

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099631.D
 Acq On : 18 Oct 2017 21:42
 Operator : SJ/JU
 Sample : I5930-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 22:16:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	104975	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	404306	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	157466	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	222714	20.00	ng	0.00
75) Chrysene-d12	14.00	240	184359	20.00	ng	0.00
86) Perylene-d12	15.46	264	177449	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	610492	92.58	ng	0.01
7) Phenol-d6	6.47	99	727024	89.37	ng	0.00
23) Nitrobenzene-d5	7.40	82	425611	67.51	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	112858	87.59	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	753605	79.90	ng	0.00
78) Terphenyl-d14	12.93	244	472050	58.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	68784	21.836	ng	# 92
3) Pyridine	3.40	79	178736	20.975	ng	90
4) n-Nitrosodimethylamine	3.33	42	76920	21.287	ng	# 77
6) Aniline	6.50	93	215596	19.637	ng	93
8) 2-Chlorophenol	6.62	128	212254	28.423	ng	91
9) Benzaldehyde	6.39	77	56484	11.970	ng	89
10) Phenol	6.49	94	287876	31.642	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	201295	28.461	ng	94
12) 1,3-Dichlorobenzene	6.77	146	225358	28.815	ng	97
13) 1,4-Dichlorobenzene	6.85	146	226728	28.493	ng	98
14) 1,2-Dichlorobenzene	7.00	146	212667	28.925	ng	97
15) Benzyl Alcohol	6.97	79	154988	25.971	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	260608	23.650	ng	81
17) 2-Methylphenol	7.09	107	173359	28.371	ng	94
18) Hexachloroethane	7.33	117	74437	26.026	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	132880	25.585	ng	91
20) 3+4-Methylphenols	7.25	107	216601	28.021	ng	# 79
22) Acetophenone	7.24	105	280583	28.644	ng	# 97
24) Nitrobenzene	7.42	77	204918	28.653	ng	93
25) Isophorone	7.65	82	373458	28.651	ng	97
26) 2-Nitrophenol	7.73	139	111352	32.379	ng	91
27) 2,4-Dimethylphenol	7.77	122	182895	28.161	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	247473	30.466	ng	99
29) 2,4-Dichlorophenol	7.97	162	171647	30.782	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	175478	31.464	ng	98
31) Naphthalene	8.13	128	583615	30.735	ng	100
32) Benzoic acid	7.86	122	12846	2.408	ng	82
33) 4-Chloroaniline	8.19	127	142147	17.926	ng	95
34) Hexachlorobutadiene	8.24	225	86337	30.056	ng	98
35) Caprolactam	8.55	113	51525	28.806	ng	# 83
36) 4-Chloro-3-methylphenol	8.67	107	165441	26.396	ng	92
37) 2-Methylnaphthalene	8.82	142	392063	31.761	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	155488	33.110	ng	98
40) Hexachlorocyclopentadiene	8.97	237	21019	9.794	ng	96

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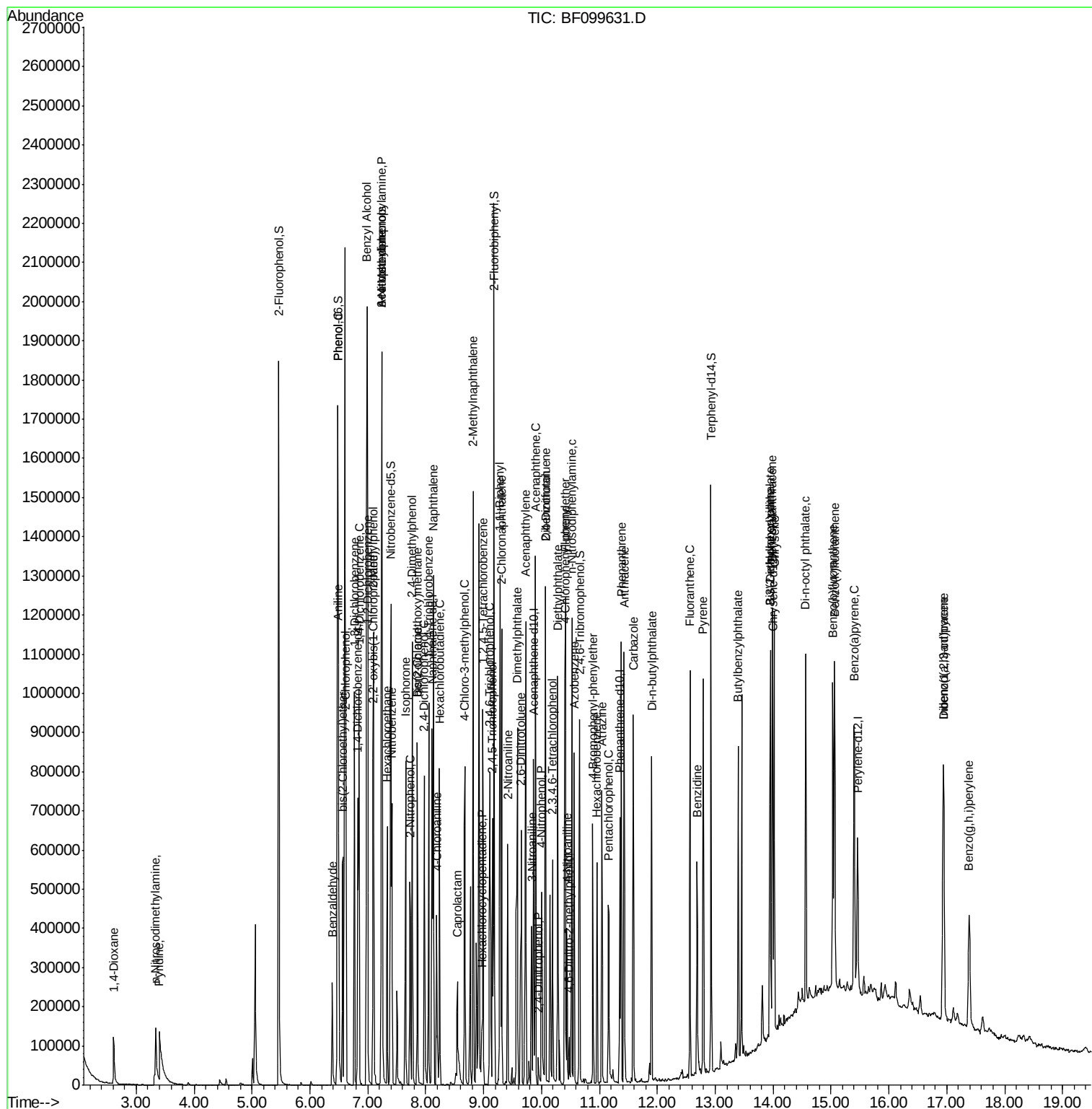
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	102428	30.788	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	104803	31.557	nq	95
45) 1,1'-Biphenyl	9.29	154	444495	32.845	nq	97
46) 2-Chloronaphthalene	9.31	162	337535	33.218	nq	97
47) 2-Nitroaniline	9.42	65	90390	29.052	nq	84
48) Acenaphthylene	9.73	152	487431	31.336	nq	100
49) Dimethylphthalate	9.58	163	428715	36.073	nq	100
50) 2,6-Dinitrotoluene	9.65	165	84354	32.602	nq	91
51) Acenaphthene	9.90	154	284407	28.864	nq	98
52) 3-Nitroaniline	9.83	138	73075	24.222	nq	90
53) 2,4-Dinitrophenol	9.95	184	11417	13.686	nq	93
54) Dibenzofuran	10.07	168	417874	31.852	nq	99
55) 4-Nitrophenol	10.00	139	92470	36.249	nq	87
56) 2,4-Dinitrotoluene	10.06	165	96518	28.743	nq	# 92
57) Fluorene	10.41	166	317976	30.155	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	67446	29.399	nq	96
59) Diethylphthalate	10.28	149	361910	31.164	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	150489	31.771	nq	97
61) 4-Nitroaniline	10.44	138	67827	23.304	nq	88
62) Azobenzene	10.56	77	299562	28.054	nq	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	15648	11.548	nq	88
65) n-Nitrosodiphenylamine	10.52	169	281511	36.486	nq	98
66) 4-Bromophenyl-phenylether	10.89	248	78076	35.815	nq	# 87
67) Hexachlorobenzene	10.96	284	75130	32.268	nq	# 88
68) Atrazine	11.05	200	80145	34.525	nq	99
69) Pentachlorophenol	11.16	266	56248	38.817	nq	99
70) Phenanthrene	11.37	178	394668	33.106	nq	99
71) Anthracene	11.43	178	399249	32.731	nq	99
72) Carbazole	11.59	167	358512	30.014	nq	99
73) Di-n-butylphthalate	11.90	149	459625	31.968	nq	97
74) Fluoranthene	12.56	202	391282	32.413	nq	99
76) Benzidine	12.69	184	212899	31.222	nq	97
77) Pyrene	12.79	202	405417	28.839	nq	99
79) Butylbenzylphthalate	13.40	149	182173	27.573	nq	95
80) Benzo(a)anthracene	13.99	228	363627	32.573	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	121874	29.781	nq	97
82) Chrysene	14.02	228	338785	31.876	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	255835	28.122	nq	# 99
84) Di-n-octyl phthalate	14.57	149	471310	32.174	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.94	276	285871	33.625	nq	96
87) Benzo(b)fluoranthene	15.03	252	344415	31.568	nq	# 96
88) Benzo(k)fluoranthene	15.06	252	342979	31.828	nq	99
89) Benzo(a)pyrene	15.40	252	326939	32.645	nq	# 97
90) Dibenzo(a,h)anthracene	16.94	278	249875	31.177	nq	97
91) Benzo(g,h,i)perylene	17.39	276	233810	29.512	nq	97

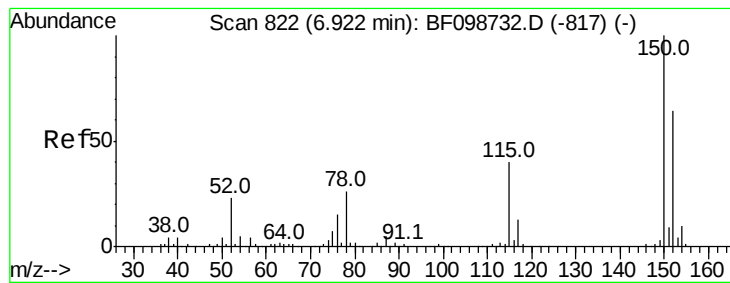
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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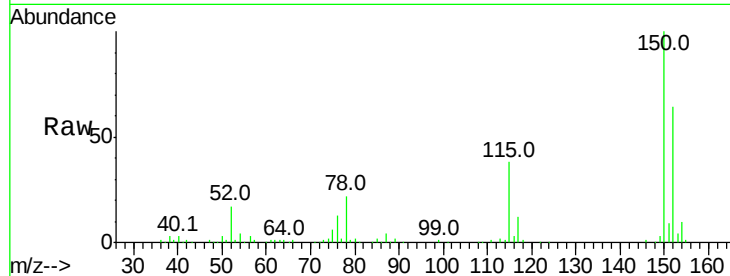


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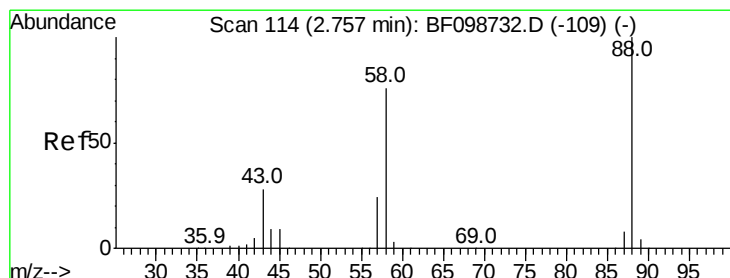
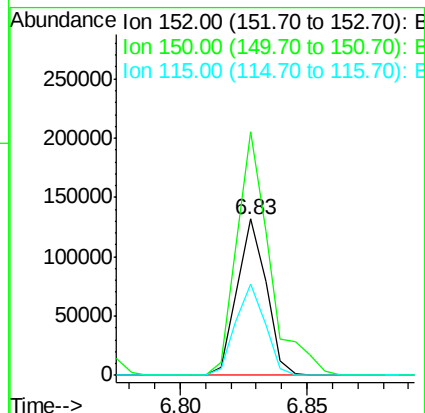
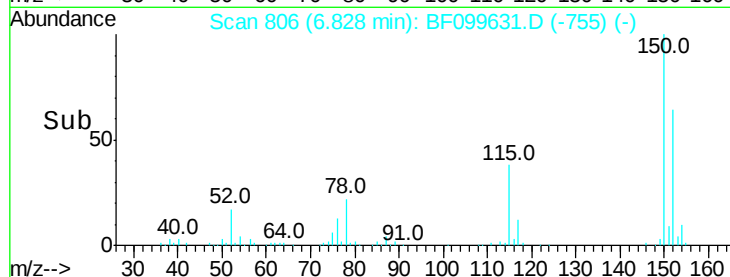
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 104975
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 58.8 50.1 75.1



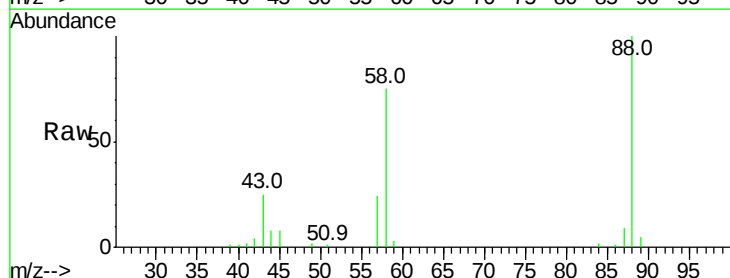
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



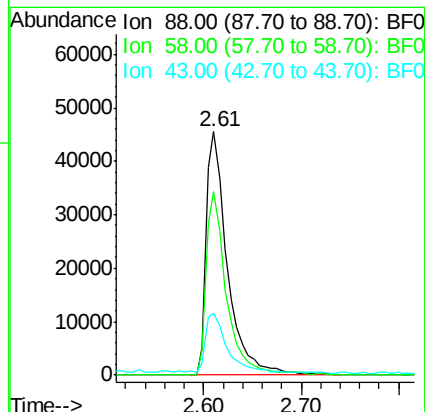
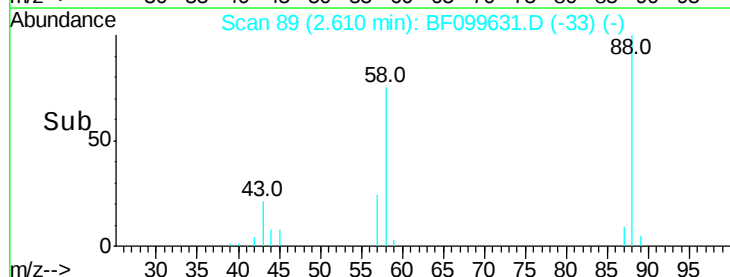
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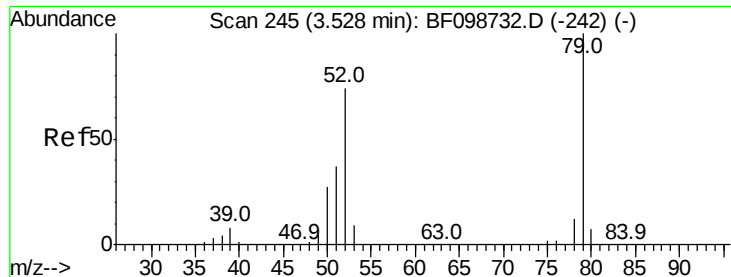
1,4-Dioxane
 Concen: 21.836 ng
 RT: 2.61 min Scan# 89
 Delta R.T. 0.03 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Tgt Ion: 88 Resp: 68784
 Ion Ratio Lower Upper
 88 100
 58 72.1 62.6 93.8
 43 24.2 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0



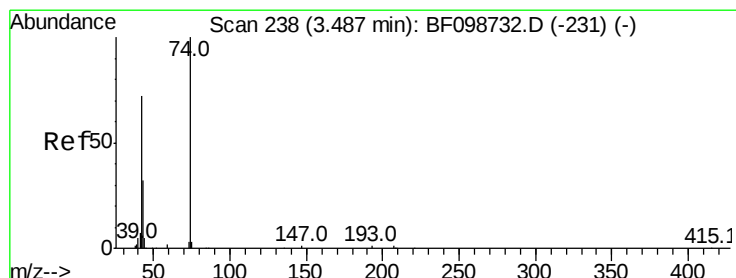
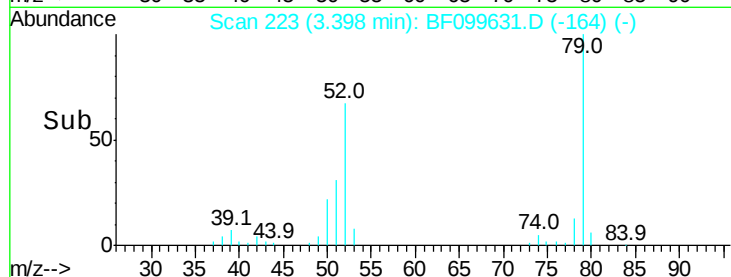
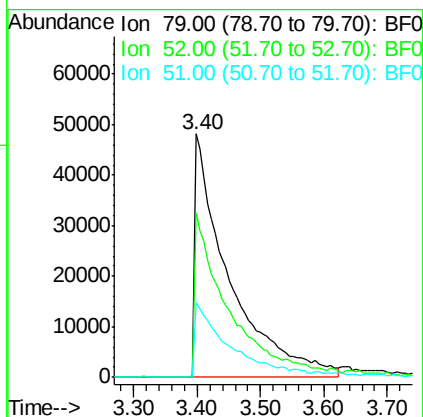
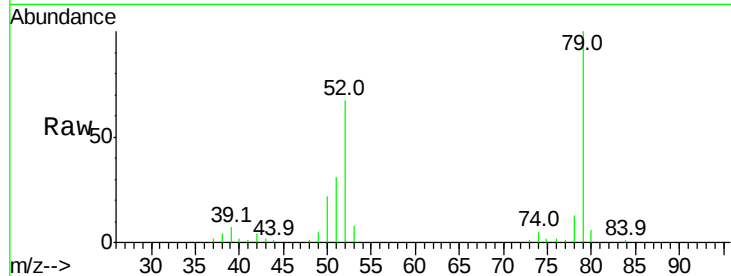


#3
Pvridine
Concen: 20.975 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.05 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 178736

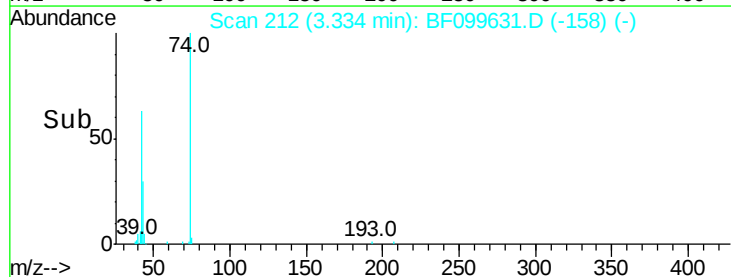
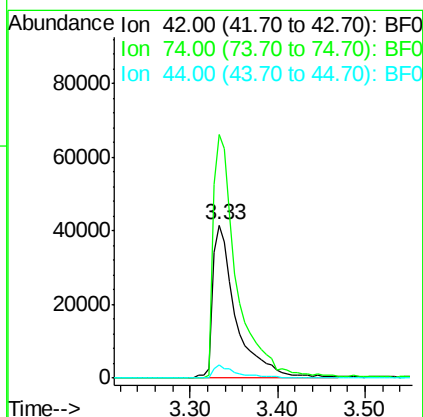
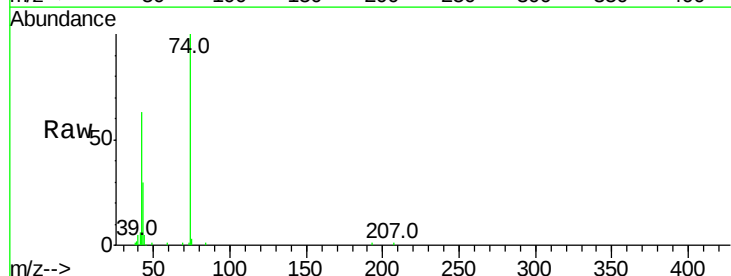
Ion	Ratio	Lower	Upper
79	100		
52	67.2	59.8	89.6
51	30.7	29.8	44.8



#4
n-Nitrosodimethylamine
Concen: 21.287 ng
RT: 3.33 min Scan# 212
Delta R.T. 0.02 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion: 42 Resp: 76920

Ion	Ratio	Lower	Upper
42	100		
74	159.2	104.9	157.3#
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 92.578 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF099631.D

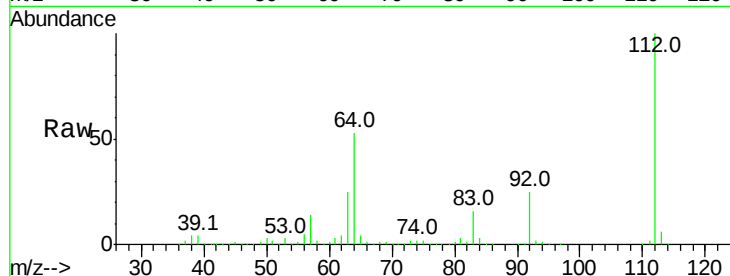
Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampled :

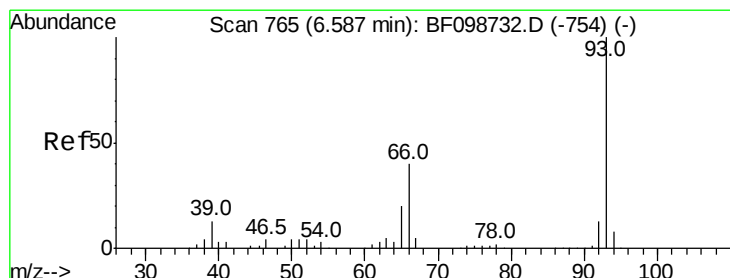
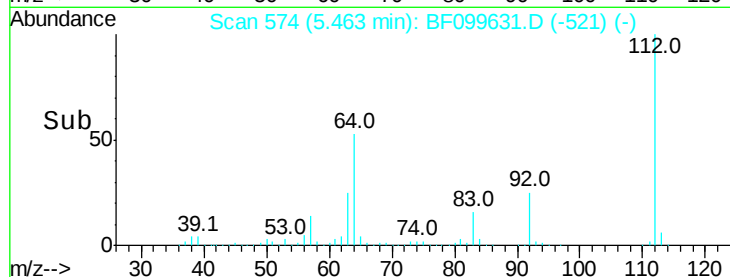
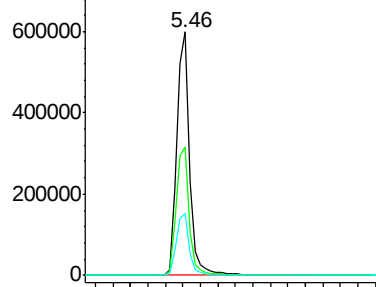
Tot Ion:	112	Resp:	610492
Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	25.3	23.7	35.5



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: 19.637 ng

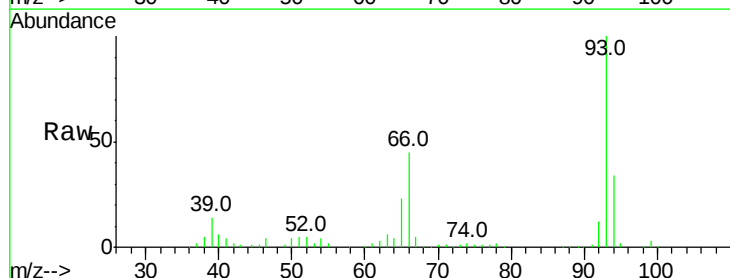
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

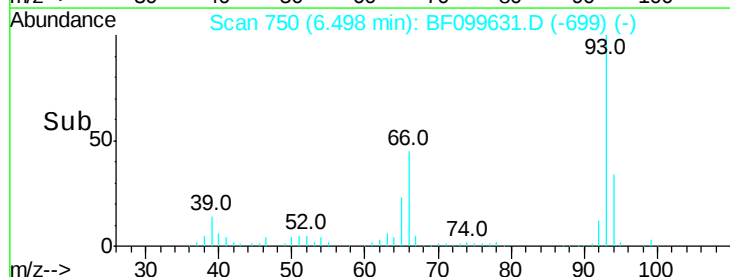
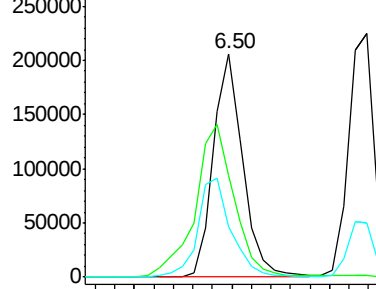
Tgt Ion:	93	Resp:	215596
Ion	Ratio	Lower	Upper
93	100		
66	45.5	32.2	48.2
65	22.6	16.4	24.6

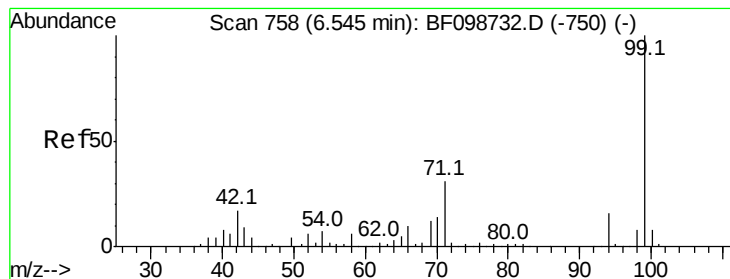


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.372 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

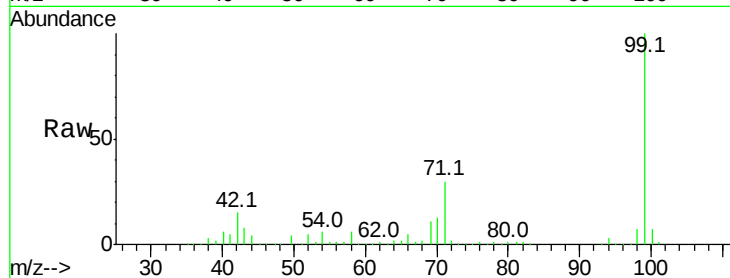
Tot Ion: 99 Resp: 727024

Ion Ratio Lower Upper

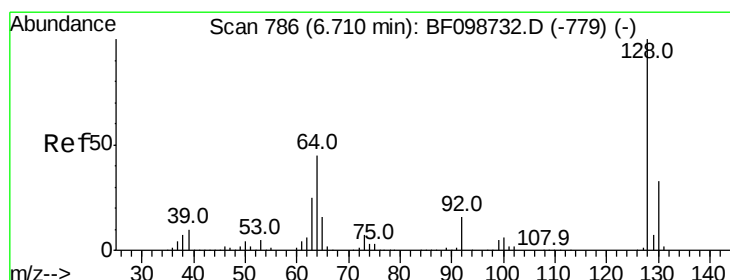
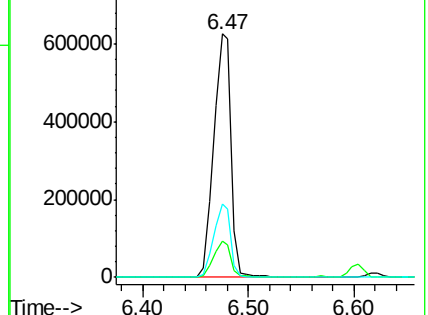
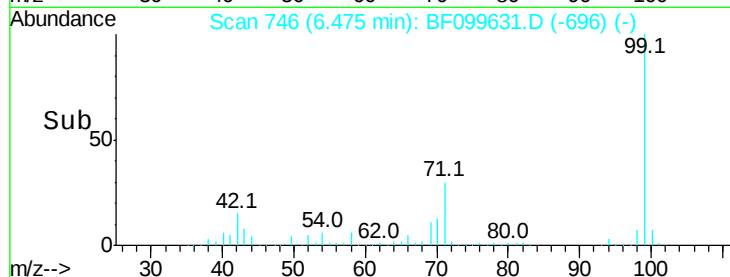
99 100

42 14.7 14.5 21.7

71 30.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 28.423 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

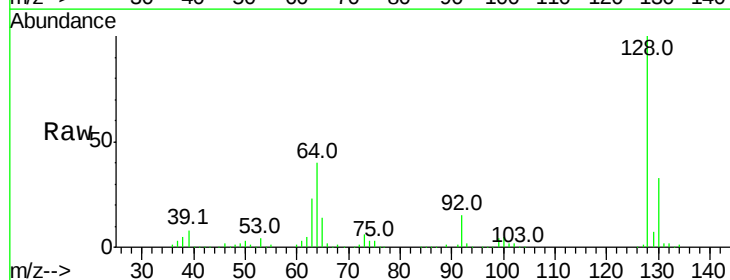
Tgt Ion:128 Resp: 212254

Ion Ratio Lower Upper

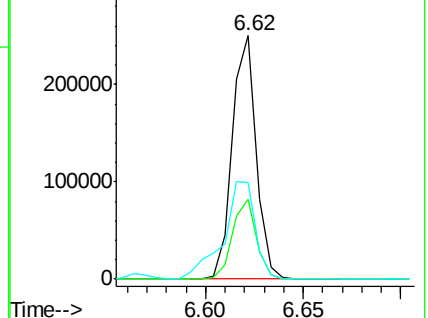
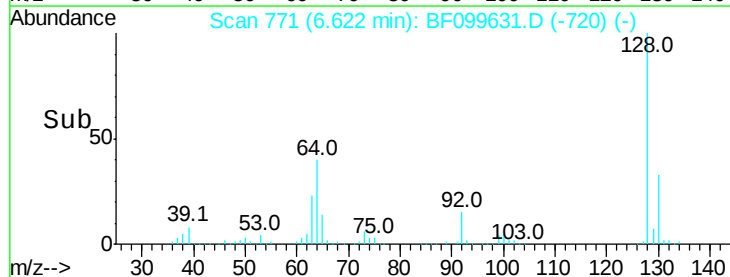
128 100

