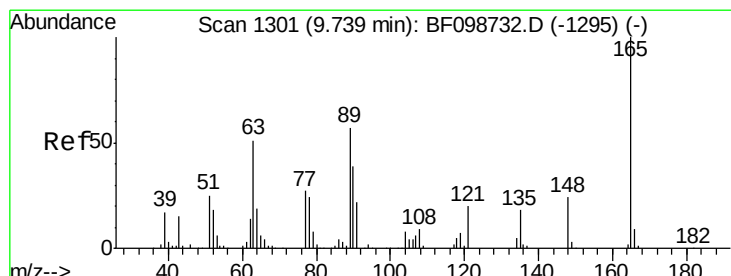
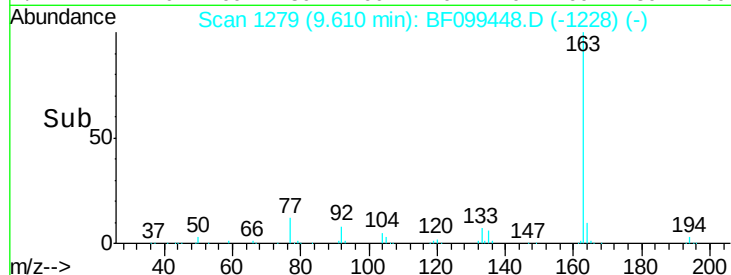
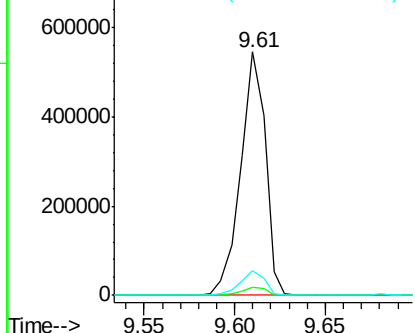
#49
Dimethylphthalate
Concen: 44.19 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 518020
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

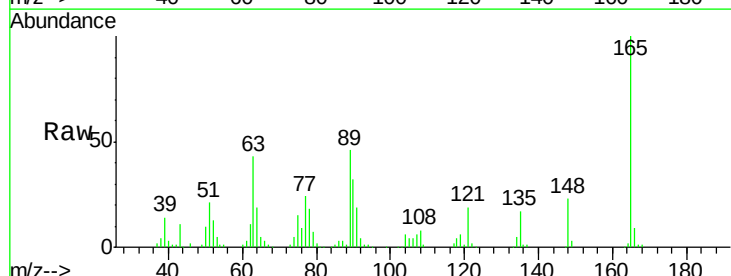


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

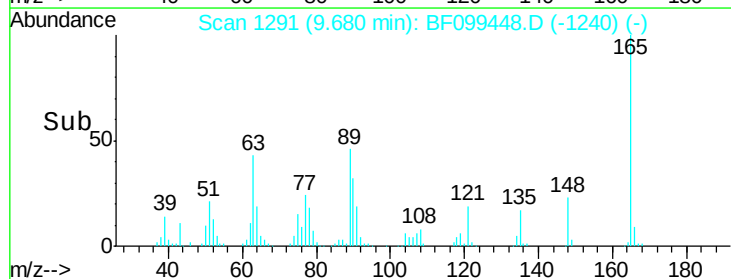
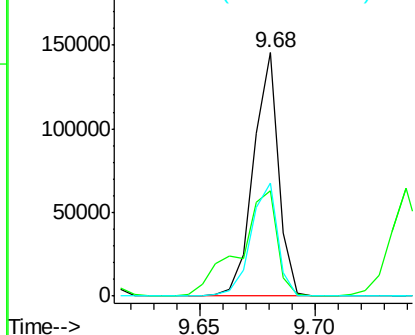


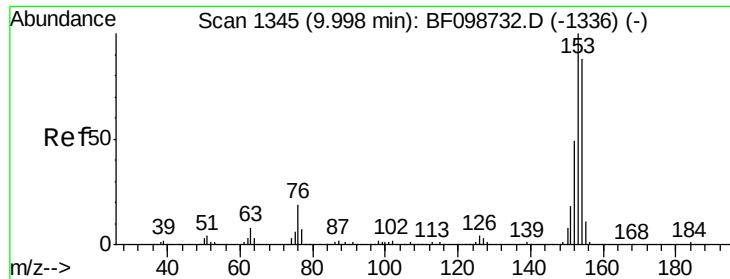
#50
2,6-Dinitrotoluene
Concen: 43.28 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:165 Resp: 110457
Ion Ratio Lower Upper
165 100
63 43.1 44.7 67.1#
89 46.4 44.0 66.0



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





#51

Acenaphthene

Concen: 39.28 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

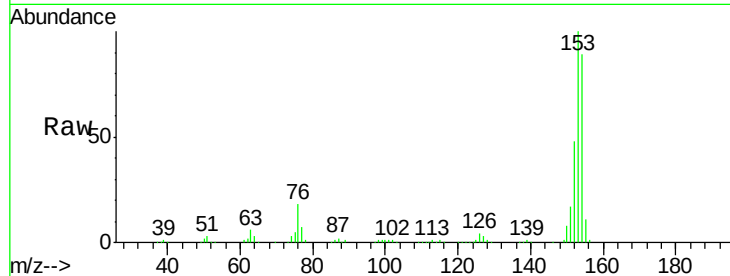
Tot Ion:154 Resp: 381795

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

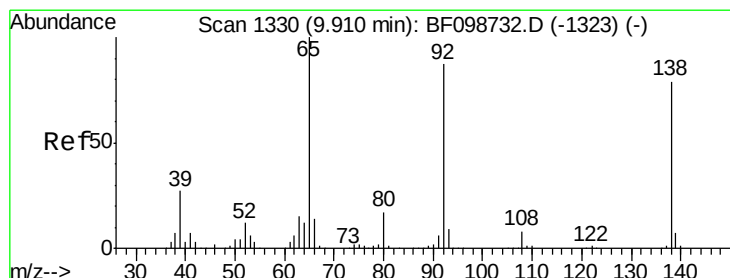
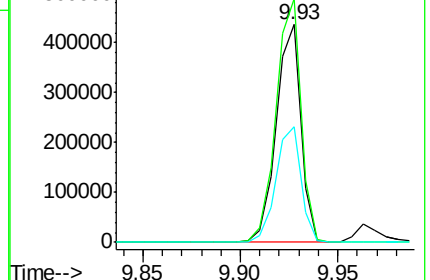
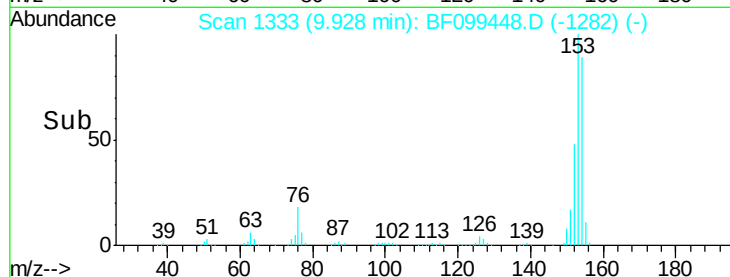
152 53.4 43.8 65.8



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: 27.93 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

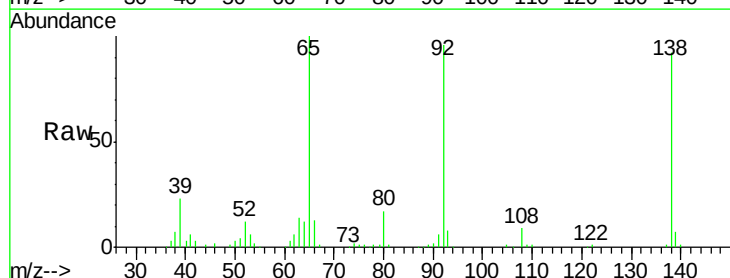
Tgt Ion:138 Resp: 83124

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

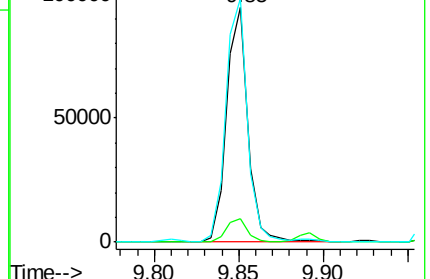
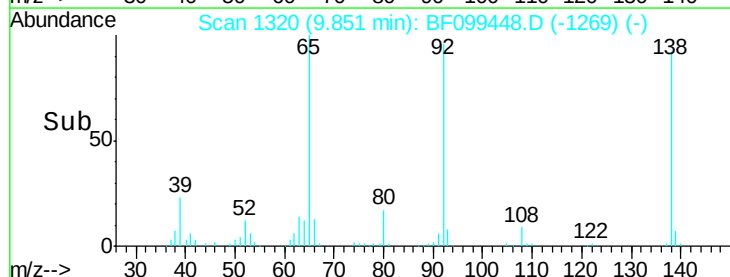
92 103.9 89.4 134.2

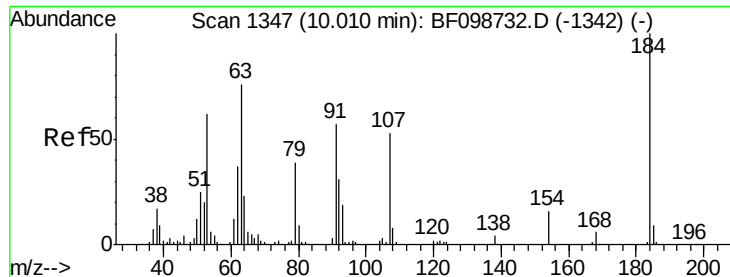


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

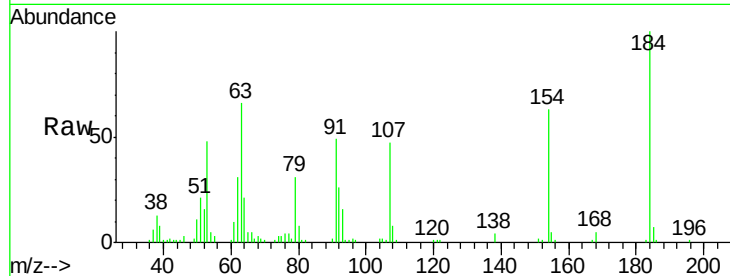




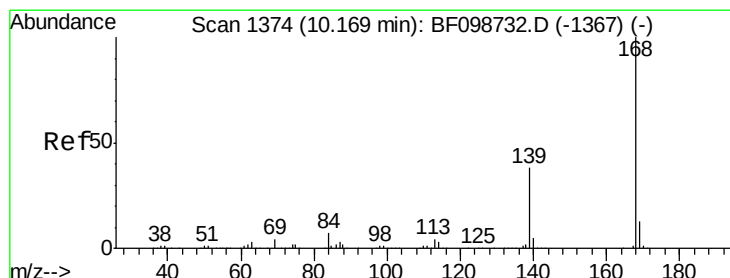
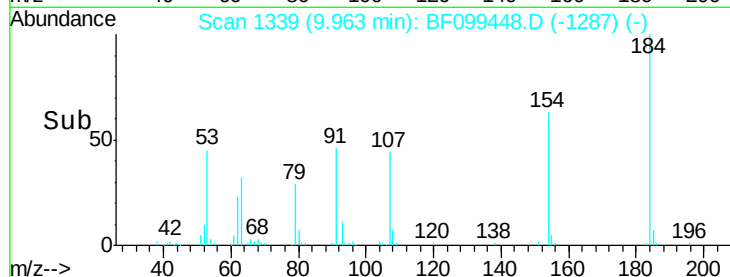
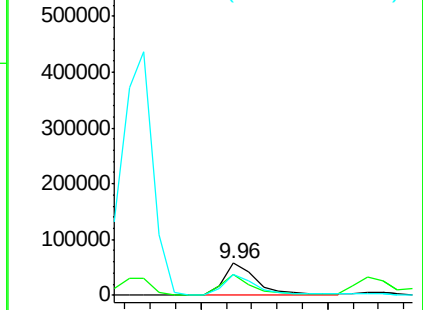
#53
2,4-Dinitrophenol
Concen: 44.55 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 55497
Ion Ratio Lower Upper
184 100
63 65.7 54.2 81.2
154 63.1 53.5 80.3

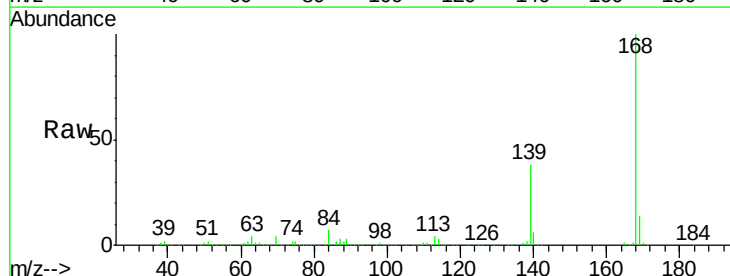


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

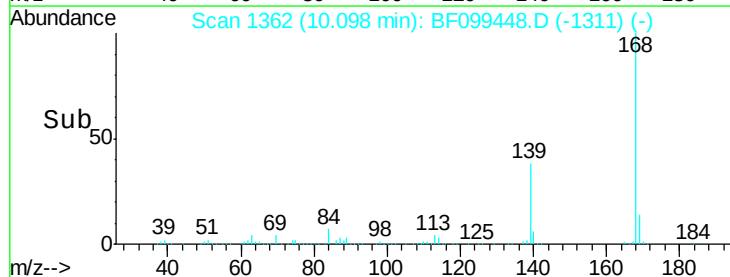
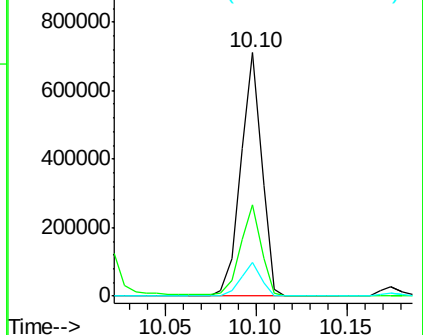


