

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099487.D
 Acq On : 14 Oct 2017 20:05
 Operator : SJ/JU
 Sample : I5865-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:09:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	93598	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	393362	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	178776	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	304660	20.00	ng	0.00
75) Chrysene-d12	14.02	240	177726	20.00	ng	0.00
86) Perylene-d12	15.49	264	145222	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	815617	138.72	ng	0.02
7) Phenol-d6	6.50	99	988111	136.23	ng	0.01
23) Nitrobenzene-d5	7.42	82	594385	96.90	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	198812	135.91	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1081745	101.01	ng	0.00
78) Terphenyl-d14	12.96	244	854664	109.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	109456	38.971	ng	96
3) Pyridine	3.48	79	212226	27.932	ng	93
4) n-Nitrosodimethylamine	3.42	42	124677	38.697	ng	81
6) Aniline	6.52	93	298464	30.489	ng	99
8) 2-Chlorophenol	6.65	128	301055	45.214	ng	94
9) Benzaldehyde	6.41	77	99184	23.574	ng	92
10) Phenol	6.51	94	403258	49.712	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	280806	44.528	ng	97
12) 1,3-Dichlorobenzene	6.79	146	321000	46.033	ng	98
13) 1,4-Dichlorobenzene	6.87	146	327196	46.118	ng	98
14) 1,2-Dichlorobenzene	7.02	146	300773	45.880	ng	99
15) Benzyl Alcohol	7.00	79	225048	42.294	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	391118	39.808	ng	90
17) 2-Methylphenol	7.11	107	246669	45.276	ng	99
18) Hexachloroethane	7.36	117	113398	44.467	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	185522	40.062	ng	92
20) 3+4-Methylphenols	7.27	107	293644	42.605	ng	# 70
22) Acetophenone	7.27	105	391032	41.030	ng	# 97
24) Nitrobenzene	7.44	77	300749	43.223	ng	97
25) Isophorone	7.67	82	554463	43.722	ng	99
26) 2-Nitrophenol	7.76	139	168241	50.282	ng	88
27) 2,4-Dimethylphenol	7.79	122	269368	42.629	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	361164	45.699	ng	98
29) 2,4-Dichlorophenol	8.00	162	250951	46.256	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	252635	46.559	ng	100
31) Naphthalene	8.16	128	853990	46.225	ng	100
32) Benzoic acid	7.90	122	51924	10.004	ng	97
33) 4-Chloroaniline	8.21	127	169457	21.965	ng	96
34) Hexachlorobutadiene	8.27	225	125627	44.950	ng	99
35) Caprolactam	8.59	113	50305	28.906	ng	89
36) 4-Chloro-3-methylphenol	8.70	107	264999	43.457	ng	97
37) 2-Methylnaphthalene	8.85	142	589228	49.061	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	235312	44.135	ng	99
40) Hexachlorocyclopentadiene	9.00	237	151643	62.237	ng	97

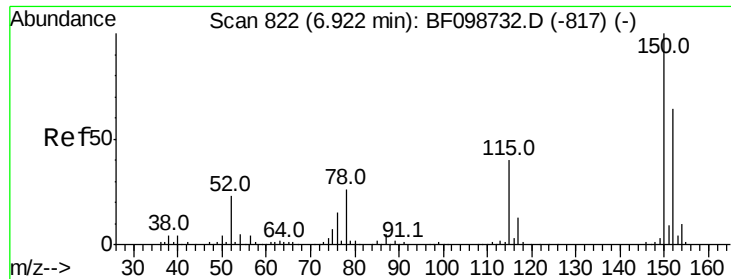
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
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 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	154657	40.946	nq	96
43) 2,4,5-Trichlorophenol	9.17	196	161853	42.926	nq	98
45) 1,1'-Biphenyl	9.31	154	679753	44.241	nq	99
46) 2-Chloronaphthalene	9.34	162	534201	46.307	nq	98
47) 2-Nitroaniline	9.45	65	155716	44.083	nq	86
48) Acenaphthylene	9.76	152	795903	45.068	nq	99
49) Dimethylphthalate	9.62	163	799414	59.246	nq	100
50) 2,6-Dinitrotoluene	9.68	165	140730	47.908	nq	96
51) Acenaphthene	9.93	154	471841	42.179	nq	98
52) 3-Nitroaniline	9.86	138	108936	31.805	nq	# 87
53) 2,4-Dinitrophenol	9.97	184	62670	43.820	nq	91
54) Dibenzofuran	10.10	168	695442	46.691	nq	98
55) 4-Nitrophenol	10.03	139	149217	51.522	nq	90
56) 2,4-Dinitrotoluene	10.09	165	173059	45.394	nq	94
57) Fluorene	10.45	166	552159	46.122	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	116396	44.688	nq	96
59) Diethylphthalate	10.31	149	589391	44.703	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	251151	46.702	nq	98
61) 4-Nitroaniline	10.47	138	148393	44.907	nq	90
62) Azobenzene	10.59	77	560743	46.255	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	66265	35.749	nq	77
65) n-Nitrosodiphenylamine	10.55	169	500319	47.404	nq	97
66) 4-Bromophenyl-phenylether	10.92	248	144613	48.493	nq	91
67) Hexachlorobenzene	10.99	284	145493	45.680	nq	94
68) Atrazine	11.08	200	152347	47.976	nq	100
69) Pentachlorophenol	11.19	266	98390	49.636	nq	100
70) Phenanthrene	11.40	178	775274	47.541	nq	99
71) Anthracene	11.46	178	803802	48.173	nq	100
72) Carbazole	11.62	167	723436	44.274	nq	99
73) Di-n-butylphthalate	11.93	149	888966	45.199	nq	98
74) Fluoranthene	12.60	202	753072	45.604	nq	98
76) Benzidine	12.72	184	159662	24.289	nq	98
77) Pyrene	12.83	202	758754	55.987	nq	99
79) Butylbenzylphthalate	13.43	149	330238	51.849	nq	97
80) Benzo(a)anthracene	14.01	228	519934	48.313	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	112357	28.480	nq	99
82) Chrysene	14.05	228	482699	47.112	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	408695	46.601	nq	# 99
84) Di-n-octyl phthalate	14.59	149	575234	40.734	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.99	276	470280	57.380	nq	96
87) Benzo(b)fluoranthene	15.09	252	382735	42.865	nq	98
88) Benzo(k)fluoranthene	15.09	252	382735	43.399	nq	99
89) Benzo(a)pyrene	15.43	252	392019	47.830	nq	# 97
90) Dibenzo(a,h)anthracene	16.99	278	390489	59.533	nq	96
91) Benzo(g,h,i)perylene	17.44	276	414435	63.920	nq	94