130 32.8 13.0 53.0

64 39.7 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

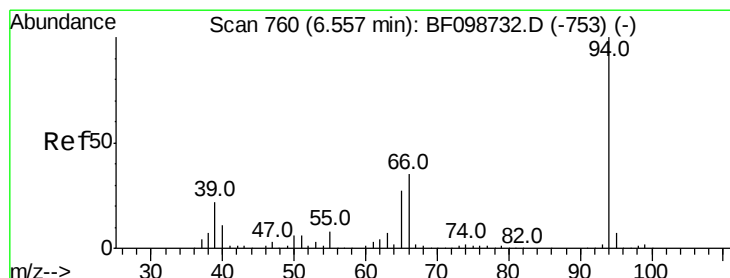
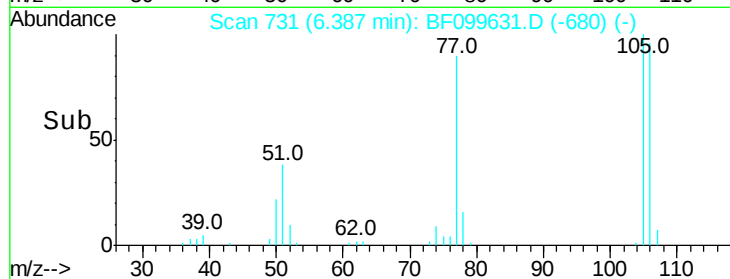
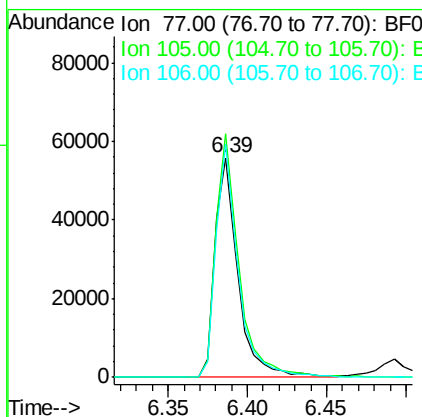
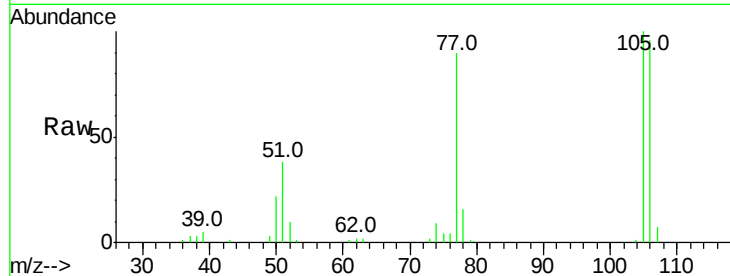




#9
Benzaldehyde
Concen: 11.970 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

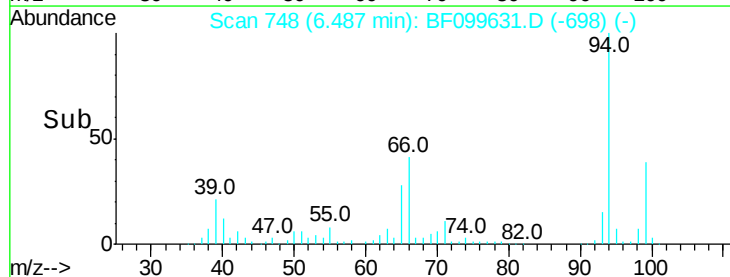
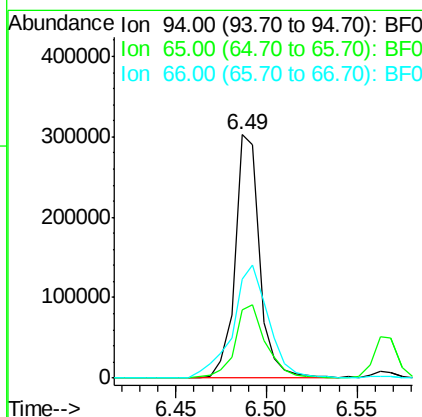
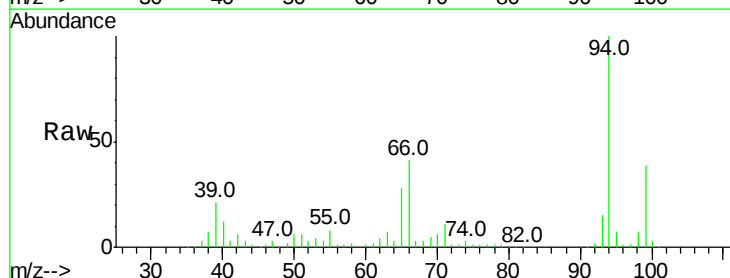
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 56484
Ion Ratio Lower Upper
77 100
105 110.7 81.1 121.1
106 106.2 74.5 114.5



#10
Phenol
Concen: 31.642 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion: 94 Resp: 287876
Ion Ratio Lower Upper
94 100
65 28.3 7.9 47.9
66 40.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 28.461 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

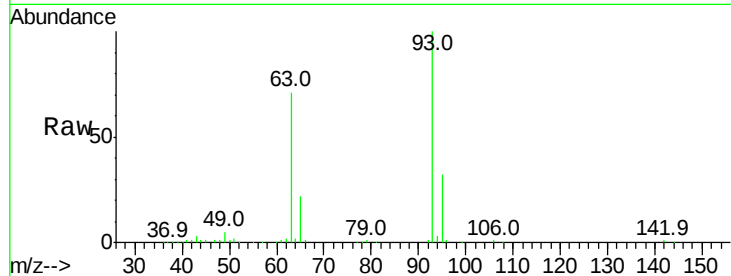
Tot Ion: 93 Resp: 201295

Ion Ratio Lower Upper

93 100

63 70.8 58.6 98.6

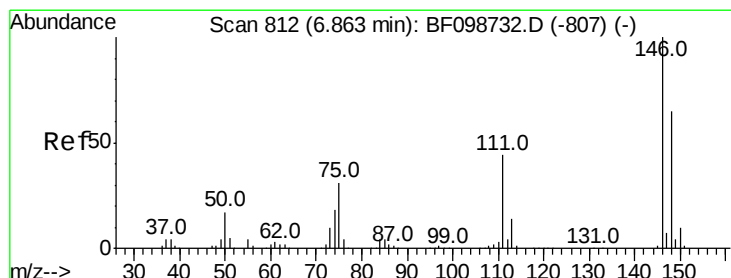
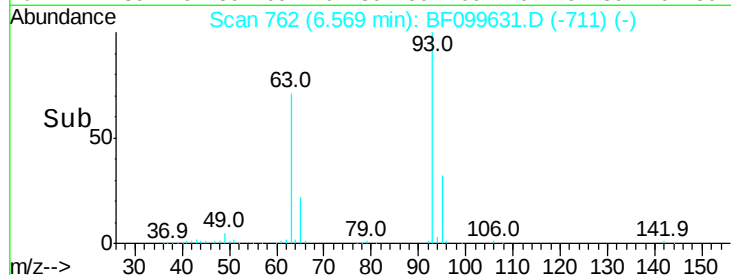
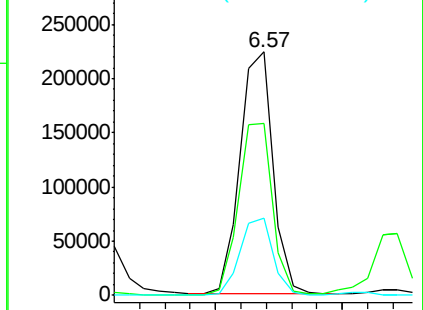
95 31.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 28.815 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

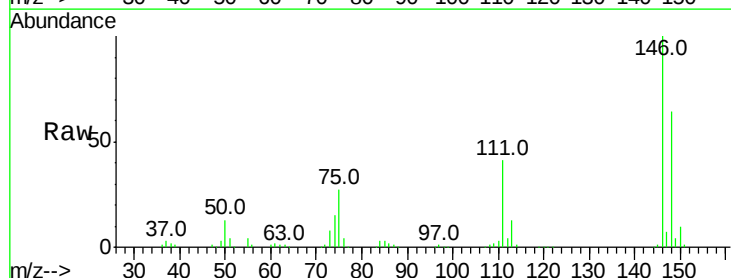
Tgt Ion: 146 Resp: 225358

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

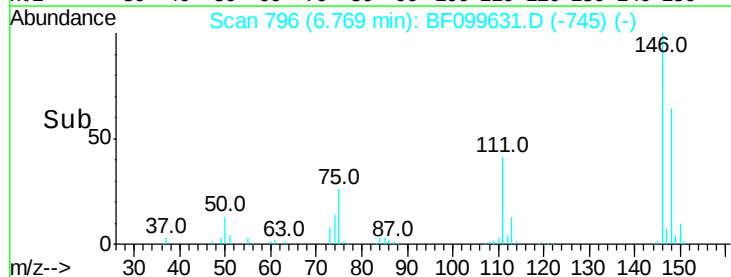
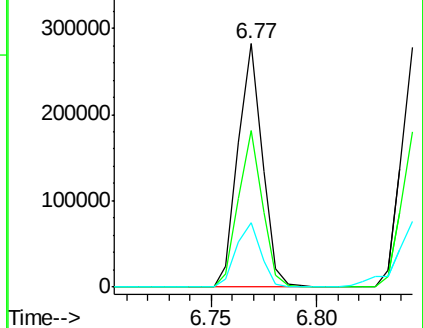
75 26.6 24.2 36.4

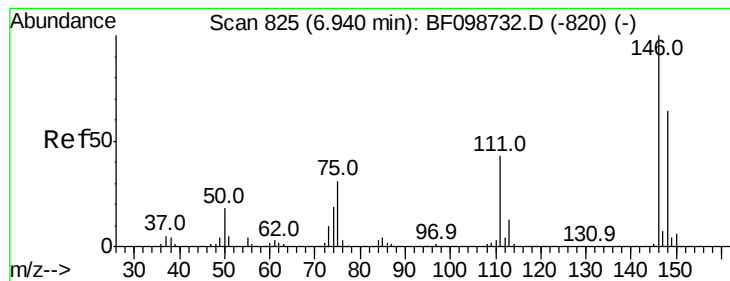


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 28.493 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

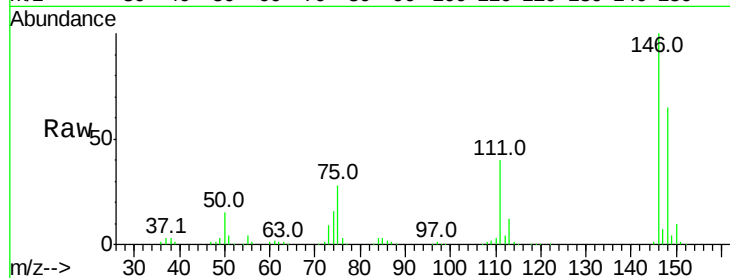
Tot Ion:146 Resp: 226728

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

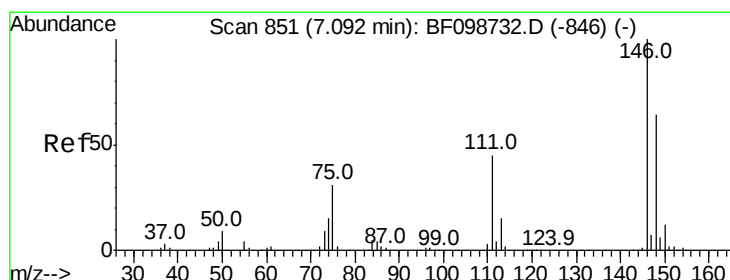
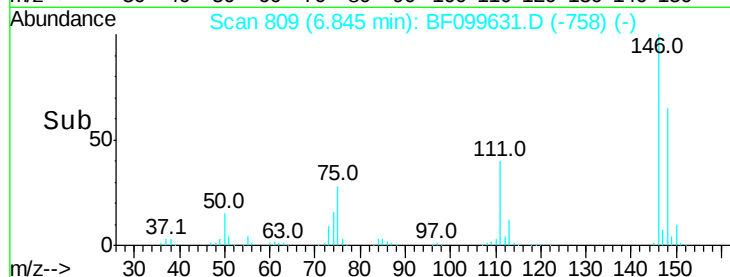
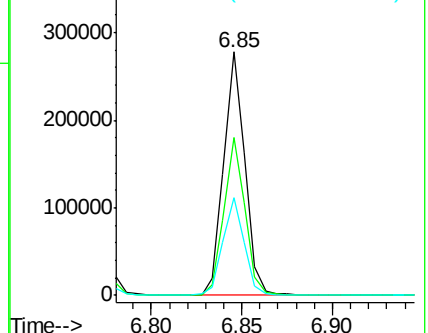
111 40.3 34.2 51.2



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: 28.925 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

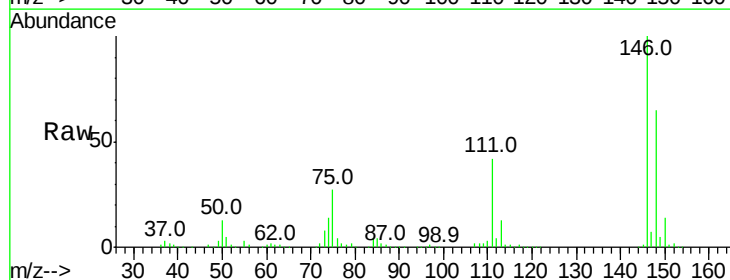
Tgt Ion:146 Resp: 212667

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

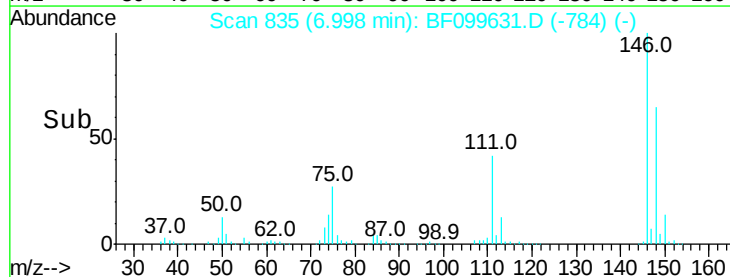
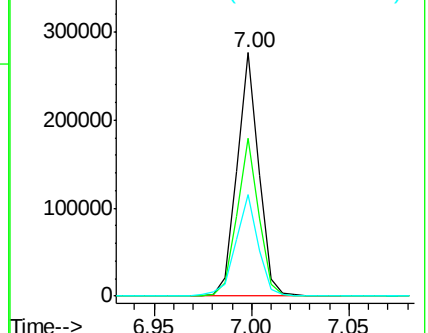
111 41.7 36.0 54.0

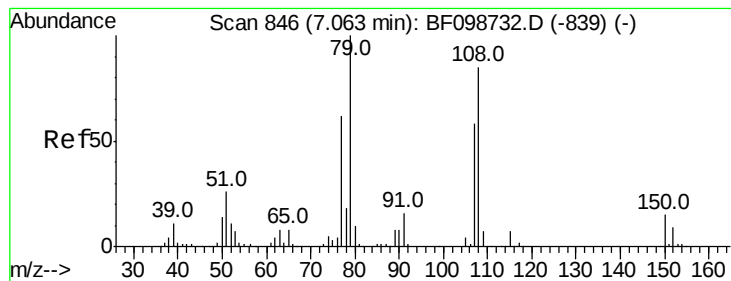


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.971 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampled :

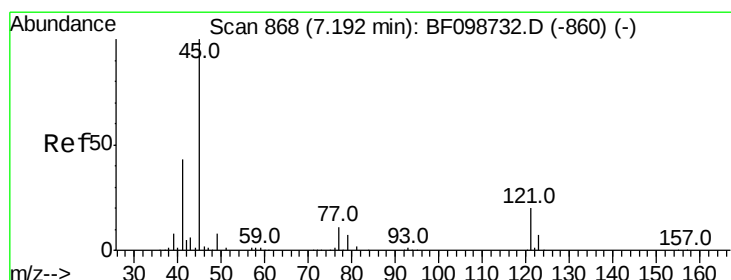
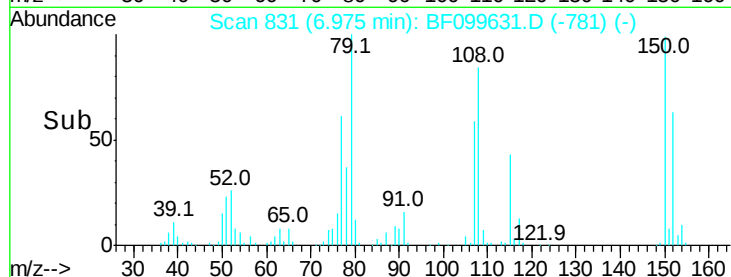
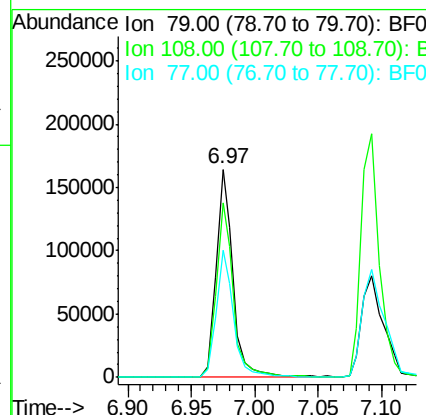
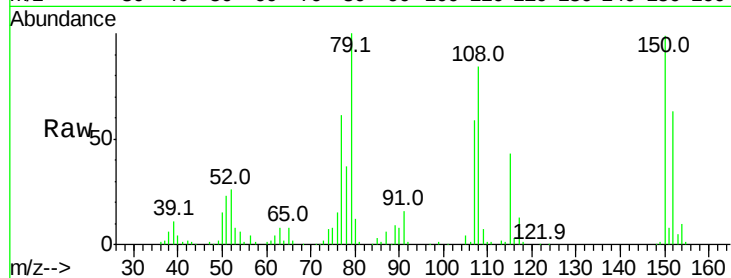
Tot Ion: 79 Resp: 154988

Ion Ratio Lower Upper

79 100

108 83.7 65.1 97.7

77 60.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 23.650 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

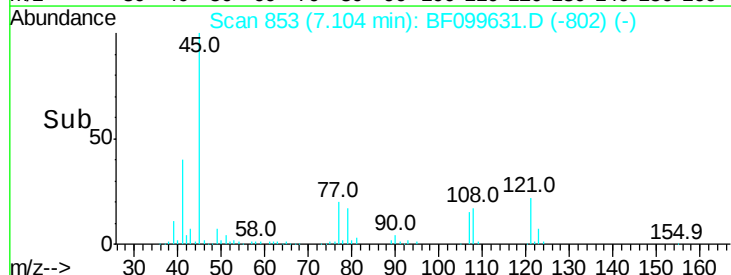
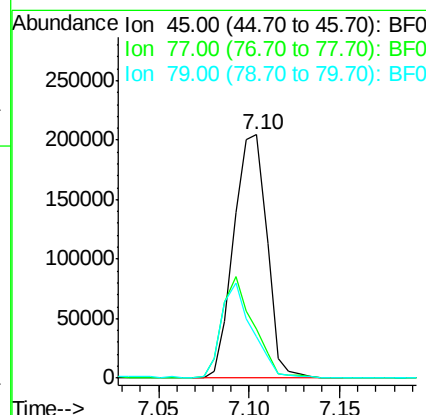
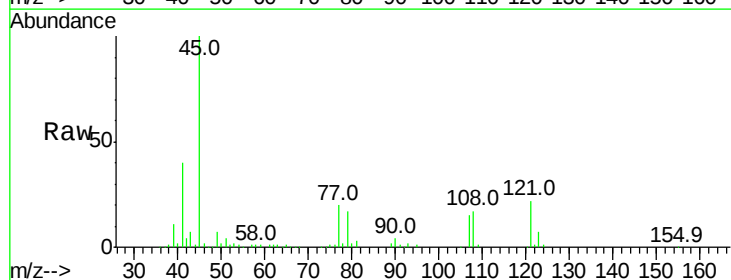
Tgt Ion: 45 Resp: 260608

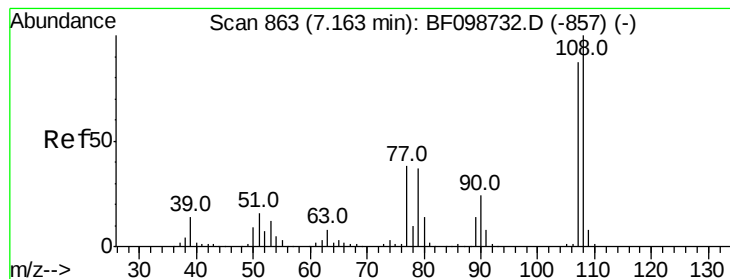
Ion Ratio Lower Upper

45 100

77 20.2 0.0 32.9

79 16.9 0.0 29.6

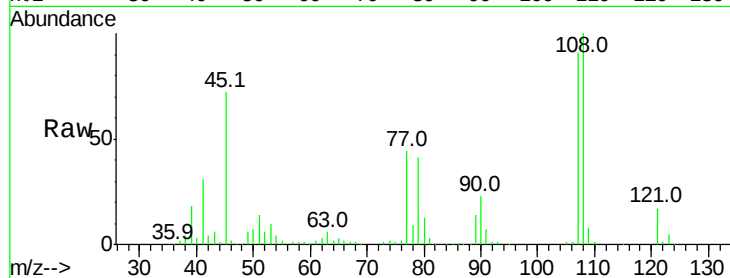




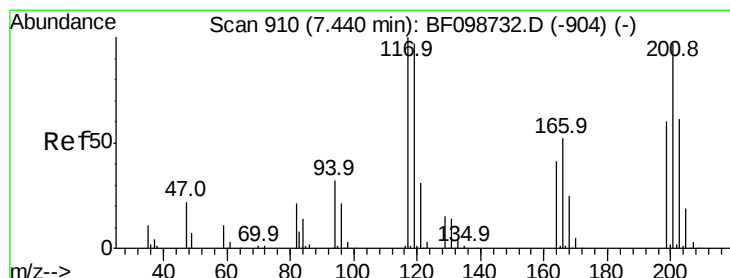
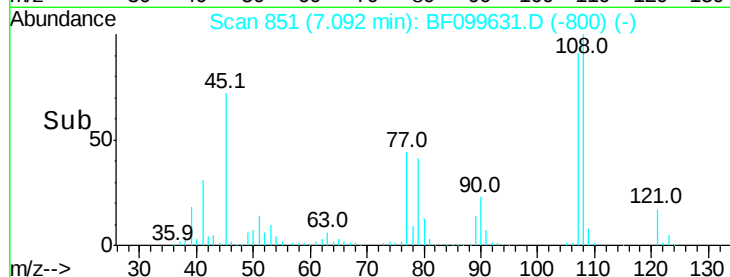
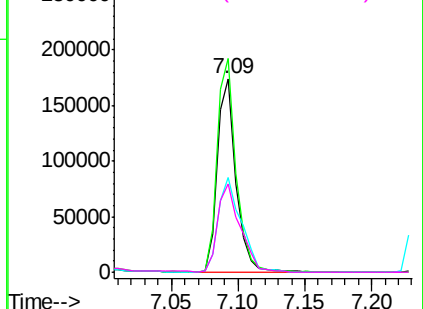
#17
2-Methylphenol
Concen: 28.371 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 173359
Ion Ratio Lower Upper
107 100
108 110.4 91.7 137.5
77 48.7 33.8 50.8
79 45.8 33.8 50.8

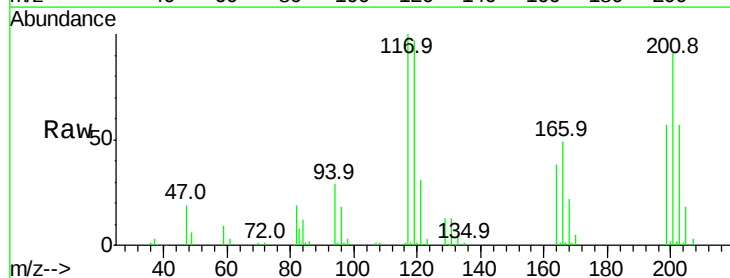


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

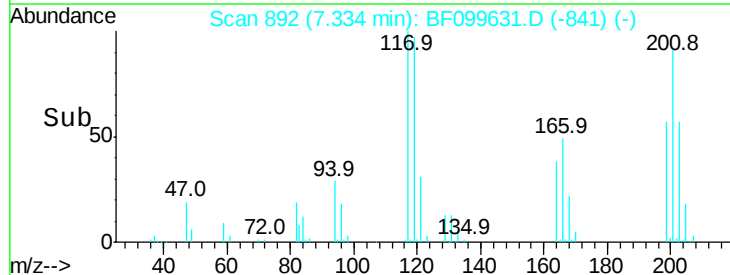
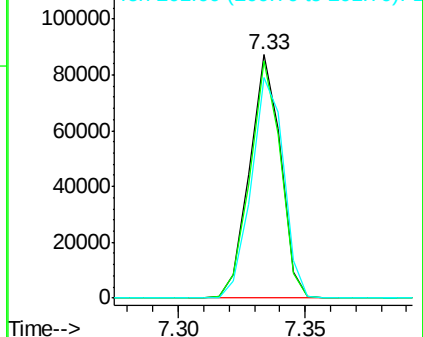


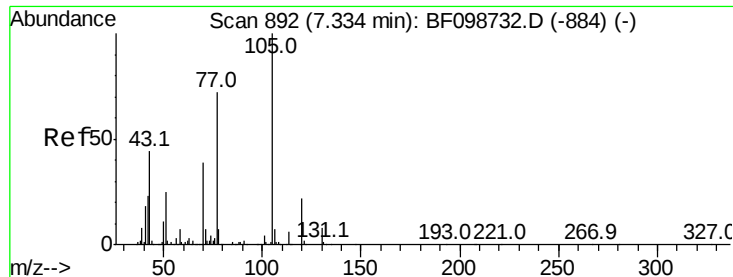
#18
Hexachloroethane
Concen: 26.026 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:117 Resp: 74437
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 90.8 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

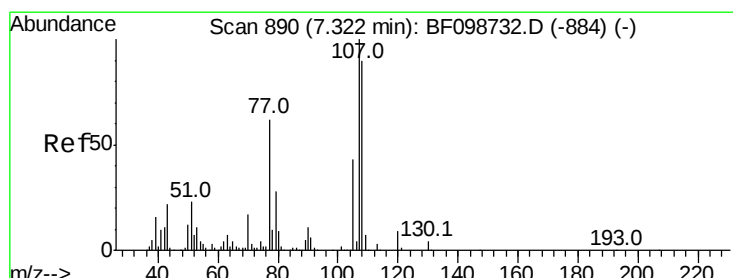
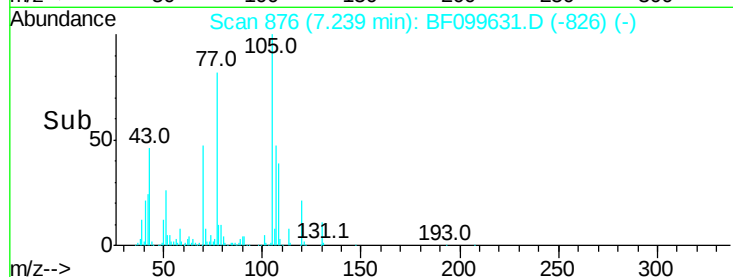
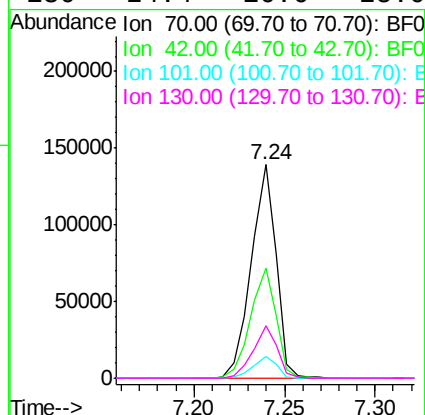
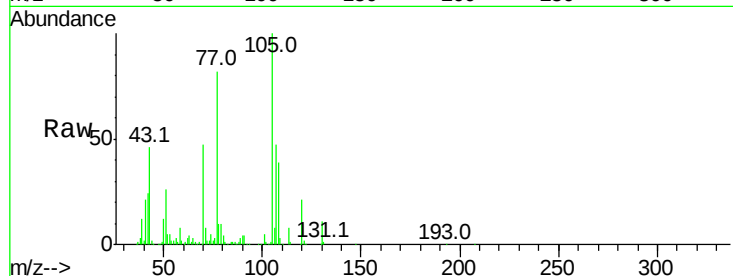




#19
n-Nitroso-di-n-propylamine
Concen: 25.585 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

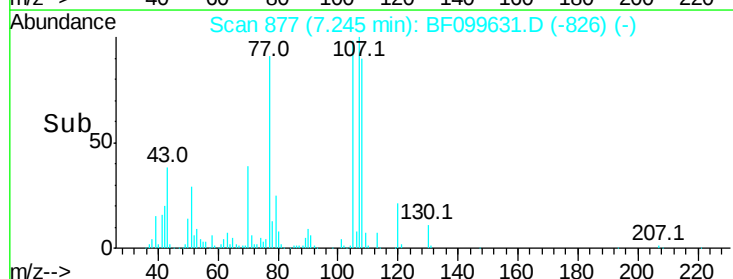
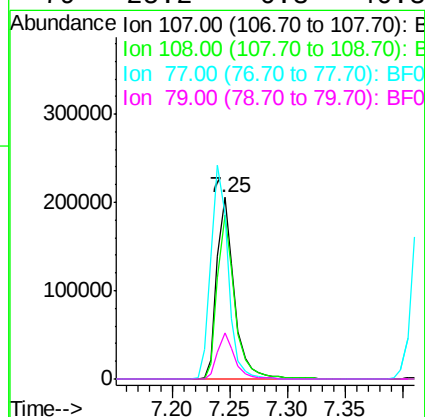
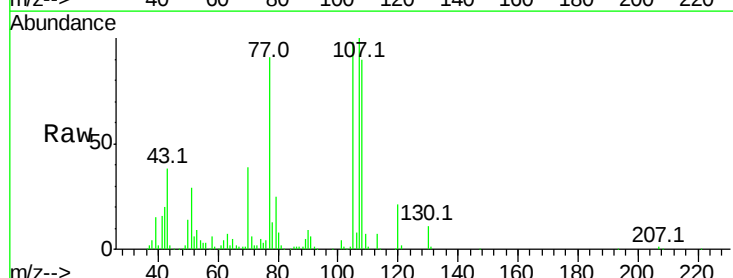
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	132880
Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	10.2	7.4	11.2
130	24.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 28.021 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:	107	Resp:	216601
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.2	108.2
77	91.0	26.7	66.7#
79	25.2	6.3	46.3