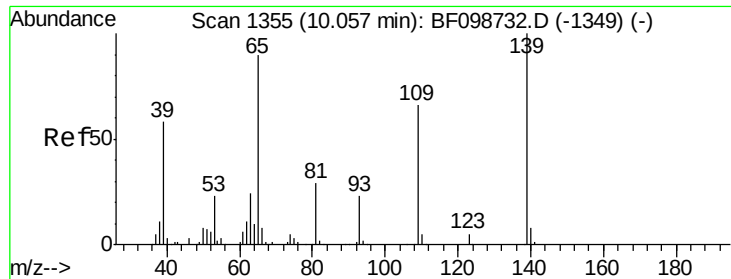
#54
Dibenzofuran
Concen: 44.07 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:168 Resp: 570329
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.9 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

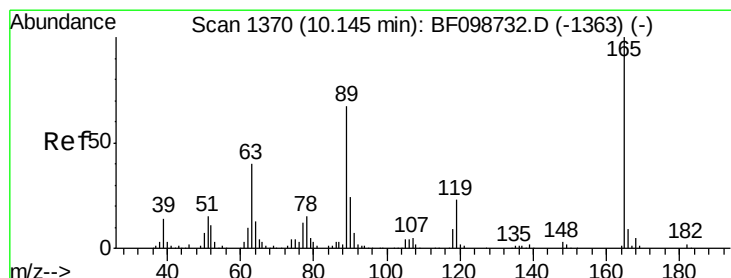
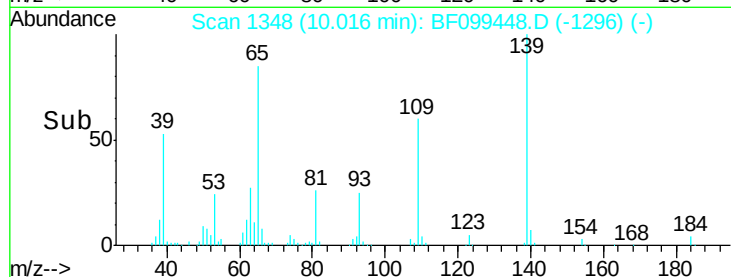
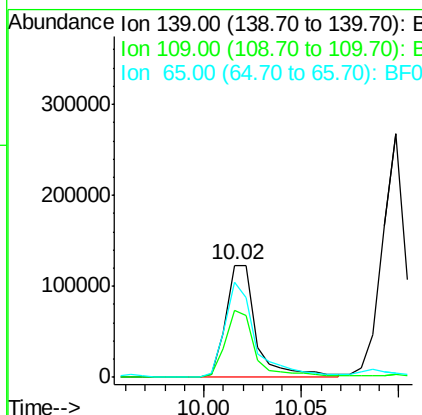
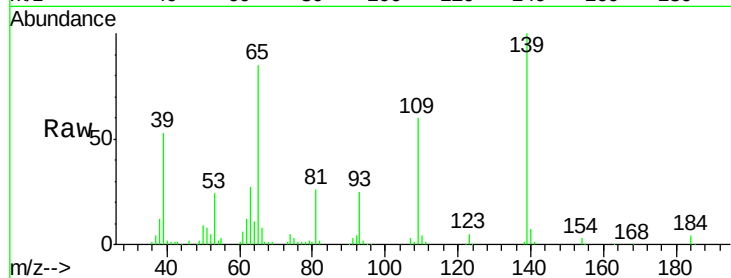




#55
4-Nitrophenol
Concen: 53.48 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

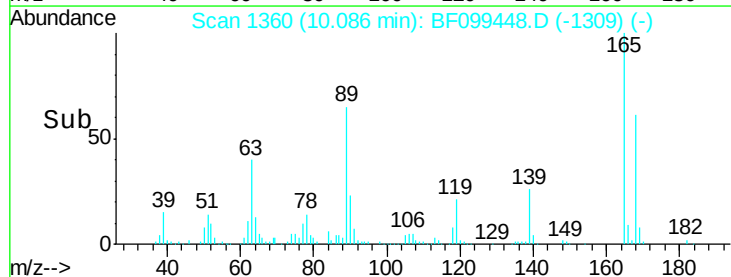
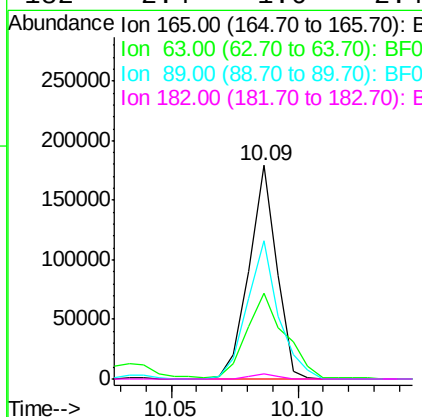
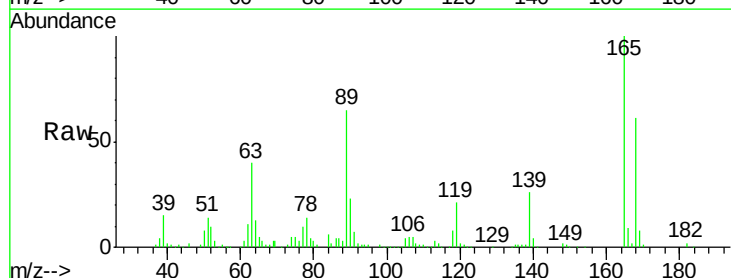
Instrument :
BNA_F
ClientSampled :

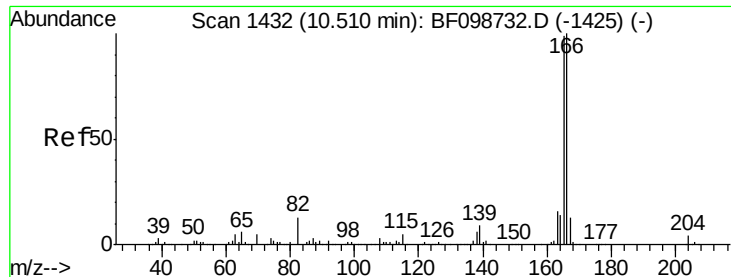
Tot Ion:139 Resp: 134561
Ion Ratio Lower Upper
139 100
109 60.0 48.4 88.4
65 84.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.30 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:165 Resp: 136802
Ion Ratio Lower Upper
165 100
63 39.9 36.4 54.6
89 64.9 57.8 86.6
182 2.4 1.6 2.4#

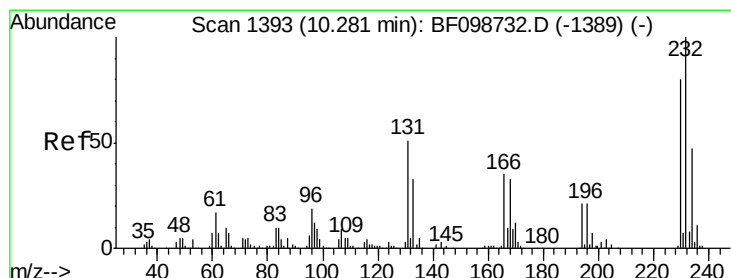
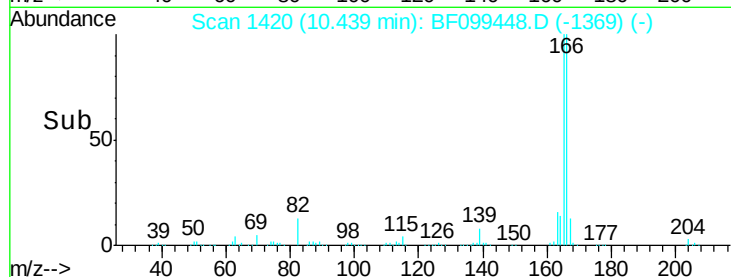
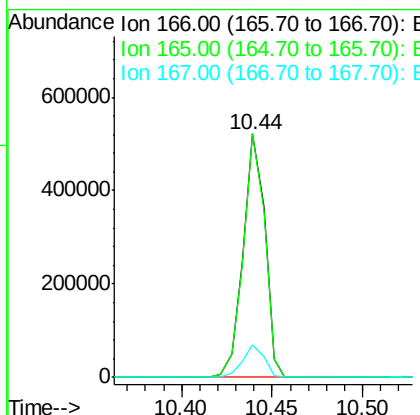
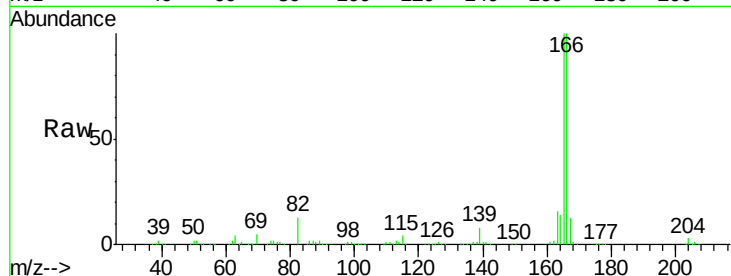




#57
 Fluorene
 Concen: 41.88 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

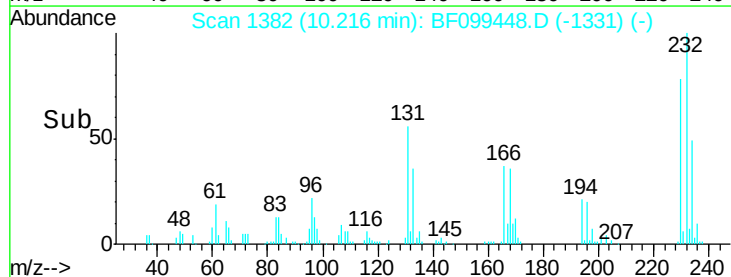
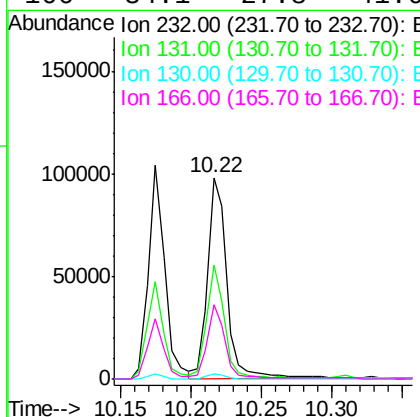
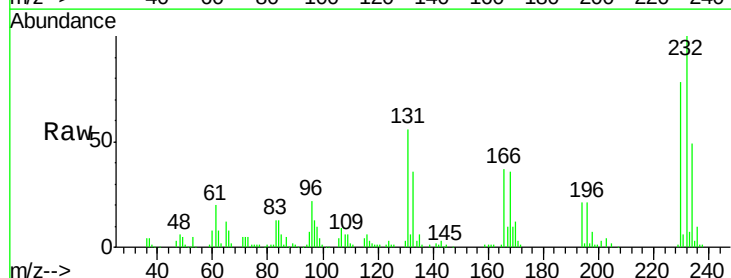
Instrument :
 BNA_F
 ClientSampleId :

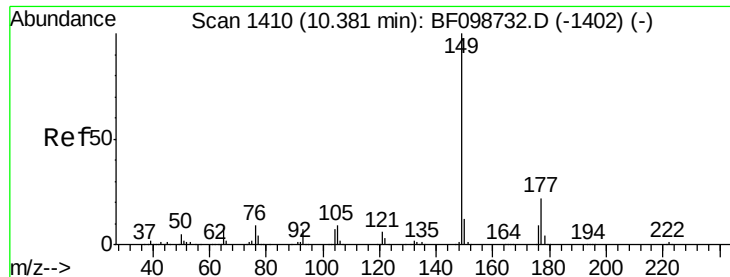
Tot Ion:166 Resp: 435572
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.84 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion:232 Resp: 92424
 Ion Ratio Lower Upper
 232 100
 131 51.7 43.8 65.8
 130 2.4 2.1 3.1
 166 34.1 27.8 41.6





#59

Diethylphthalate

Concen: 41.33 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

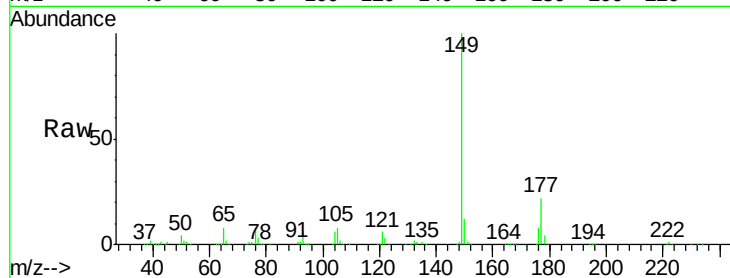
Tot Ion:149 Resp: 473454

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

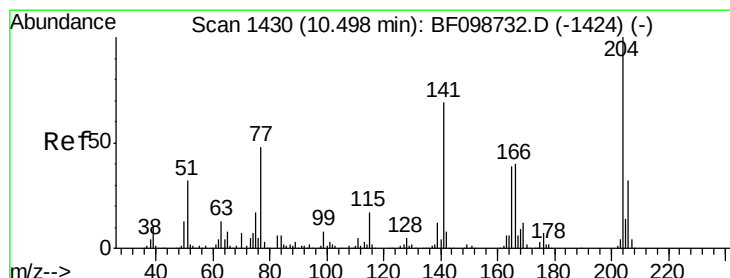
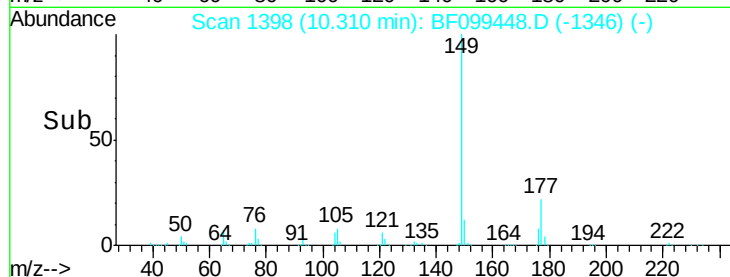
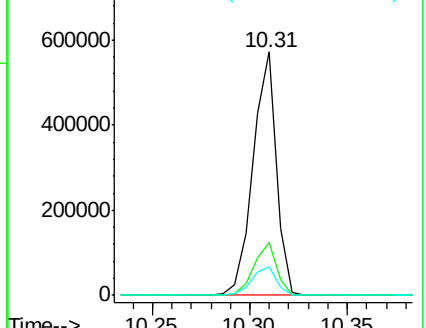
150 11.9 10.1 15.1



