

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099449.D
 Acq On : 13 Oct 2017 19:44
 Operator : SJ/JU
 Sample : PB103199BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 22:52:04 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	100965	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	405660	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	163806	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	240702	20.00	ng	0.00
75) Chrysene-d12	14.02	240	167191	20.00	ng	0.00
86) Perylene-d12	15.49	264	189079	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	806738	127.20	ng	0.02
7) Phenol-d6	6.50	99	959486	122.63	ng	0.01
23) Nitrobenzene-d5	7.42	82	574037	90.75	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	162925	121.55	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1014436	103.39	ng	0.00
78) Terphenyl-d14	12.96	244	642385	87.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	105967	34.98	ng	94
3) Pyridine	3.48	79	299653	36.56	ng	94
4) n-Nitrosodimethylamine	3.42	42	123177	35.44	ng	82
6) Aniline	6.52	93	250933	23.76	ng	99
8) 2-Chlorophenol	6.65	128	298267	41.53	ng	92
9) Benzaldehyde	6.41	77	102355	22.55	ng	93
10) Phenol	6.51	94	360935	41.25	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	275294	40.47	ng	98
12) 1,3-Dichlorobenzene	6.79	146	317284	42.18	ng	97
13) 1,4-Dichlorobenzene	6.87	146	320316	41.85	ng	99
14) 1,2-Dichlorobenzene	7.03	146	296636	41.95	ng	96
15) Benzyl Alcohol	7.00	79	223573	38.95	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	387631	36.57	ng	93
17) 2-Methylphenol	7.11	107	244169	41.55	ng	98
18) Hexachloroethane	7.36	117	109065	39.65	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	179610	35.96	ng	93
20) 3+4-Methylphenols	7.26	107	288953	38.87	ng	# 73
22) Acetophenone	7.27	105	376468	38.30	ng	# 97
24) Nitrobenzene	7.44	77	288467	40.20	ng	98
25) Isophorone	7.67	82	530190	40.54	ng	99
26) 2-Nitrophenol	7.76	139	163729	47.45	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	258433	39.66	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	344646	42.29	ng	100
29) 2,4-Dichlorophenol	8.00	162	240687	43.02	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	242335	43.31	ng	99
31) Naphthalene	8.16	128	812556	42.65	ng	99
32) Benzoic acid	7.92	122	137769	25.74	ng	97
33) 4-Chloroaniline	8.21	127	78586	9.88	ng	95
34) Hexachlorobutadiene	8.27	225	118614	41.15	ng	99
35) Caprolactam	8.59	113	59565	33.19	ng	86
36) 4-Chloro-3-methylphenol	8.70	107	245902	39.10	ng	95
37) 2-Methylnaphthalene	8.85	142	551501	44.53	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	216167	44.25	ng	98
40) Hexachlorocyclopentadiene	9.00	237	85462	38.28	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	148085	42.79	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	154525	44.73	nq	95
45) 1,1'-Biphenyl	9.32	154	625554	44.43	nq	98
46) 2-Chloronaphthalene	9.34	162	486700	46.04	nq	98
47) 2-Nitroaniline	9.44	65	140406	43.38	nq	98
48) Acenaphthylene	9.76	152	722358	44.64	nq	99
49) Dimethylphthalate	9.61	163	564238	45.64	nq	99
50) 2,6-Dinitrotoluene	9.68	165	125590	46.66	nq	89
51) Acenaphthene	9.93	154	420569	41.03	nq	99
52) 3-Nitroaniline	9.85	138	69809	22.24	nq	# 87
53) 2,4-Dinitrophenol	9.96	184	63391	47.77	nq	97
54) Dibenzofuran	10.10	168	627567	45.98	nq	100
55) 4-Nitrophenol	10.02	139	152030	57.29	nq	84
56) 2,4-Dinitrotoluene	10.09	165	153457	43.93	nq	92
57) Fluorene	10.44	166	478797	43.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	103887	43.53	nq	96
59) Diethylphthalate	10.31	149	518581	42.93	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	218955	44.44	nq	98
61) 4-Nitroaniline	10.47	138	115068	38.00	nq	86
62) Azobenzene	10.59	77	470113	42.32	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	49573	33.85	nq	82
65) n-Nitrosodiphenylamine	10.55	169	424910	50.96	nq	98
66) 4-Bromophenyl-phenylether	10.92	248	120444	51.12	nq	# 89
67) Hexachlorobenzene	10.99	284	114169	45.37	nq	99
68) Atrazine	11.07	200	124957	49.81	nq	99
69) Pentachlorophenol	11.19	266	91625	58.51	nq	99
70) Phenanthrene	11.40	178	608616	47.24	nq	98
71) Anthracene	11.46	178	624867	47.40	nq	99
72) Carbazole	11.61	167	556711	43.12	nq	99
73) Di-n-butylphthalate	11.93	149	694371	44.69	nq	98
74) Fluoranthene	12.59	202	541017	41.47	nq	99
76) Benzidine	12.72	184	261928	42.36	nq	97
77) Pyrene	12.82	202	545181	42.76	nq	100
79) Butylbenzylphthalate	13.43	149	247958	41.38	nq	98
80) Benzo(a)anthracene	14.01	228	469913	46.42	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	140493	37.86	nq	99
82) Chrysene	14.05	228	451932	46.89	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	333416	40.41	nq	# 100
84) Di-n-octyl phthalate	14.59	149	606923	45.69	nq	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	523423	67.89	nq	96
87) Benzo(b)fluoranthene	15.06	252	492255	42.34	nq	98
88) Benzo(k)fluoranthene	15.09	252	510928	44.50	nq	98
89) Benzo(a)pyrene	15.43	252	502352	47.08	nq	# 96
90) Dibenzo(a,h)anthracene	17.00	278	437831	51.27	nq	97
91) Benzo(g,h,i)perylene	17.44	276	435344	51.57	nq	95

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

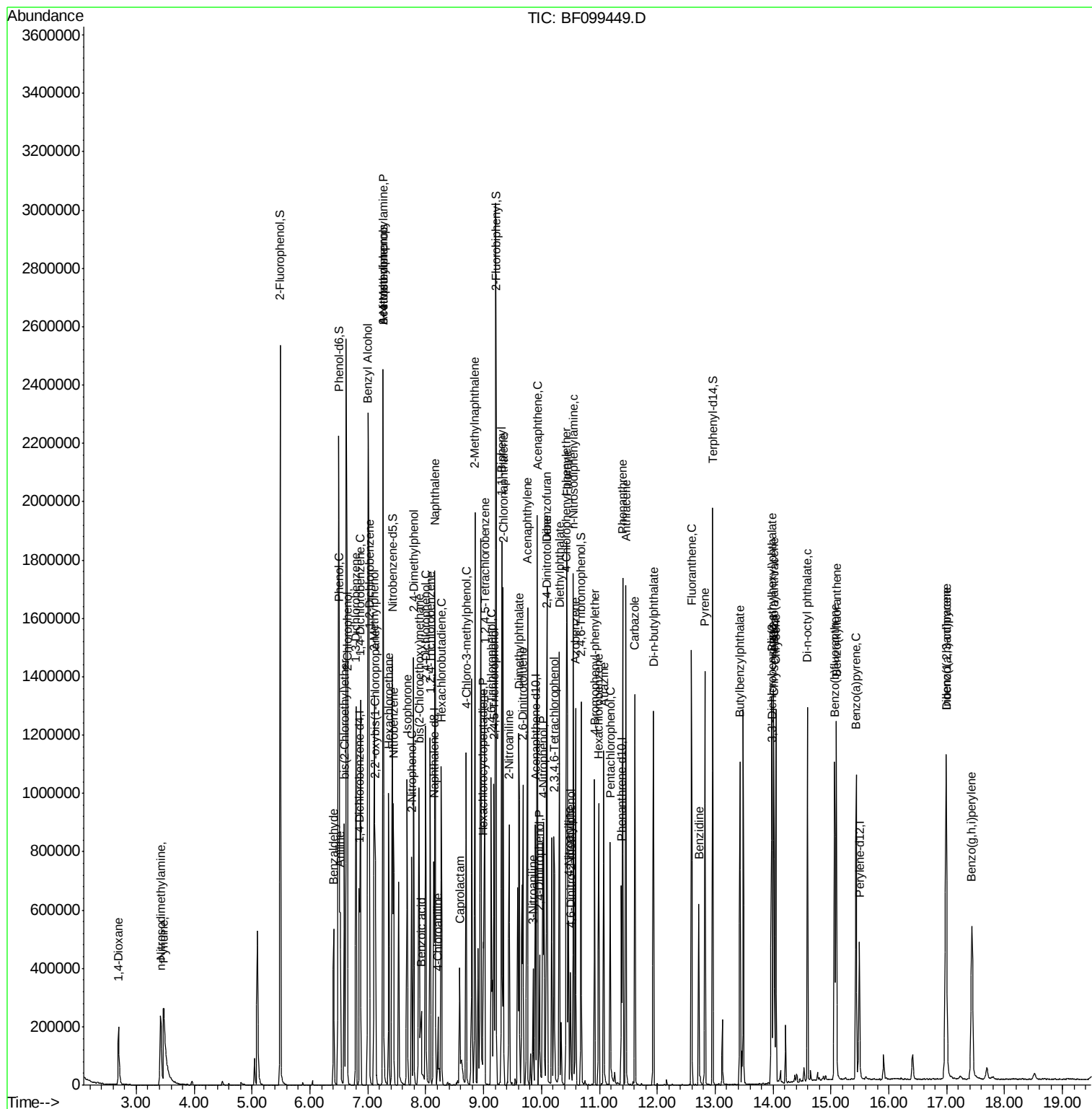
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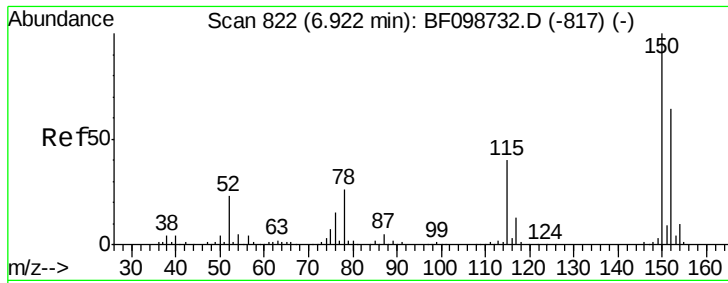
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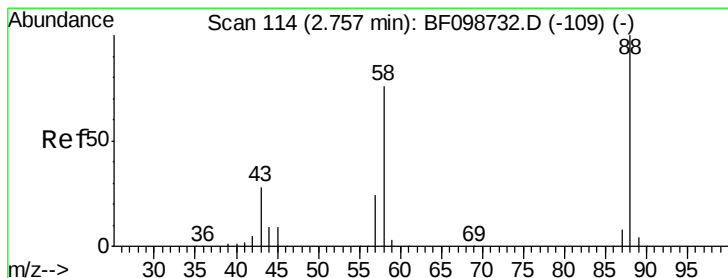
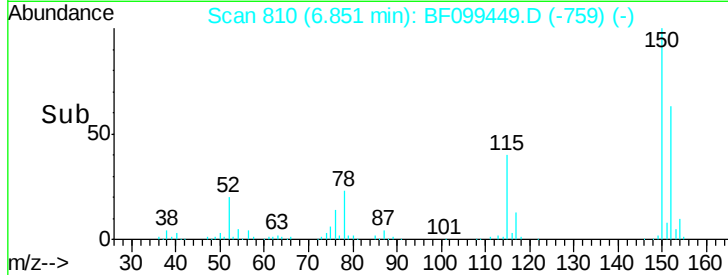
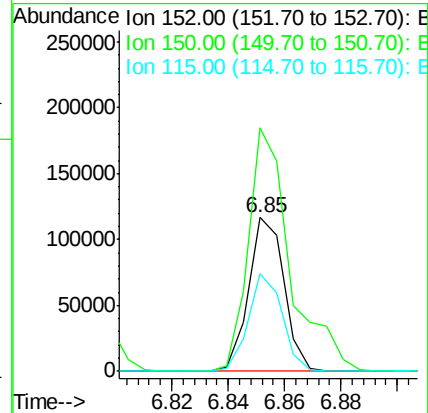
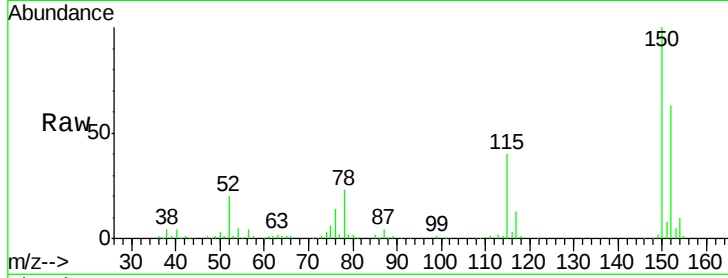


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampled :

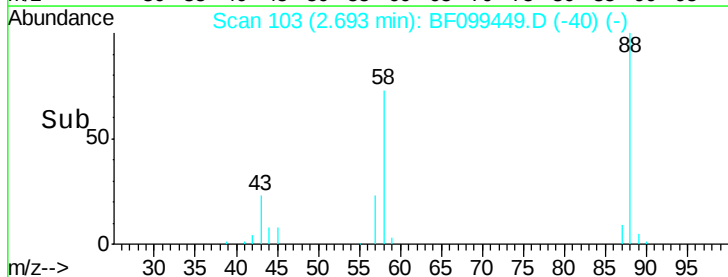
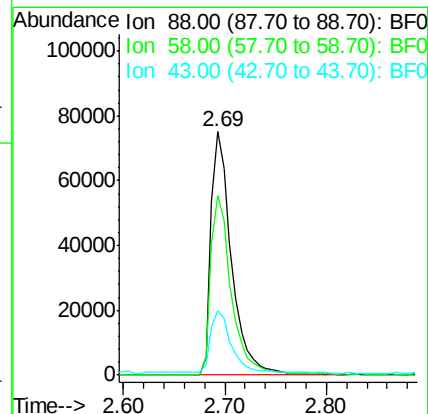
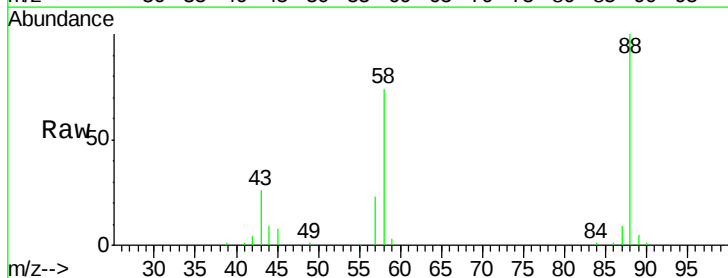
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	63.3	50.1	75.1

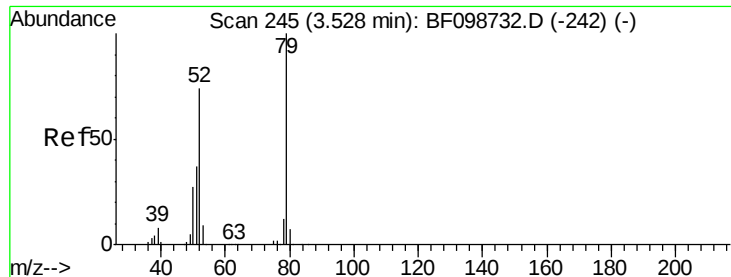


#2

1,4-Dioxane
Concen: 34.98 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	62.6	93.8
43	25.8	24.6	37.0





#3

Pvridine

Concen: 36.56 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.08 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

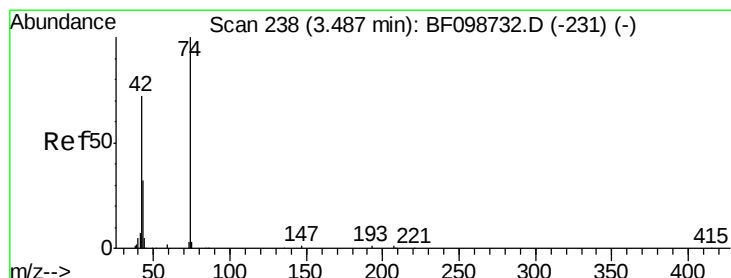
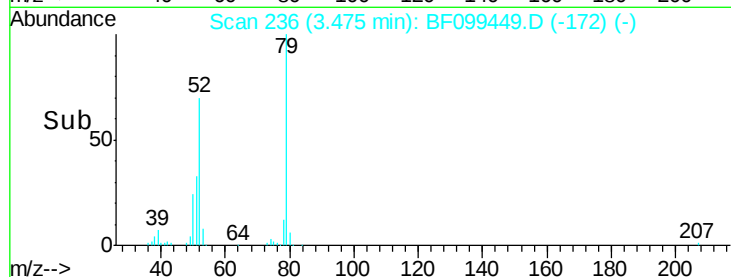
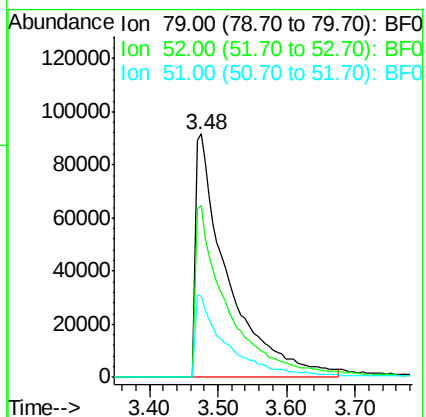
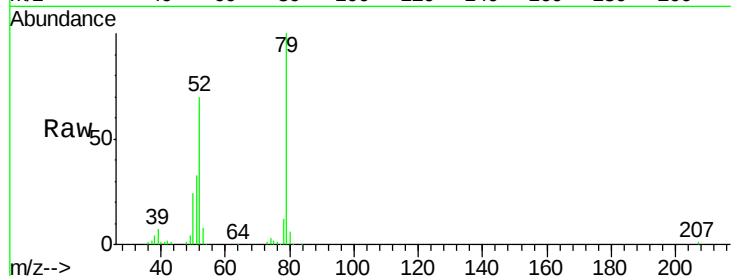
Tot Ion: 79 Resp: 299653

Ion Ratio Lower Upper

79 100

52 70.5 59.8 89.6

51 33.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 35.44 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

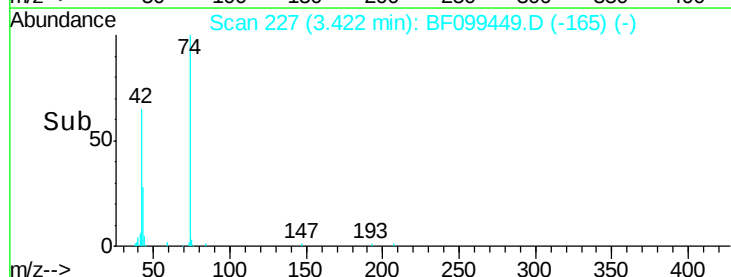
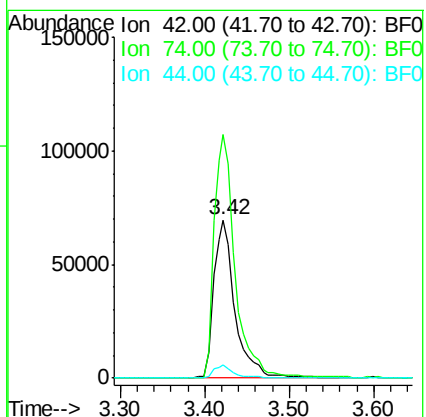
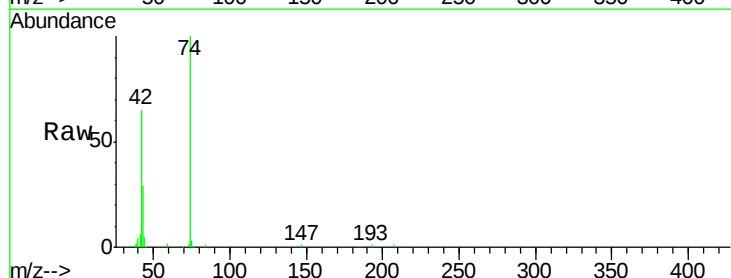
Tgt Ion: 42 Resp: 123177

Ion Ratio Lower Upper

42 100

74 153.8 104.9 157.3

44 8.2 6.9 10.3





#5

2-Fluorophenol

Concen: 127.20 ng

RT: 5.49 min Scan# 578

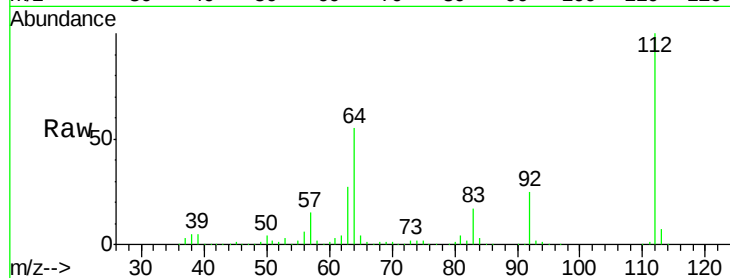
Delta R.T. 0.02 min

Lab File: BF099449.D

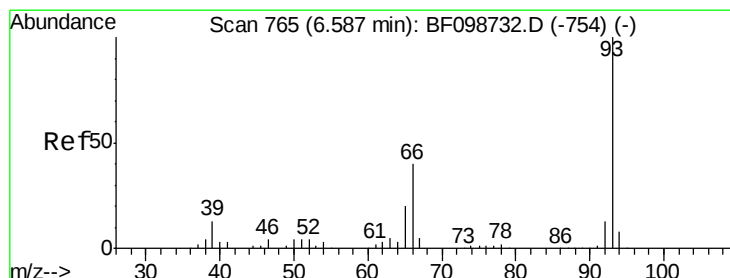
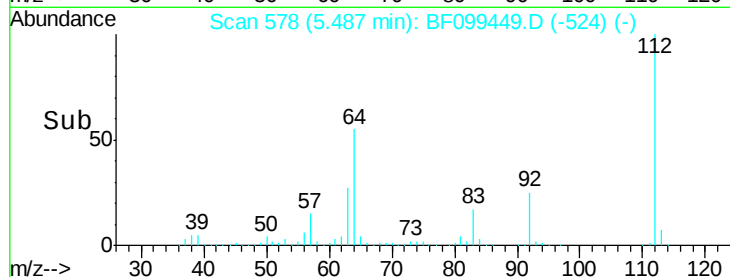
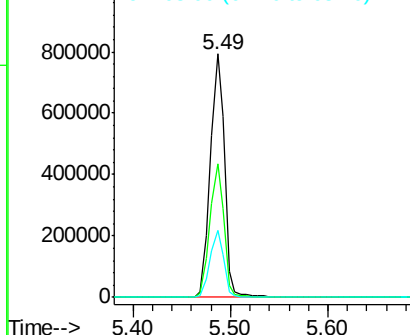
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	806738
Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.9	71.9
63	27.3	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: 23.76 ng

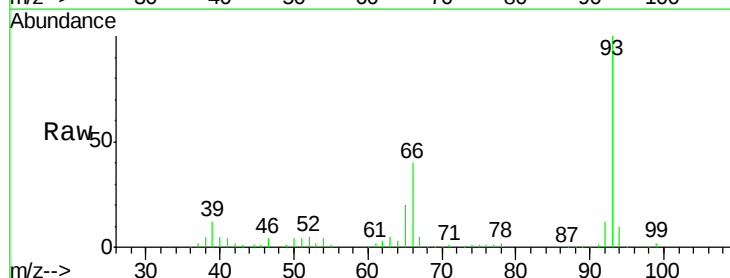
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

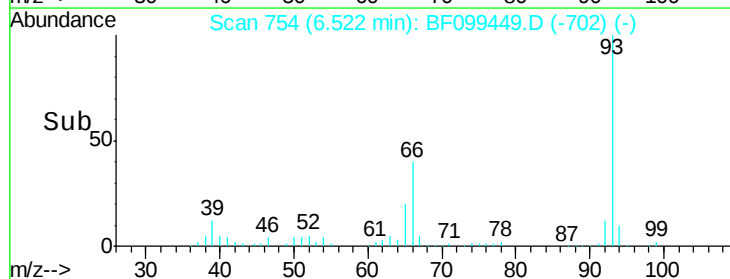
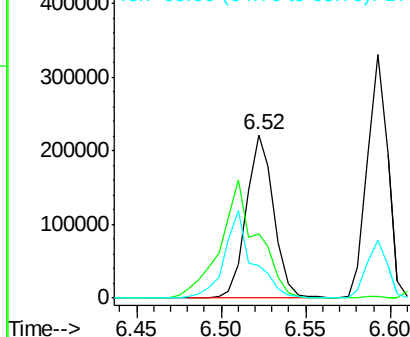
Lab File: BF099449.D

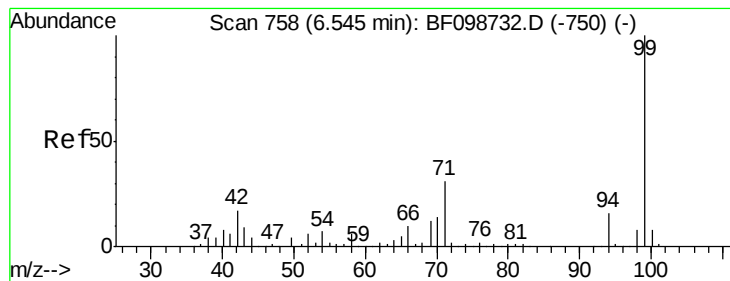
Acq: 13 Oct 2017 19:44

Tgt Ion:	93	Resp:	250933
Ion	Ratio	Lower	Upper
93	100		
66	39.8	32.2	48.2
65	20.0	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: 122.63 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampled :

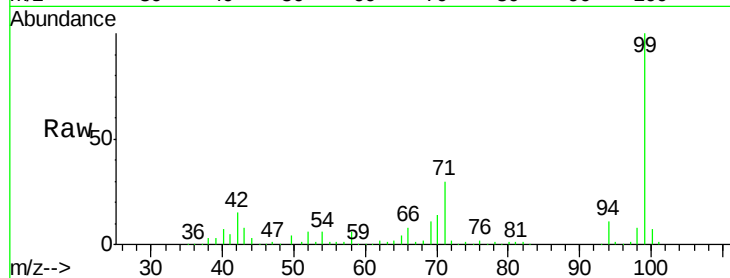
Tot Ion: 99 Resp: 959486

Ion Ratio Lower Upper

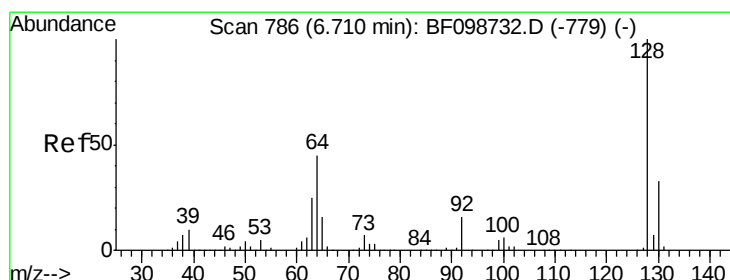
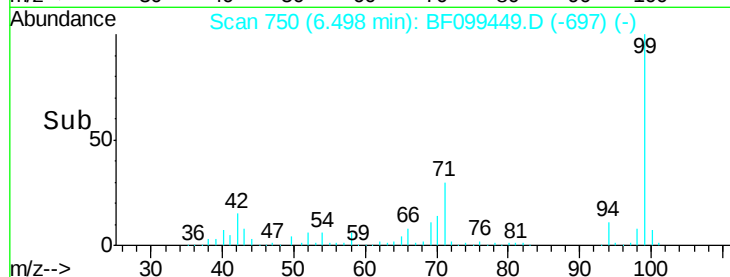
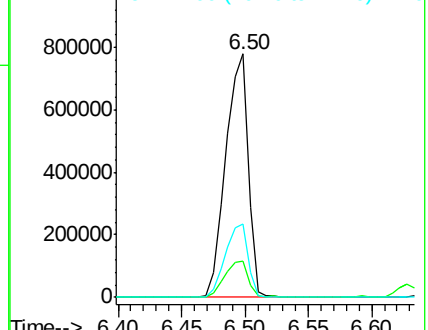
99 100

42 15.1 14.5 21.7

71 30.3 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: 41.53 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

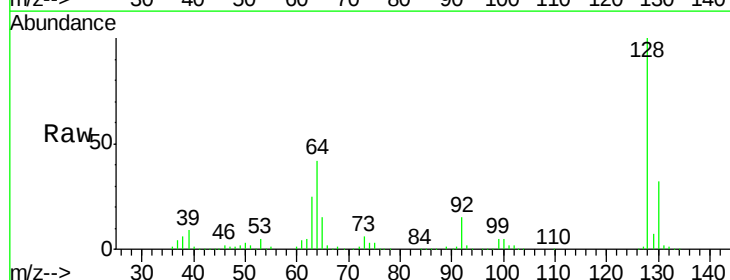
Tgt Ion: 128 Resp: 298267

Ion Ratio Lower Upper

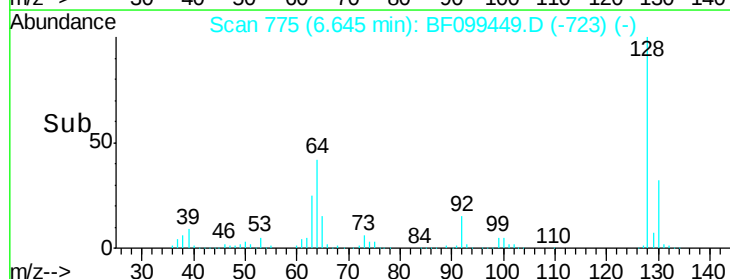
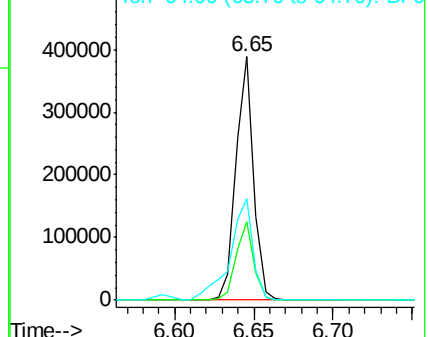
128 100