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

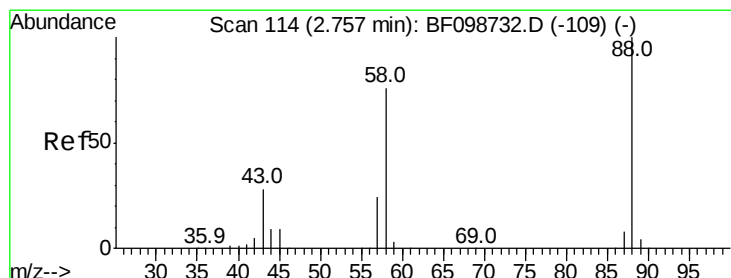
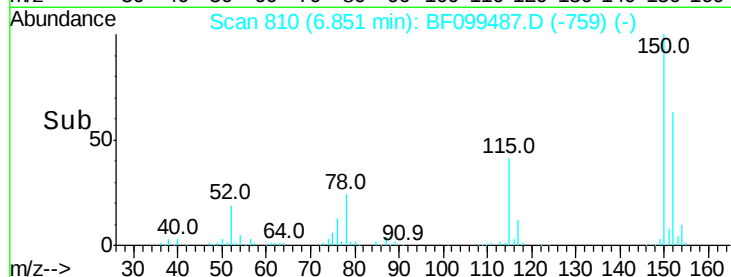
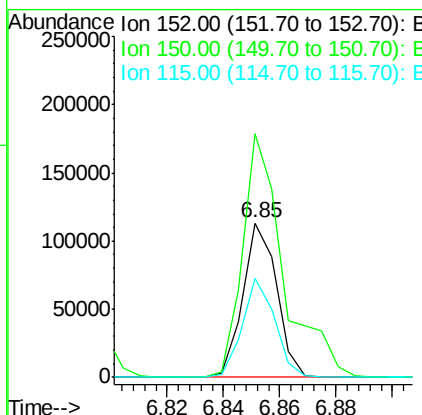
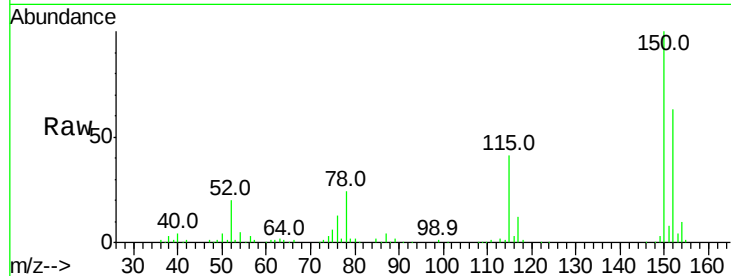


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Instrument :
BNA_F
ClientSampleId :

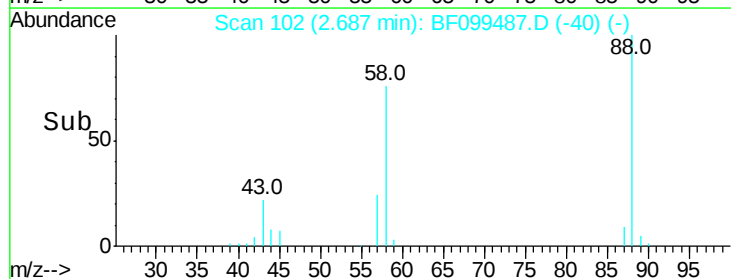
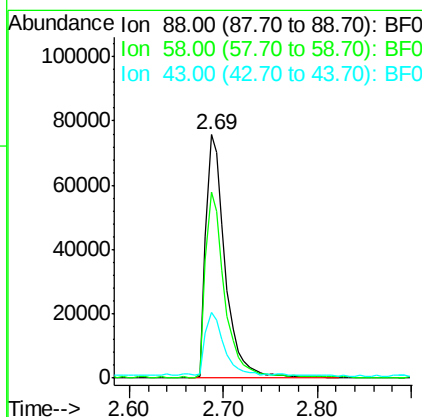
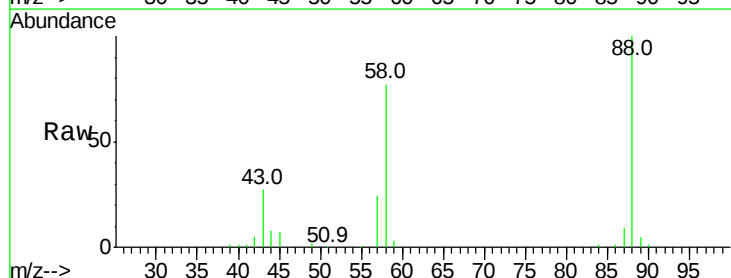
Tot Ion:152 Resp: 93598
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 64.3 50.1 75.1

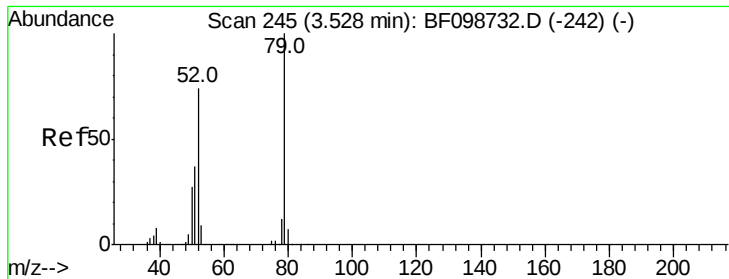


#2

1,4-Dioxane
Concen: 38.971 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.06 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion: 88 Resp: 109456
Ion Ratio Lower Upper
88 100
58 76.5 62.6 93.8
43 25.1 24.6 37.0