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: 42.84 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

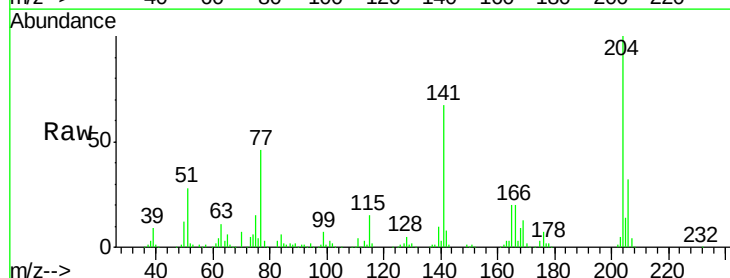
Tgt Ion:204 Resp: 200160

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

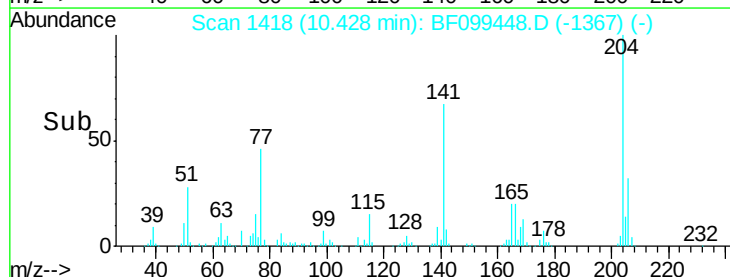
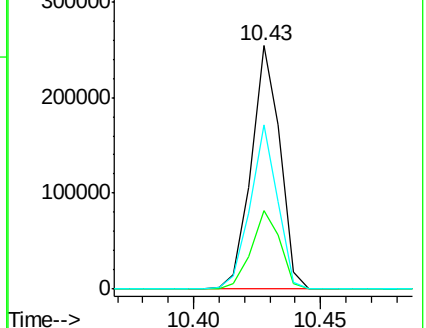
141 67.2 54.6 81.8

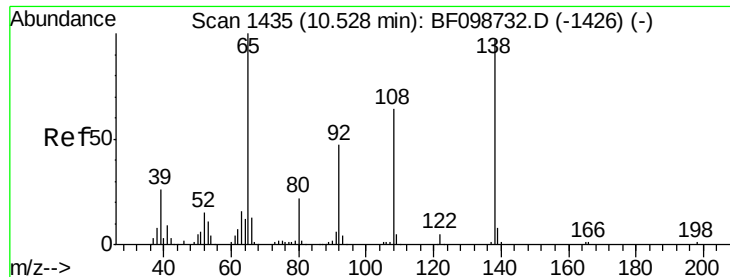


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

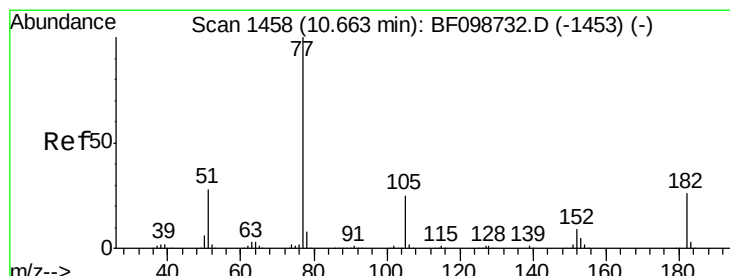
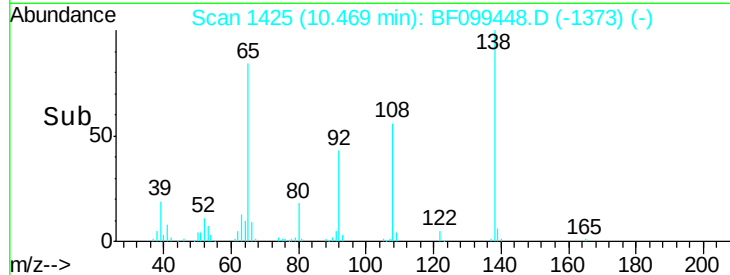
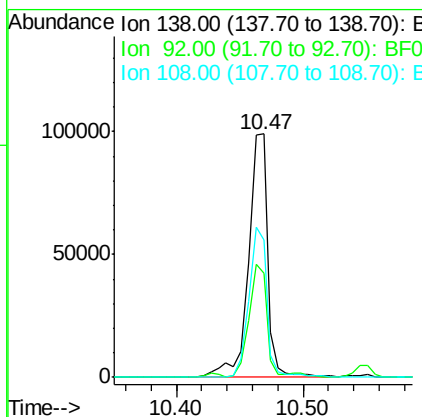
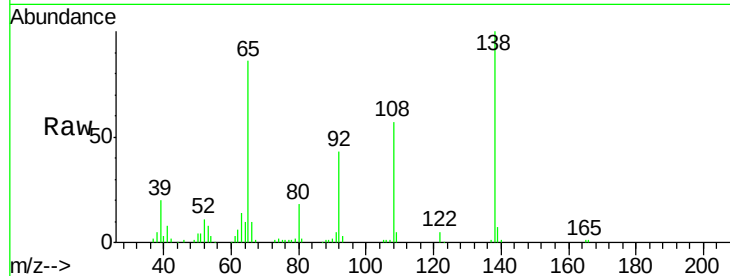




#61
 4-Nitroaniline
 Concen: 37.08 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

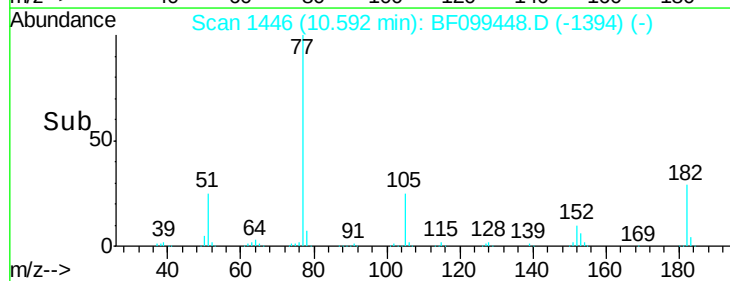
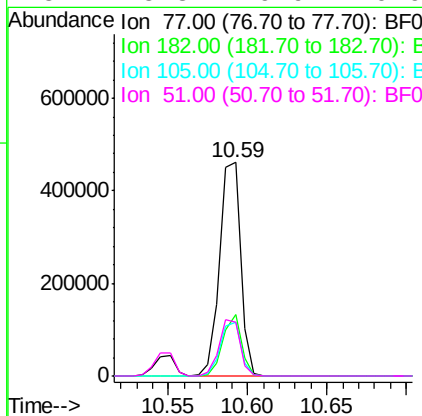
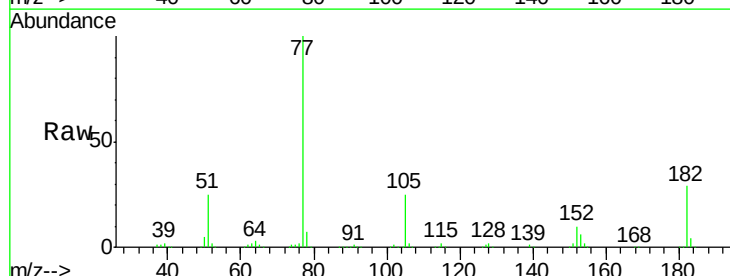
Instrument :
 BNA_F
 ClientSampleId :

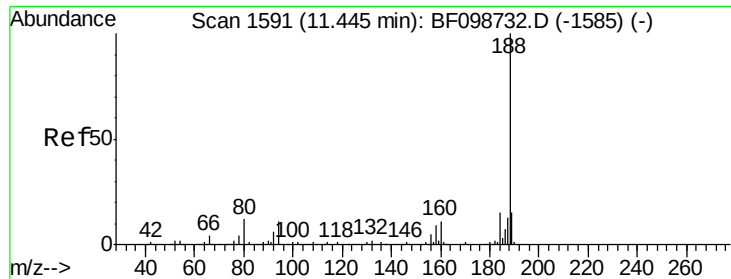
Tot Ion:138 Resp: 106452
 Ion Ratio Lower Upper
 138 100
 92 42.7 30.2 70.2
 108 56.6 52.5 92.5



#62
 Azobenzene
 Concen: 40.46 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion: 77 Resp: 426127
 Ion Ratio Lower Upper
 77 100
 182 28.8 1.7 41.7
 105 25.3 3.0 43.0
 51 25.3 9.9 49.9

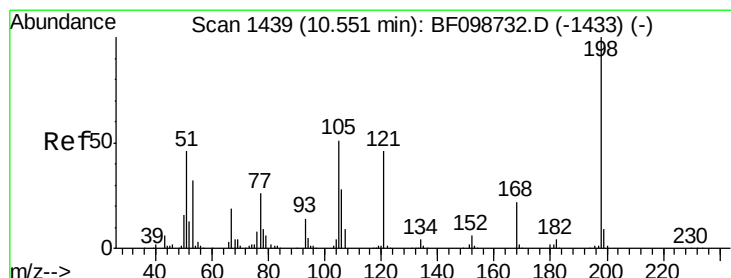
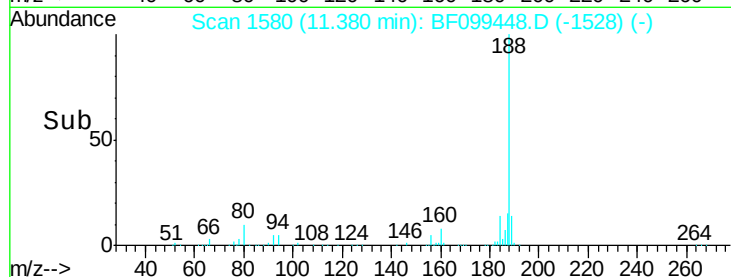
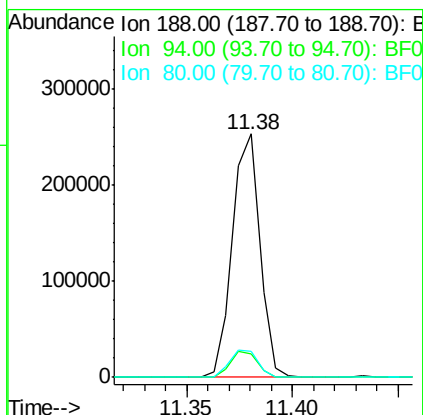
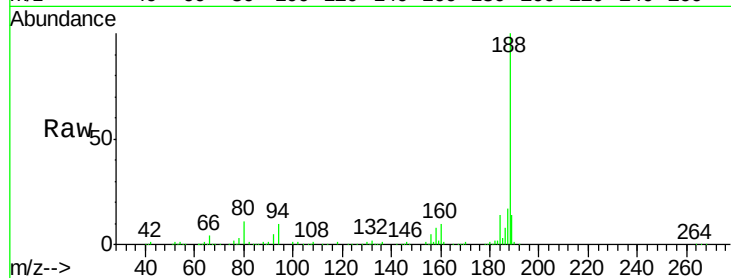




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

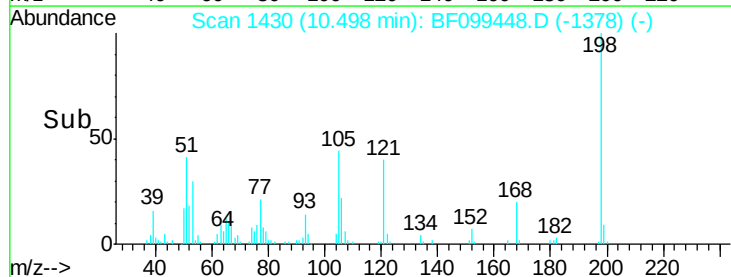
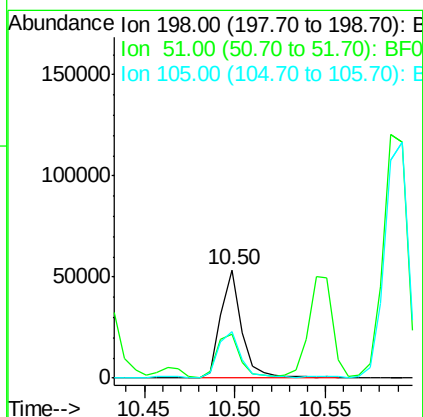
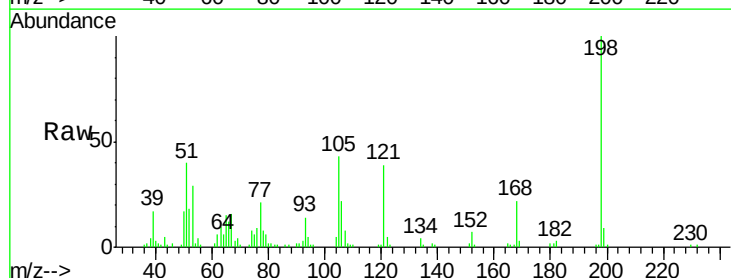
Instrument :
BNA_F
ClientSampleId :

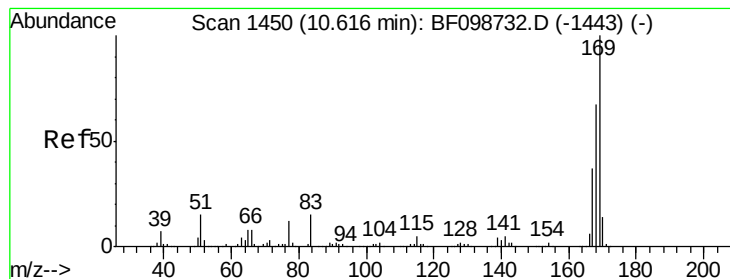
Tot Ion:188 Resp: 227086
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 31.43 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:198 Resp: 43424
Ion Ratio Lower Upper
198 100
51 40.3 37.7 77.7
105 43.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 48.80 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