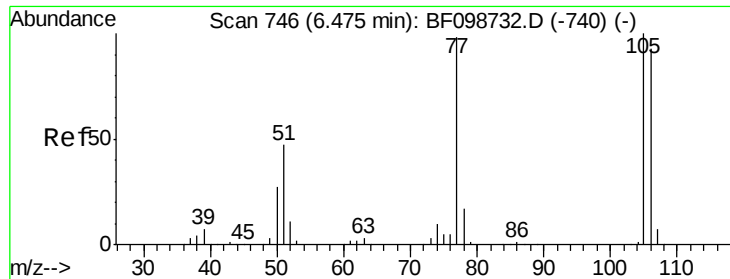
130 32.1 13.0 53.0

64 41.5 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: 22.55 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

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ClientSampleId :

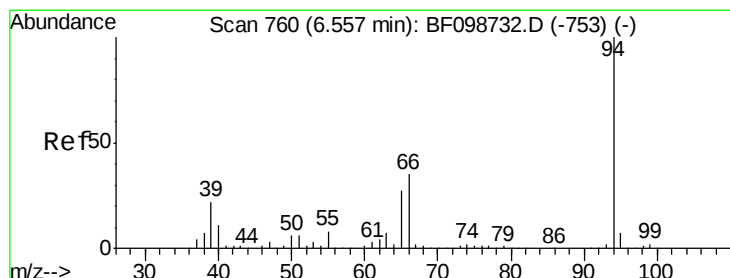
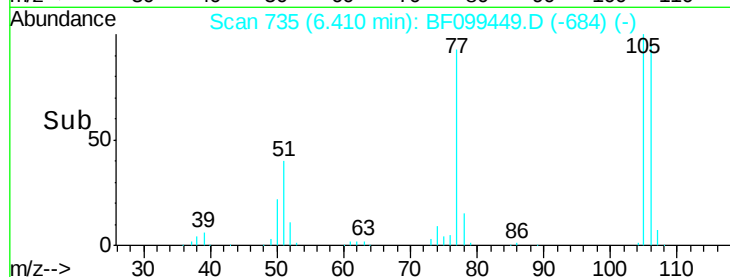
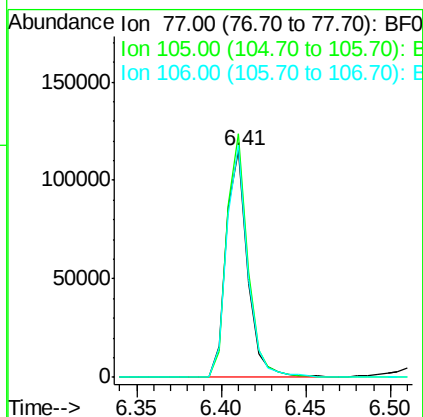
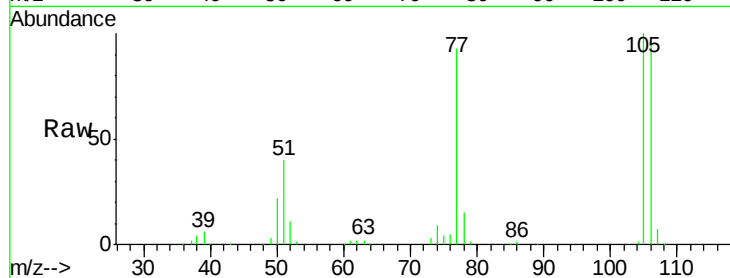
Tot Ion: 77 Resp: 102355

Ion Ratio Lower Upper

77 100

105 107.3 81.1 121.1

106 102.3 74.5 114.5



#10

Phenol

Concen: 41.25 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

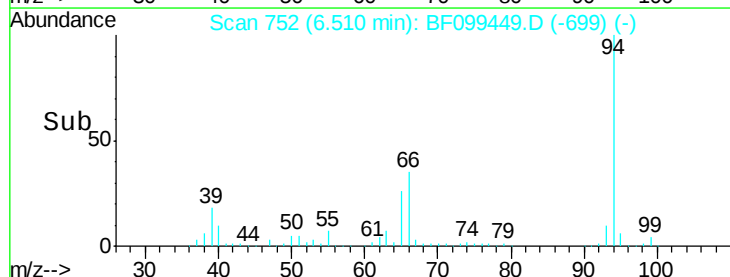
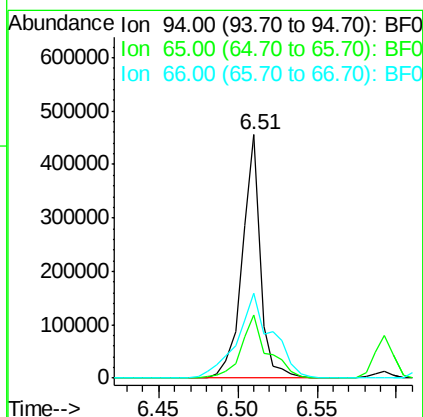
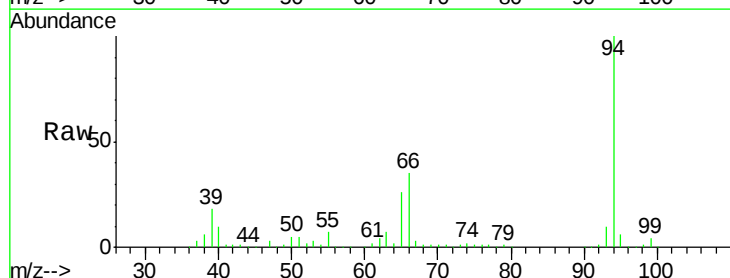
Tgt Ion: 94 Resp: 360935

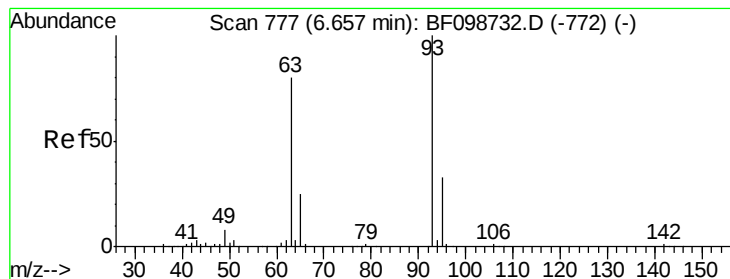
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 35.0 16.2 56.2

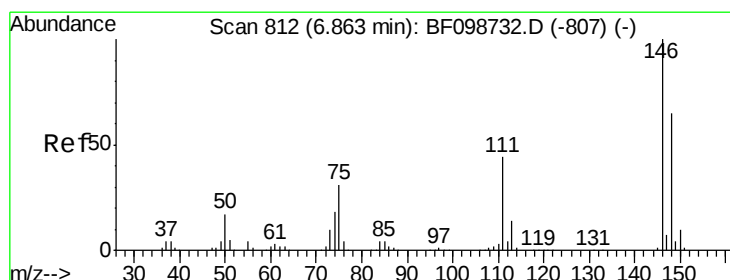
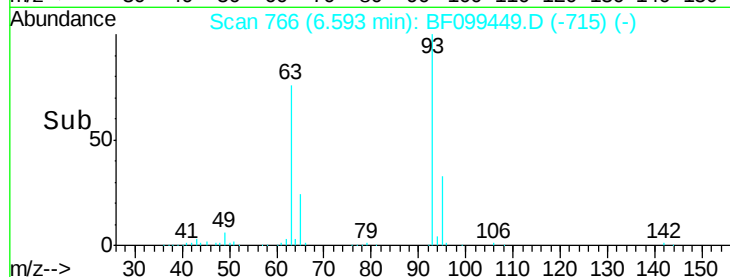
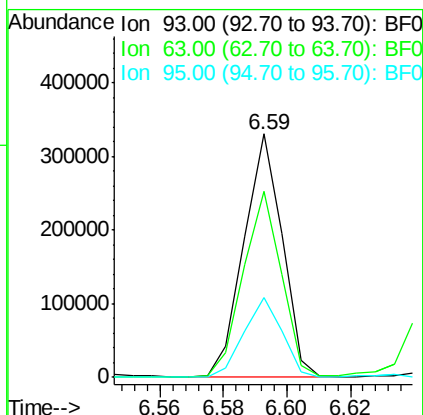
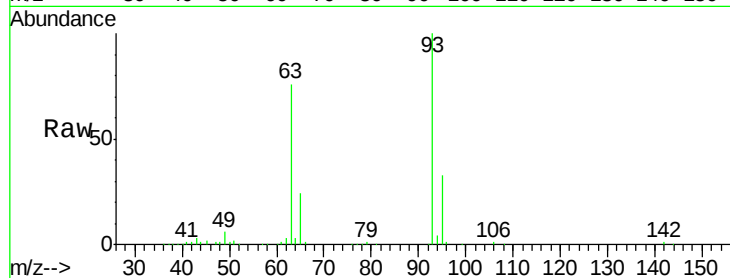




#11
bis(2-Chloroethyl)ether
Concen: 40.47 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

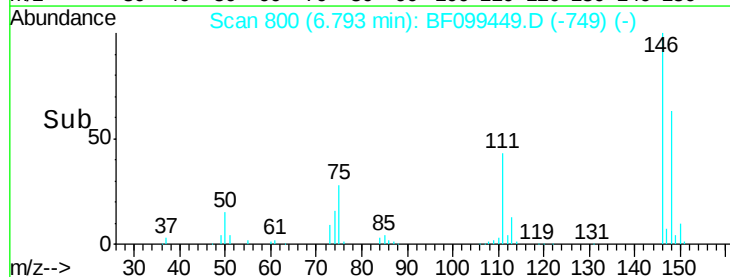
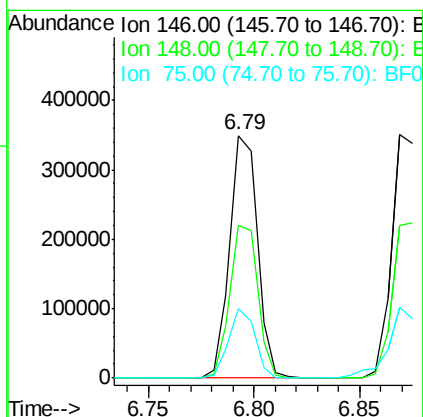
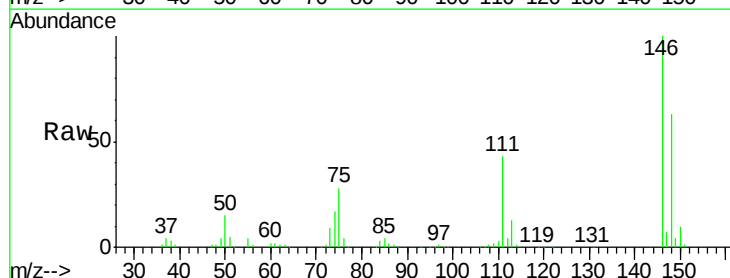
Instrument :
BNA_F
ClientSampleId :

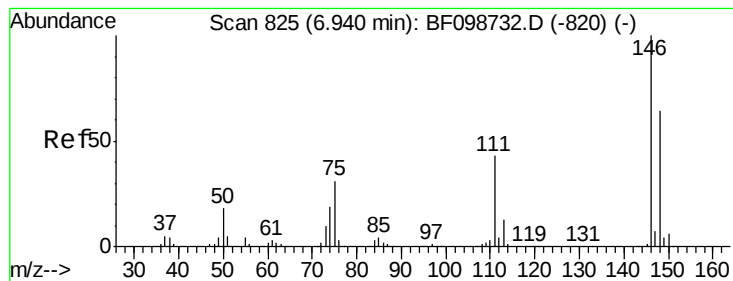
Tot Ion: 93 Resp: 275294
Ion Ratio Lower Upper
93 100
63 76.4 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.18 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion: 146 Resp: 317284
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.8
75 28.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.85 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampled :

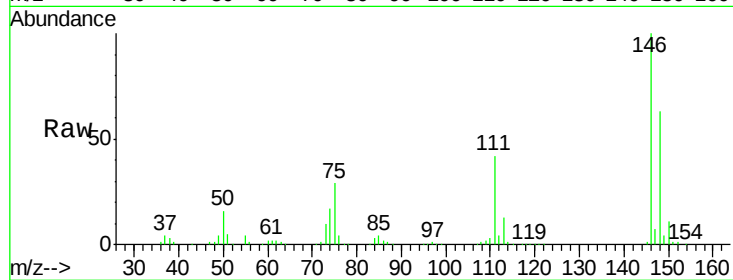
Tot Ion:146 Resp: 320316

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

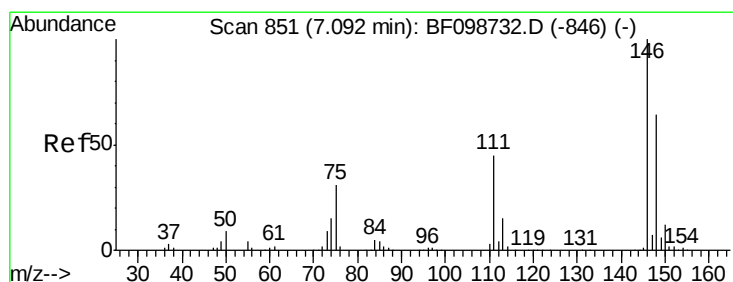
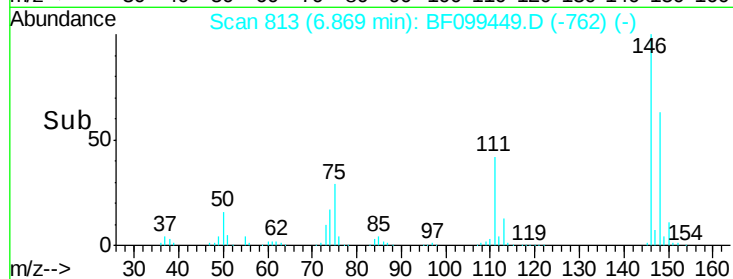
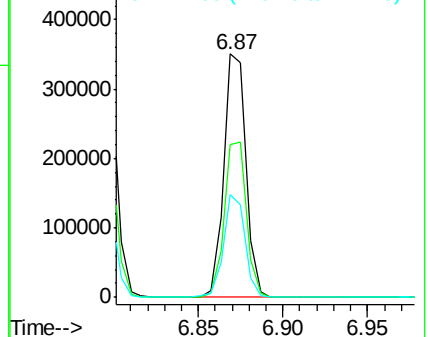
111 42.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.95 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

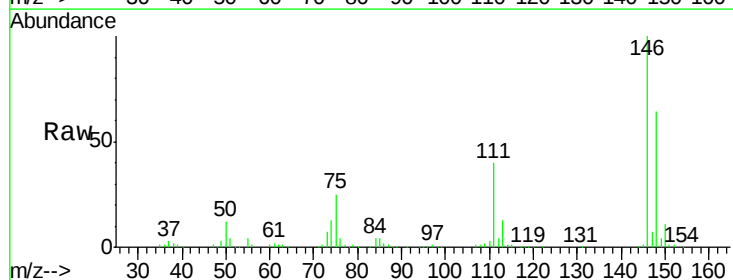
Tgt Ion:146 Resp: 296636

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

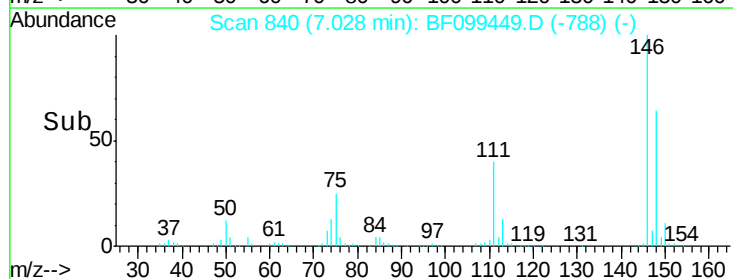
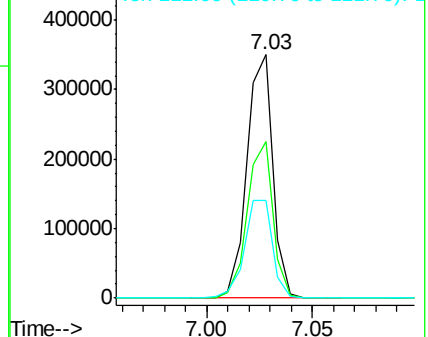
111 39.9 36.0 54.0

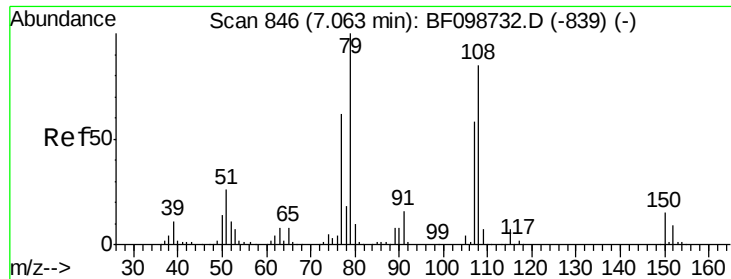


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.95 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampled :

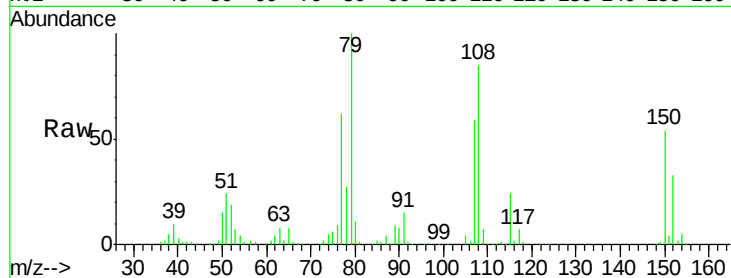
Tot Ion: 79 Resp: 223573

Ion Ratio Lower Upper

79 100

108 85.0 65.1 97.7

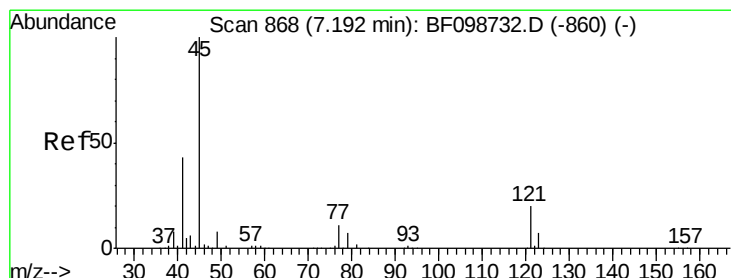
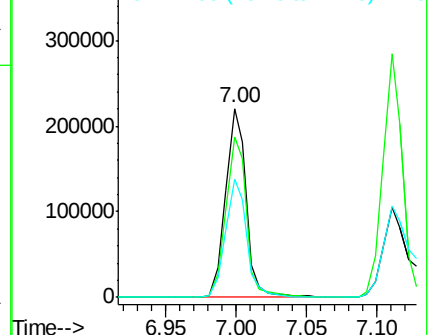
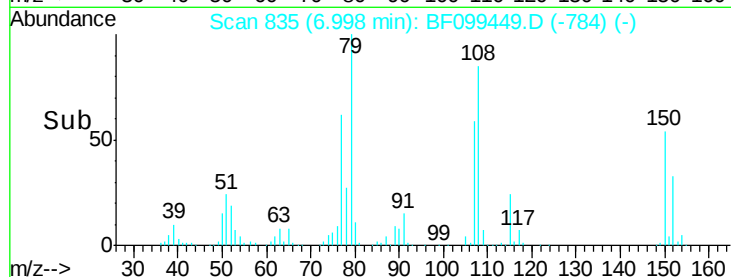
77 62.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.57 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

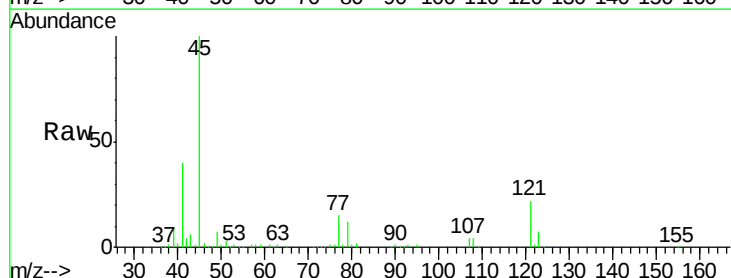
Tgt Ion: 45 Resp: 387631

Ion Ratio Lower Upper

45 100

77 15.3 0.0 32.9

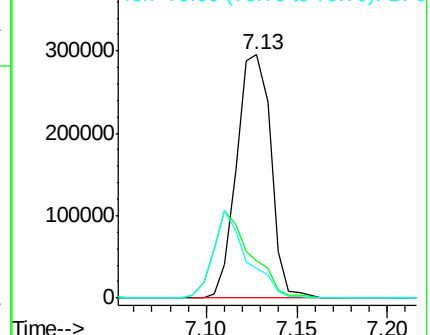
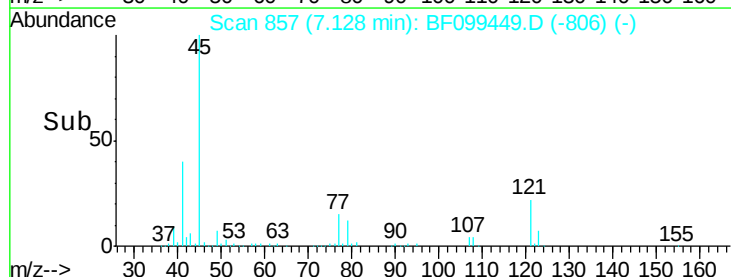
79 12.5 0.0 29.6

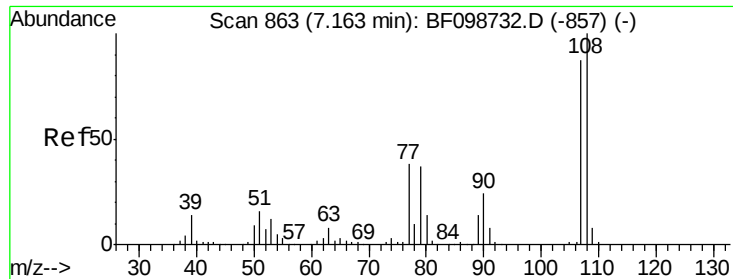


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

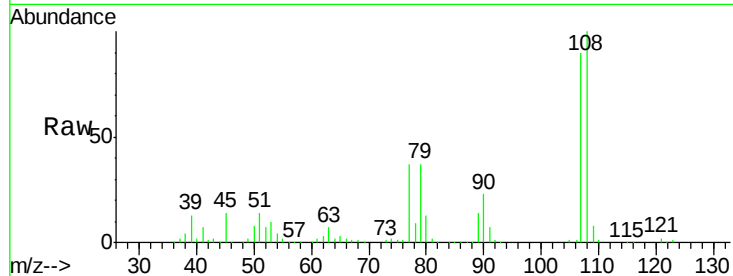




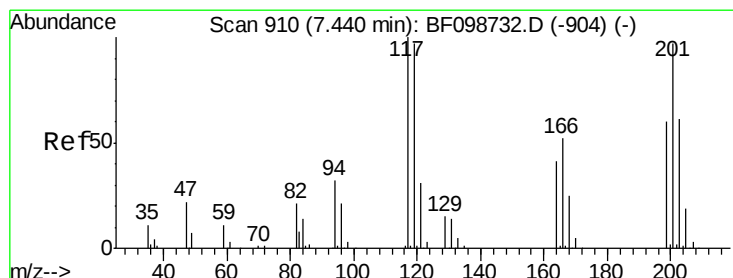
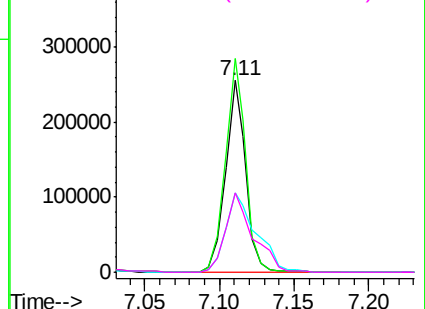
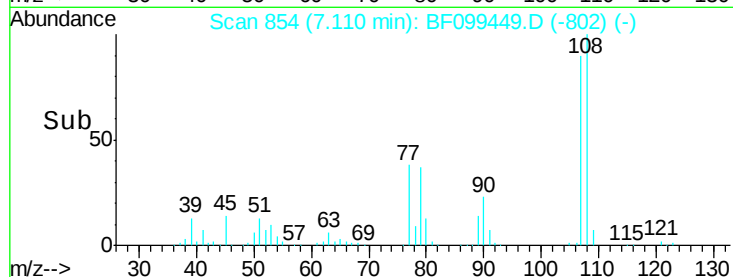
#17
2-Methylphenol
Concen: 41.55 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 244169
Ion Ratio Lower Upper
107 100
108 111.5 91.7 137.5
77 41.8 33.8 50.8
79 41.3 33.8 50.8

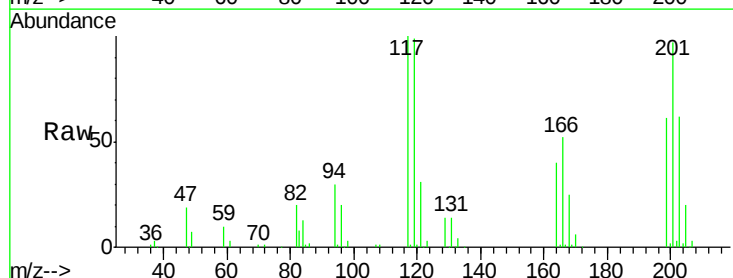


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

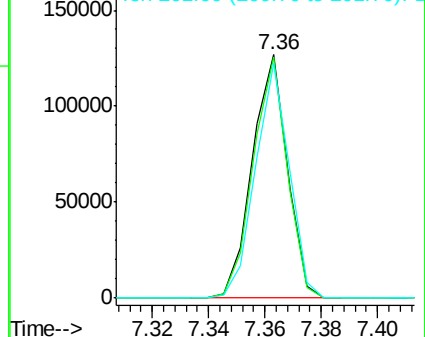
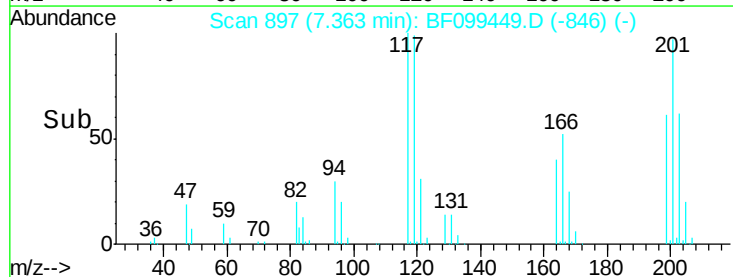


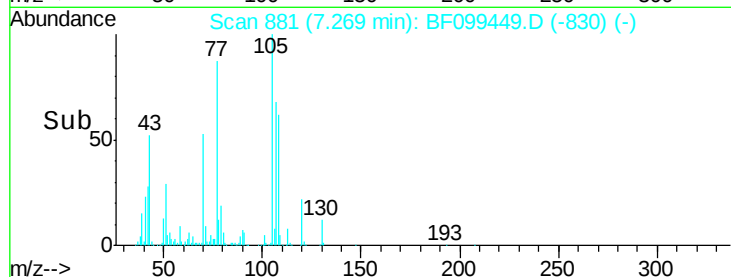
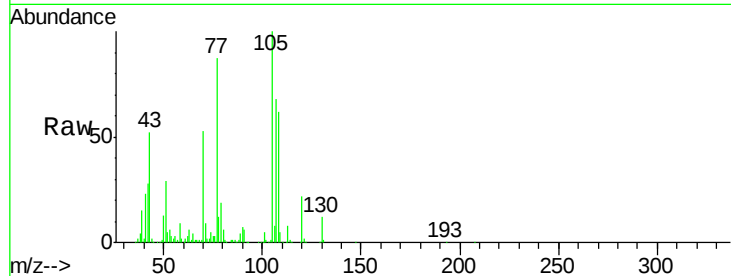
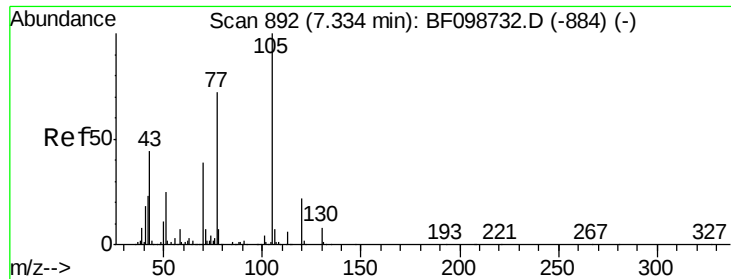
#18
Hexachloroethane
Concen: 39.65 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:117 Resp: 109065
Ion Ratio Lower Upper
117 100
119 98.9 75.8 113.8
201 96.5 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

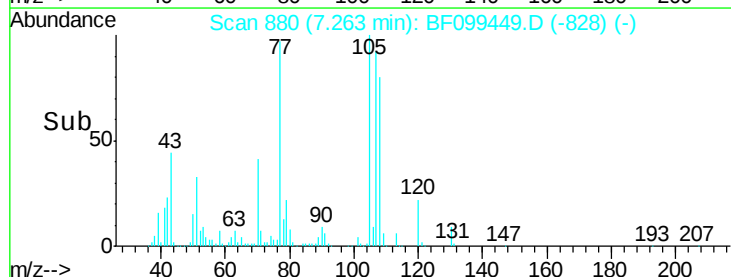
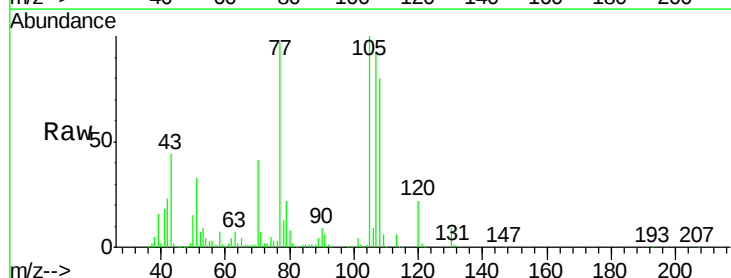
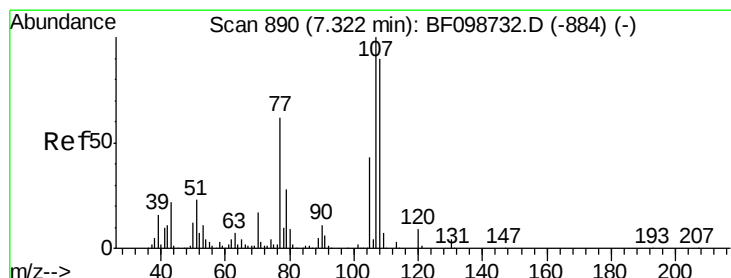
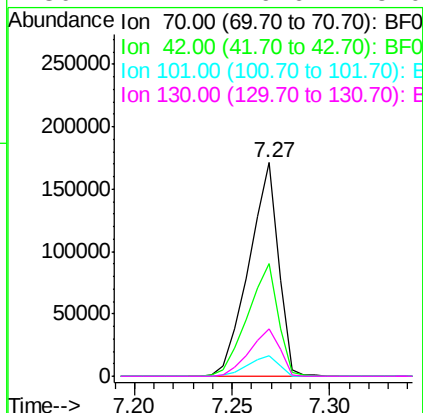