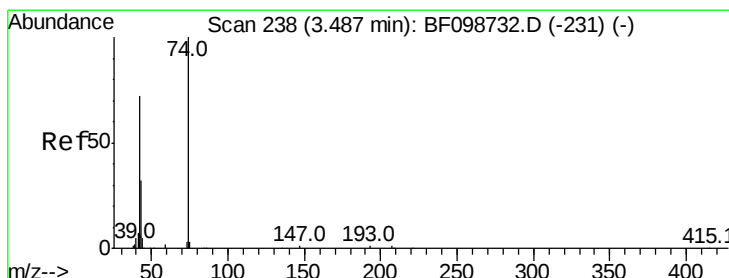
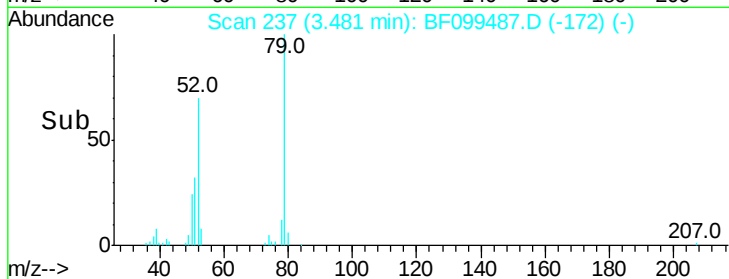
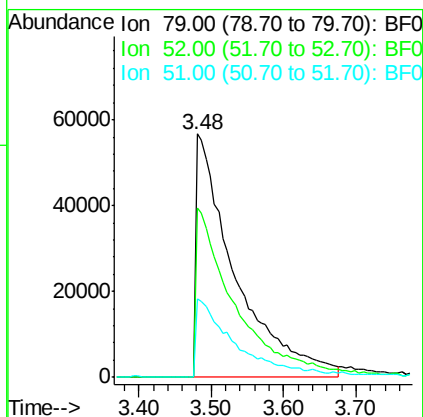
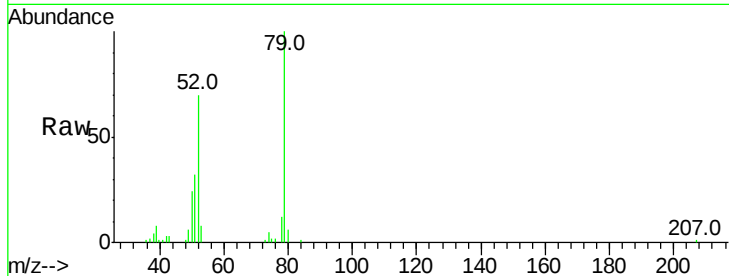




#3
 Pvridine
 Concen: 27.932 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.08 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

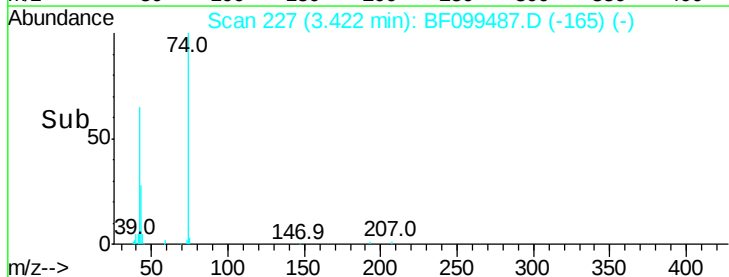
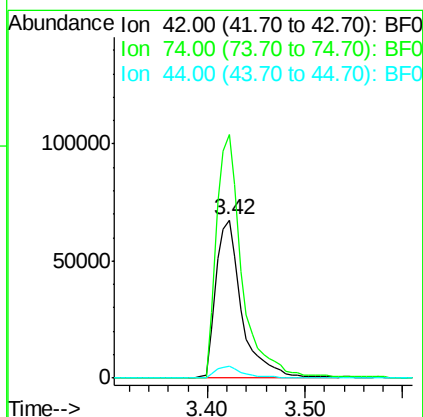
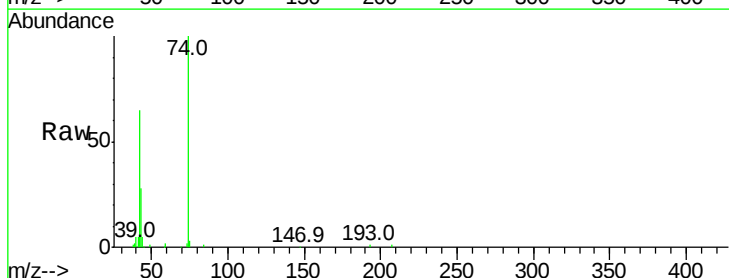
Instrument :
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 ClientSampleId :

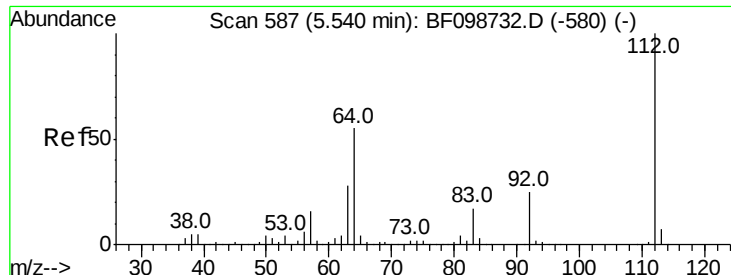
Tot Ion: 79 Resp: 212226
 Ion Ratio Lower Upper
 79 100
 52 69.5 59.8 89.6
 51 32.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.697 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.06 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion: 42 Resp: 124677
 Ion Ratio Lower Upper
 42 100
 74 153.9 104.9 157.3
 44 7.2 6.9 10.3

