

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099466.D
 Acq On : 14 Oct 2017 4:09
 Operator : SJ/JU
 Sample : PB103194BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 04:40:21 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	106921	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	423745	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	175728	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	261474	20.00	ng	0.00
75) Chrysene-d12	14.02	240	179421	20.00	ng	0.00
86) Perylene-d12	15.50	264	200876	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	715538	106.53	ng	0.02
7) Phenol-d6	6.50	99	849752	102.56	ng	0.01
23) Nitrobenzene-d5	7.42	82	506264	76.62	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	142498	99.10	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	922456	87.63	ng	0.00
78) Terphenyl-d14	12.96	244	572729	72.59	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	96325	30.02	ng	95
3) Pyridine	3.48	79	266054	30.65	ng	92
4) n-Nitrosodimethylamine	3.43	42	107039	29.08	ng	81
6) Aniline	6.52	93	220264	19.70	ng	97
8) 2-Chlorophenol	6.65	128	264350	34.75	ng	96
9) Benzaldehyde	6.41	77	90722	18.88	ng	97
10) Phenol	6.51	94	315433	34.04	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	245635	34.10	ng	97
12) 1,3-Dichlorobenzene	6.79	146	283709	35.62	ng	98
13) 1,4-Dichlorobenzene	6.87	146	287228	35.44	ng	97
14) 1,2-Dichlorobenzene	7.03	146	261919	34.97	ng	97
15) Benzyl Alcohol	7.00	79	196764	32.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	340917	30.37	ng	90
17) 2-Methylphenol	7.12	107	213270	34.27	ng	97
18) Hexachloroethane	7.36	117	97920	33.61	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	162135	30.65	ng	93
20) 3+4-Methylphenols	7.27	107	258435	32.82	ng	# 70
22) Acetophenone	7.26	105	339887	33.11	ng	# 97
24) Nitrobenzene	7.44	77	258075	34.43	ng	97
25) Isophorone	7.67	82	468579	34.30	ng	99
26) 2-Nitrophenol	7.76	139	143783	39.89	ng	# 88
27) 2,4-Dimethylphenol	7.79	122	227204	33.38	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	304617	35.78	ng	100
29) 2,4-Dichlorophenol	8.00	162	212509	36.36	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	217721	37.25	ng	99
31) Naphthalene	8.16	128	726915	36.53	ng	100
32) Benzoic acid	7.92	122	99263	17.75	ng	95
33) 4-Chloroaniline	8.21	127	75723	9.11	ng	97
34) Hexachlorobutadiene	8.27	225	108312	35.98	ng	98
35) Caprolactam	8.59	113	66280	35.36	ng	# 81
36) 4-Chloro-3-methylphenol	8.70	107	212941	32.42	ng	97
37) 2-Methylnaphthalene	8.85	142	494186	38.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	193837	36.99	ng	98
40) Hexachlorocyclopentadiene	9.00	237	76784	32.06	ng	96

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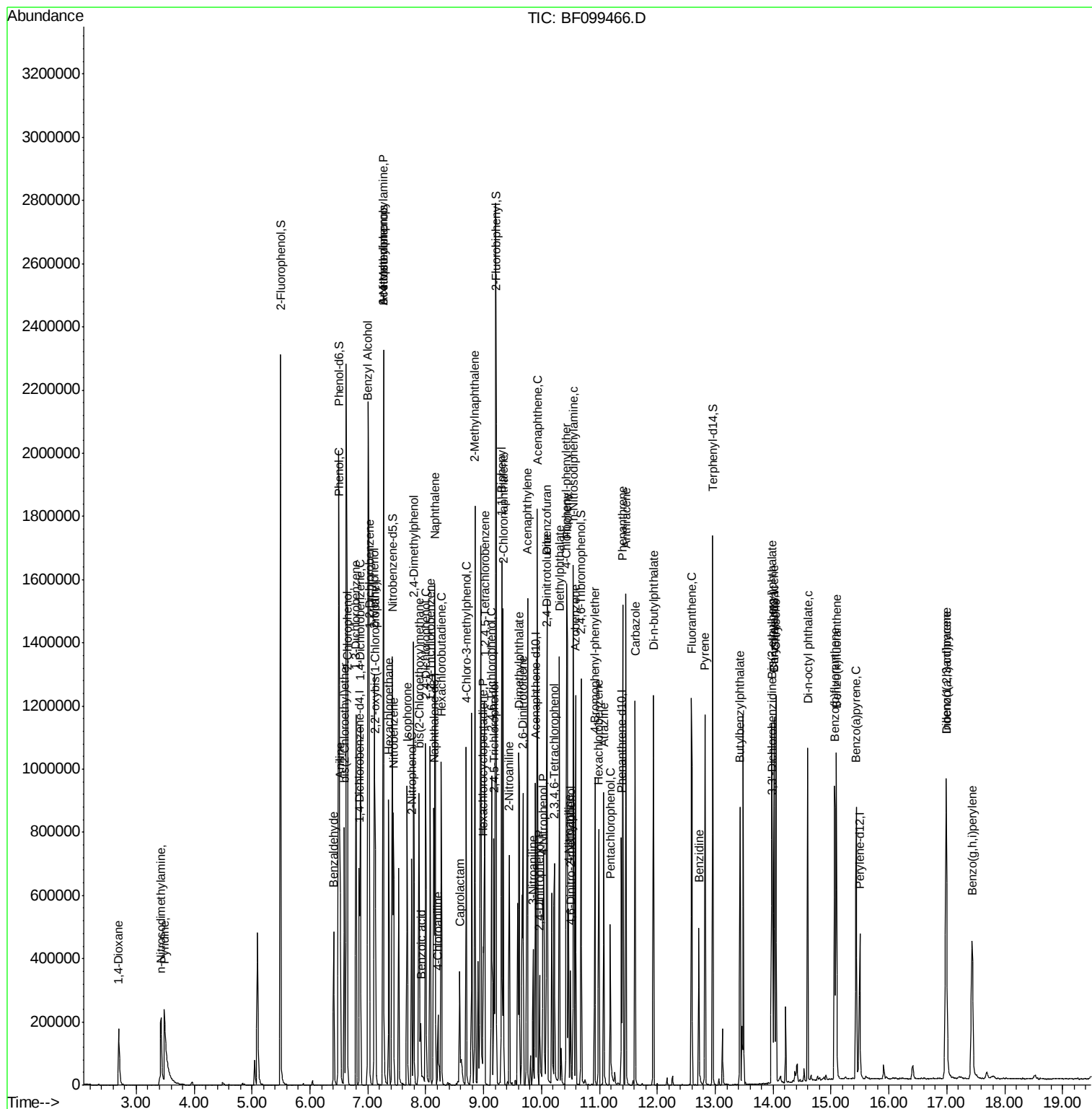
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42) 2,4,6-Trichlorophenol	9.13	196	128092	34.50	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	133148	35.93	nq	# 91
45) 1,1'-Biphenyl	9.32	154	563101	37.28	nq	97
46) 2-Chloronaphthalene	9.34	162	434498	38.32	nq	98
47) 2-Nitroaniline	9.44	65	121641	35.03	nq	100
48) Acenaphthylene	9.76	152	645518	37.19	nq	99
49) Dimethylphthalate	9.61	163	506599	38.20	nq	99
50) 2,6-Dinitrotoluene	9.68	165	109470	37.91	nq	93
51) Acenaphthene	9.93	154	375591	34.16	nq	99
52) 3-Nitroaniline	9.85	138	68090	20.22	nq	93
53) 2,4-Dinitrophenol	9.97	184	54593	39.50	nq	# 89
54) Dibenzofuran	10.10	168	555094	37.91	nq	99
55) 4-Nitrophenol	10.02	139	103646	36.41	nq	94
56) 2,4-Dinitrotoluene	10.09	165	132574	35.38	nq	# 97
57) Fluorene	10.44	166	426146	36.21	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	88008	34.38	nq	97
59) Diethylphthalate	10.31	149	466732	36.01	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	195840	37.05	nq	99
61) 4-Nitroaniline	10.47	138	100982	31.09	nq	89
62) Azobenzene	10.59	77	421556	35.38	nq	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	46196	29.04	nq	88
65) n-Nitrosodiphenylamine	10.55	169	375344	41.44	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	106287	41.53	nq	93
67) Hexachlorobenzene	10.99	284	103233	37.77	nq	91
68) Atrazine	11.08	200	109301	40.11	nq	97
69) Pentachlorophenol	11.19	266	66424	39.04	nq	98
70) Phenanthrene	11.40	178	537049	38.37	nq	99
71) Anthracene	11.46	178	552160	38.56	nq	99
72) Carbazole	11.62	167	482133	34.38	nq	99
73) Di-n-butylphthalate	11.93	149	634246	37.57	nq	98
74) Fluoranthene	12.59	202	481371	33.97	nq	99
76) Benzidine	12.72	184	195659	29.48	nq	98
77) Pyrene	12.83	202	486410	35.55	nq	98
79) Butylbenzylphthalate	13.43	149	217877	33.88	nq	90
80) Benzo(a)anthracene	14.01	228	409586	37.70	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	104005	26.11	nq	97
82) Chrysene	14.05	228	390673	37.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	302667	34.19	nq	# 98
84) Di-n-octyl phthalate	14.60	149	525823	36.88	nq	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	437324	52.85	nq	97
87) Benzo(b)fluoranthene	15.06	252	441688	35.76	nq	# 95
88) Benzo(k)fluoranthene	15.09	252	412972	33.85	nq	98
89) Benzo(a)pyrene	15.44	252	429159	37.85	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	365802	40.32	nq	97
91) Benzo(g,h,i)perylene	17.44	276	355421	39.63	nq	97

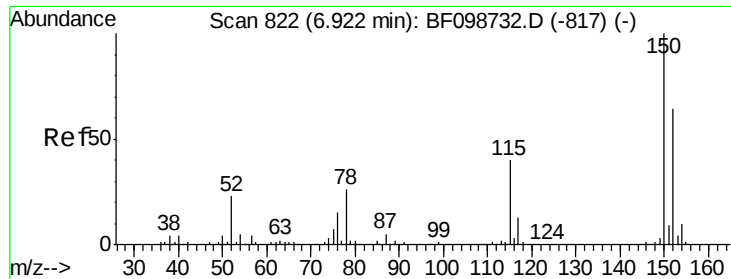
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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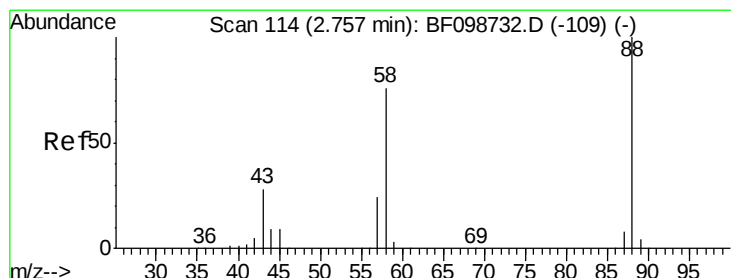
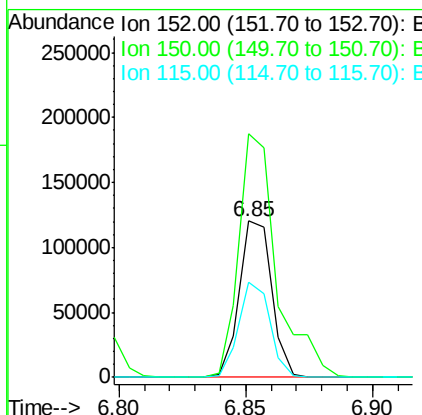
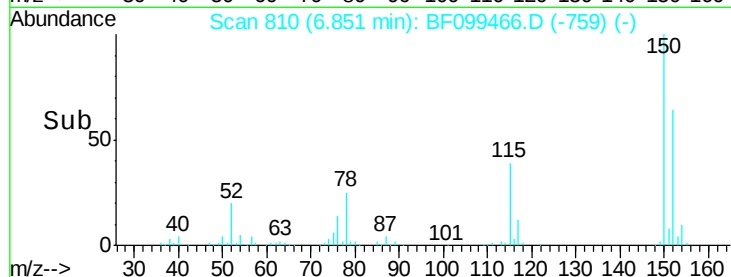
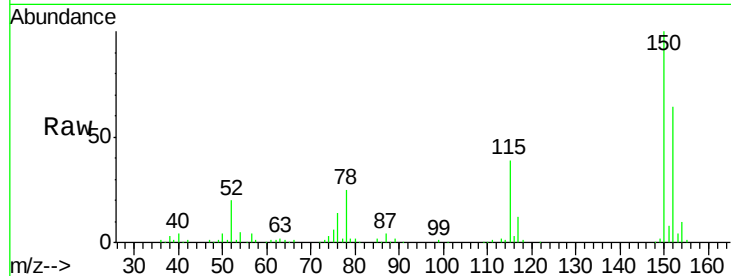


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampleId :

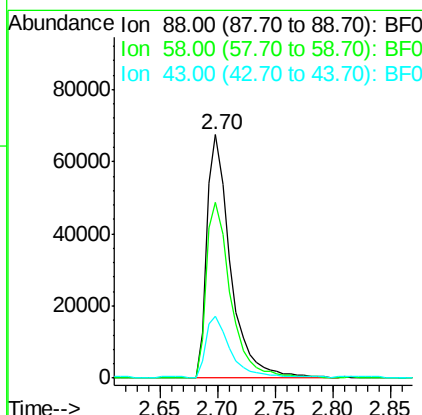
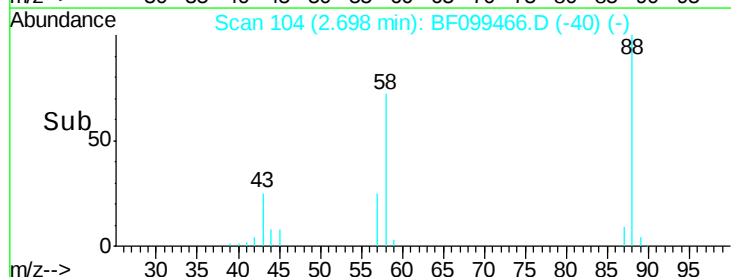
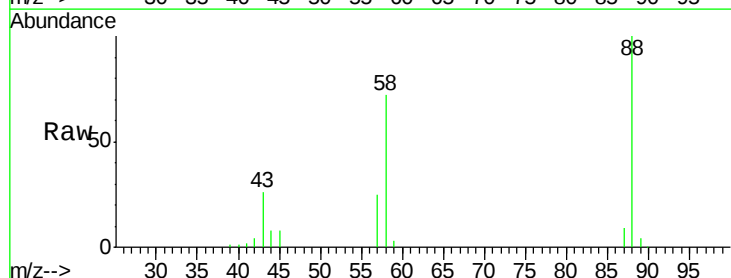
Tot Ion:152 Resp: 106921
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 61.0 50.1 75.1

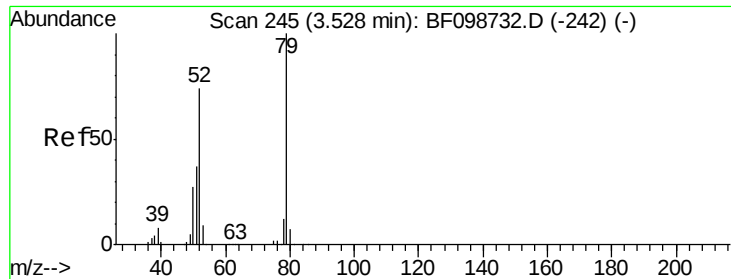


#2

1,4-Dioxane
Concen: 30.02 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion: 88 Resp: 96325
Ion Ratio Lower Upper
88 100
58 74.6 62.6 93.8
43 26.5 24.6 37.0

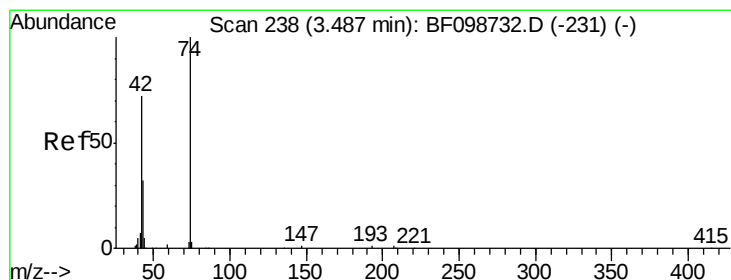
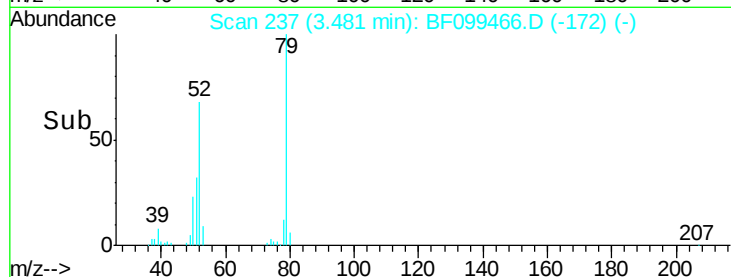
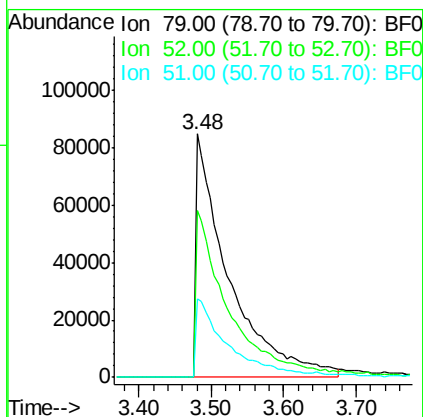
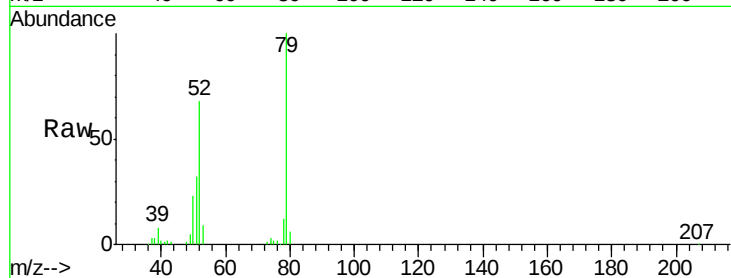




#3
 Pvridine
 Concen: 30.65 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.08 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

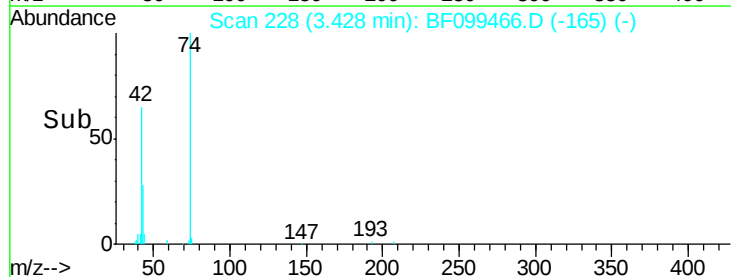
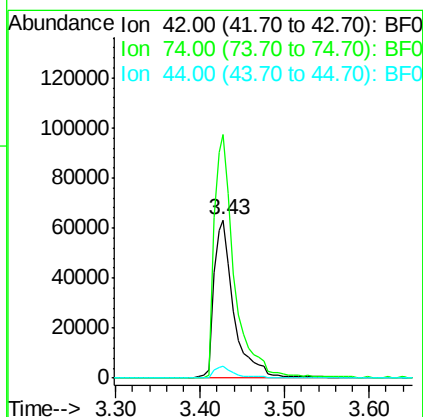
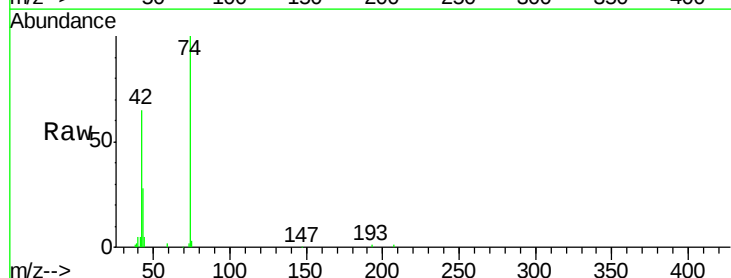
Instrument :
 BNA_F
 ClientSampleId :

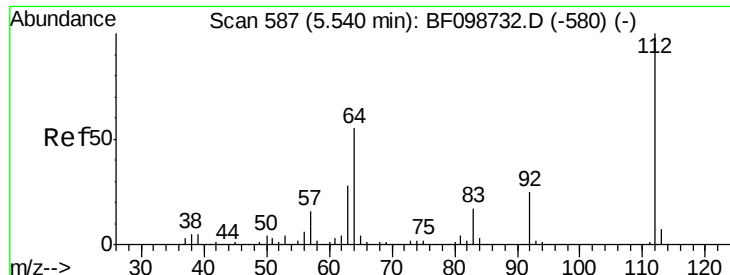
Tot Ion: 79 Resp: 266054
 Ion Ratio Lower Upper
 79 100
 52 68.4 59.8 89.6
 51 32.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 29.08 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.07 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion: 42 Resp: 107039
 Ion Ratio Lower Upper
 42 100
 74 153.9 104.9 157.3
 44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 106.53 ng

RT: 5.49 min Scan# 579

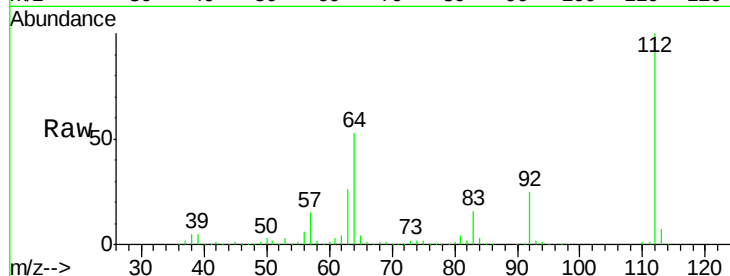
Delta R.T. 0.02 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampled :

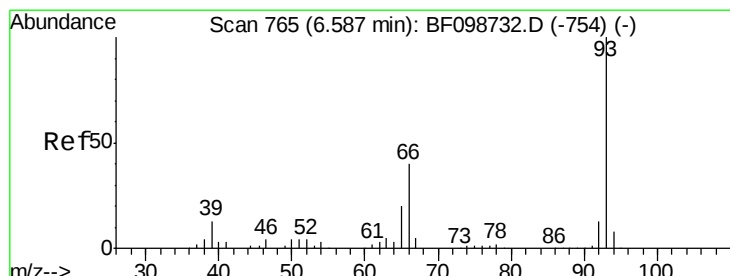
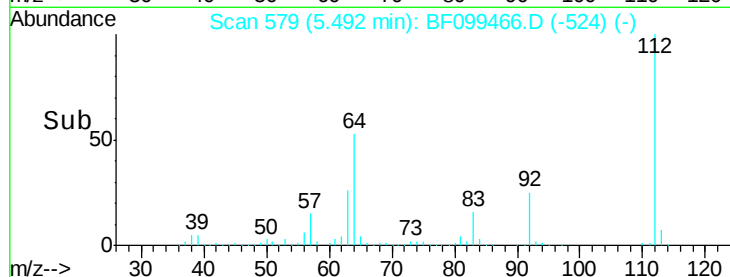
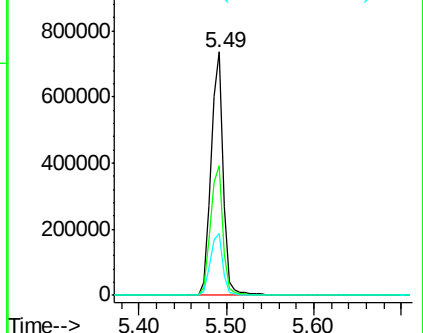
Tot Ion:	112	Resp:	71538
Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.9	71.9
63	25.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.70 ng

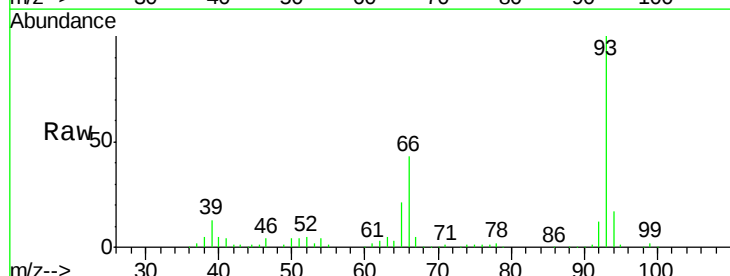
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

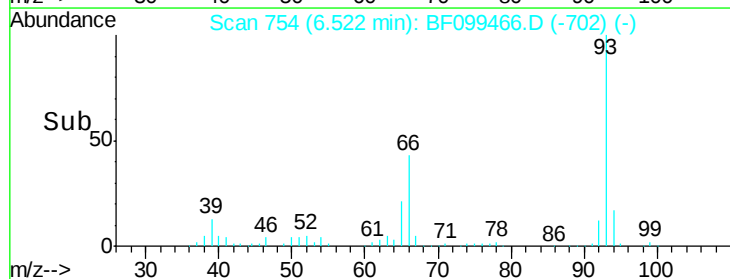
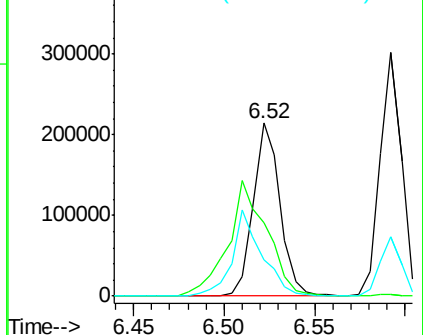
Tgt Ion:	93	Resp:	220264
Ion	Ratio	Lower	Upper
93	100		
66	42.7	32.2	48.2
65	21.2	16.4	24.6

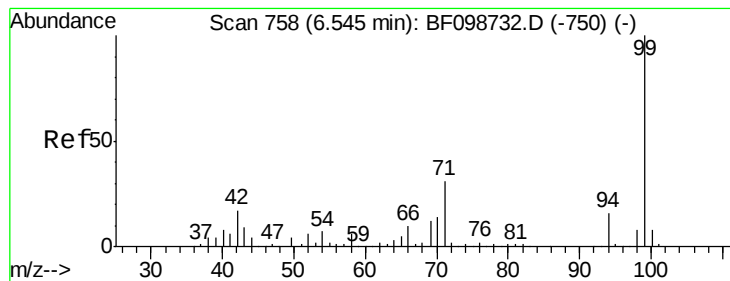


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.56 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampled :

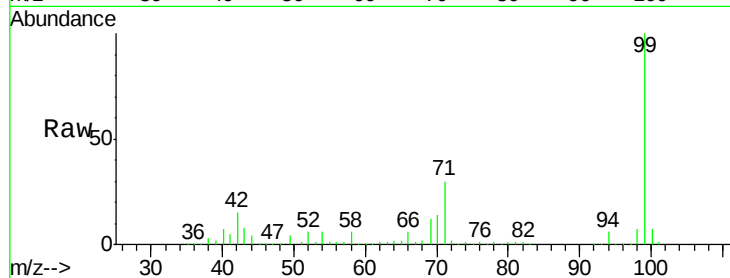
Tot Ion: 99 Resp: 849752

Ion Ratio Lower Upper

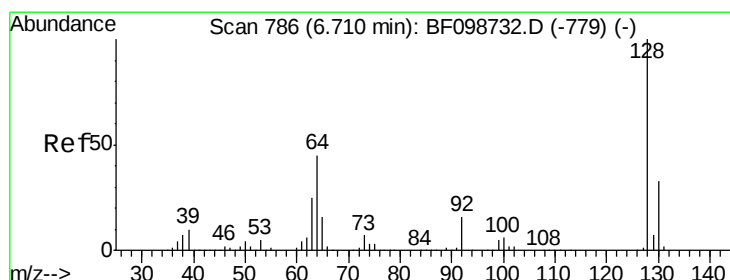
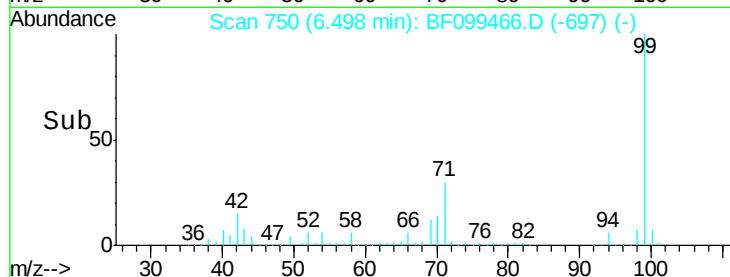
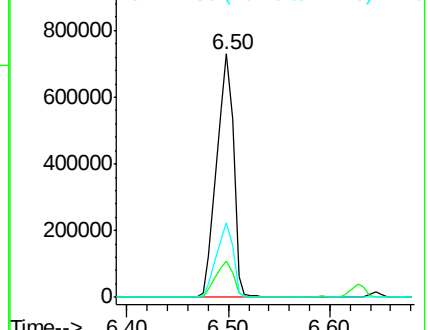
99 100

42 15.2 14.5 21.7

71 30.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.75 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

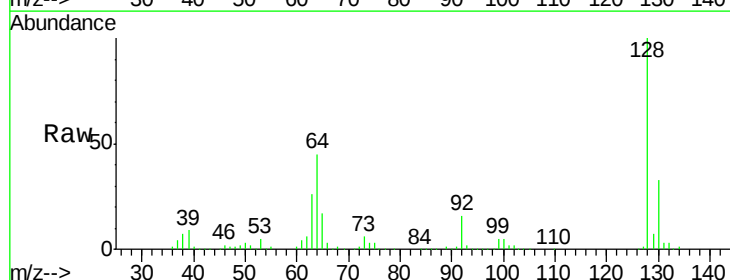
Tgt Ion: 128 Resp: 264350

Ion Ratio Lower Upper

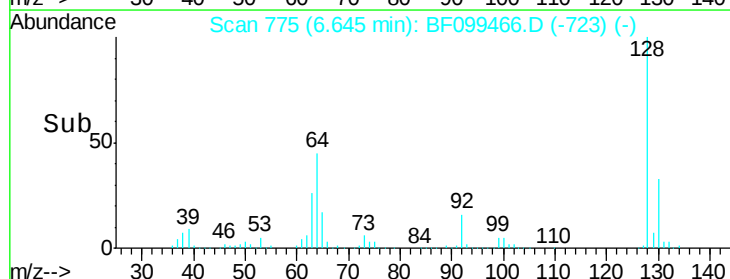
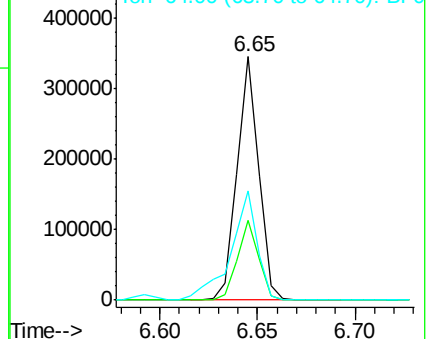
128 100