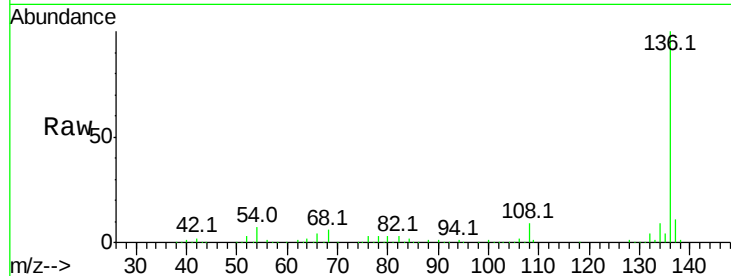




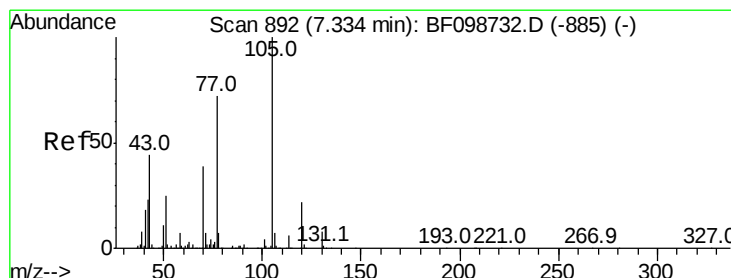
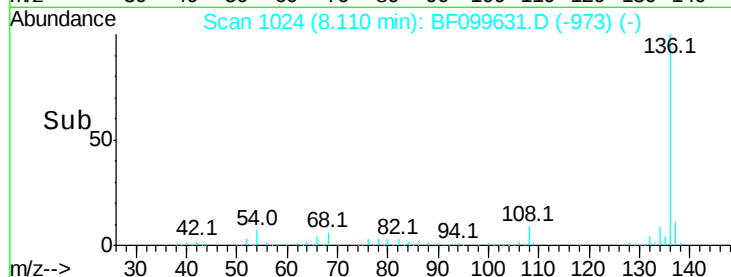
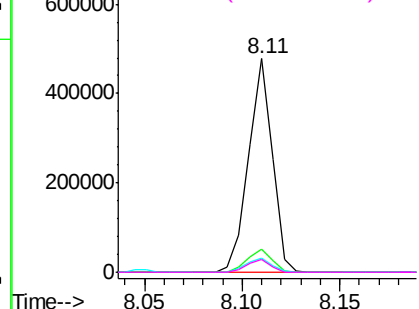
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 404306
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 6.9	6.6 9.8
68 5.7	5.0 7.4

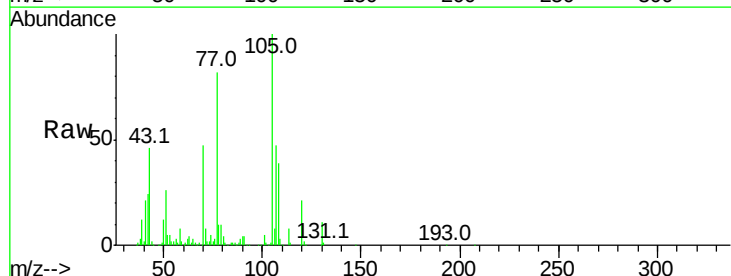


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

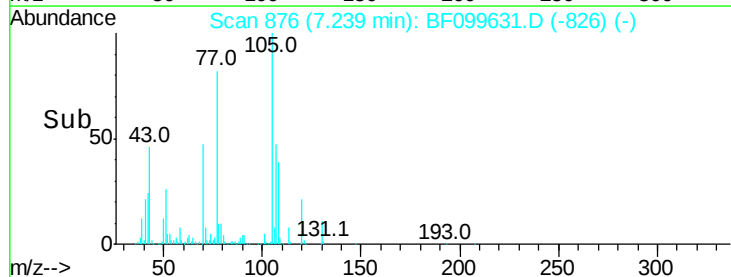
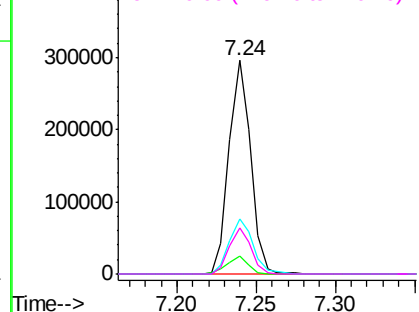


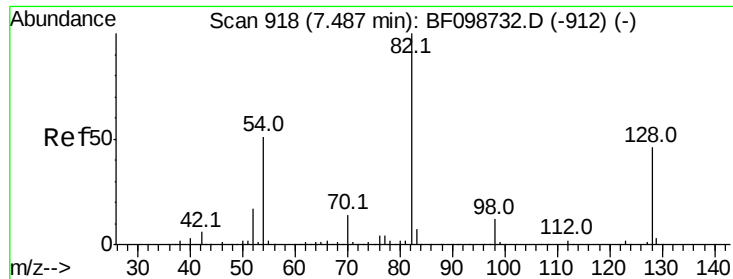
#22
Acetophenone
Concen: 28.644 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt	Ion:105	Resp:	280583
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	25.7	22.3	33.5
120	21.4	16.9	25.3



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

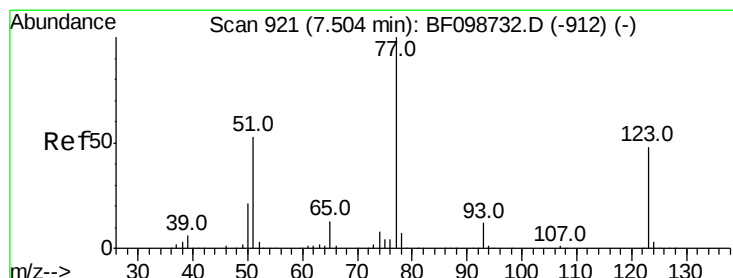
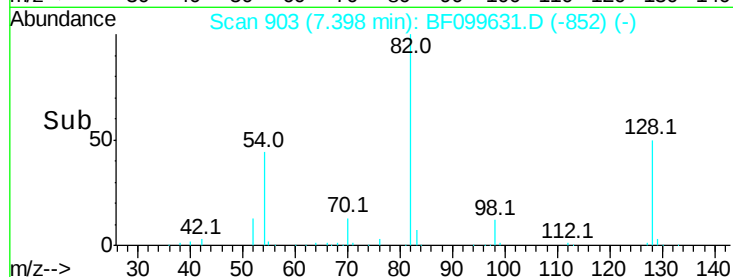
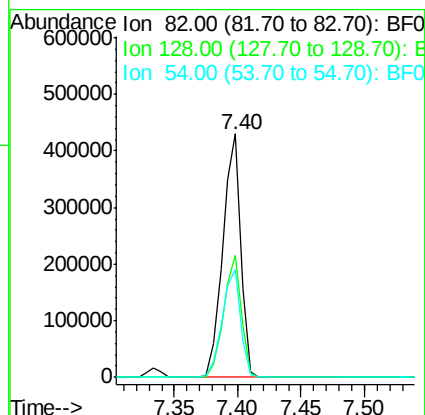
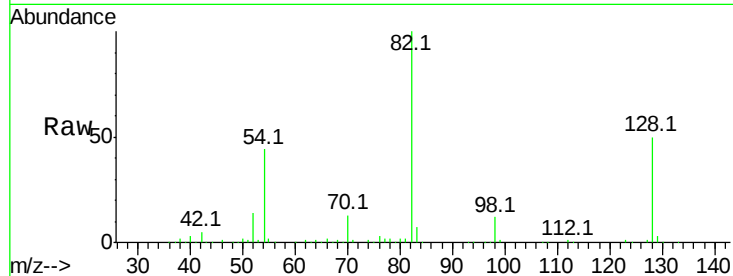




#23
Nitrobenzene-d5
Concen: 67.509 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

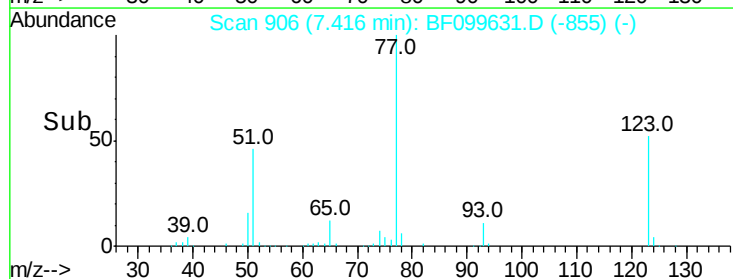
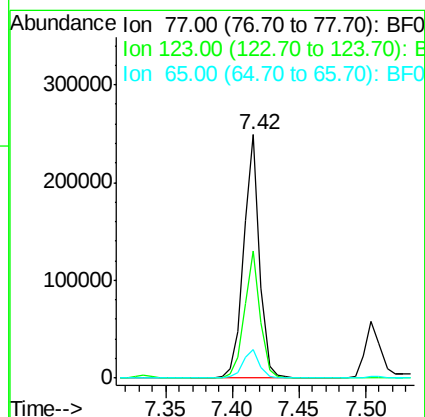
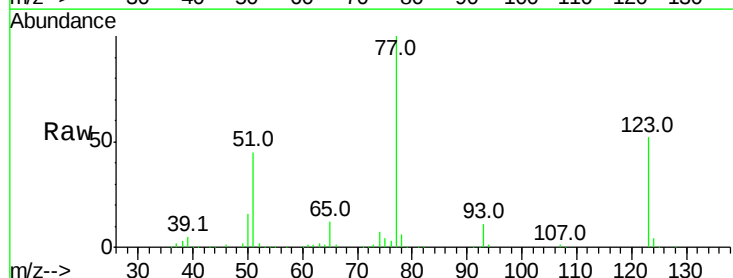
Instrument :
BNA_F
ClientSampled :

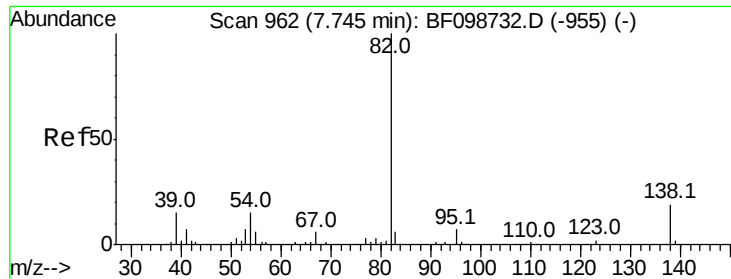
Tot Ion: 82 Resp: 425611
Ion Ratio Lower Upper
82 100
128 50.3 36.1 54.1
54 44.3 41.4 62.2



#24
Nitrobenzene
Concen: 28.653 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion: 77 Resp: 204918
Ion Ratio Lower Upper
77 100
123 52.1 37.9 56.9
65 11.8 11.0 16.4





#25

Isophorone

Concen: 28.651 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

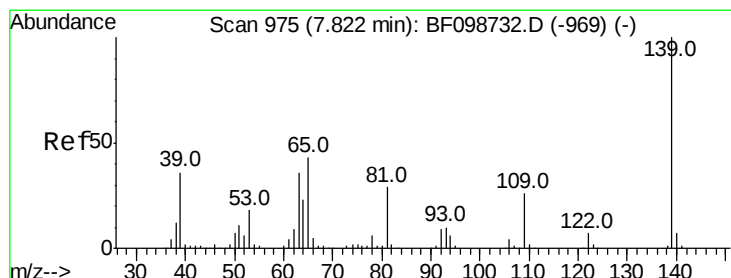
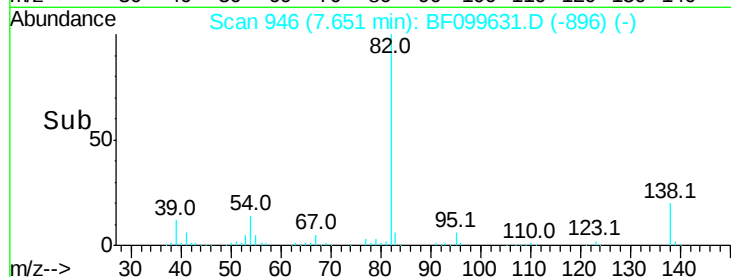
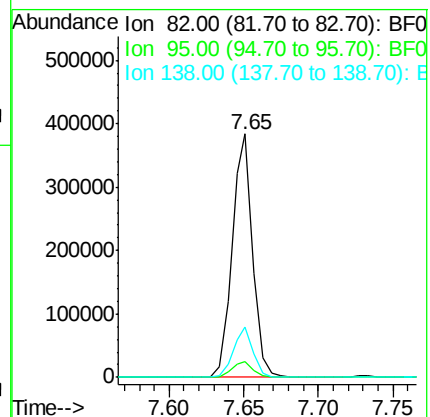
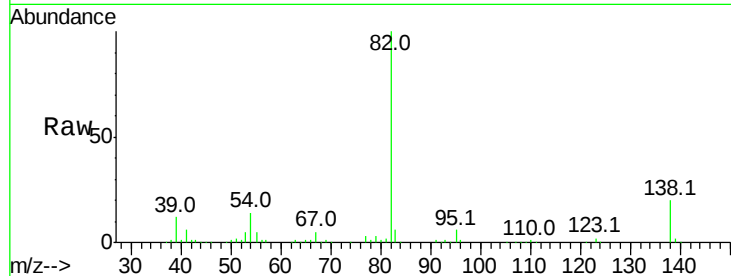
Tot Ion: 82 Resp: 373458

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 20.4 14.9 22.3



#26

2-Nitrophenol

Concen: 32.379 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

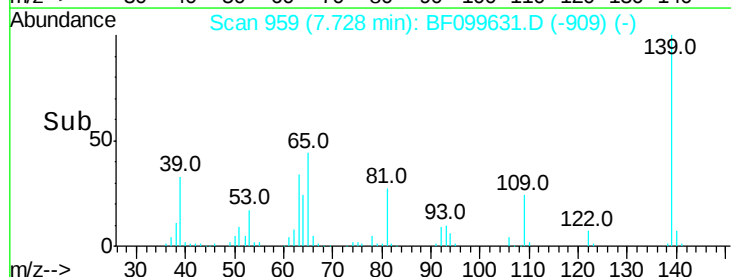
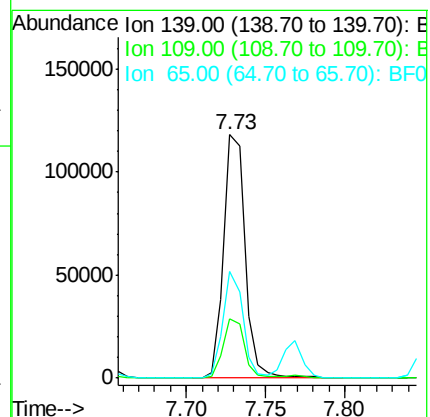
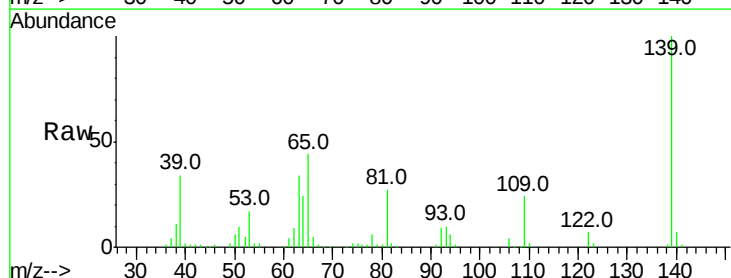
Tgt Ion: 139 Resp: 111352

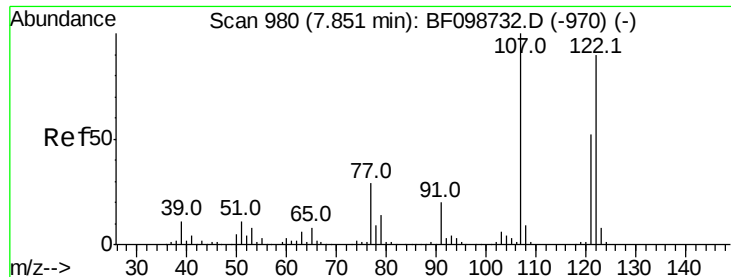
Ion Ratio Lower Upper

139 100

109 24.4 22.7 34.1

65 43.9 40.5 60.7

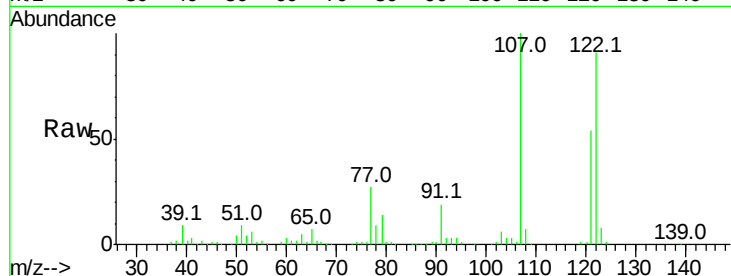




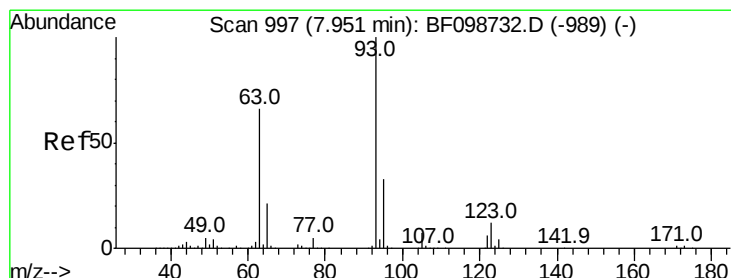
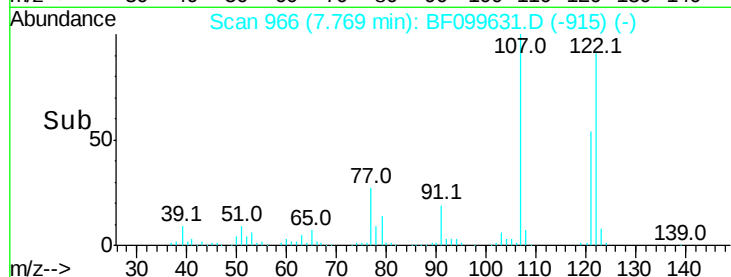
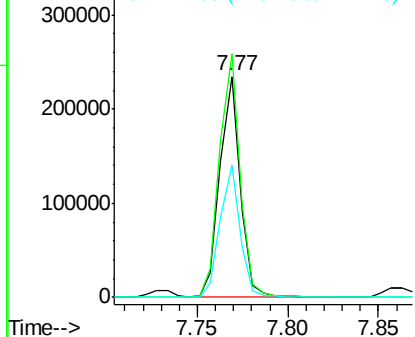
#27
 2,4-Dimethylphenol
 Concen: 28.161 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 182895
 Ion Ratio Lower Upper
 122 100
 107 110.1 91.2 136.8
 121 59.8 47.2 70.8

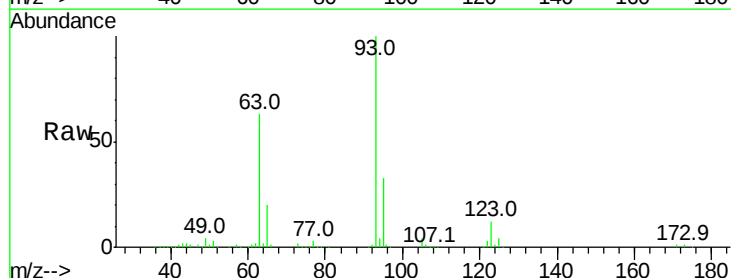


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

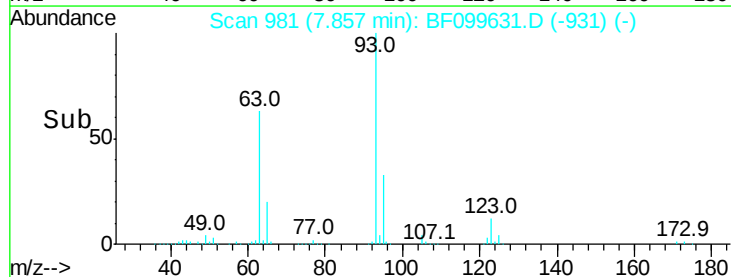
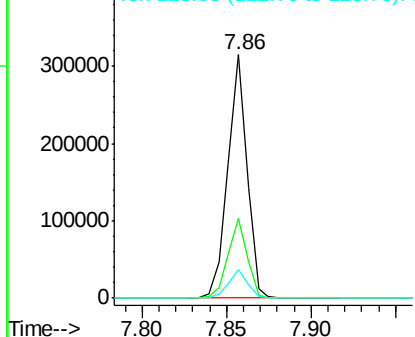


#28
 bis(2-Chloroethoxy)methane
 Concen: 30.466 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Tgt Ion: 93 Resp: 247473
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.6 9.8 14.6



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

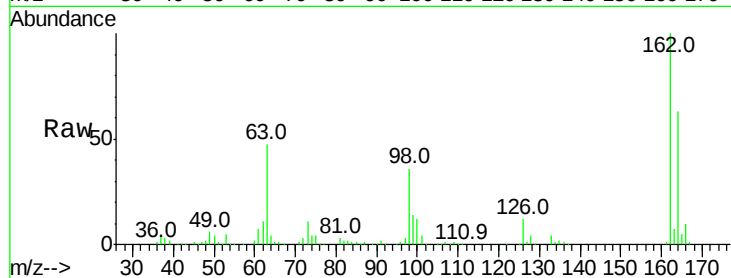




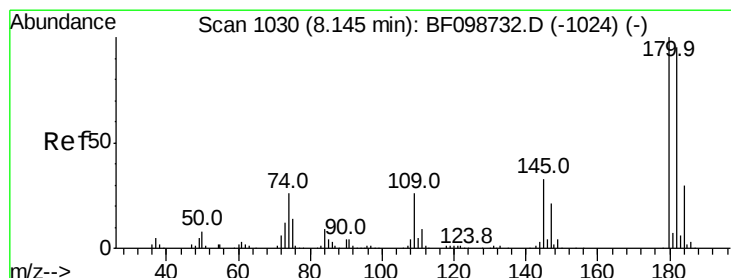
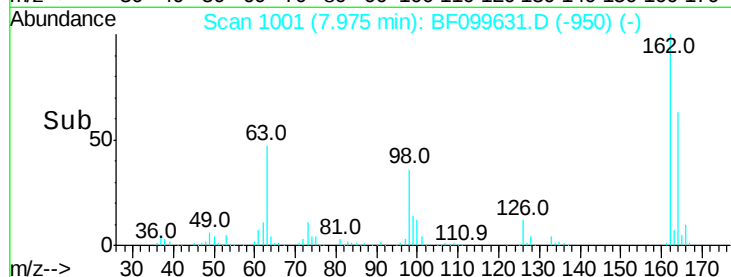
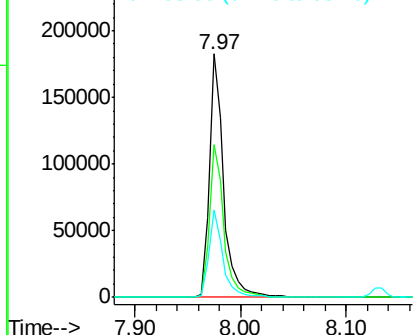
#29
 2,4-Dichlorophenol
 Concen: 30.782 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.7	82.7
98	35.7	18.1	58.1

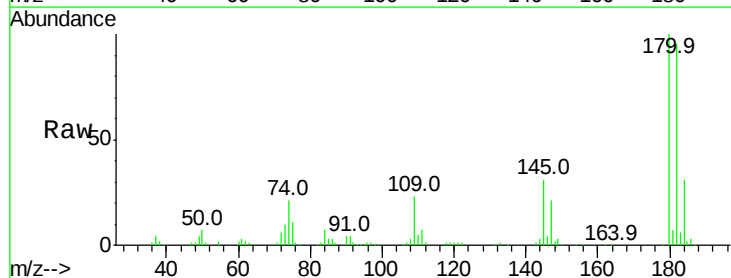


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

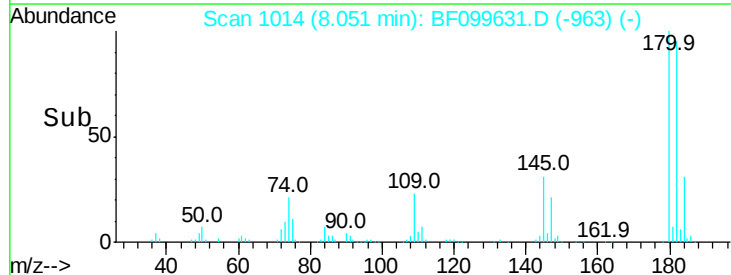
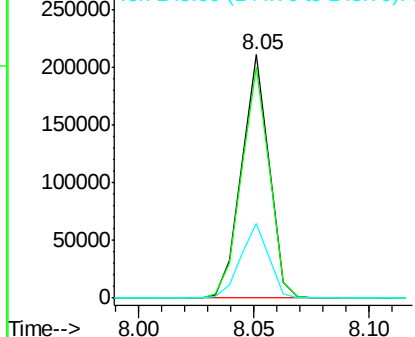


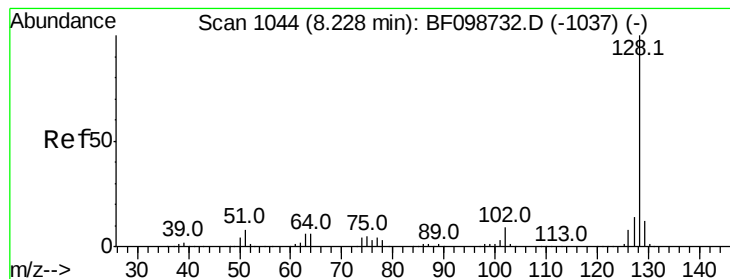
#30
 1,2,4-Trichlorobenzene
 Concen: 31.464 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	30.8	26.5	39.7



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





#31

Naphthalene

Concen: 30.735 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

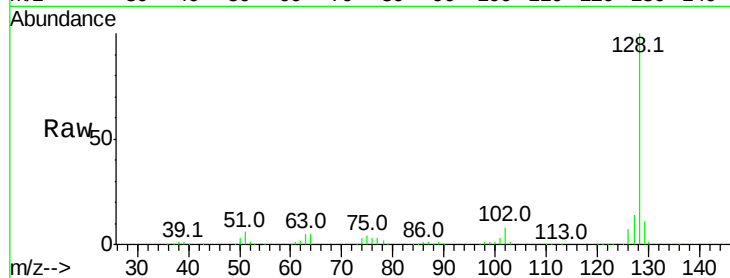
Tot Ion:128 Resp: 583615

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

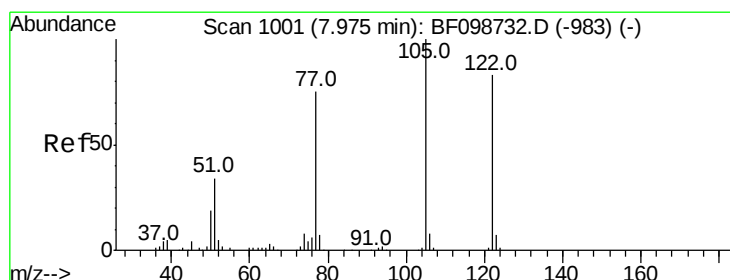
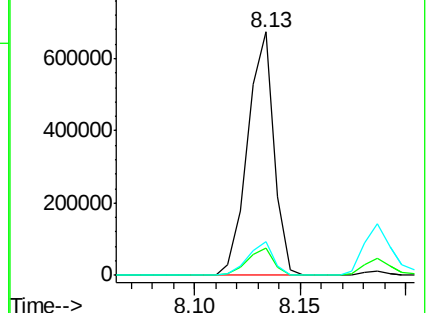
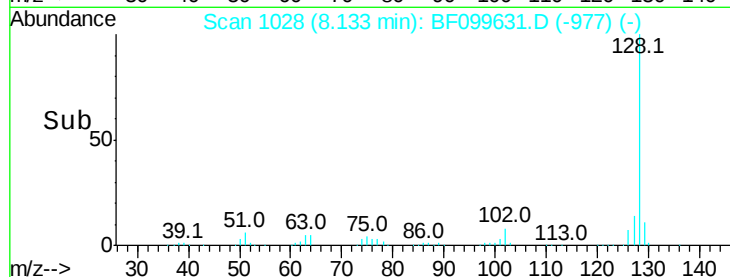
127 13.6 10.9 16.3



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: 2.408 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.06 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