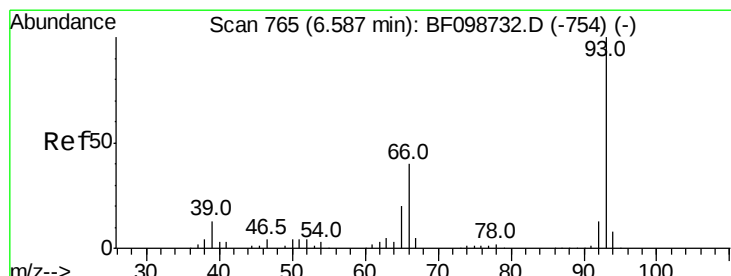
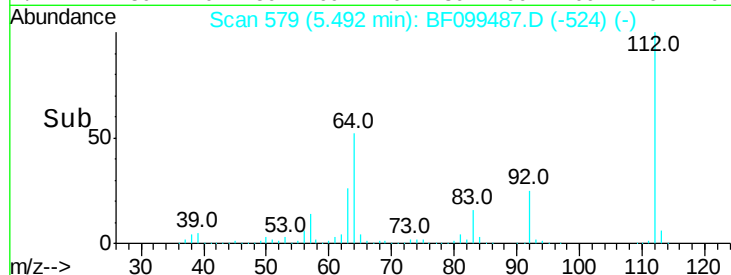
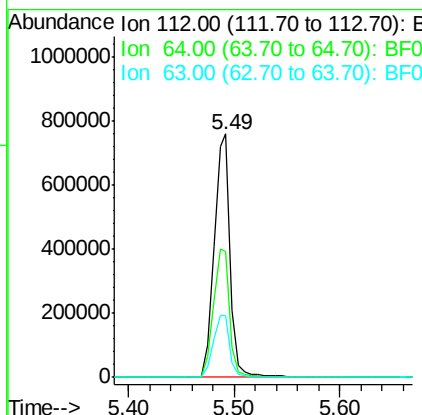
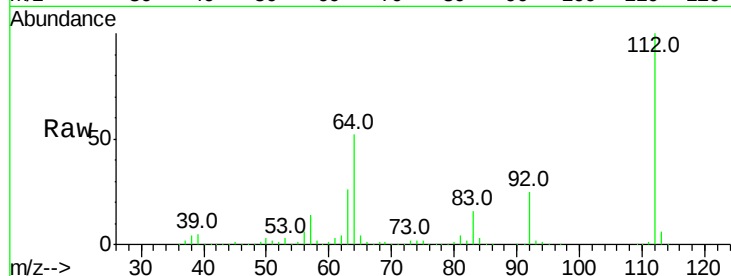




#5
 2-Fluorophenol
 Concen: 138.719 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

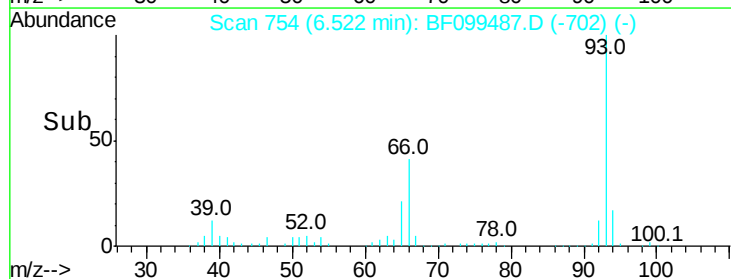
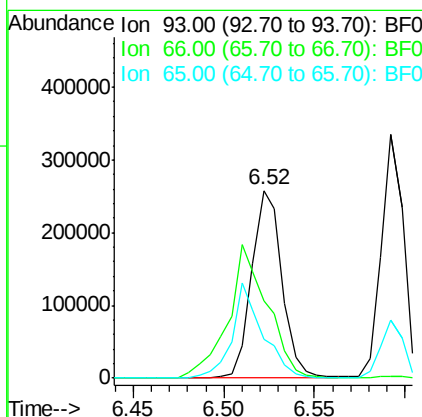
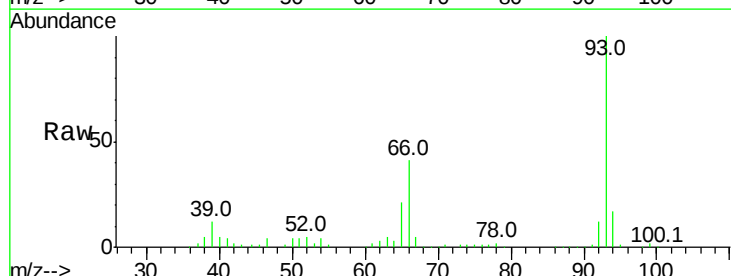
Instrument :
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 ClientSampleId :

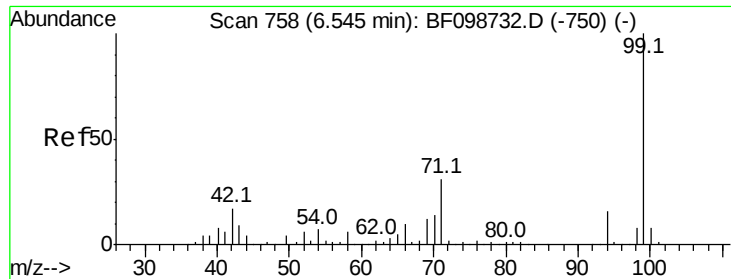
Tot Ion:112 Resp: 815617
 Ion Ratio Lower Upper
 112 100
 64 51.9 47.9 71.9
 63 25.6 23.7 35.5



#6
 Aniline
 Concen: 30.489 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion: 93 Resp: 298464
 Ion Ratio Lower Upper
 93 100
 66 41.2 32.2 48.2
 65 21.0 16.4 24.6





#7

Phenol-d6

Concen: 136.231 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :
BNA_F
ClientSampleId :