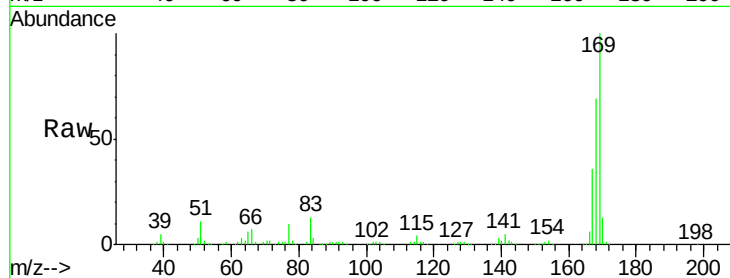
Tot Ion:169 Resp: 383880

Ion Ratio Lower Upper

169 100

168 69.0 54.4 81.6

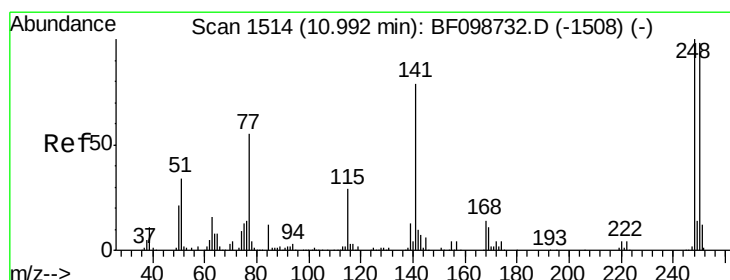
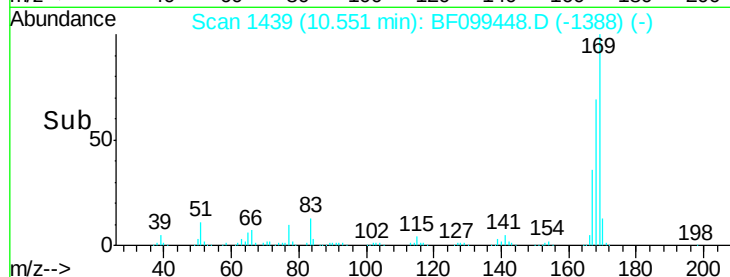
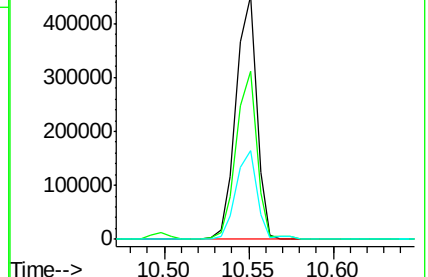
167 36.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.80 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

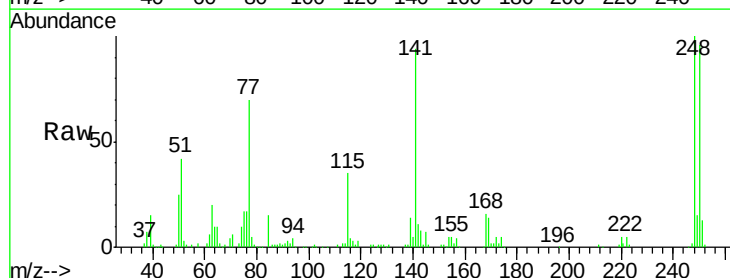
Tgt Ion:248 Resp: 108469

Ion Ratio Lower Upper

248 100

250 96.0 76.9 115.3

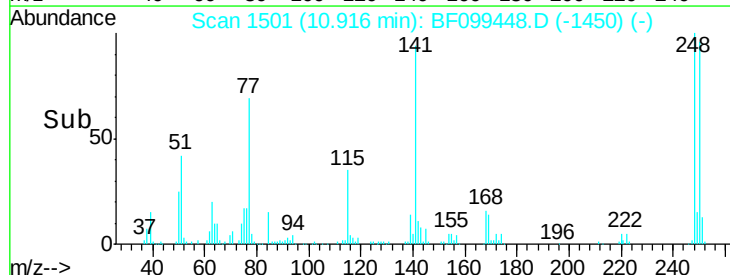
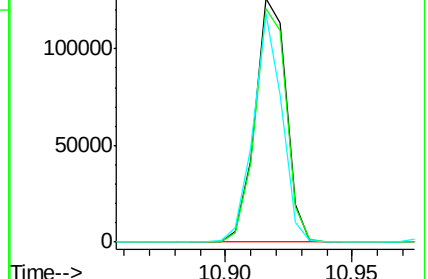
141 93.7 74.4 111.6

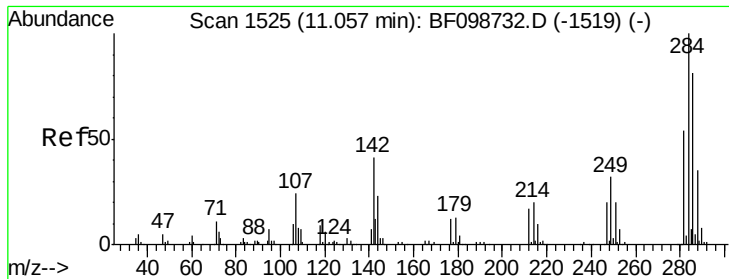


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.96 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

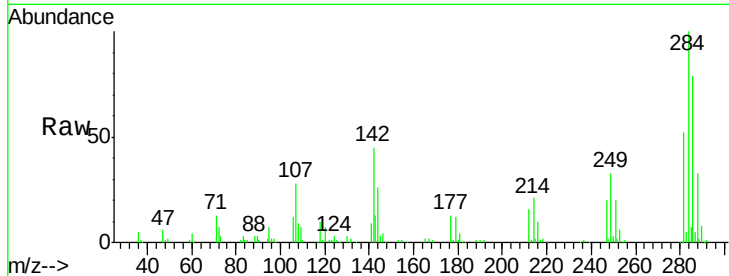
Tot Ion:284 Resp: 104353

Ion Ratio Lower Upper

284 100

142 45.4 34.6 52.0

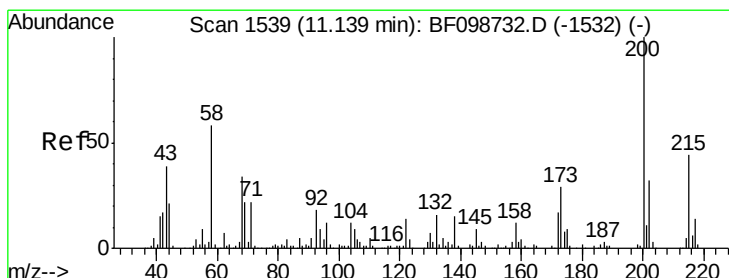
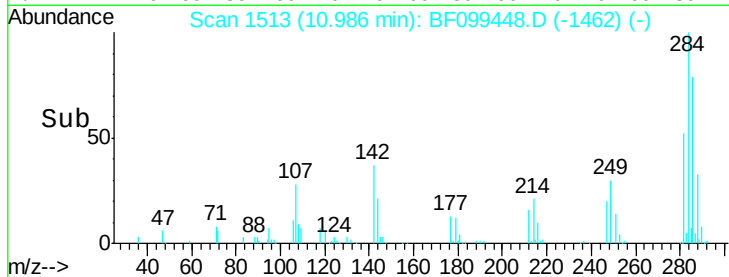
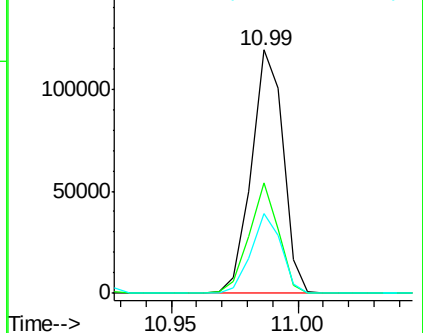
249 32.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.34 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

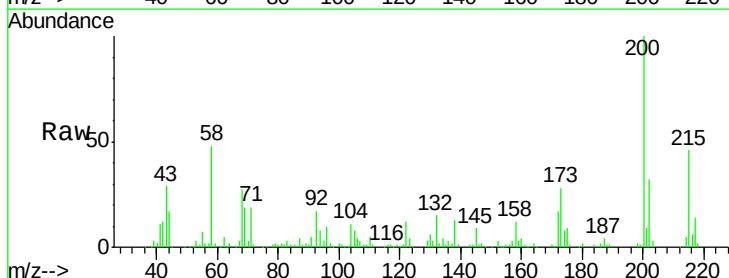
Tgt Ion:200 Resp: 112042

Ion Ratio Lower Upper

200 100

173 27.9 8.6 48.6

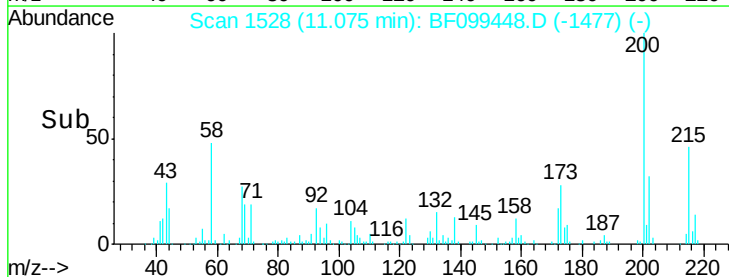
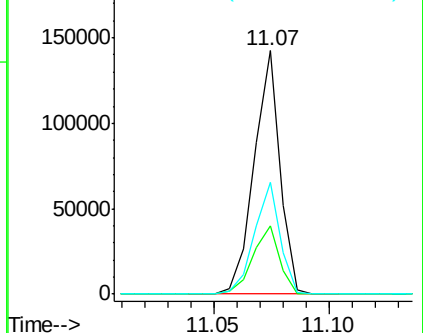
215 45.9 25.1 65.1

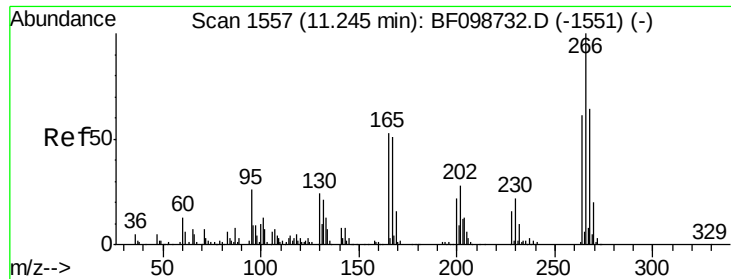


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

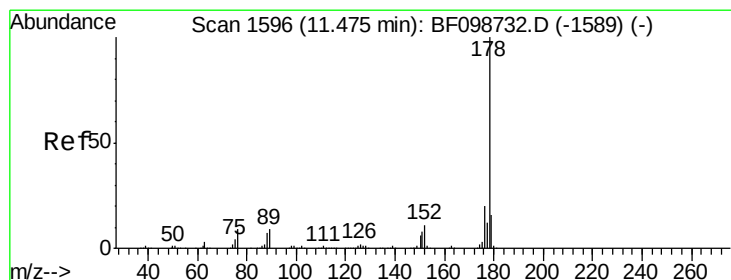
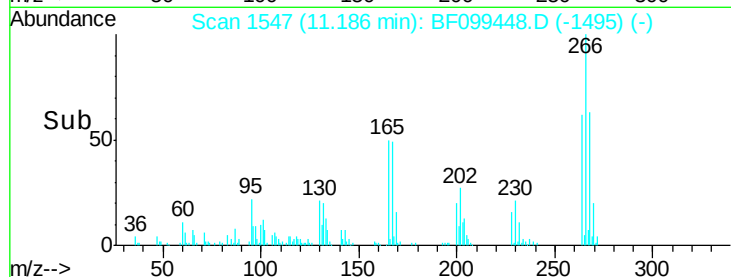
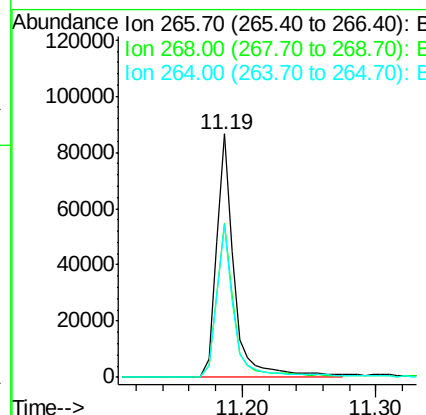
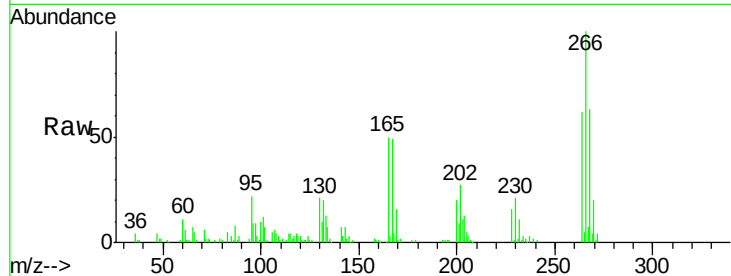




#69
 Pentachlorophenol
 Concen: 55.12 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