#19
n-Nitroso-di-n-propylamine
Concen: 35.96 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

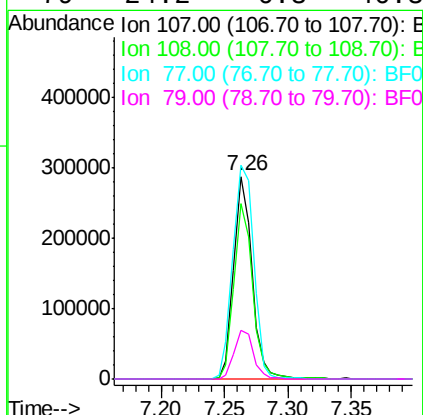
Instrument :
BNA_F
ClientSampled :

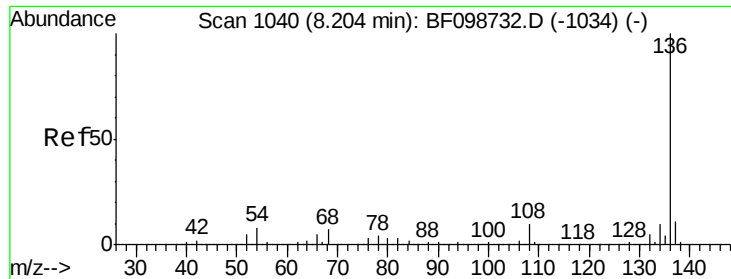
Tot Ion	70	Resp	179610
Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	9.7	7.4	11.2
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.87 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	107	Resp	288953
Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	105.6	26.7	66.7#
79	24.2	6.3	46.3

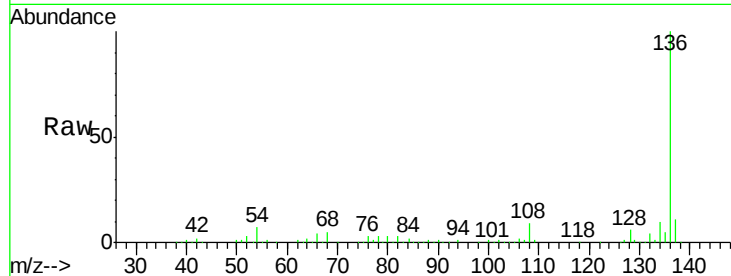




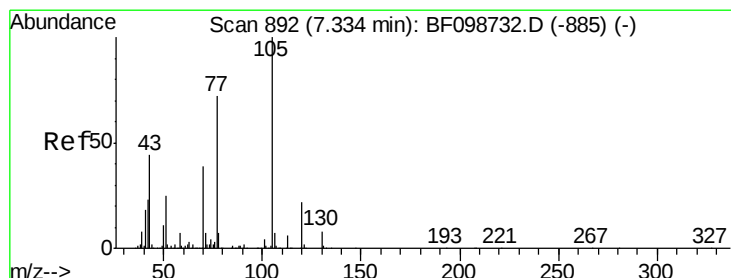
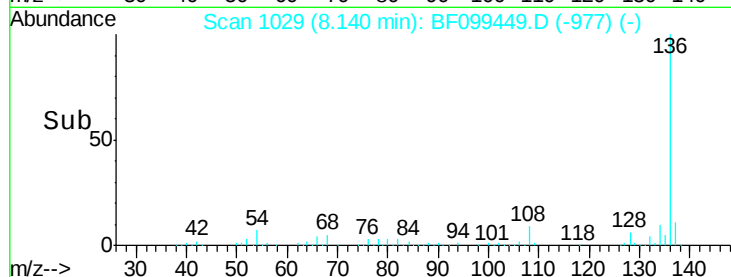
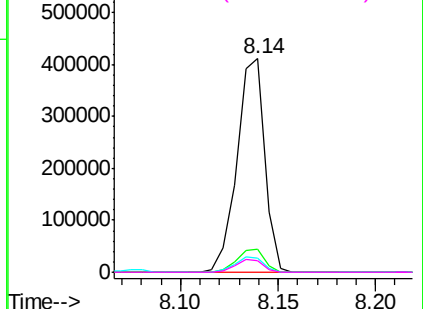
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	405660
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.5	6.6 9.8#
68	5.5	5.0 7.4

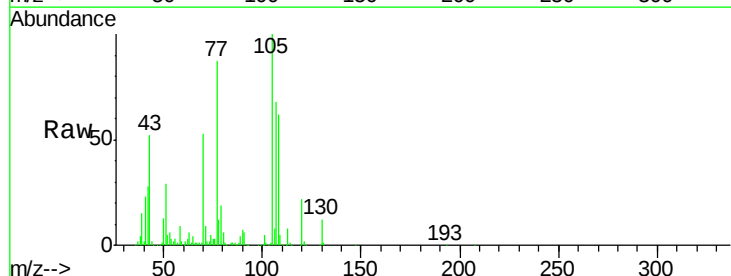


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

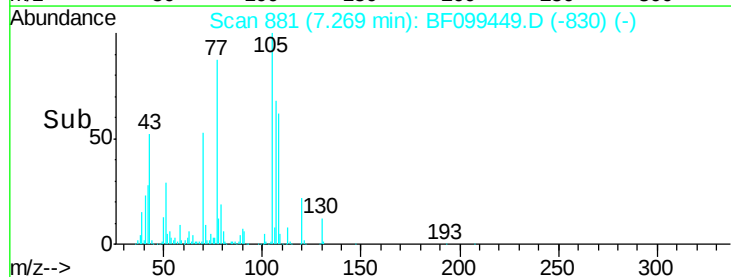
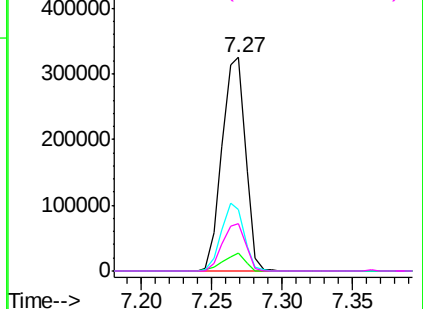


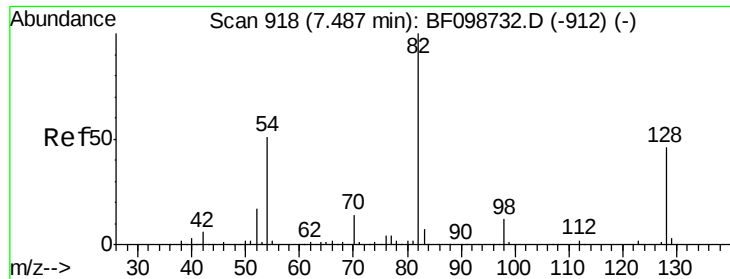
#22
Acetophenone
Concen: 38.30 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:105	Resp:	376468
Ion Ratio	Lower	Upper
105	100	
71	8.7	4.4 6.6#
51	28.7	22.3 33.5
120	22.3	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

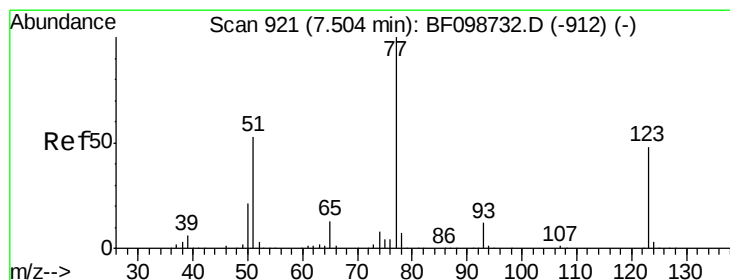
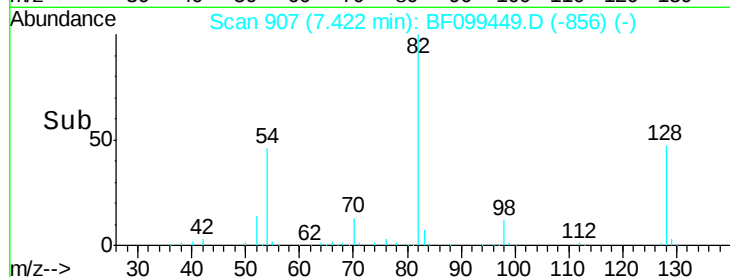
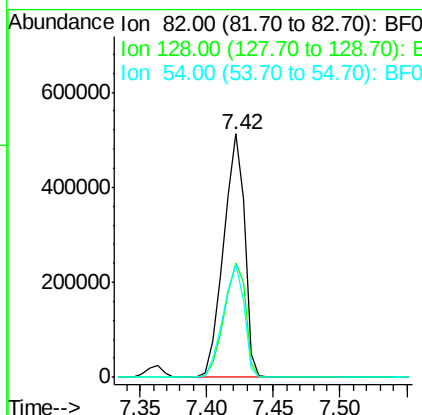
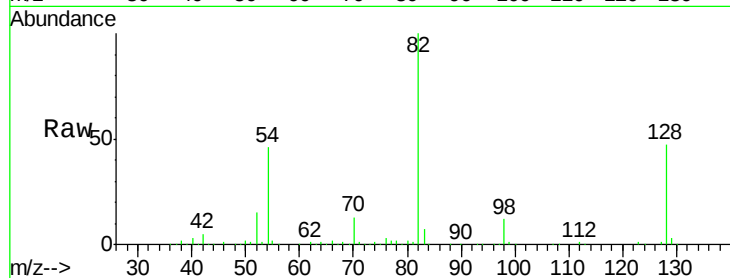




#23
 Nitrobenzene-d5
 Concen: 90.75 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

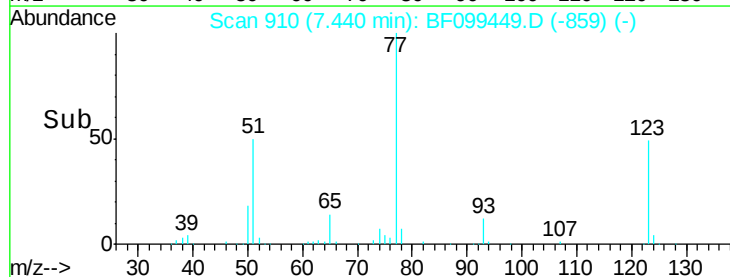
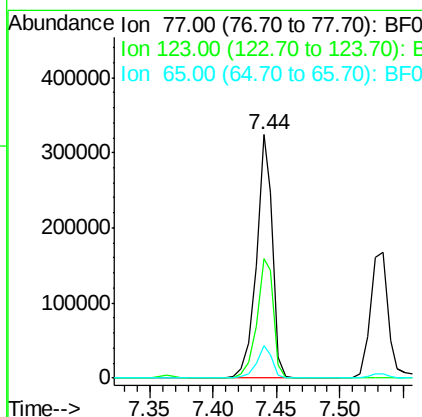
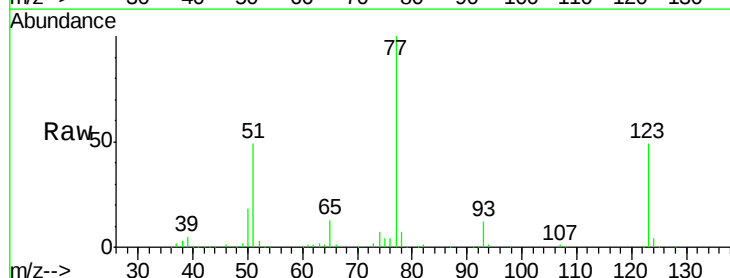
Instrument :
 BNA_F
 ClientSampleId :

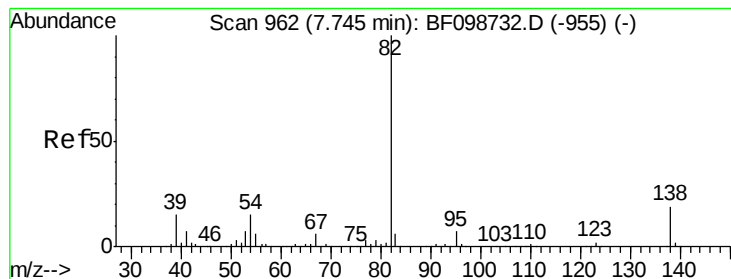
Tot Ion	82	Resp	574037
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	46.4	41.4	62.2



#24
 Nitrobenzene
 Concen: 40.20 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	77	Resp	288467
Ion Ratio	Lower	Upper	
77	100		
123	49.3	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 40.54 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

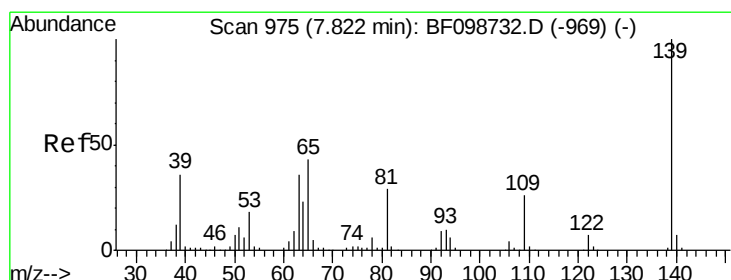
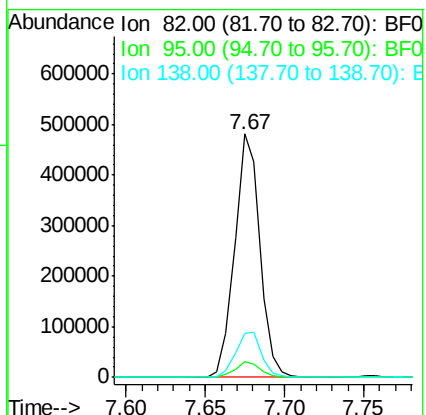
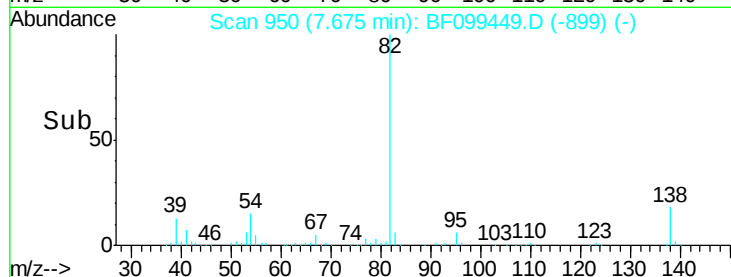
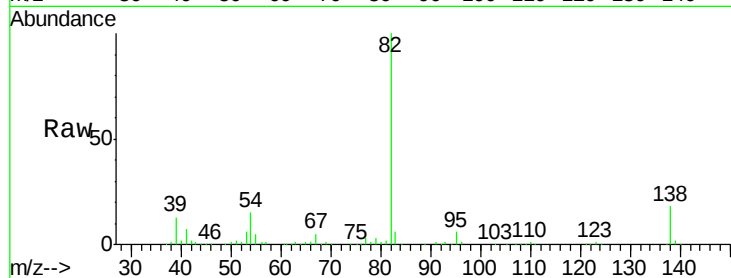
Tot Ion: 82 Resp: 530190

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 47.45 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

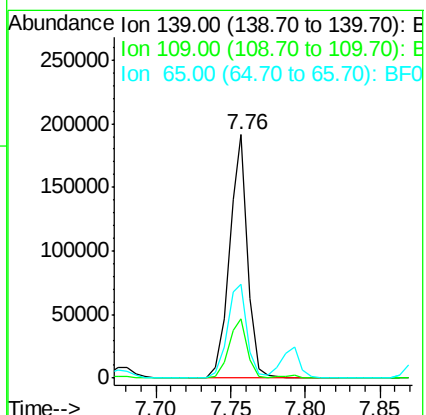
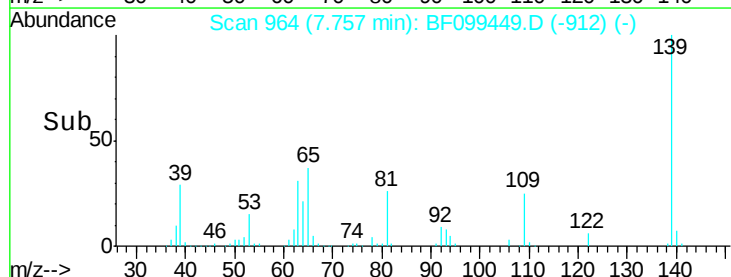
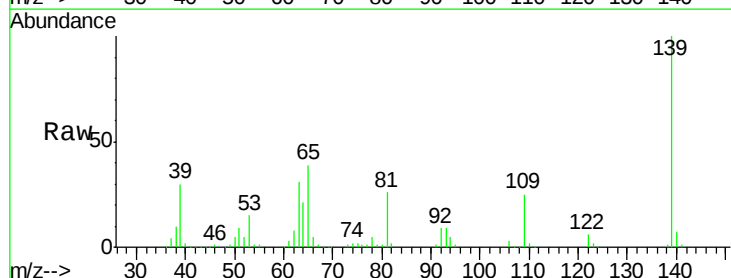
Tgt Ion: 139 Resp: 163729

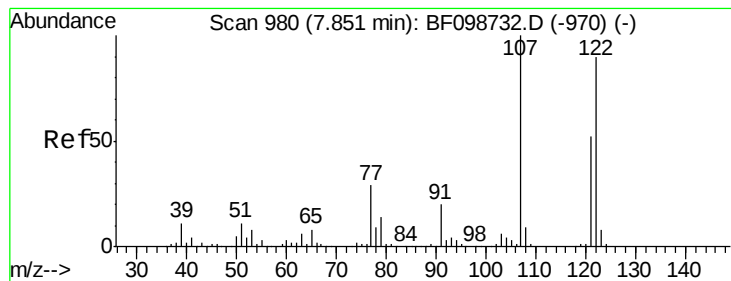
Ion Ratio Lower Upper

139 100

109 24.6 22.7 34.1

65 38.8 40.5 60.7#

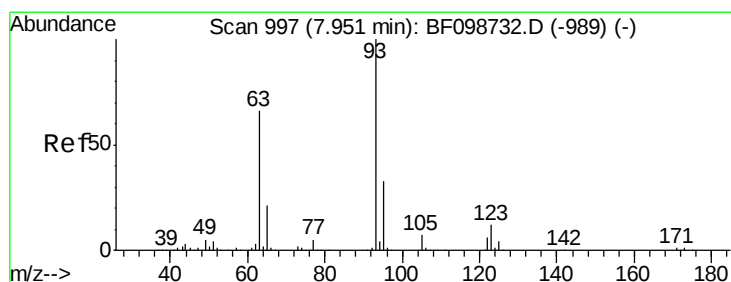
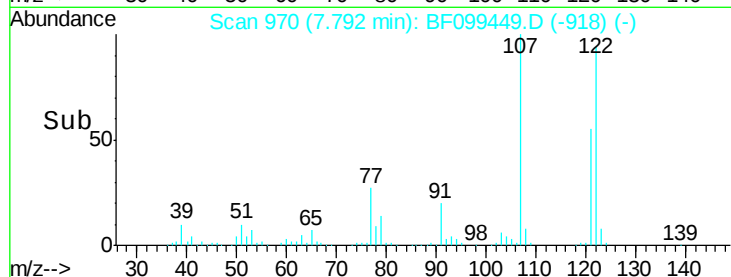
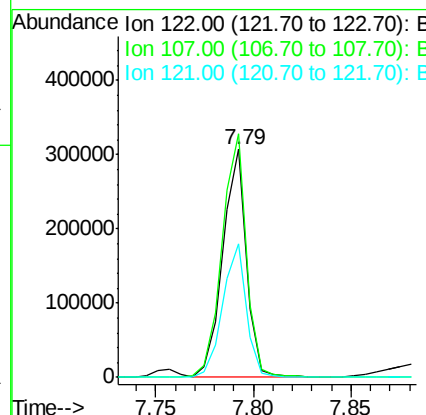
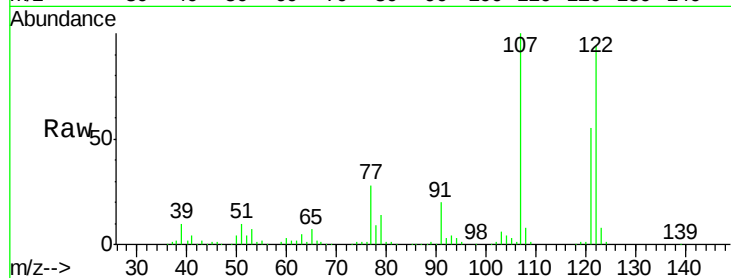




#27
 2,4-Dimethylphenol
 Concen: 39.66 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

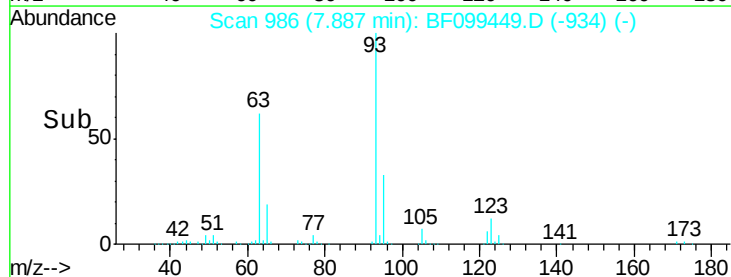
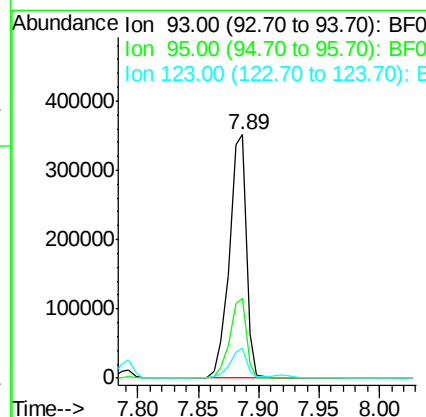
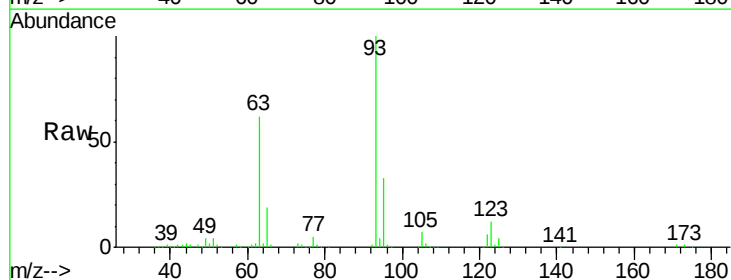
Instrument :
 BNA_F
 ClientSampled :

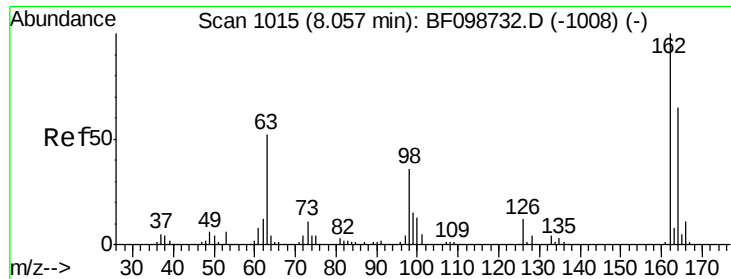
Tot Ion:122 Resp: 258433
 Ion Ratio Lower Upper
 122 100
 107 106.8 91.2 136.8
 121 58.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.29 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion: 93 Resp: 344646
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 12.3 9.8 14.6

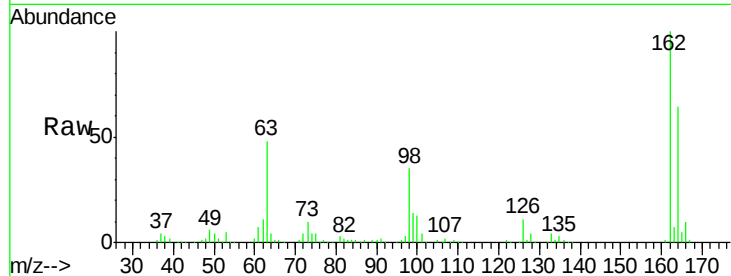




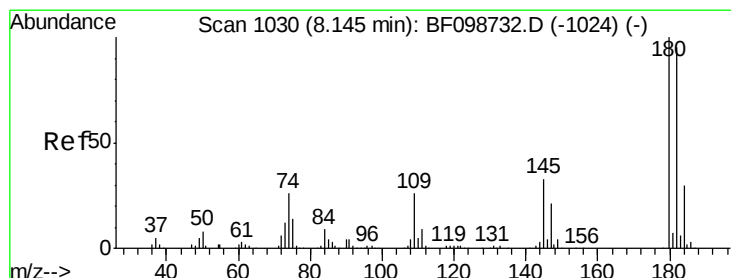
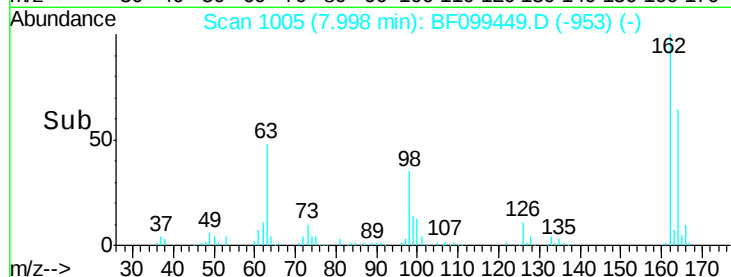
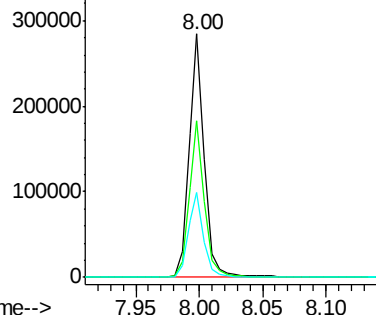
#29
 2,4-Dichlorophenol
 Concen: 43.02 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	34.9	18.1	58.1

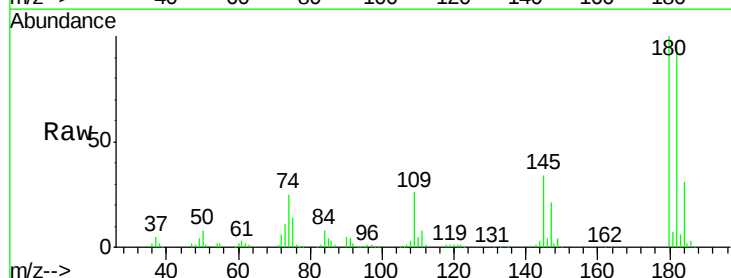


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

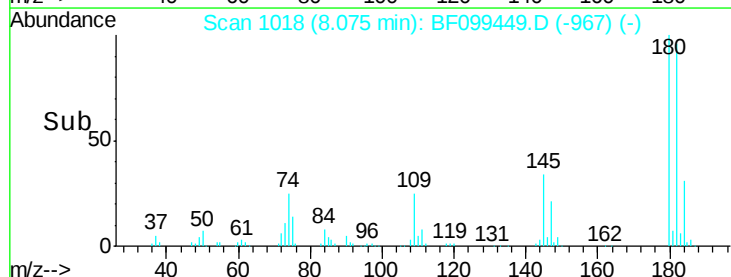
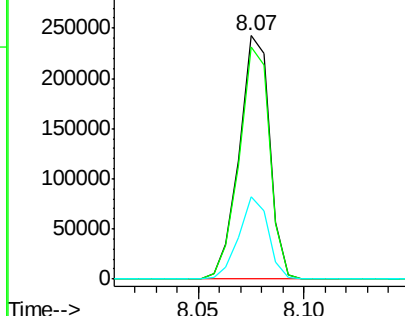


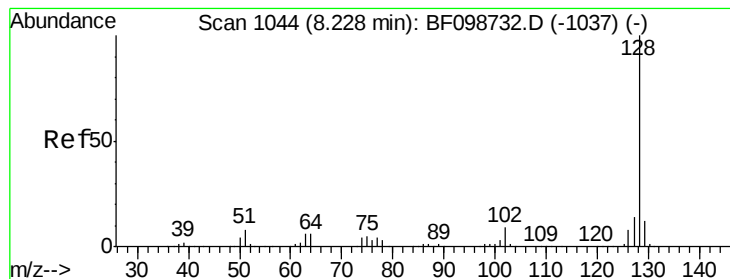
#30
 1,2,4-Trichlorobenzene
 Concen: 43.31 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	33.6	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: 42.65 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampled :

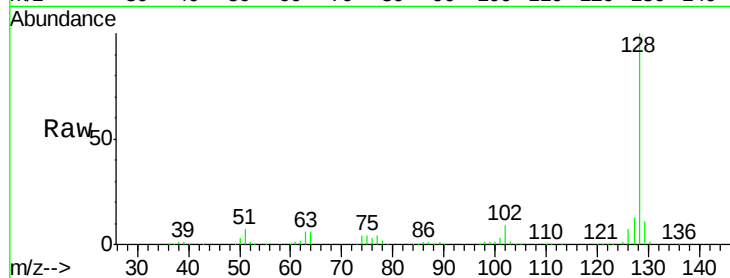
Tot Ion:128 Resp: 812556

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

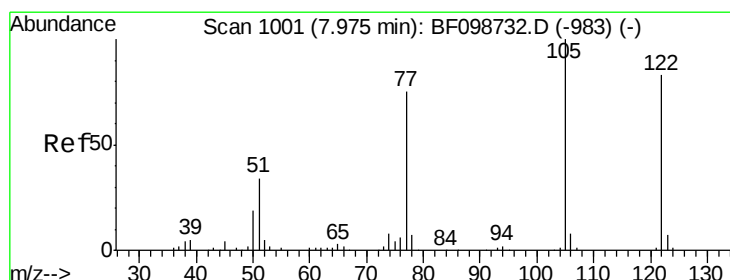
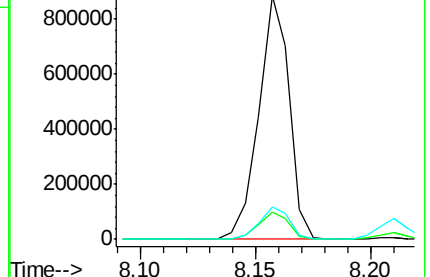
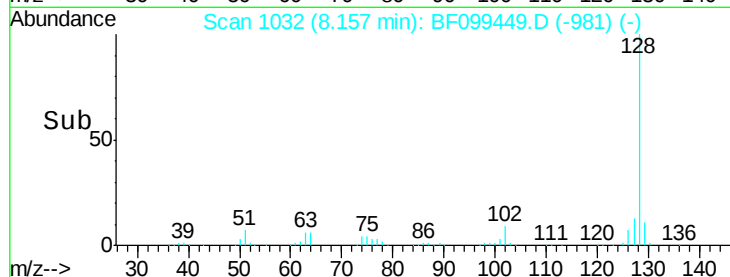
127 13.3 10.9 16.3