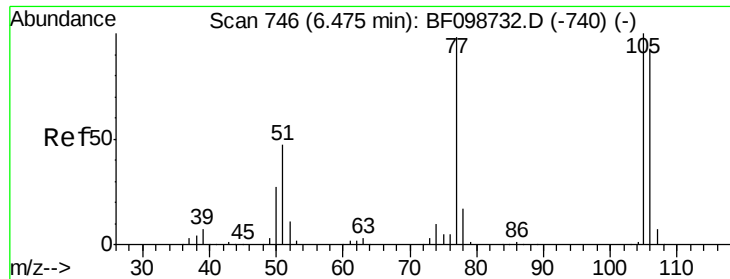
130 32.8 13.0 53.0

64 44.7 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: 18.88 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampled :

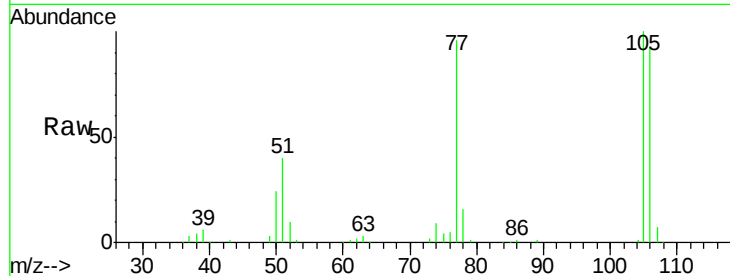
Tot Ion: 77 Resp: 90722

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

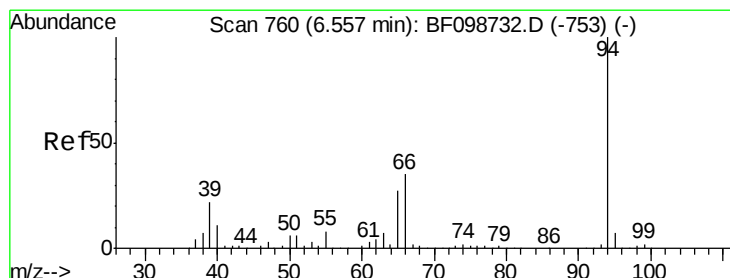
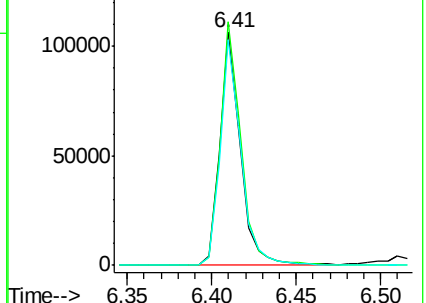
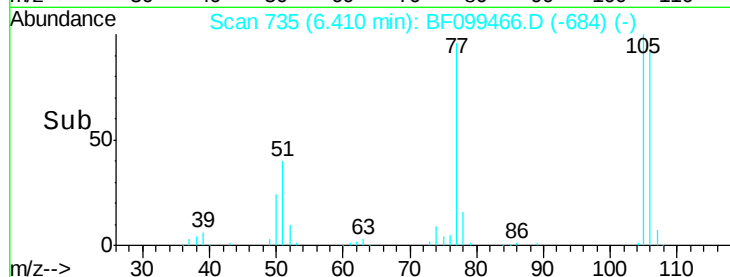
106 96.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.04 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

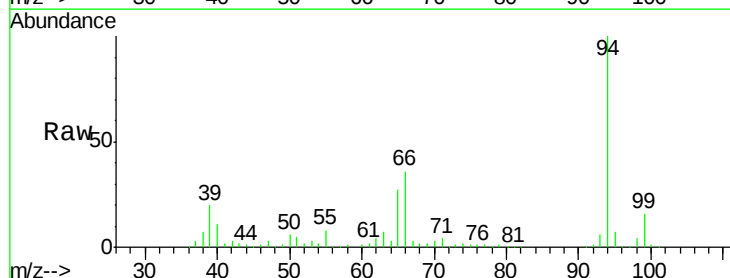
Tgt Ion: 94 Resp: 315433

Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

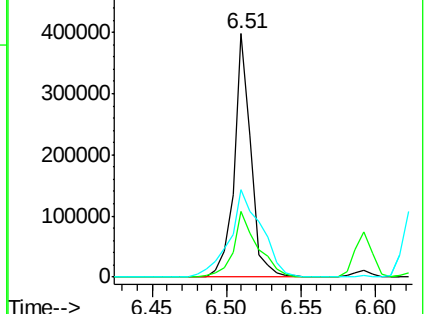
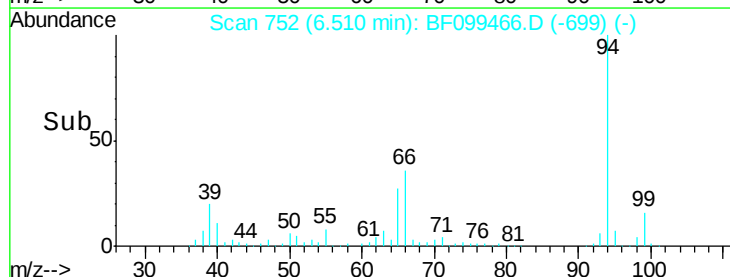
66 36.1 16.2 56.2

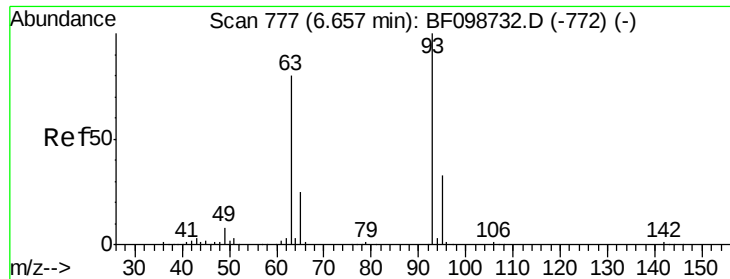


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

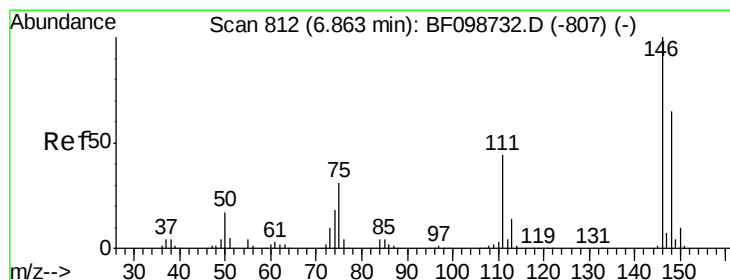
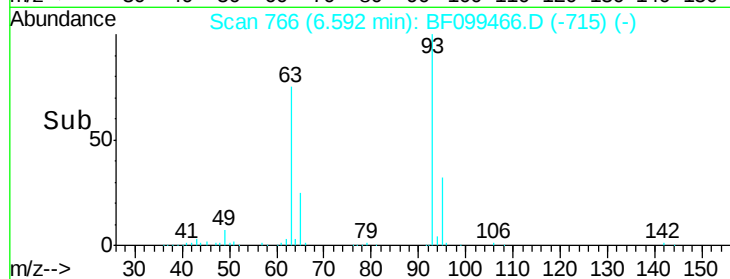
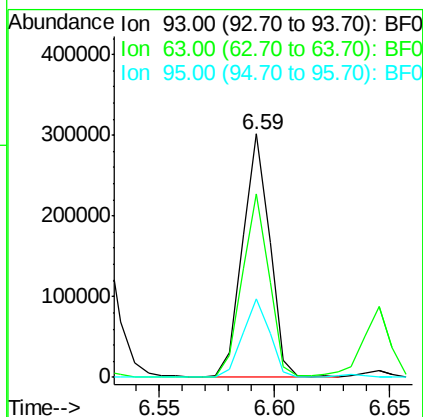
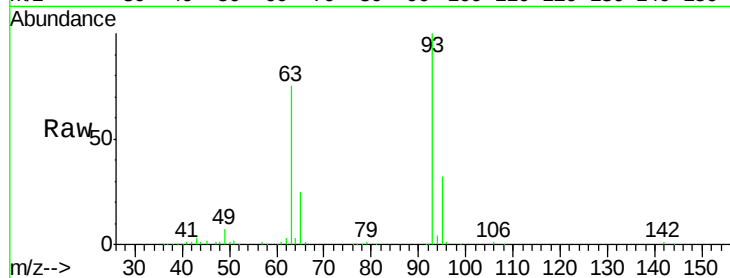




#11
 bis(2-Chloroethyl)ether
 Concen: 34.10 ng
 RT: 6.59 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

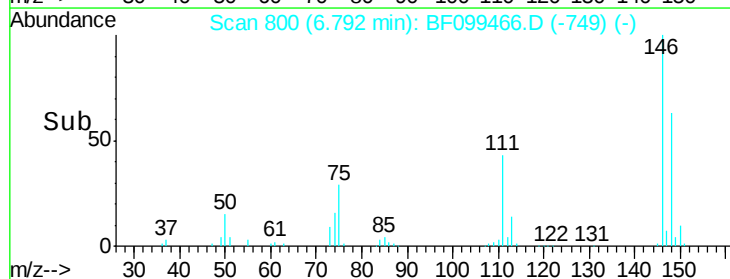
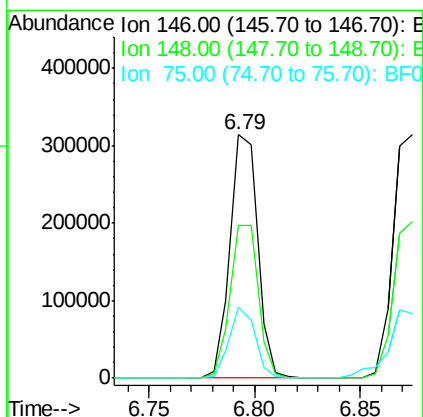
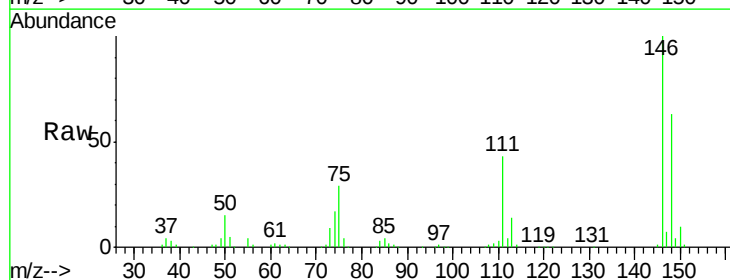
Instrument :
 BNA_F
 ClientSampleId :

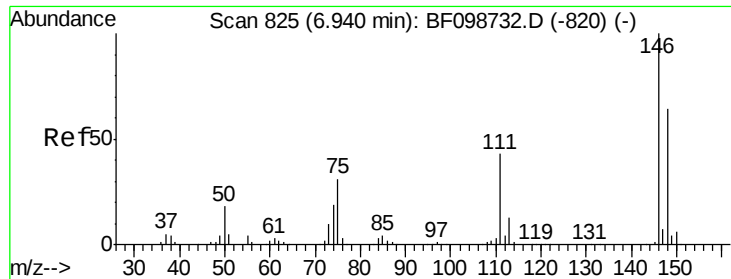
Tot Ion	93	Resp	245635
Ion Ratio	Lower	Upper	
93	100		
63	75.2	58.6	98.6
95	32.4	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 35.62 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion	146	Resp	283709
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.8
75	29.1	24.2	36.4

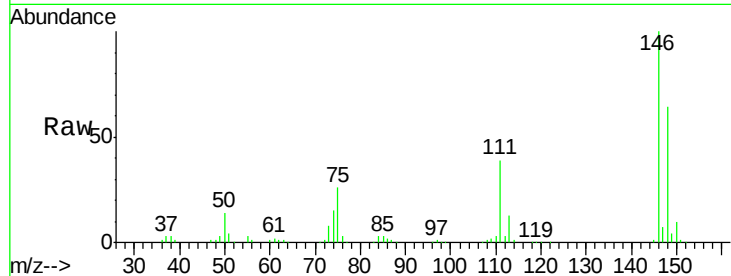




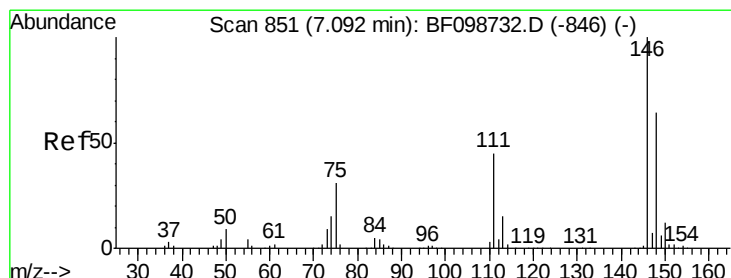
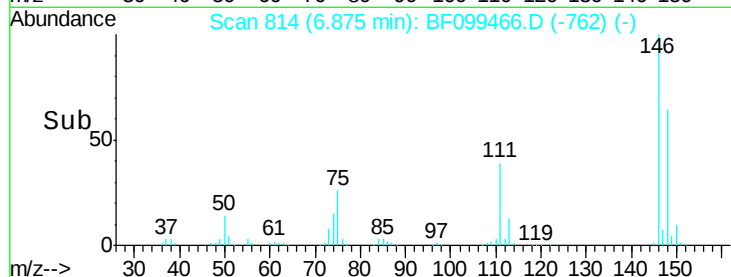
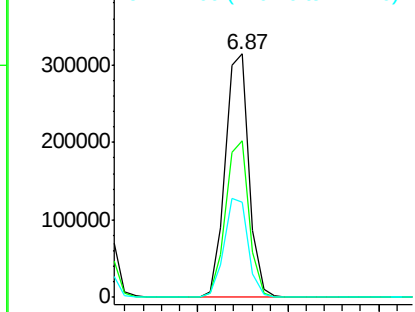
#13
 1,4-Dichlorobenzene
 Concen: 35.44 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 287228
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 39.3 34.2 51.2

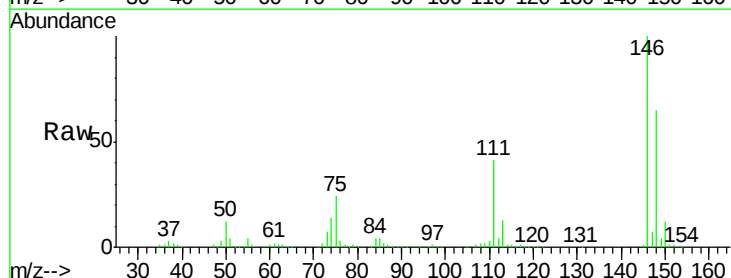


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

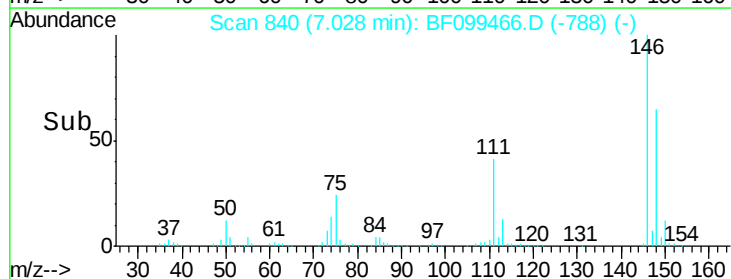
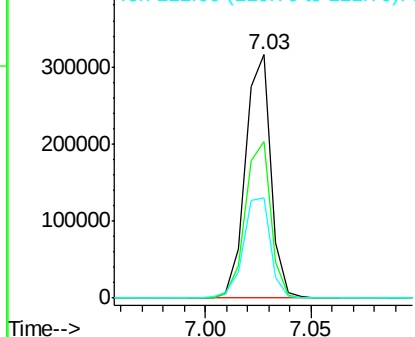


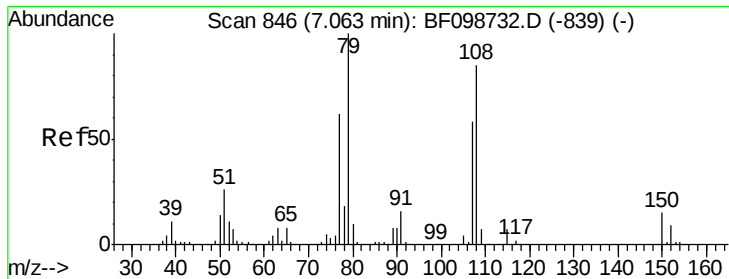
#14
 1,2-Dichlorobenzene
 Concen: 34.97 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion:146 Resp: 261919
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 41.3 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: 32.37 ng

RT: 7.00 min Scan# 835

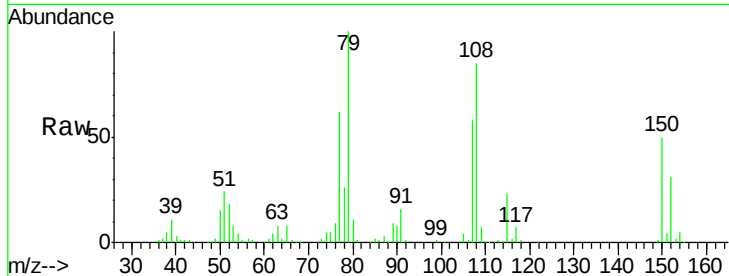
Delta R.T. -0.00 min

Lab File: BF099466.D

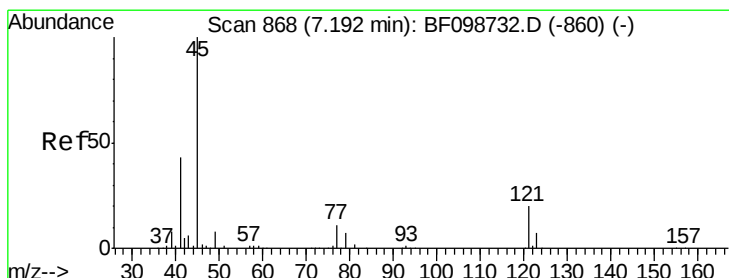
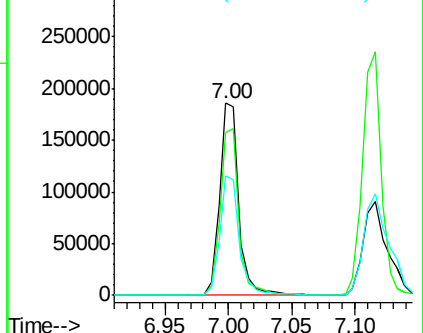
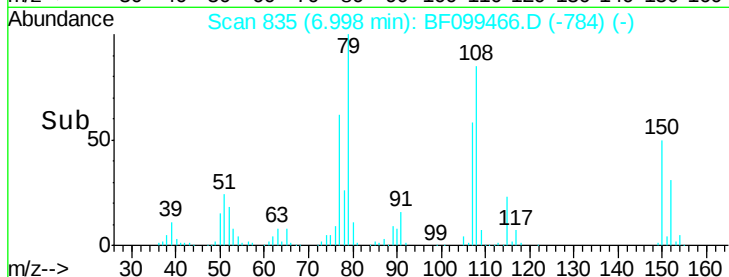
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	196764
Ion	Ratio	Lower	Upper
79	100		
108	85.0	65.1	97.7
77	62.3	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: 30.37 ng

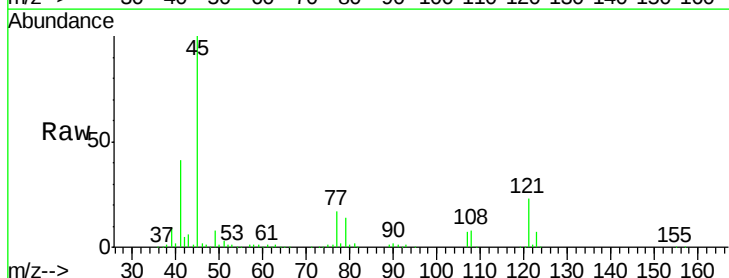
RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

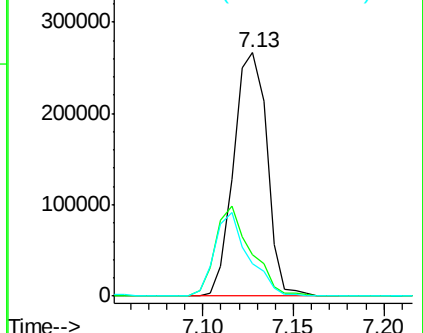
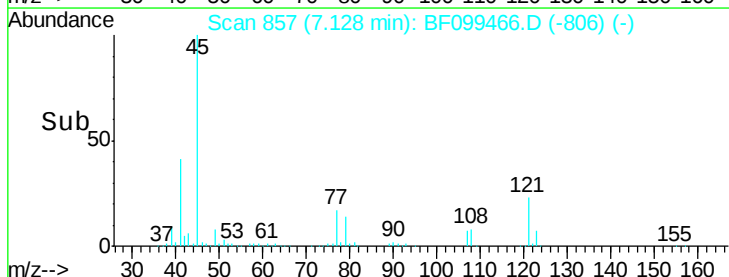
Lab File: BF099466.D

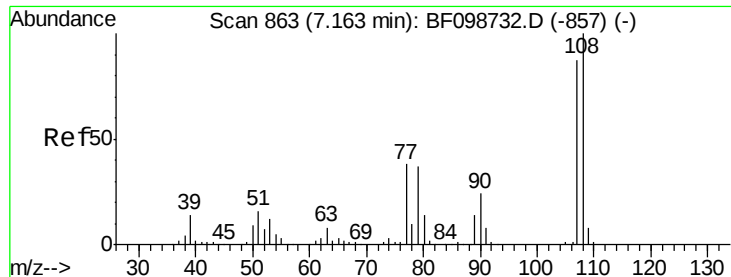
Acq: 14 Oct 2017 4:09

Tgt Ion:	45	Resp:	340917
Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	32.9
79	13.5	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: 34.27 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 213270

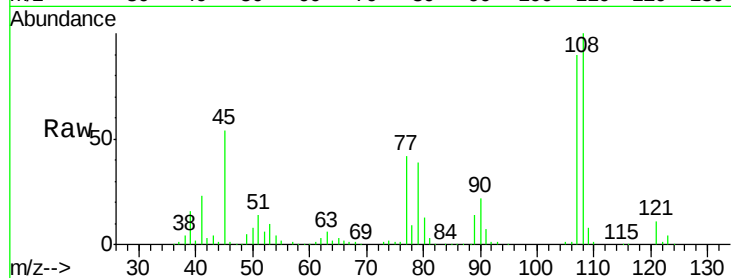
Ion Ratio Lower Upper

107 100

108 111.0 91.7 137.5

77 46.2 33.8 50.8

79 43.1 33.8 50.8

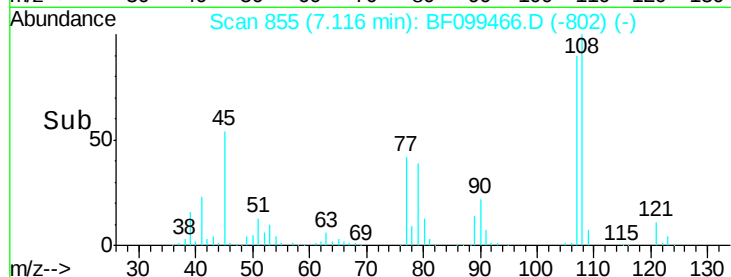


Abundance Ion 107.00 (106.70 to 107.70): E

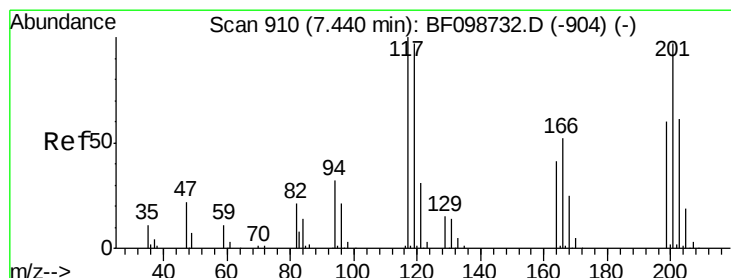
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 33.61 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

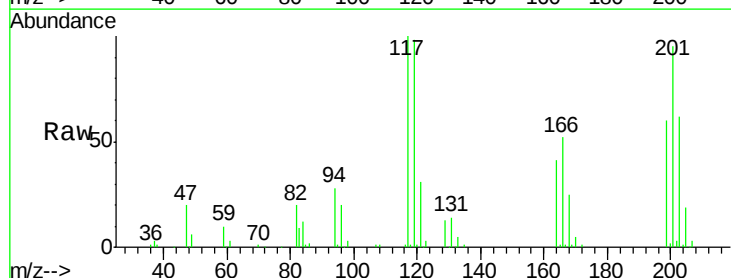
Tgt Ion:117 Resp: 97920

Ion Ratio Lower Upper

117 100

119 97.7 75.8 113.8

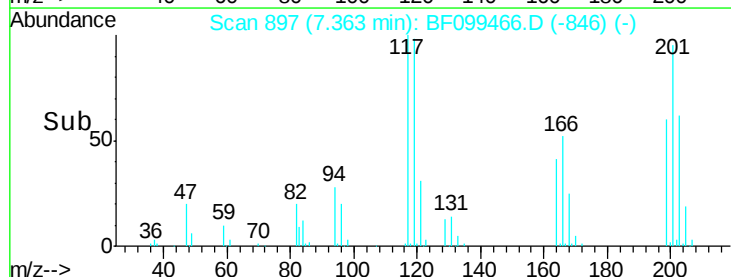
201 95.0 75.7 113.5



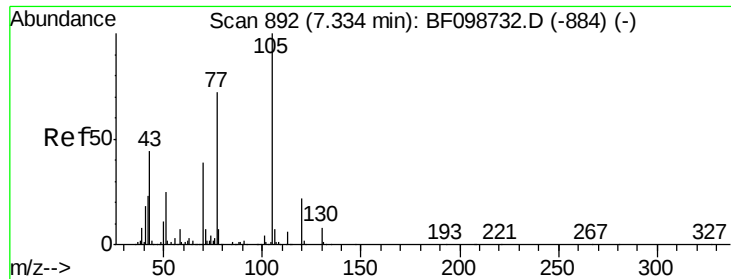
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



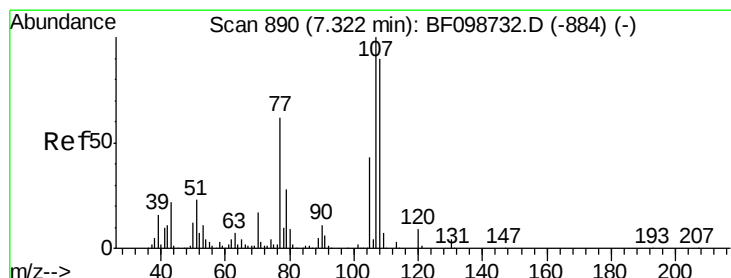
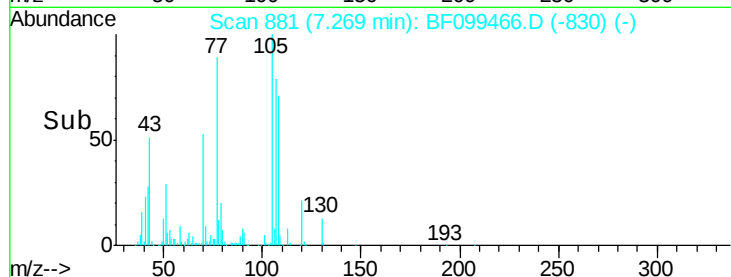
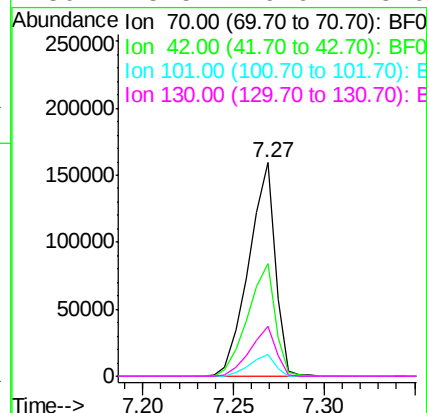
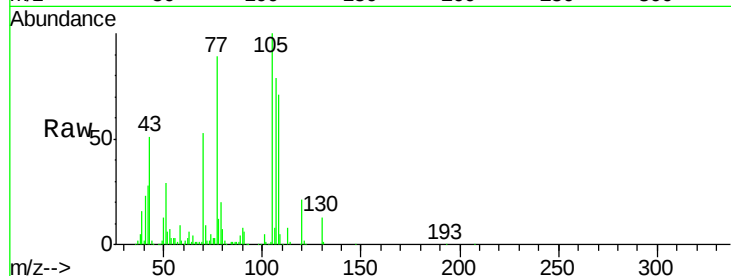
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 30.65 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

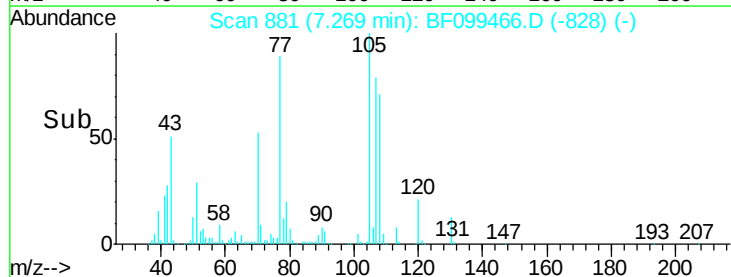
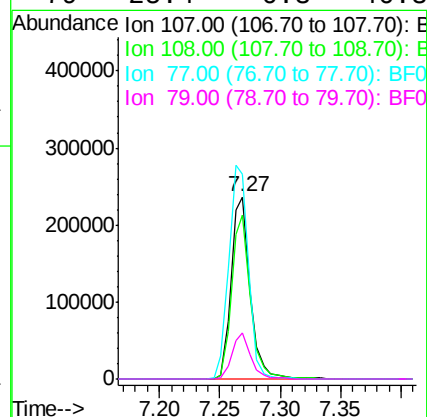
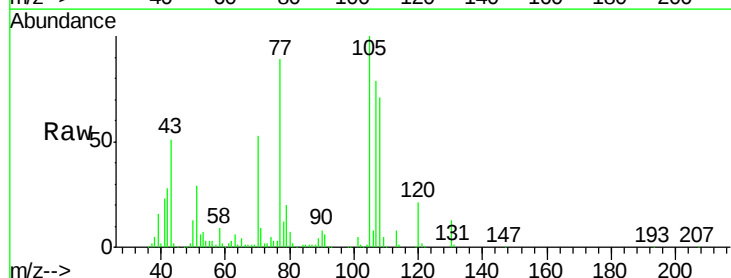
Instrument :
BNA_F
ClientSampled :