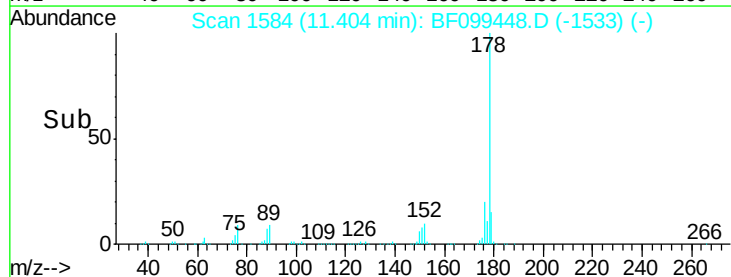
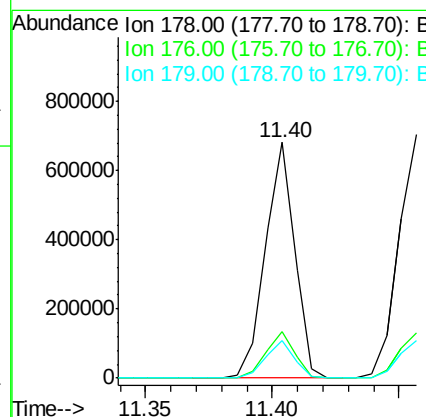
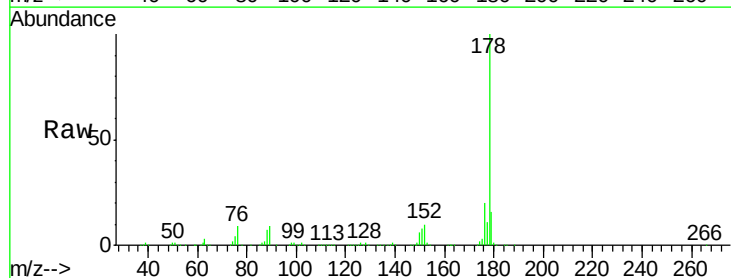
Instrument :
 BNA_F
 ClientSampled :

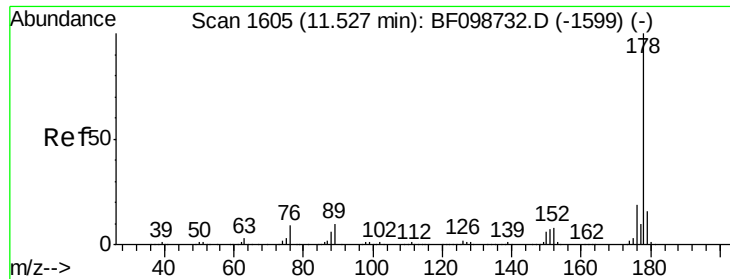
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	62.5	49.5	74.3



#70
 Phenanthrene
 Concen: 45.55 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	13.0	19.6

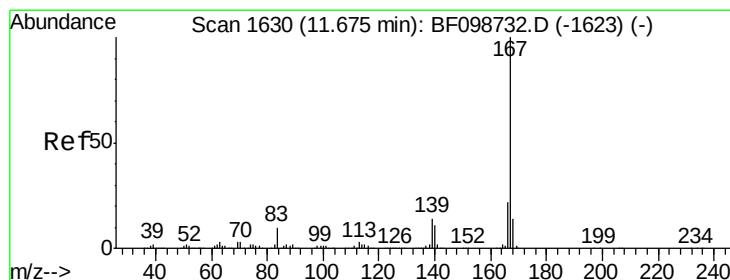
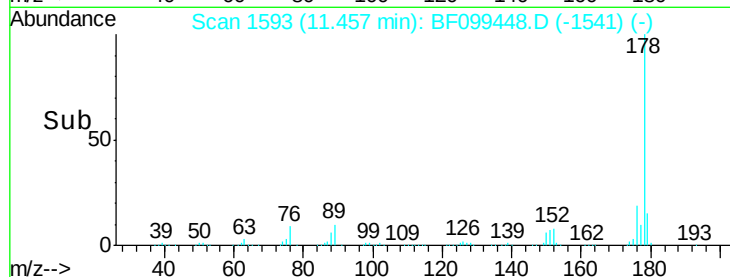
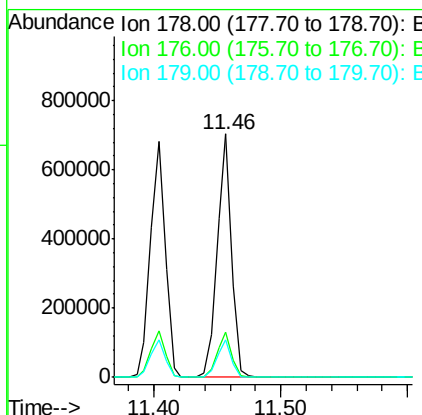
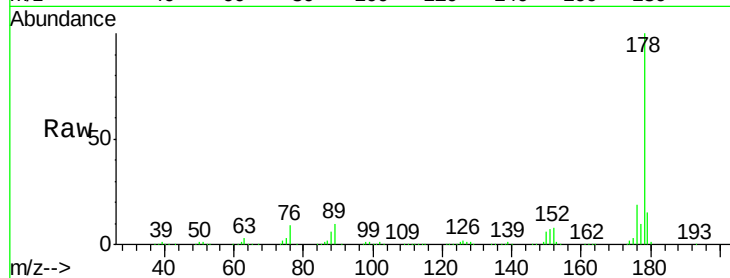




#71
 Anthracene
 Concen: 45.23 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

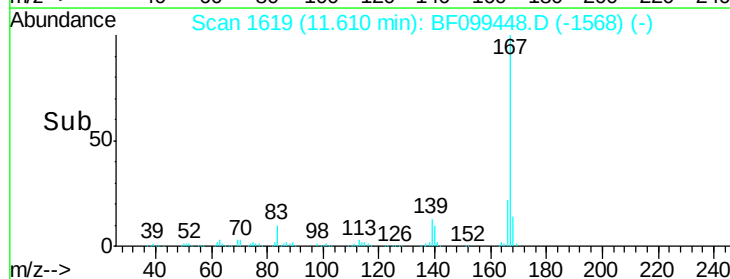
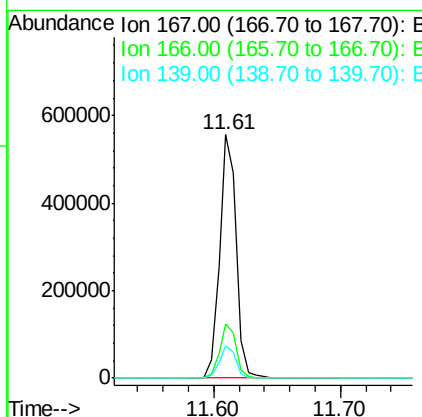
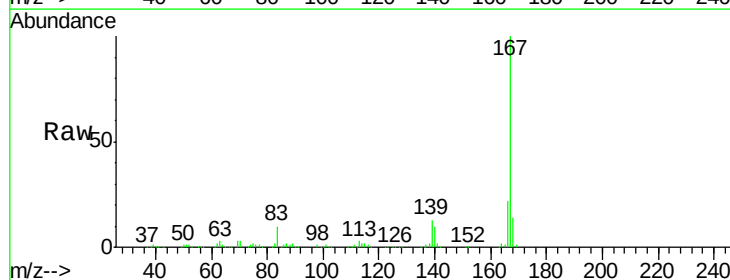
Instrument :
 BNA_F
 ClientSampleId :

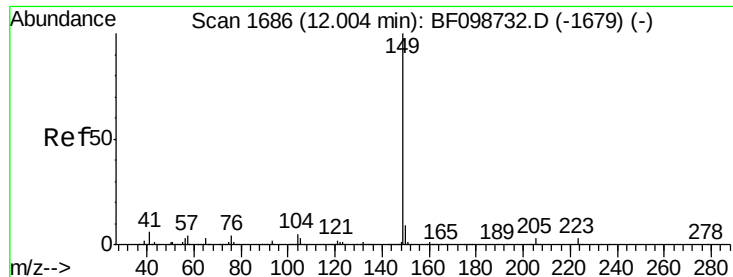
Tot Ion:178 Resp: 562549
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 41.75 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion:167 Resp: 508482
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.01 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

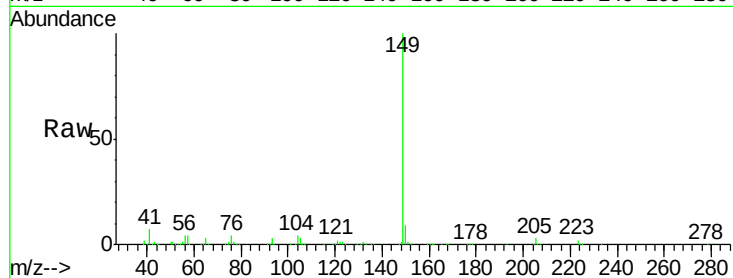
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 630469

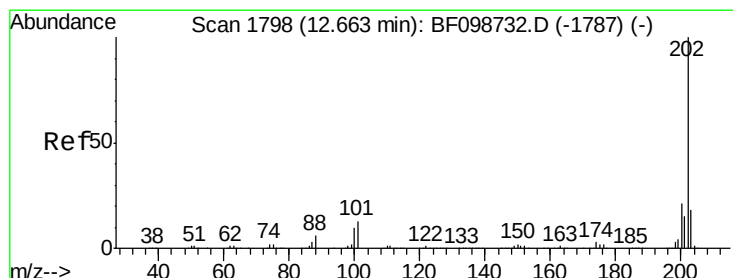
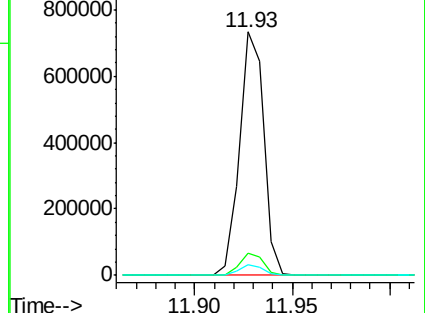
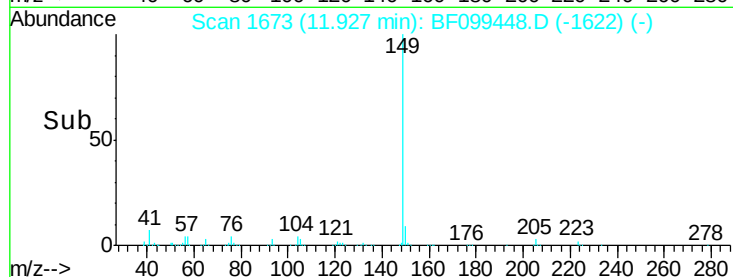
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.4	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.76 ng

RT: 12.59 min Scan# 1786

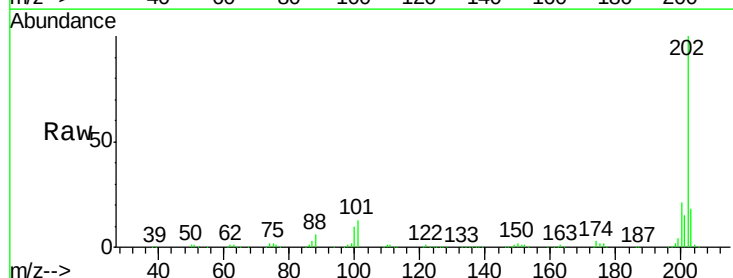
Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Tgt Ion:202 Resp: 501751

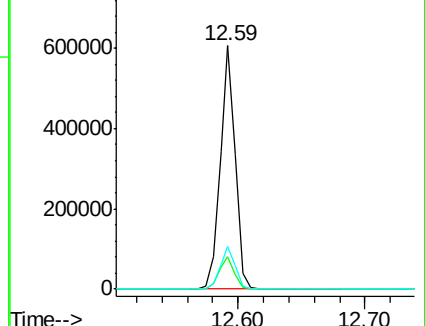
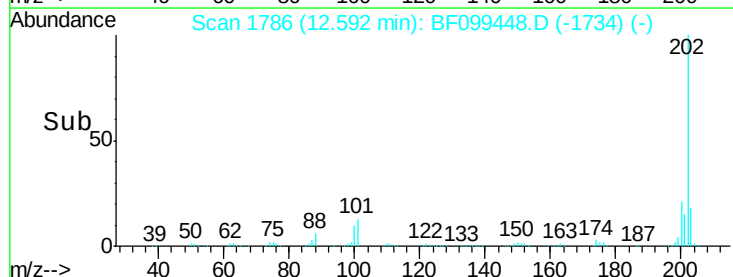
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.5	0.0	38.1

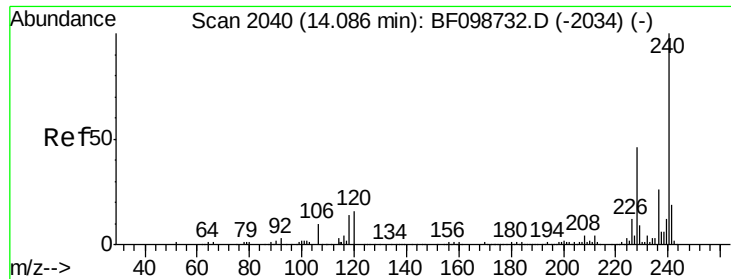


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

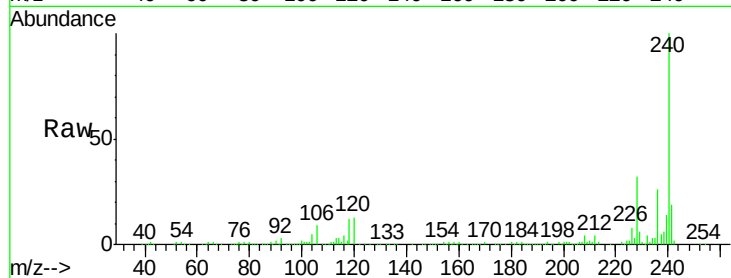




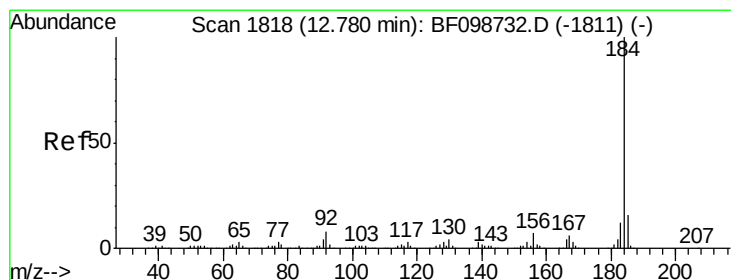
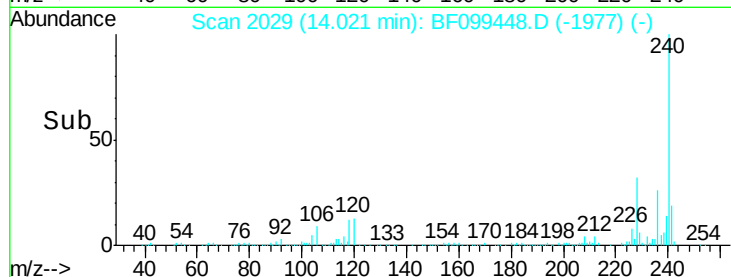
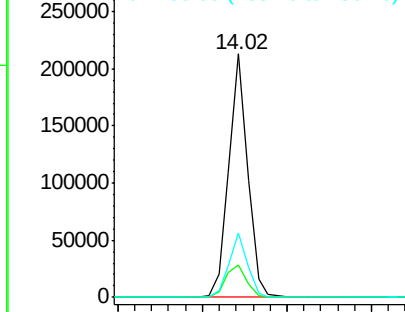
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 165424
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.5 20.7 31.1