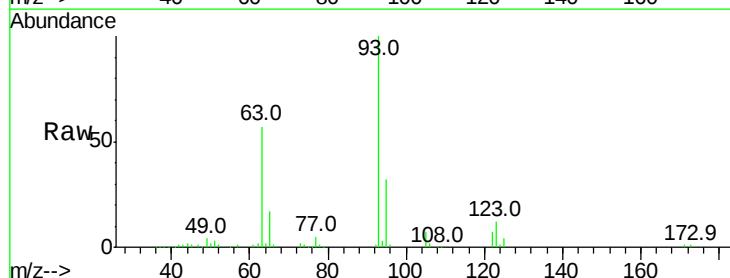
Tgt Ion:122 Resp: 12846

Ion Ratio Lower Upper

122 100

105 101.9 101.1 141.1

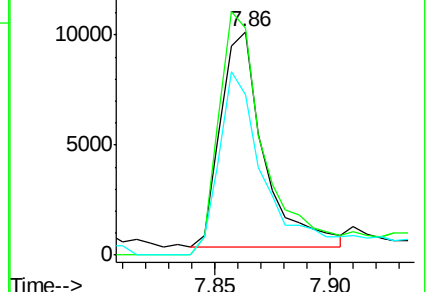
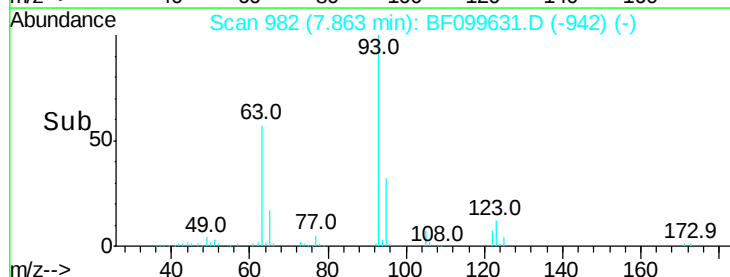
77 71.9 70.7 110.7

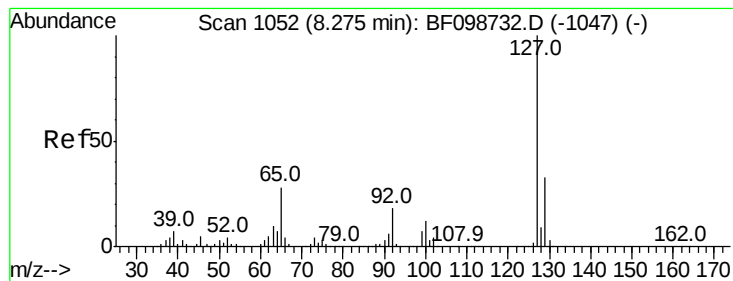


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 17.926 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF099631.D

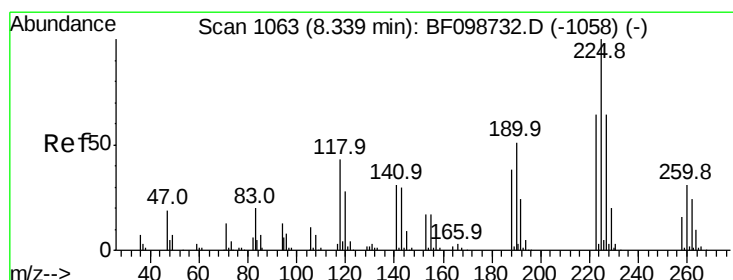
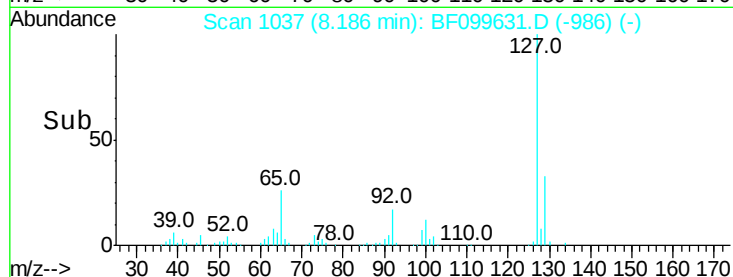
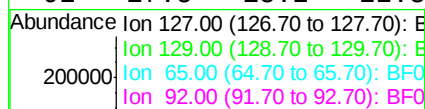
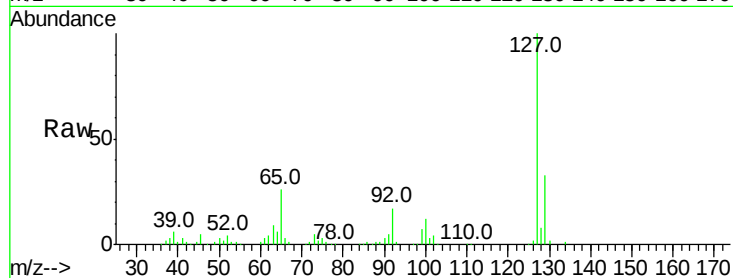
Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	142147
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	25.8	25.0	37.4
92	17.5	15.2	22.8



#34

Hexachlorobutadiene

Concen: 30.056 ng

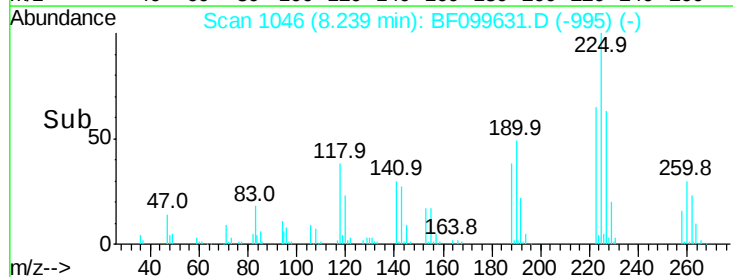
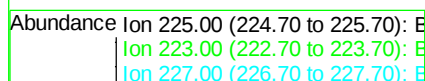
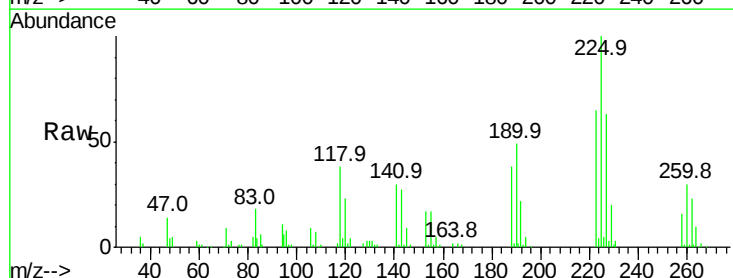
RT: 8.24 min Scan# 1046

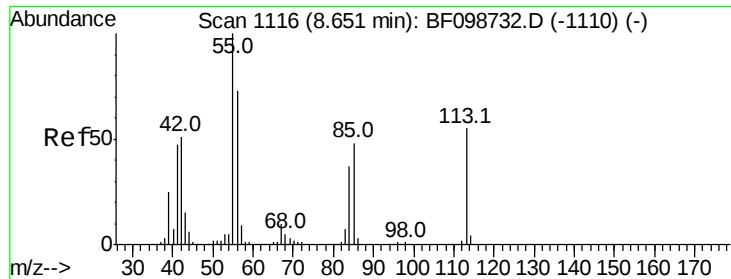
Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Tgt Ion:	225	Resp:	86337
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 28.806 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

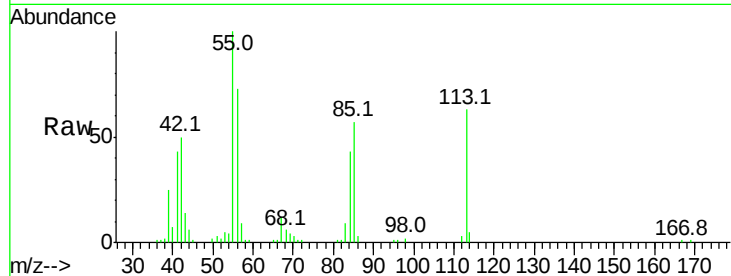
Tot Ion:113 Resp: 51525

Ion Ratio Lower Upper

113 100

55 158.7 163.3 203.3#

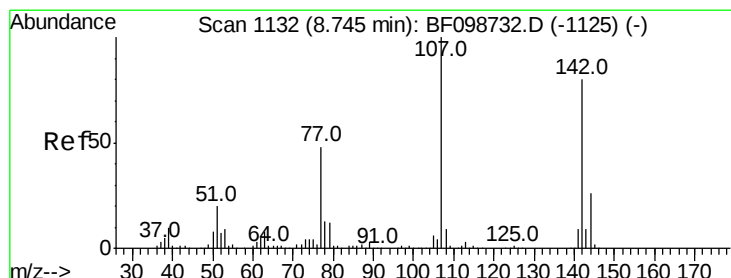
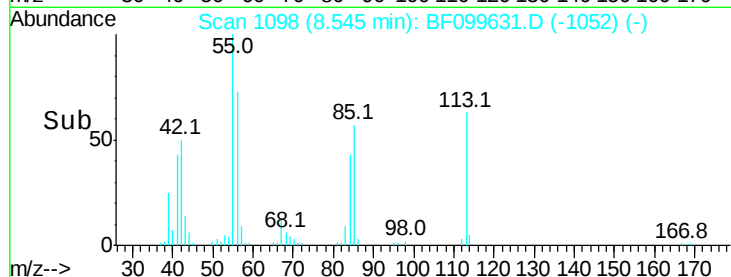
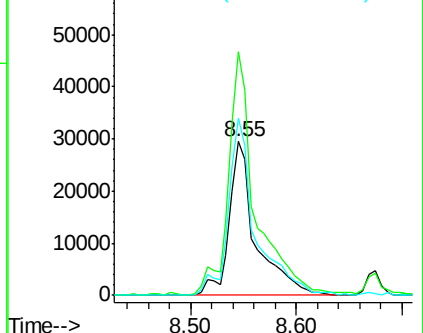
56 115.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.396 ng

RT: 8.67 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

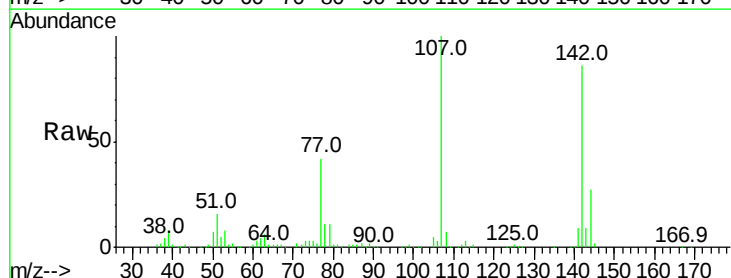
Tgt Ion:107 Resp: 165441

Ion Ratio Lower Upper

107 100

144 27.5 20.5 30.7

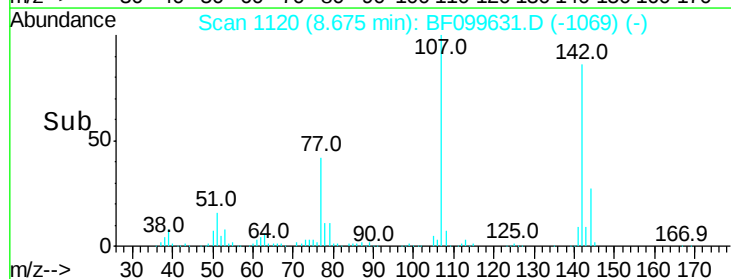
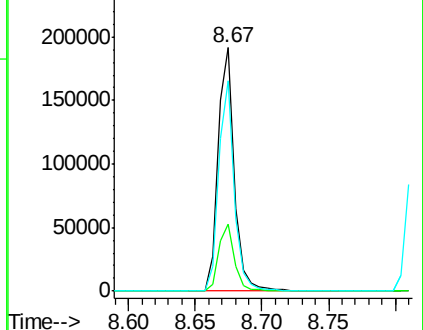
142 86.2 62.0 93.0

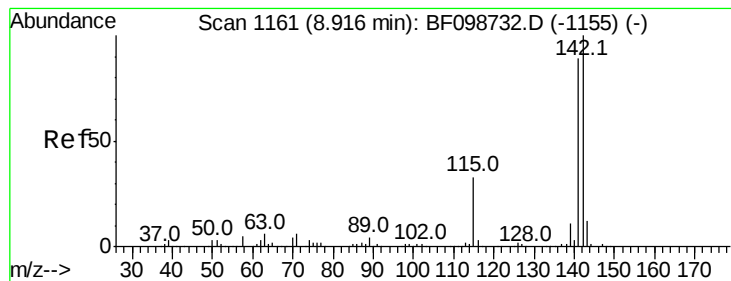


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

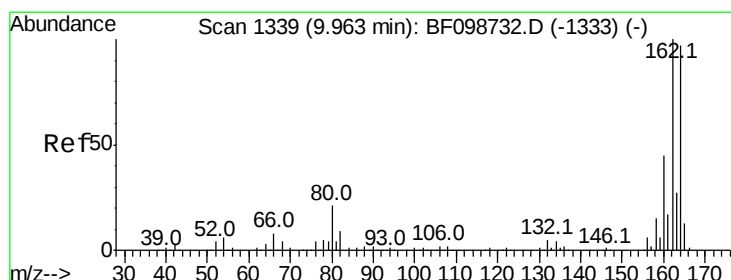
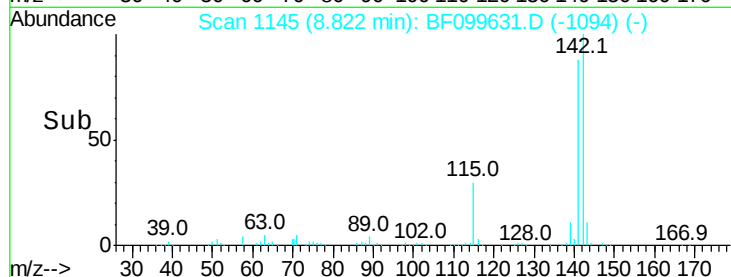
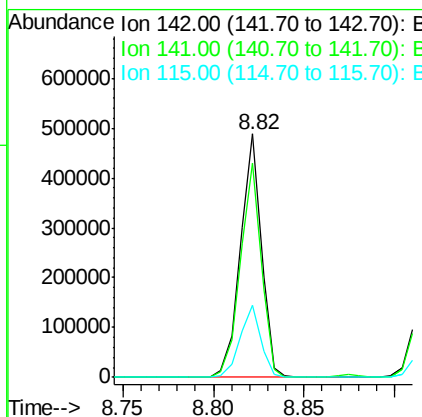
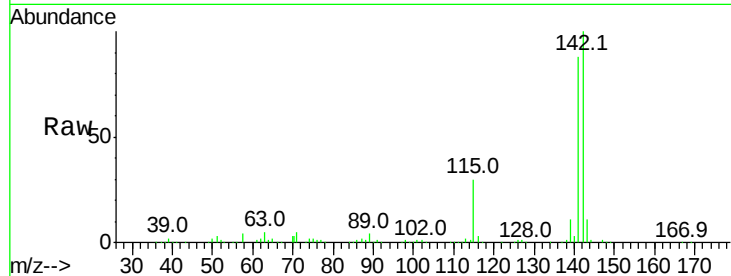




#37
2-Methylnaphthalene
Concen: 31.761 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

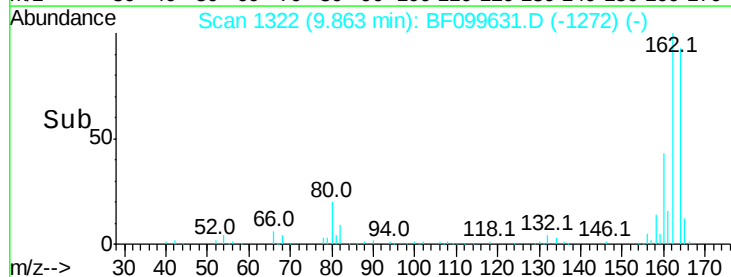
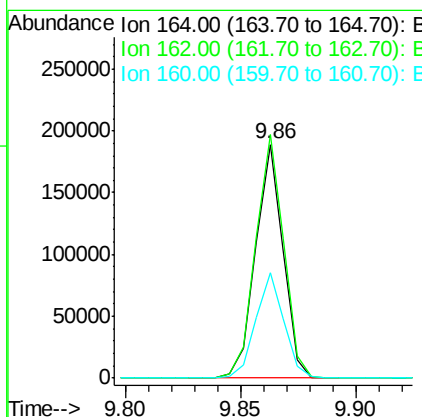
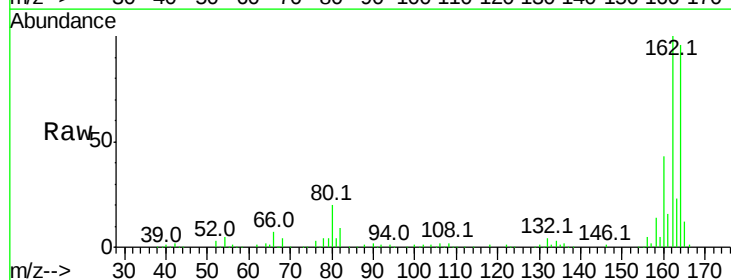
Instrument :
BNA_F
ClientSampleId :

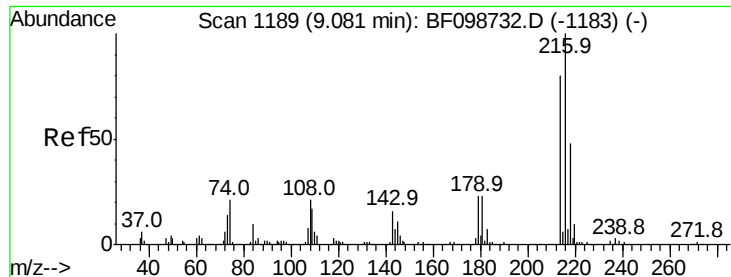
Tot Ion:142 Resp: 392063
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2
115 29.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:164 Resp: 157466
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 45.0 38.3 57.5

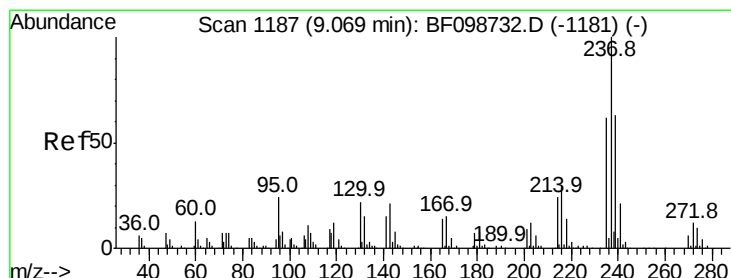
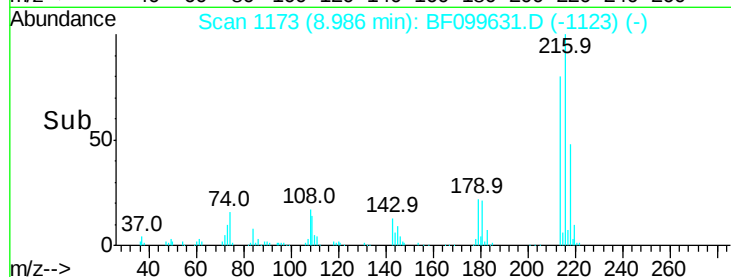
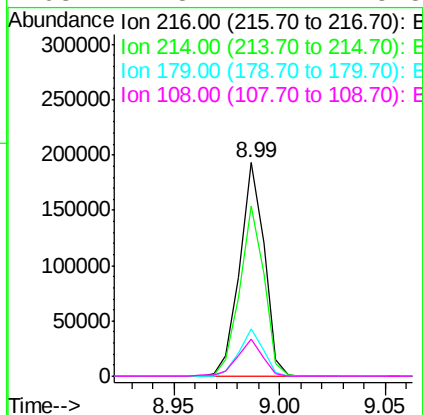
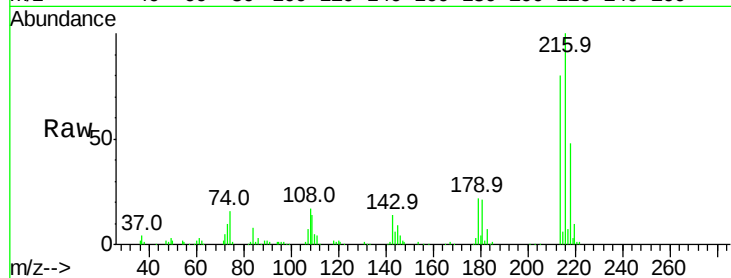




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.110 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

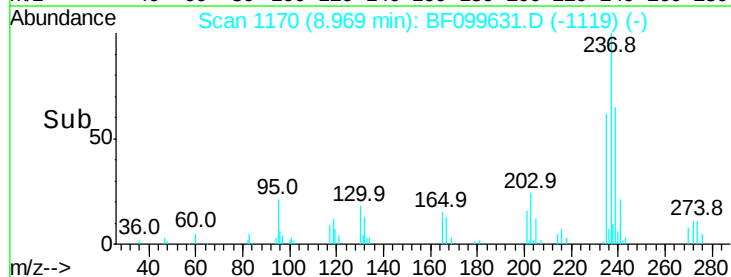
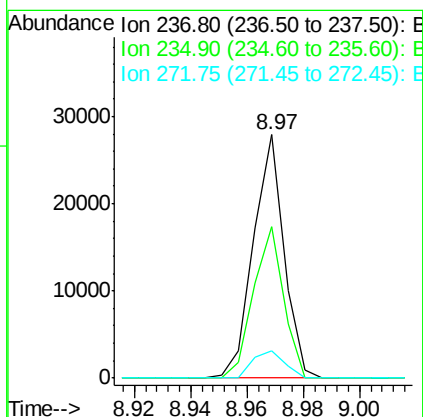
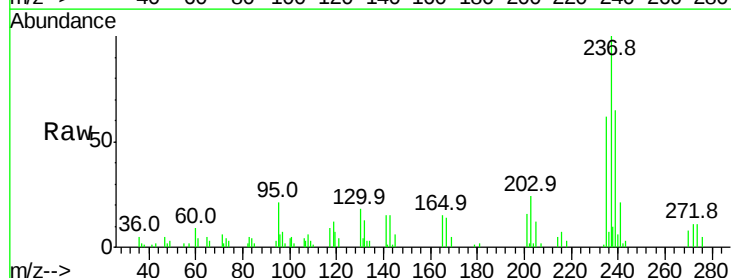
Instrument :
 BNA_F
 ClientSampleId :

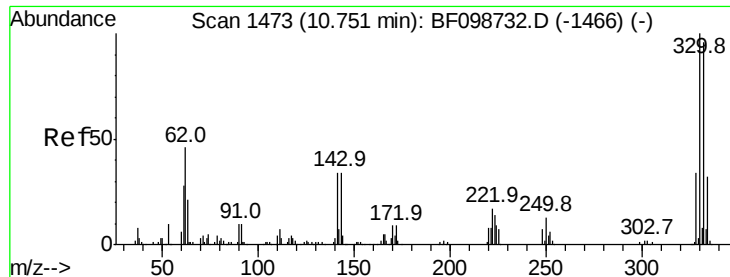
Tot Ion:	216	Resp:	155488
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	21.9	18.1	27.1
108	17.8	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 9.794 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Tgt Ion:	237	Resp:	21019
Ion	Ratio	Lower	Upper
237	100		
235	62.3	44.8	84.8
272	11.0	0.0	33.3

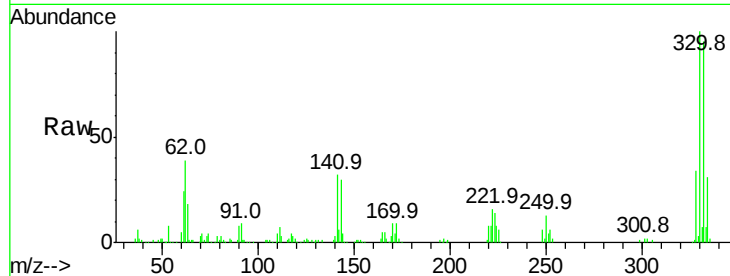




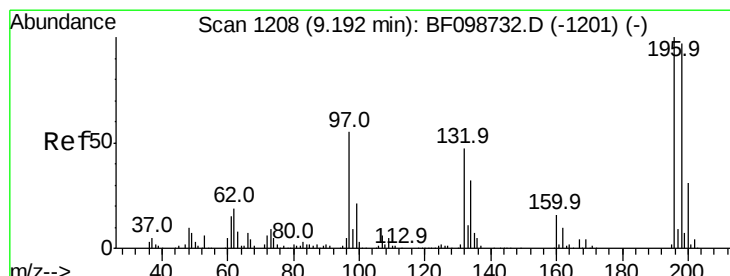
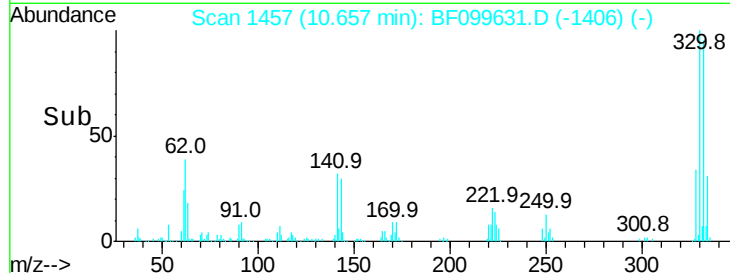
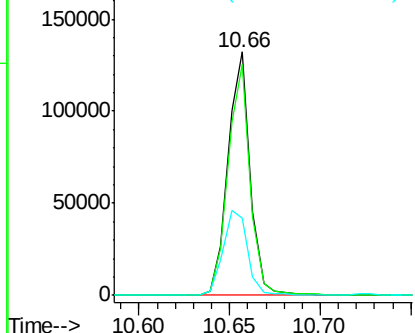
#41
 2,4,6-Tribromophenol
 Concen: 87.589 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 112858
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 38.9 29.9 44.9

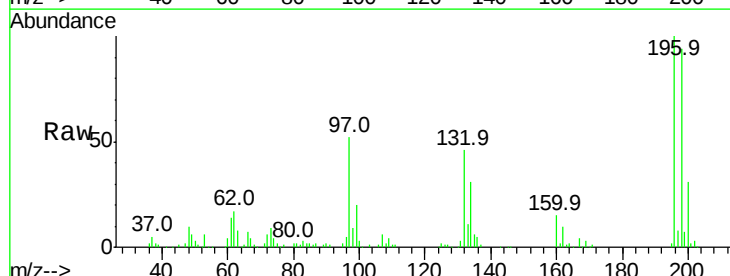


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

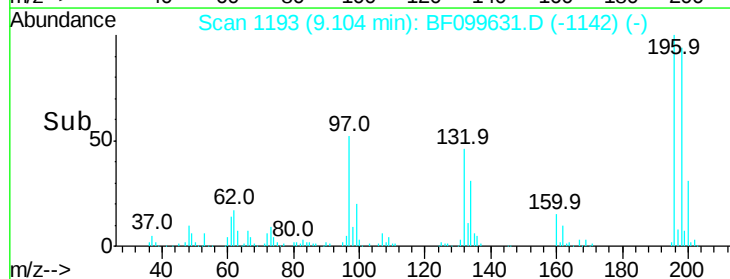
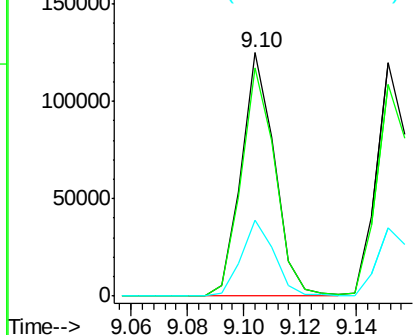


#42
 2,4,6-Trichlorophenol
 Concen: 30.788 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Tgt Ion:196 Resp: 102428
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 200 31.2 24.5 36.7



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

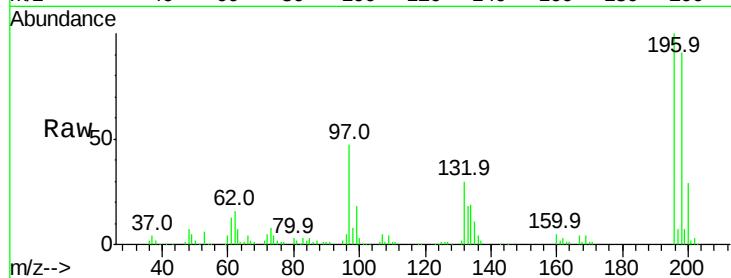




#43
 2,4,5-Trichlorophenol
 Concen: 31.557 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	104803
Ion	Ratio	Lower	Upper
196	100		
198	90.9	74.6	112.0
97	47.5	42.9	64.3
132	30.2	26.3	39.5



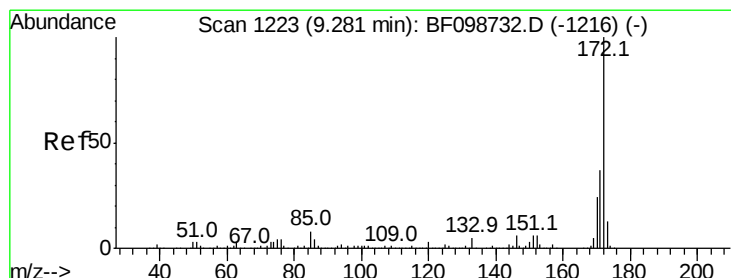
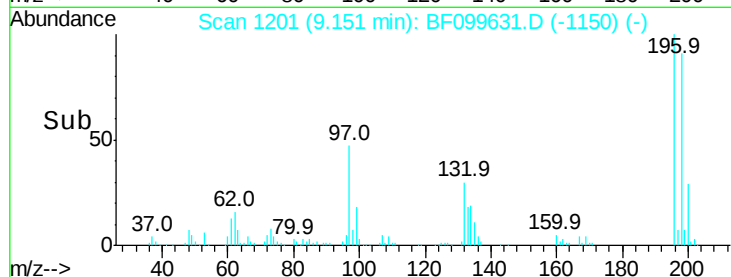
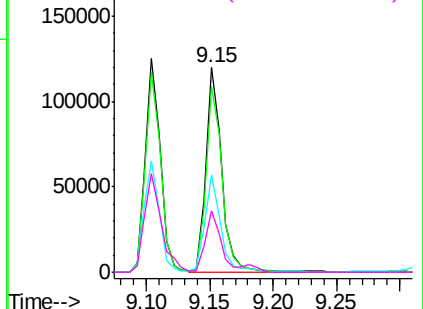
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