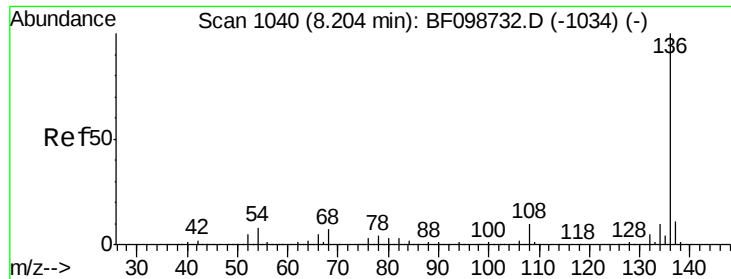
Tot Ion:	70	Resp:	162135
Ion	Ratio	Lower	Upper
70	100		
42	53.0	47.5	71.3
101	10.1	7.4	11.2
130	23.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 32.82 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:	107	Resp:	258435
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	113.0	26.7	66.7#
79	25.4	6.3	46.3

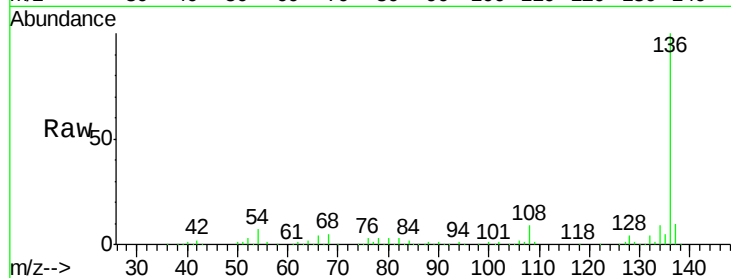




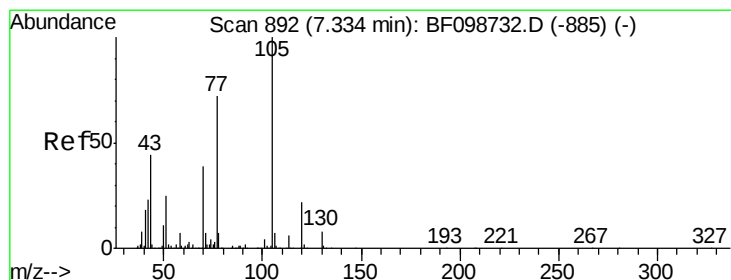
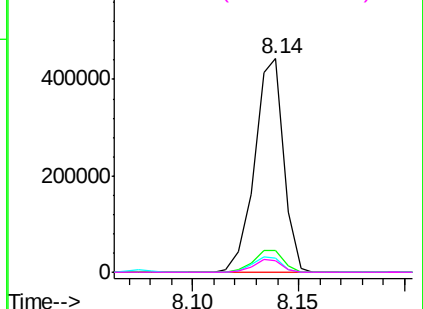
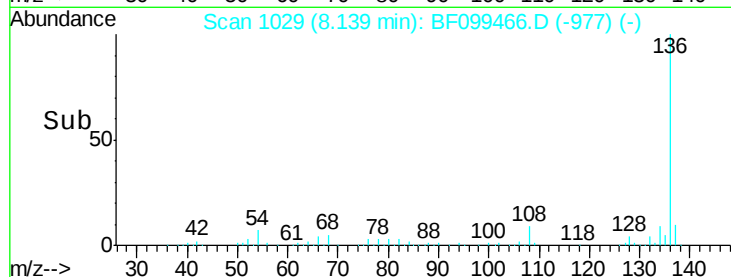
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	423745
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	6.6	6.6 9.8
68	5.5	5.0 7.4

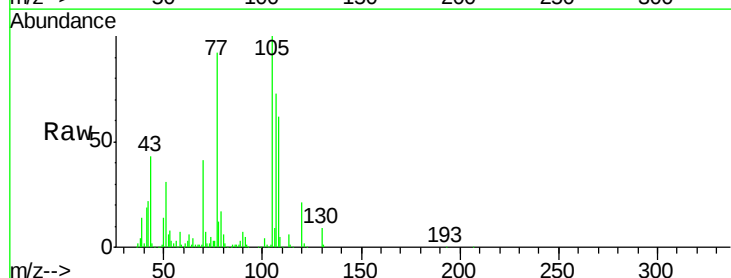


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

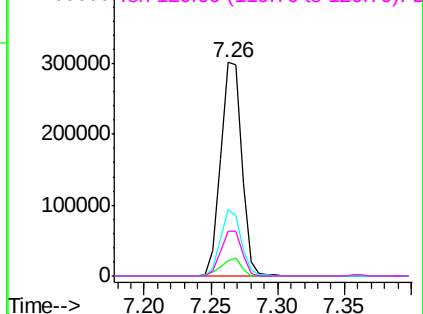
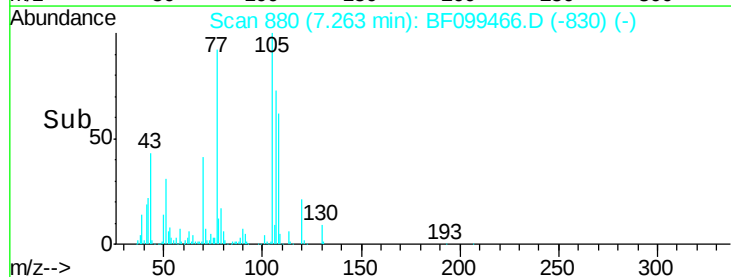


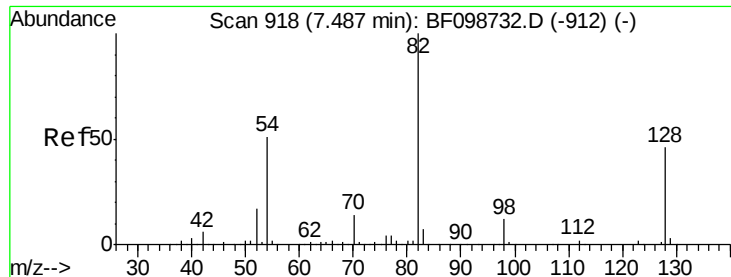
#22
Acetophenone
Concen: 33.11 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:105	Resp:	339887
Ion Ratio	Lower	Upper
105	100	
71	7.0	4.4 6.6#
51	31.0	22.3 33.5
120	21.1	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

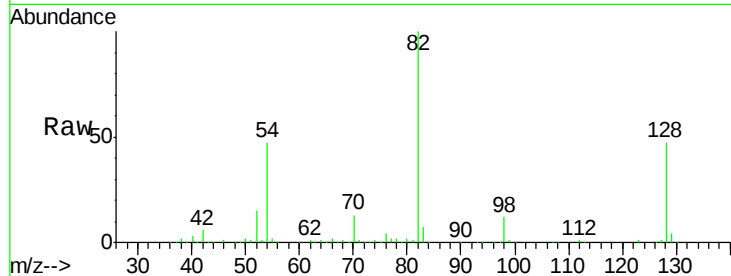




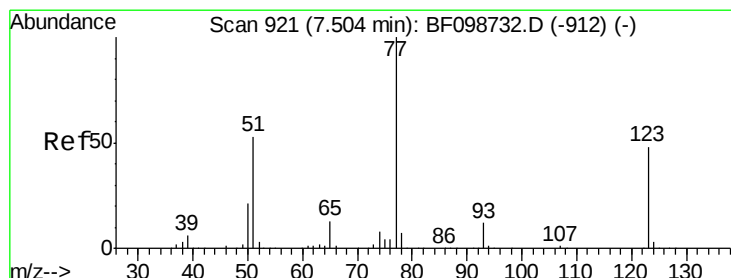
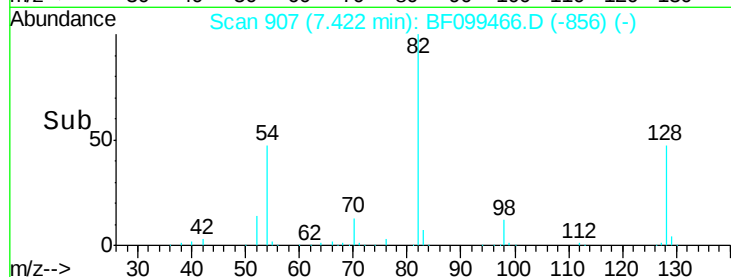
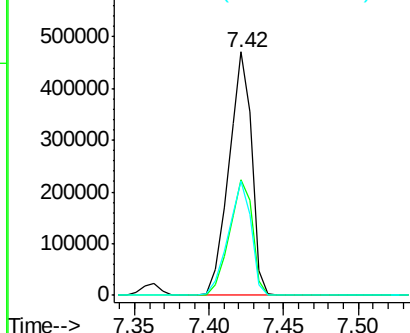
#23
Nitrobenzene-d5
Concen: 76.62 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 506264
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 47.2 41.4 62.2

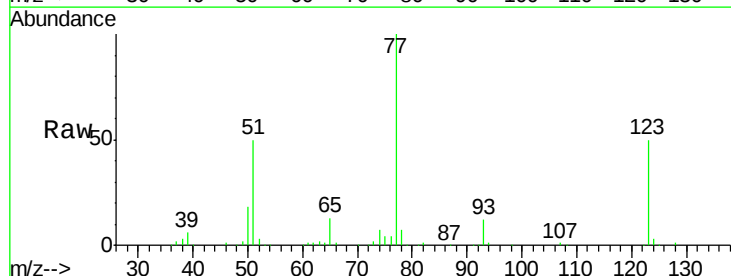


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

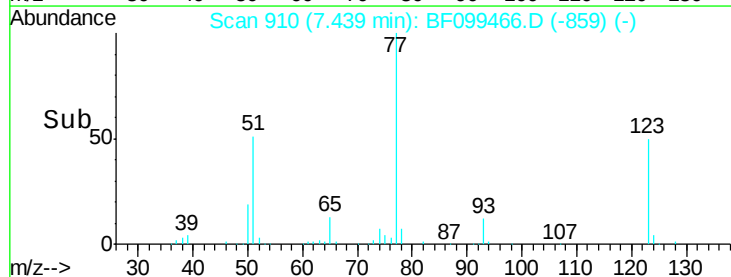
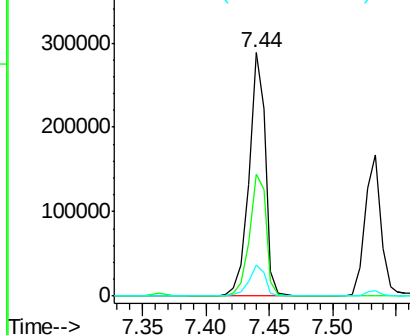


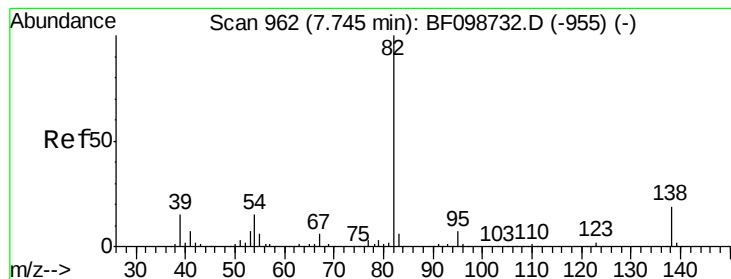
#24
Nitrobenzene
Concen: 34.43 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion: 77 Resp: 258075
Ion Ratio Lower Upper
77 100
123 50.0 37.9 56.9
65 12.9 11.0 16.4



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





#25

Isophorone

Concen: 34.30 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

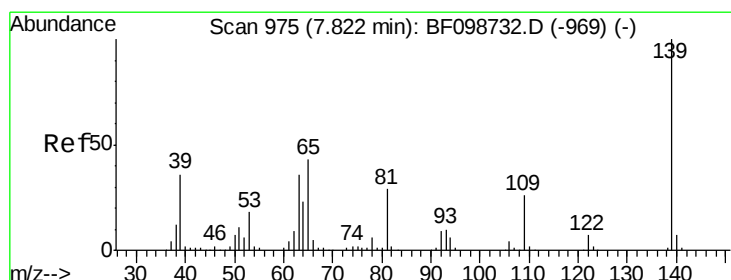
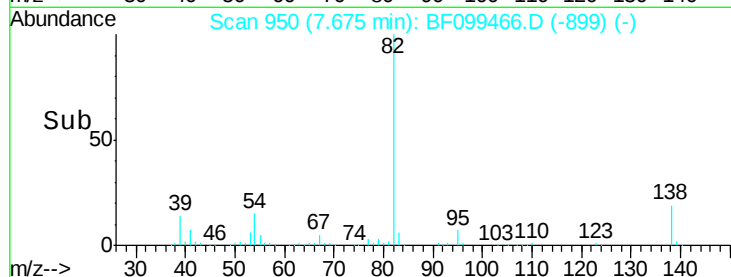
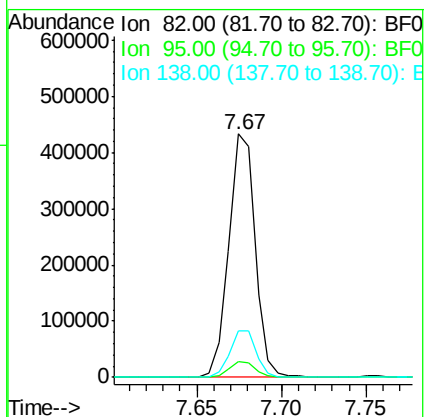
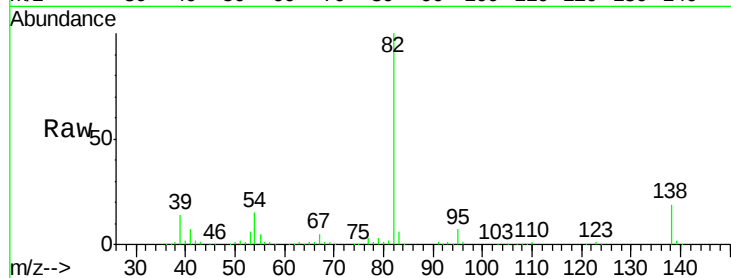
Tot Ion: 82 Resp: 468579

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 39.89 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

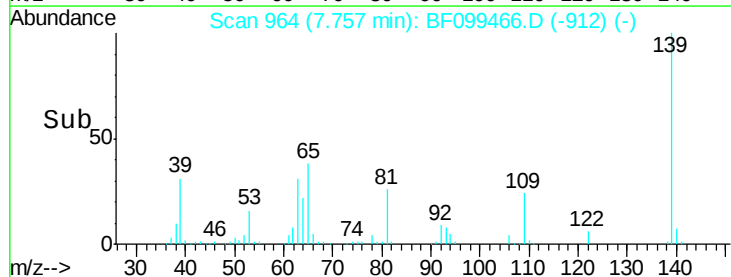
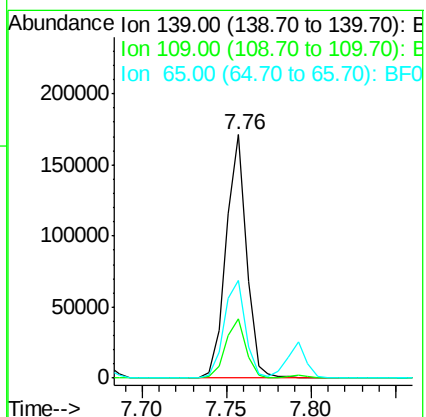
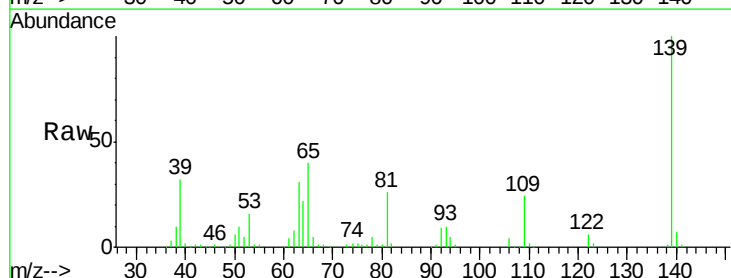
Tgt Ion: 139 Resp: 143783

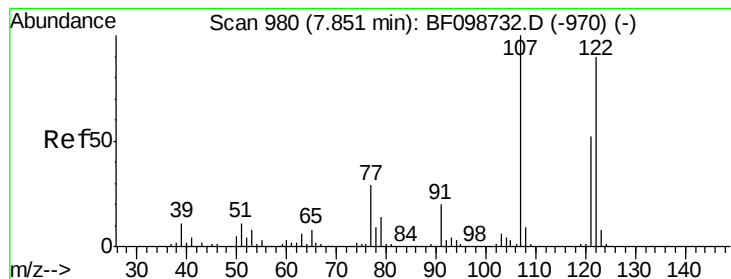
Ion Ratio Lower Upper

139 100

109 24.2 22.7 34.1

65 40.3 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 33.38 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

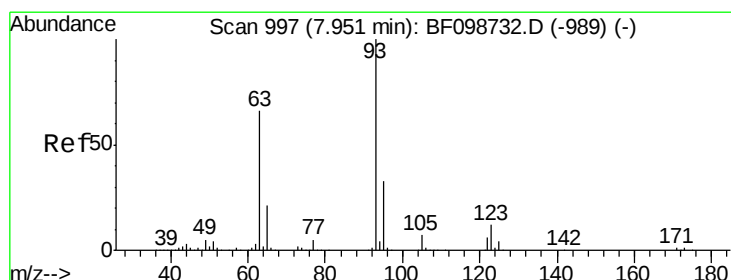
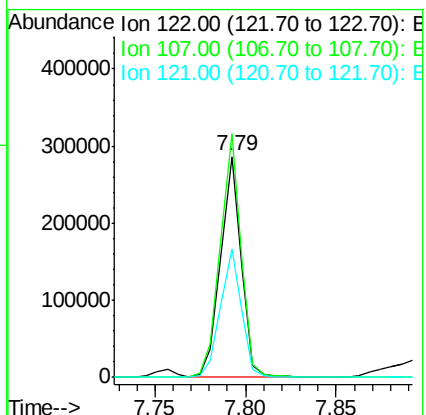
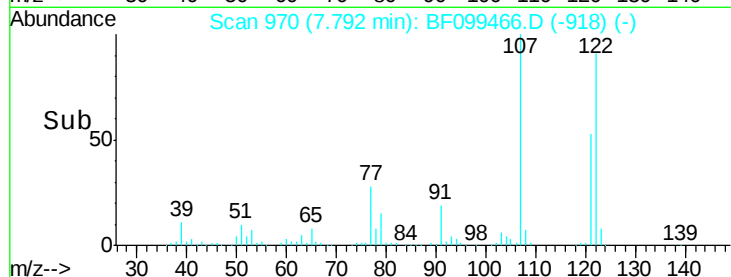
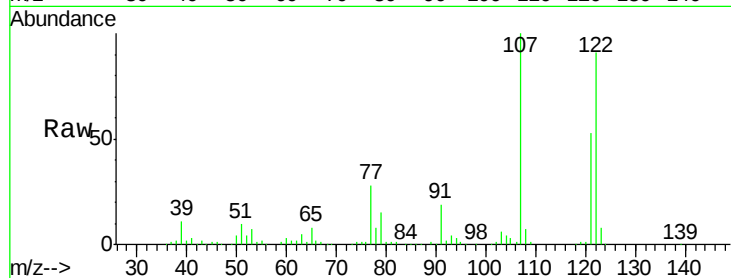
Tot Ion:122 Resp: 227204

Ion Ratio Lower Upper

122 100

107 110.3 91.2 136.8

121 58.1 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 35.78 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

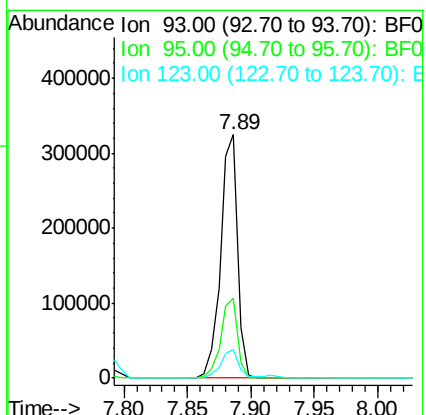
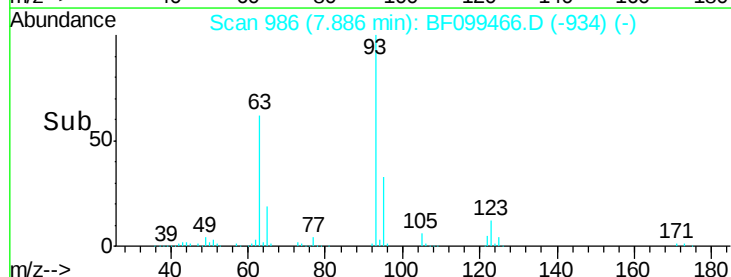
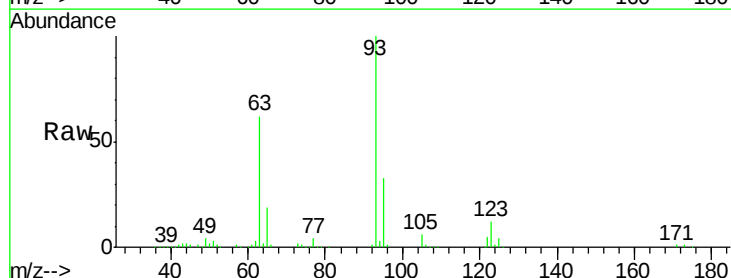
Tgt Ion: 93 Resp: 304617

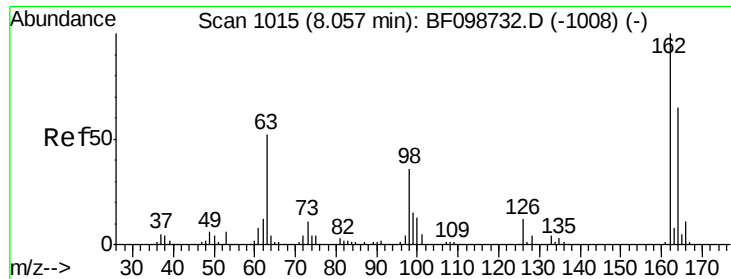
Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

123 11.9 9.8 14.6

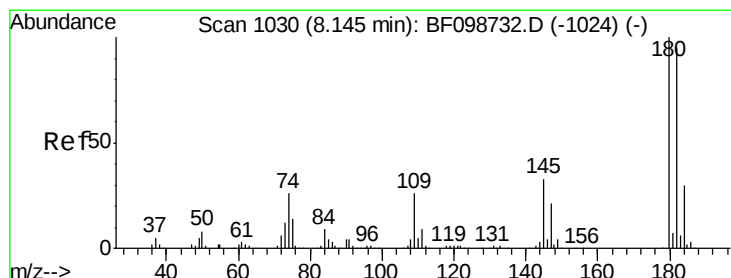
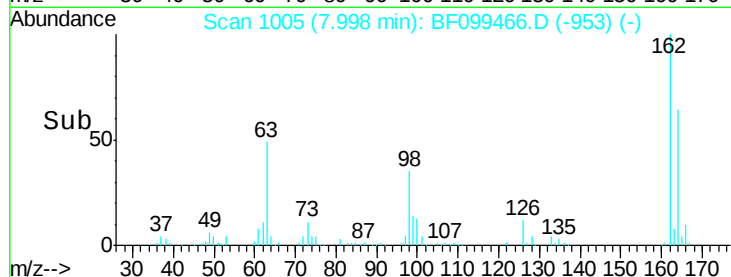
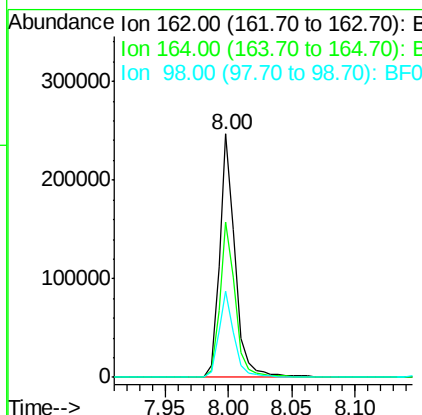
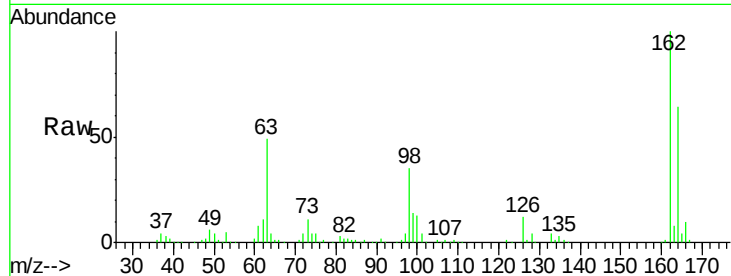




#29
 2,4-Dichlorophenol
 Concen: 36.36 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

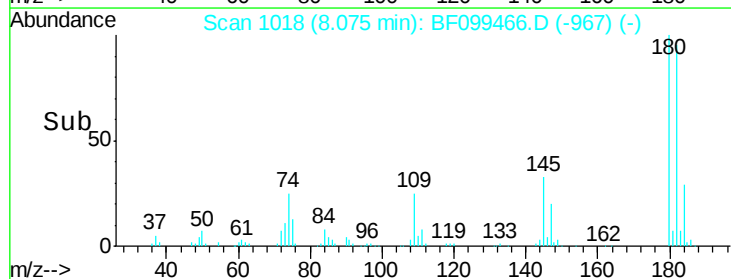
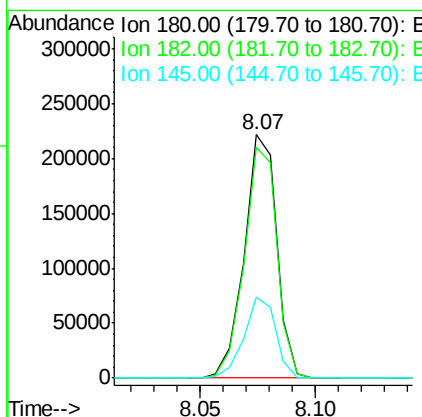
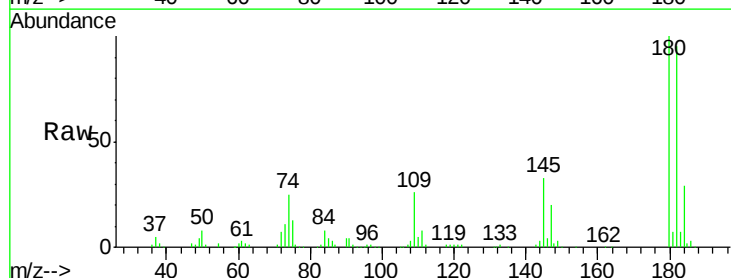
Instrument :
 BNA_F
 ClientSampleId :

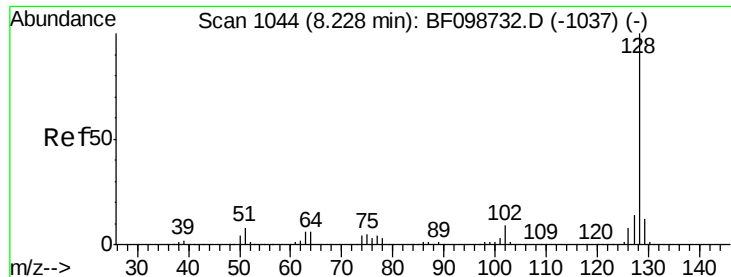
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	35.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.25 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.8	115.2
145	33.1	26.5	39.7

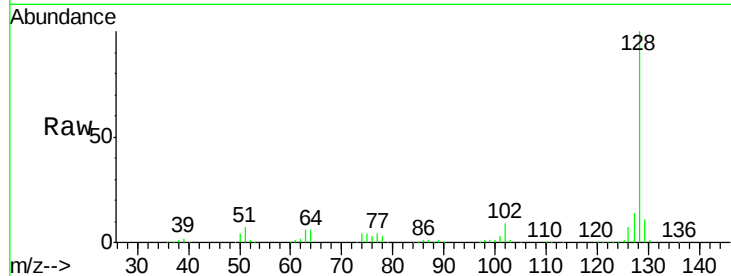




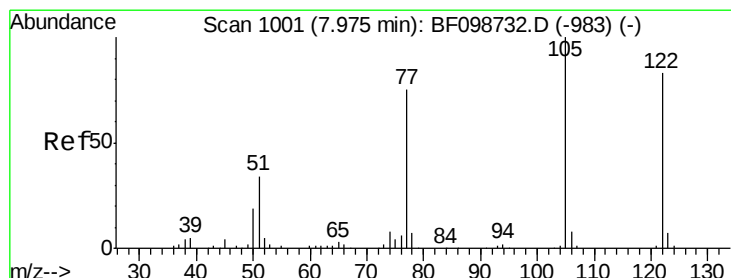
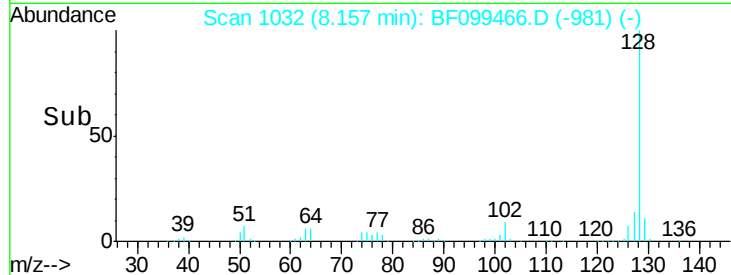
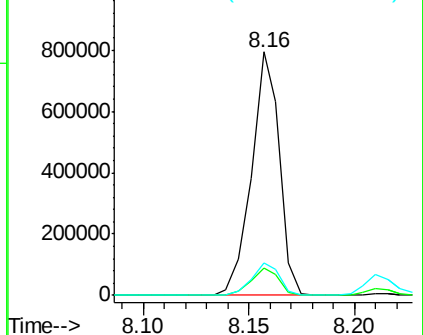
#31
Naphthalene
Concen: 36.53 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 726915
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3