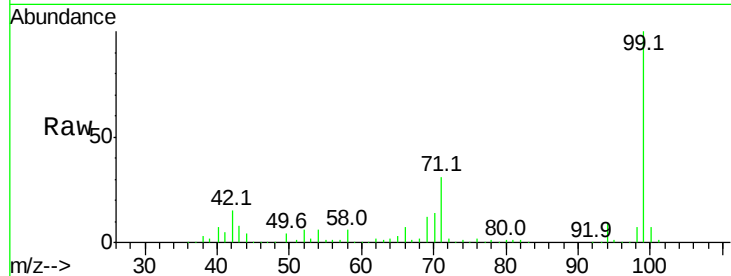
Tot Ion: 99 Resp: 988111

Ion Ratio Lower Upper

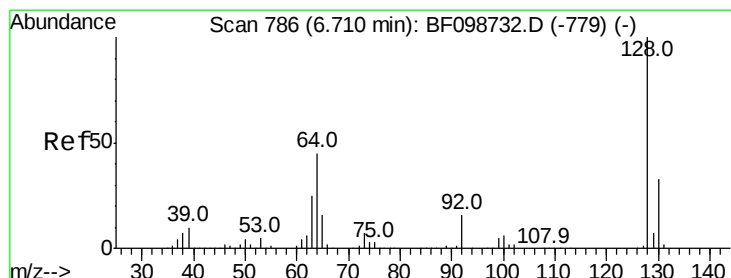
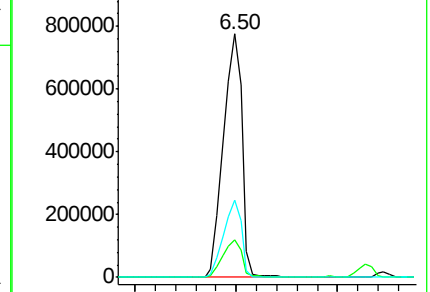
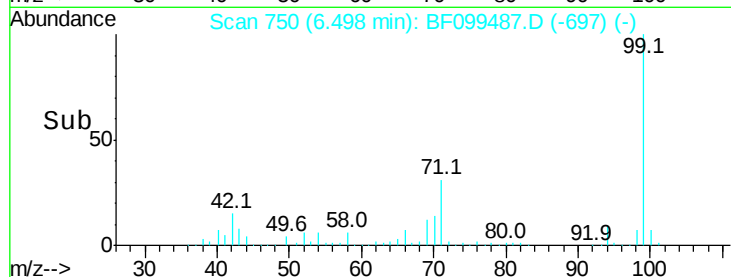
99 100

42 15.3 14.5 21.7

71 31.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 45.214 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

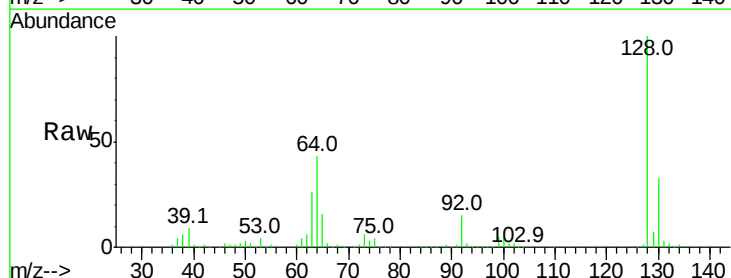
Tgt Ion:128 Resp: 301055

Ion Ratio Lower Upper

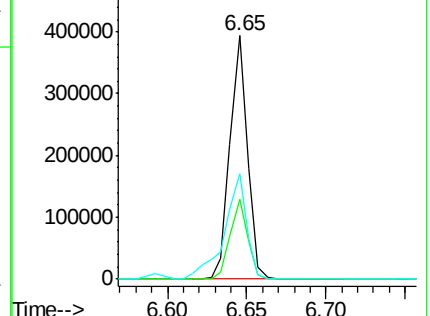
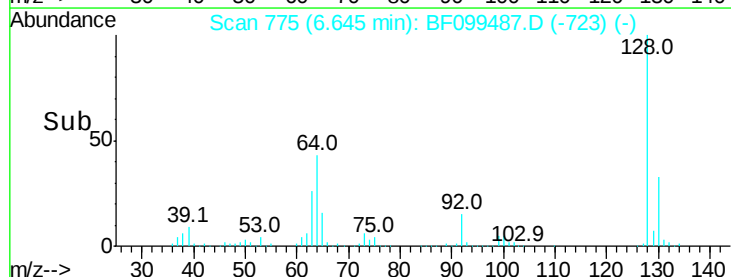
128 100

130 32.7 13.0 53.0

64 43.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

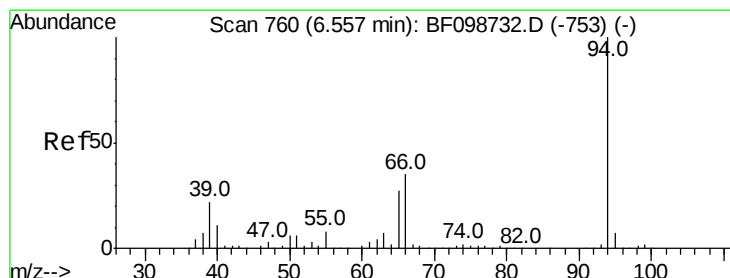
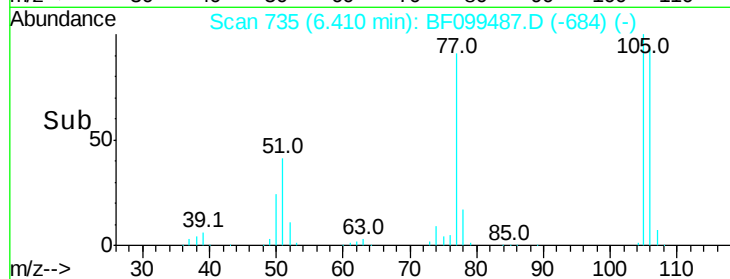
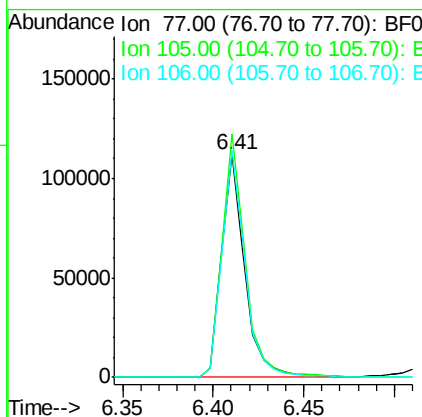
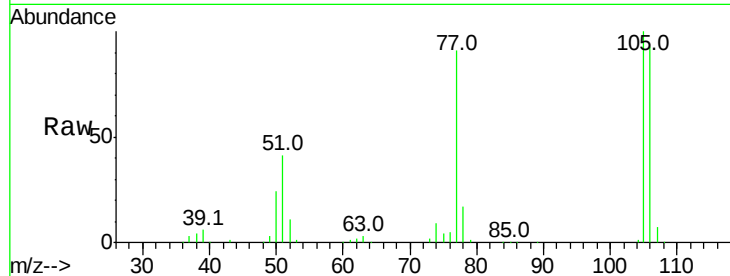




#9
Benzaldehyde
Concen: 23.574 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