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: 25.74 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

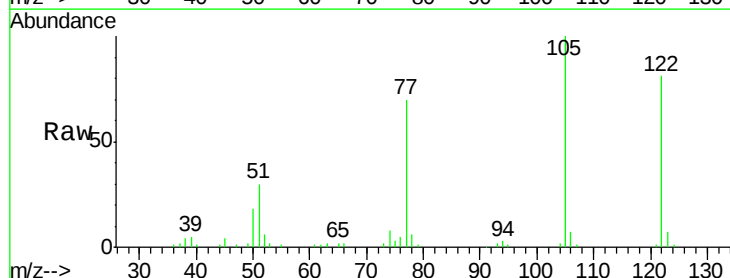
Tgt Ion:122 Resp: 137769

Ion Ratio Lower Upper

122 100

105 124.0 101.1 141.1

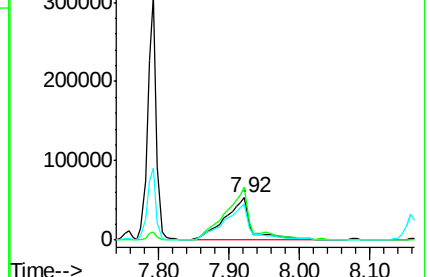
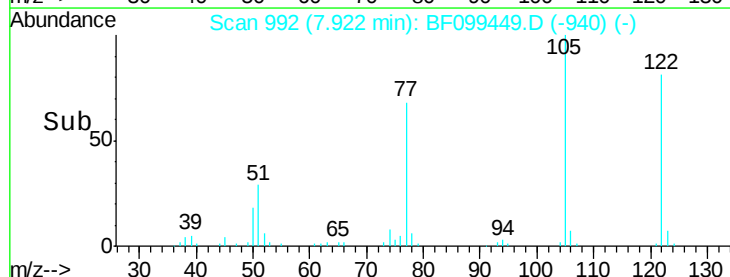
77 86.5 70.7 110.7



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

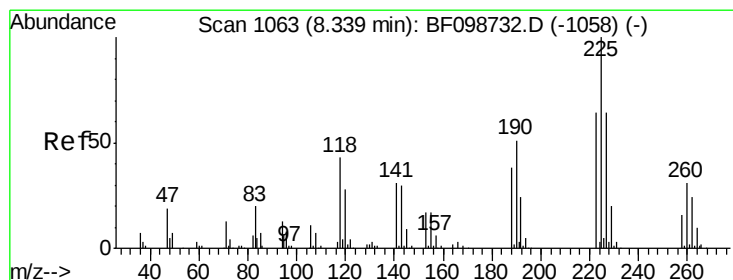
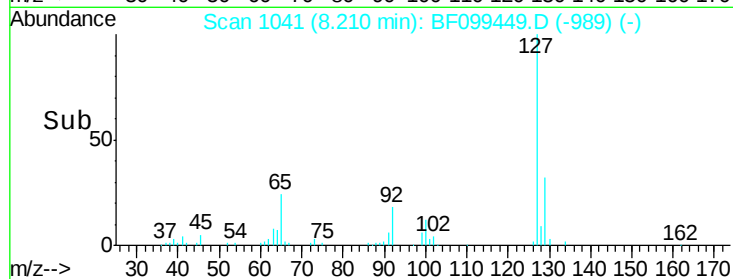
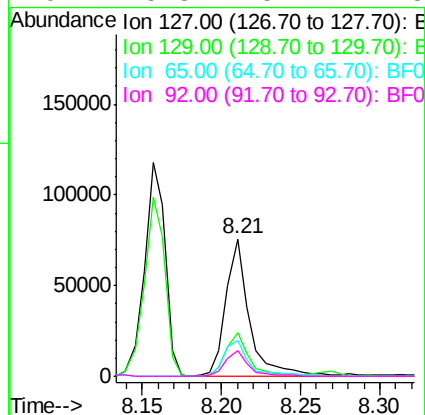
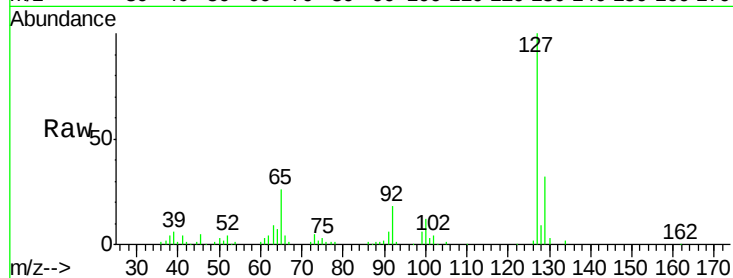




#33
4-Chloroaniline
Concen: 9.88 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

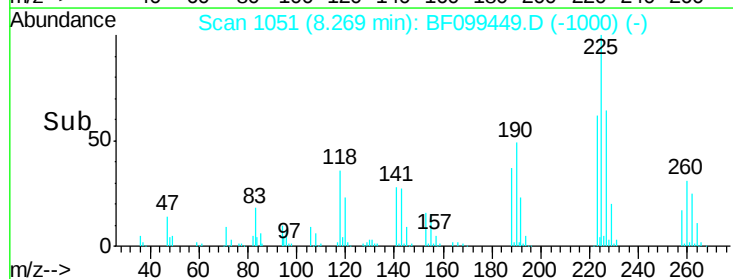
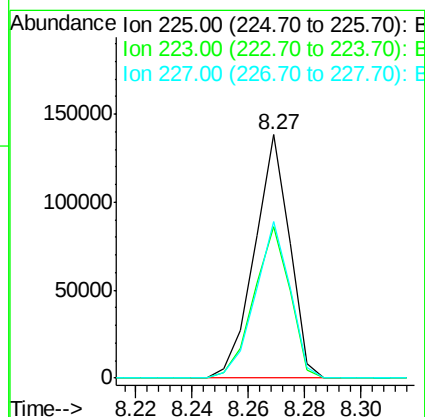
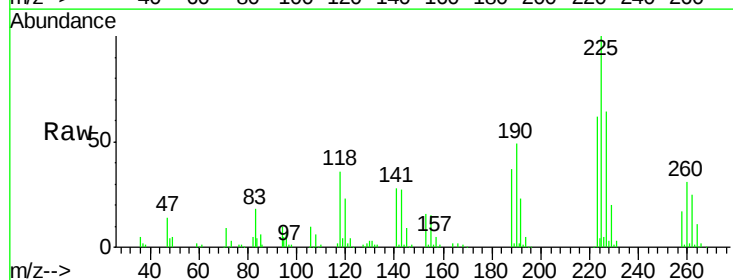
Instrument :
BNA_F
ClientSampleId :

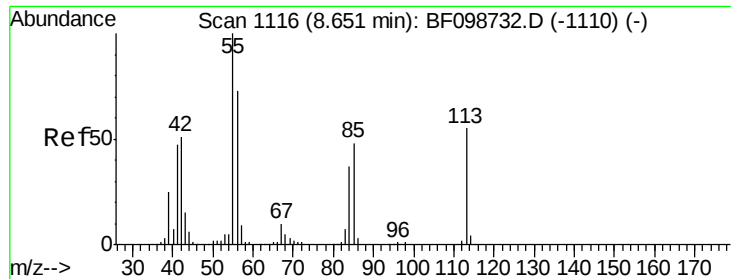
Tot Ion:	127	Resp:	78586
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	25.7	25.0	37.4
92	18.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.15 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:	225	Resp:	118614
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	64.2	51.9	77.9

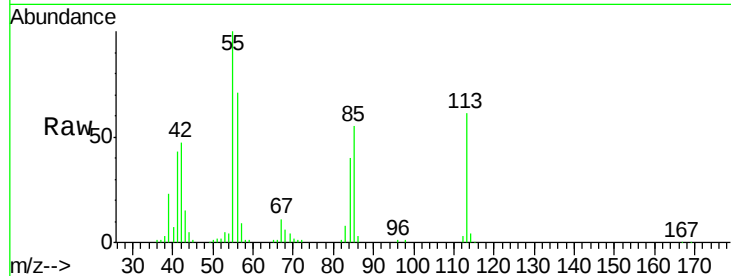




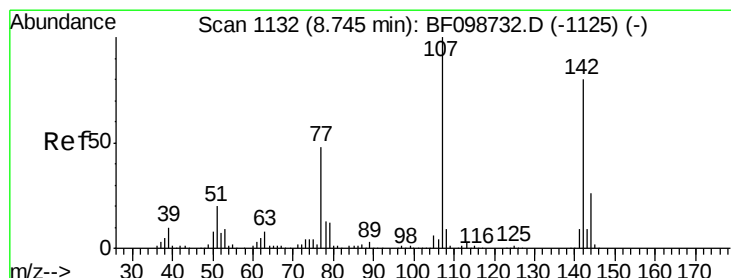
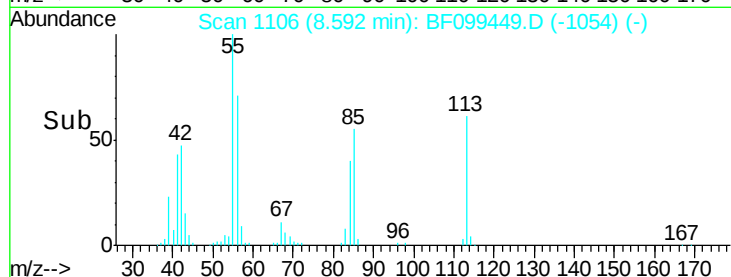
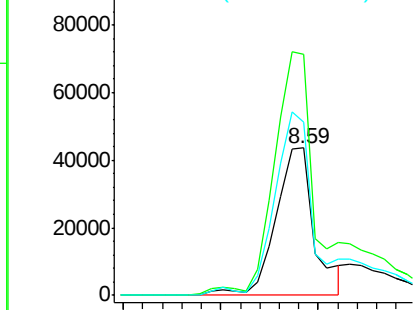
#35
Caprolactam
Concen: 33.19 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 59565
Ion Ratio Lower Upper
113 100
55 164.2 163.3 203.3
56 117.4 115.7 155.7

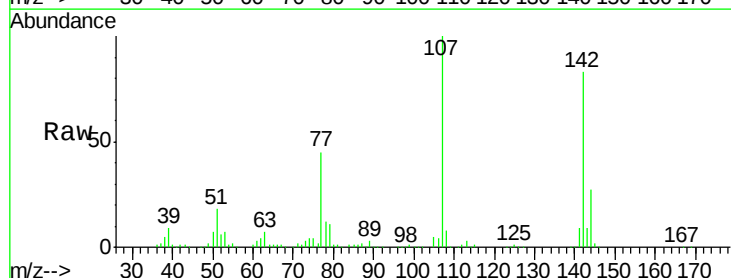


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

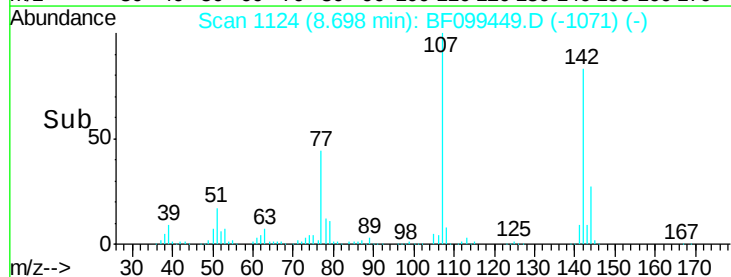
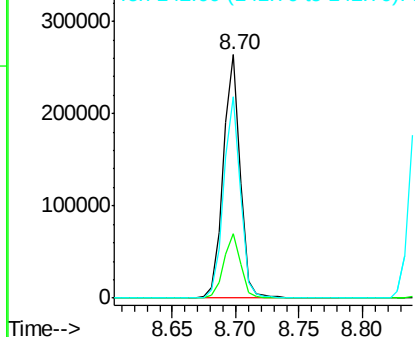


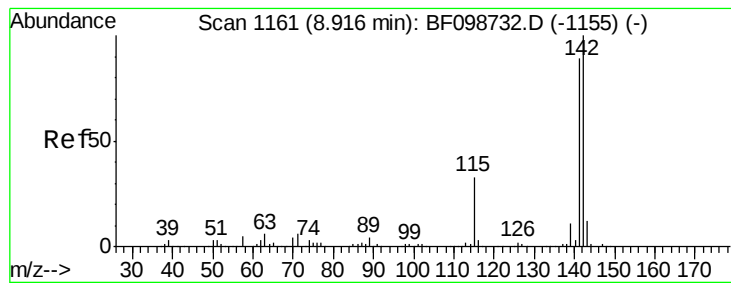
#36
4-Chloro-3-methylphenol
Concen: 39.10 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:107 Resp: 245902
Ion Ratio Lower Upper
107 100
144 26.5 20.5 30.7
142 82.6 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

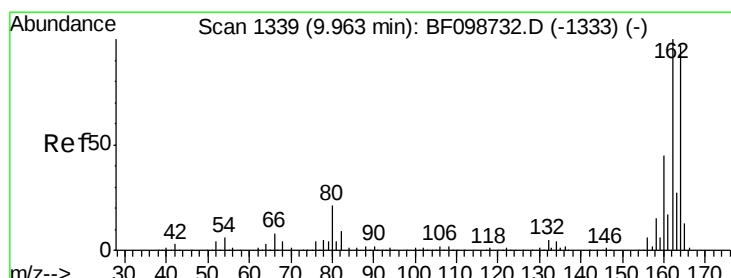
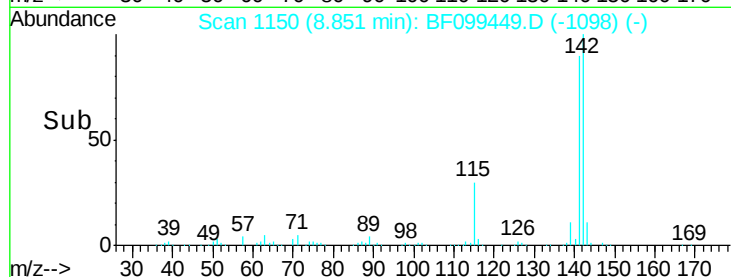
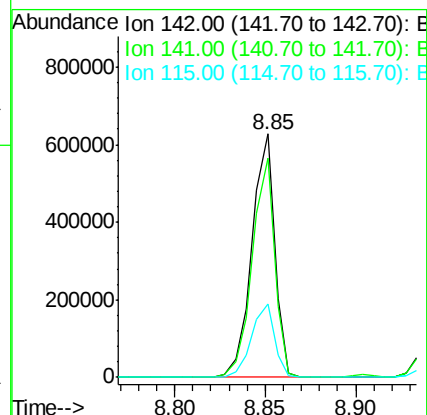
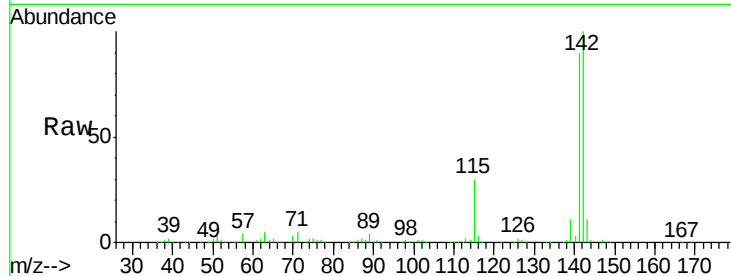




#37
2-Methylnaphthalene
Concen: 44.53 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

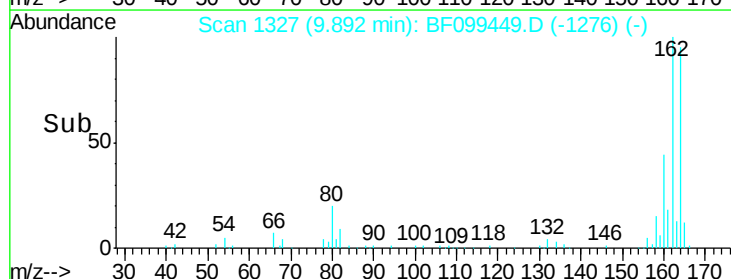
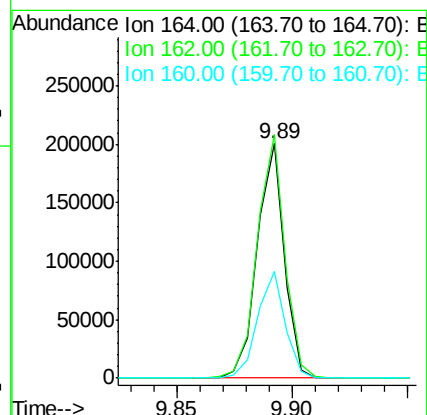
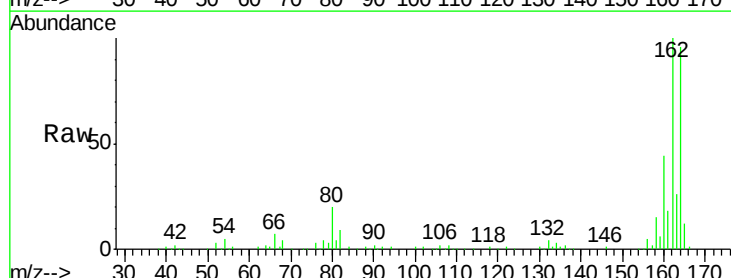
Instrument :
BNA_F
ClientSampleId :

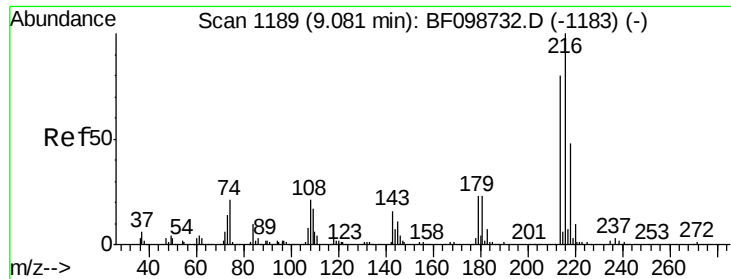
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	30.0	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.5	38.3	57.5

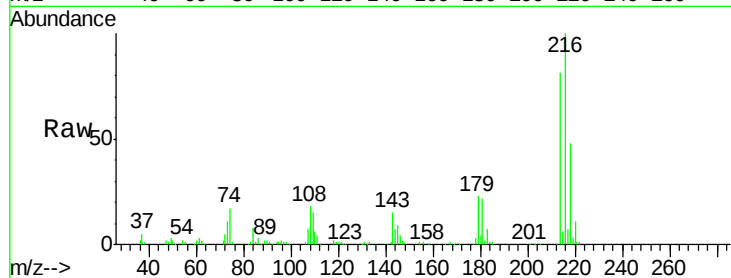




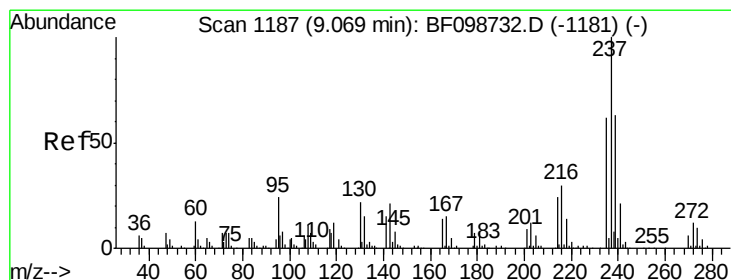
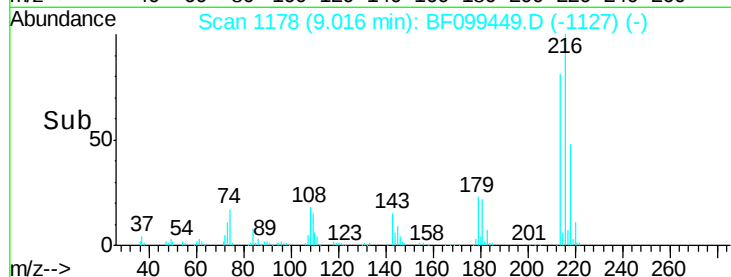
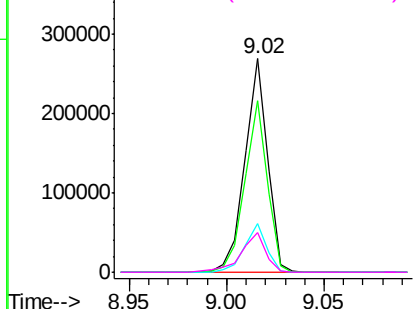
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.25 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	216167
Ion Ratio	Lower	Upper
216	100	
214	79.9	63.0 94.4
179	22.2	18.1 27.1
108	20.2	17.2 25.8

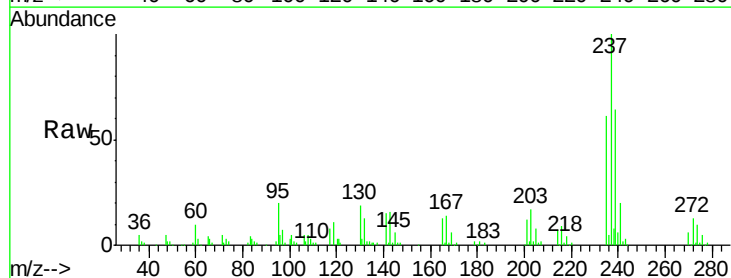


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

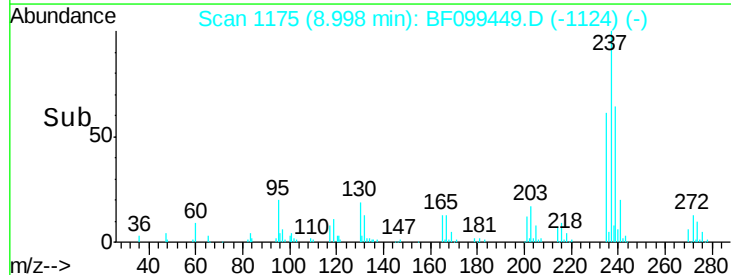
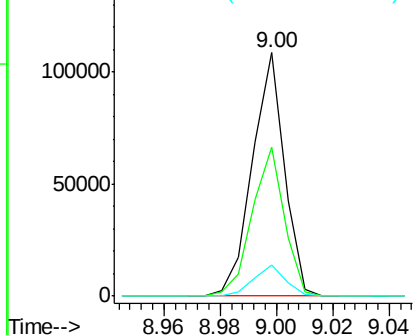


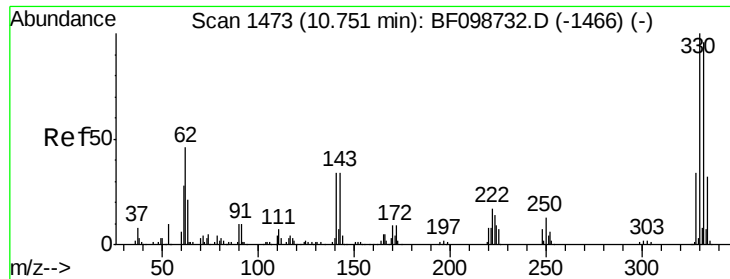
#40
 Hexachlorocyclopentadiene
 Concen: 38.28 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion:237	Resp:	85462
Ion Ratio	Lower	Upper
237	100	
235	61.4	44.8 84.8
272	12.8	0.0 33.3



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

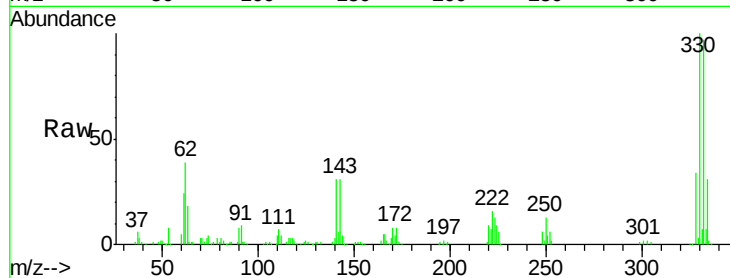




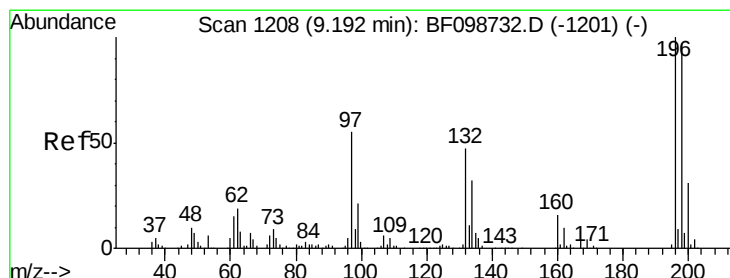
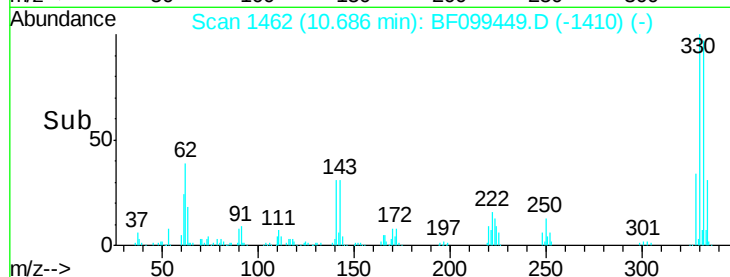
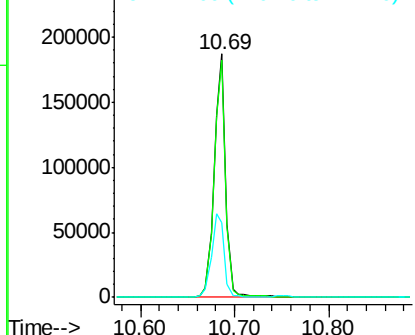
#41
 2,4,6-Tribromophenol
 Concen: 121.55 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 162925
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 38.0 29.9 44.9

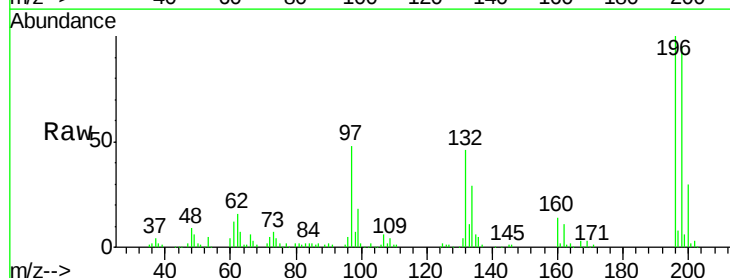


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

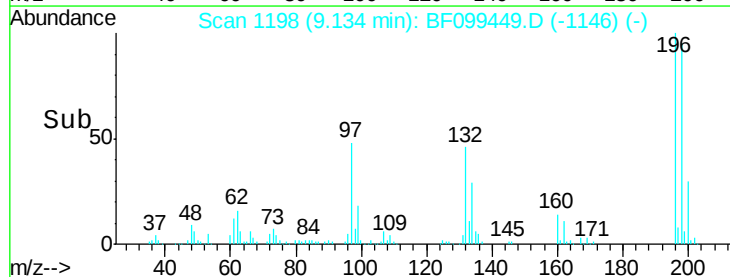
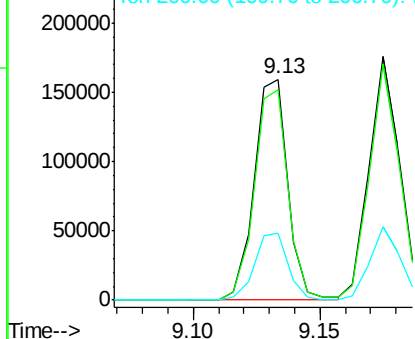


#42
 2,4,6-Trichlorophenol
 Concen: 42.79 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion:196 Resp: 148085
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 30.4 24.5 36.7



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

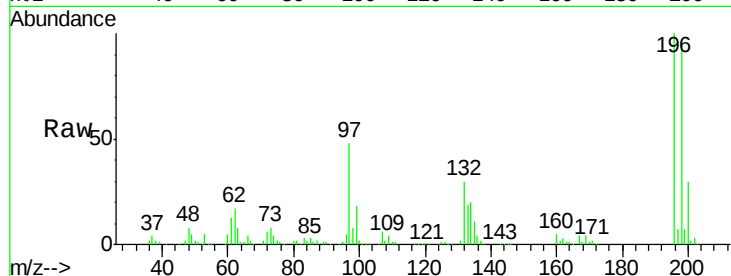




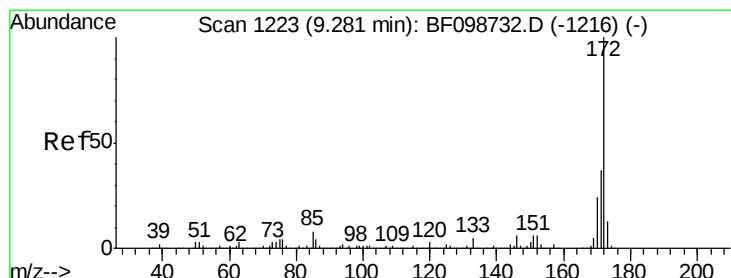
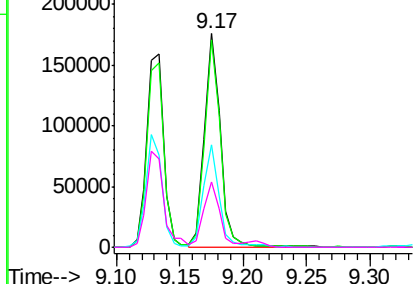
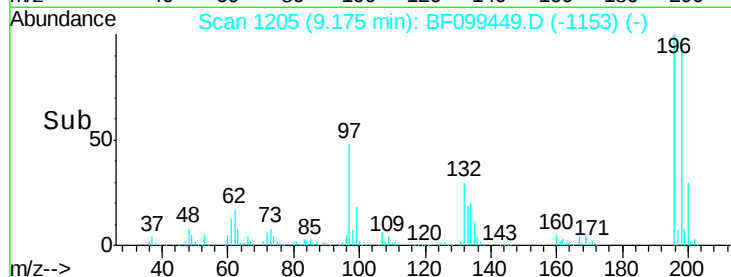
#43
2,4,5-Trichlorophenol
Concen: 44.73 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 154525
Ion Ratio Lower Upper
196 100
198 96.9 74.6 112.0
97 48.2 42.9 64.3
132 30.5 26.3 39.5