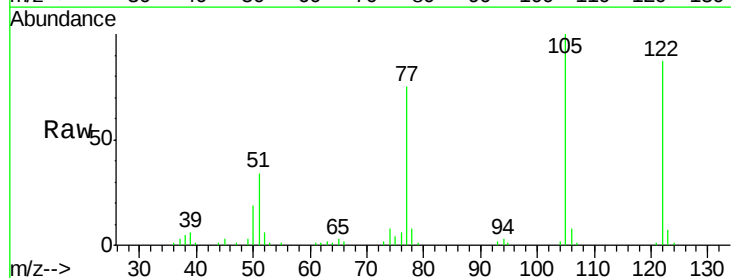


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

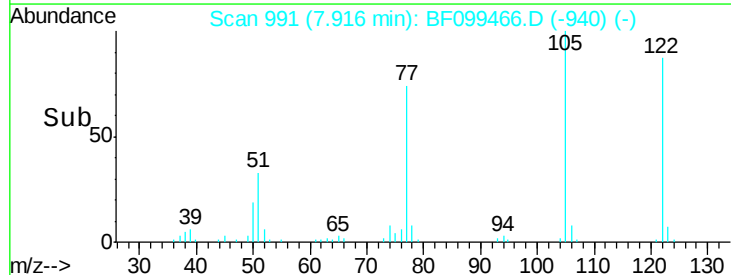
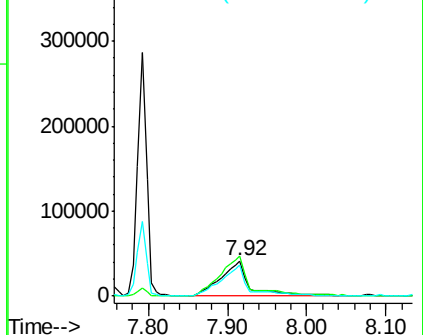


#32
Benzoic acid
Concen: 17.75 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:122 Resp: 99263
Ion Ratio Lower Upper
122 100
105 114.7 101.1 141.1
77 86.4 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

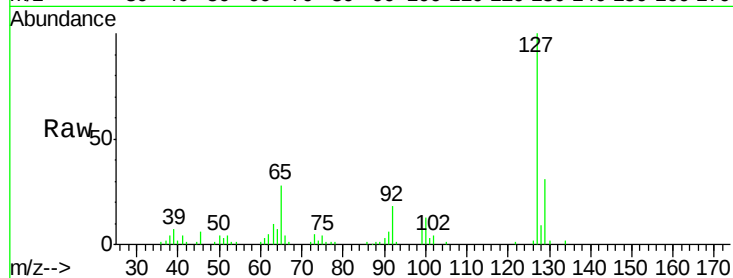




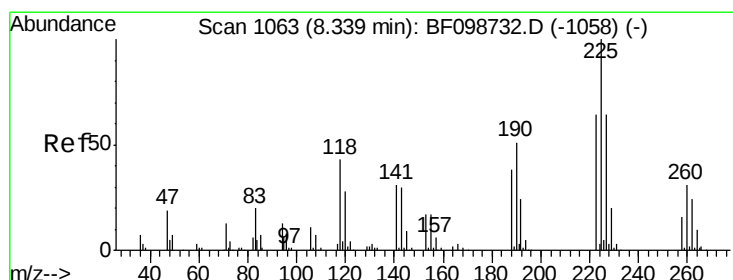
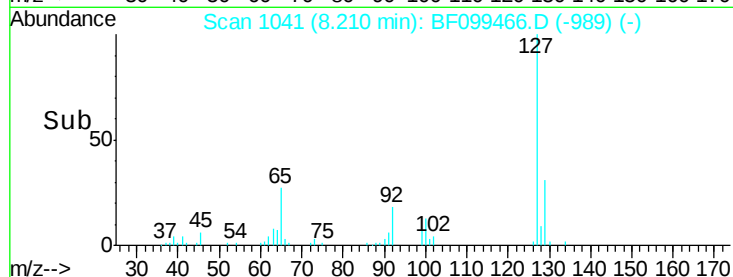
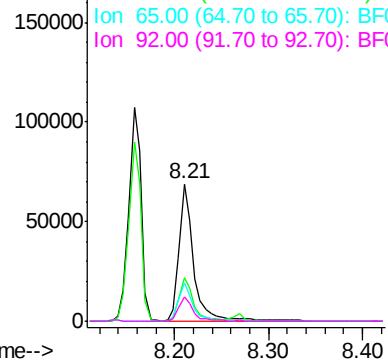
#33
4-Chloroaniline
Concen: 9.11 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	75723
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	28.4	25.0	37.4
92	18.1	15.2	22.8

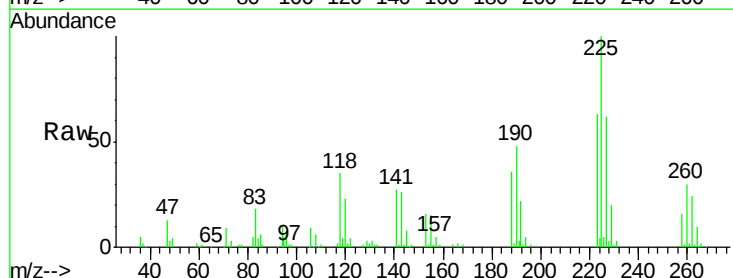


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

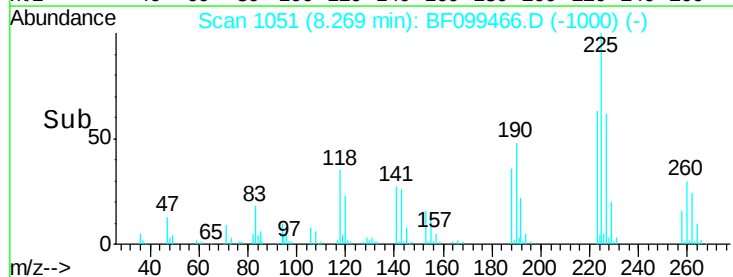
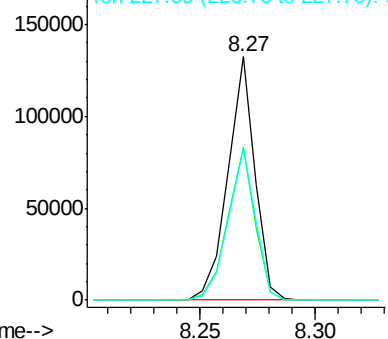


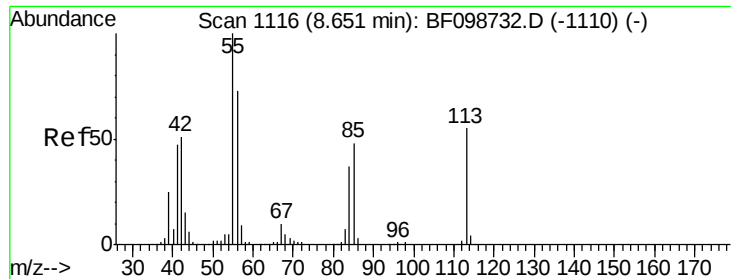
#34
Hexachlorobutadiene
Concen: 35.98 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:	225	Resp:	108312
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.1	51.9	77.9



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

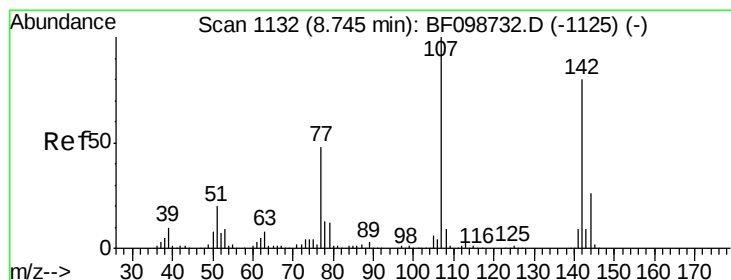
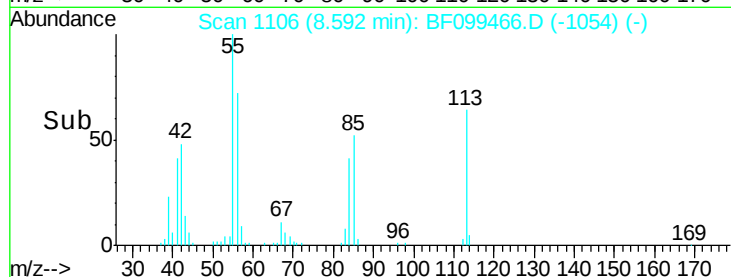
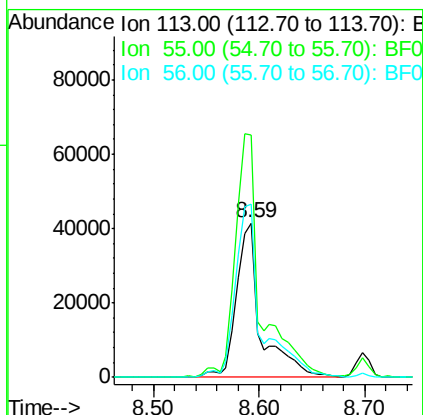
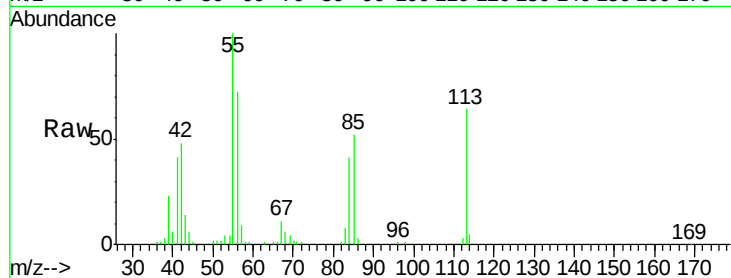




#35
 Caprolactam
 Concen: 35.36 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

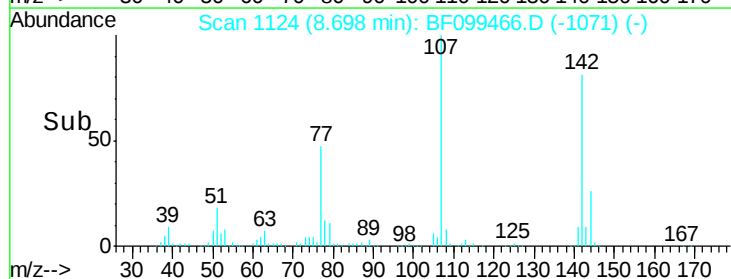
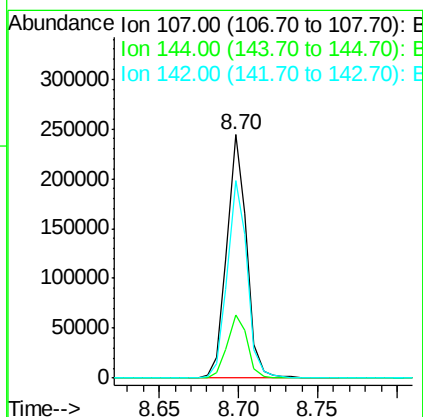
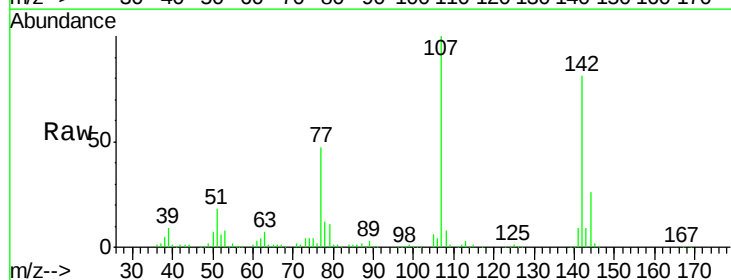
Instrument :
 BNA_F
 ClientSampled :

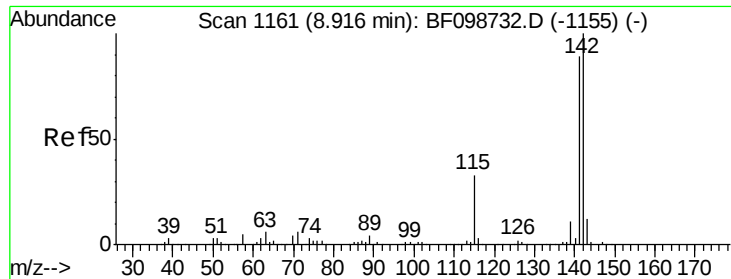
Tot Ion:113 Resp: 66280
 Ion Ratio Lower Upper
 113 100
 55 157.5 163.3 203.3#
 56 112.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 32.42 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion:107 Resp: 212941
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 81.1 62.0 93.0

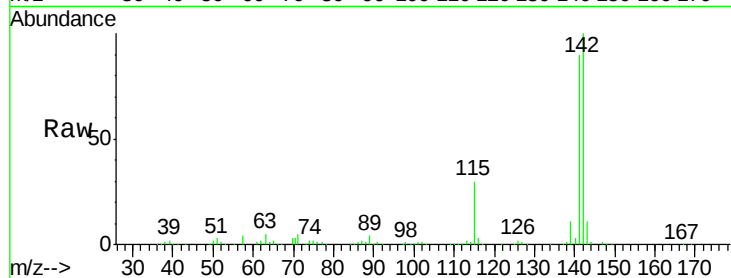




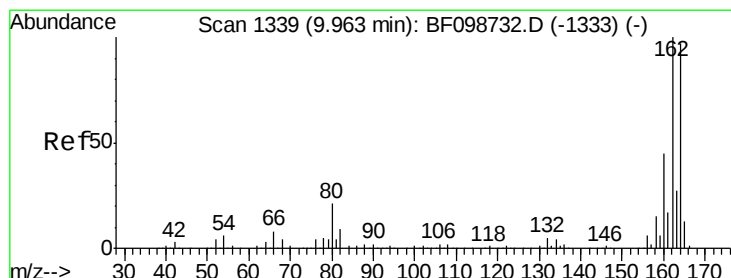
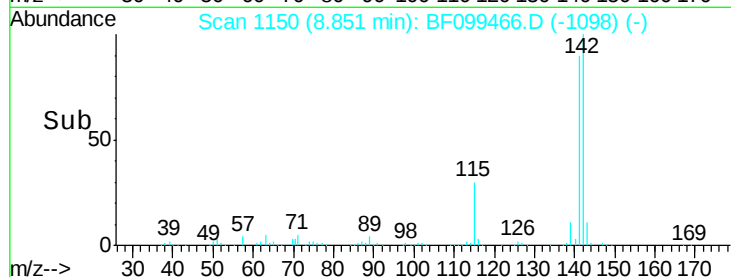
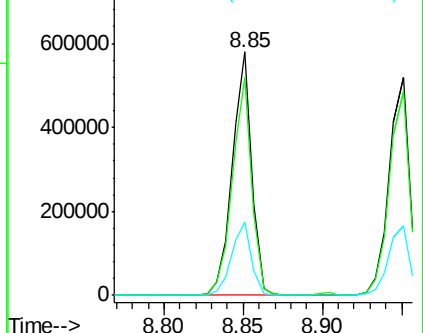
#37
2-Methylnaphthalene
Concen: 38.20 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	30.3	26.1	39.1

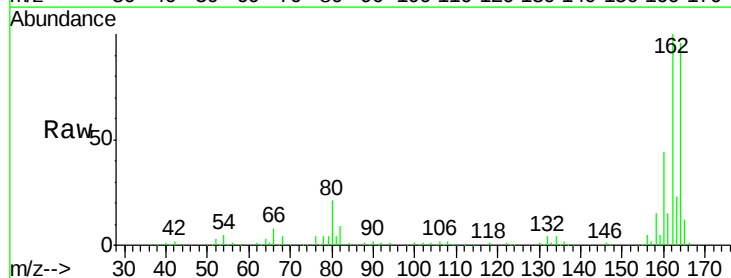


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

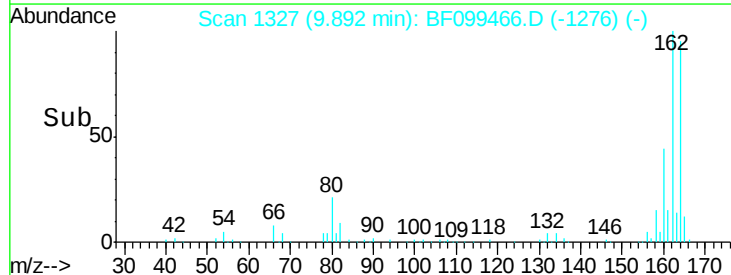
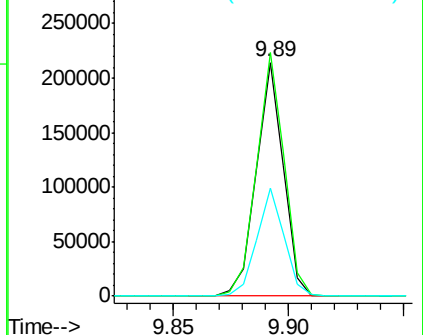


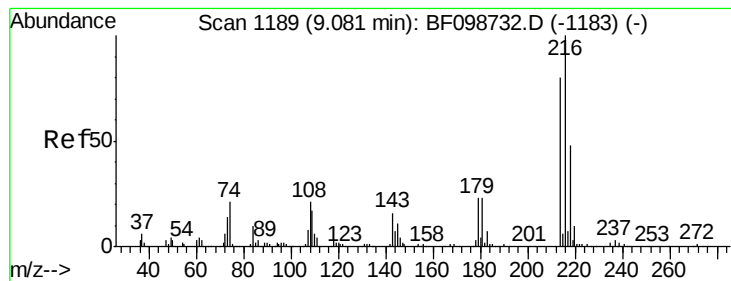
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.99 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF099466.D

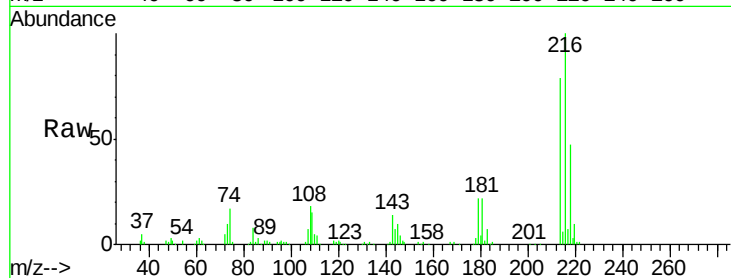
Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	193837
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.0	94.4
179	22.2	18.1	27.1
108	19.9	17.2	25.8

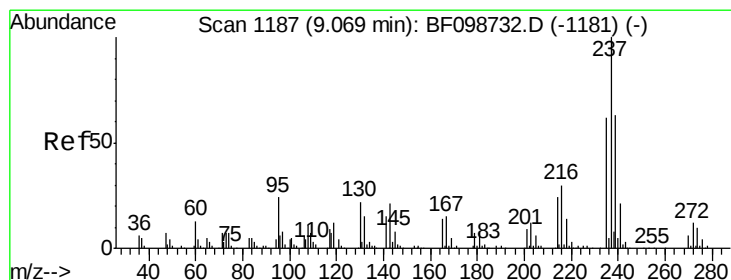
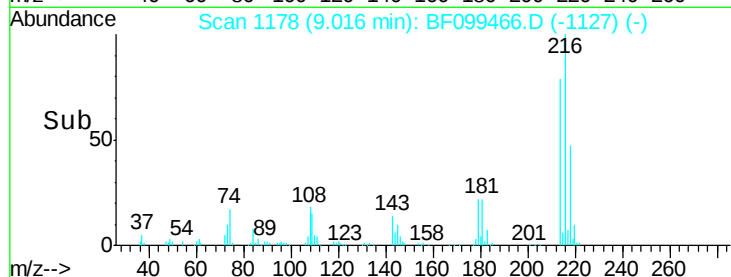
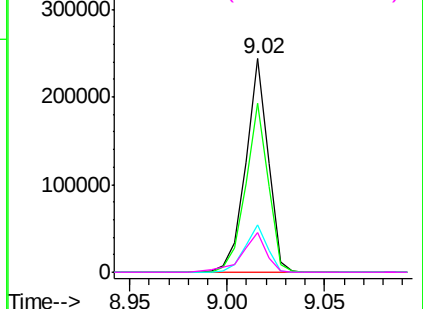


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.06 ng

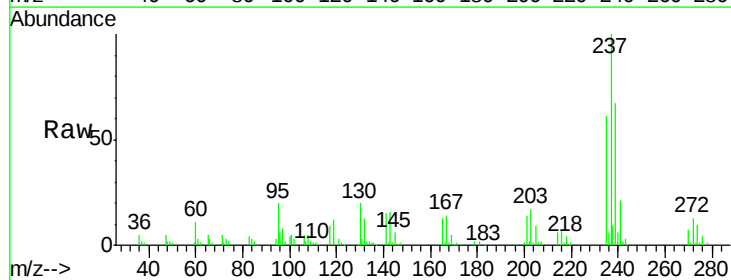
RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

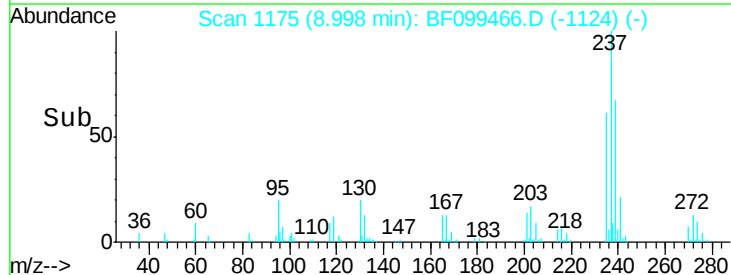
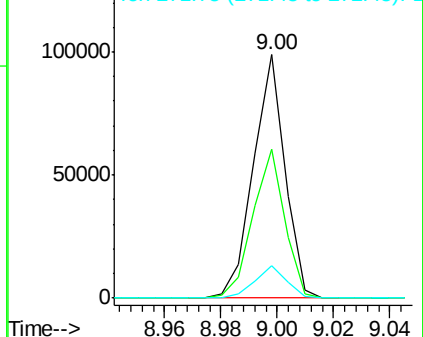
Tgt Ion:	237	Resp:	76784
Ion Ratio	Lower	Upper	
237	100		
235	61.1	44.8	84.8
272	13.1	0.0	33.3

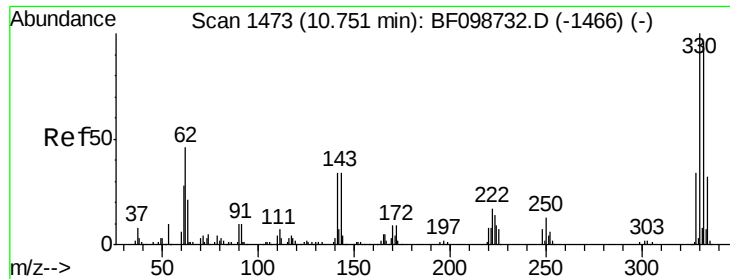


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

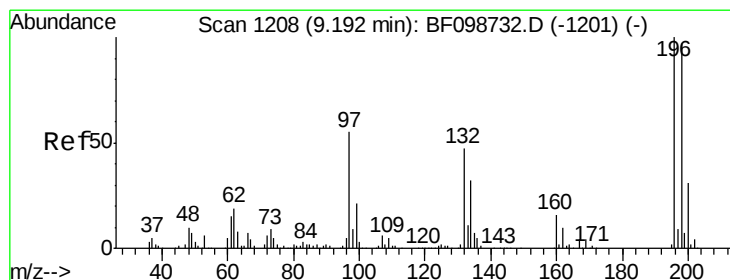
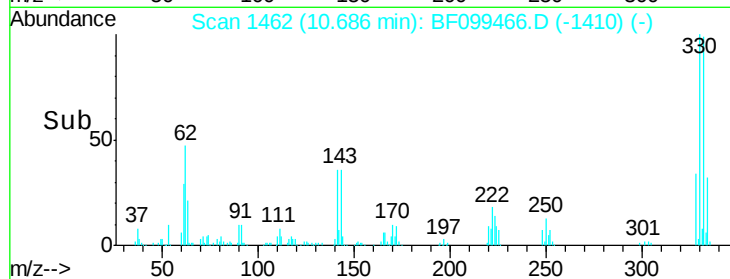
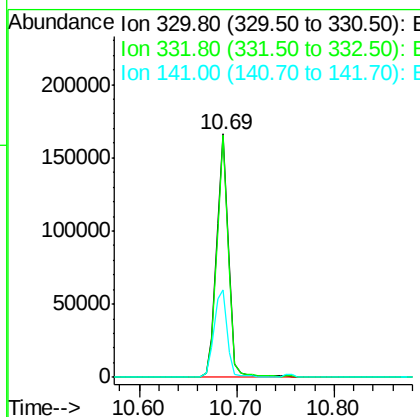
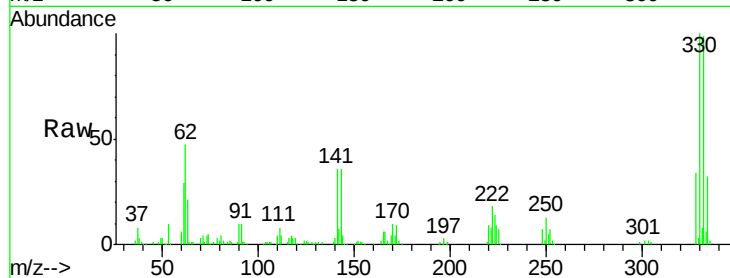




#41
 2,4,6-Tribromophenol
 Concen: 99.10 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

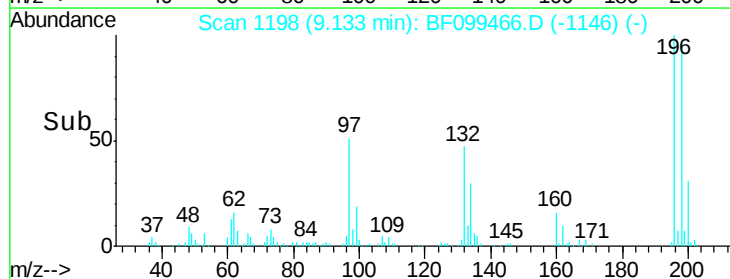
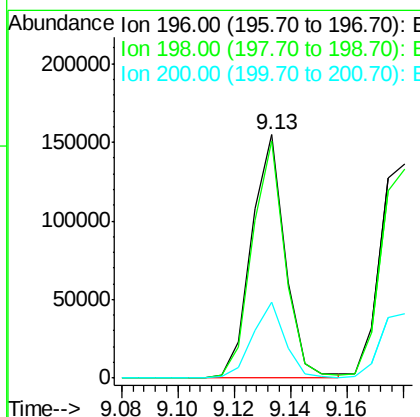
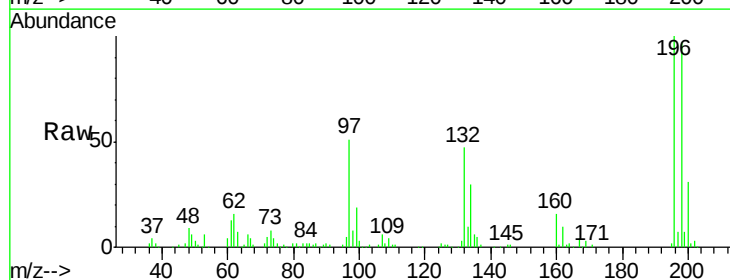
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 142498
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 39.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 34.50 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion:196 Resp: 128092
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 200 31.0 24.5 36.7

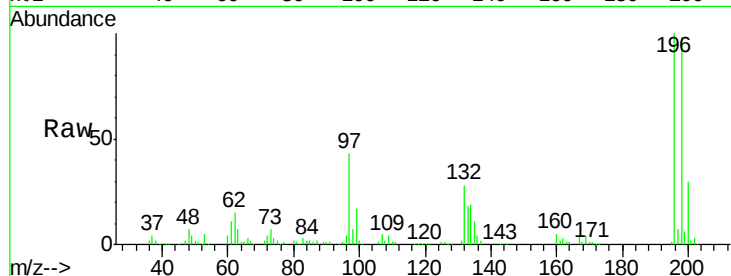




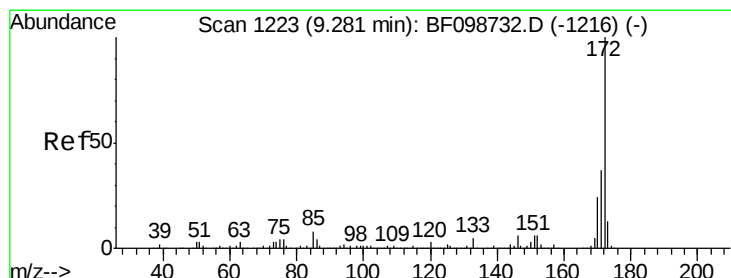
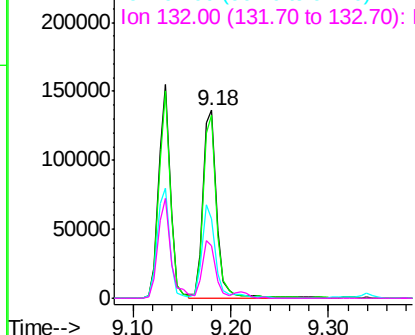
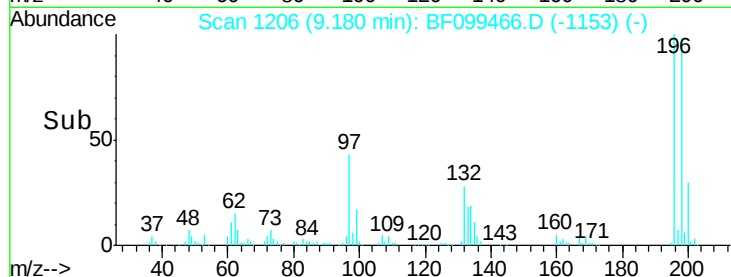
#43
 2,4,5-Trichlorophenol
 Concen: 35.93 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 133148
 Ion Ratio Lower Upper
 196 100
 198 97.7 74.6 112.0
 97 42.5 42.9 64.3#
 132 28.2 26.3 39.5