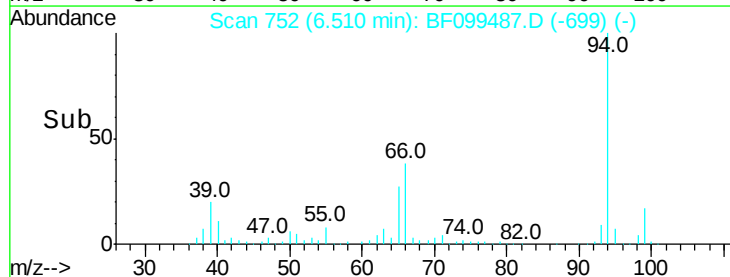
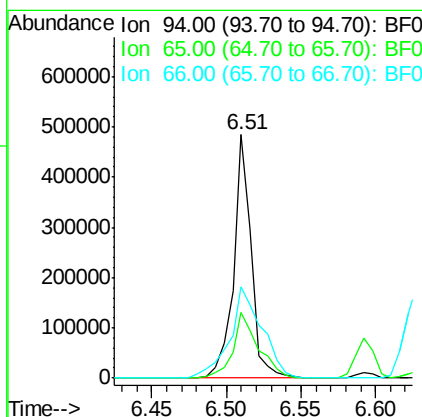
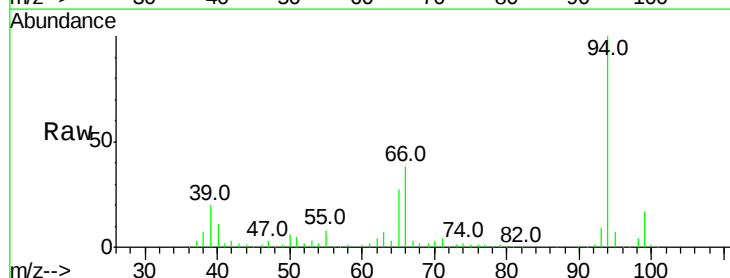
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 99184
Ion Ratio Lower Upper
77 100
105 109.4 81.1 121.1
106 102.2 74.5 114.5



#10
Phenol
Concen: 49.712 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion: 94 Resp: 403258
Ion Ratio Lower Upper
94 100
65 27.0 7.9 47.9
66 37.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 44.528 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

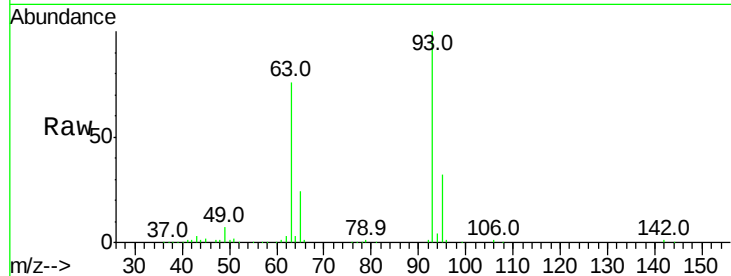
Tot Ion: 93 Resp: 280806

Ion Ratio Lower Upper

93 100

63 75.8 58.6 98.6

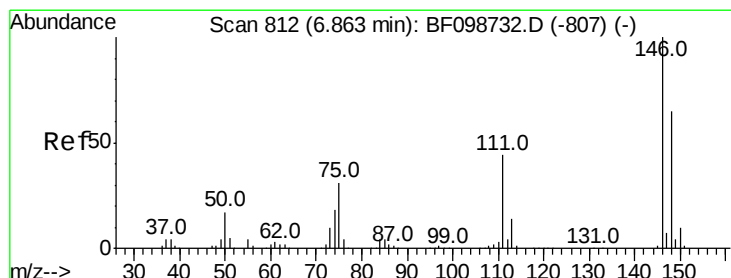
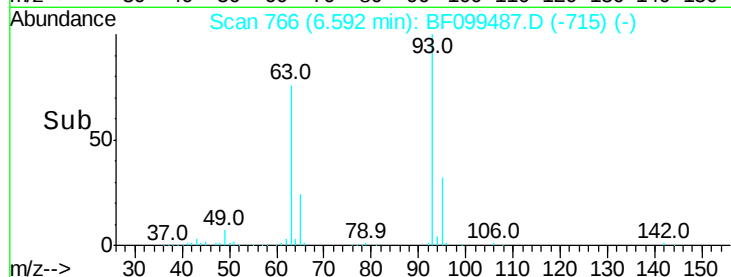
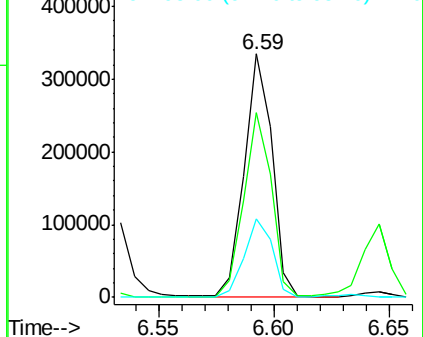
95 32.4 11.8 51.8



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: 46.033 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

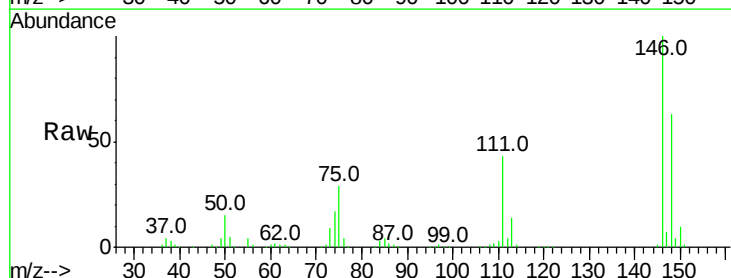
Tgt Ion: 146 Resp: 321000

Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.8

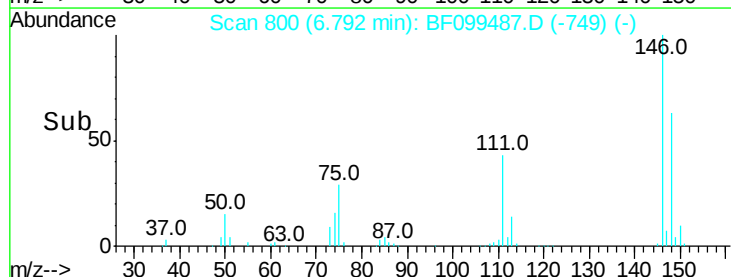
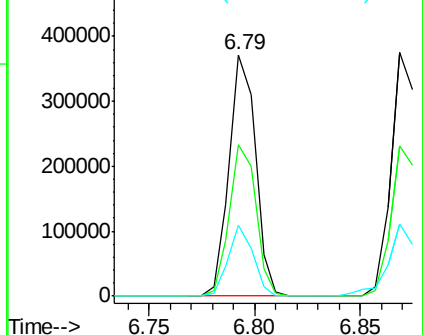
75 29.4 24.2 36.4