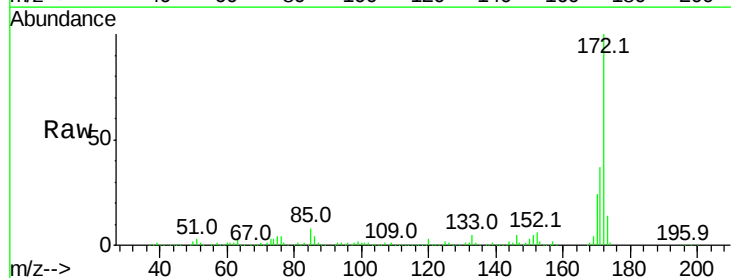
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.895 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Tgt Ion:	172	Resp:	753605
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4

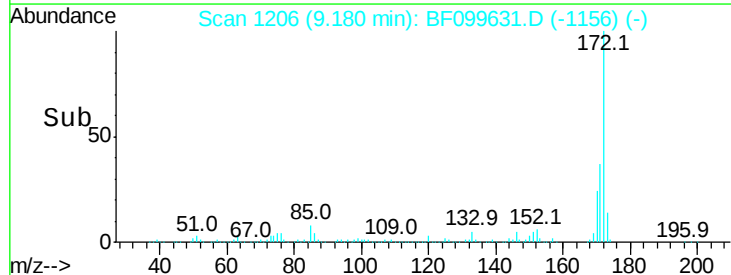
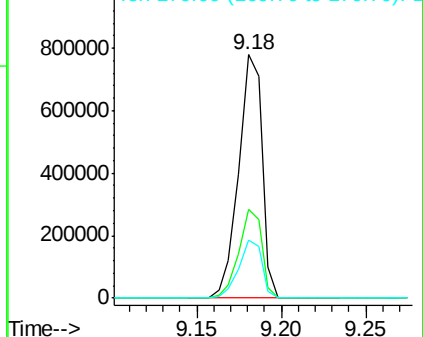


Abundance

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: 32.845 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

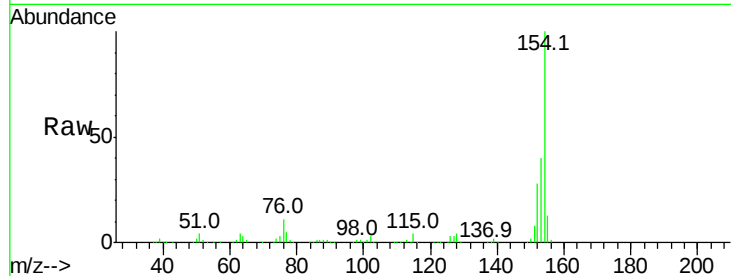
Tot Ion:154 Resp: 444495

Ion Ratio Lower Upper

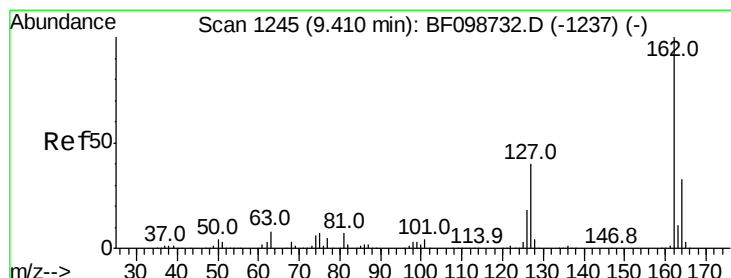
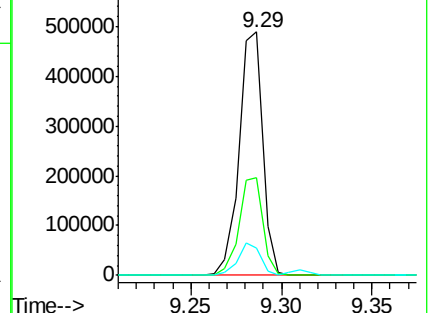
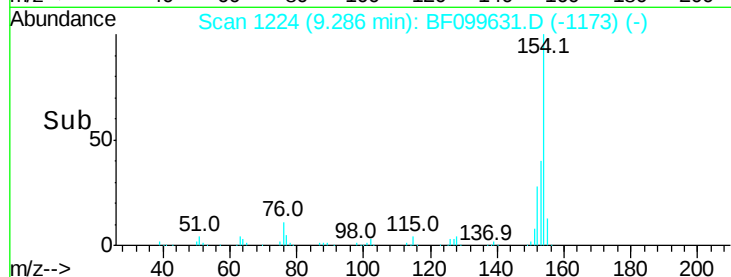
154 100

153 40.3 21.3 61.3

76 11.2 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 33.218 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

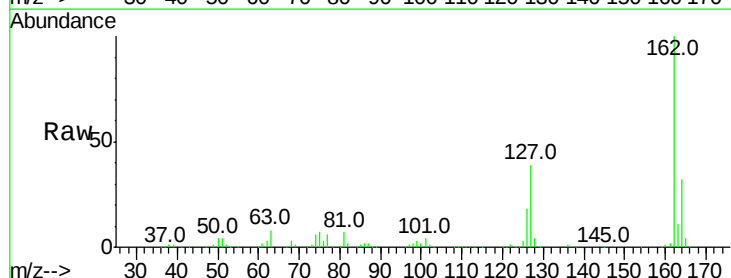
Tgt Ion:162 Resp: 337535

Ion Ratio Lower Upper

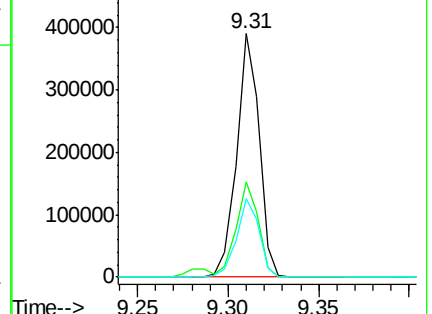
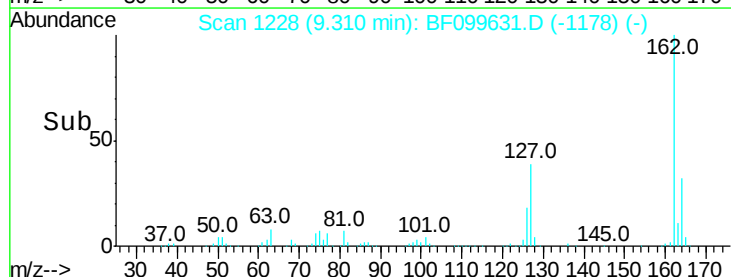
162 100

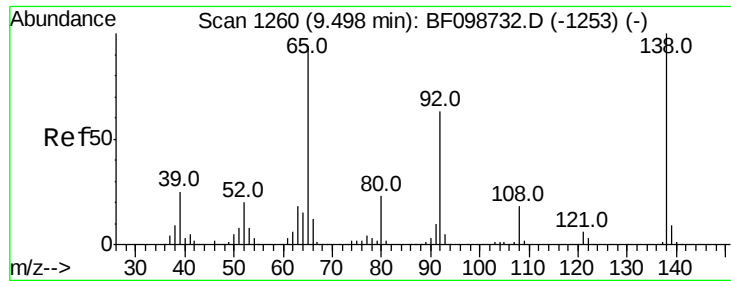
127 39.3 33.9 50.9

164 32.3 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

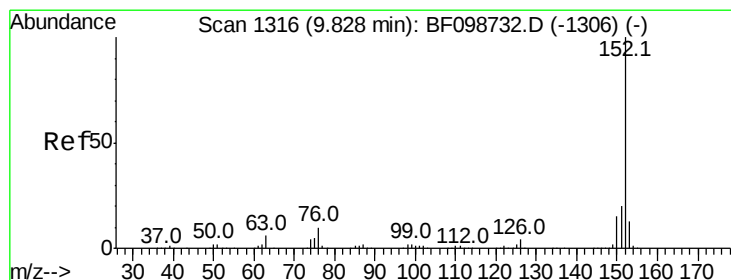
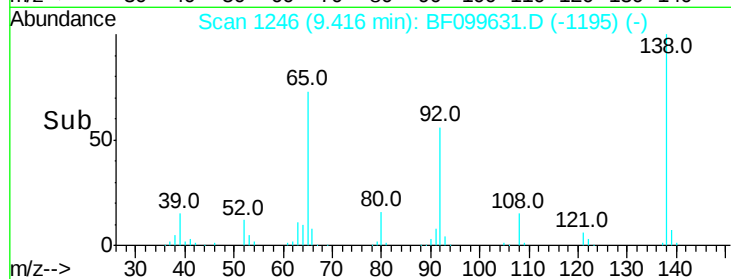
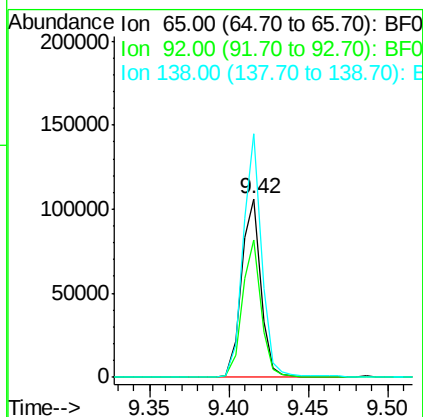
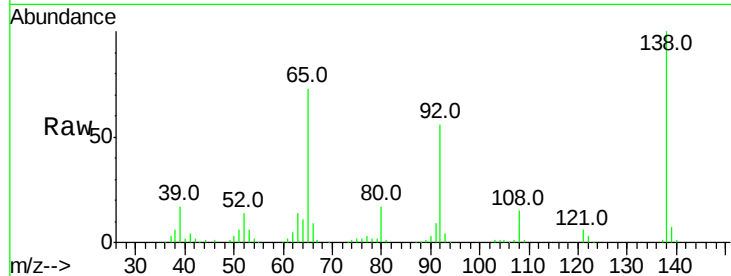




#47
2-Nitroaniline
Concen: 29.052 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

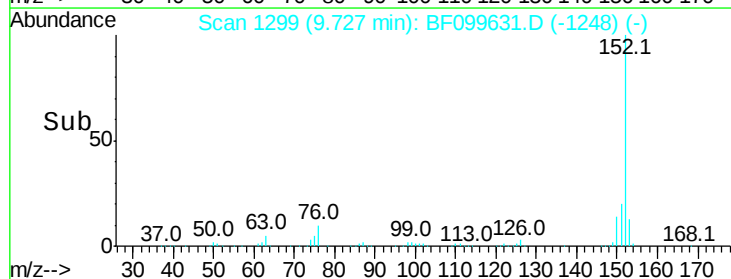
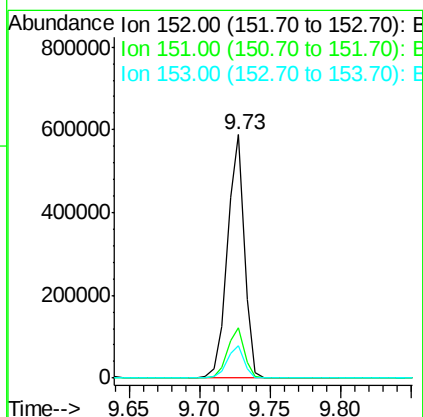
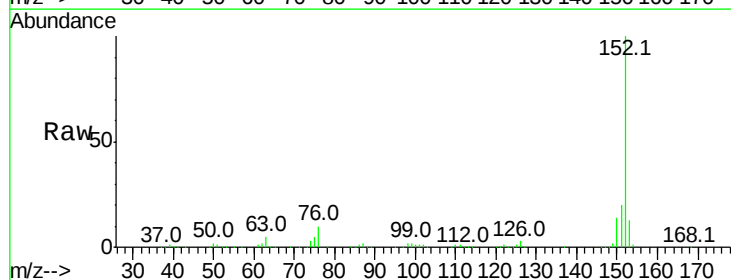
Instrument :
BNA_F
ClientSampleId :

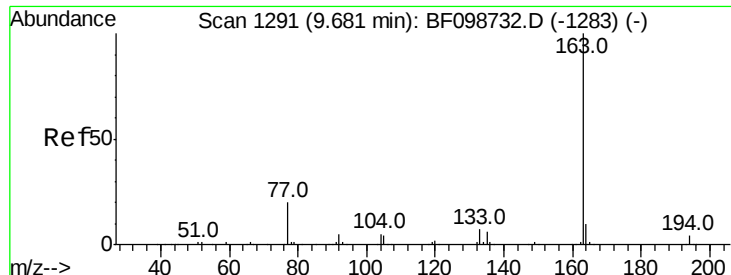
Tot Ion: 65 Resp: 90390
Ion Ratio Lower Upper
65 100
92 76.7 55.8 83.6
138 136.2 91.2 136.8



#48
Acenaphthylene
Concen: 31.336 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:152 Resp: 487431
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.1 10.7 16.1

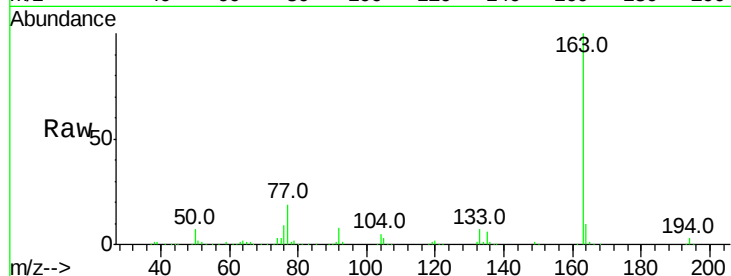




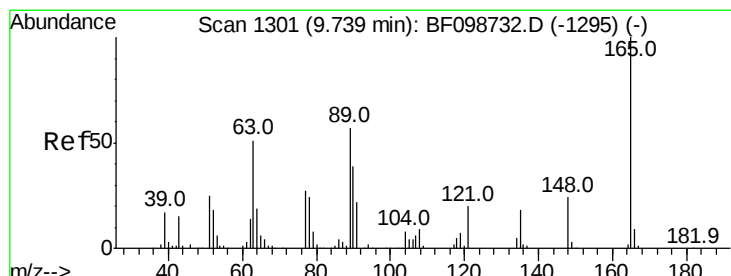
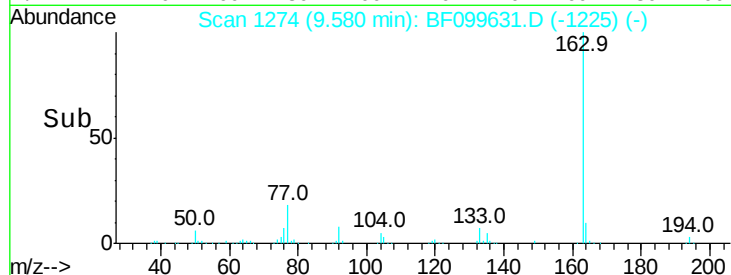
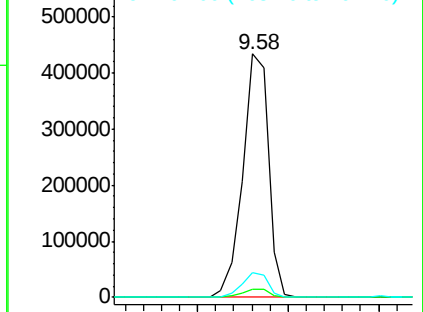
#49
Dimethylphthalate
Concen: 36.073 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 428715
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

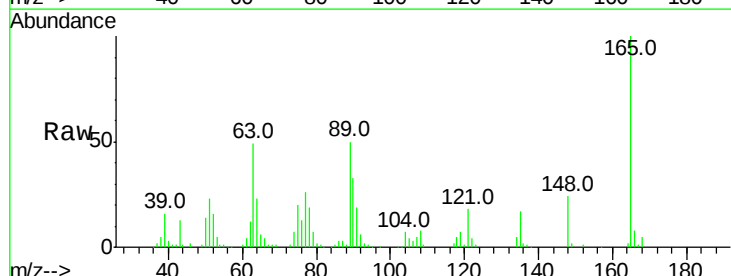


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

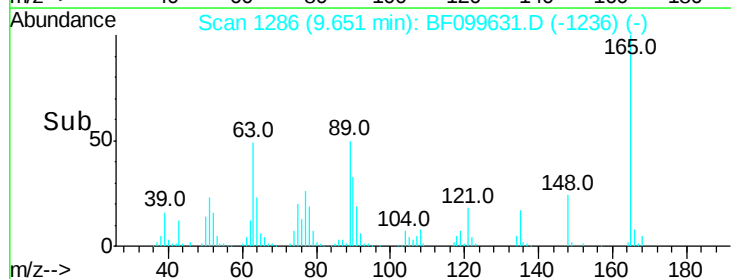
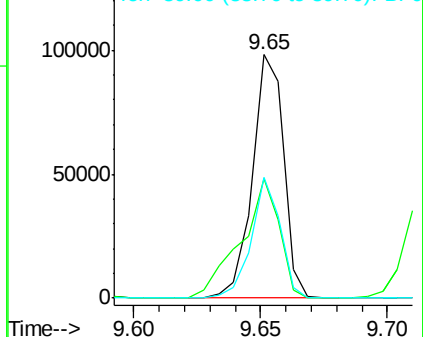


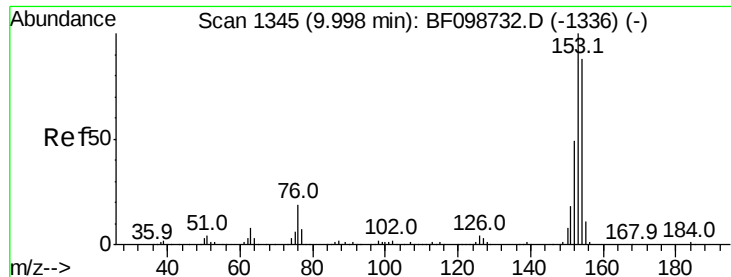
#50
2,6-Dinitrotoluene
Concen: 32.602 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:165 Resp: 84354
Ion Ratio Lower Upper
165 100
63 48.9 44.7 67.1
89 49.6 44.0 66.0



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





#51

Acenaphthene

Concen: 28.864 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

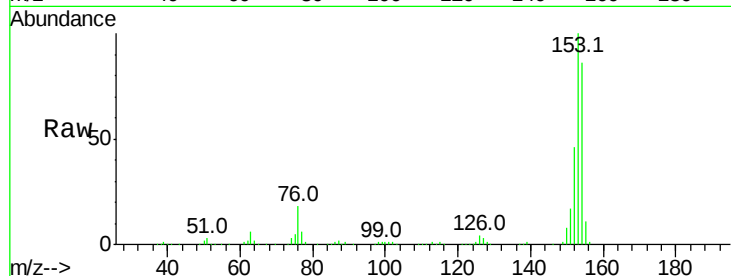
Tot Ion:154 Resp: 284407

Ion Ratio Lower Upper

154 100

153 115.7 91.2 136.8

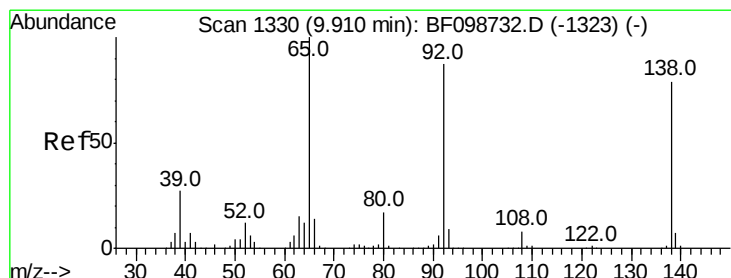
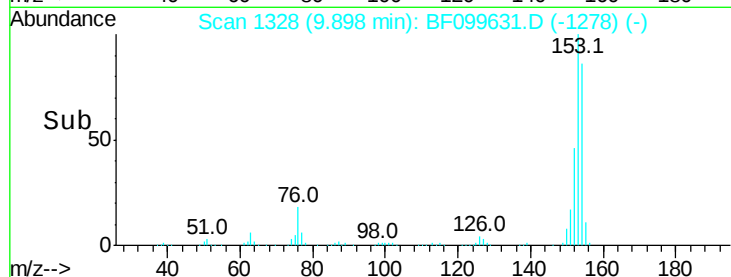
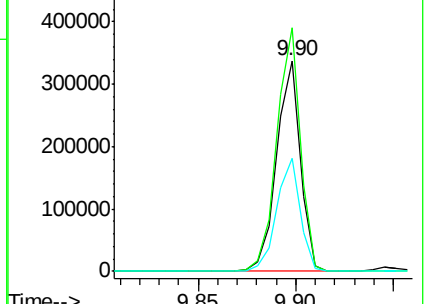
152 53.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.222 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

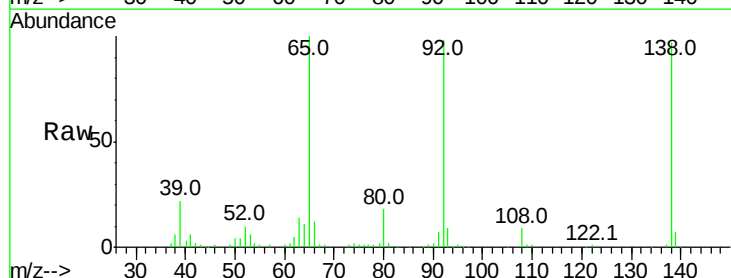
Tgt Ion:138 Resp: 73075

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

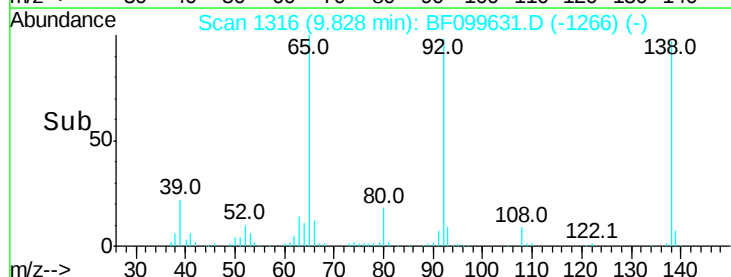
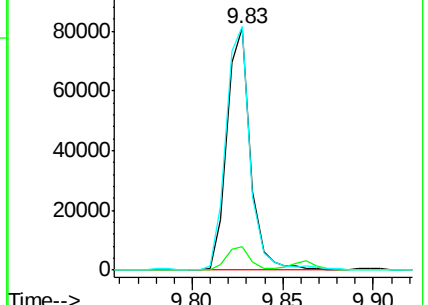
92 100.6 89.4 134.2



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

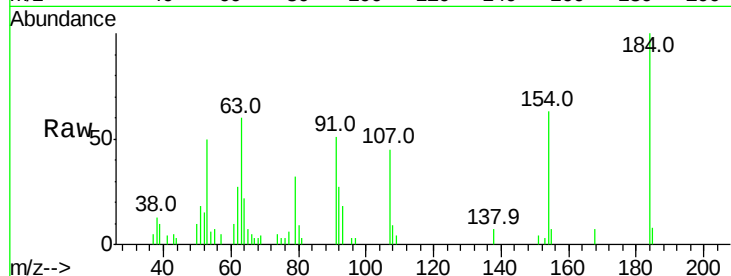




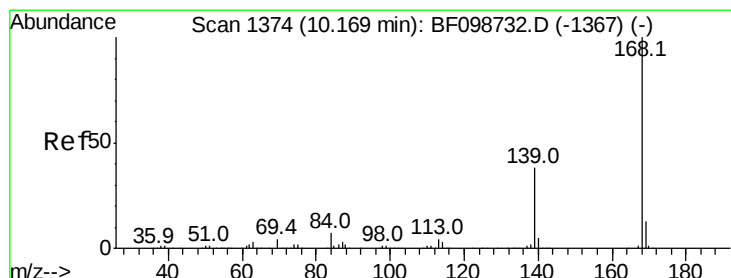
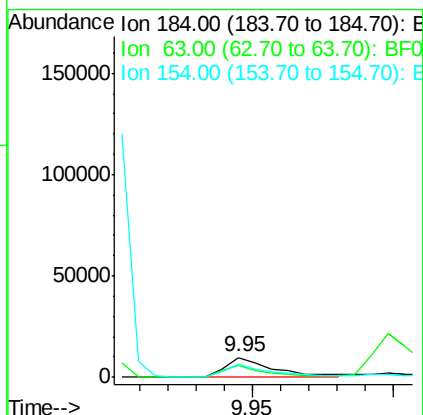
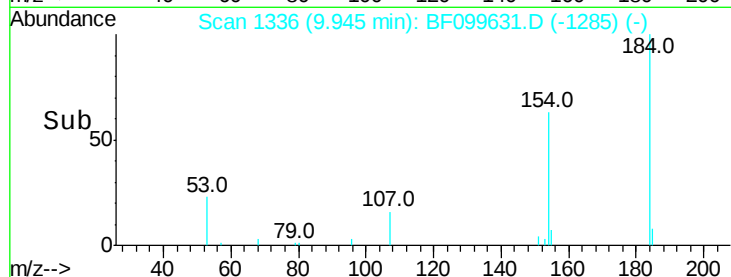
#53
2,4-Dinitrophenol
Concen: 13.686 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 11417
Ion Ratio Lower Upper
184 100
63 60.1 54.2 81.2
154 63.3 53.5 80.3

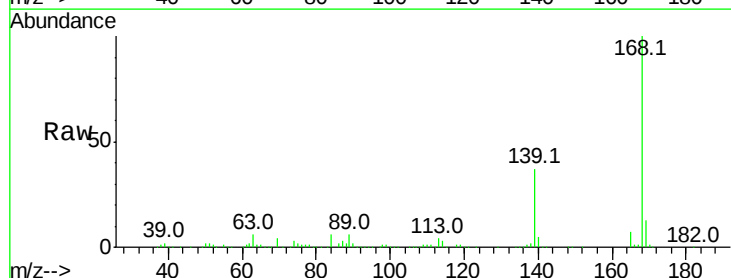


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

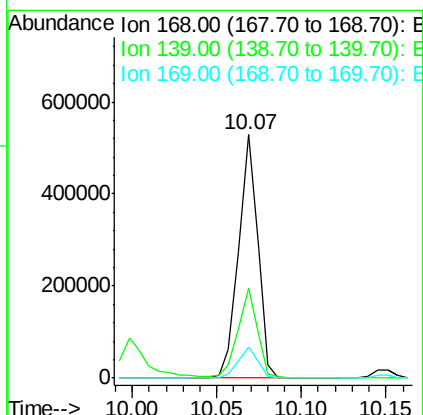
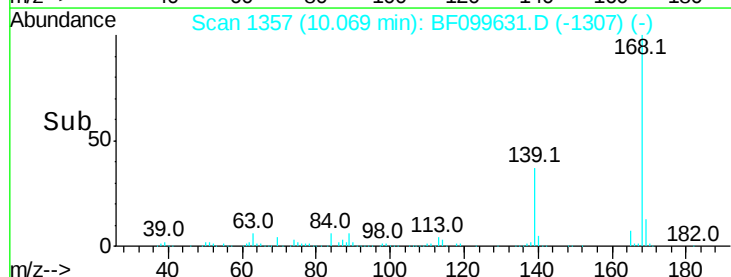


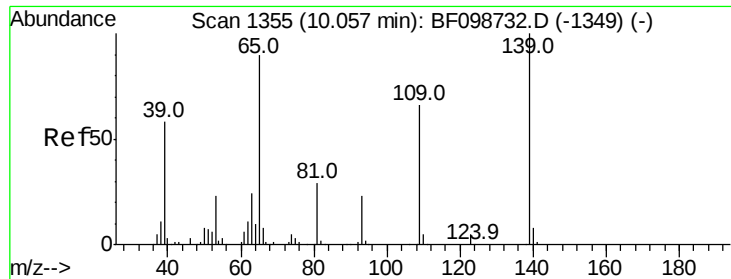
#54
Dibenzofuran
Concen: 31.852 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:168 Resp: 417874
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 13.0 10.9 16.3



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

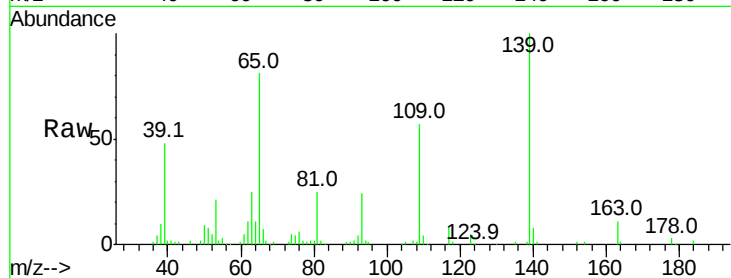




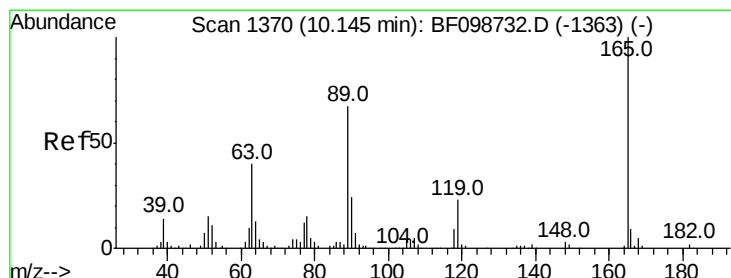
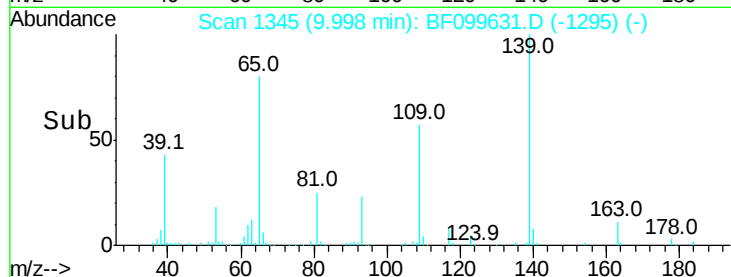
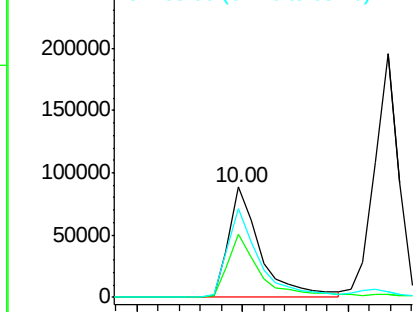
#55
4-Nitrophenol
Concen: 36.249 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 92470
Ion Ratio Lower Upper
139 100
109 57.4 48.4 88.4
65 81.2 72.6 112.6