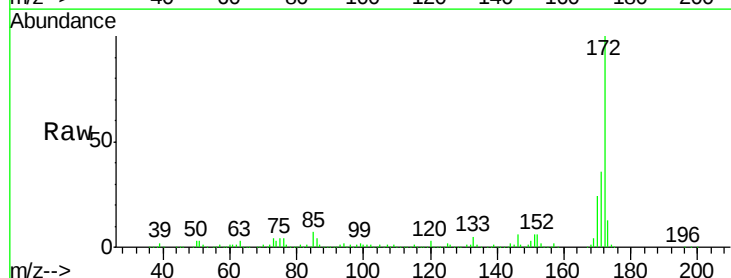


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

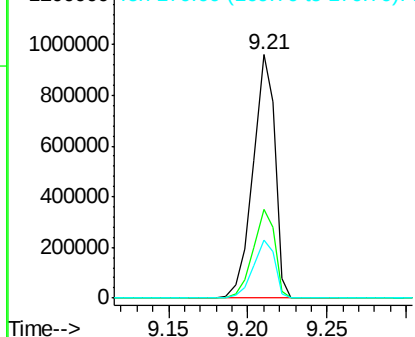
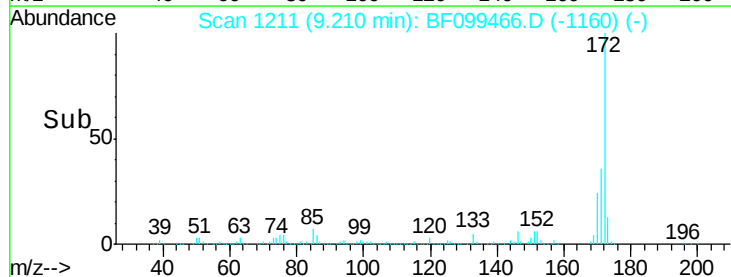


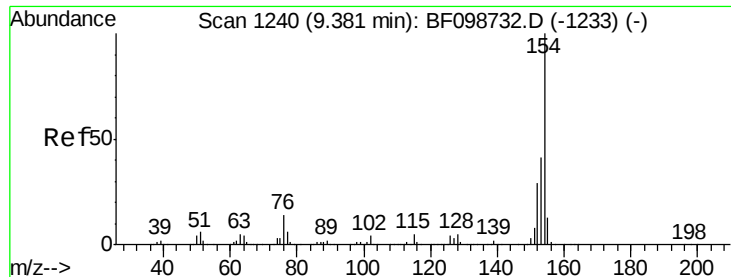
#44
 2-Fluorobiphenyl
 Concen: 87.63 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion:172 Resp: 922456
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 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

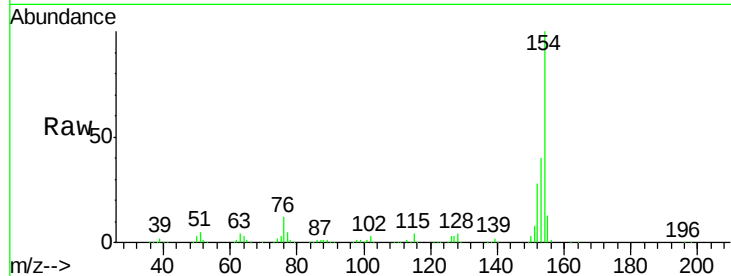




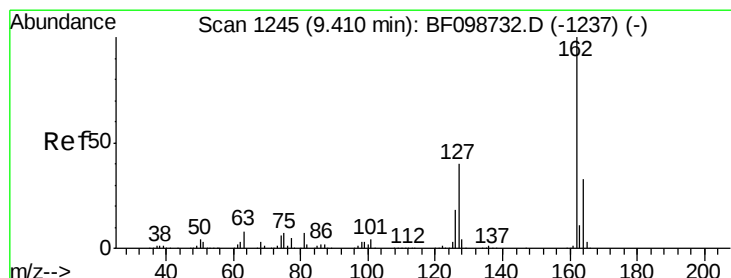
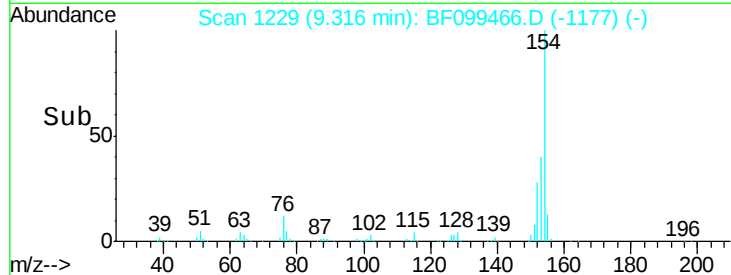
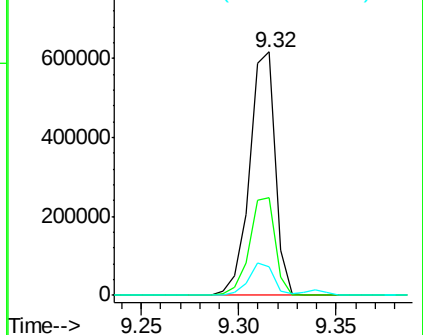
#45
 1,1'-Biphenyl
 Concen: 37.28 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	11.7	0.0	34.0

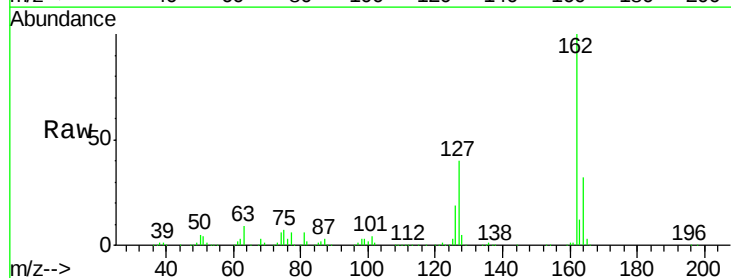


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

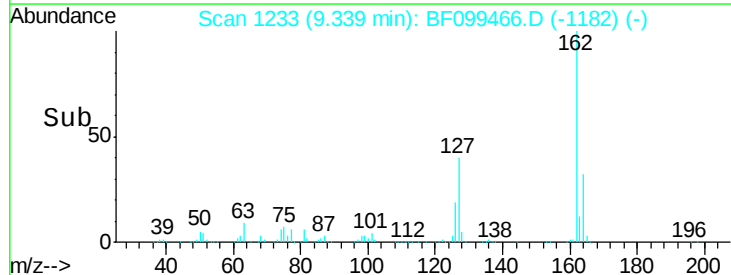
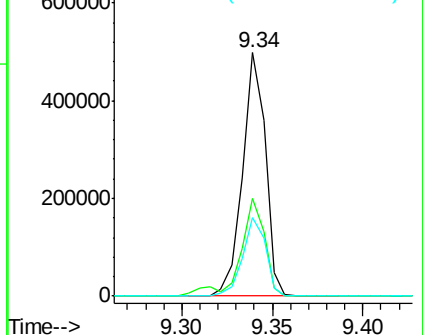


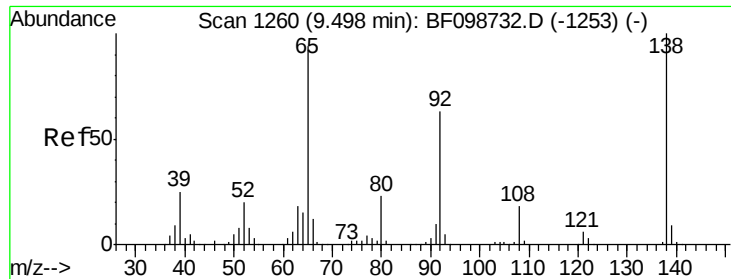
#46
 2-Chloronaphthalene
 Concen: 38.32 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	32.4	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

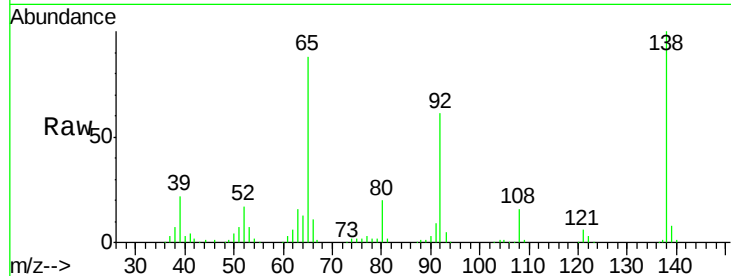




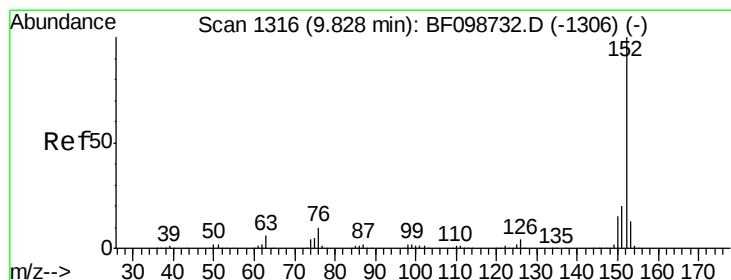
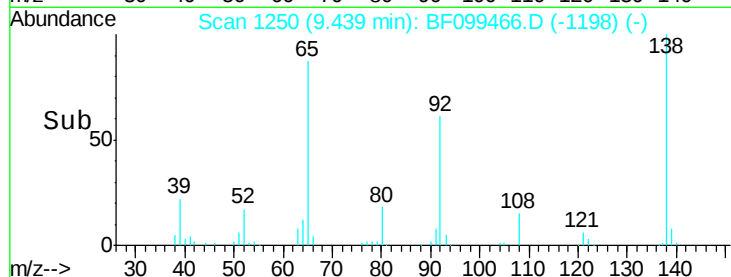
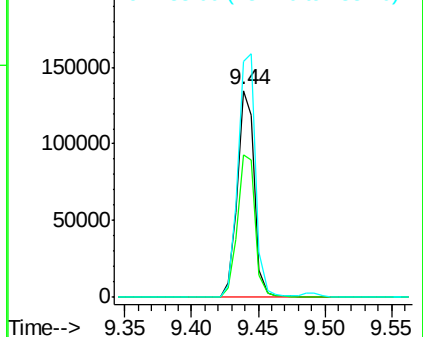
#47
2-Nitroaniline
Concen: 35.03 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 121641
Ion Ratio Lower Upper
65 100
92 69.1 55.8 83.6
138 113.9 91.2 136.8

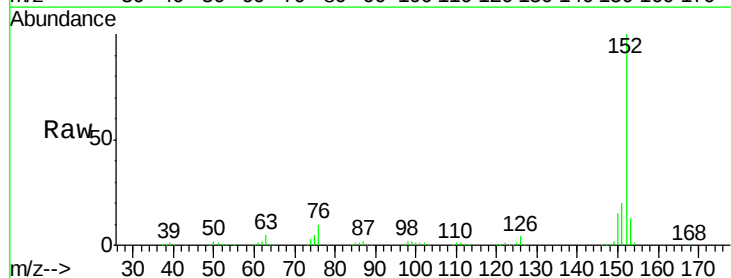


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

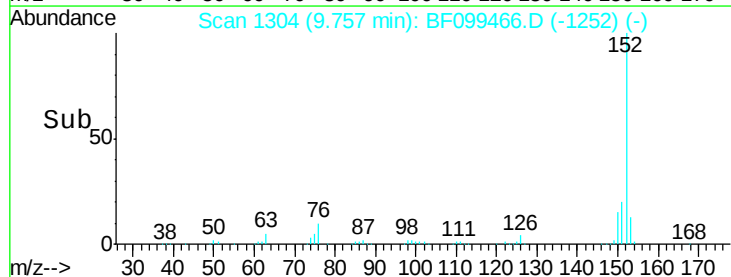
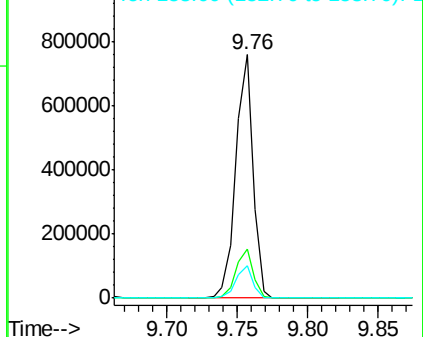


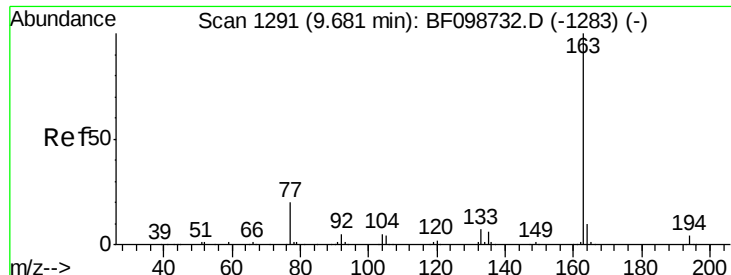
#48
Acenaphthylene
Concen: 37.19 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion: 152 Resp: 645518
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.1 10.7 16.1



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

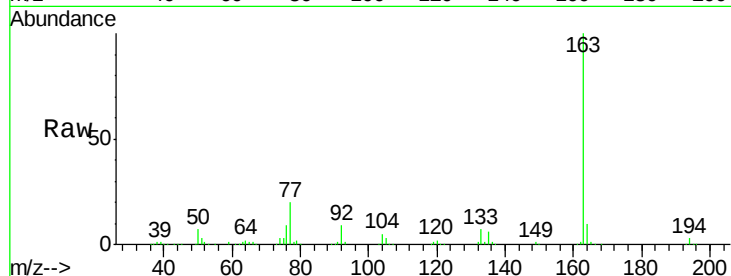




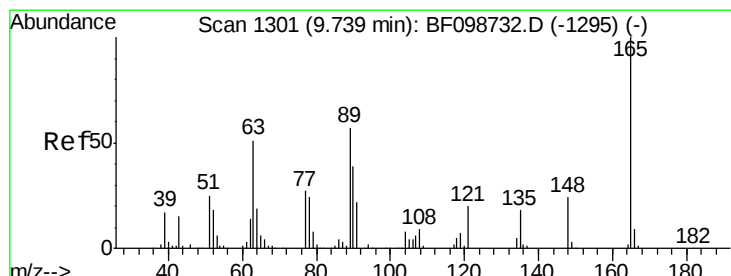
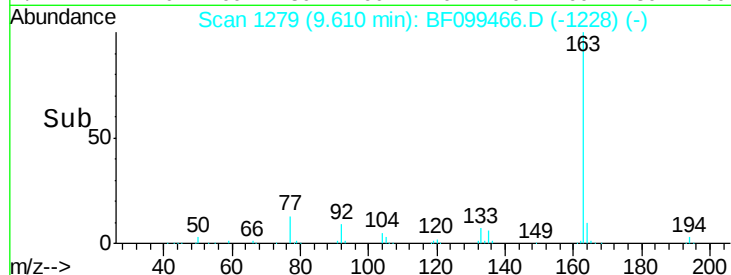
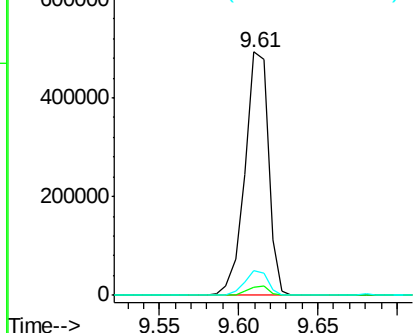
#49
Dimethylphthalate
Concen: 38.20 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 506599
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.4 8.2 12.2

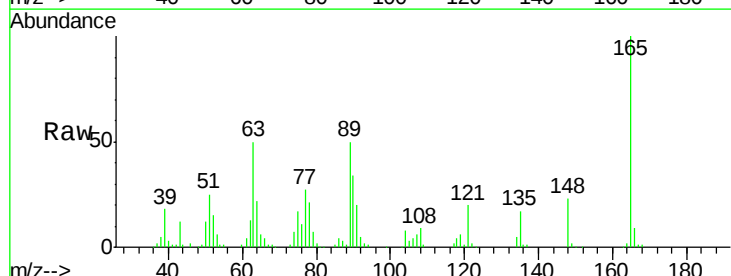


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

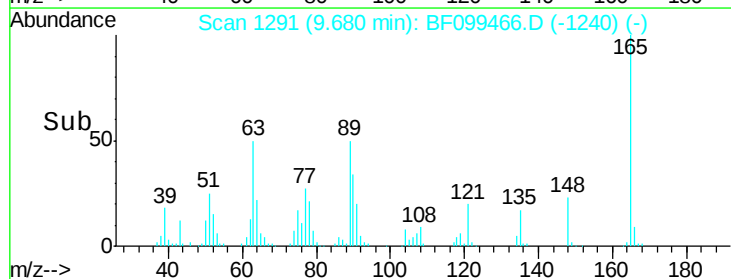
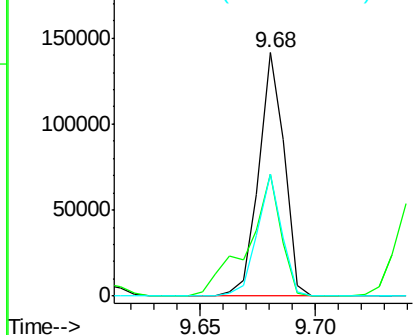


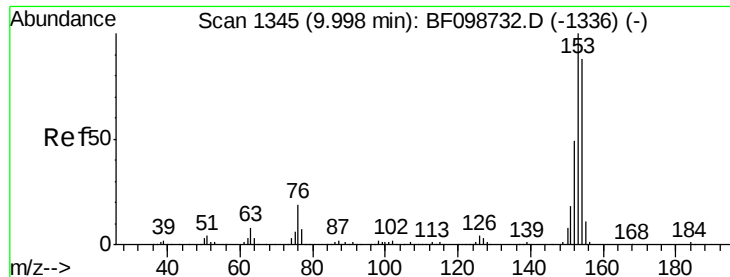
#50
2,6-Dinitrotoluene
Concen: 37.91 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:165 Resp: 109470
Ion Ratio Lower Upper
165 100
63 50.1 44.7 67.1
89 50.3 44.0 66.0



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





#51

Acenaphthene

Concen: 34.16 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

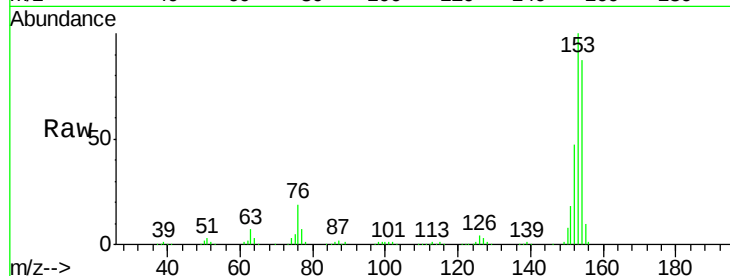
Tot Ion:154 Resp: 375591

Ion Ratio Lower Upper

154 100

153 115.4 91.2 136.8

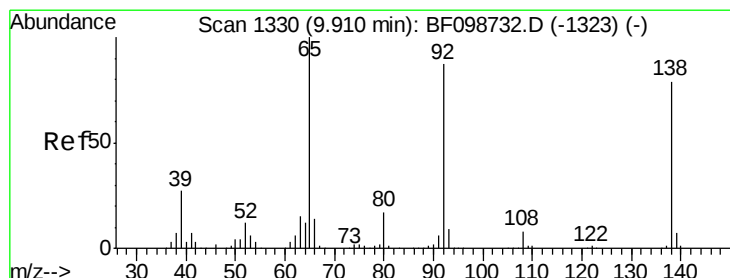
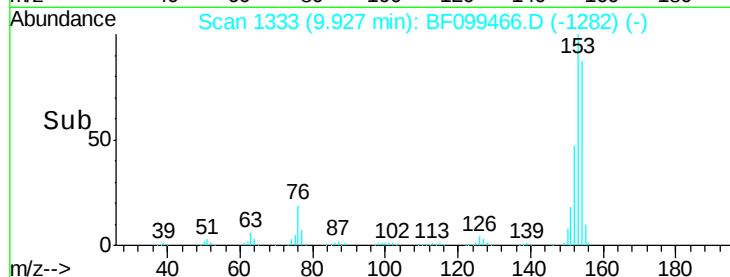
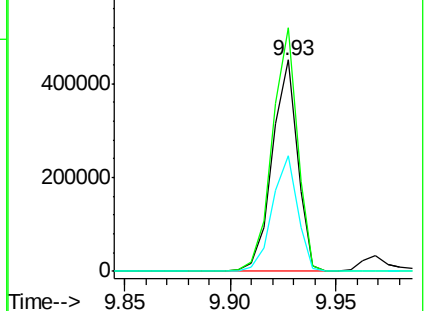
152 54.5 43.8 65.8



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: 20.22 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

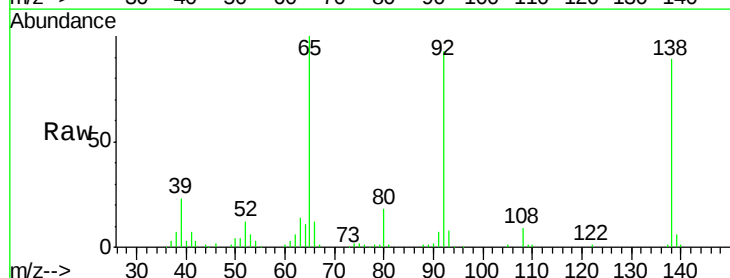
Tgt Ion:138 Resp: 68090

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

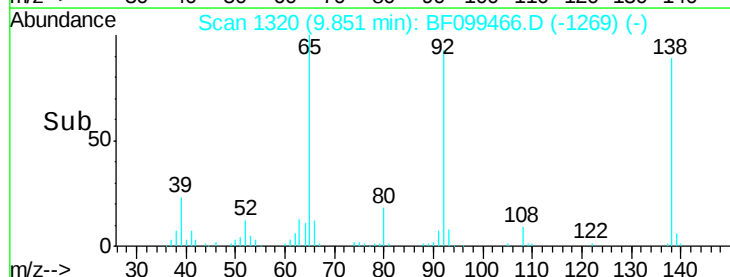
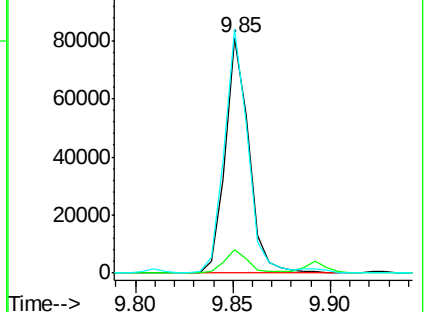
92 103.7 89.4 134.2

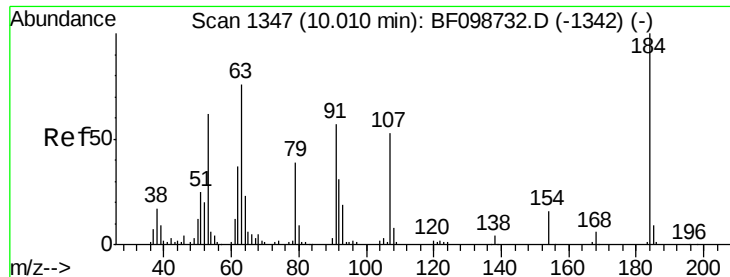


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

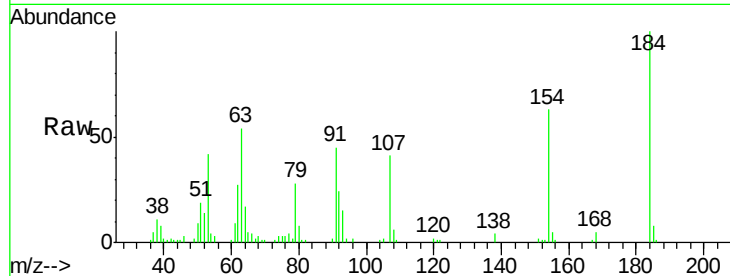




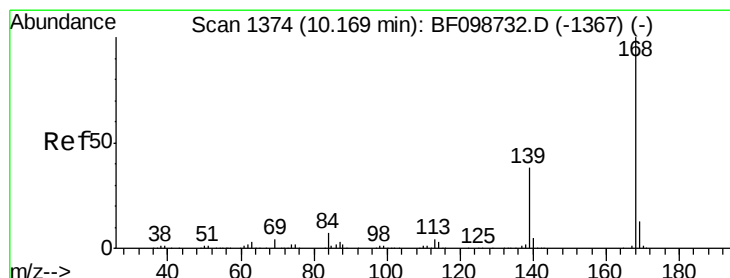
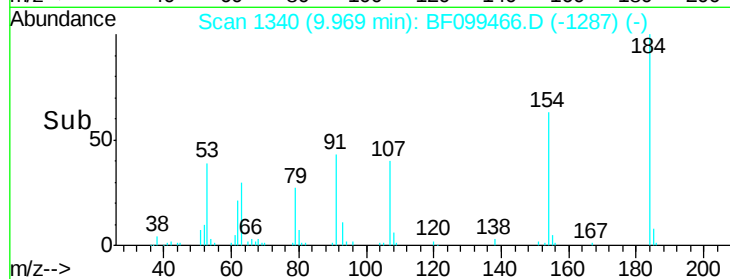
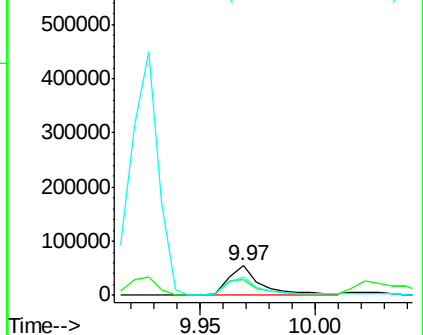
#53
2,4-Dinitrophenol
Concen: 39.50 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 54593
Ion Ratio Lower Upper
184 100
63 53.8 54.2 81.2#
154 62.7 53.5 80.3

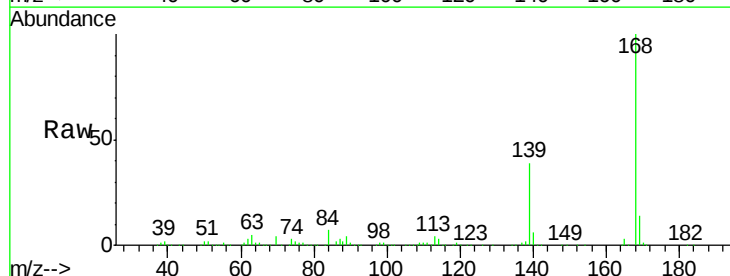


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

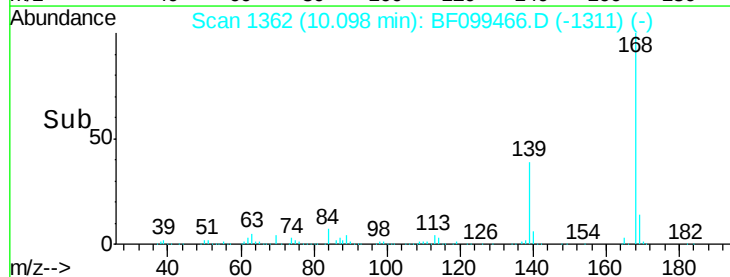
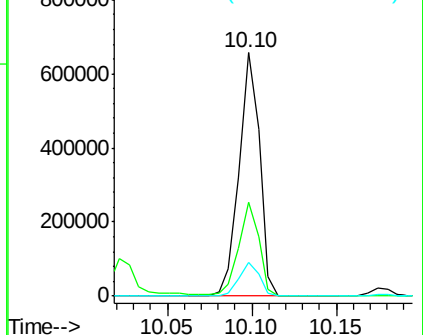


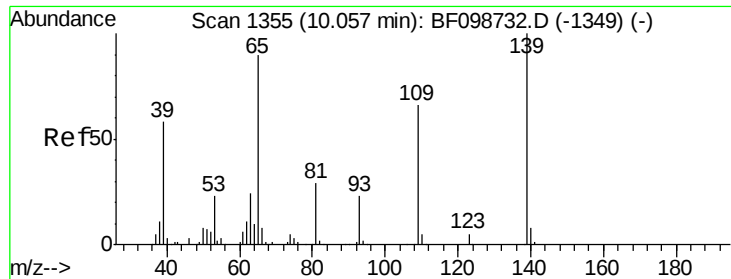
#54
Dibenzofuran
Concen: 37.91 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:168 Resp: 555094
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 13.8 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: 36.41 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

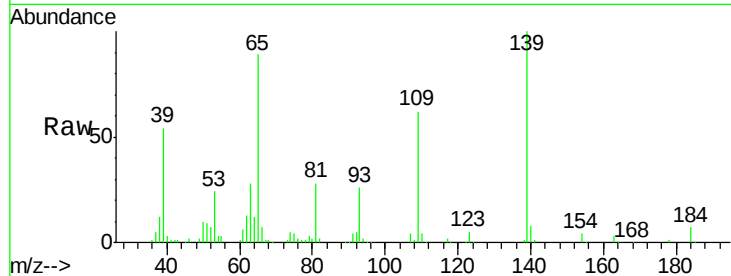
Tot Ion:139 Resp: 103646

Ion Ratio Lower Upper

139 100

109 61.5 48.4 88.4

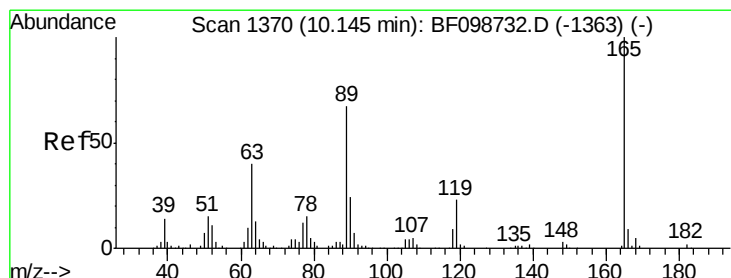
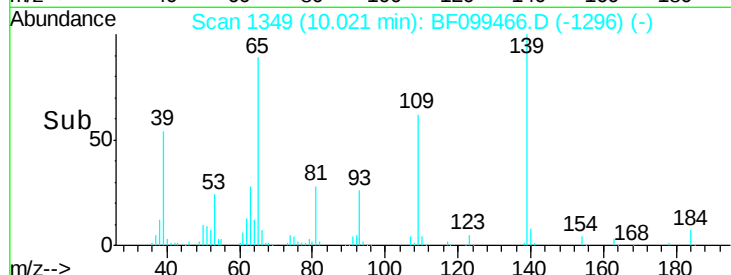
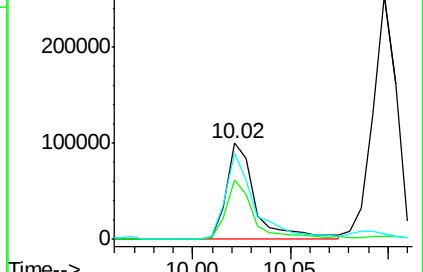
65 89.1 72.6 112.6



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: 35.38 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Tgt Ion:165 Resp: 132574