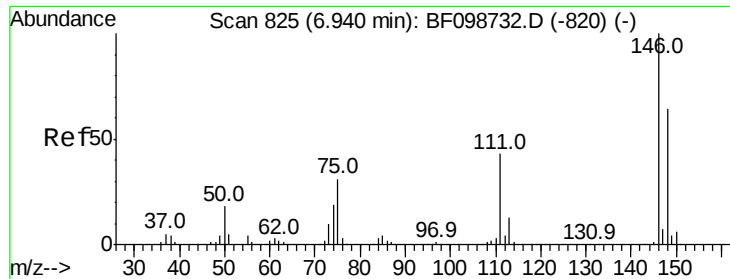


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

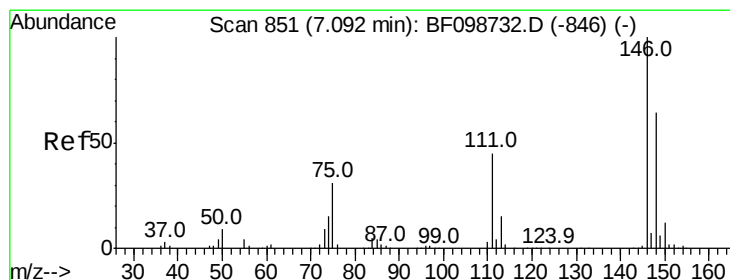
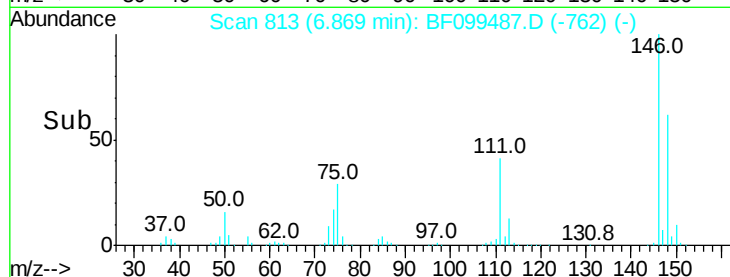
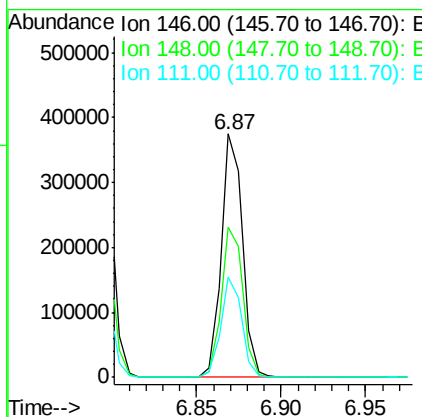
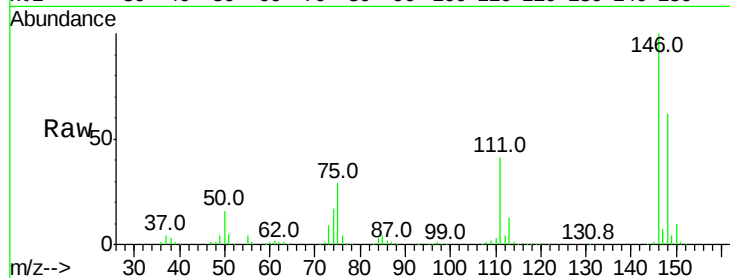




#13
 1,4-Dichlorobenzene
 Concen: 46.118 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

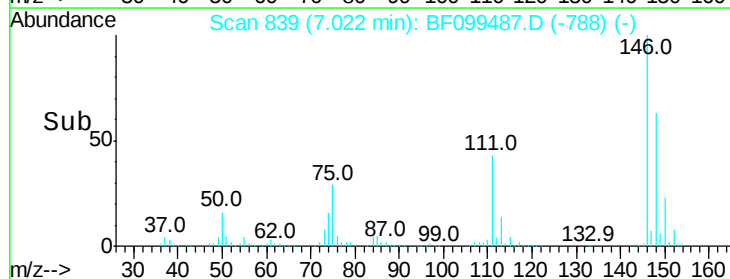
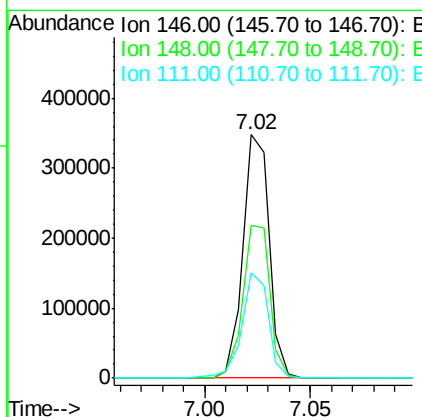
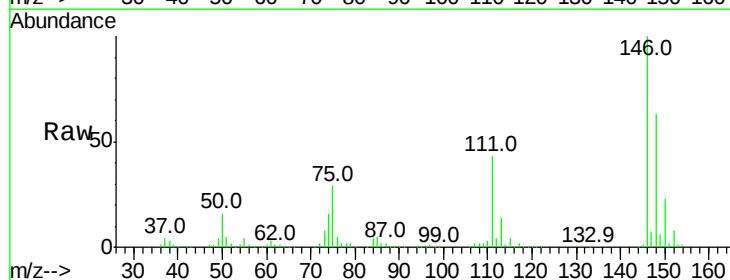
Instrument :
 BNA_F
 ClientSampled :

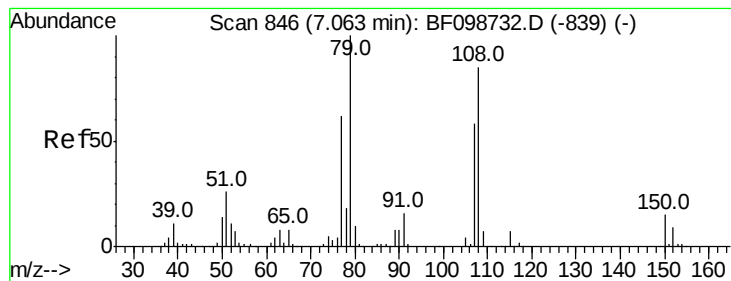
Tot Ion:146 Resp: 327196
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.8 76.2
 111 41.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 45.880 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion:146 Resp: 300773
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 43.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 42.294 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :
BNA_F
ClientSampleId :