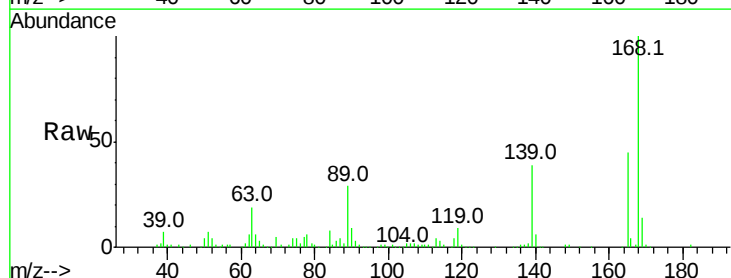


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

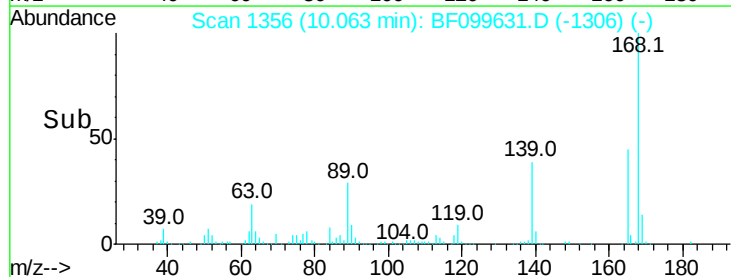
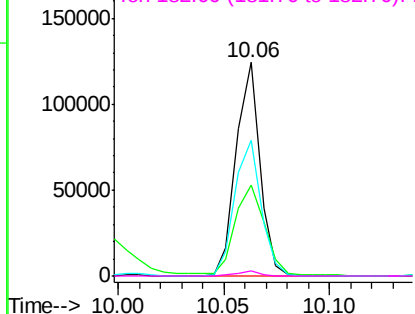


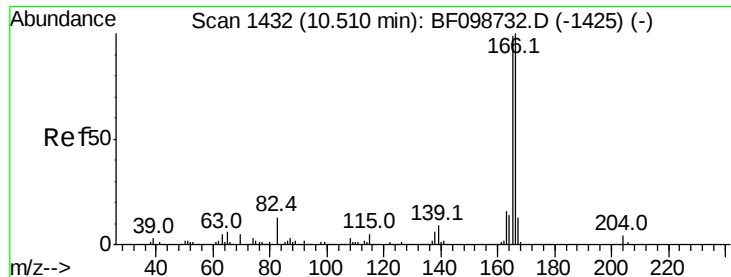
#56
2,4-Dinitrotoluene
Concen: 28.743 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:165 Resp: 96518
Ion Ratio Lower Upper
165 100
63 42.8 36.4 54.6
89 63.5 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: 30.155 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampled :

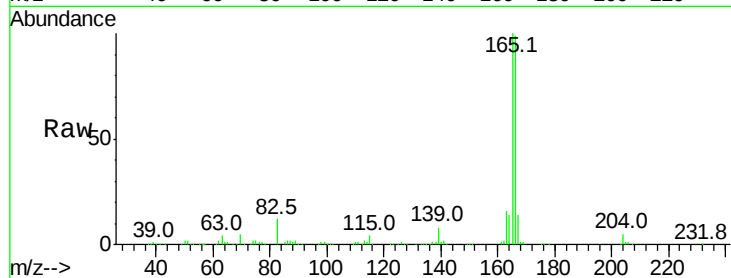
Tot Ion:166 Resp: 317976

Ion Ratio Lower Upper

166 100

165 101.0 79.8 119.8

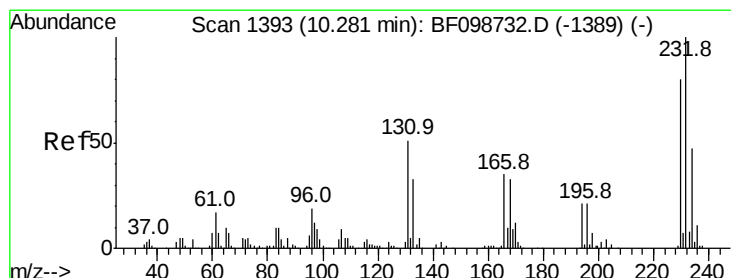
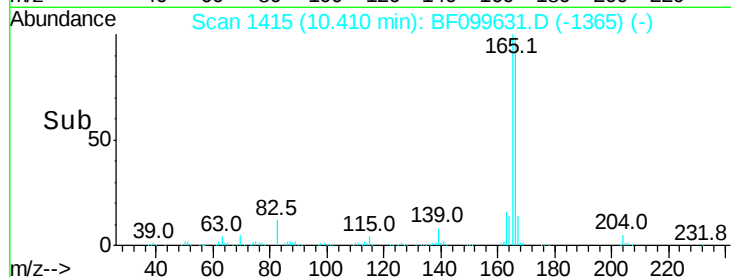
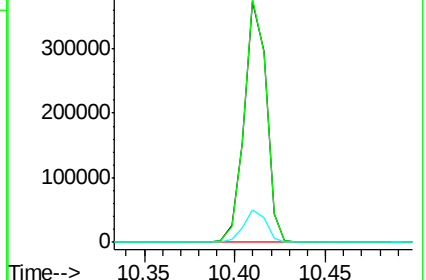
167 13.6 10.6 16.0



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: 29.399 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Tgt Ion:232 Resp: 67446

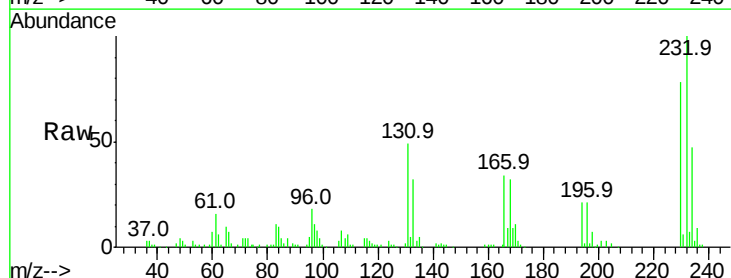
Ion Ratio Lower Upper

232 100

131 49.8 43.8 65.8

130 2.2 2.1 3.1

166 34.2 27.8 41.6

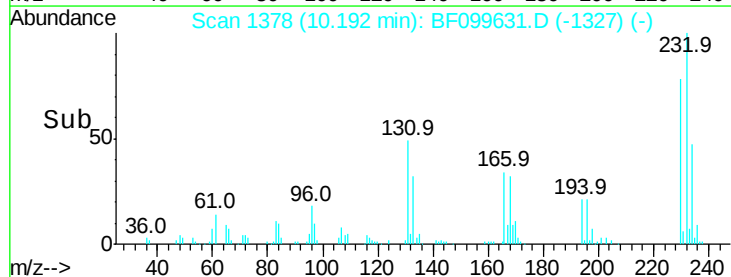
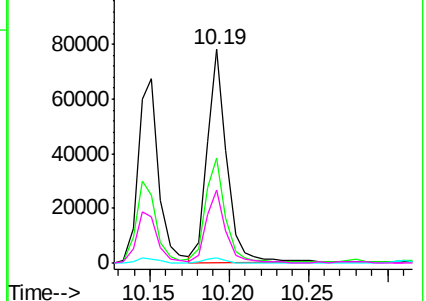


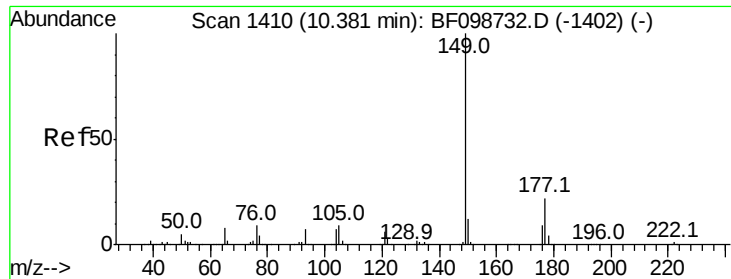
Abundance Ion 232.00 (231.70 to 232.70): E

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

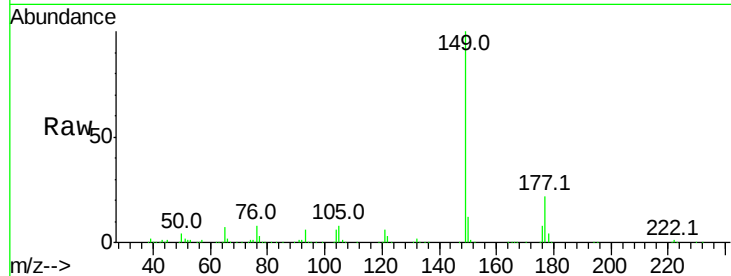




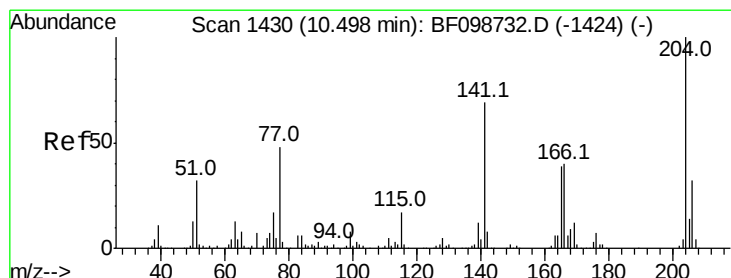
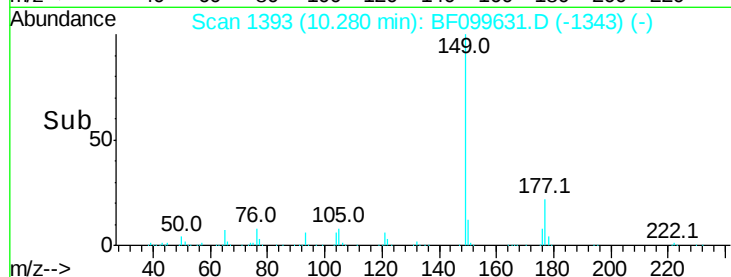
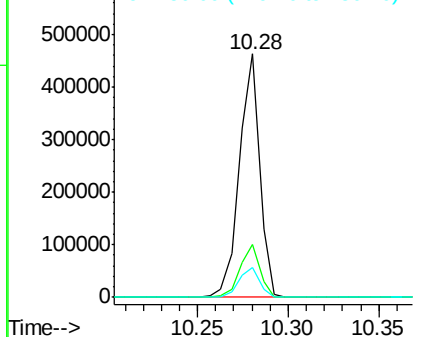
#59
Diethylphthalate
Concen: 31.164 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 361910
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.1 10.1 15.1

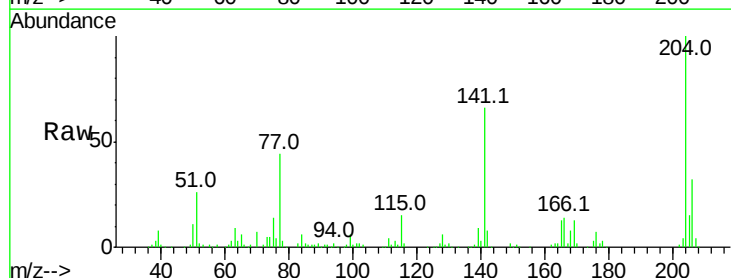


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

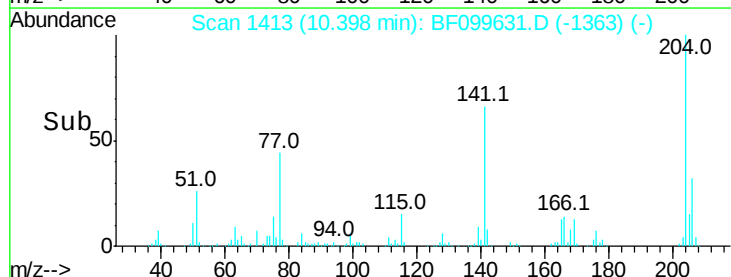
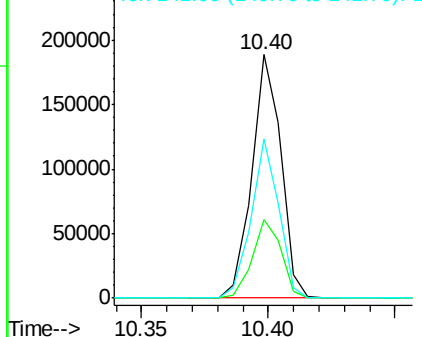


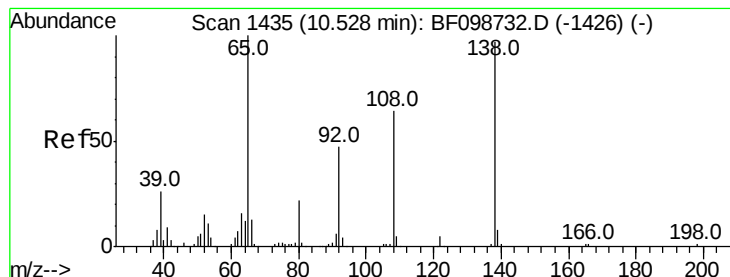
#60
4-Chlorophenyl-phenylether
Concen: 31.771 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:204 Resp: 150489
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 65.6 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: 23.304 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

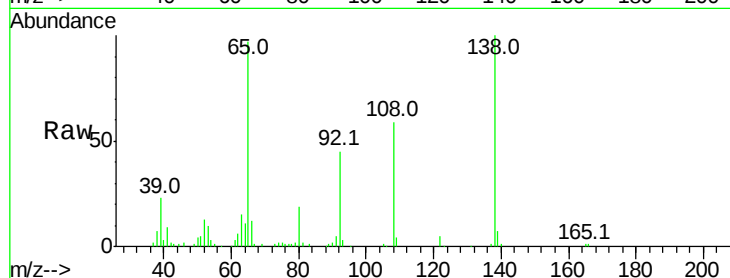
Tot Ion:138 Resp: 67827

Ion Ratio Lower Upper

138 100

92 44.9 30.2 70.2

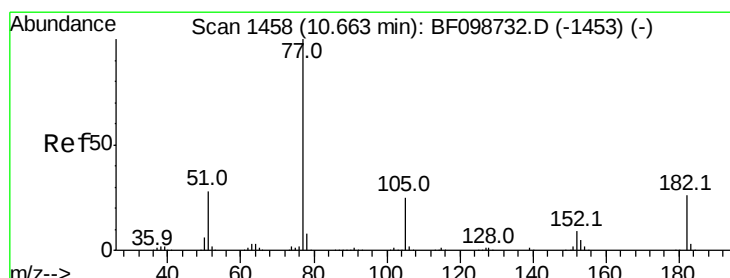
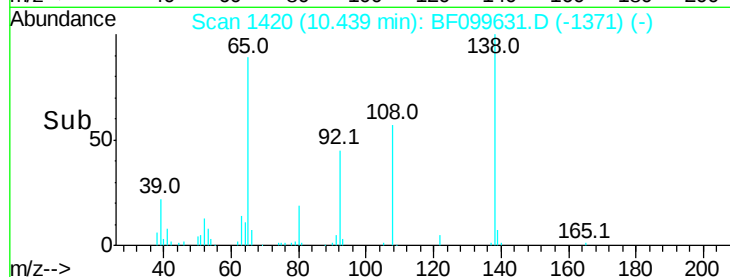
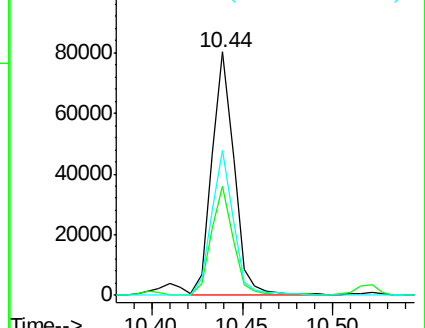
108 59.5 52.5 92.5



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: 28.054 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Tgt Ion: 77 Resp: 299562

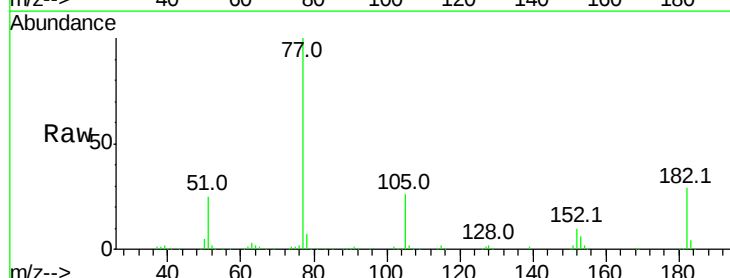
Ion Ratio Lower Upper

77 100

182 28.9 1.7 41.7

105 25.6 3.0 43.0

51 25.0 9.9 49.9

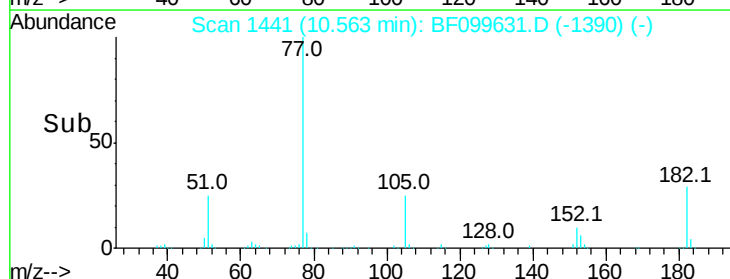
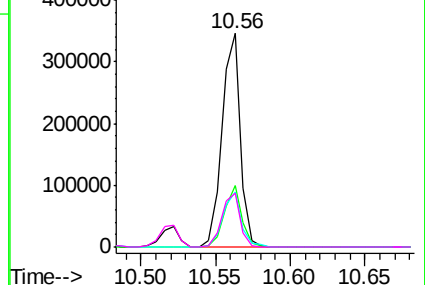


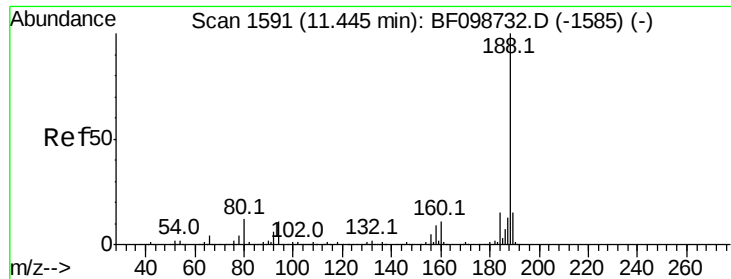
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

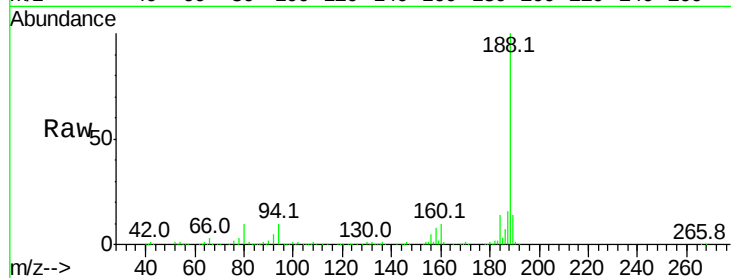




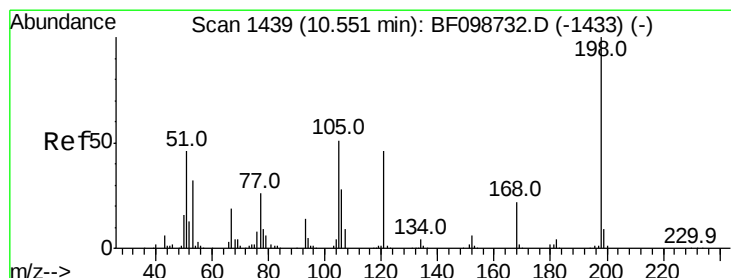
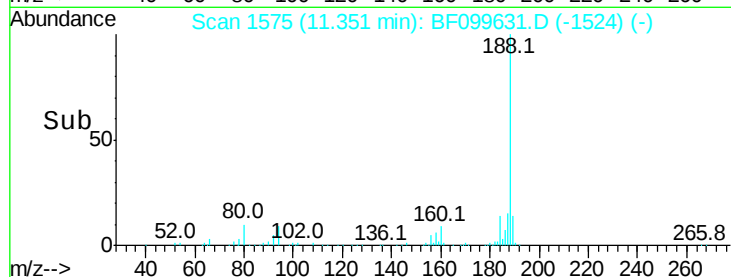
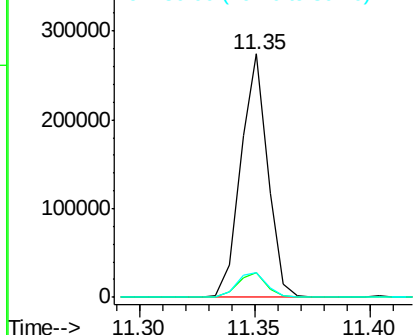
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 222714
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.1 9.2 13.8

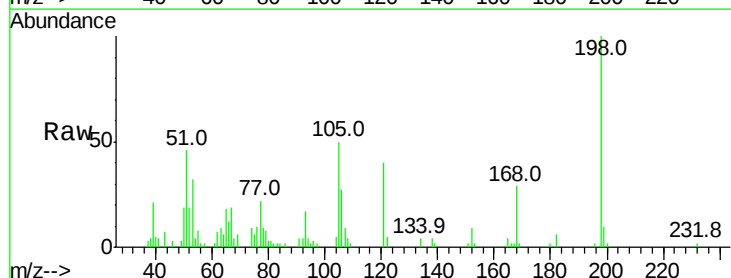


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

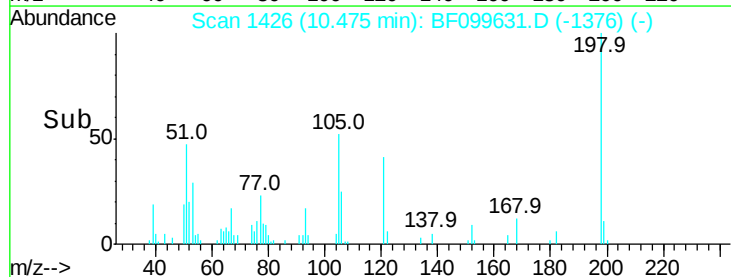
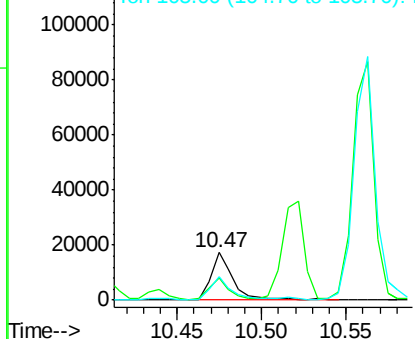


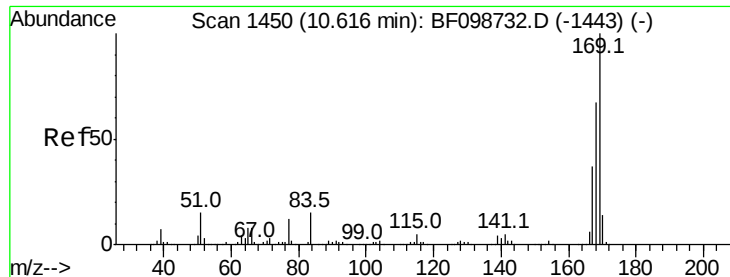
#64
4,6-Dinitro-2-methylphenol
Concen: 11.548 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:198 Resp: 15648
Ion Ratio Lower Upper
198 100
51 45.8 37.7 77.7
105 50.0 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: 36.486 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

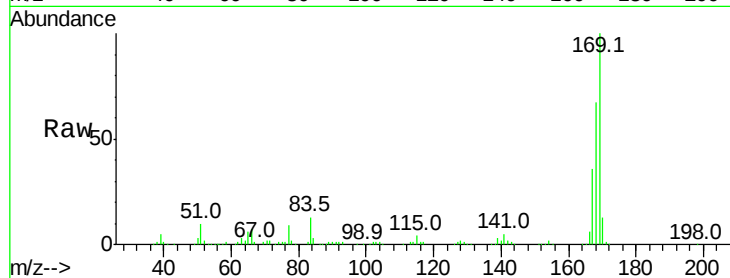
Tot Ion:169 Resp: 281511

Ion Ratio Lower Upper

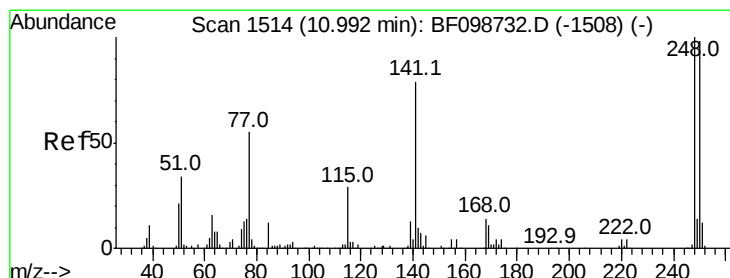
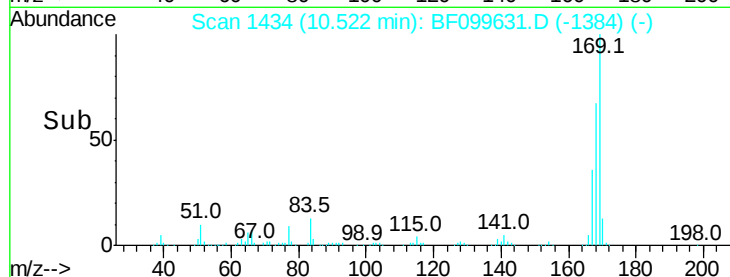
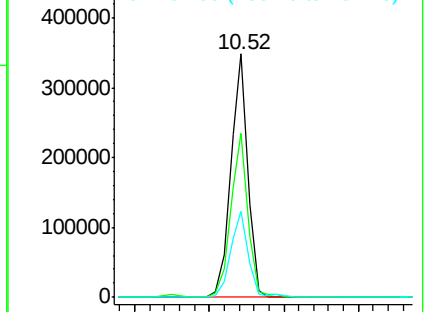
169 100

168 67.2 54.4 81.6

167 35.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.815 ng

RT: 10.89 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

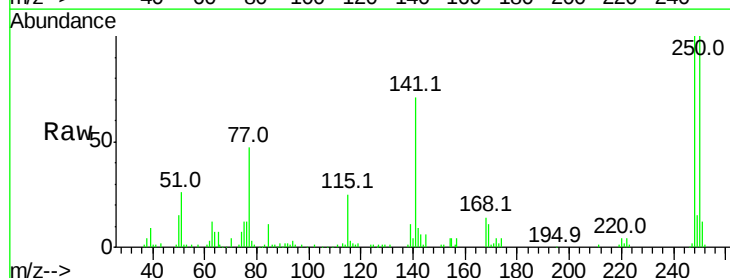
Tgt Ion:248 Resp: 78076

Ion Ratio Lower Upper

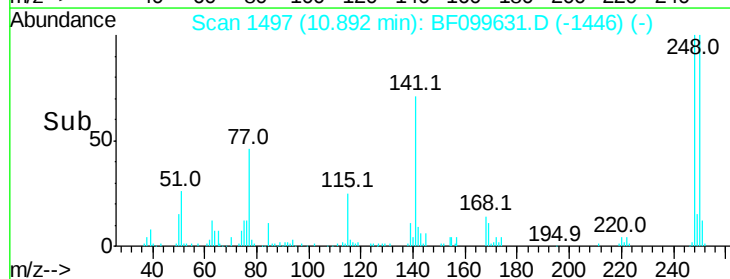
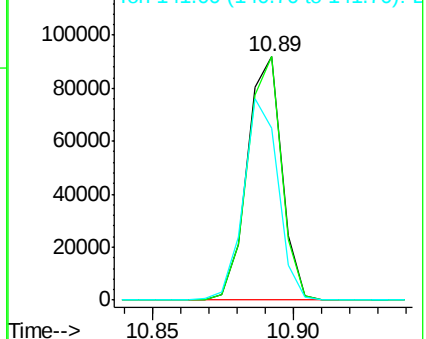
248 100

250 100.0 76.9 115.3

141 70.7 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

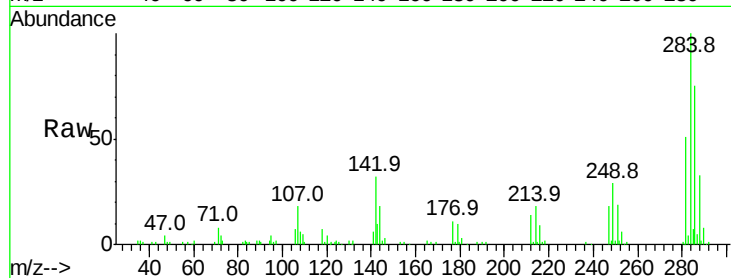




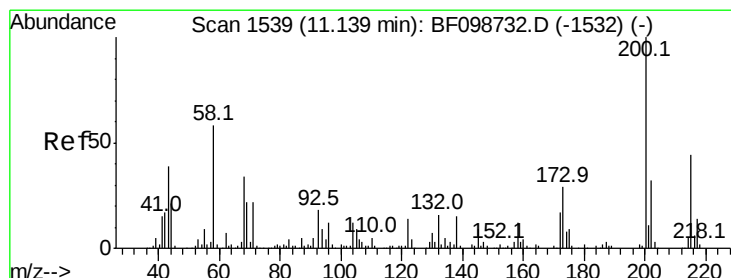
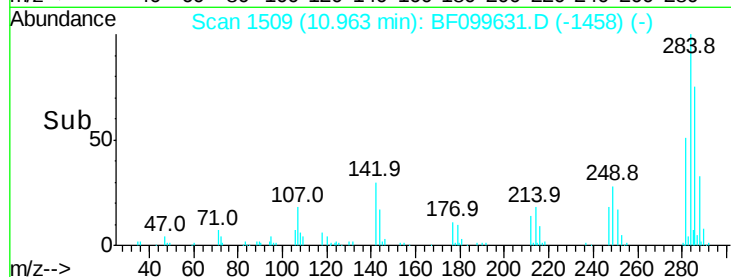
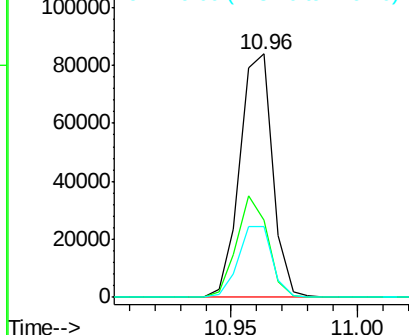
#67
Hexachlorobenzene
Concen: 32.268 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 75130
Ion Ratio Lower Upper
284 100
142 31.9 34.6 52.0#
249 29.3 24.8 37.2