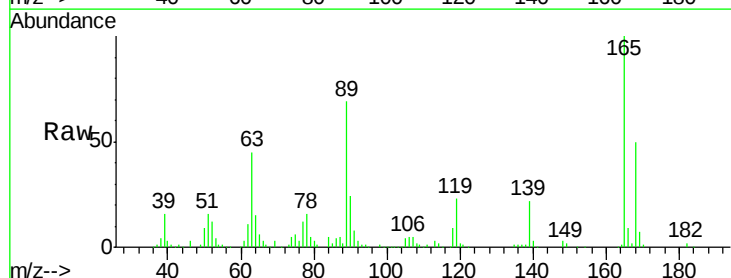
Ion Ratio Lower Upper

165 100

63 45.1 36.4 54.6

89 68.9 57.8 86.6

182 2.4 1.6 2.4#

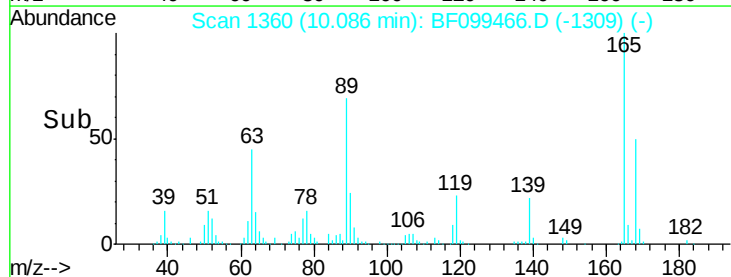
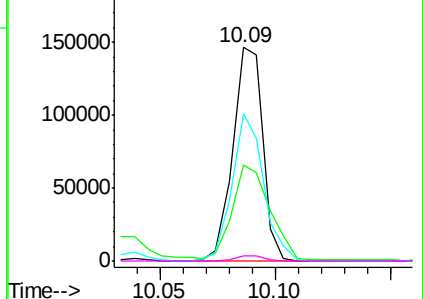


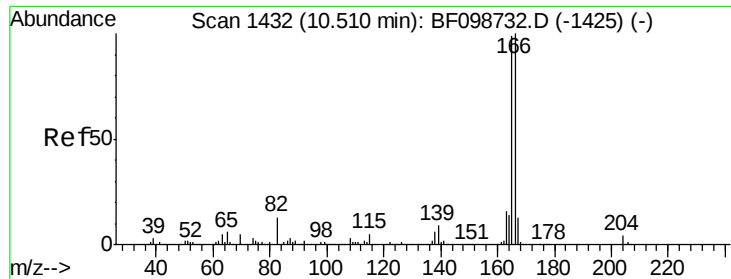
Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.21 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

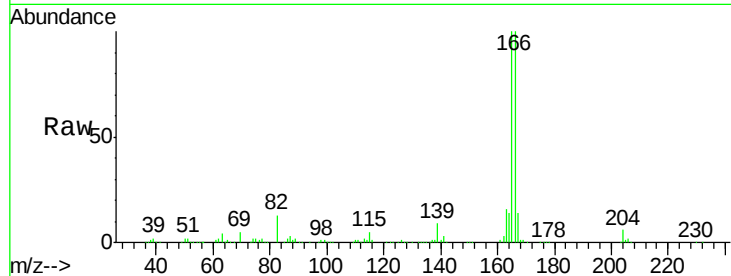
Tot Ion:166 Resp: 426146

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

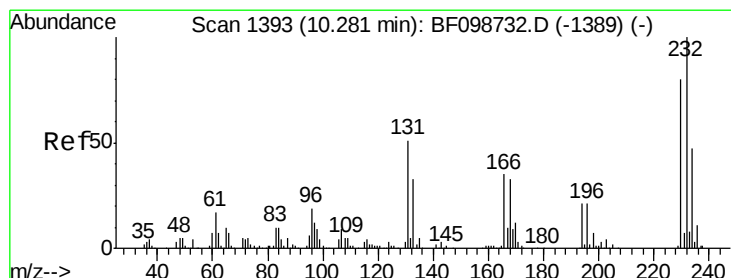
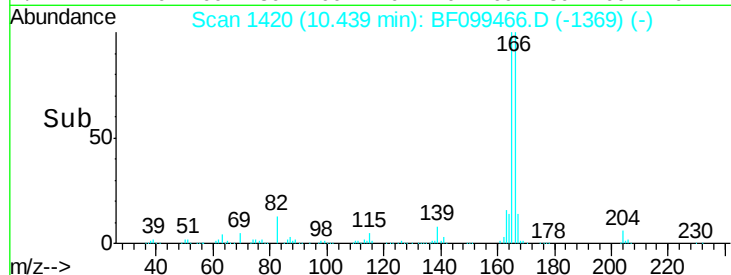
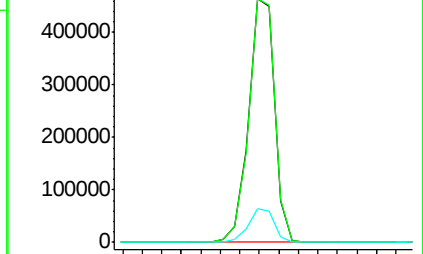
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.38 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Tgt Ion:232 Resp: 88008

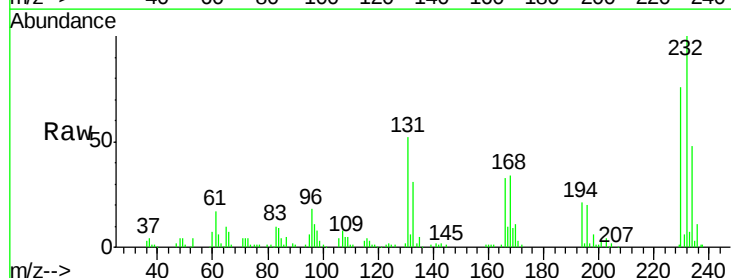
Ion Ratio Lower Upper

232 100

131 51.8 43.8 65.8

130 2.2 2.1 3.1

166 34.5 27.8 41.6

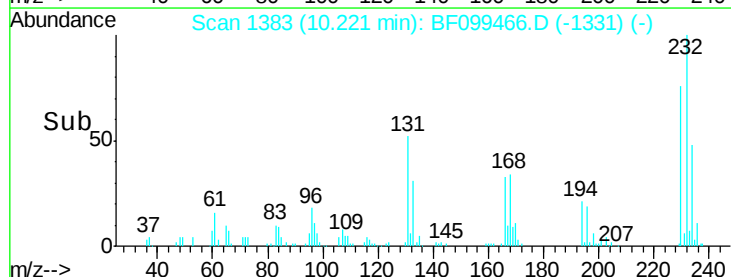
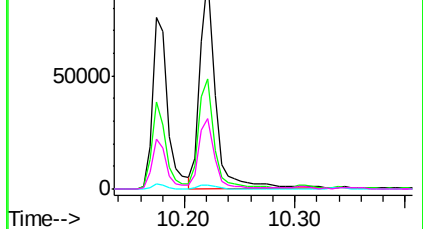


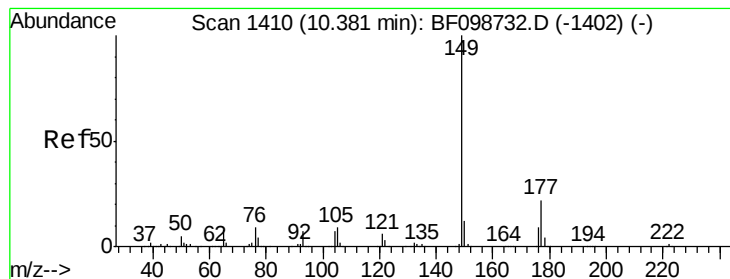
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.01 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

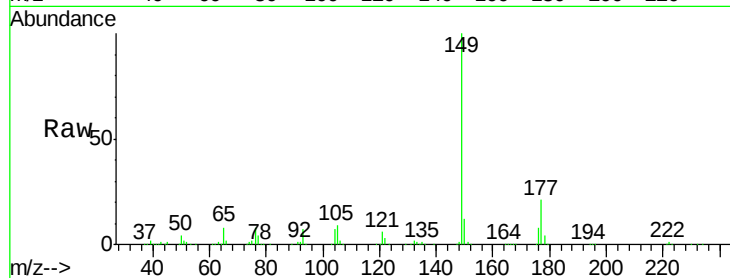
Tot Ion:149 Resp: 466732

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

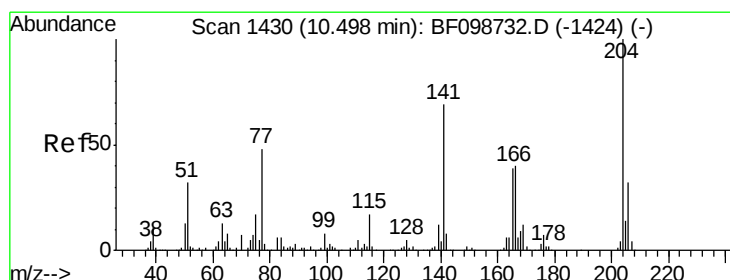
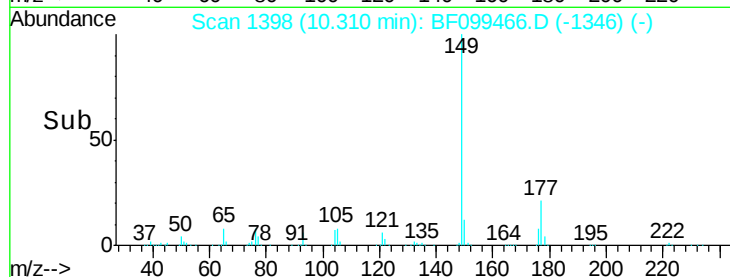
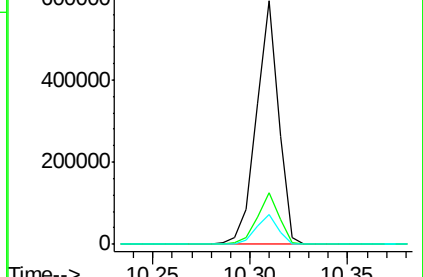
150 12.4 10.1 15.1



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: 37.05 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

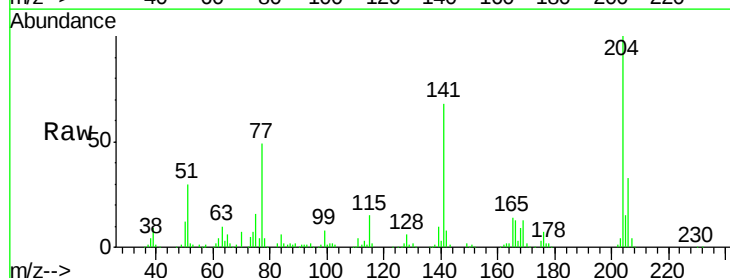
Tgt Ion:204 Resp: 195840

Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

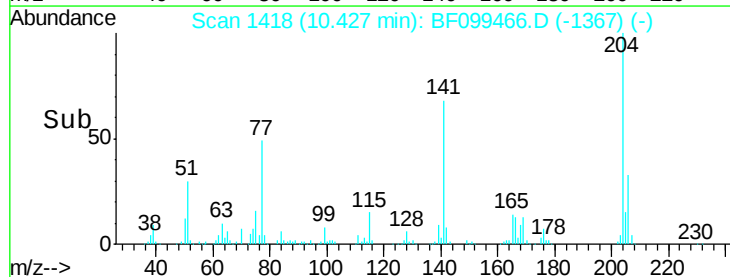
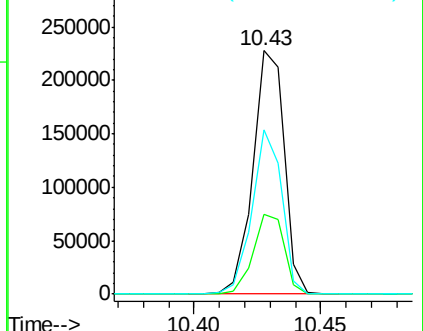
141 67.7 54.6 81.8

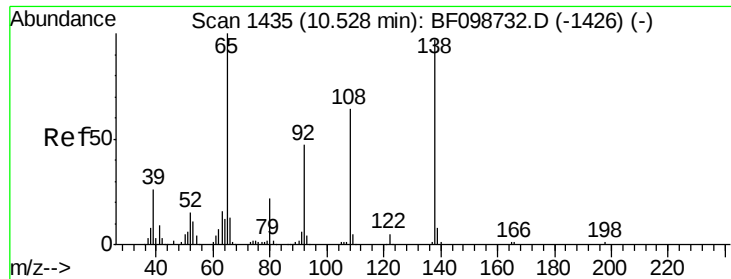


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

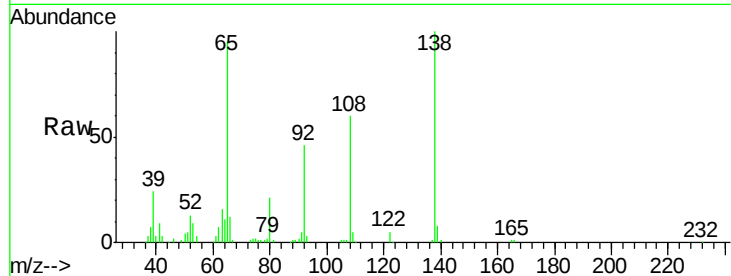




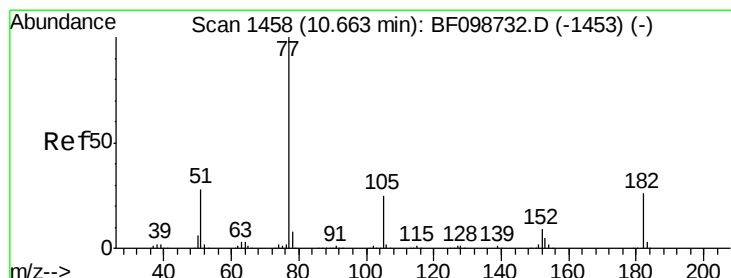
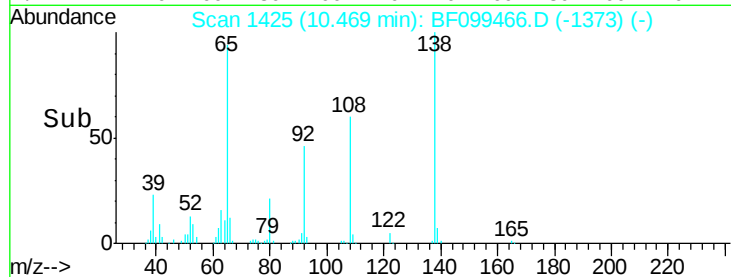
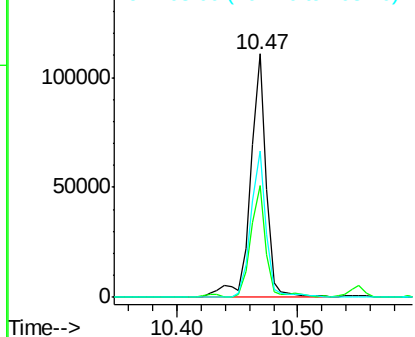
#61
4-Nitroaniline
Concen: 31.09 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 100982
Ion Ratio Lower Upper
138 100
92 46.1 30.2 70.2
108 60.4 52.5 92.5

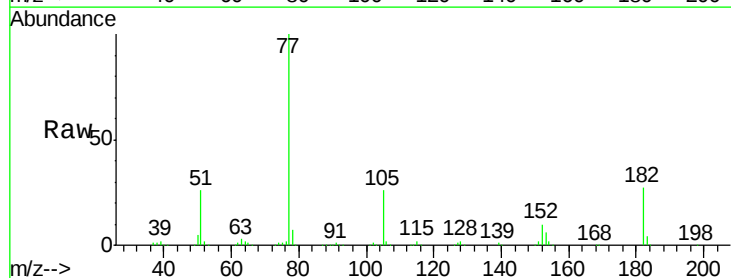


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

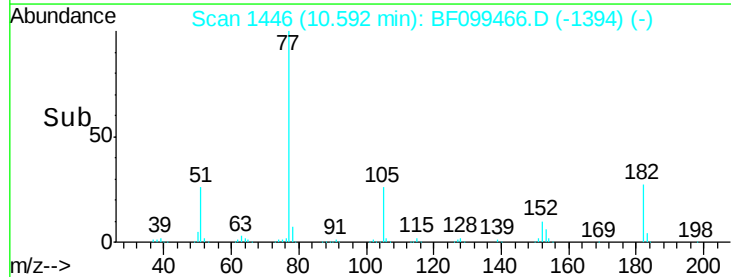
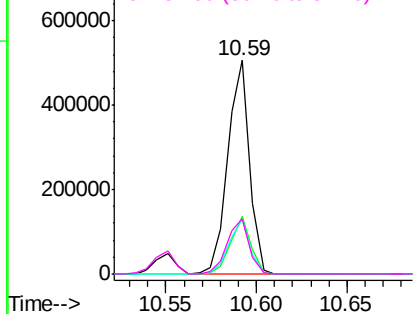


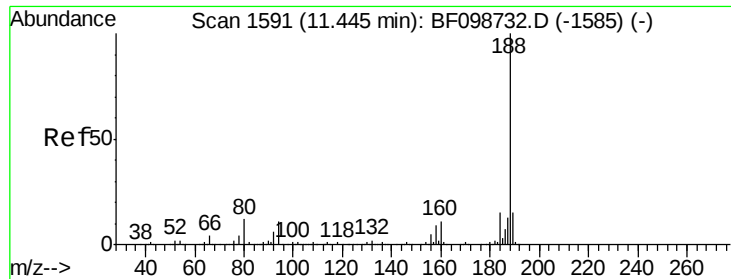
#62
Azobenzene
Concen: 35.38 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion: 77 Resp: 421556
Ion Ratio Lower Upper
77 100
182 27.1 1.7 41.7
105 25.7 3.0 43.0
51 25.8 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

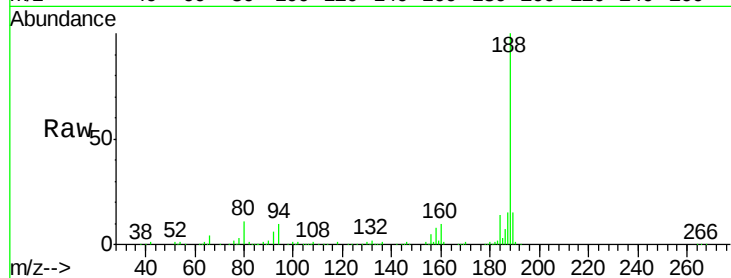




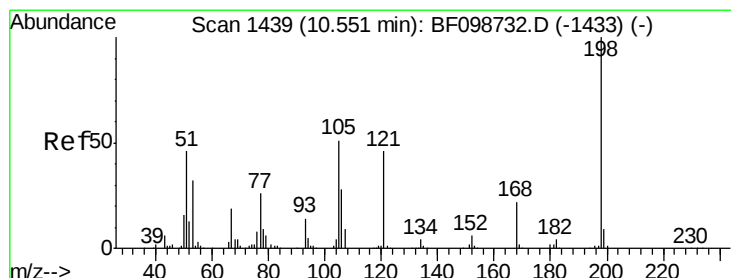
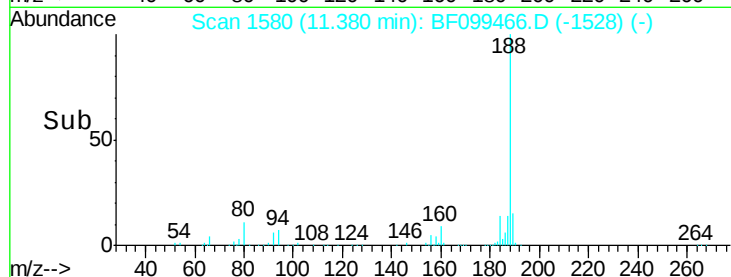
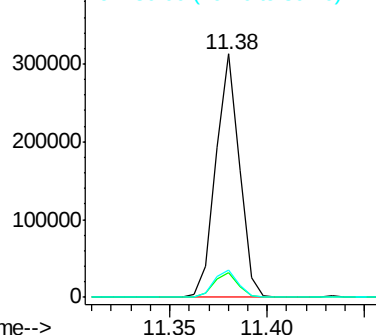
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 261474
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.2 9.2 13.8

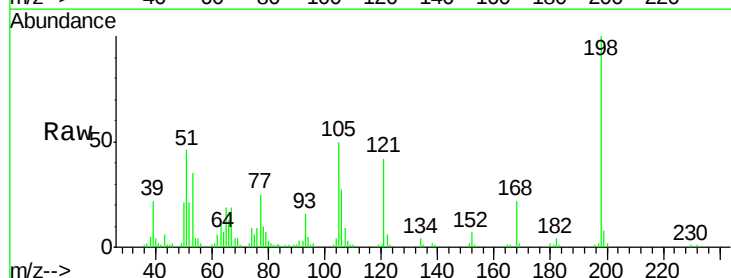


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

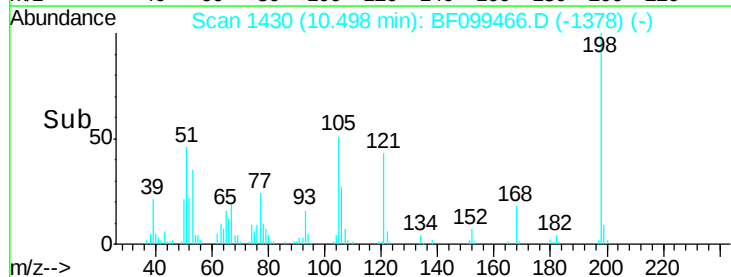
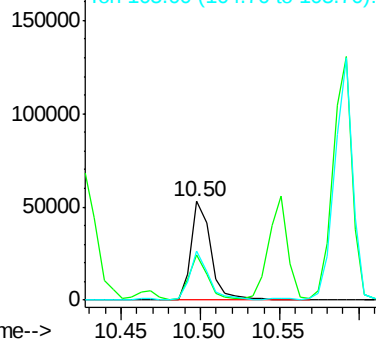


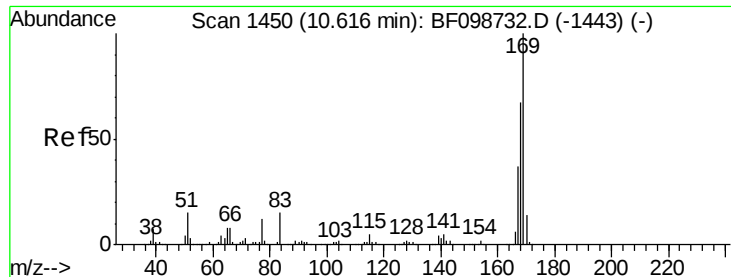
#64
4,6-Dinitro-2-methylphenol
Concen: 29.04 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:198 Resp: 46196
Ion Ratio Lower Upper
198 100
51 45.8 37.7 77.7
105 50.1 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

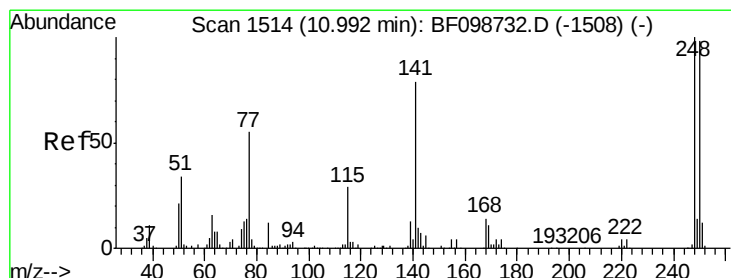
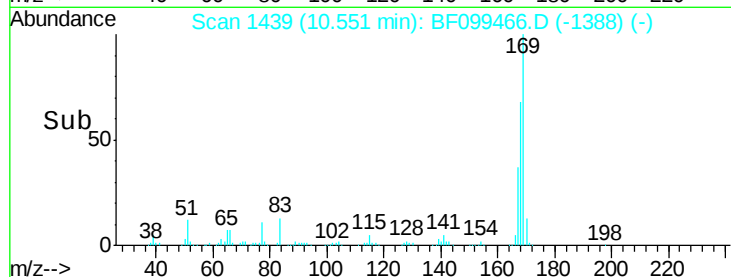
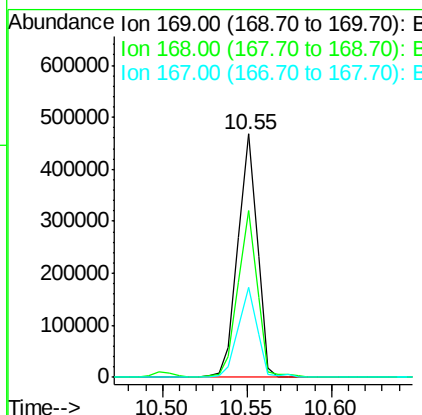
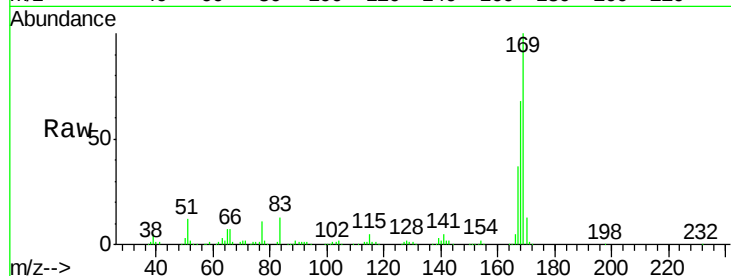




#65
n-Nitrosodiphenylamine
Concen: 41.44 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

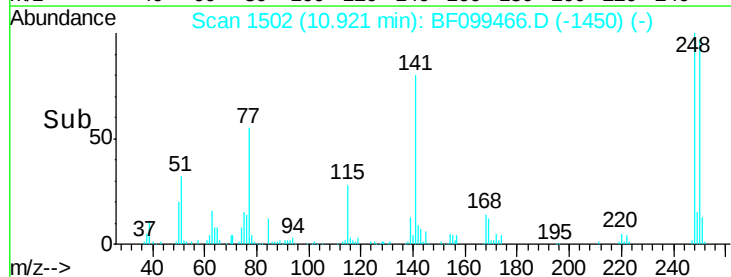
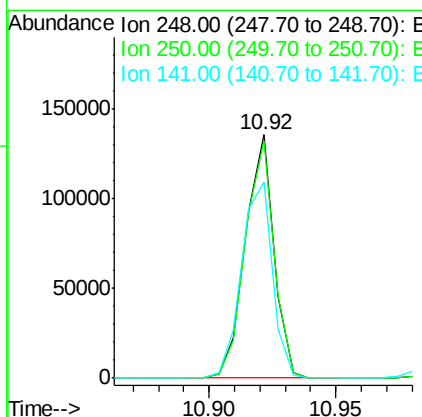
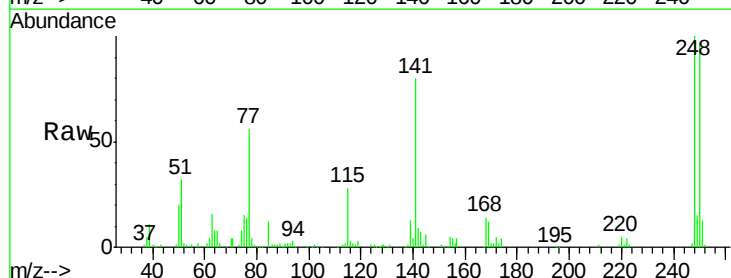
Instrument :
BNA_F
ClientSampleId :

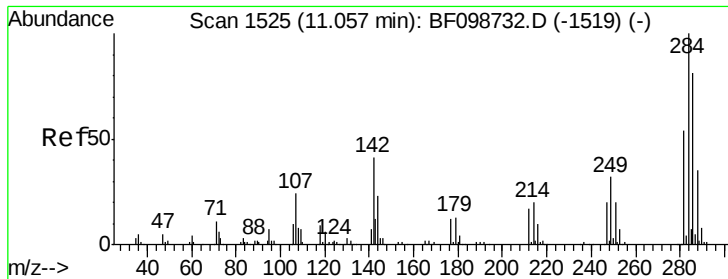
Tot Ion:169 Resp: 375344
Ion Ratio Lower Upper
169 100
168 68.3 54.4 81.6
167 37.0 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 41.53 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:248 Resp: 106287
Ion Ratio Lower Upper
248 100
250 97.4 76.9 115.3
141 80.4 74.4 111.6

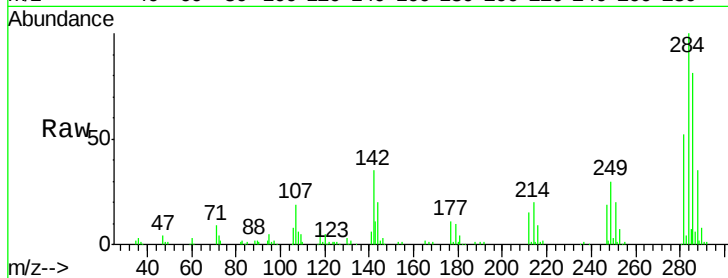




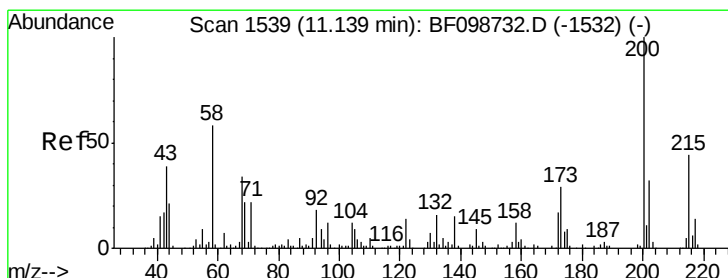
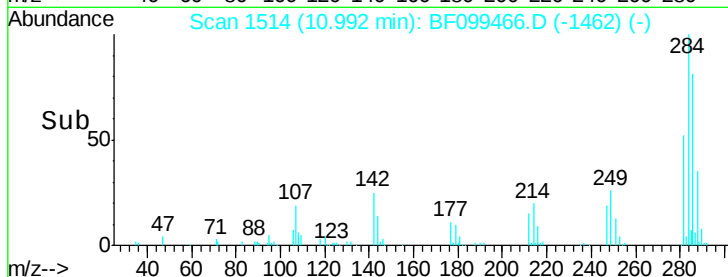
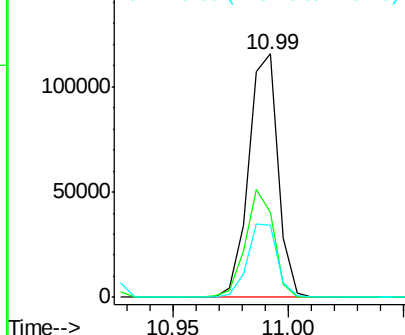
#67
Hexachlorobenzene
Concen: 37.77 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 103233
Ion Ratio Lower Upper
284 100
142 35.0 34.6 52.0
249 29.6 24.8 37.2