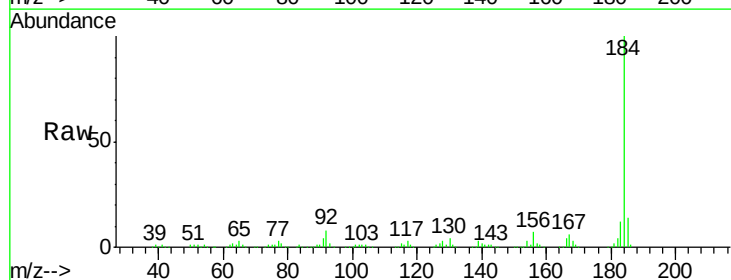


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

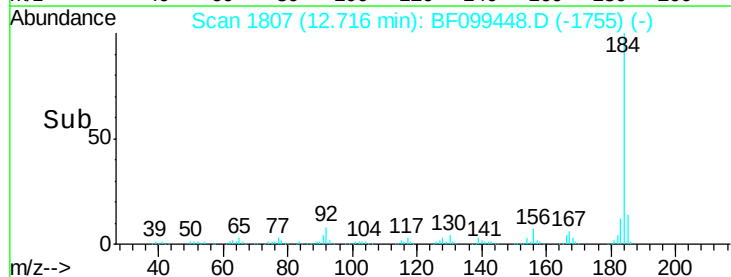
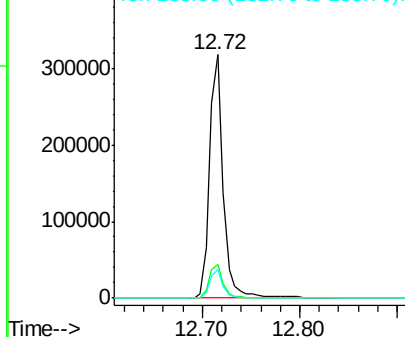


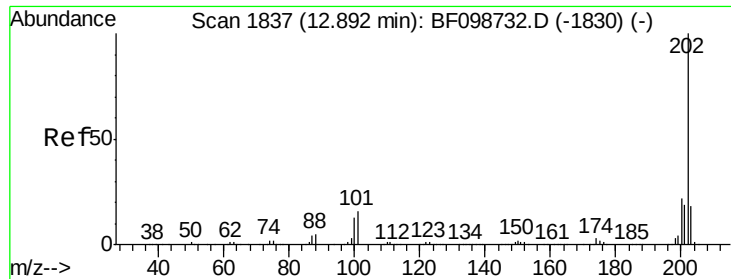
#76
Benzidine
Concen: 50.59 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:184 Resp: 309542
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 12.0 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

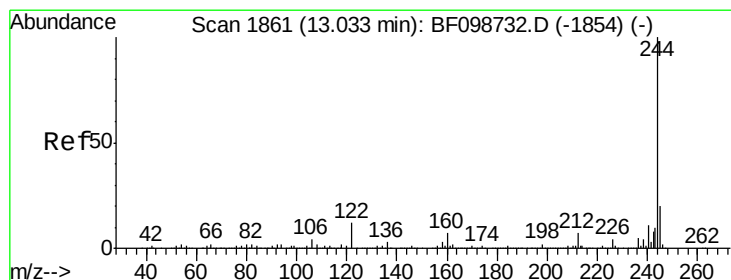
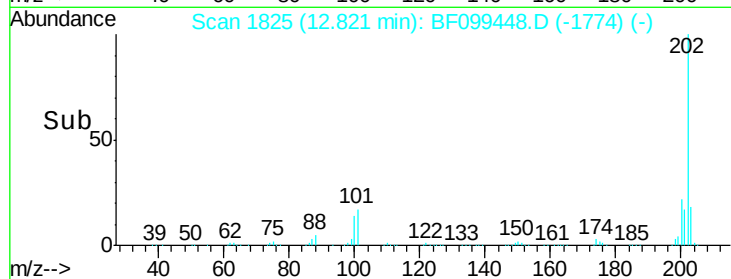
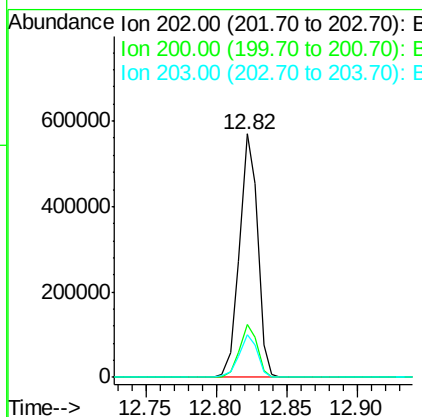
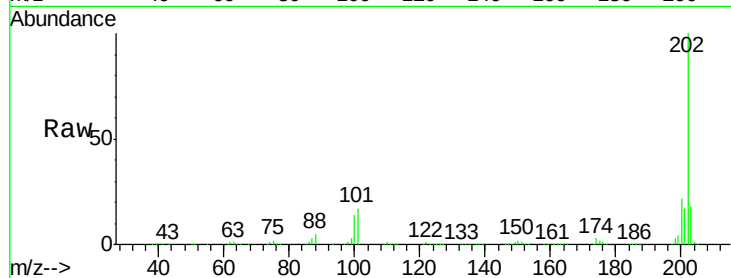




#77
 Pvrene
 Concen: 40.53 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

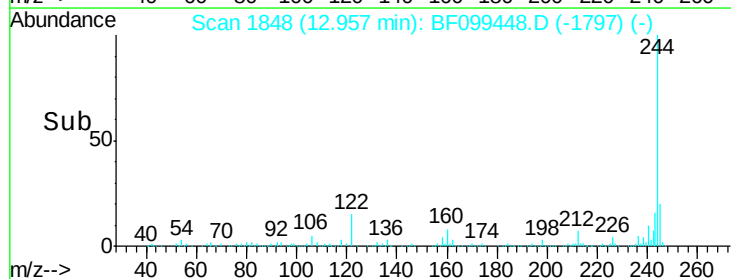
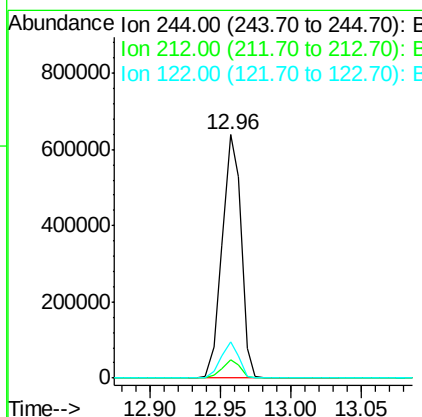
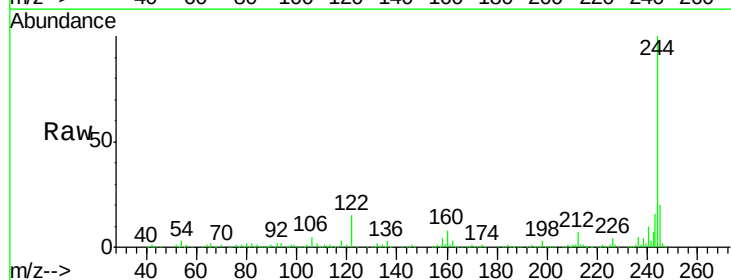
Instrument :
 BNA_F
 ClientSampleId :

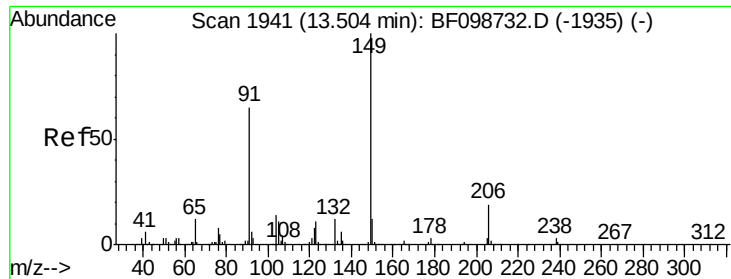
Tot Ion:202 Resp: 511259
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 17.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 82.10 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion:244 Resp: 597204
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 15.1 11.0 16.4

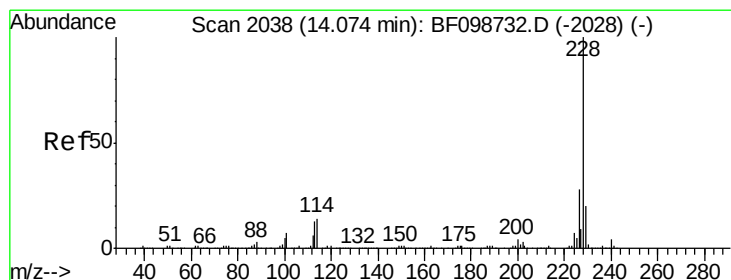
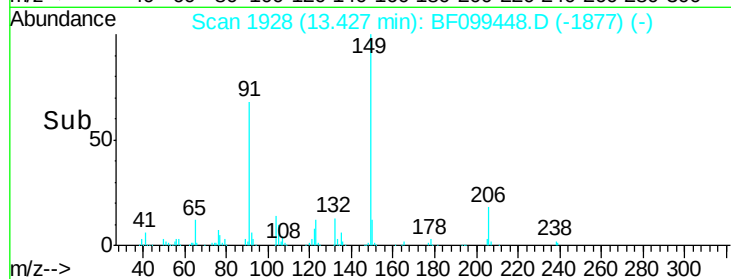
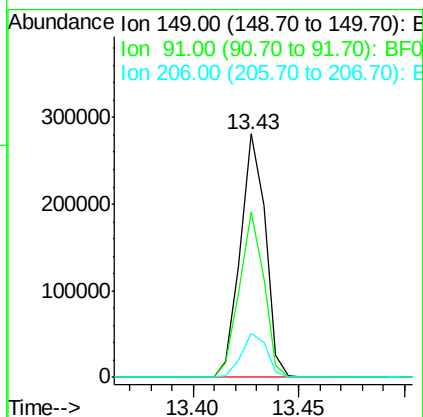
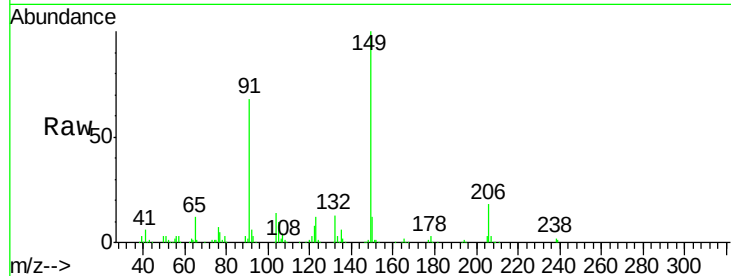




#79
Butylbenzylphthalate
Concen: 38.94 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

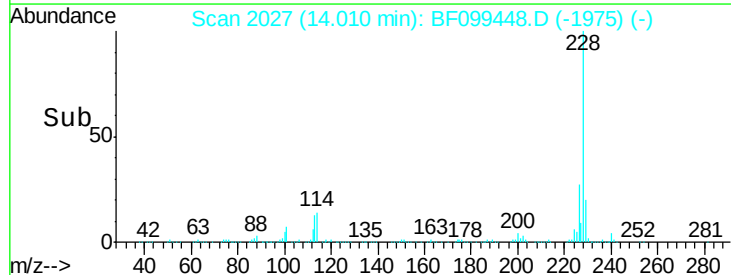
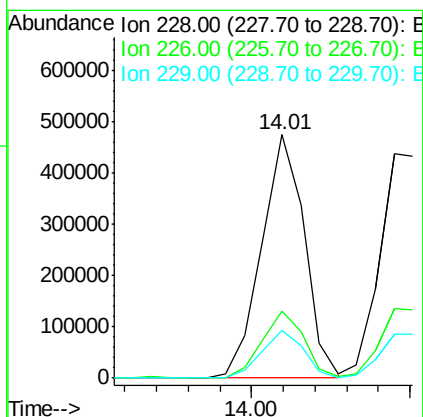
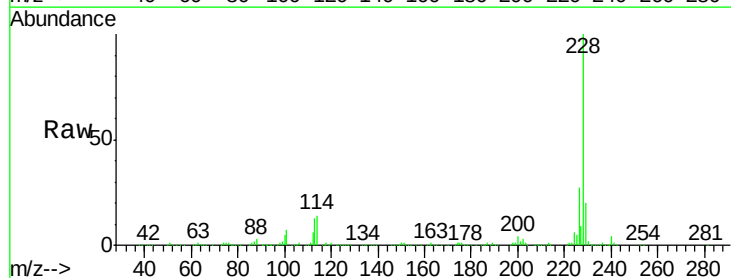
Instrument :
BNA_F
ClientSampleId :