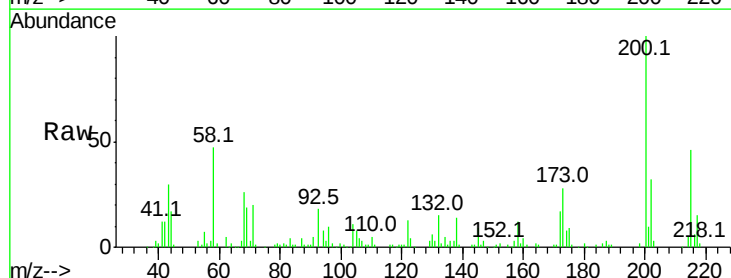


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

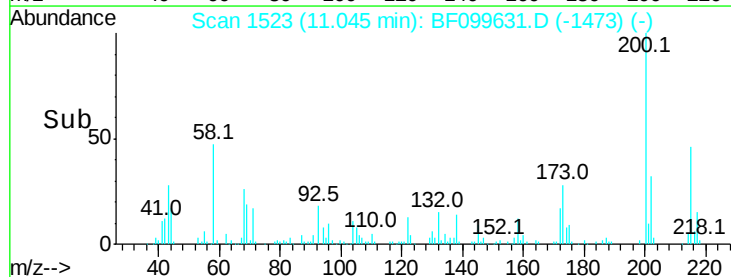
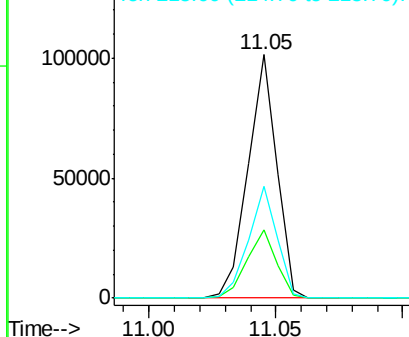


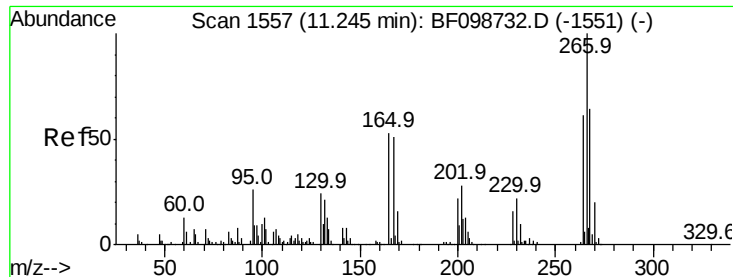
#68
Atrazine
Concen: 34.525 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:200 Resp: 80145
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 46.0 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

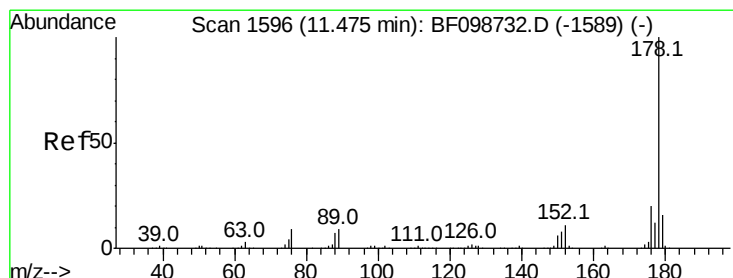
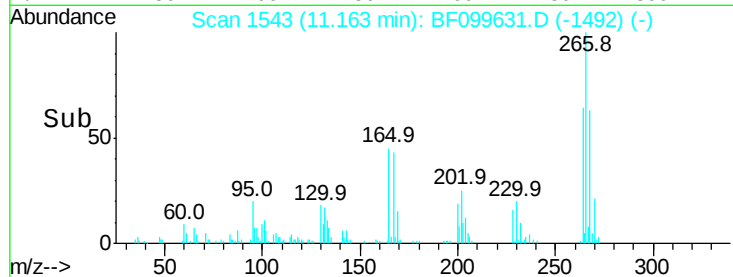
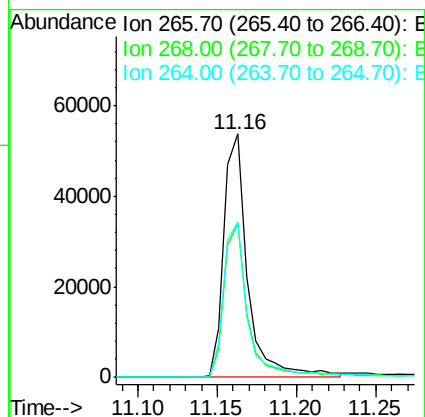
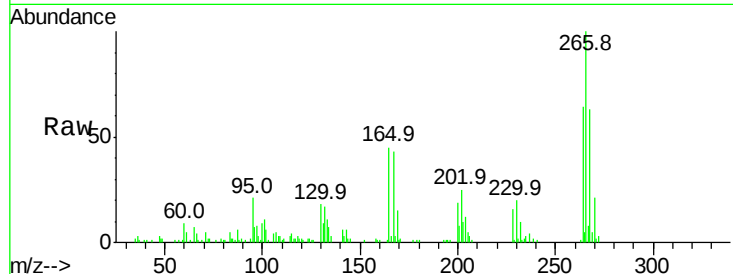




#69
 Pentachlorophenol
 Concen: 38.817 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

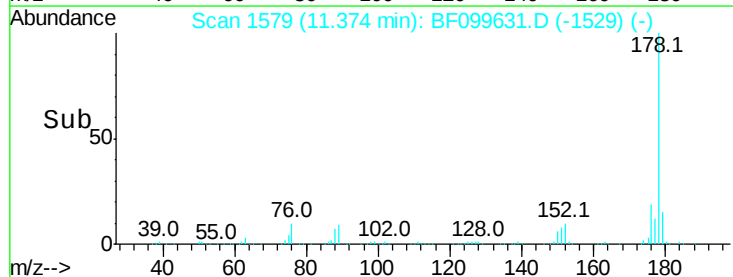
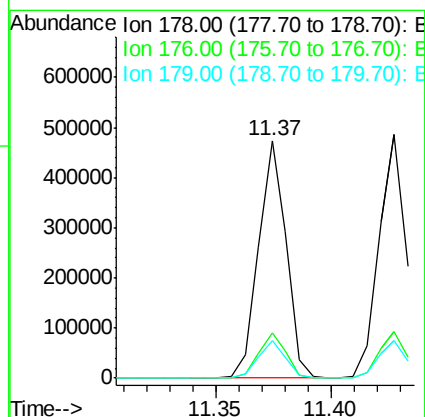
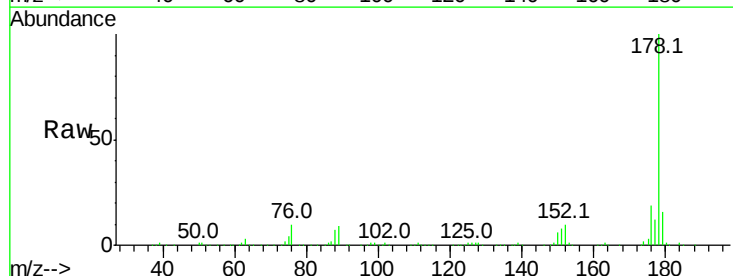
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 56248
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 33.106 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Tgt Ion:178 Resp: 394668
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.7 13.0 19.6

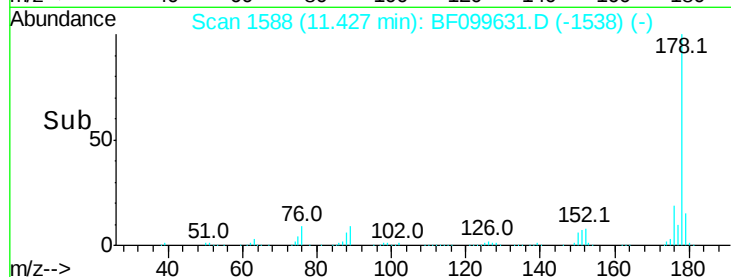
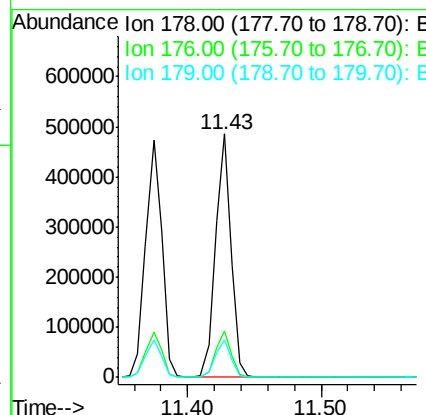
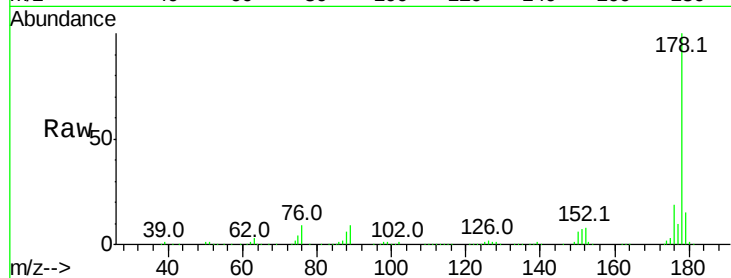




#71
 Anthracene
 Concen: 32.731 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

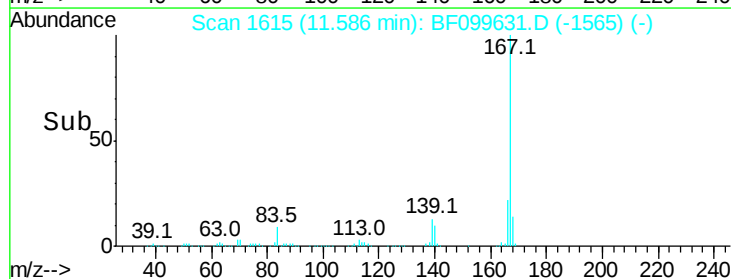
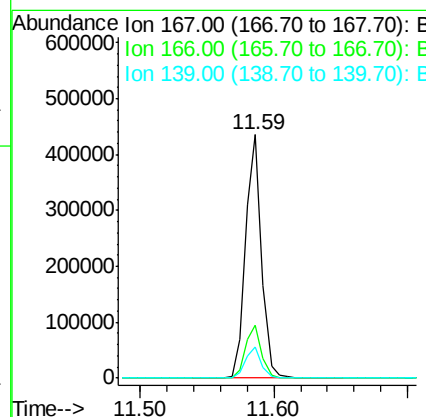
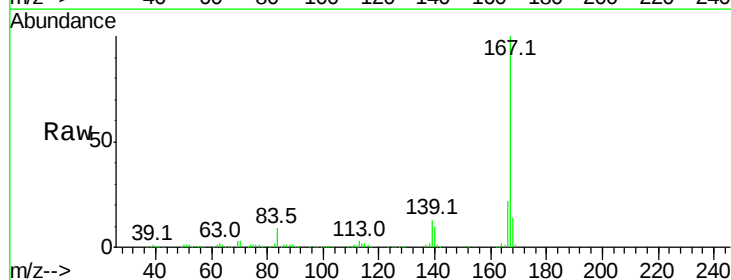
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 399249
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 30.014 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Tgt Ion:167 Resp: 358512
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.6 10.9 16.3

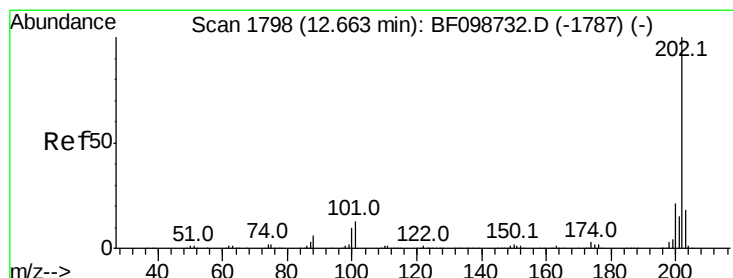
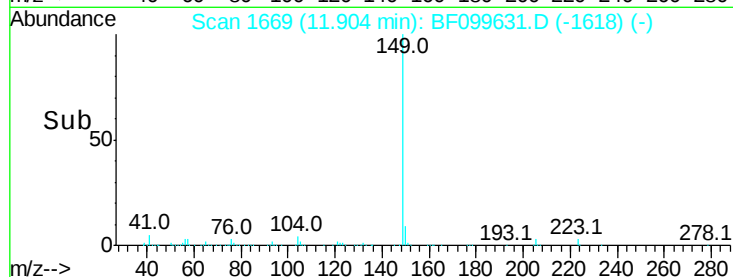
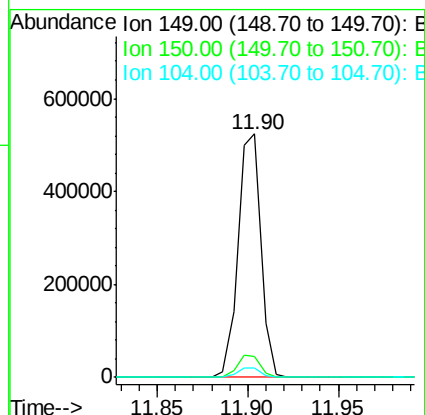
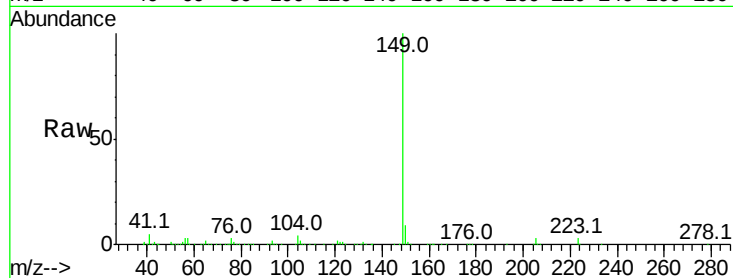




#73
Di-n-butylphthalate
Concen: 31.968 ng
RT: 11.90 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

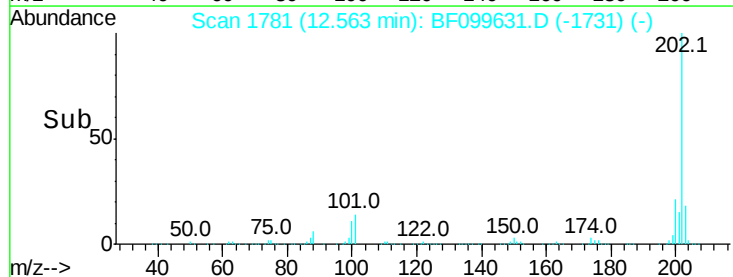
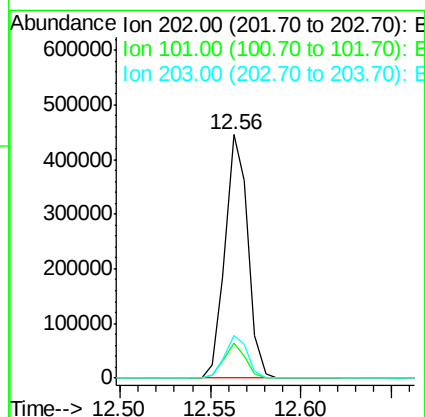
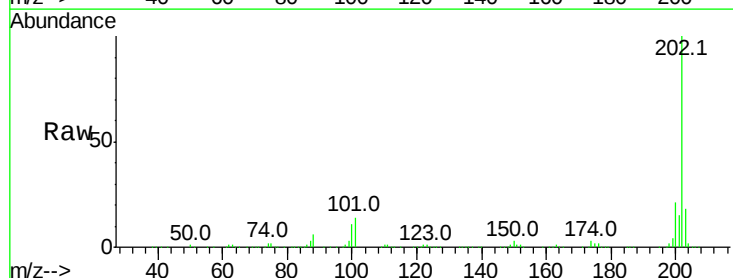
Instrument :
BNA_F
ClientSampleId :

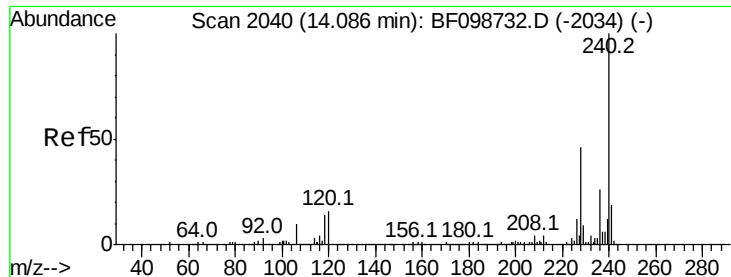
Tot Ion:149 Resp: 459625
Ion Ratio Lower Upper
149 100
150 8.7 7.8 11.6
104 3.9 3.8 5.8



#74
Fluoranthene
Concen: 32.413 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:202 Resp: 391282
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampled :

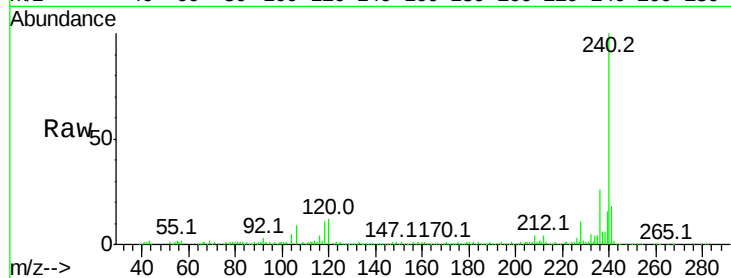
Tot Ion:240 Resp: 184359

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

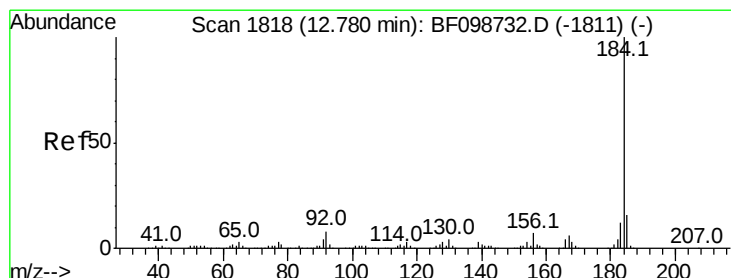
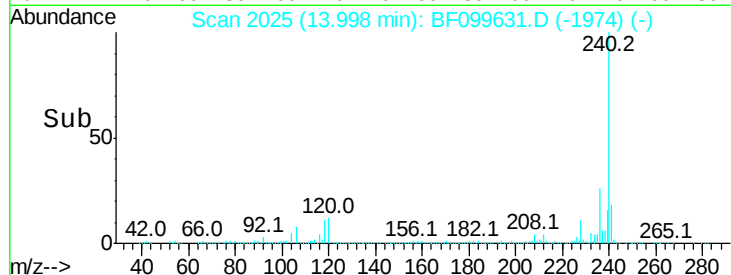
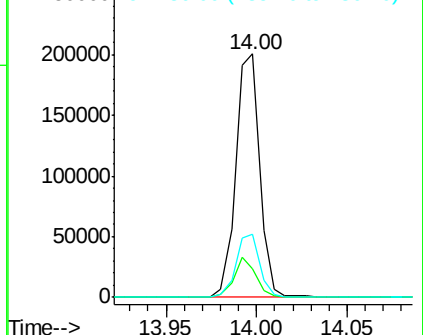
236 26.1 20.7 31.1



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: 31.222 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

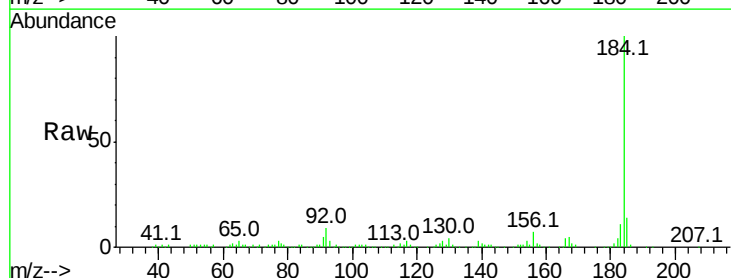
Tgt Ion:184 Resp: 212899

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

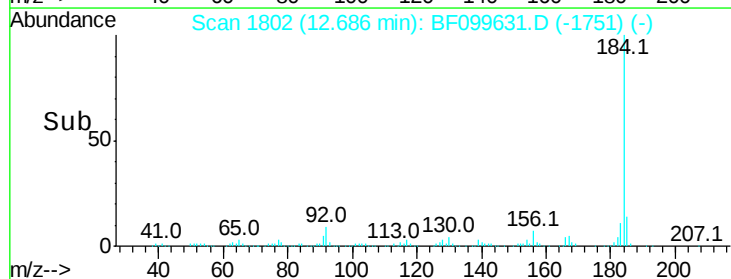
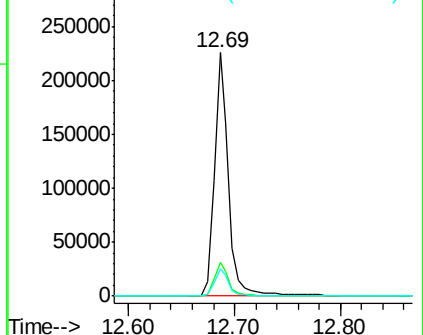
183 11.4 9.3 13.9

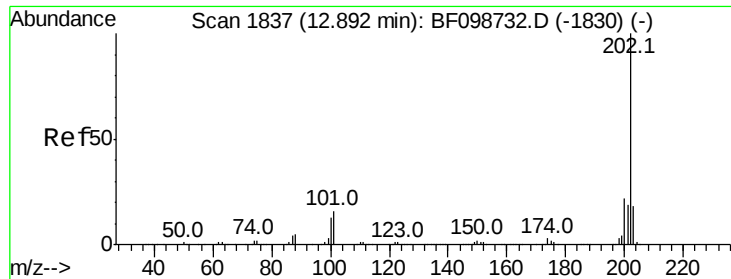


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 28.839 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampled :

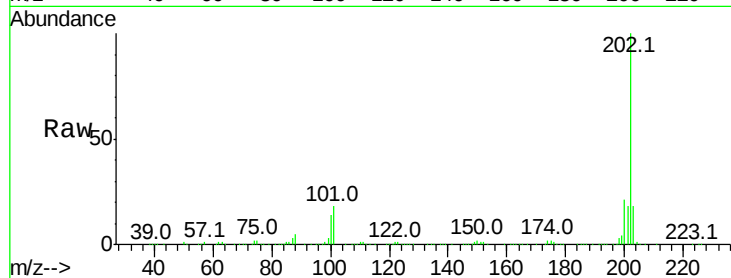
Tot Ion:202 Resp: 405417

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

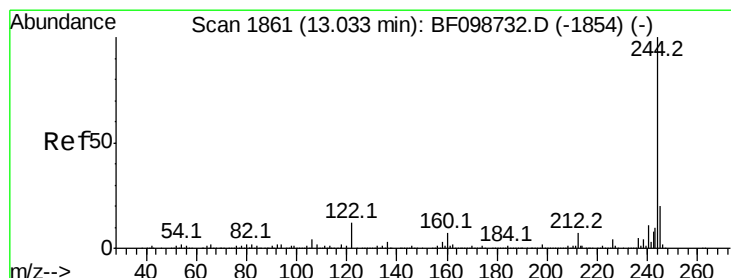
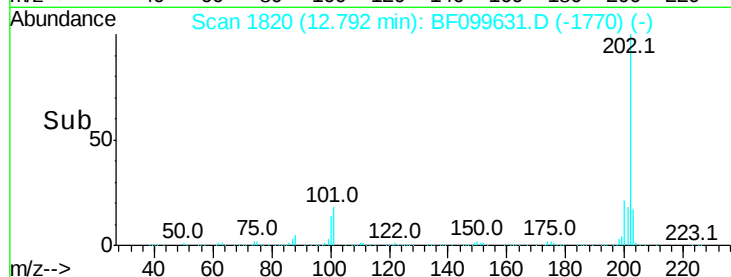
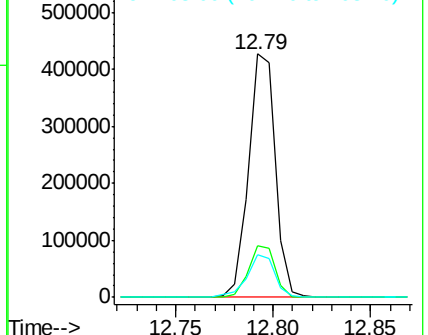
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.231 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

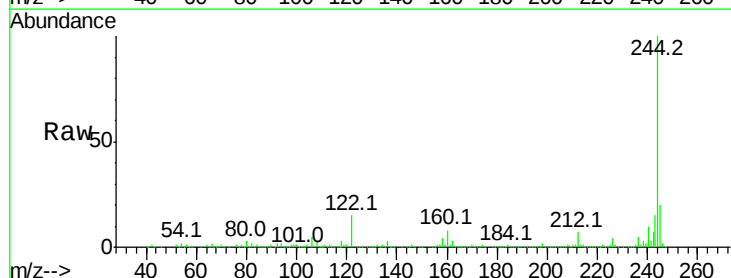
Tgt Ion:244 Resp: 472050

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

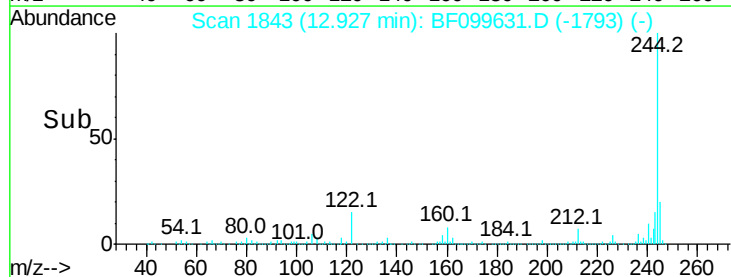
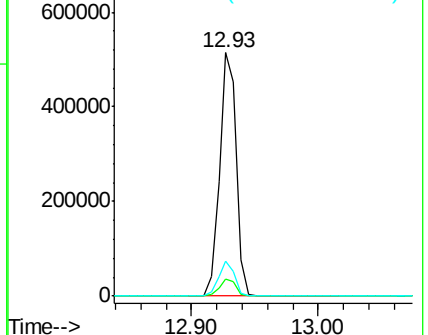
122 14.6 11.0 16.4

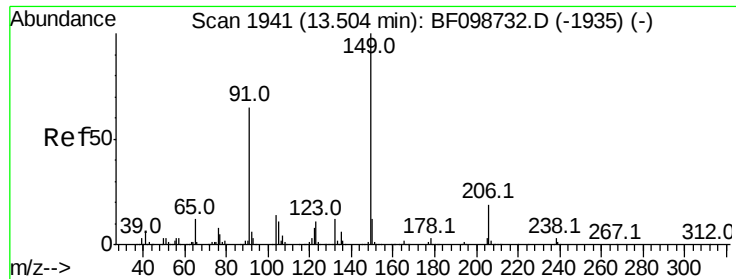


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

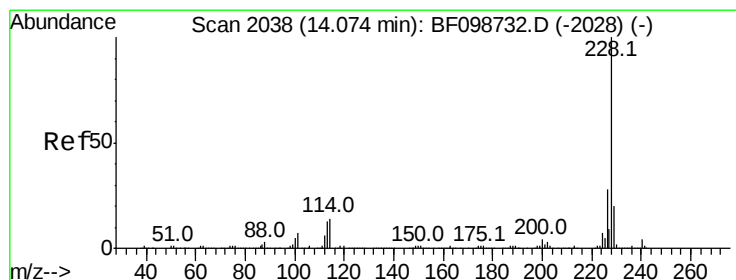
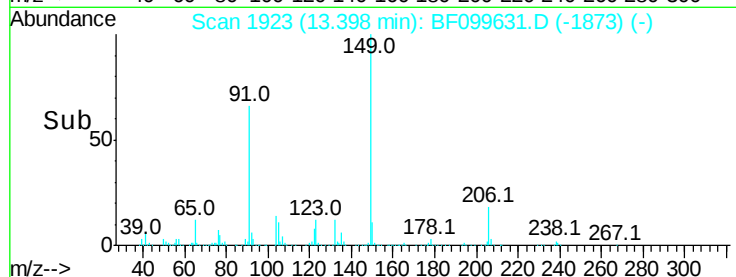
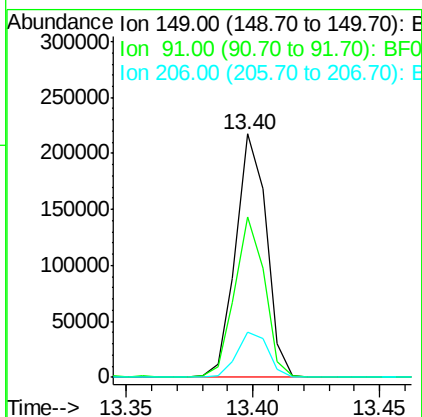
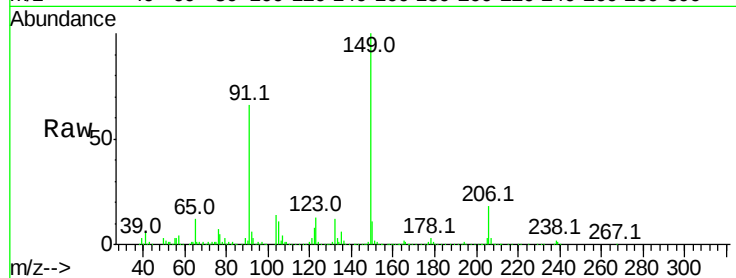