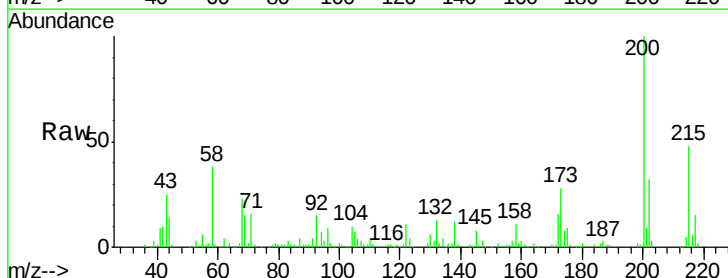


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

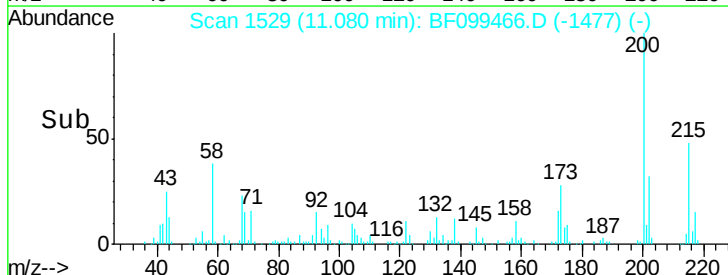
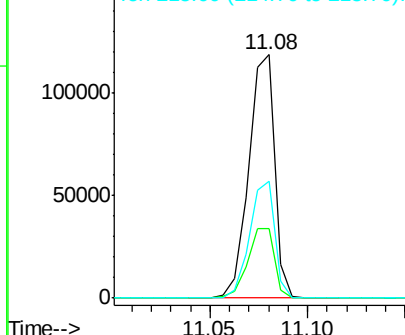


#68
Atrazine
Concen: 40.11 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:200 Resp: 109301
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 48.3 25.1 65.1



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

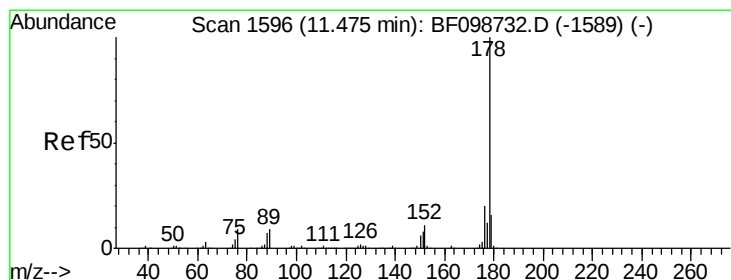
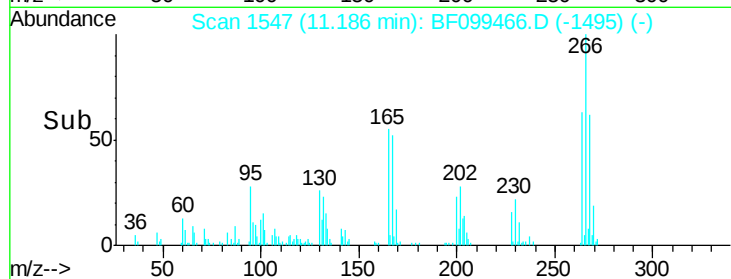
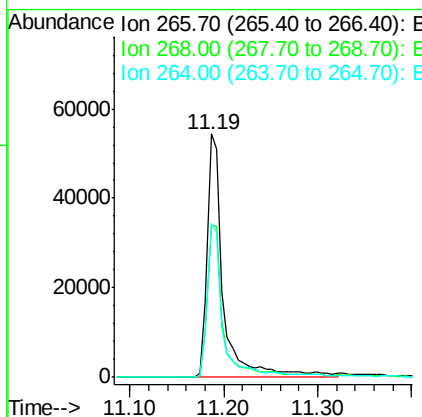
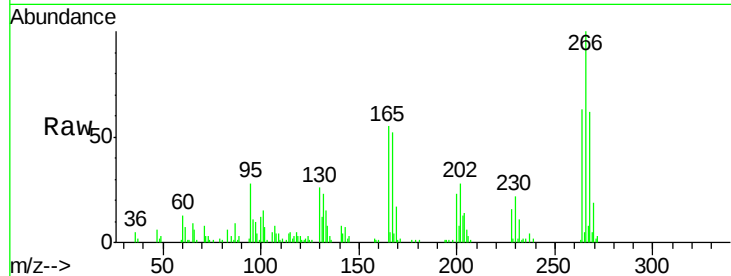




#69
 Pentachlorophenol
 Concen: 39.04 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

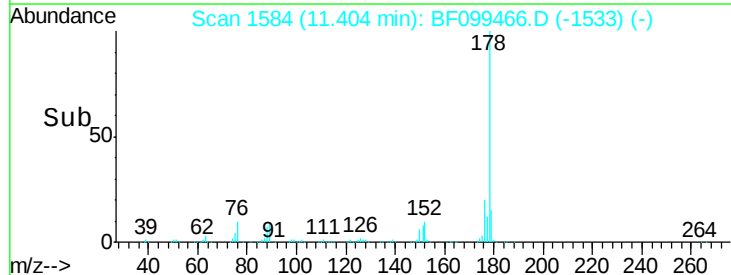
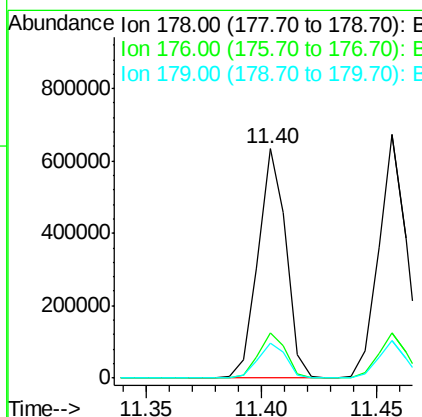
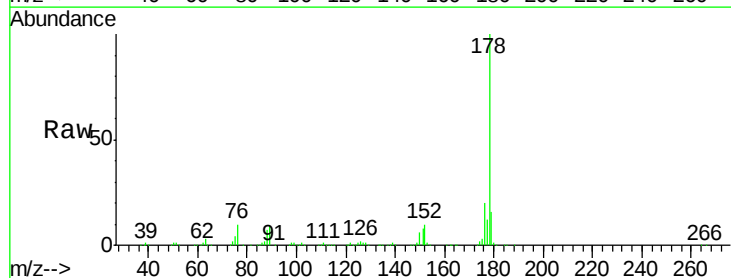
Instrument :
 BNA_F
 ClientSampleId :

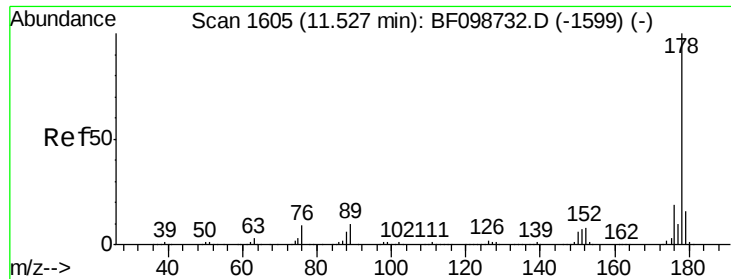
Tot Ion:266 Resp: 66424
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 38.37 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion:178 Resp: 537049
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.5 13.0 19.6

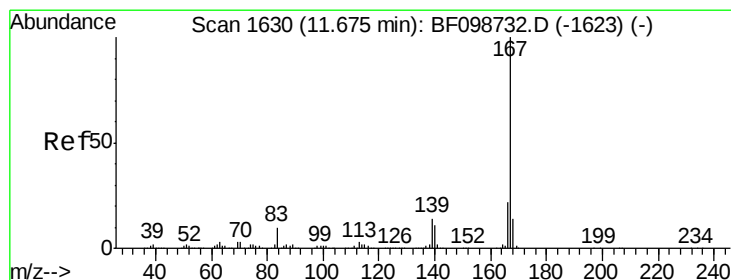
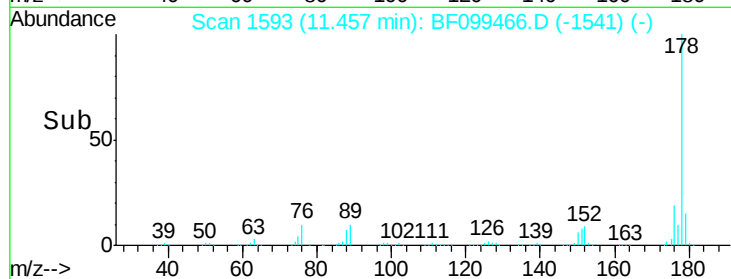
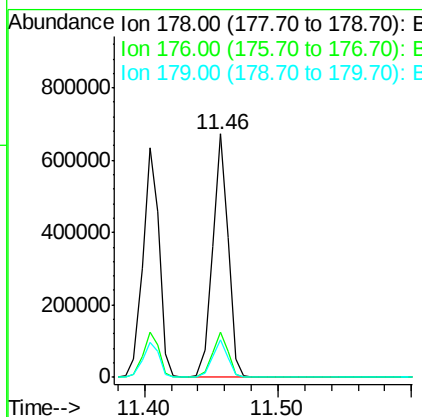
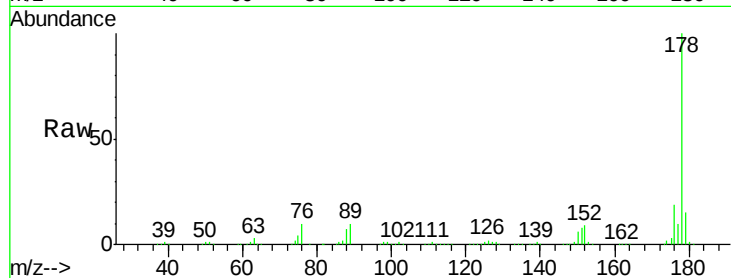




#71
 Anthracene
 Concen: 38.56 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

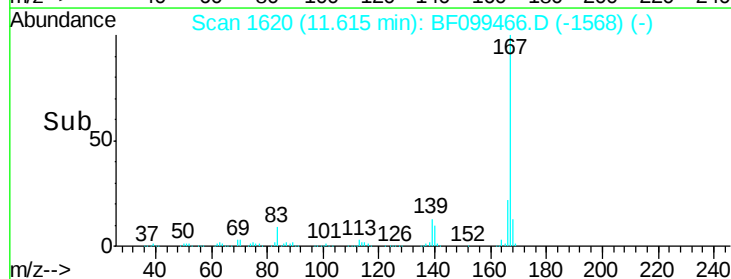
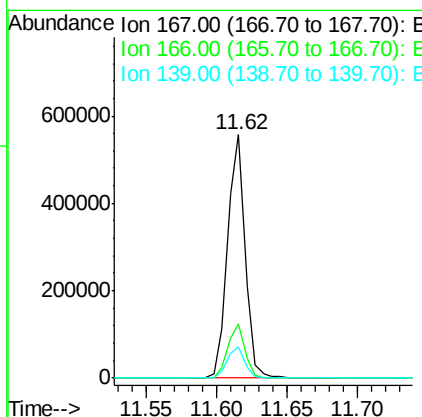
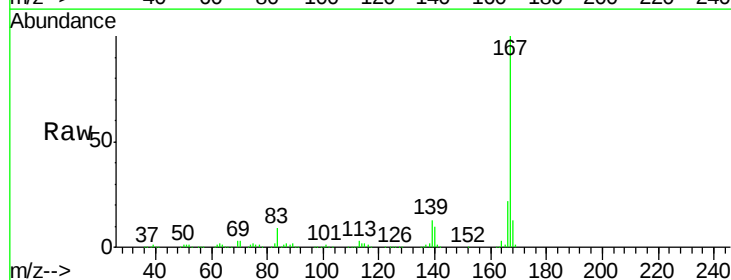
Instrument :
 BNA_F
 ClientSampleId :

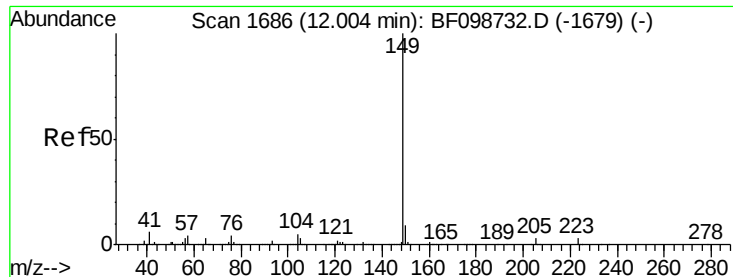
Tot Ion:178 Resp: 552160
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 34.38 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion:167 Resp: 482133
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.57 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

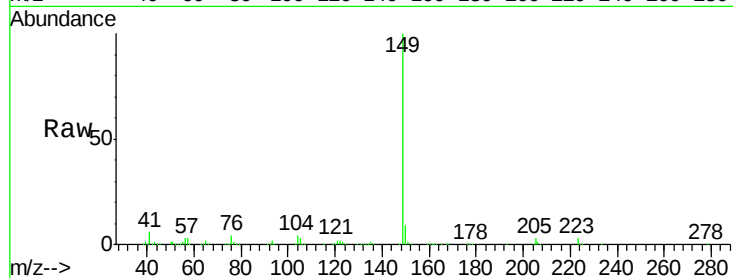
Tot Ion:149 Resp: 634246

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

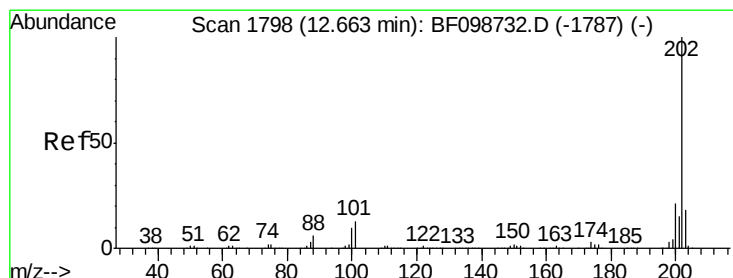
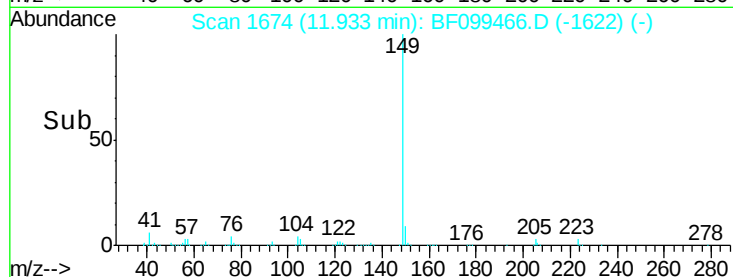
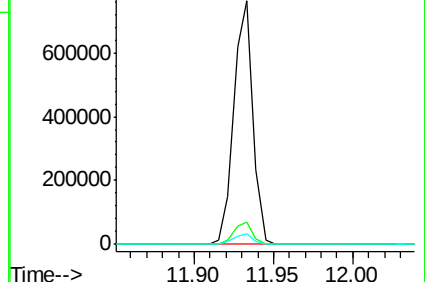
104 4.2 3.8 5.8



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: 33.97 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

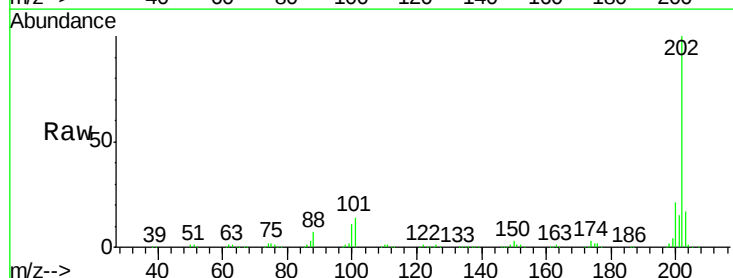
Tgt Ion:202 Resp: 481371

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

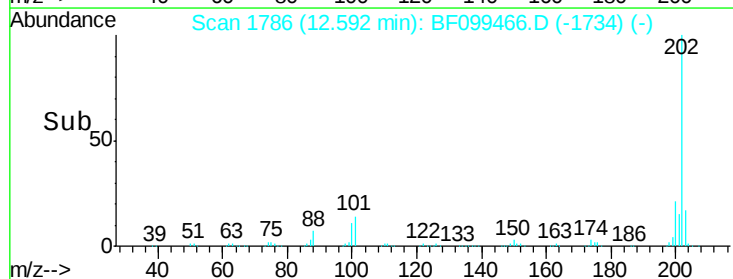
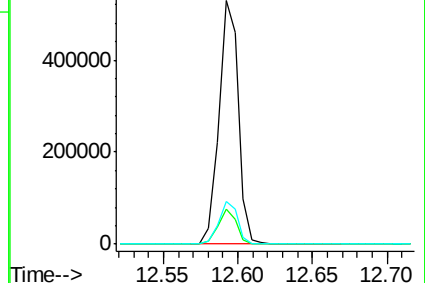
203 17.4 0.0 38.1

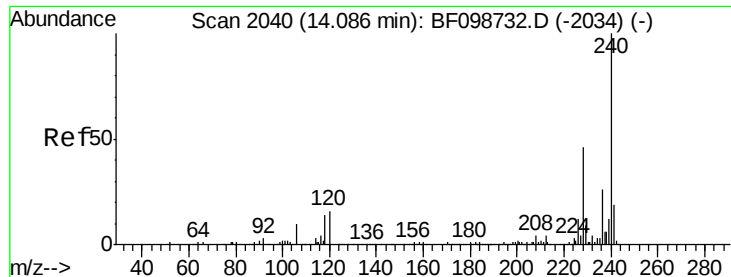


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

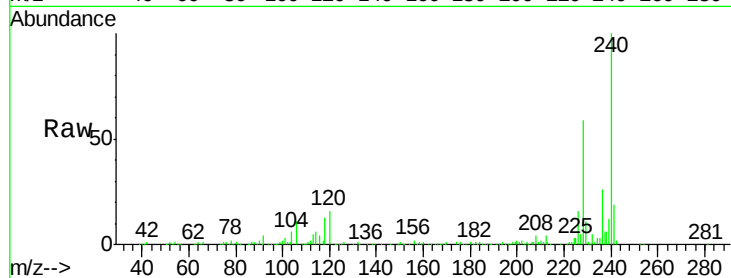
Tot Ion:240 Resp: 179421

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

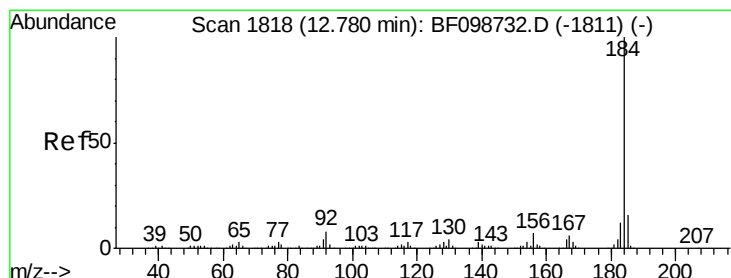
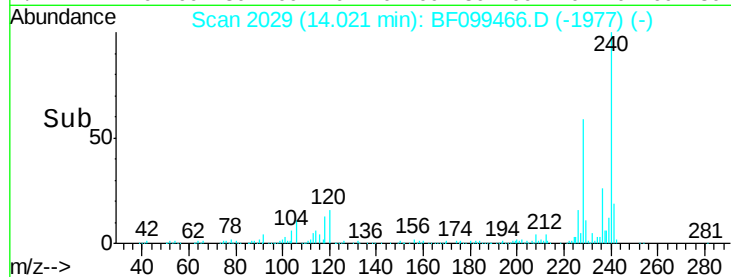
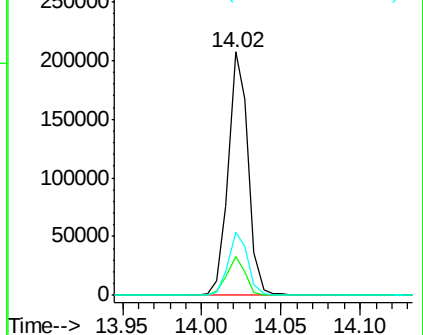
236 26.0 20.7 31.1



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: 29.48 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

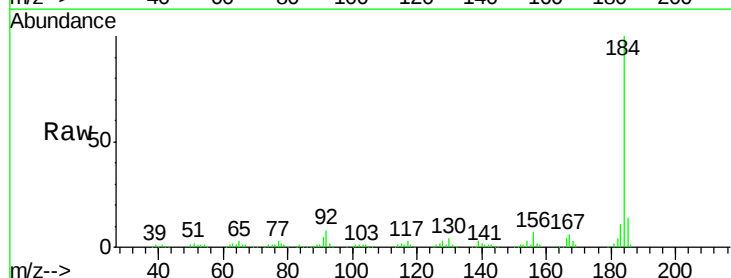
Tgt Ion:184 Resp: 195659

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

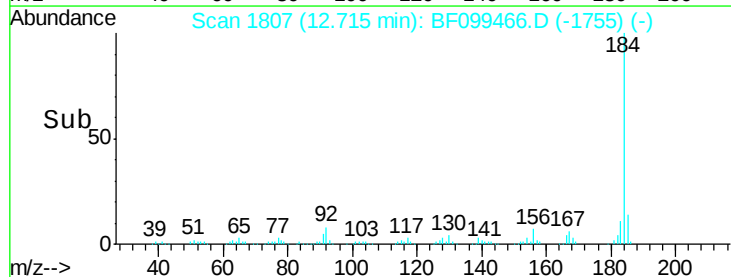
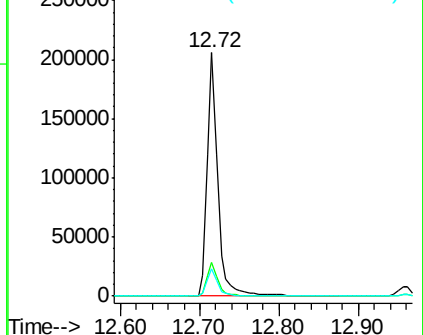
183 11.4 9.3 13.9

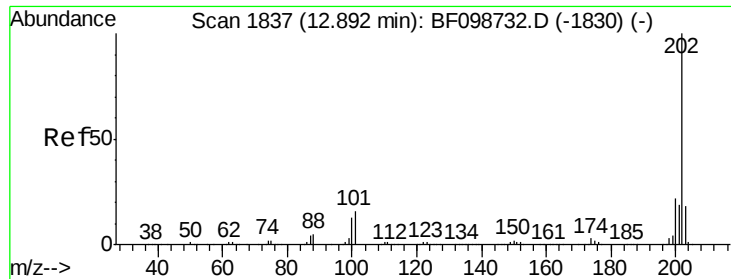


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

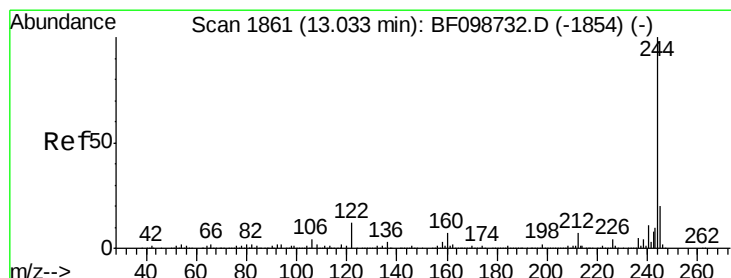
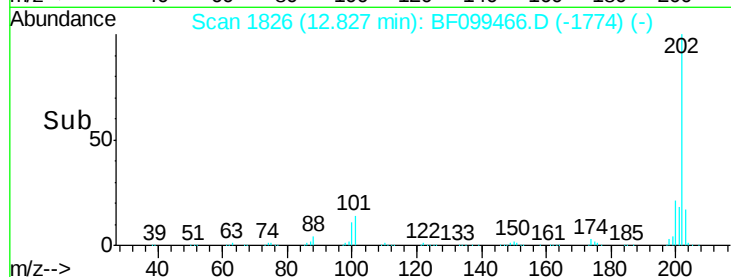
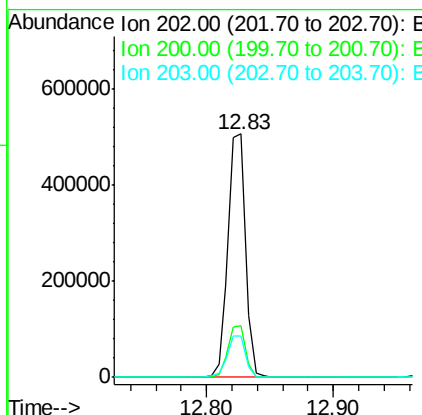
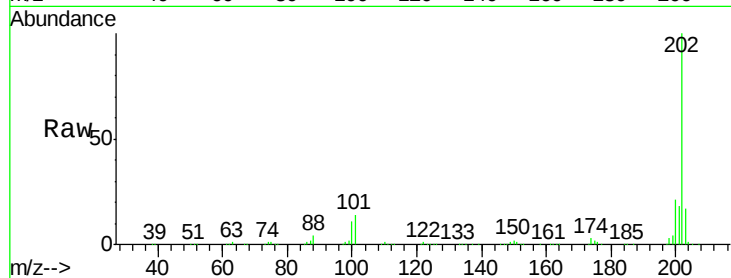




#77
Pvrene
Concen: 35.55 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

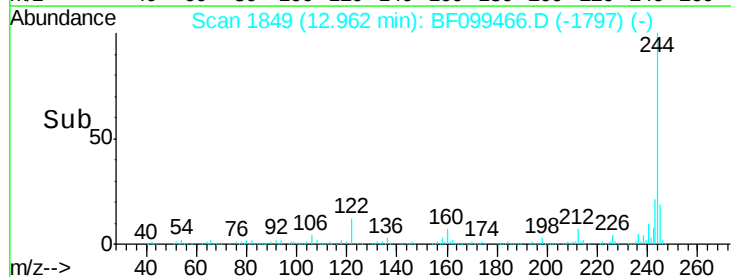
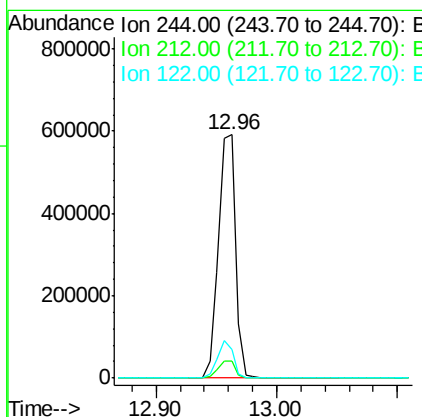
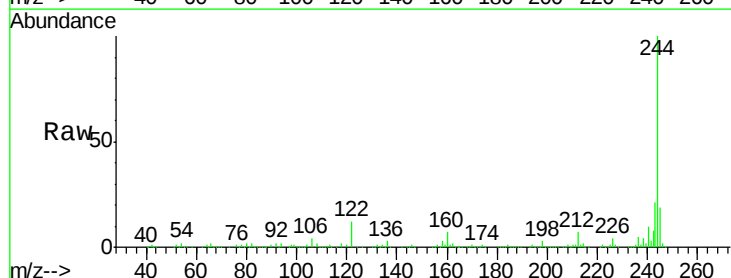
Instrument :
BNA_F
ClientSampleId :

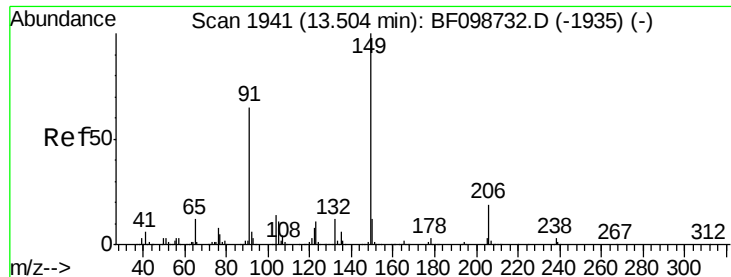
Tot Ion:202 Resp: 486410
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 72.59 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:244 Resp: 572729
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.0 11.0 16.4





#79

Butylbenzylphthalate

Concen: 33.88 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

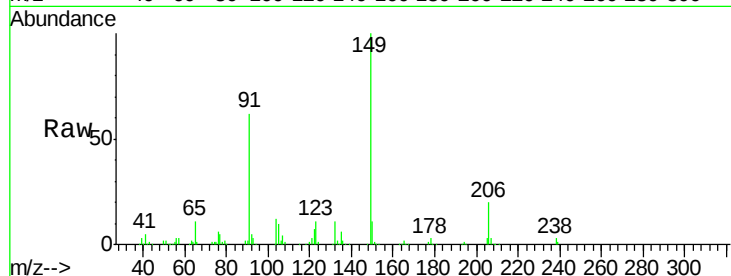
Tot Ion:149 Resp: 217877

Ion Ratio Lower Upper

149 100

91 62.0 56.8 85.2

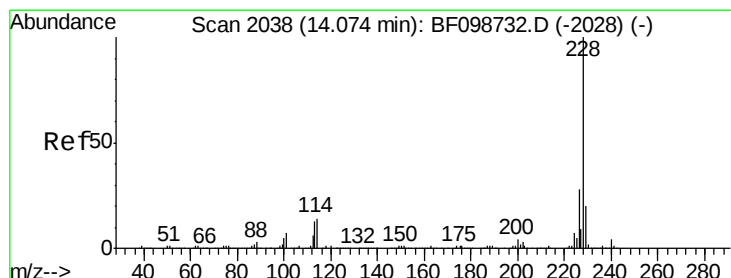
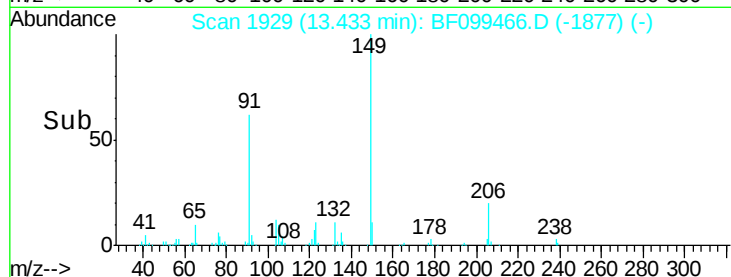
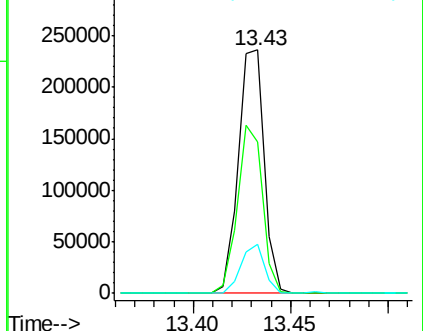
206 20.3 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.70 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