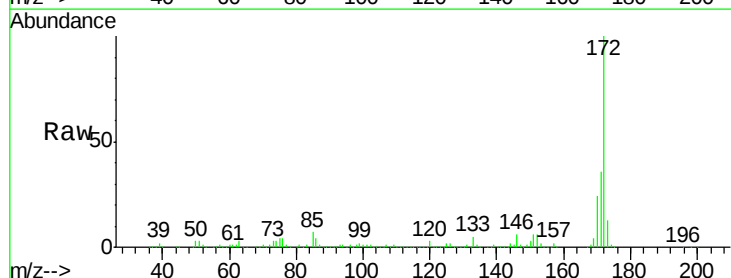


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

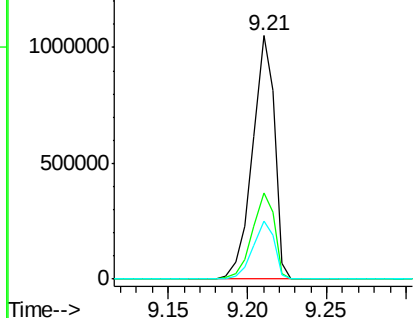
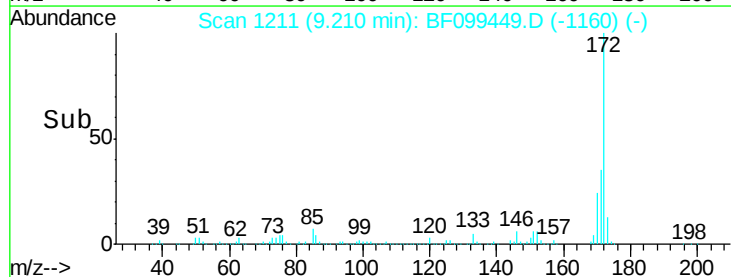


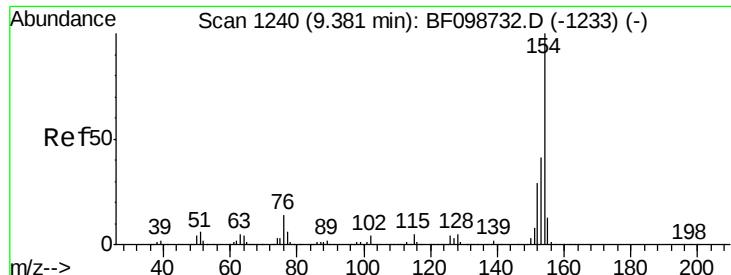
#44
2-Fluorobiphenyl
Concen: 103.39 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:172 Resp: 1014436
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.8 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: 44.43 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

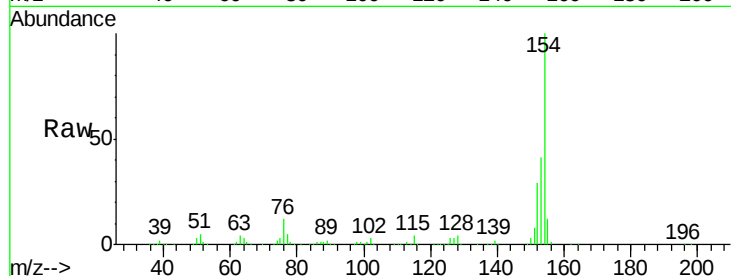
Tot Ion:154 Resp: 625554

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

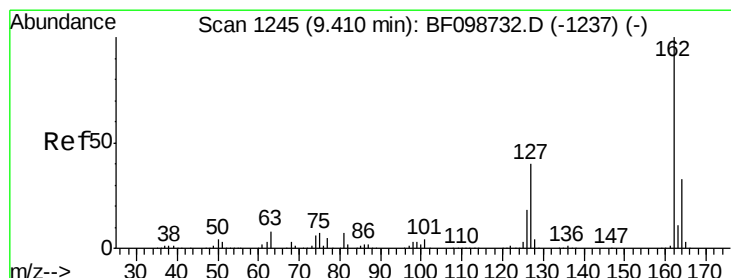
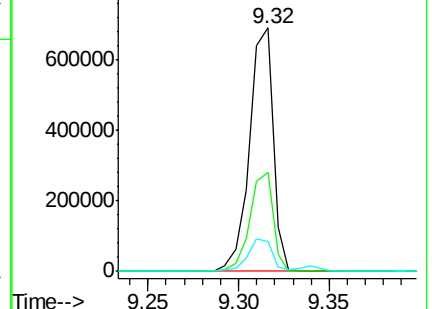
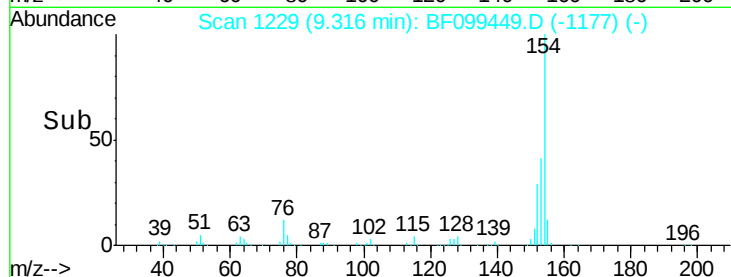
76 12.2 0.0 34.0



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: 46.04 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

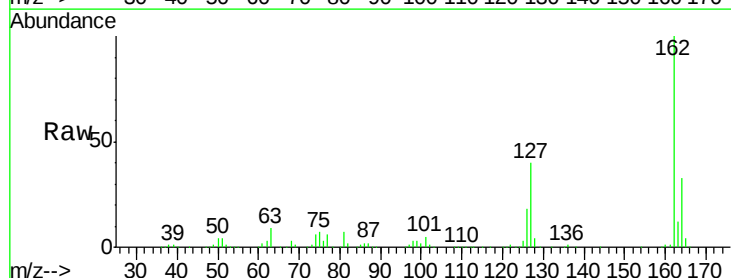
Tgt Ion:162 Resp: 486700

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

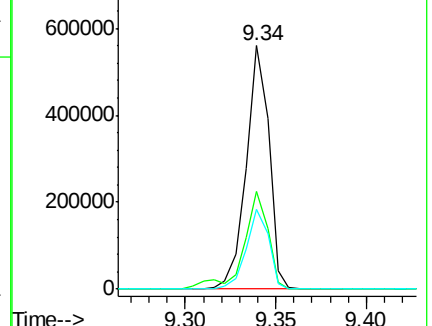
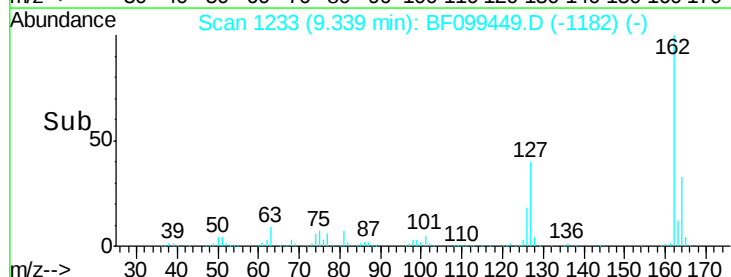
164 32.7 26.5 39.7

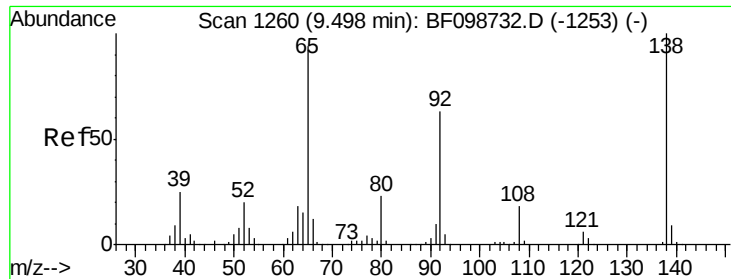


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

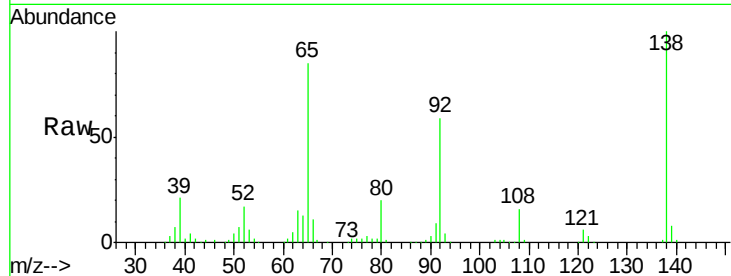




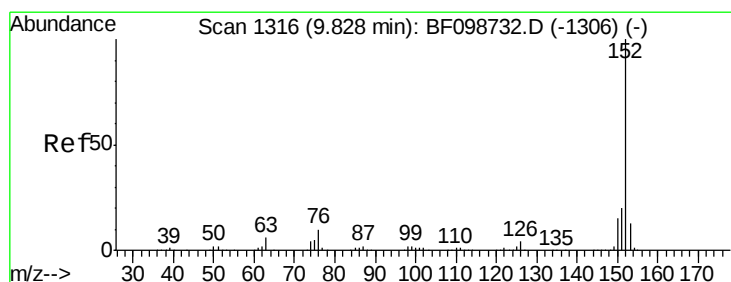
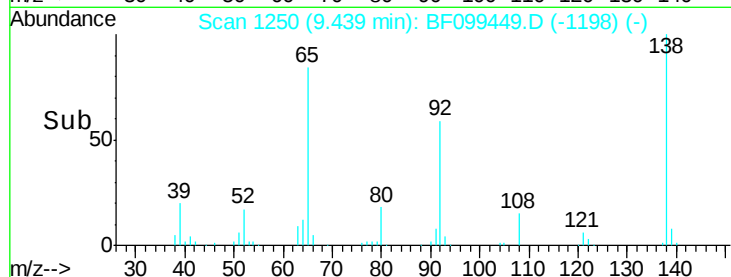
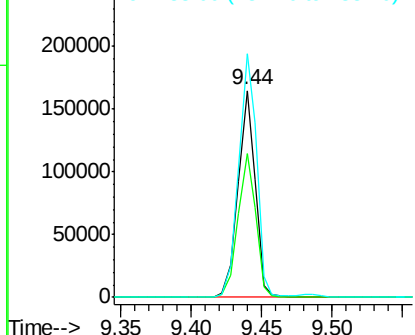
#47
2-Nitroaniline
Concen: 43.38 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.6	55.8	83.6
138	117.9	91.2	136.8

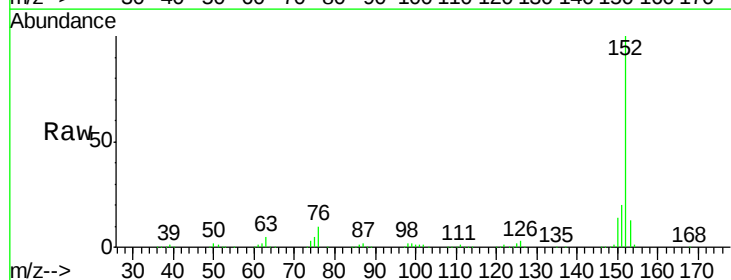


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

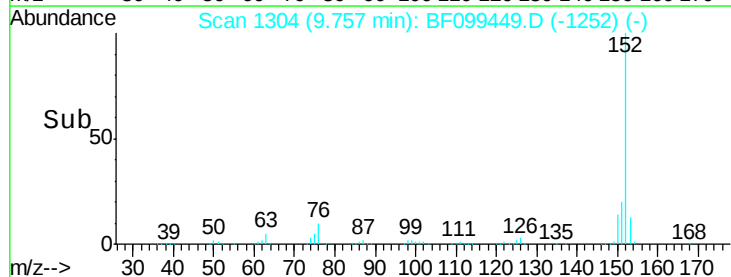
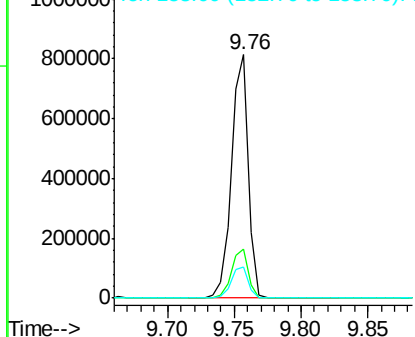


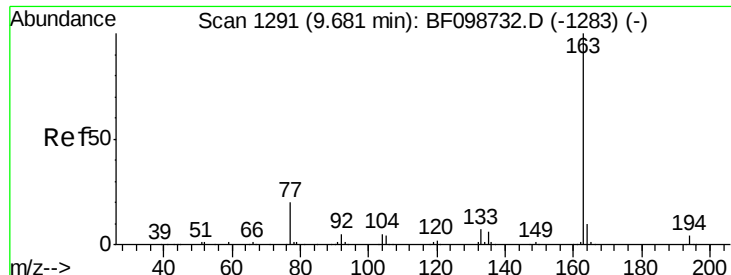
#48
Acenaphthylene
Concen: 44.64 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

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



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

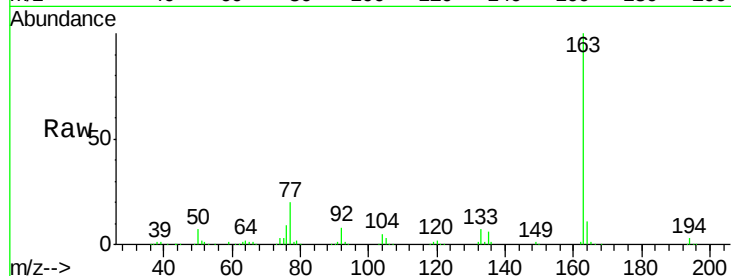




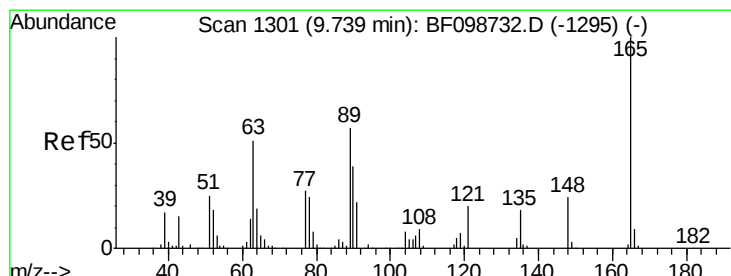
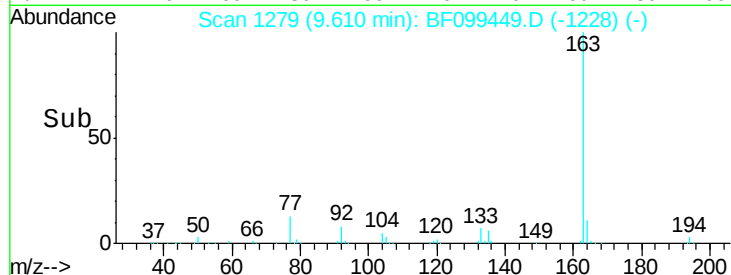
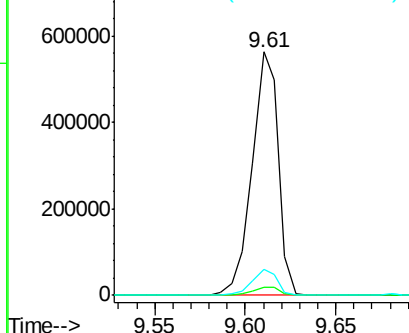
#49
Dimethylphthalate
Concen: 45.64 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 564238
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.8 8.2 12.2

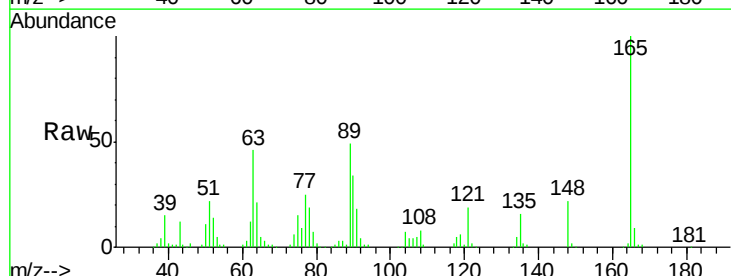


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

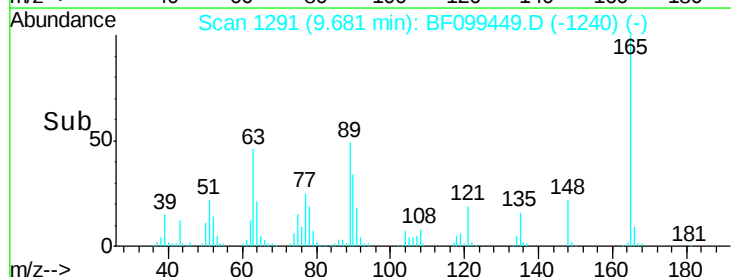
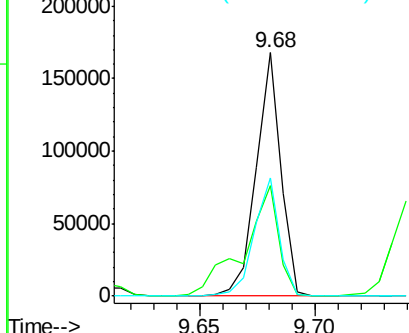


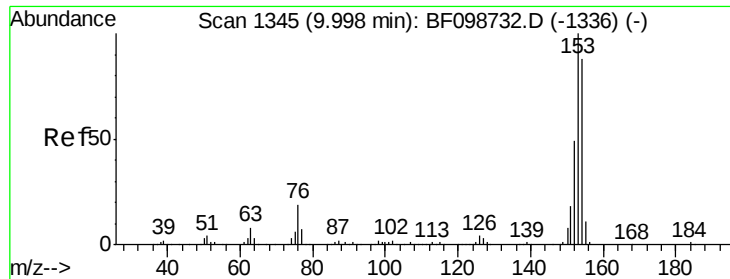
#50
2,6-Dinitrotoluene
Concen: 46.66 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:165 Resp: 125590
Ion Ratio Lower Upper
165 100
63 45.6 44.7 67.1
89 48.6 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: 41.03 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

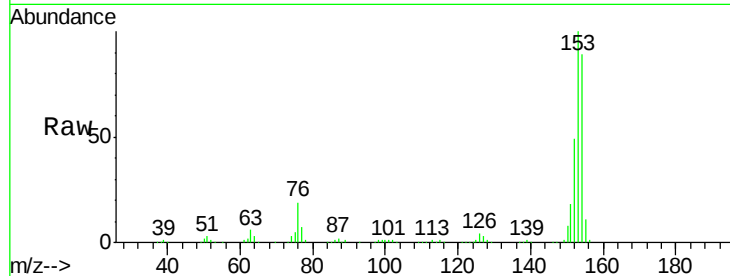
Tot Ion:154 Resp: 420569

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

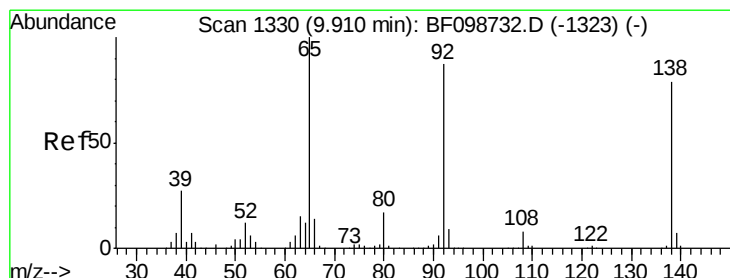
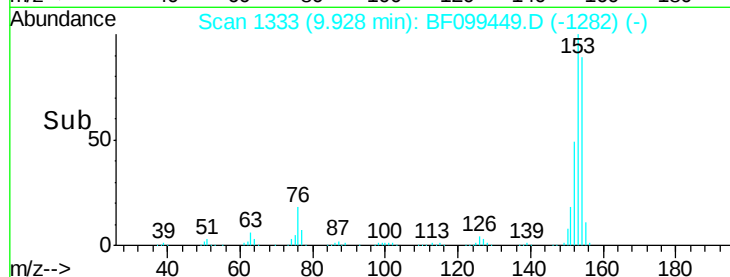
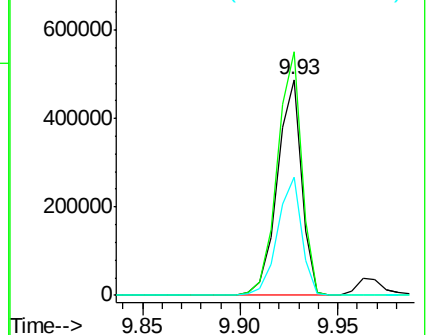
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.24 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

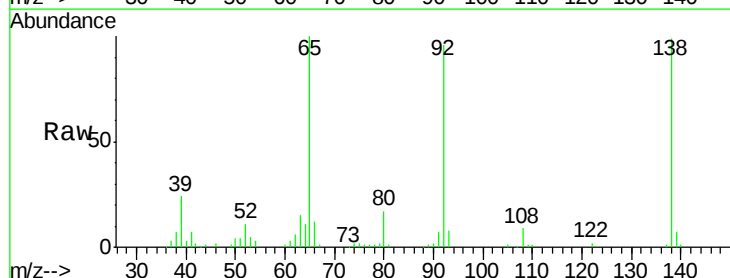
Tgt Ion:138 Resp: 69809

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.0#

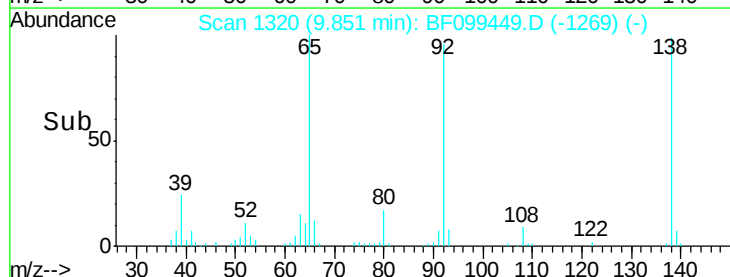
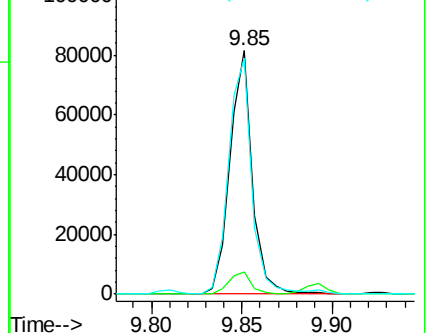
92 96.7 89.4 134.2

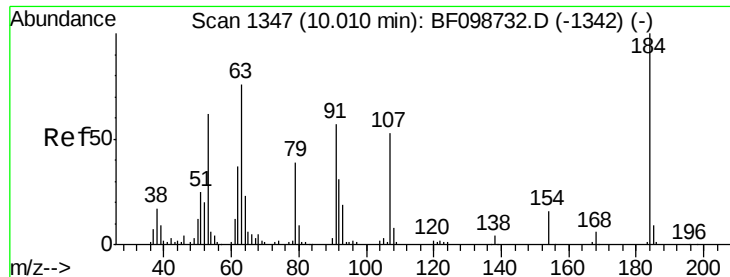


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

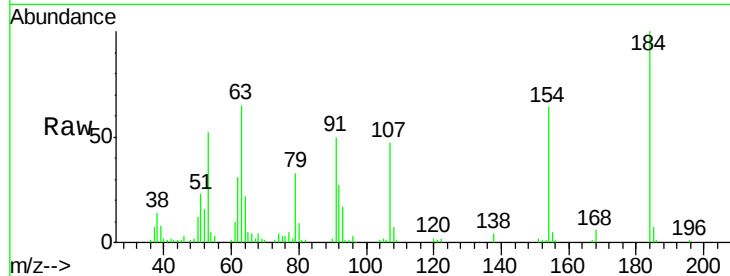




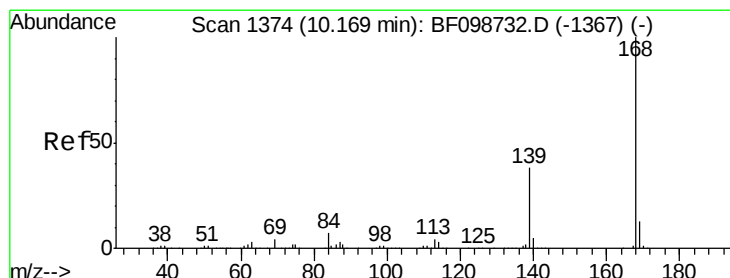
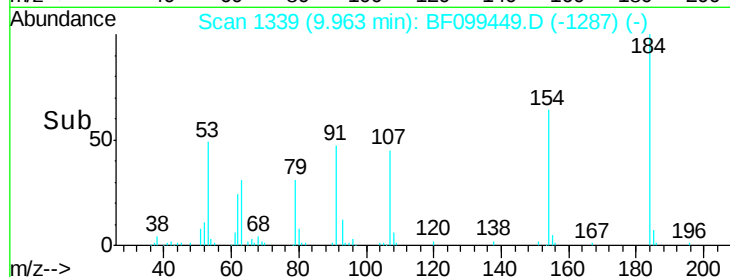
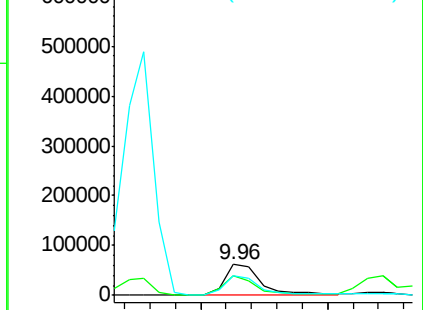
#53
2,4-Dinitrophenol
Concen: 47.77 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 63391
Ion Ratio Lower Upper
184 100
63 65.5 54.2 81.2
154 64.4 53.5 80.3

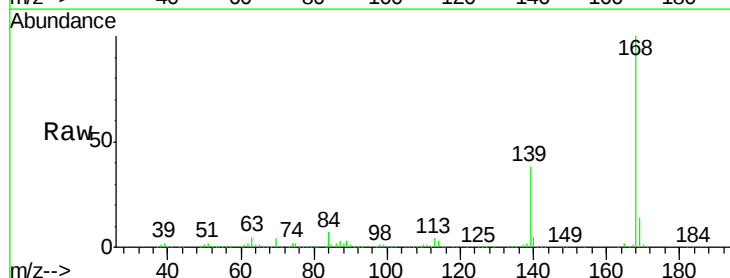


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

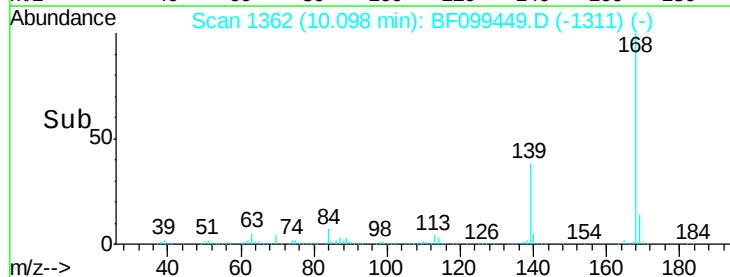
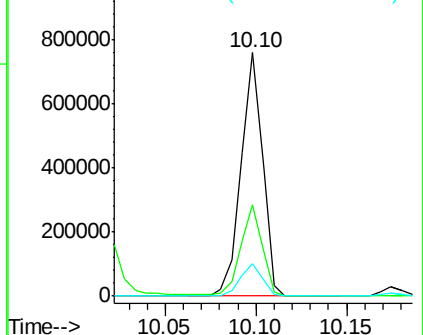


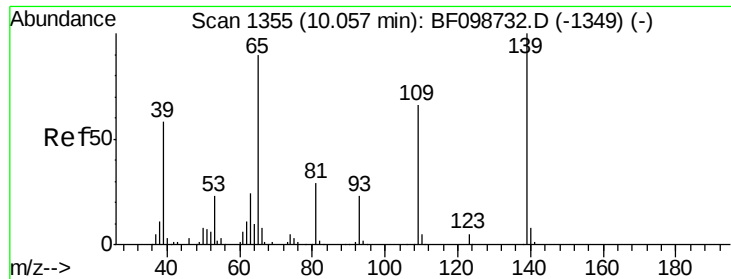
#54
Dibenzofuran
Concen: 45.98 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:168 Resp: 627567
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.5 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

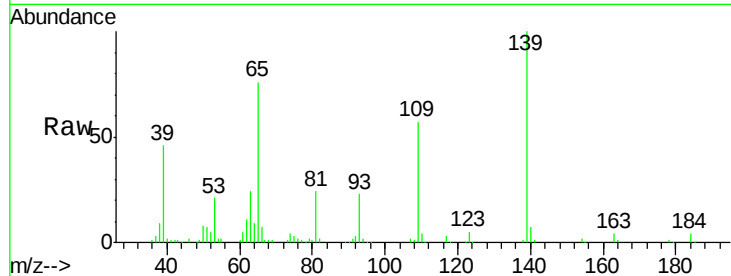




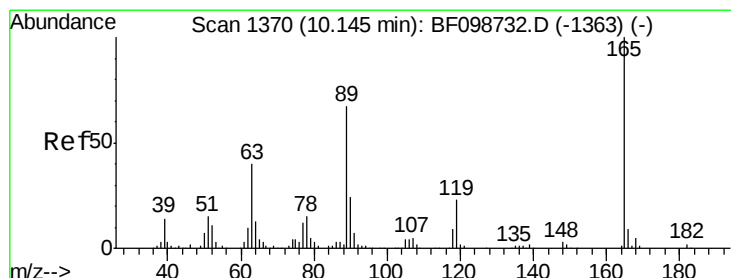
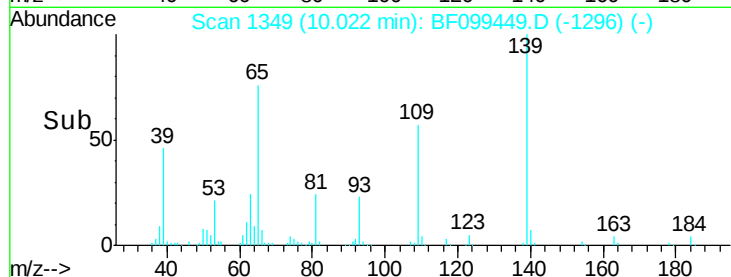
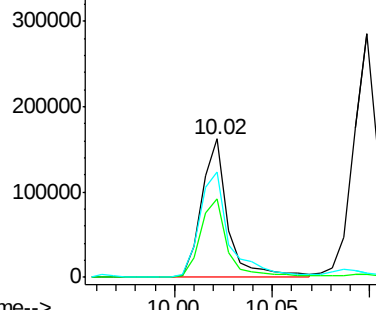
#55
4-Nitrophenol
Concen: 57.29 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 152030
Ion Ratio Lower Upper
139 100
109 56.9 48.4 88.4
65 76.1 72.6 112.6