#79
Butylbenzylphthalate
Concen: 27.573 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

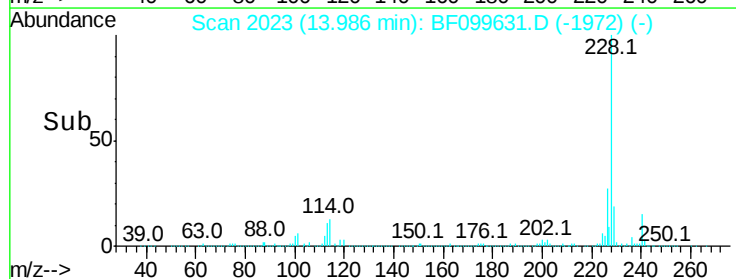
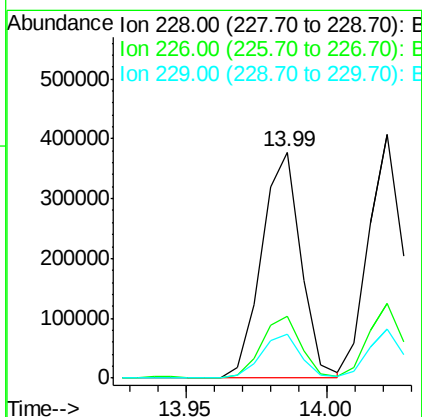
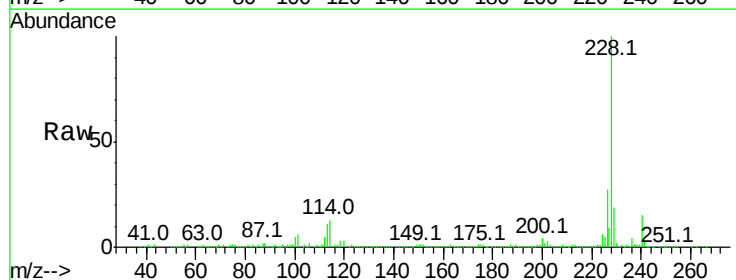
Instrument :
BNA_F
ClientSampled :

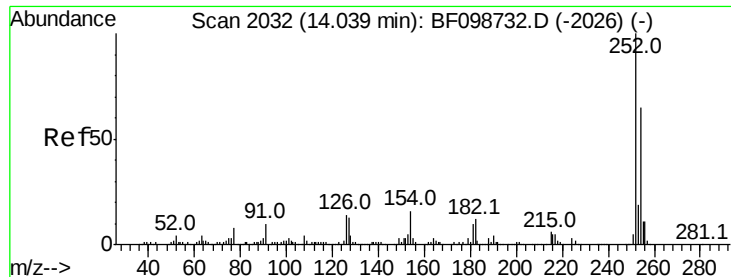
Tot Ion:149 Resp: 182173
Ion Ratio Lower Upper
149 100
91 66.1 56.8 85.2
206 18.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 32.573 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion:228 Resp: 363627
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.5 15.8 23.6

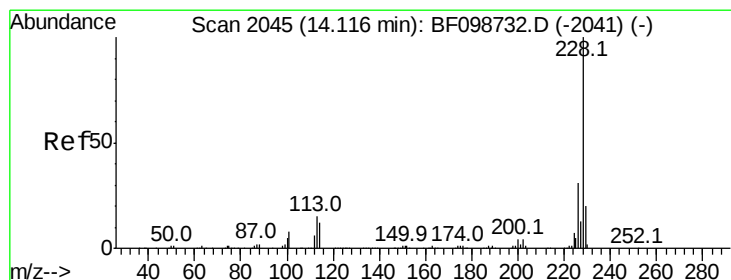
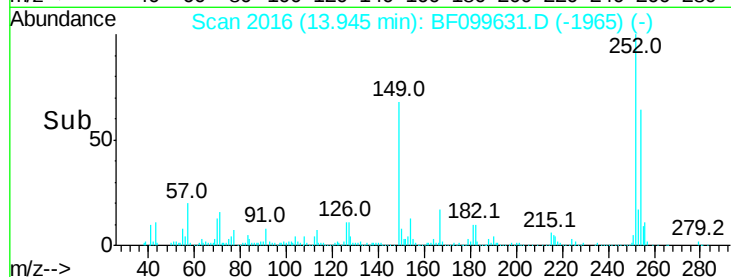
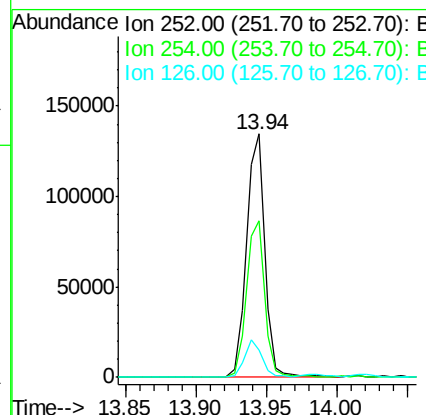
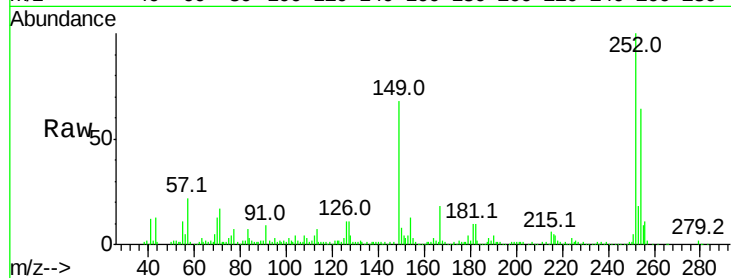




#81
 3,3'-Dichlorobenzidine
 Concen: 29.781 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

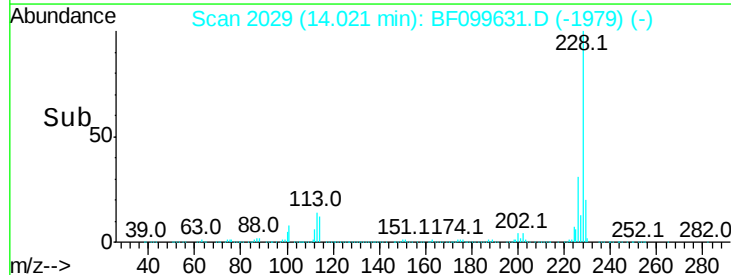
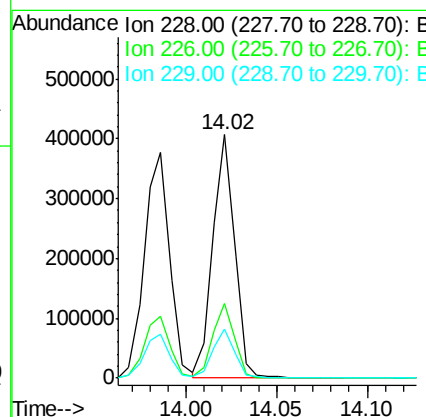
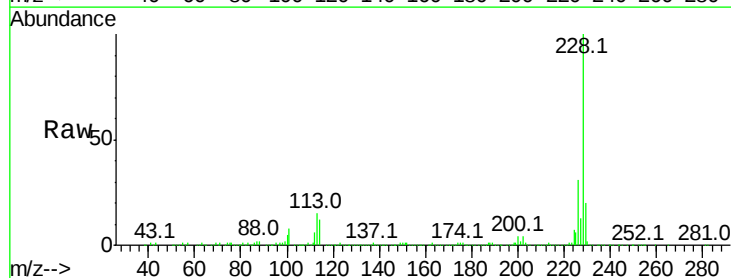
Instrument :
 BNA_F
 ClientSampleId :

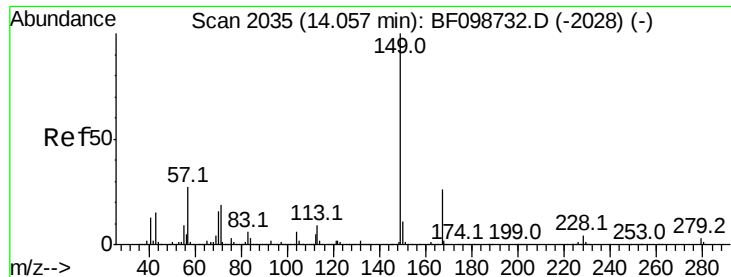
Tot Ion:252 Resp: 121874
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 11.5 11.3 16.9



#82
 Chrysene
 Concen: 31.876 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Tgt Ion:228 Resp: 338785
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.3 16.2 24.4

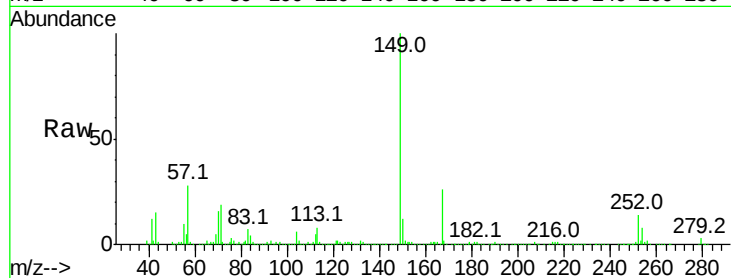




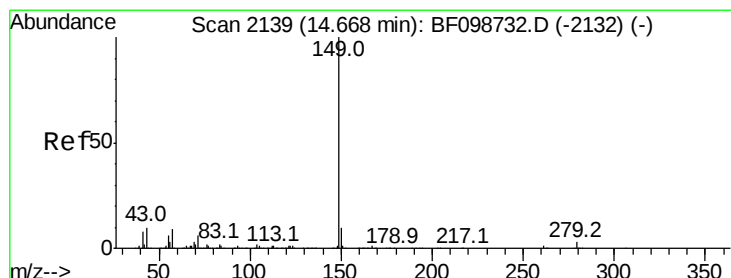
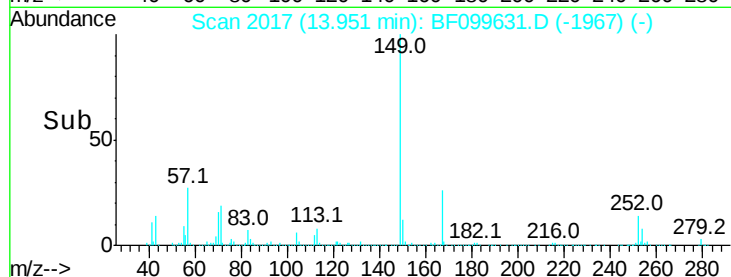
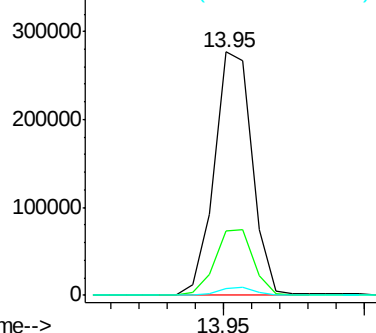
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.122 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	2.6	3.0	4.4#

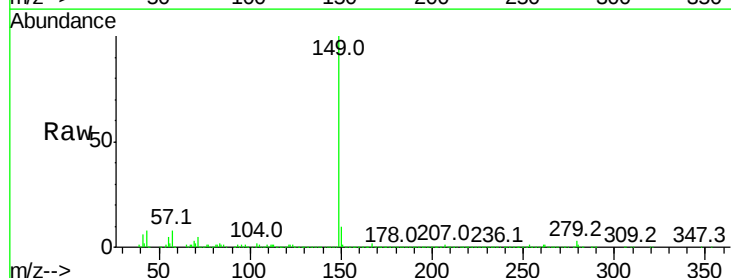


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

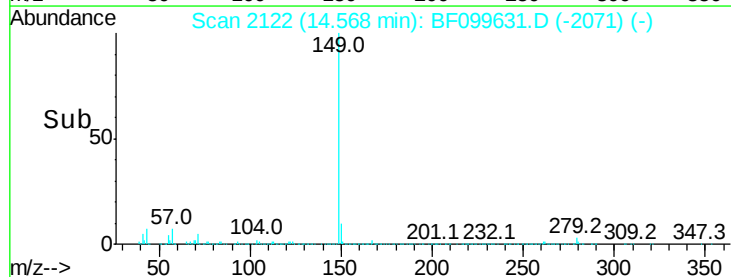
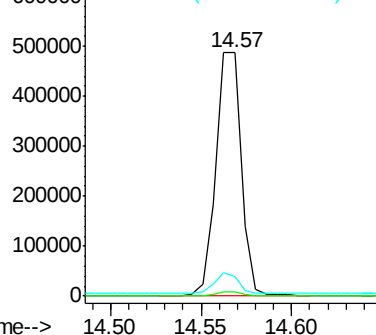


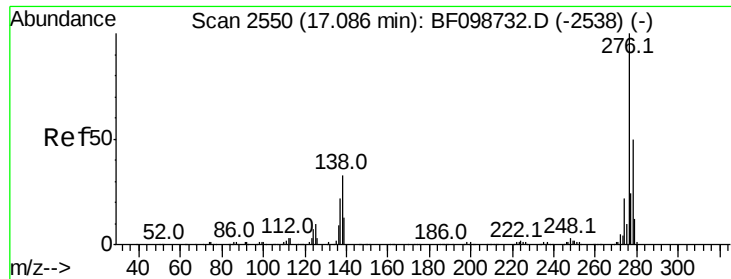
#84
 Di-n-octyl phthalate
 Concen: 32.174 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	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

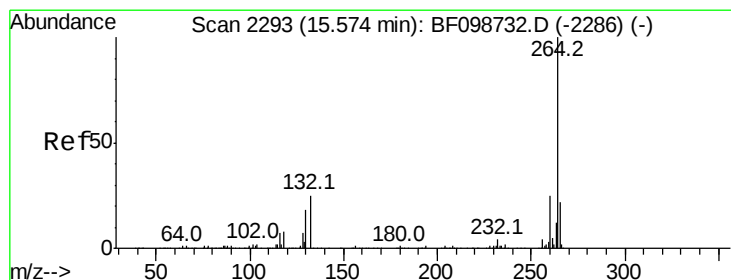
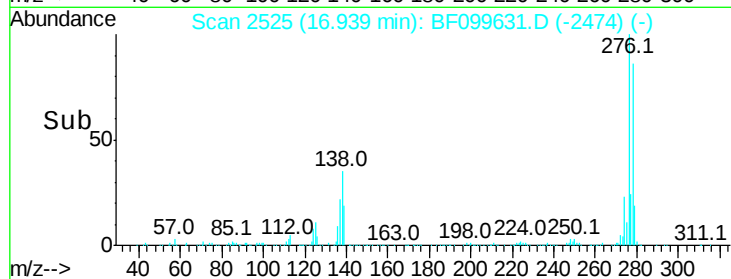
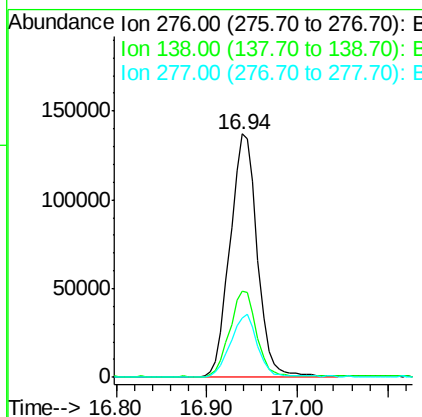
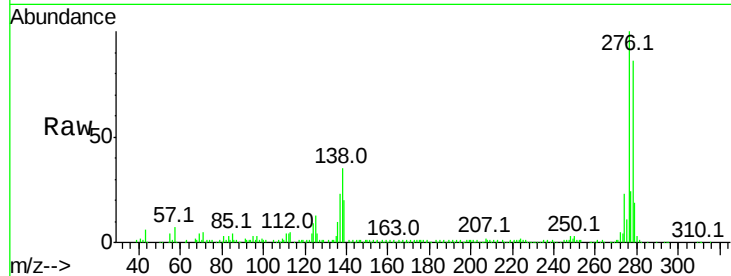




#85
Indeno(1,2,3-cd)pyrene
Concen: 33.625 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

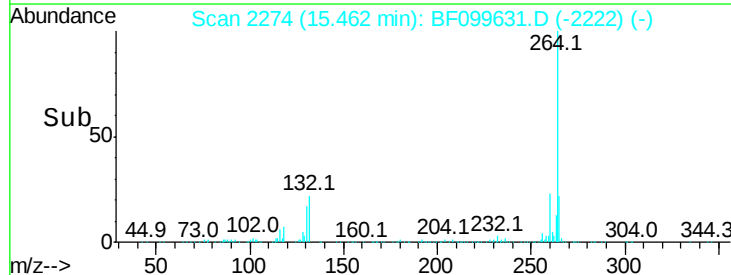
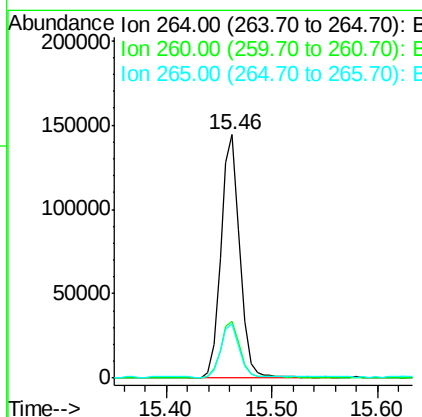
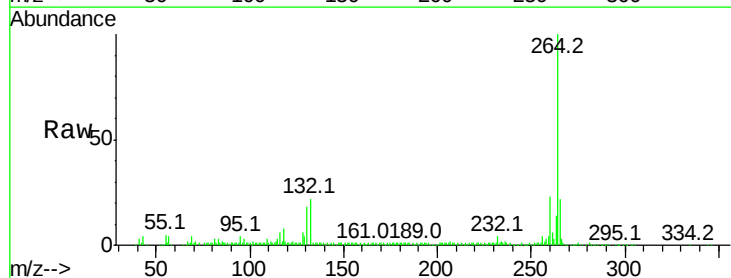
Instrument :
BNA_F
ClientSampleId :

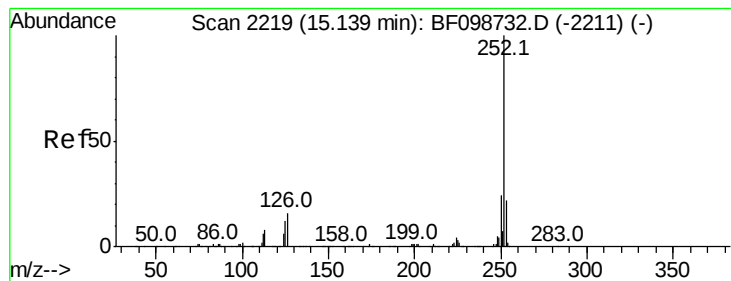
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	25.0	37.6
277	25.3	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099631.D
Acq: 18 Oct 2017 21:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 31.568 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

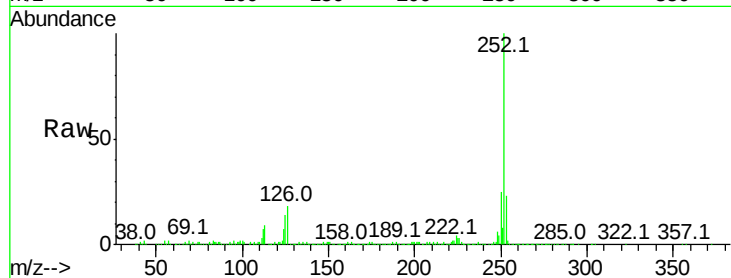
Tot Ion:252 Resp: 344415

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

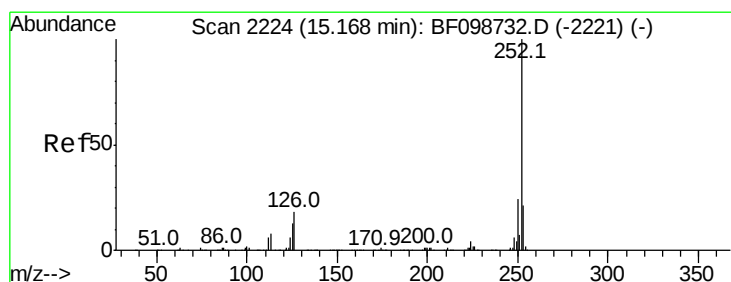
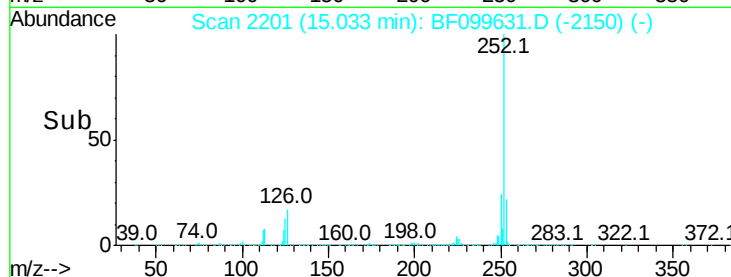
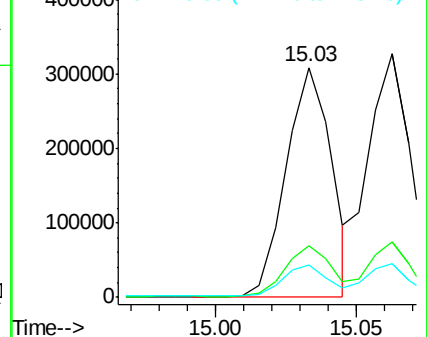
125 13.9 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.828 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

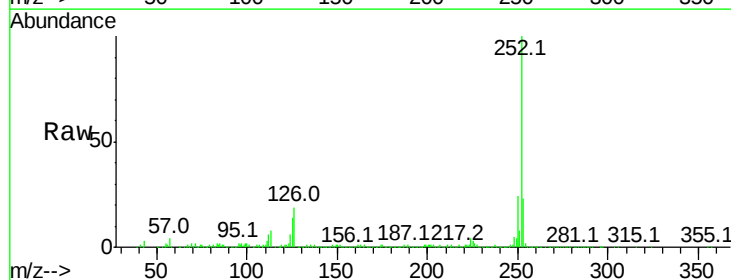
Tgt Ion:252 Resp: 342979

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

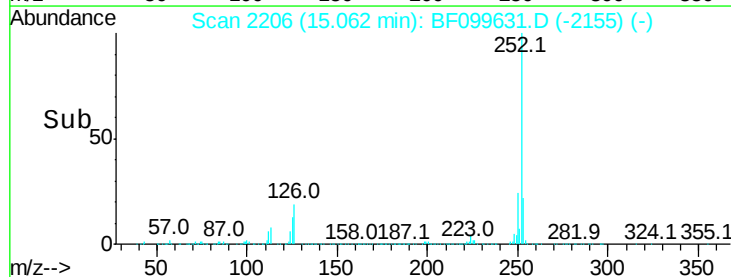
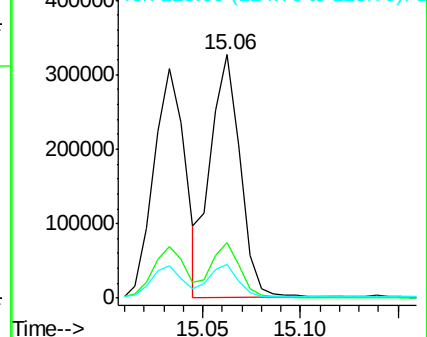
125 13.8 10.2 15.2

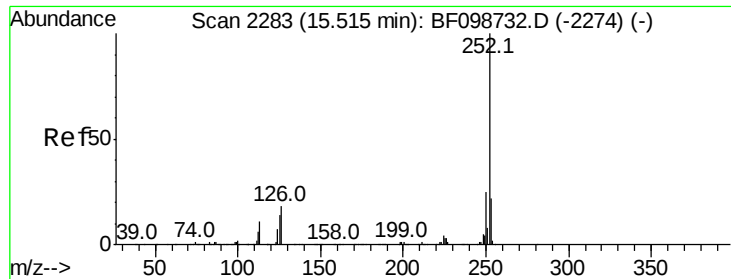


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 32.645 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

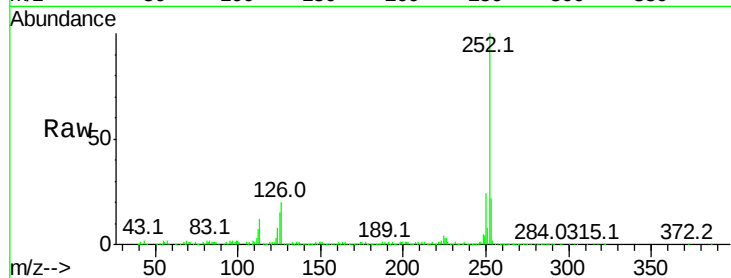
Tot Ion:252 Resp: 326939

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

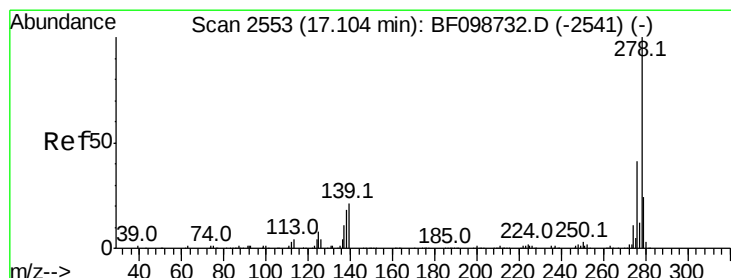
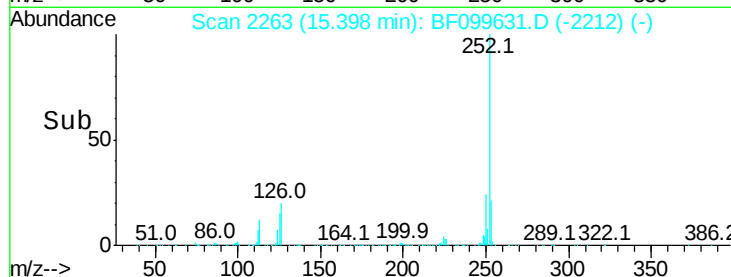
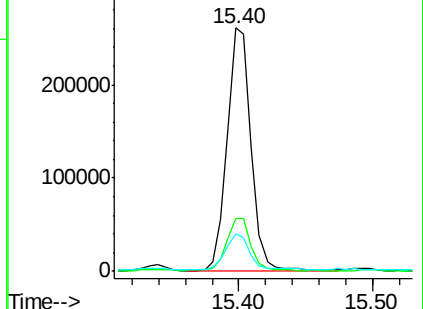
125 15.2 9.8 14.6#



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: 31.177 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF099631.D

Acq: 18 Oct 2017 21:42

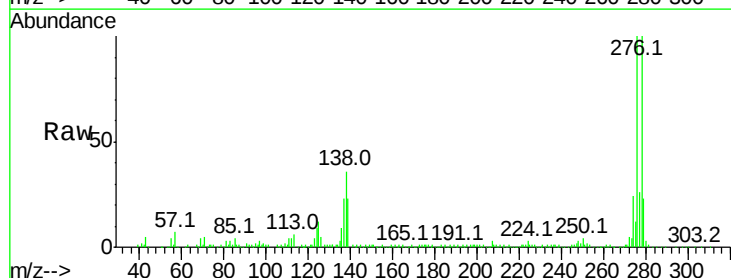
Tgt Ion:278 Resp: 249875

Ion Ratio Lower Upper

278 100

139 22.8 15.9 23.9

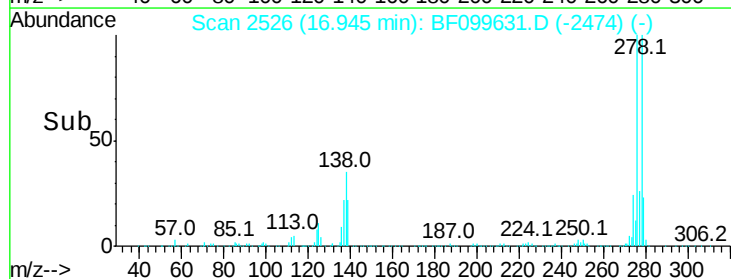
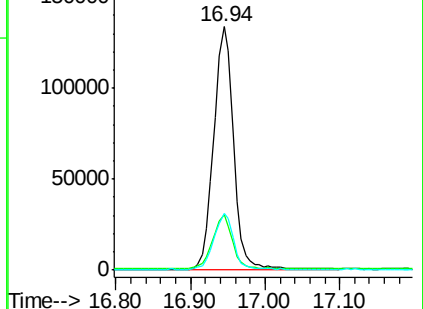
279 23.4 19.0 28.4

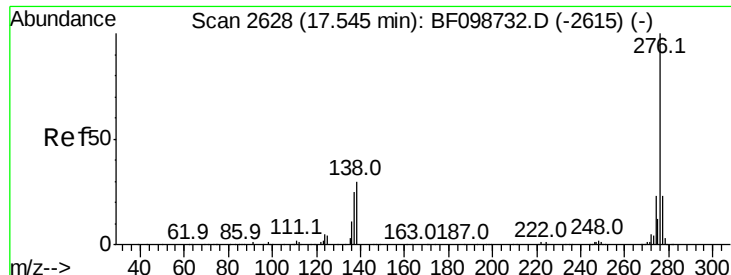


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

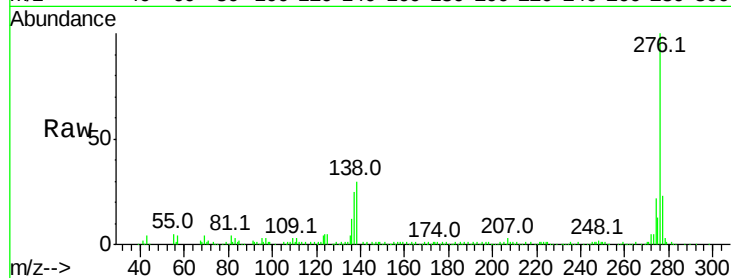




#91
 Benzo(a,h,i)perylene
 Concen: 29.512 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. 0.01 min
 Lab File: BF099631.D
 Acq: 18 Oct 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	29.8	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