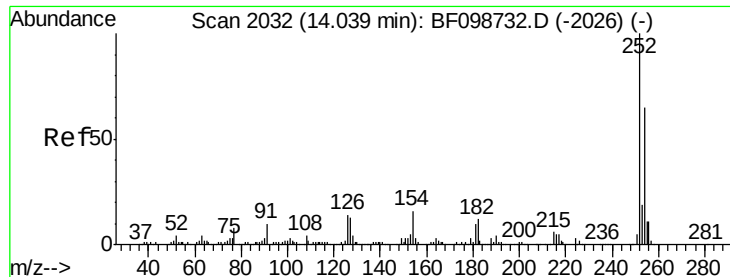
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.9	56.8	85.2
206	18.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.52 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.5	15.8	23.6

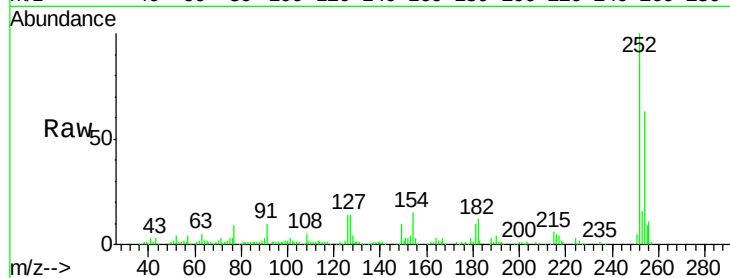




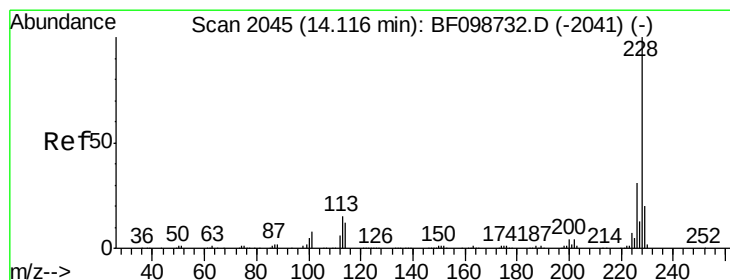
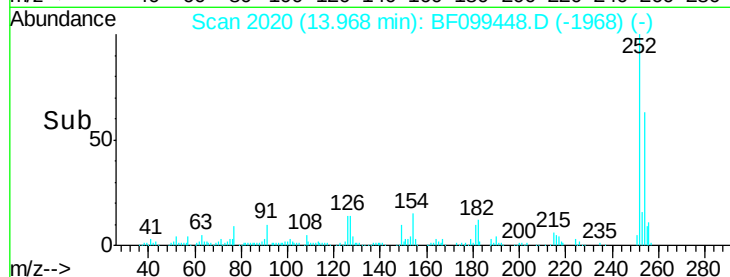
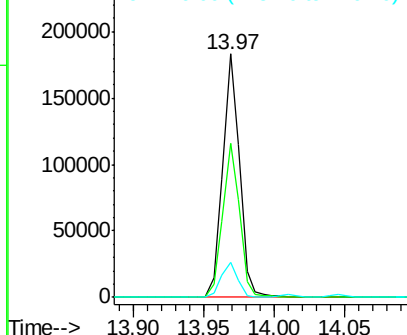
#81
 3,3'-Dichlorobenzidine
 Concen: 41.83 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 153613
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.4 75.6
 126 14.3 11.3 16.9

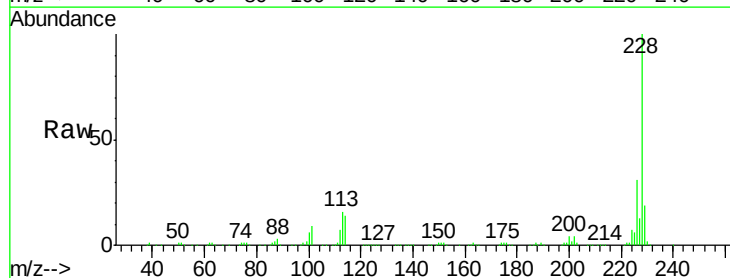


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

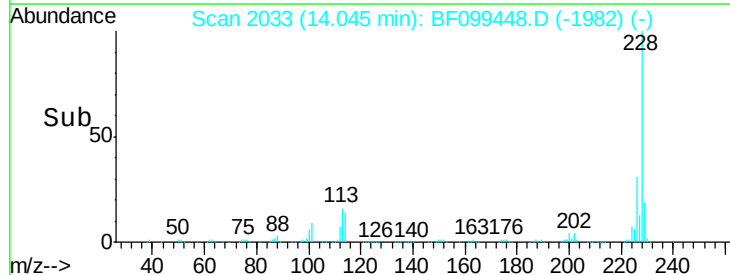
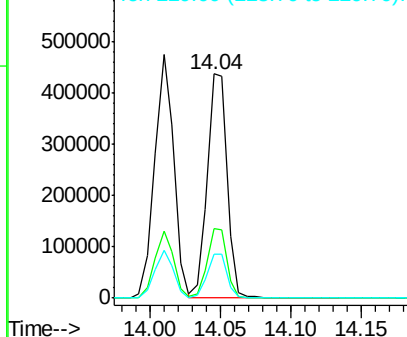


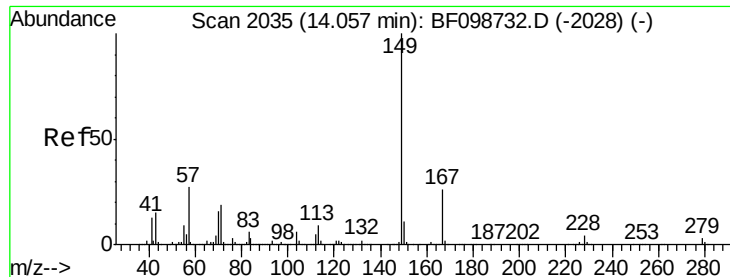
#82
 Chrysene
 Concen: 44.91 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Tgt Ion:228 Resp: 428315
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.4 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: 38.74 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

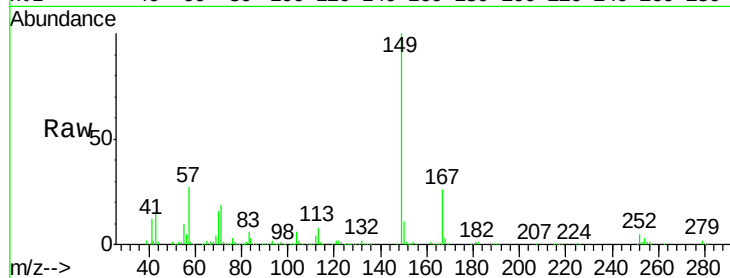
Tot Ion:149 Resp: 316254

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

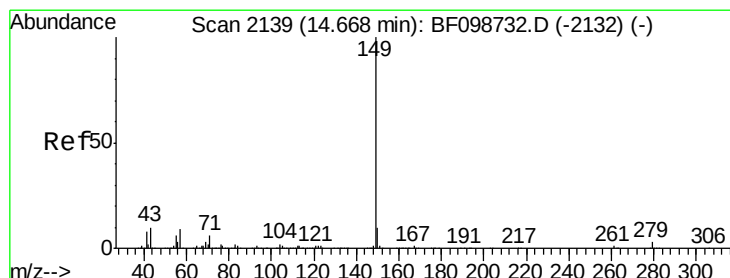
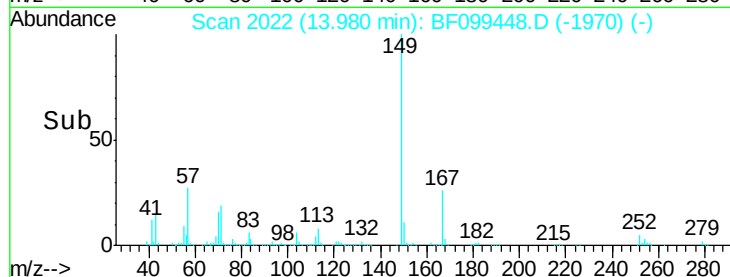
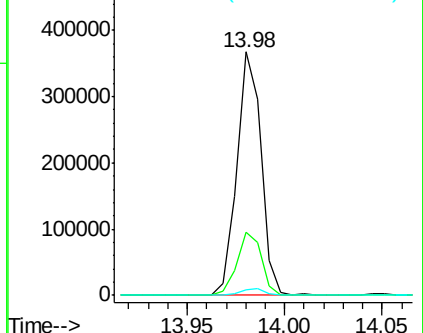
279 2.3 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.41 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

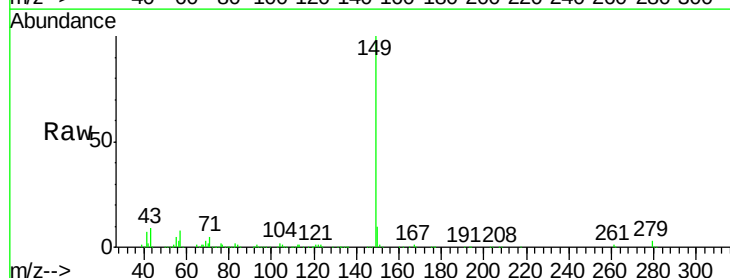
Tgt Ion:149 Resp: 570528

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

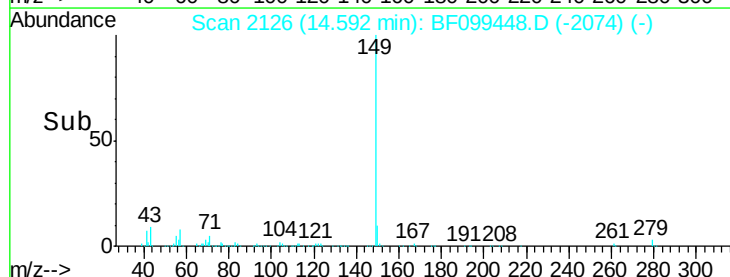
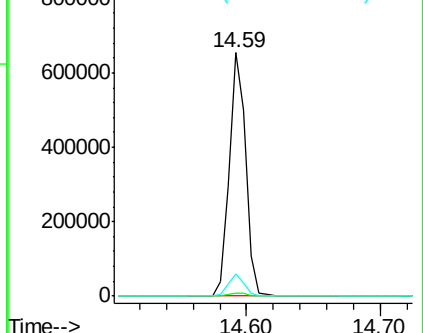
43 8.7 8.4 12.6

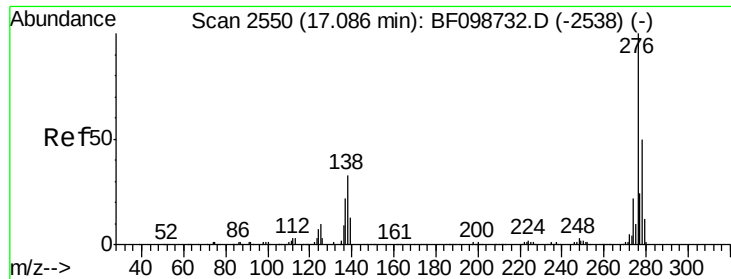


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 66.71 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.03 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

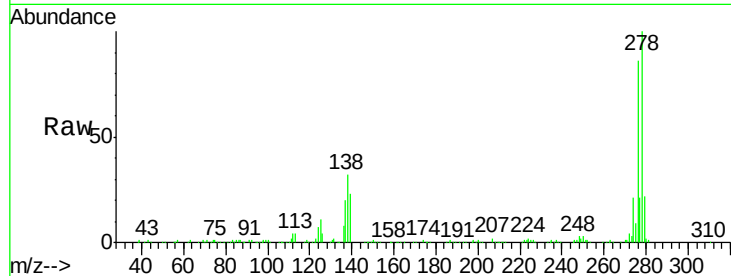
Tot Ion:276 Resp: 508895

Ion Ratio Lower Upper

276 100

138 34.4 25.0 37.6

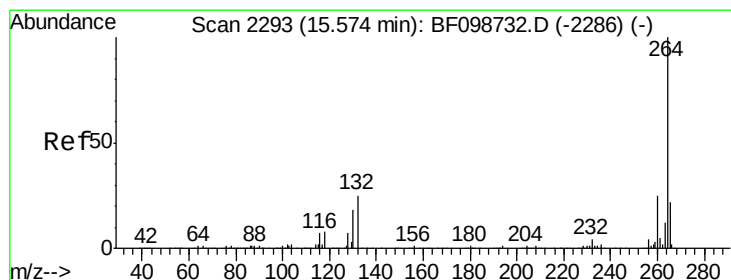
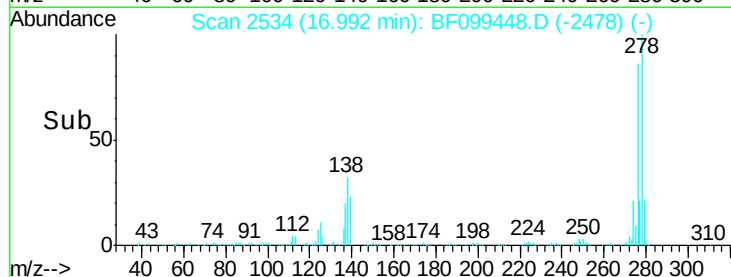
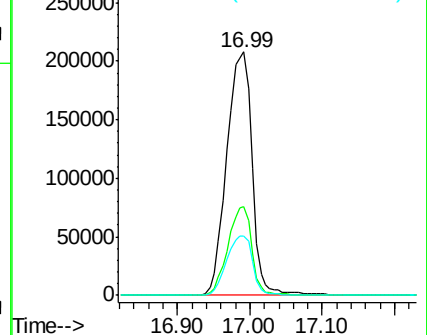
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099448.D