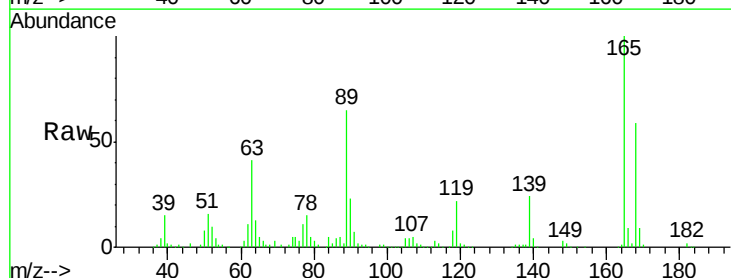


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

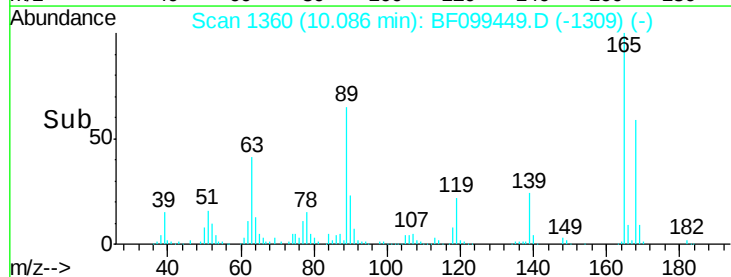
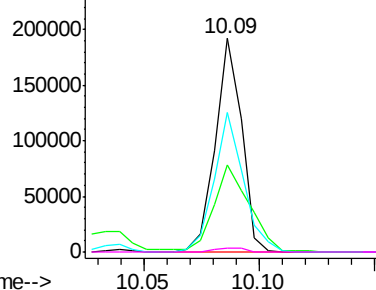


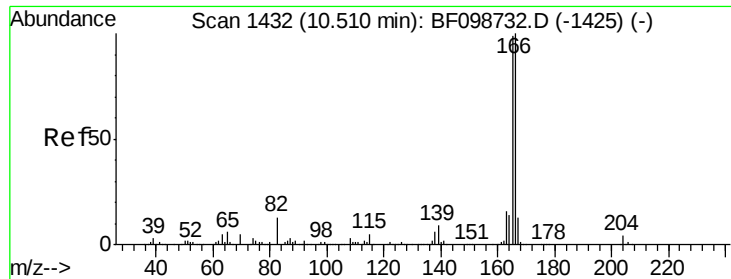
#56
2,4-Dinitrotoluene
Concen: 43.93 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:165 Resp: 153457
Ion Ratio Lower Upper
165 100
63 40.9 36.4 54.6
89 65.4 57.8 86.6
182 2.1 1.6 2.4



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

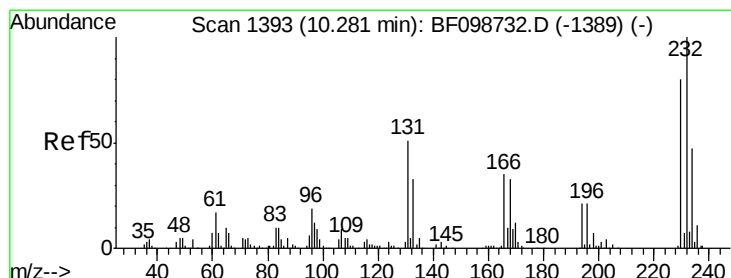
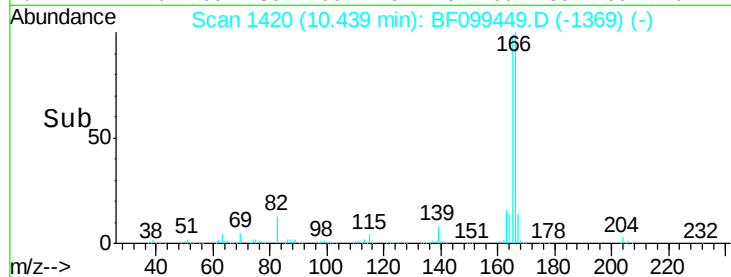
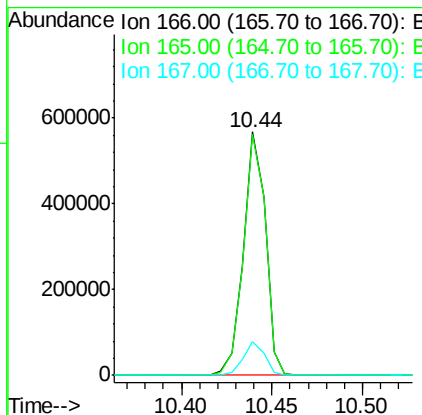
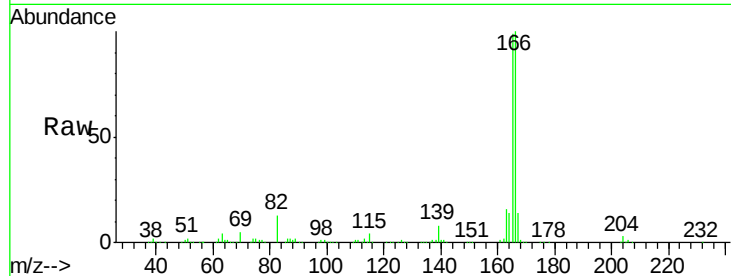




#57
 Fluorene
 Concen: 43.65 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

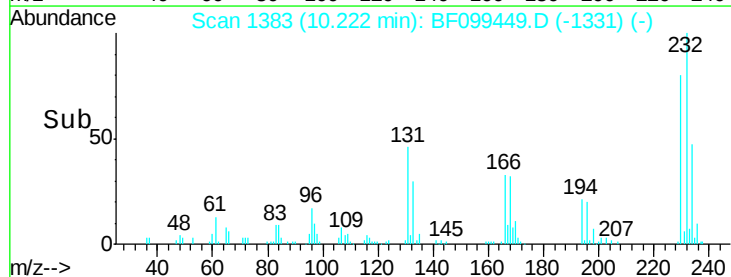
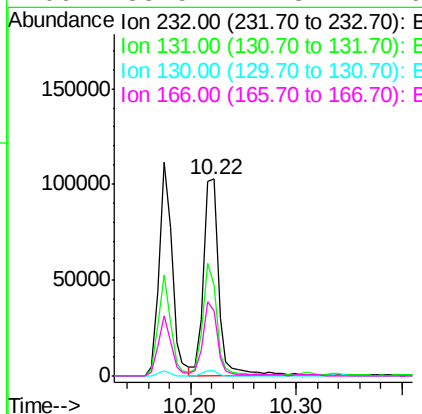
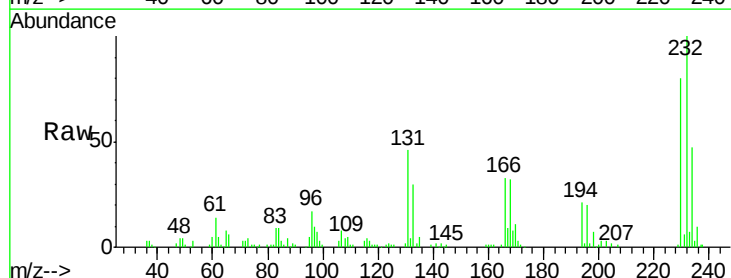
Instrument :
 BNA_F
 ClientSampleId :

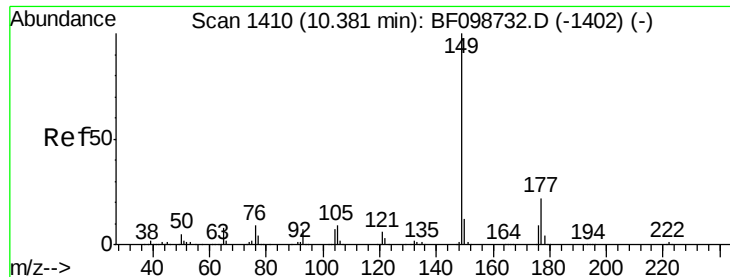
Tot Ion:166 Resp: 478797
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.53 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion:232 Resp: 103887
 Ion Ratio Lower Upper
 232 100
 131 51.0 43.8 65.8
 130 2.3 2.1 3.1
 166 35.5 27.8 41.6





#59

Diethylphthalate

Concen: 42.93 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

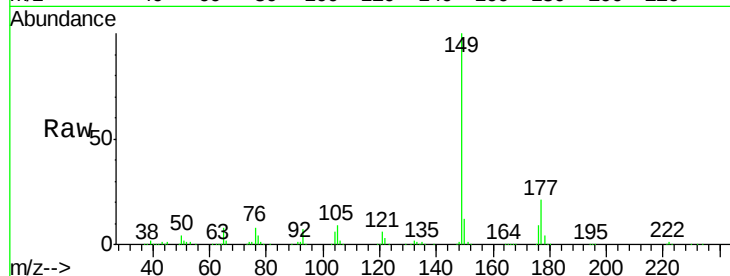
Tot Ion:149 Resp: 518581

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

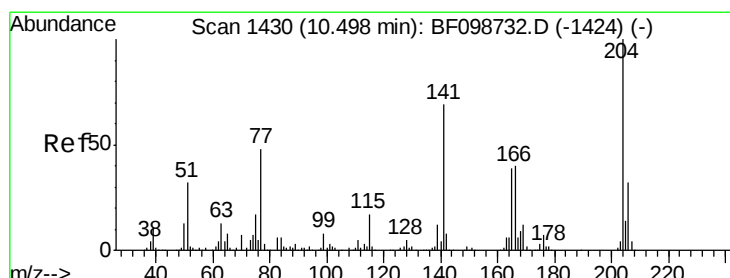
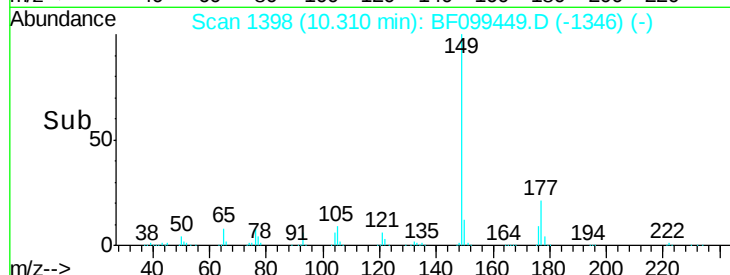
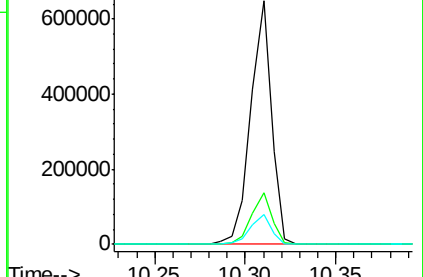
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.44 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

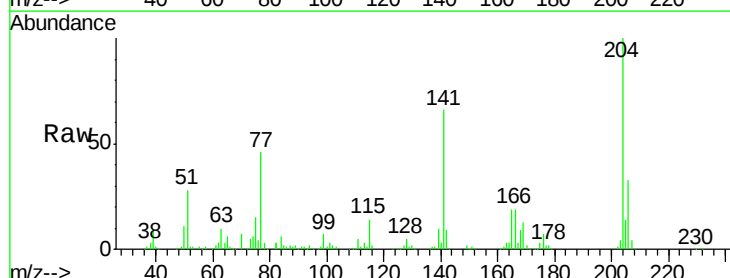
Tgt Ion:204 Resp: 218955

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

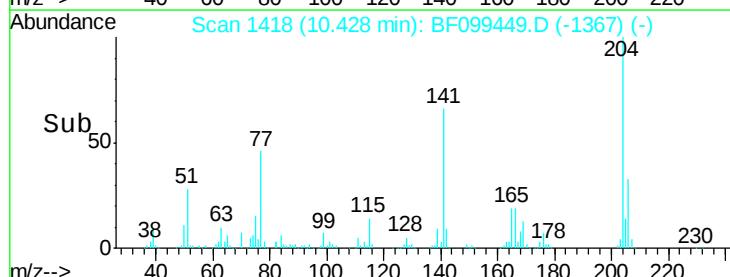
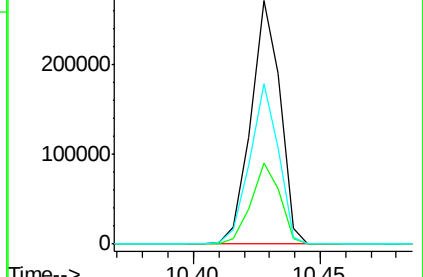
141 66.1 54.6 81.8

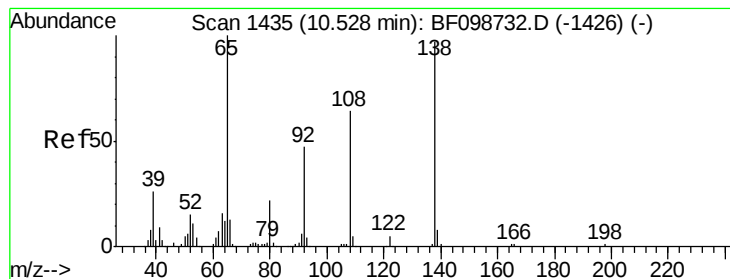


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.00 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

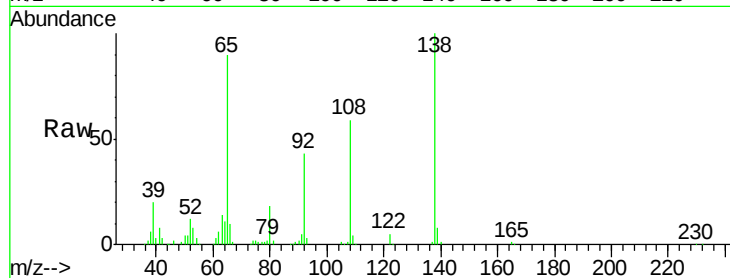
Tot Ion:138 Resp: 115068

Ion Ratio Lower Upper

138 100

92 43.0 30.2 70.2

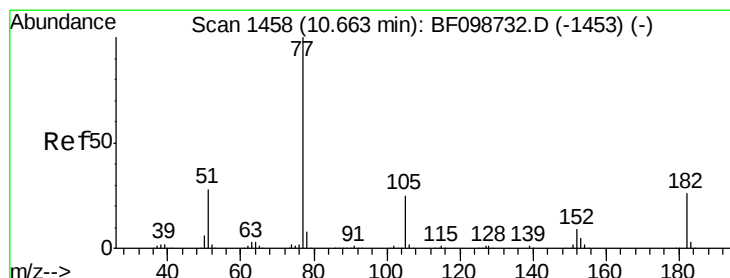
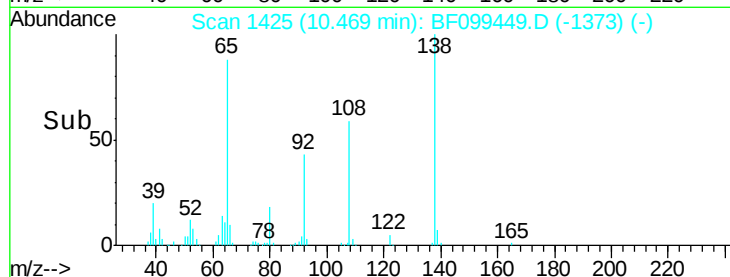
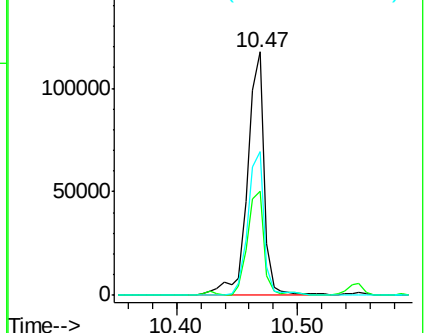
108 59.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.32 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Tgt Ion: 77 Resp: 470113

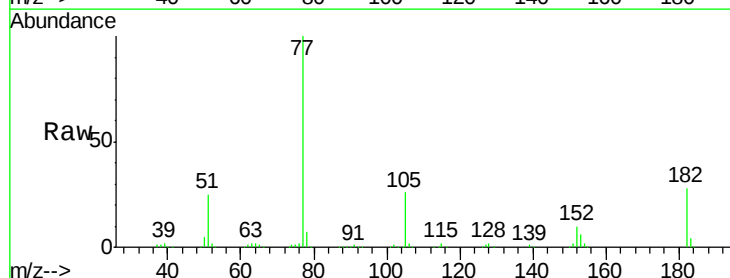
Ion Ratio Lower Upper

77 100

182 28.0 1.7 41.7

105 26.2 3.0 43.0

51 25.3 9.9 49.9

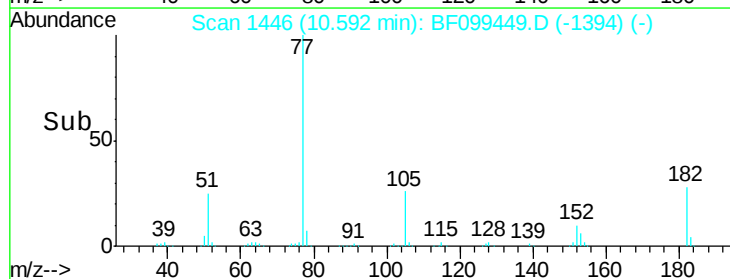
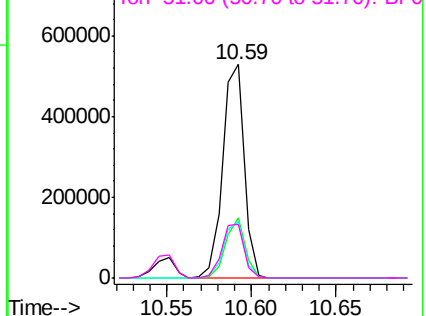


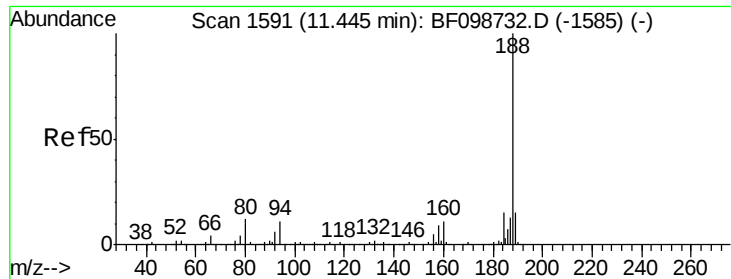
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

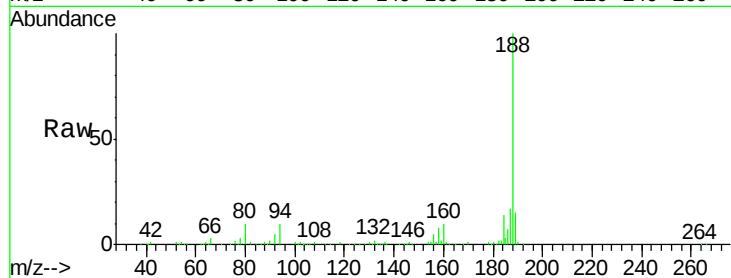




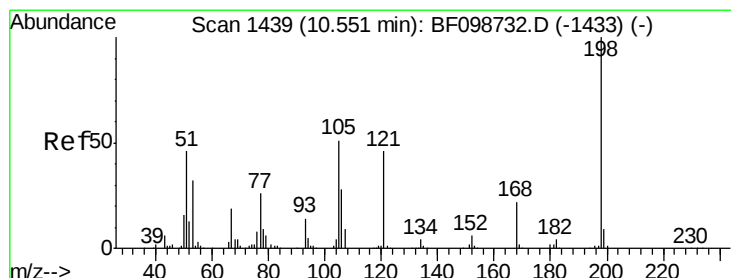
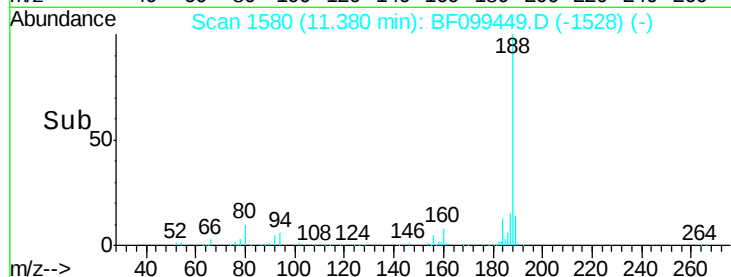
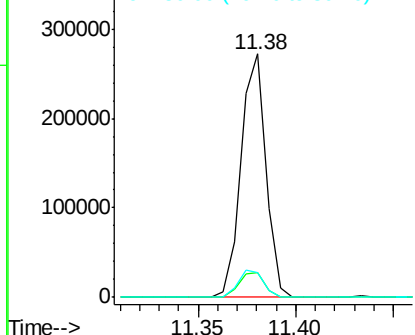
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 240702
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.4 9.2 13.8

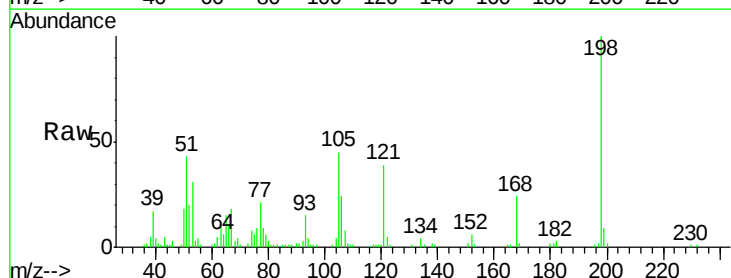


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

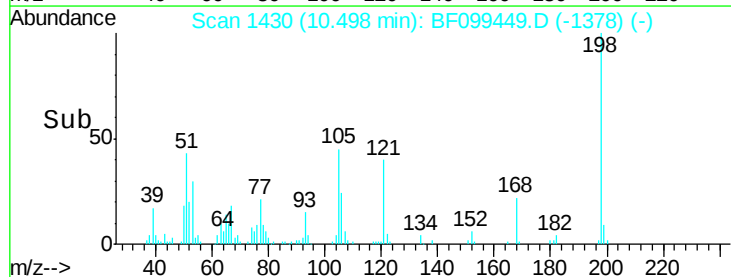
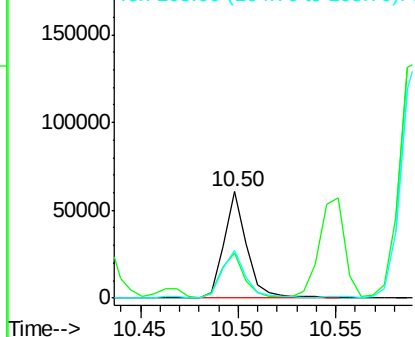


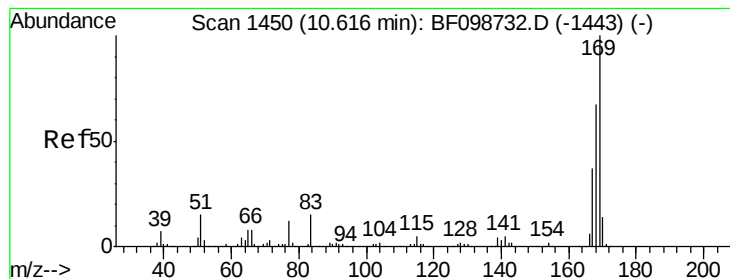
#64
4,6-Dinitro-2-methylphenol
Concen: 33.85 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:198 Resp: 49573
Ion Ratio Lower Upper
198 100
51 42.8 37.7 77.7
105 44.9 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 50.96 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

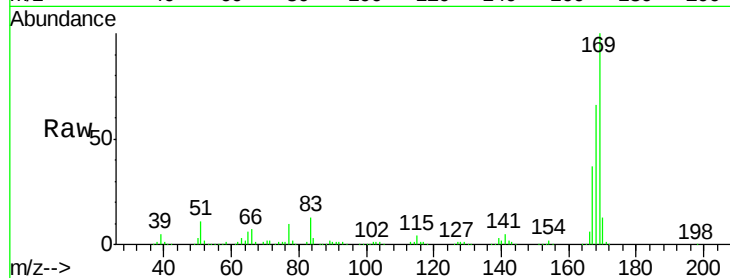
Tot Ion:169 Resp: 424910

Ion Ratio Lower Upper

169 100

168 65.6 54.4 81.6

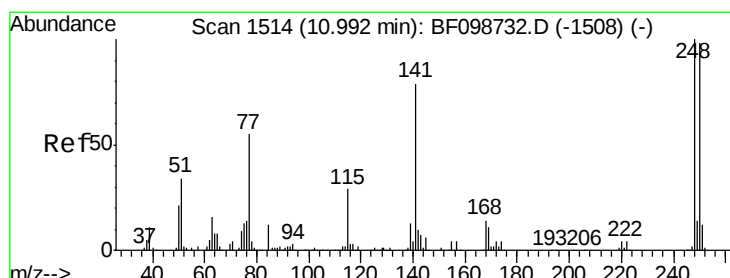
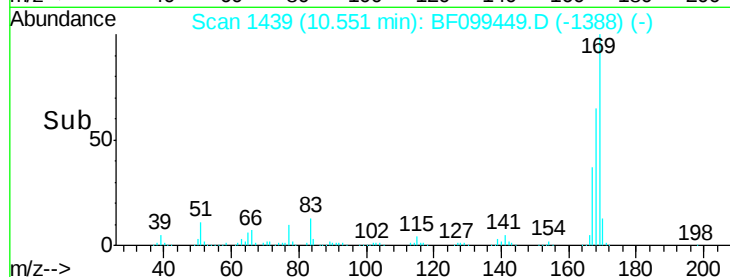
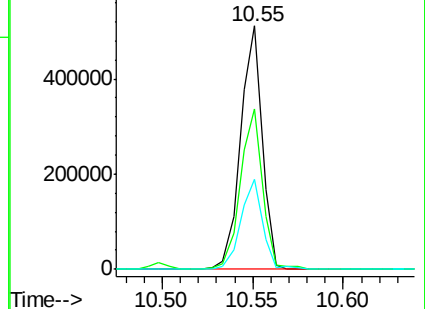
167 36.8 29.8 44.6



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: 51.12 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

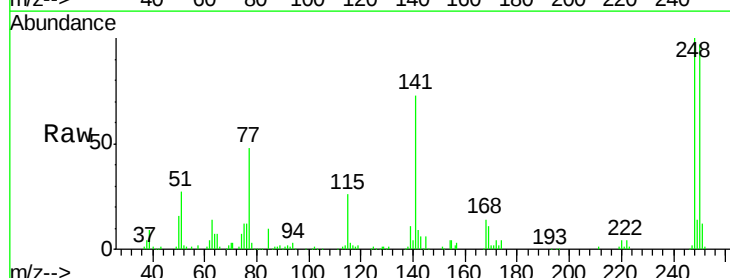
Tgt Ion:248 Resp: 120444

Ion Ratio Lower Upper

248 100

250 96.6 76.9 115.3

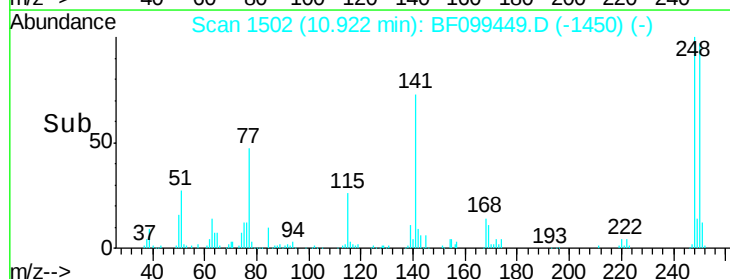
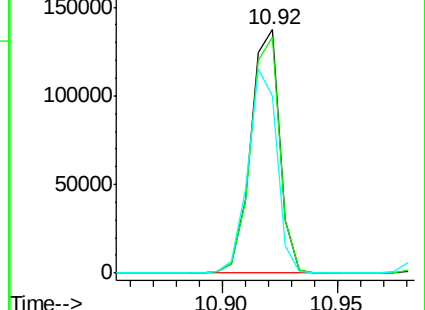
141 72.5 74.4 111.6#



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

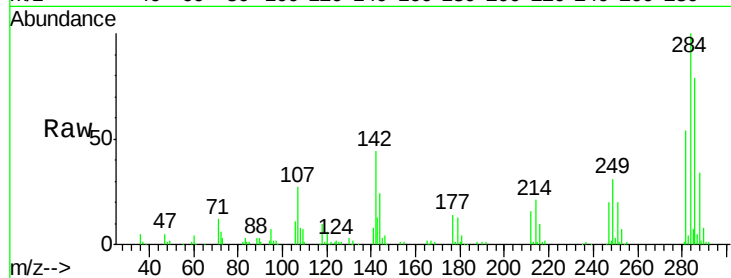




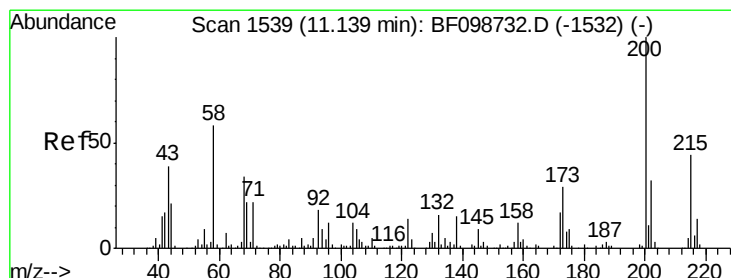
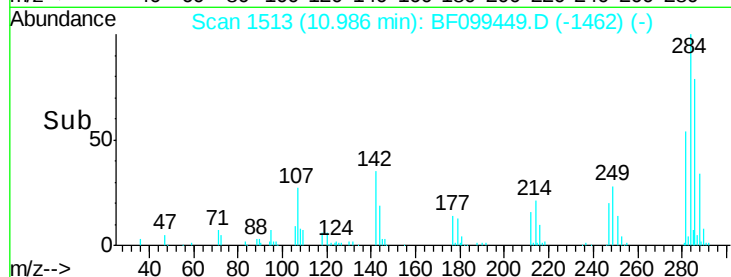
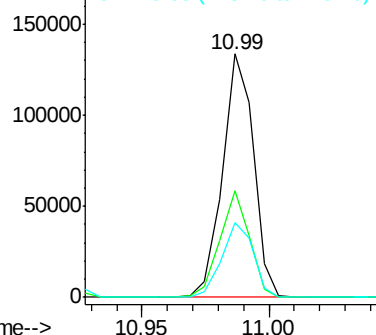
#67
Hexachlorobenzene
Concen: 45.37 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 114169
Ion Ratio Lower Upper
284 100
142 43.7 34.6 52.0
249 30.6 24.8 37.2