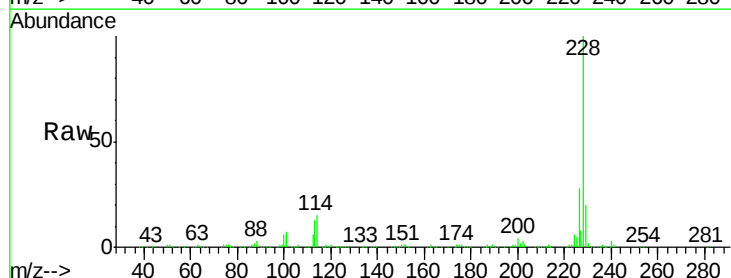
Tgt Ion:228 Resp: 409586

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

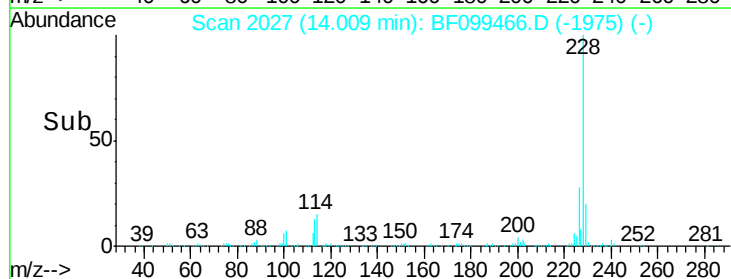
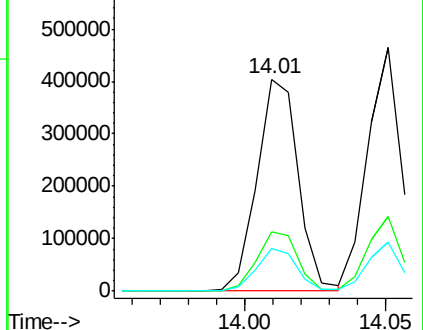
229 20.0 15.8 23.6

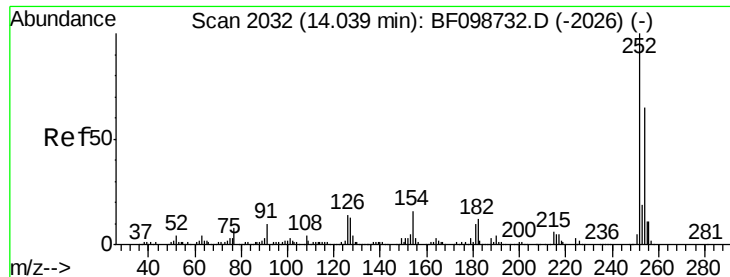


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

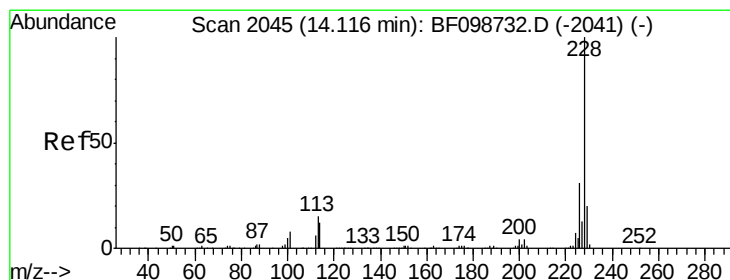
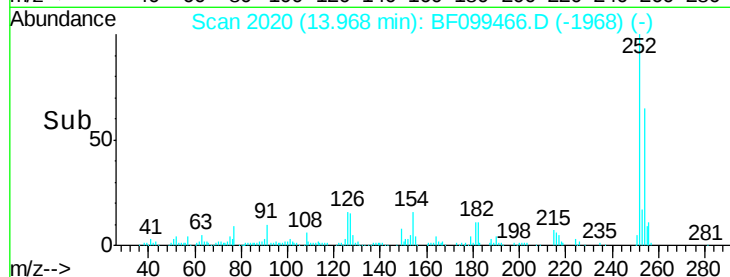
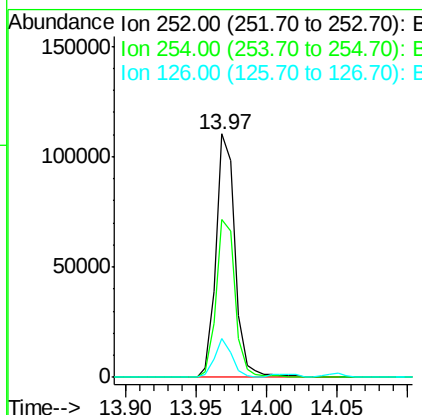
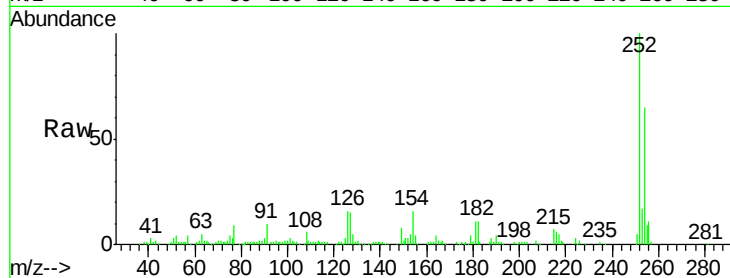




#81
 3,3'-Dichlorobenzidine
 Concen: 26.11 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

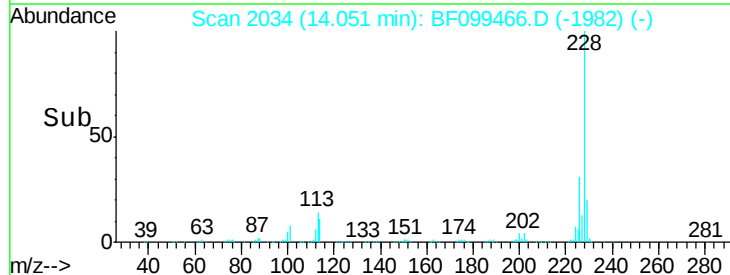
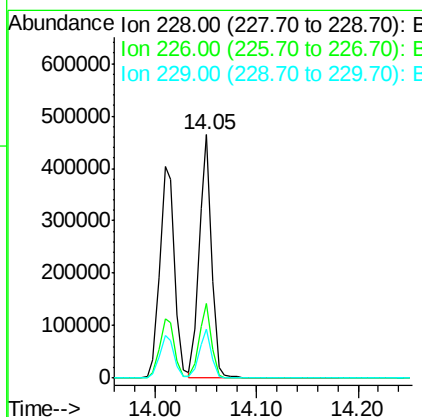
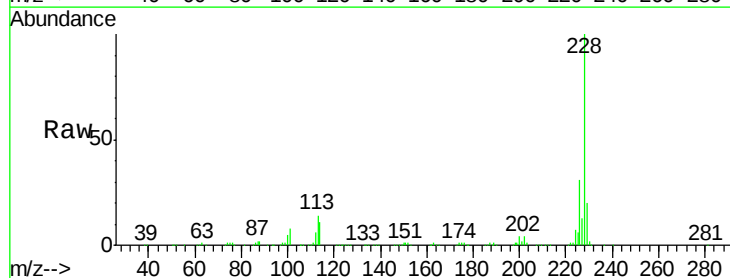
Instrument :
 BNA_F
 ClientSampled :

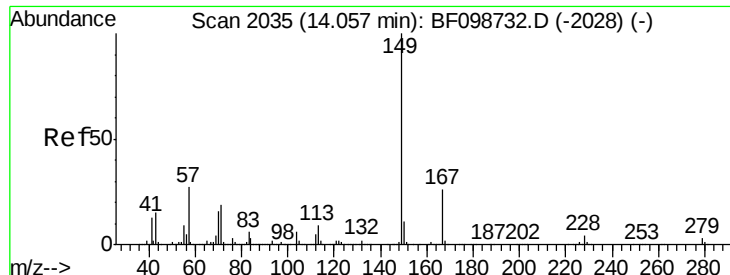
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	15.7	11.3	16.9



#82
 Chrysene
 Concen: 37.77 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.19 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099466.D

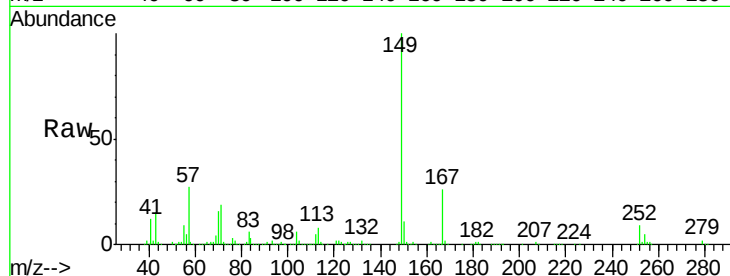
Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

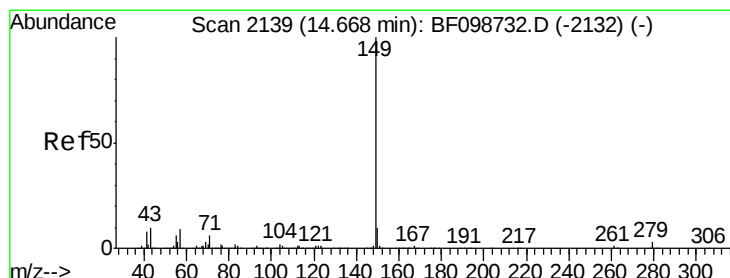
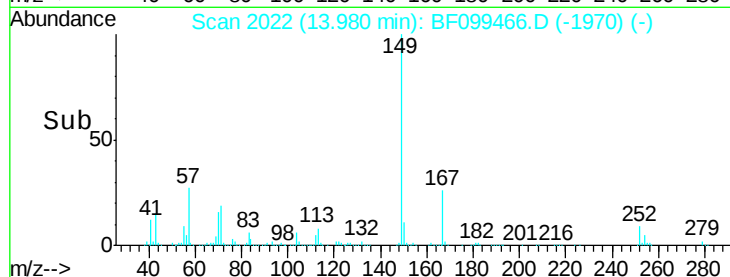
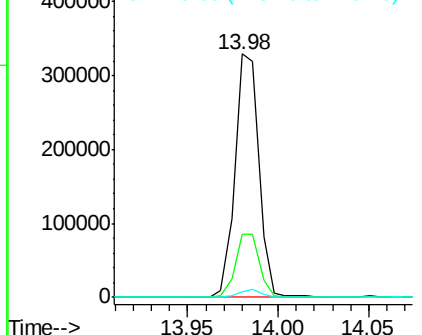
Tot Ion:	149	Resp:	302667
Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	2.4	3.0	4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.88 ng

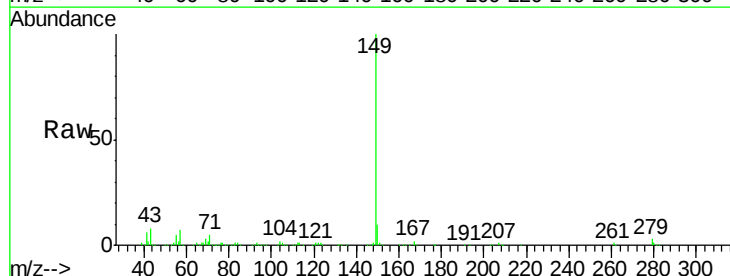
RT: 14.60 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

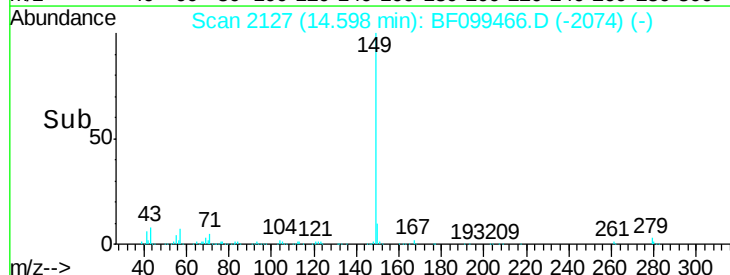
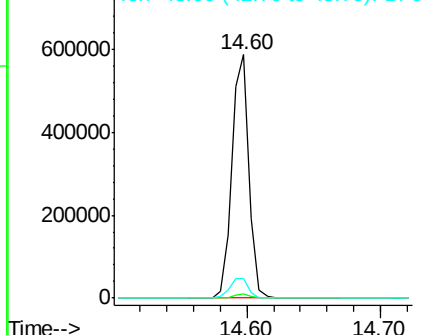
Tgt Ion:	149	Resp:	525823
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	8.4	12.6

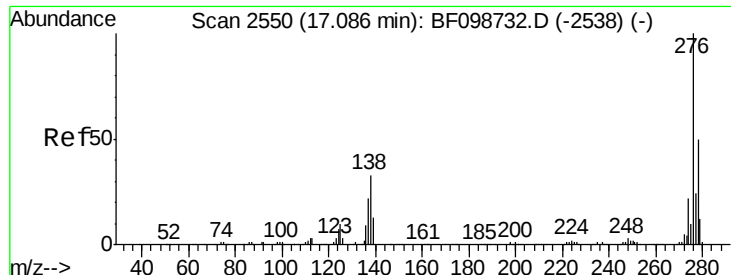


Abundance Ion 149.00 (148.70 to 149.70): E

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: 52.85 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.03 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampled :

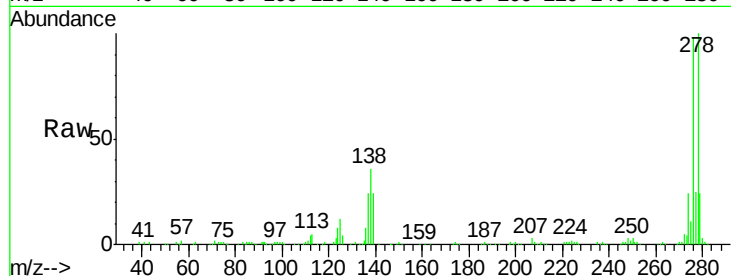
Tot Ion:276 Resp: 437324

Ion Ratio Lower Upper

276 100

138 34.5 25.0 37.6

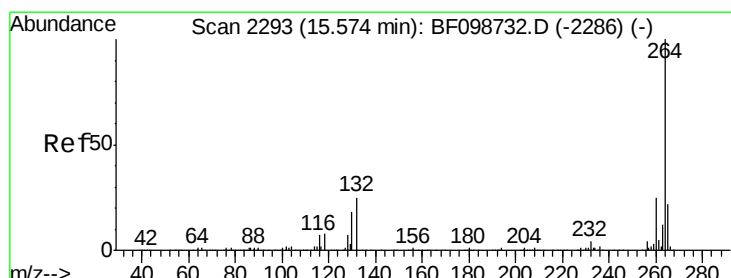
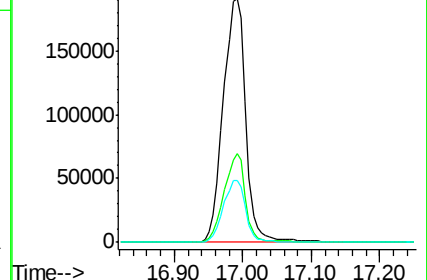
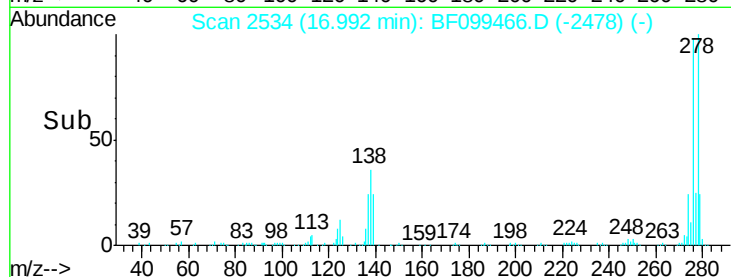
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

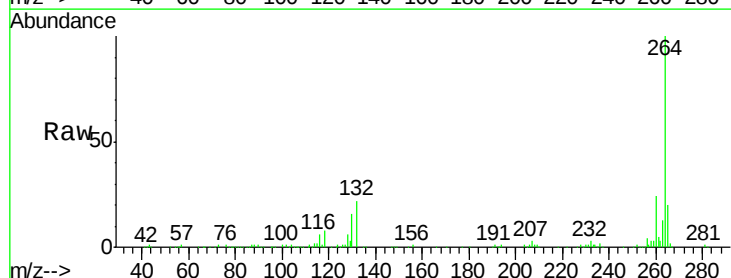
Tgt Ion:264 Resp: 200876

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

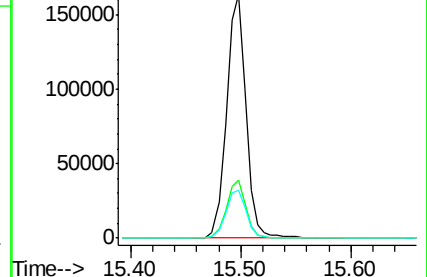
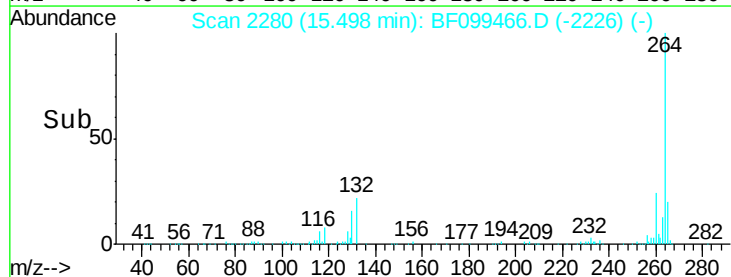
265 19.8 17.5 26.3

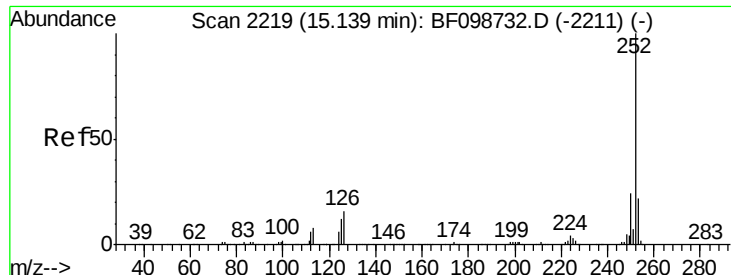


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

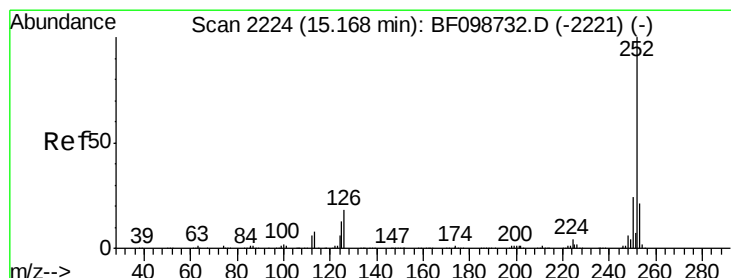
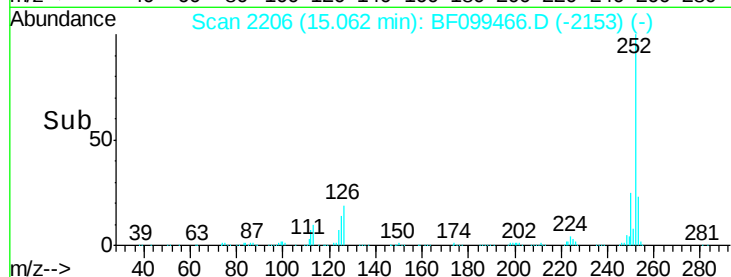
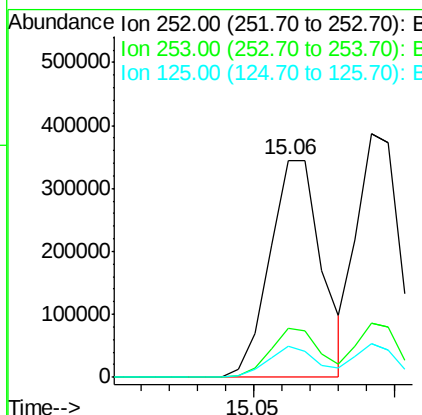
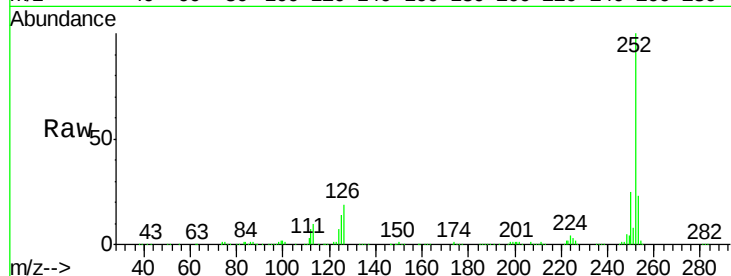




#87
Benzo(b)fluoranthene
Concen: 35.76 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

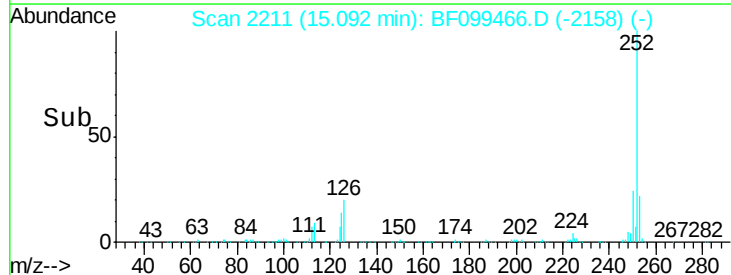
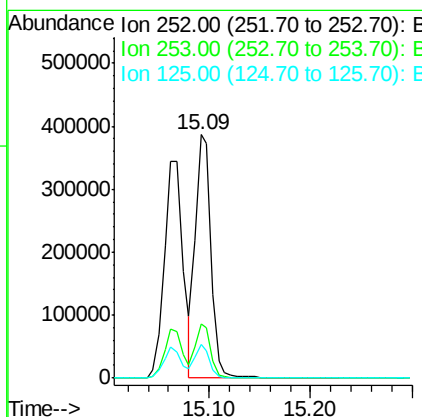
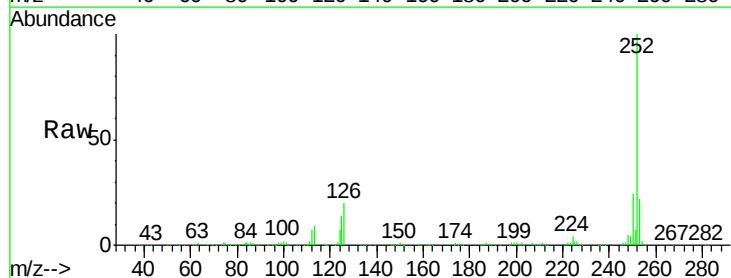
Instrument :
BNA_F
ClientSampleId :

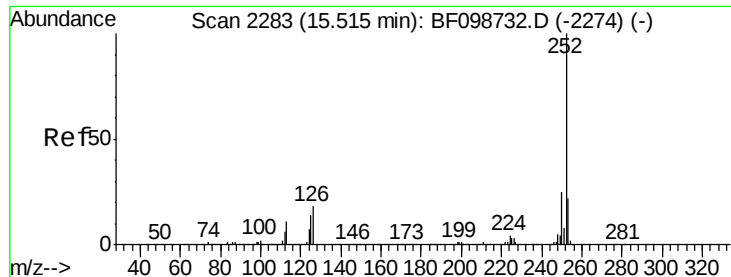
Tot Ion:252 Resp: 441688
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 14.3 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 33.85 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099466.D
Acq: 14 Oct 2017 4:09

Tgt Ion:252 Resp: 412972
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 14.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.85 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.02 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

Instrument :

BNA_F

ClientSampleId :

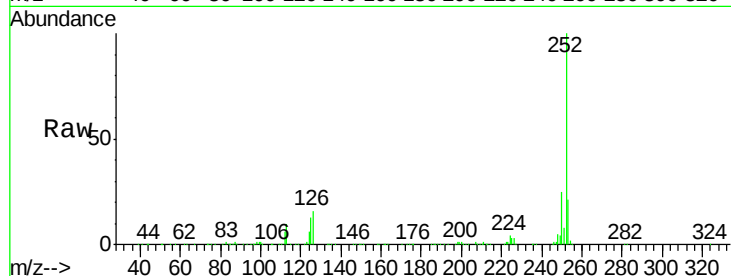
Tot Ion:252 Resp: 429159

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

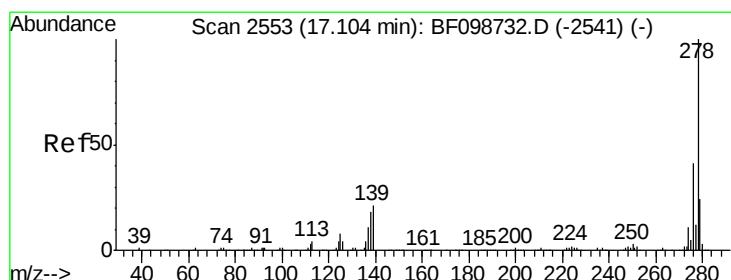
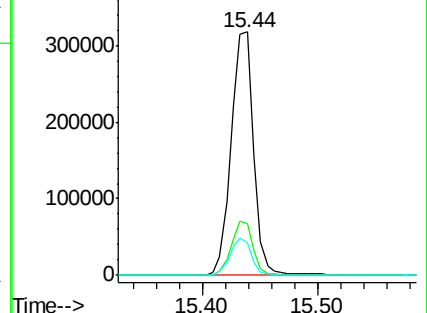
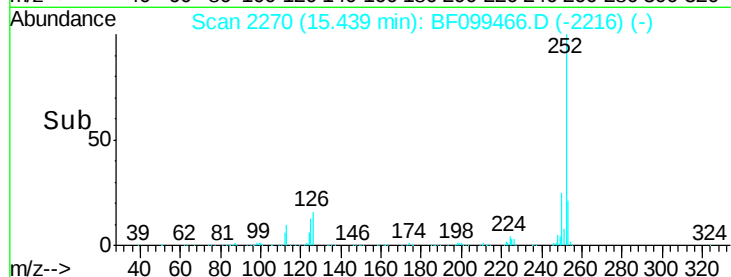
125 13.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.32 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF099466.D

Acq: 14 Oct 2017 4:09

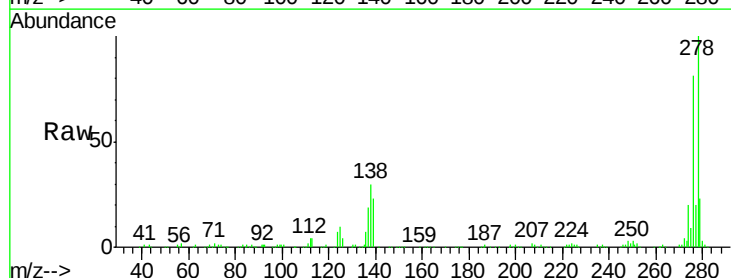
Tgt Ion:278 Resp: 365802

Ion Ratio Lower Upper

278 100

139 22.5 15.9 23.9

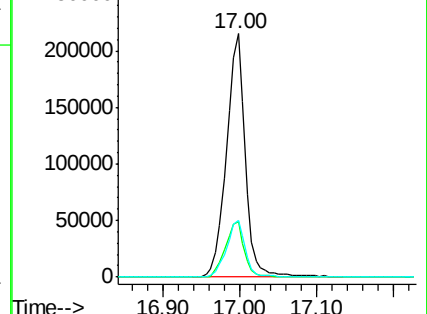
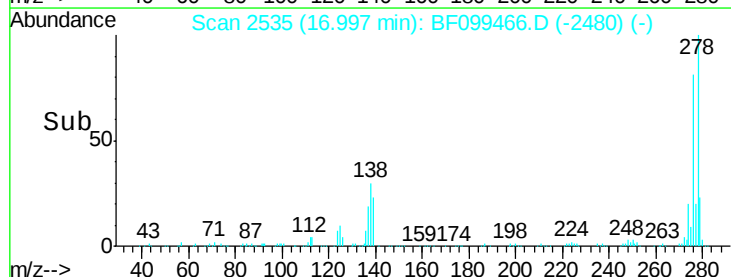
279 23.4 19.0 28.4

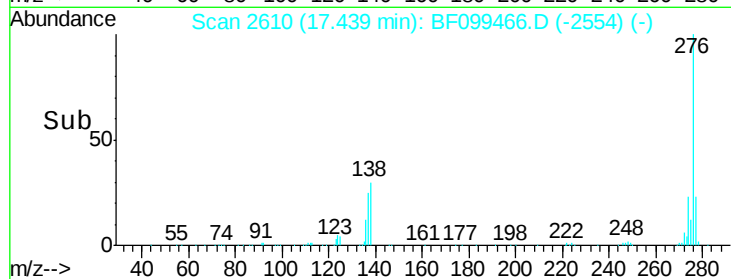
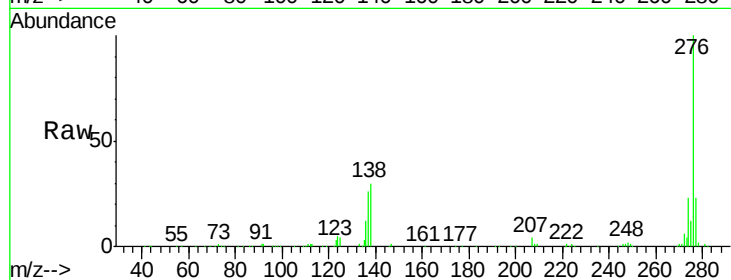
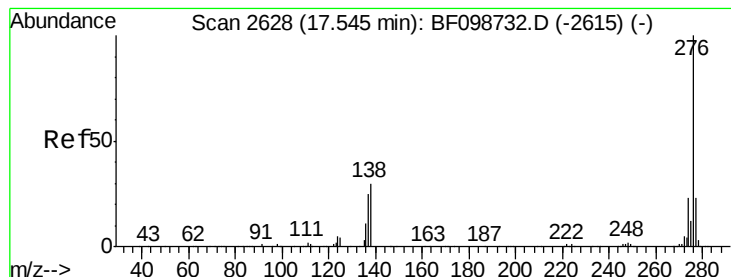


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.63 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.03 min
 Lab File: BF099466.D
 Acq: 14 Oct 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	29.6	21.8	32.8