Acq: 13 Oct 2017 19:16

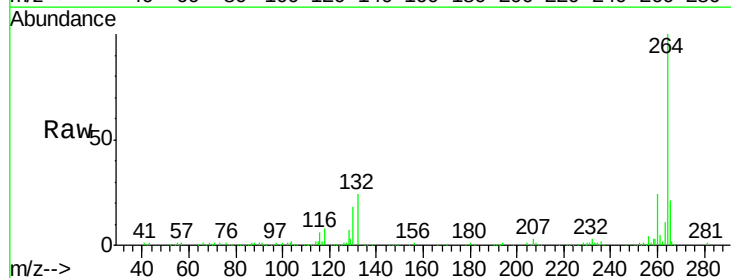
Tgt Ion:264 Resp: 185683

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

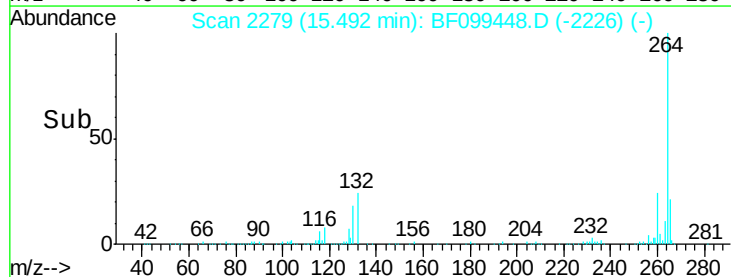
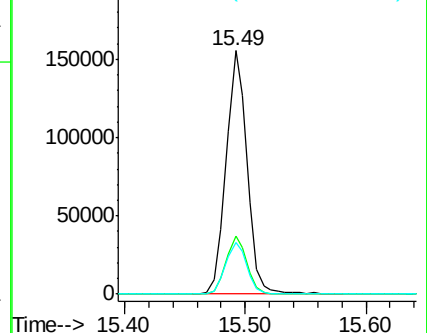
265 21.0 17.5 26.3

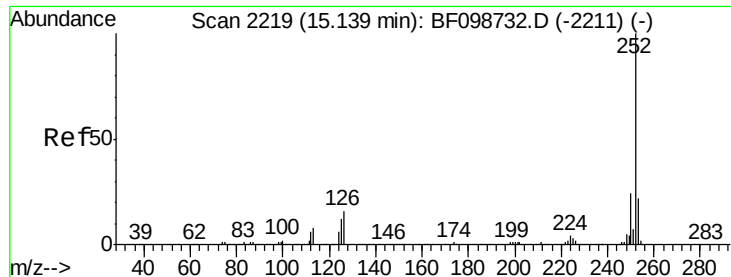


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

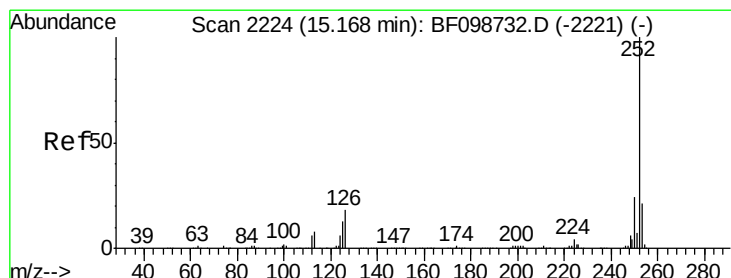
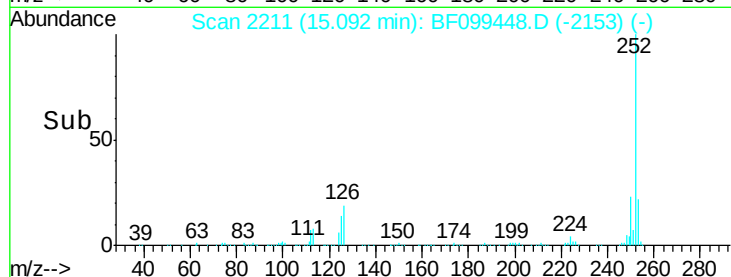
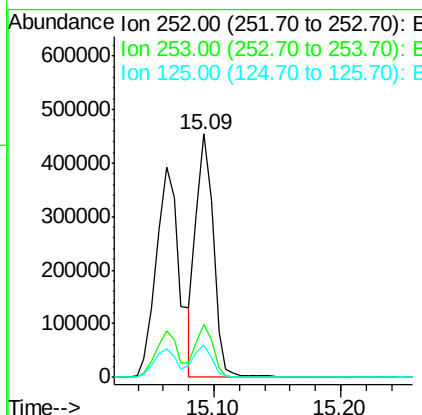
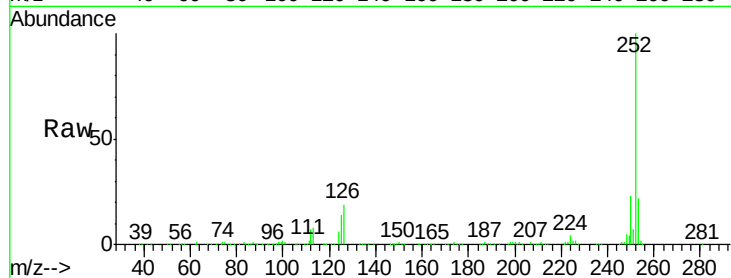




#87
Benzo(b)fluoranthene
Concen: 37.53 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.04 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

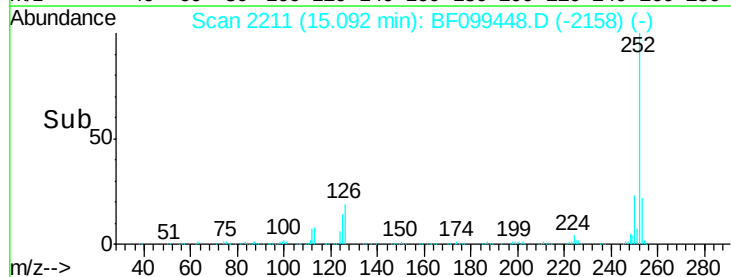
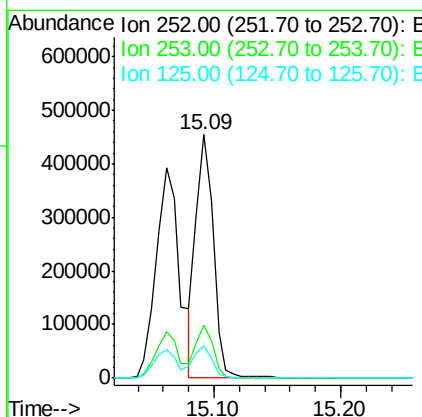
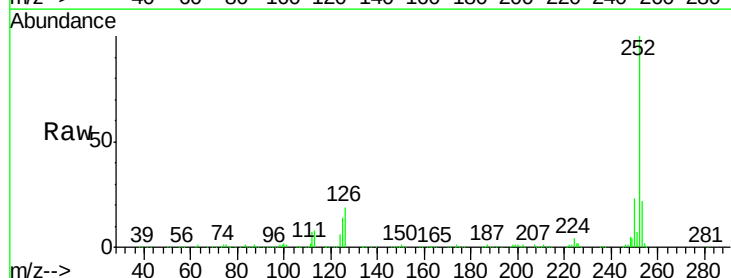
Instrument :
BNA_F
ClientSampleId :

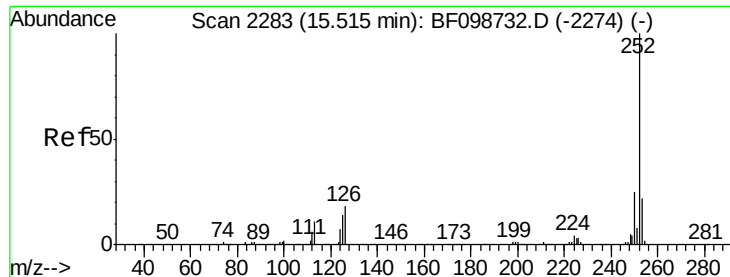
Tot Ion:252 Resp: 428440
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.00 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:252 Resp: 428440
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.5 10.2 15.2

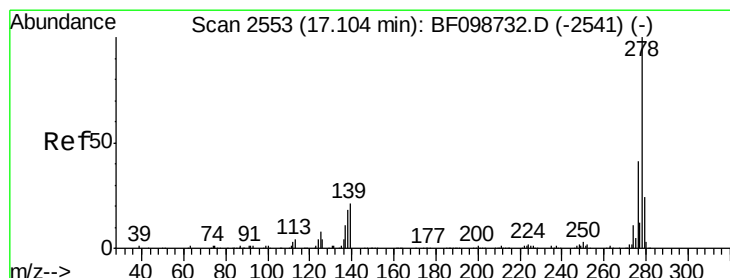
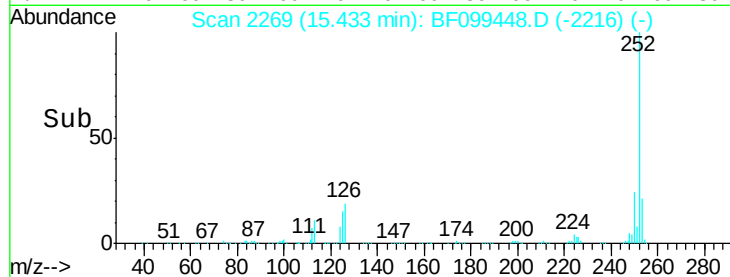
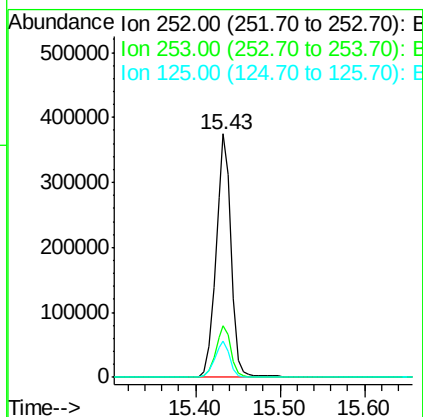
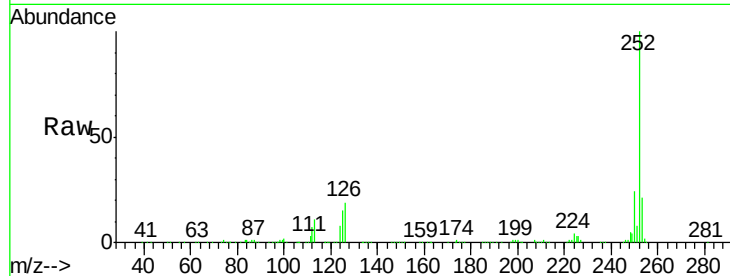




#89
Benzo(a)pyrene
Concen: 45.26 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

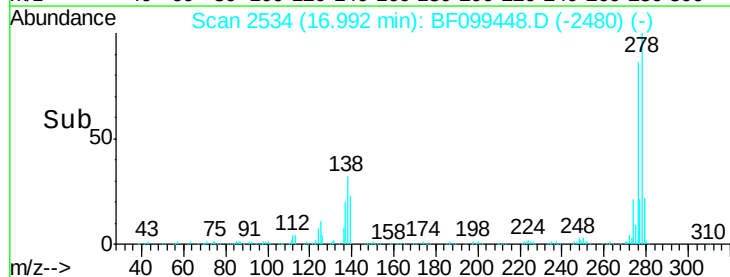
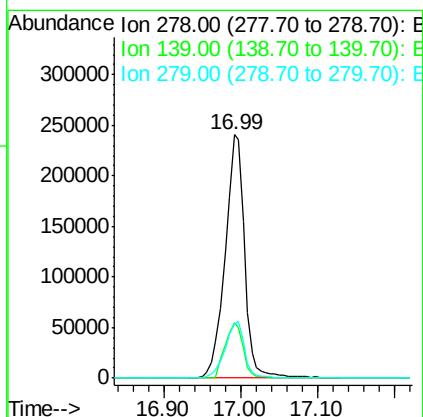
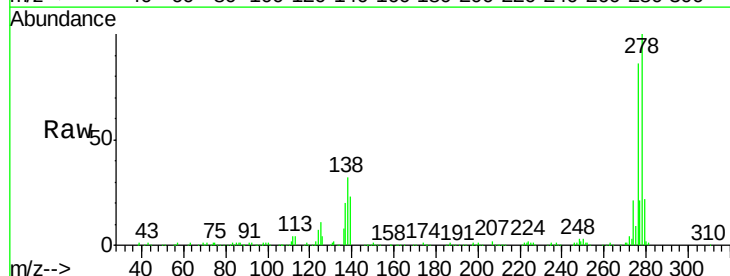
Instrument :
BNA_F
ClientSampleId :

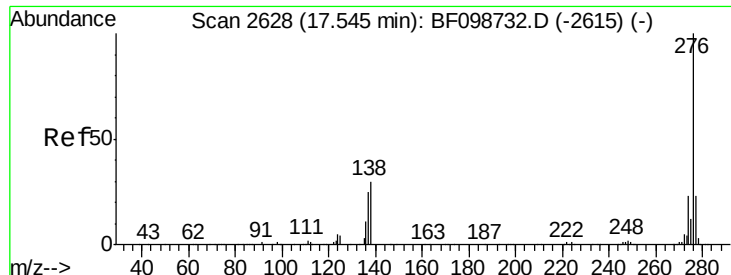
Tot Ion:252 Resp: 474287
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 14.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 50.66 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF099448.D
Acq: 13 Oct 2017 19:16

Tgt Ion:278 Resp: 424893
Ion Ratio Lower Upper
278 100
139 22.8 15.9 23.9
279 22.2 19.0 28.4

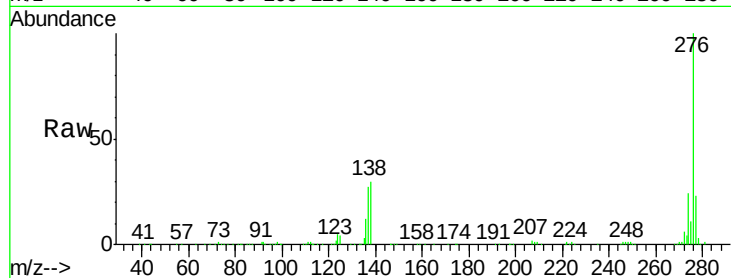




#91
 Benzo(a,h,i)perylene
 Concen: 50.46 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.02 min
 Lab File: BF099448.D
 Acq: 13 Oct 2017 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	29.8	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