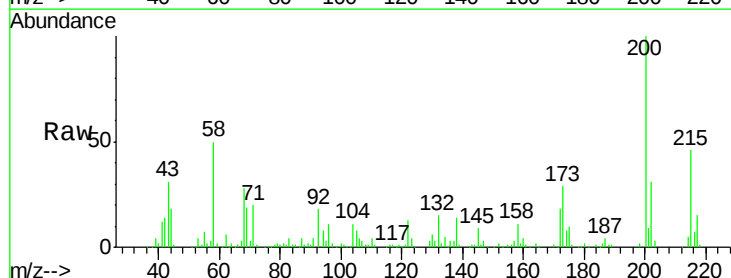


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

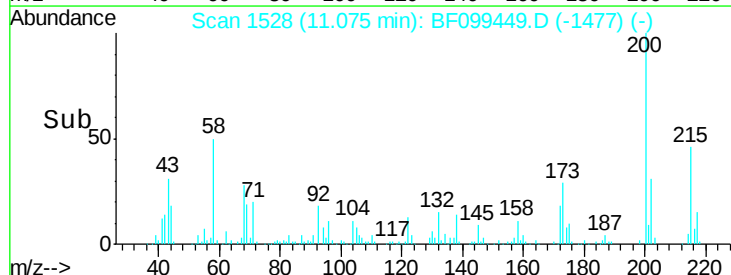
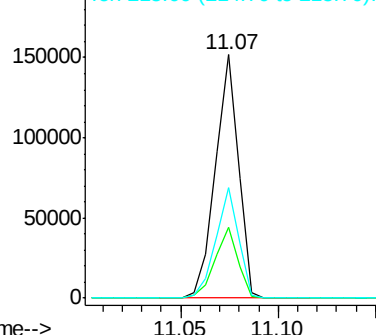


#68
Atrazine
Concen: 49.81 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:200 Resp: 124957
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 45.5 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

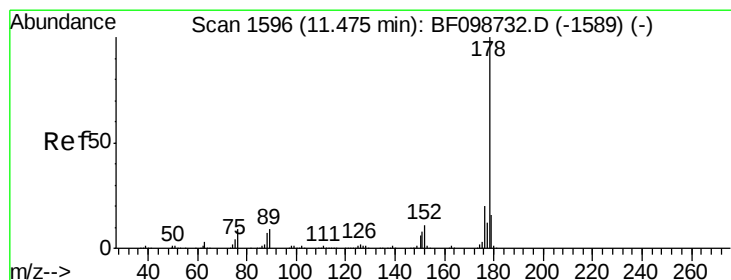
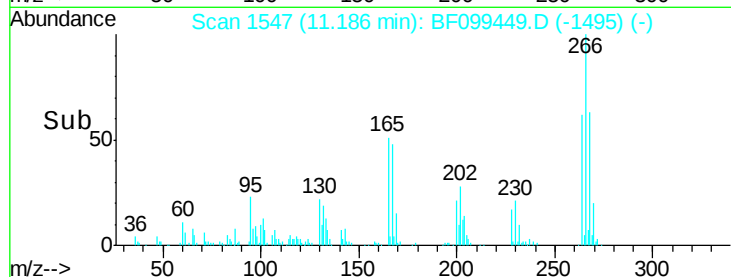
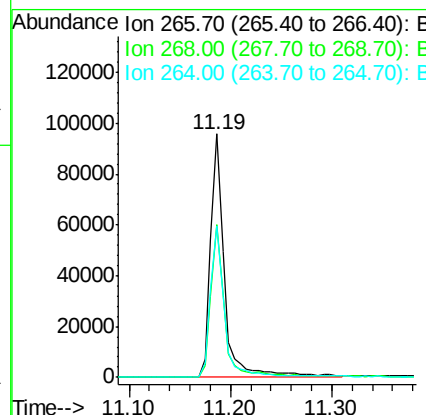
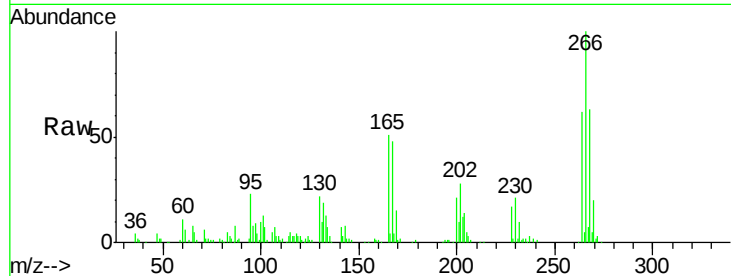




#69
 Pentachlorophenol
 Concen: 58.51 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

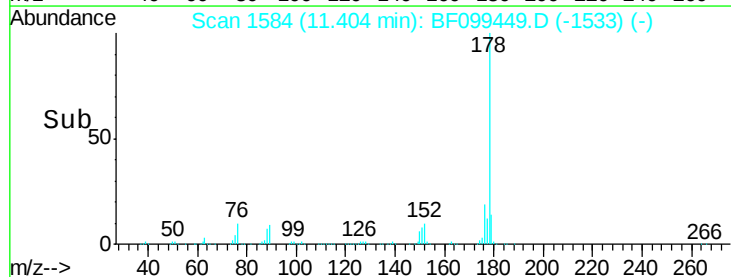
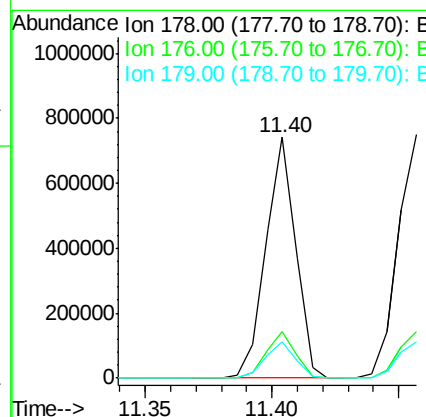
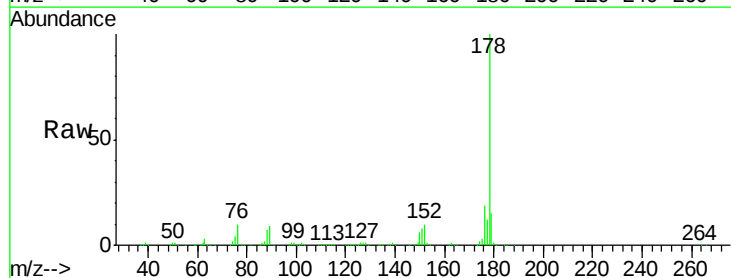
Instrument :
 BNA_F
 ClientSampleId :

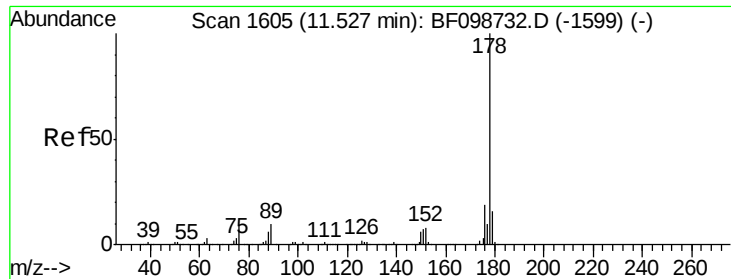
Tot Ion:266 Resp: 91625
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 62.0 49.5 74.3



#70
 Phenanthrene
 Concen: 47.24 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion:178 Resp: 608616
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.1 13.0 19.6

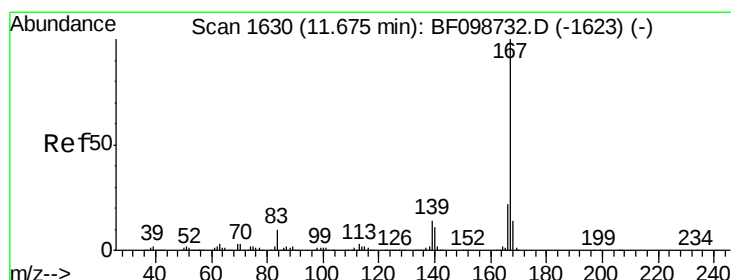
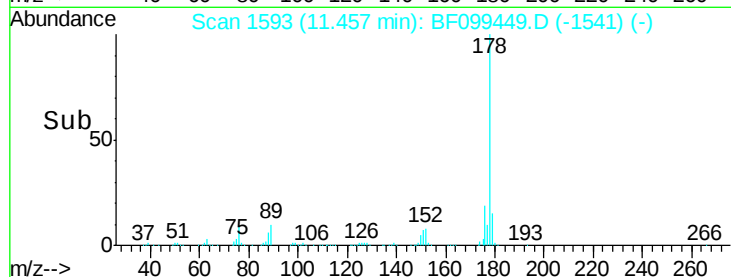
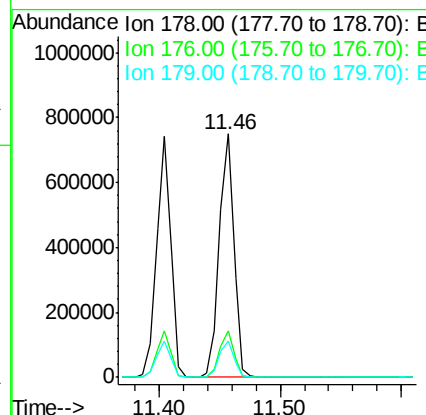
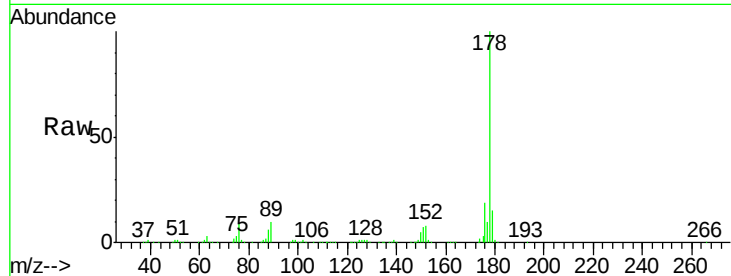




#71
 Anthracene
 Concen: 47.40 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

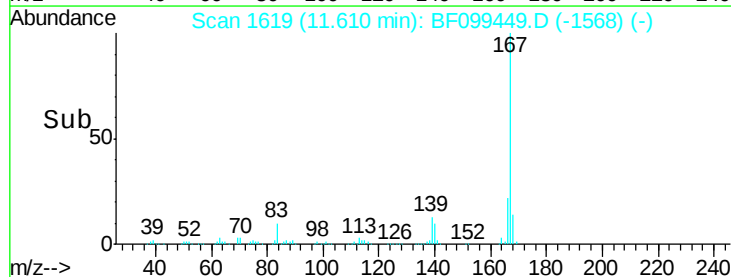
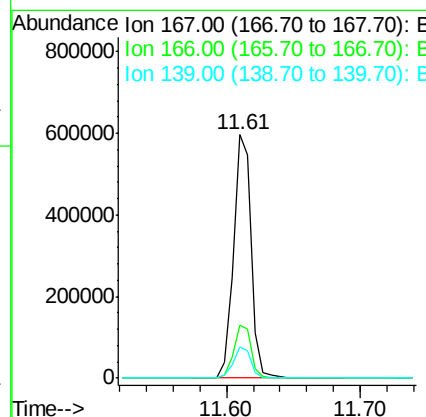
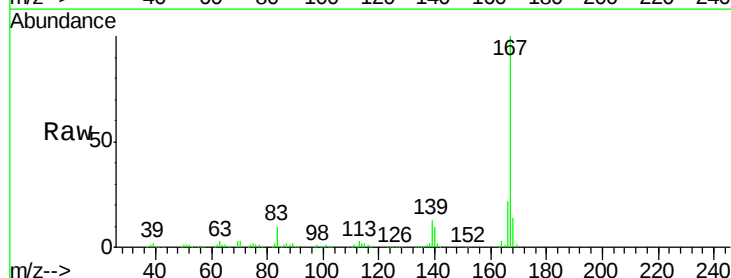
Instrument :
 BNA_F
 ClientSampleId :

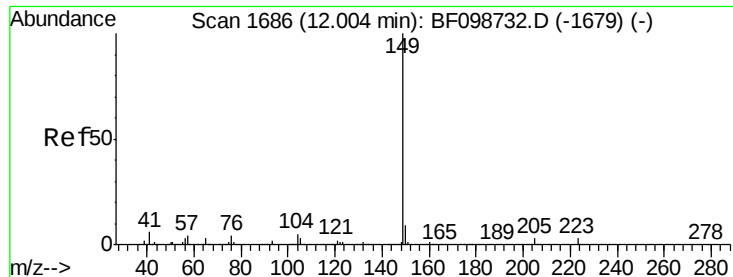
Tot Ion:178 Resp: 624867
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 43.12 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion:167 Resp: 556711
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.69 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

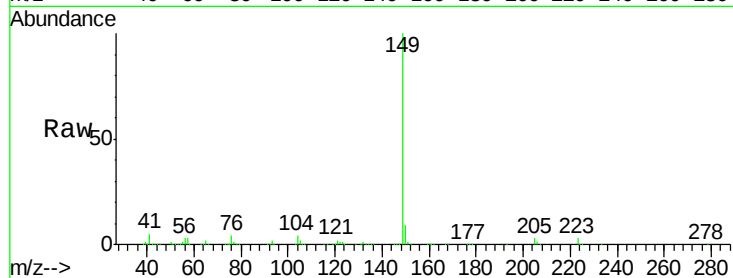
Tot Ion:149 Resp: 694371

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

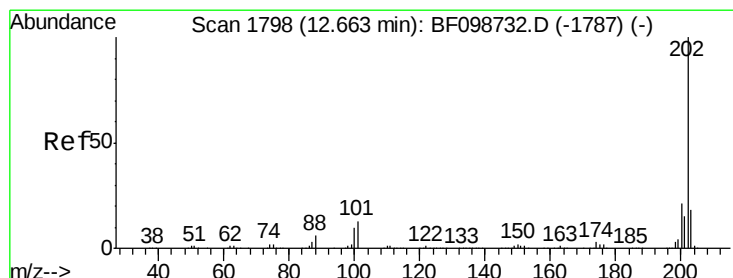
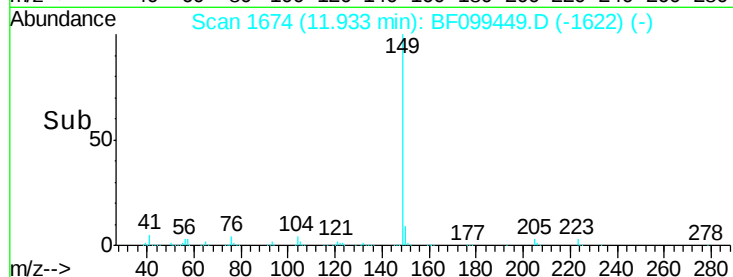
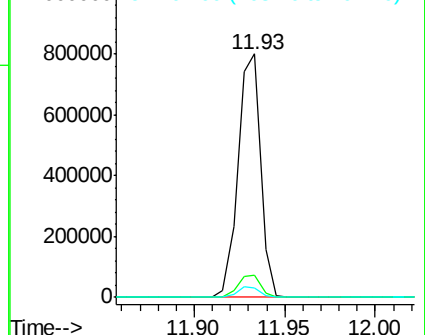
104 3.9 3.8 5.8



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: 41.47 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

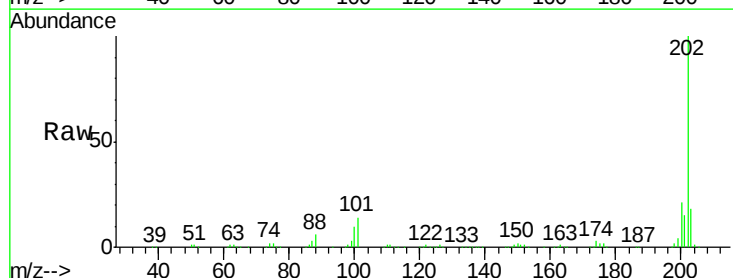
Tgt Ion:202 Resp: 541017

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

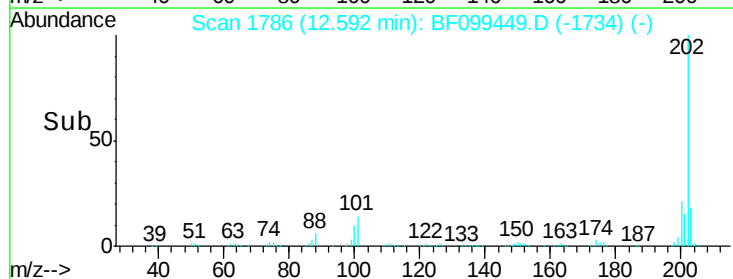
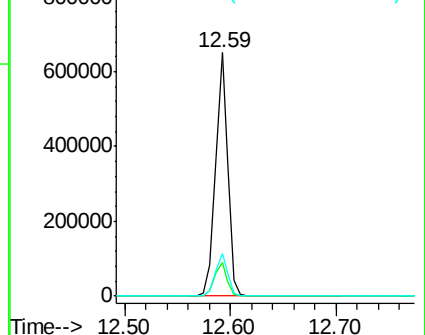
203 17.6 0.0 38.1

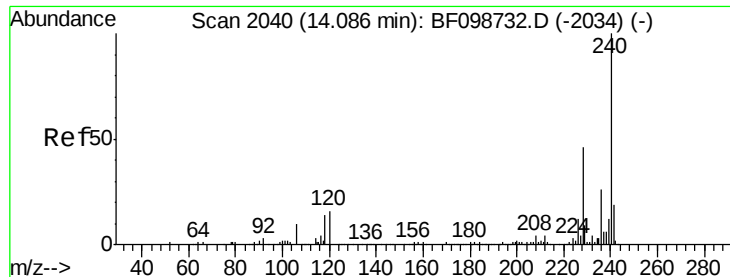


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

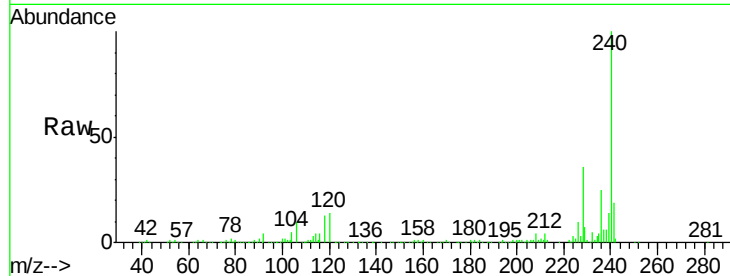
Tot Ion:240 Resp: 167191

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

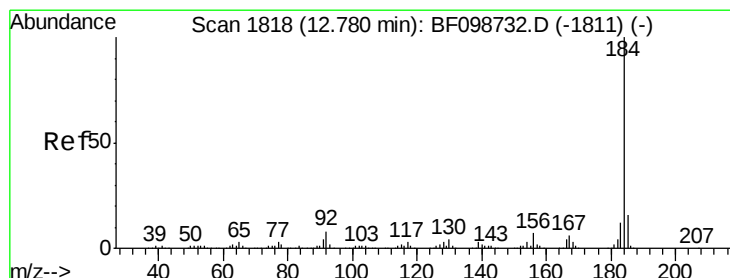
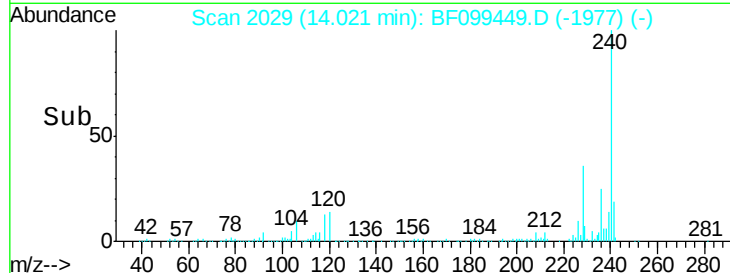
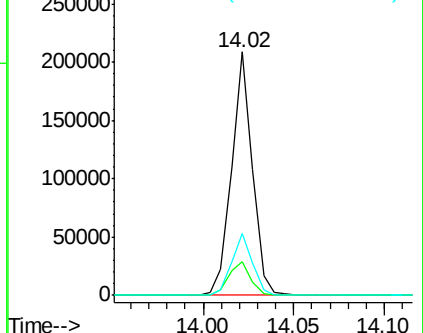
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.36 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

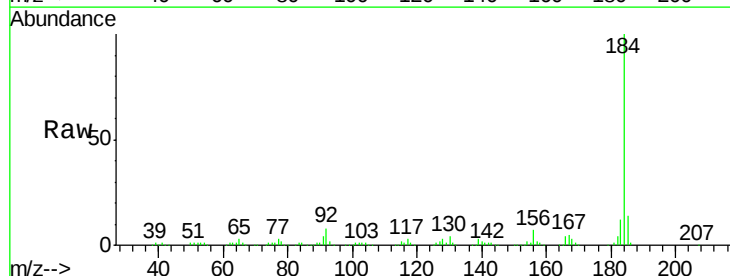
Tgt Ion:184 Resp: 261928

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

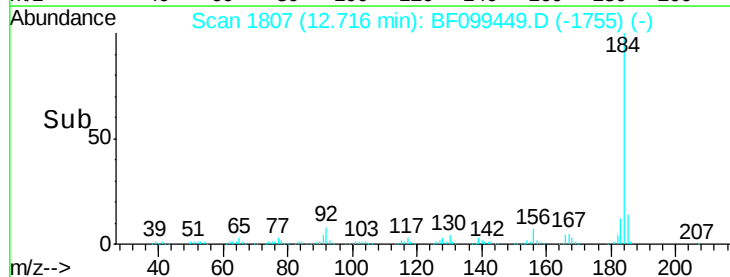
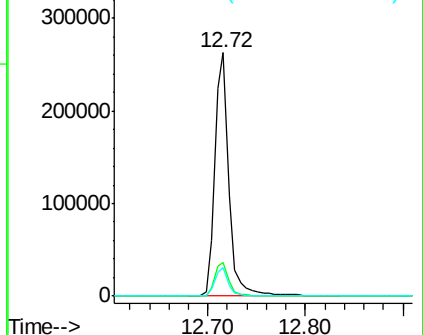
183 11.8 9.3 13.9

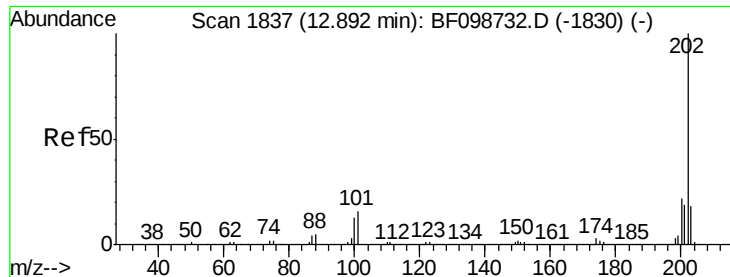


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

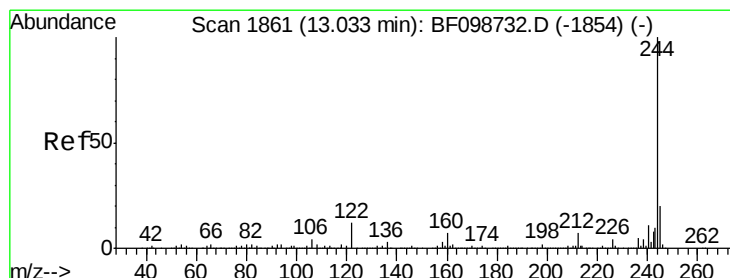
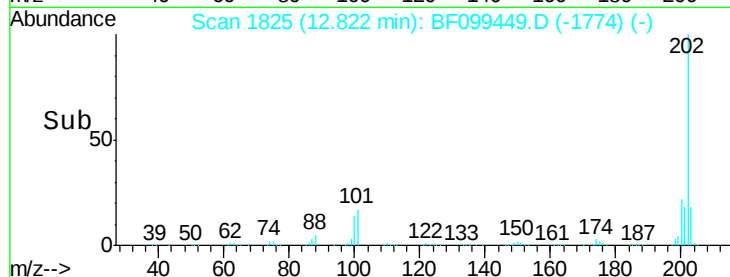
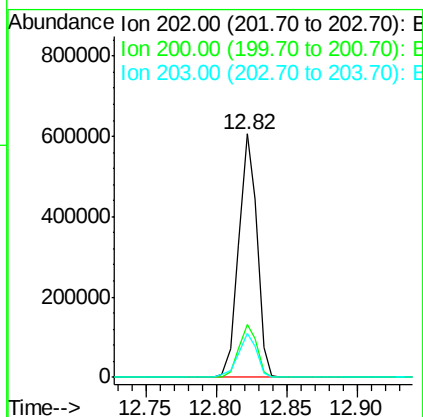
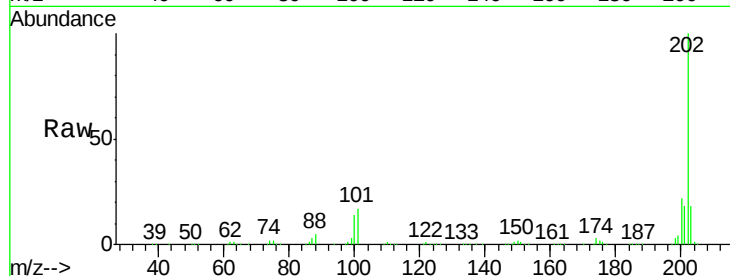




#77
Pvrene
Concen: 42.76 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

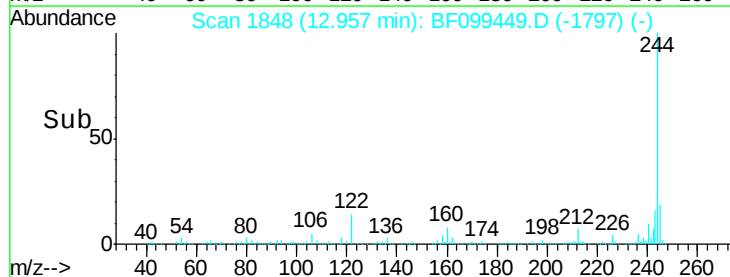
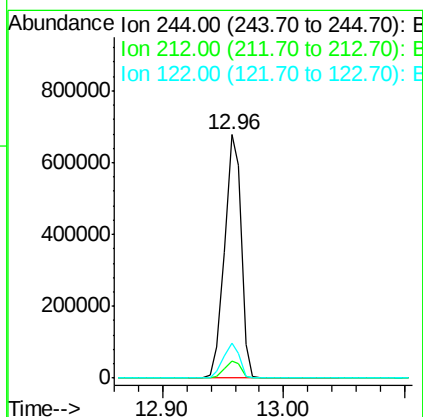
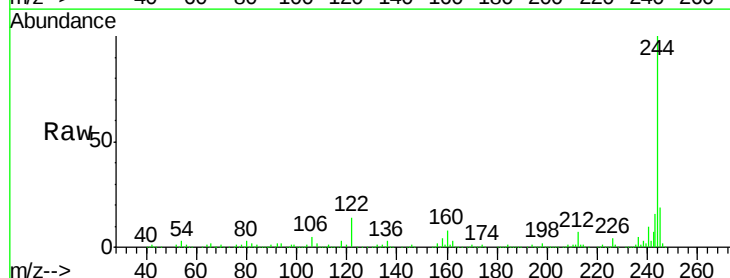
Instrument :
BNA_F
ClientSampleId :

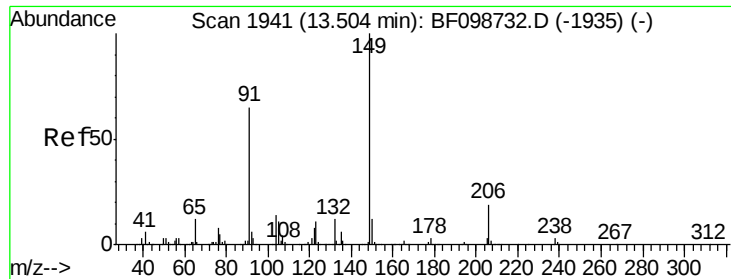
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5



#78
Terphenyl-d14
Concen: 87.38 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.4	11.0	16.4

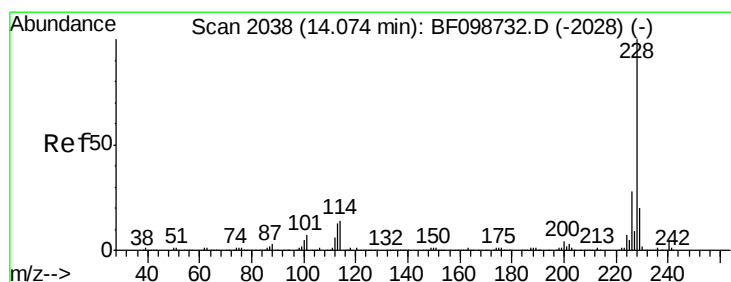
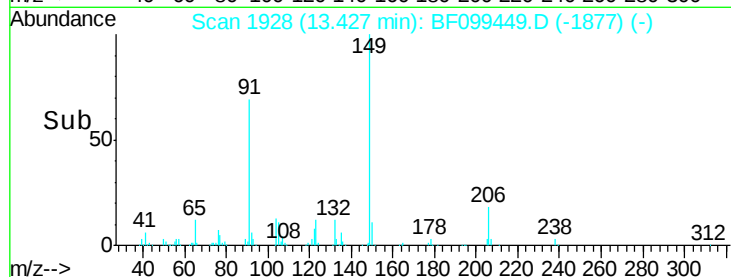
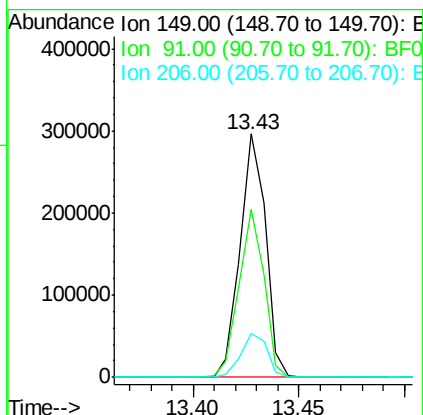
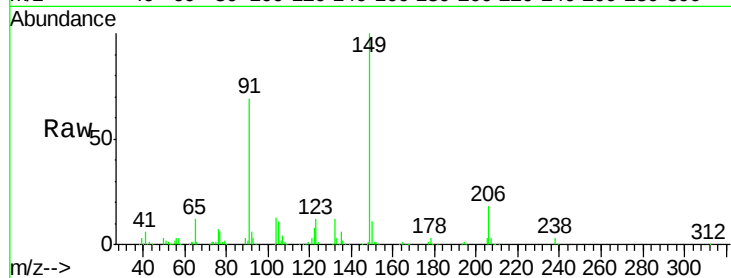




#79
Butylbenzylphthalate
Concen: 41.38 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

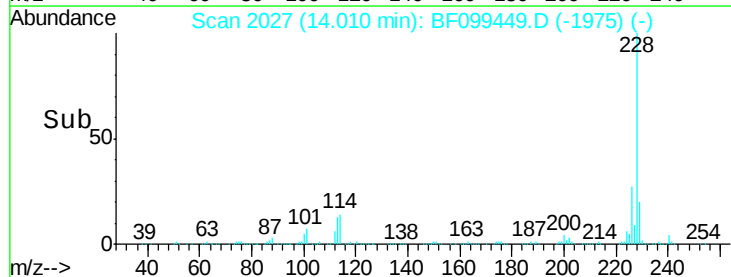
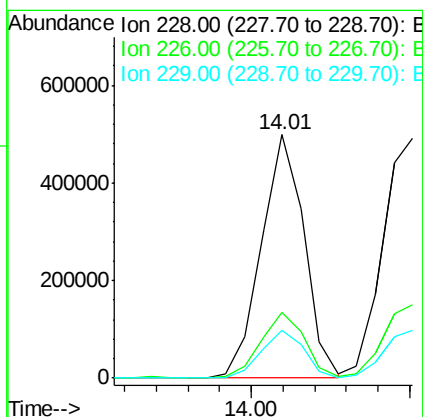
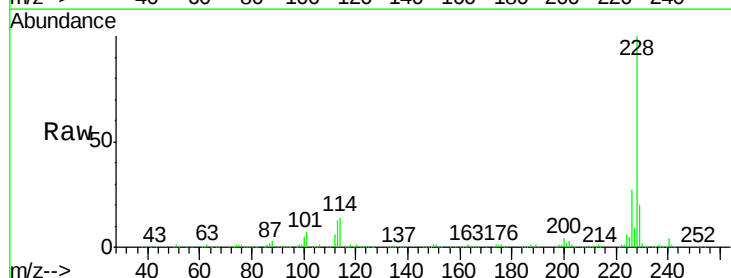
Instrument :
BNA_F
ClientSampleId :

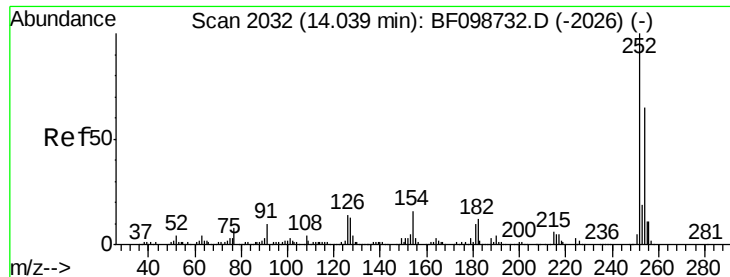
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	56.8	85.2
206	18.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 46.42 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.6	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 37.86 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

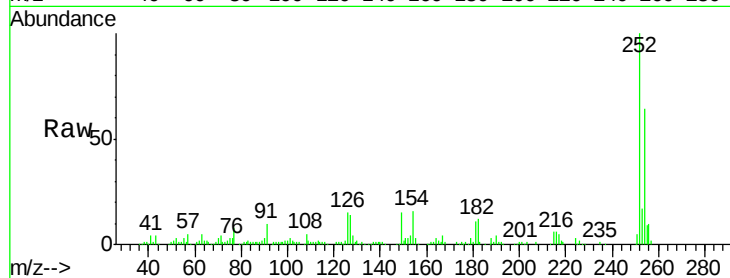
Tot Ion:252 Resp: 140493

Ion Ratio Lower Upper

252 100

254 63.9 50.4 75.6

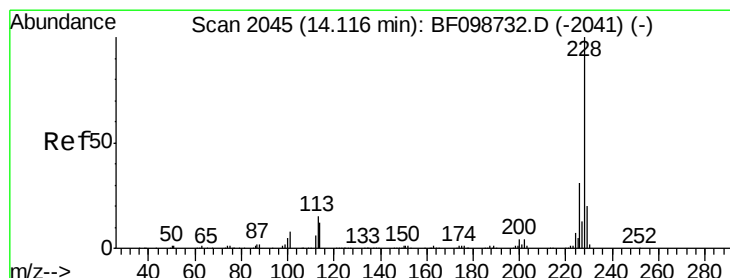
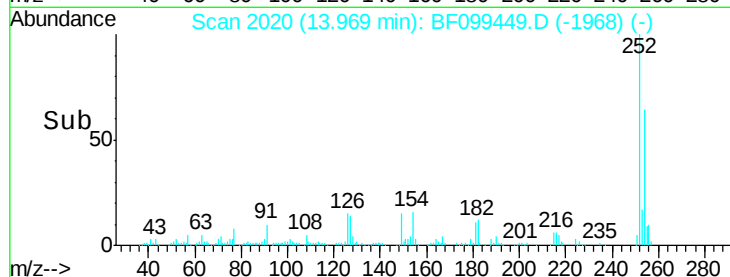
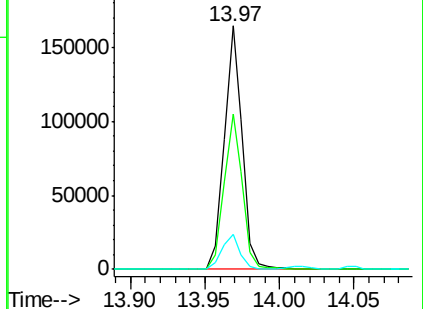
126 14.6 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 46.89 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

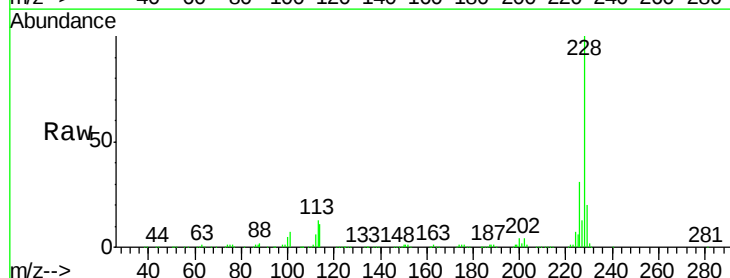
Tgt Ion:228 Resp: 451932

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

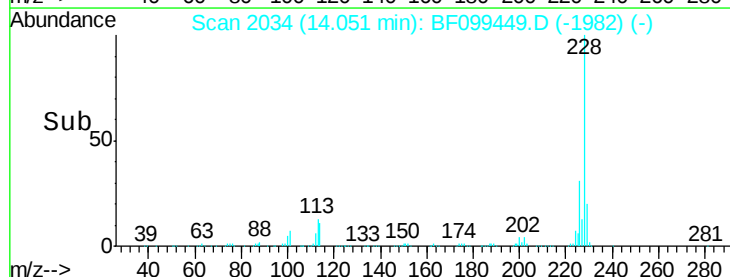
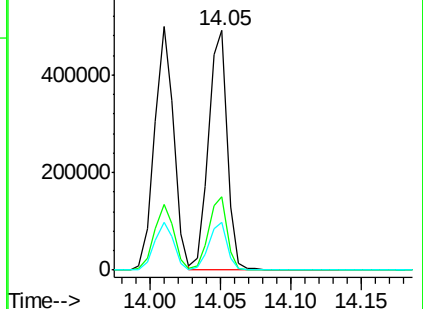
229 19.7 16.2 24.4

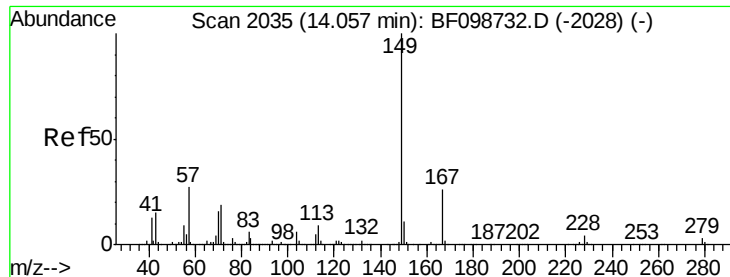


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.41 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

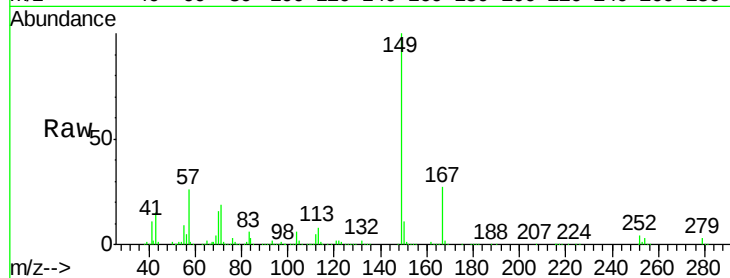
Tot Ion:149 Resp: 333416

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

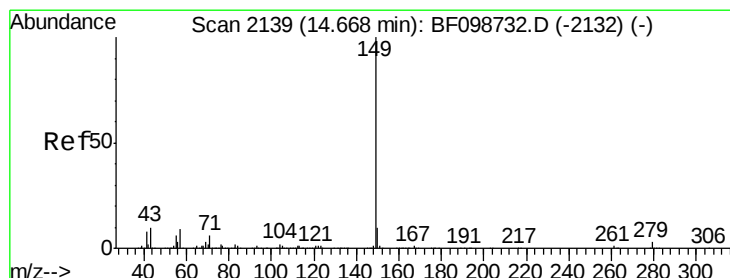
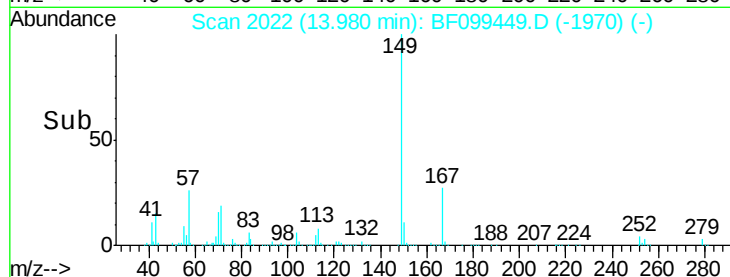
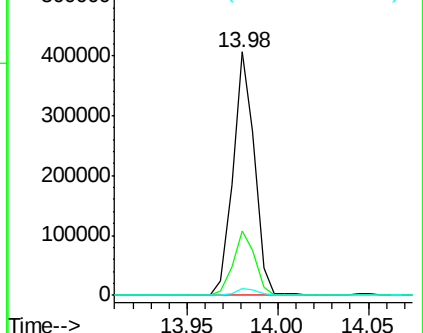
279 2.6 3.0 4.4#



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: 45.69 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

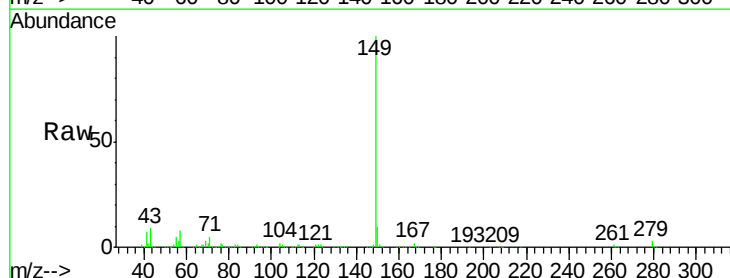
Tgt Ion:149 Resp: 606923

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

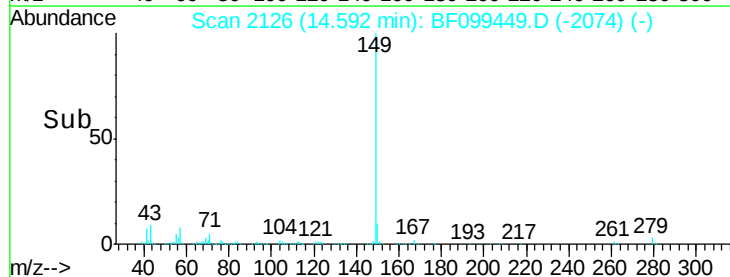
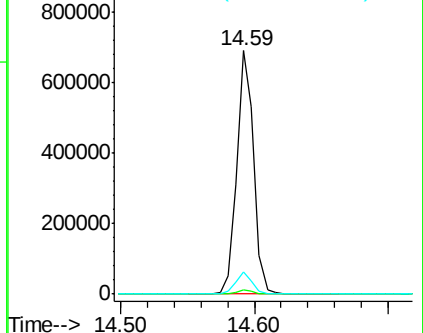
43 8.5 8.4 12.6

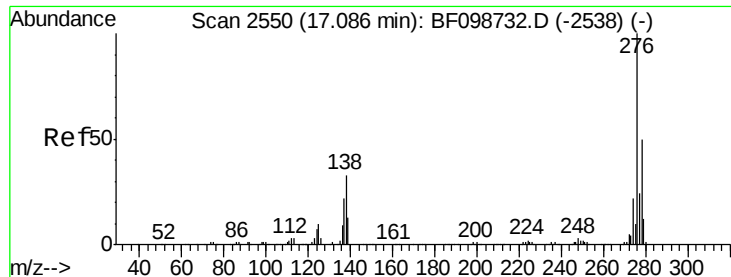


Abundance Ion 149.00 (148.70 to 149.70): E

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: 67.89 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampled :

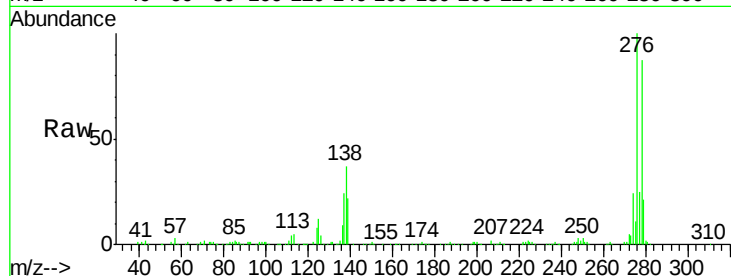
Tot Ion:276 Resp: 523423

Ion Ratio Lower Upper

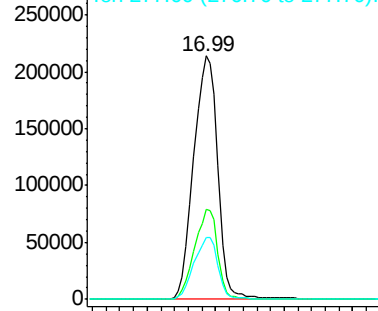
276 100

138 35.5 25.0 37.6

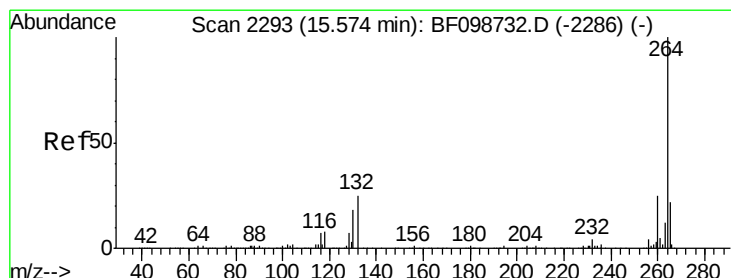
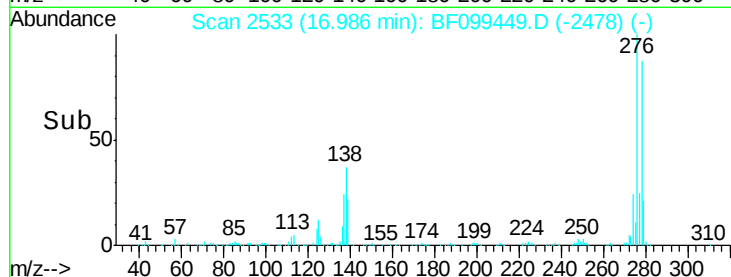
277 25.4 20.1 30.1



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



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

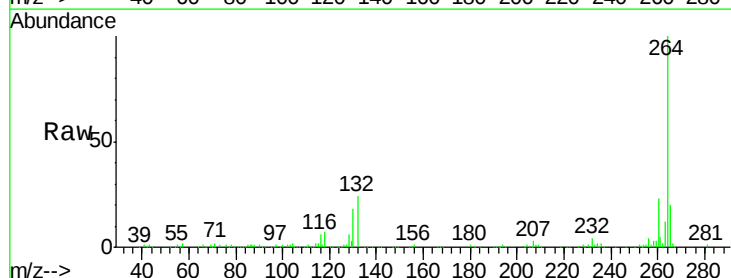
Tgt Ion:264 Resp: 189079

Ion Ratio Lower Upper

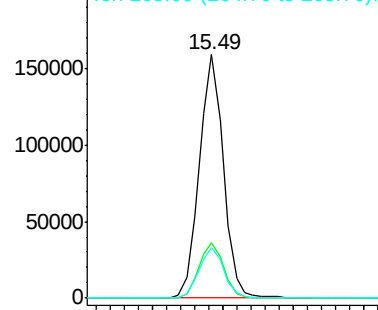
264 100

260 23.0 19.2 28.8

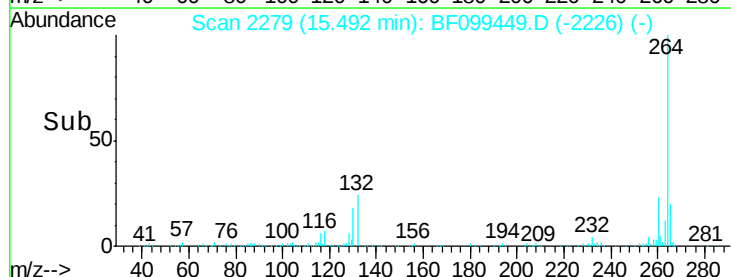
265 20.5 17.5 26.3

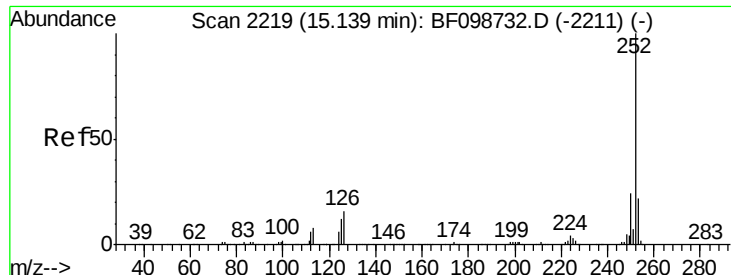


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 42.34 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

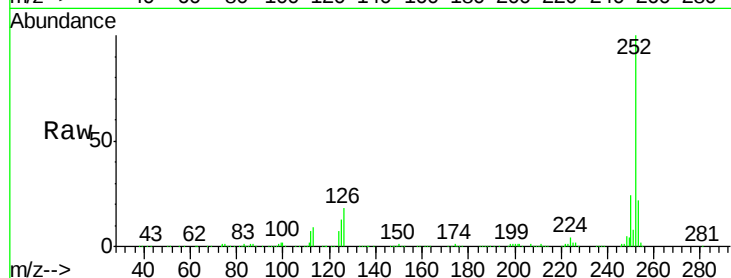
Tot Ion:252 Resp: 492255

Ion Ratio Lower Upper

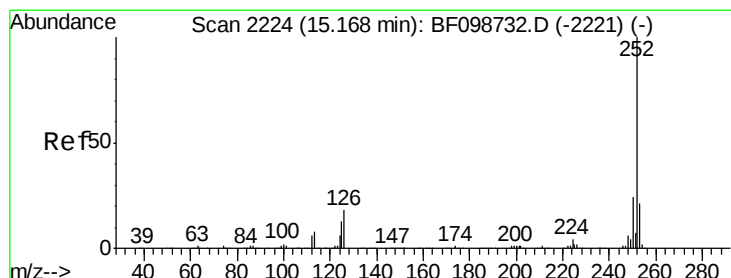
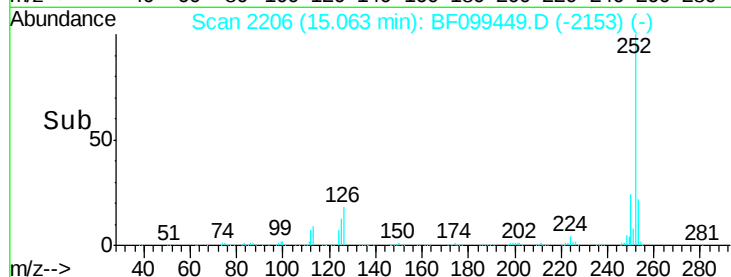
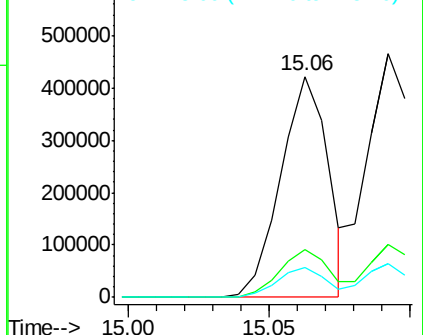
252 100

253 21.7 17.0 25.6

125 13.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.50 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

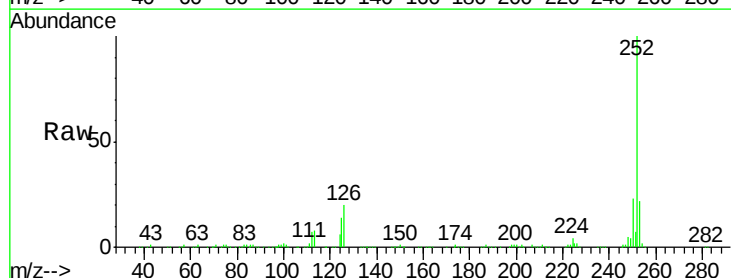
Tgt Ion:252 Resp: 510928

Ion Ratio Lower Upper

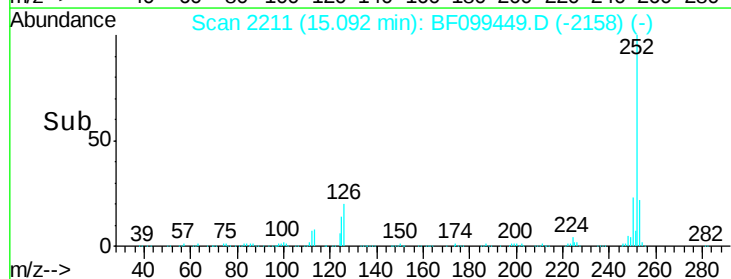
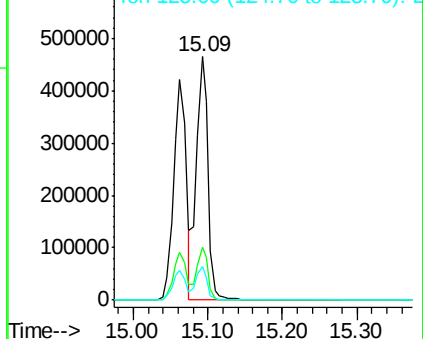
252 100

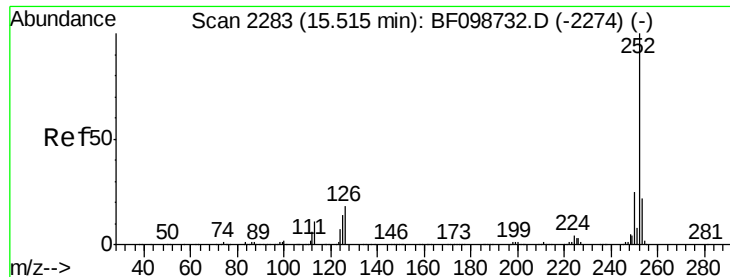
253 21.9 17.9 26.9

125 13.7 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

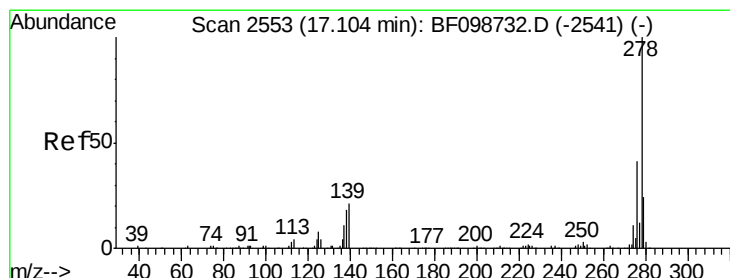
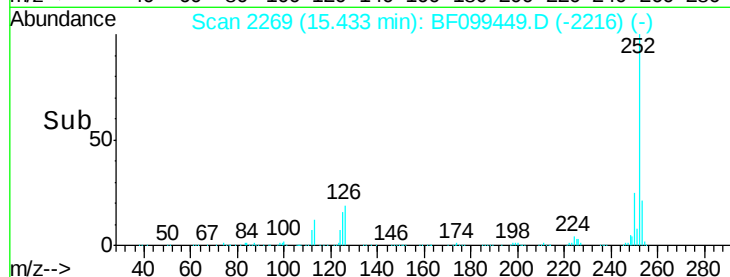
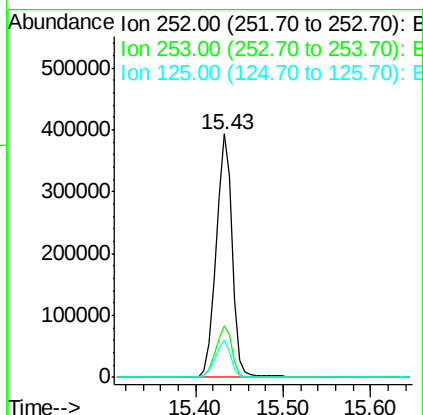
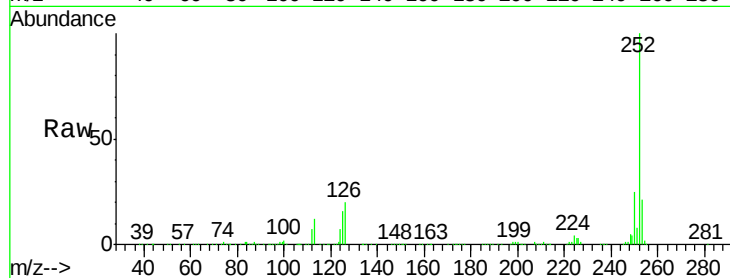




#89
Benzo(a)pyrene
Concen: 47.08 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

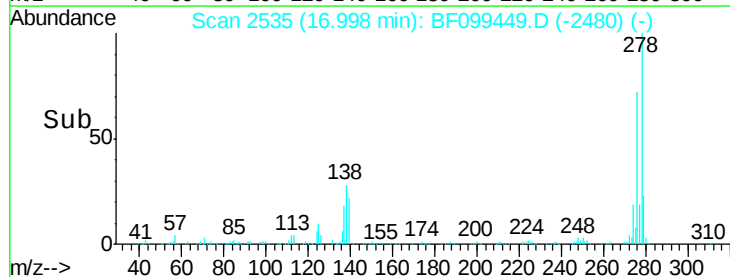
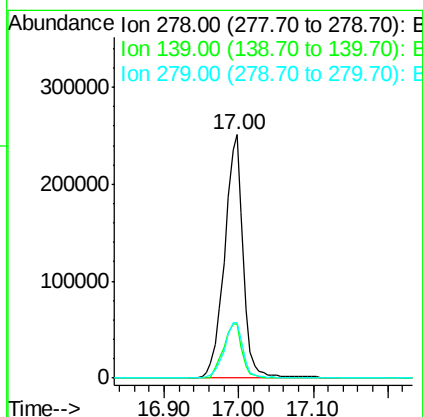
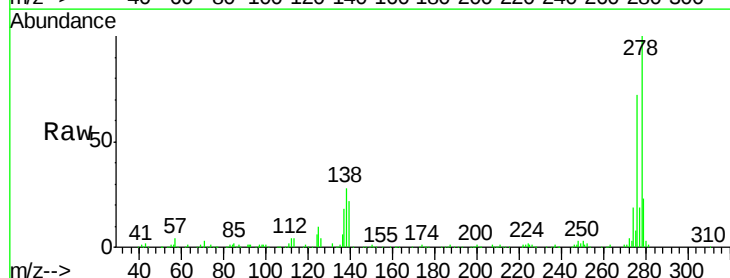
Instrument :
BNA_F
ClientSampleId :

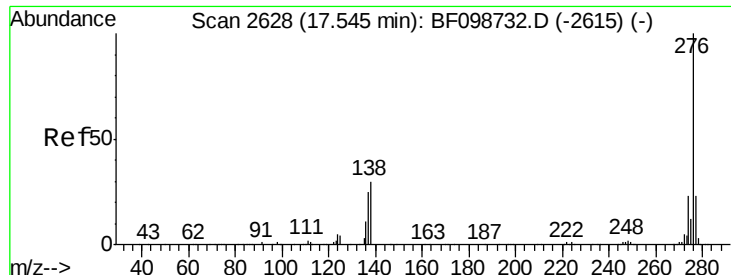
Tot Ion:252 Resp: 502352
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 15.7 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 51.27 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:278 Resp: 437831
Ion Ratio Lower Upper
278 100
139 22.1 15.9 23.9
279 22.6 19.0 28.4

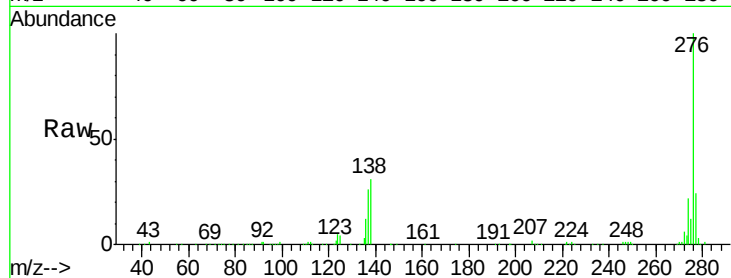




#91
 Benzo(a,h,i)perylene
 Concen: 51.57 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.03 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	31.0	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