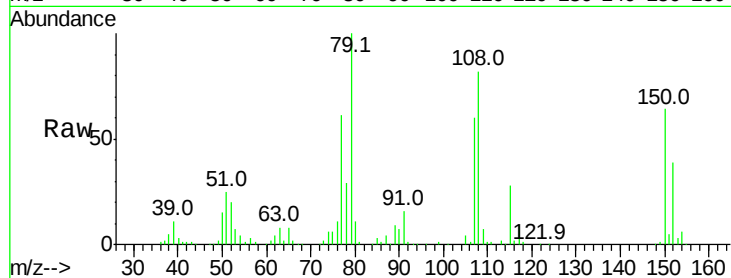
Tot Ion: 79 Resp: 225048

Ion Ratio Lower Upper

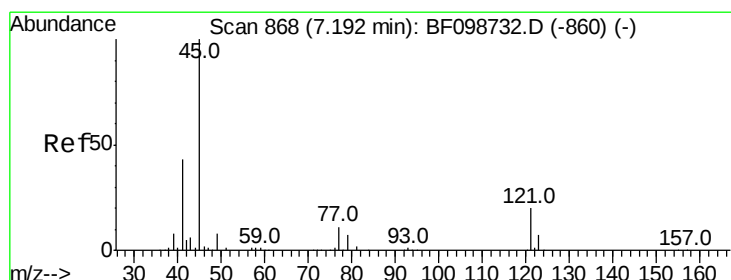
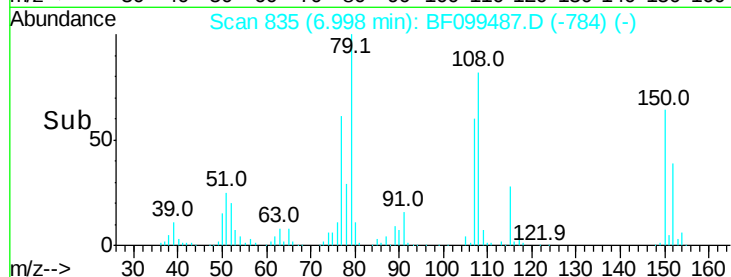
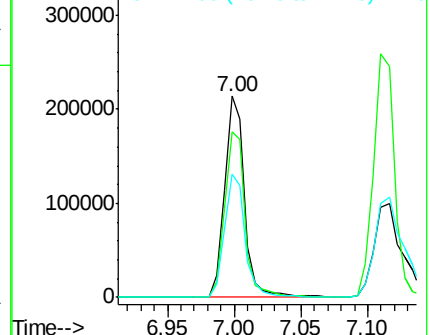
79 100

108 82.5 65.1 97.7

77 61.1 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.808 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

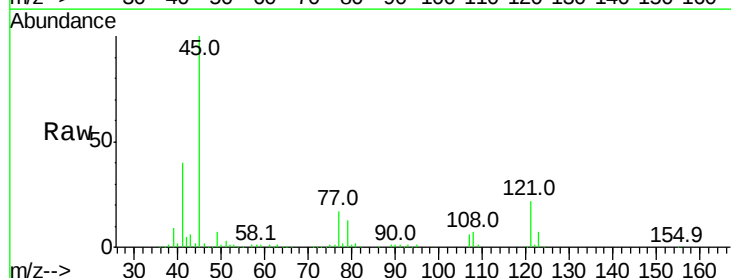
Tgt Ion: 45 Resp: 391118

Ion Ratio Lower Upper

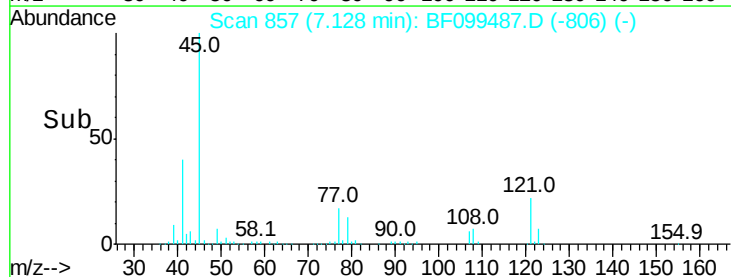
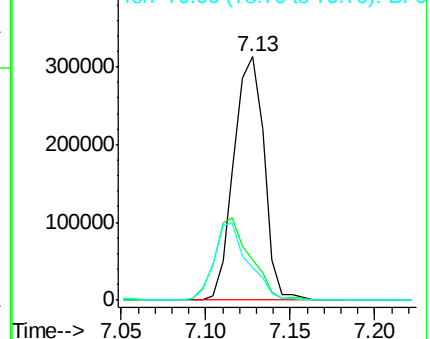
45 100

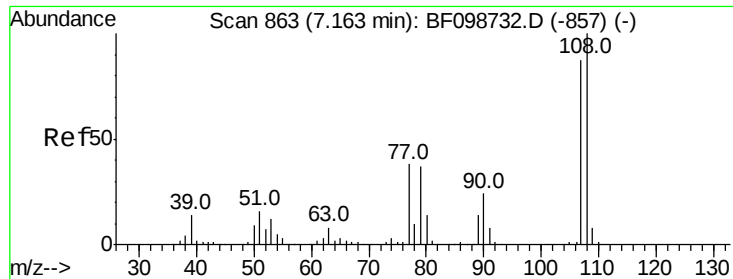
77 16.5 0.0 32.9

79 13.5 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 45.276 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 246669

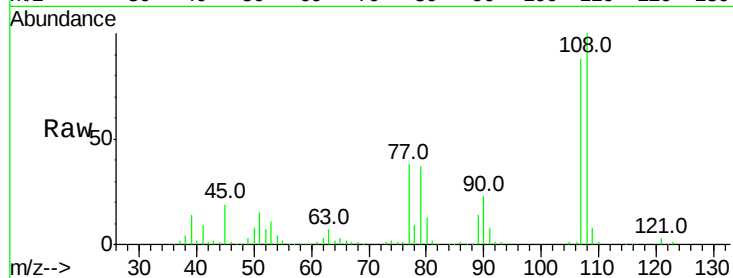
Ion Ratio Lower Upper

107 100

108 113.5 91.7 137.5

77 43.6 33.8 50.8

79 42.2 33.8 50.8

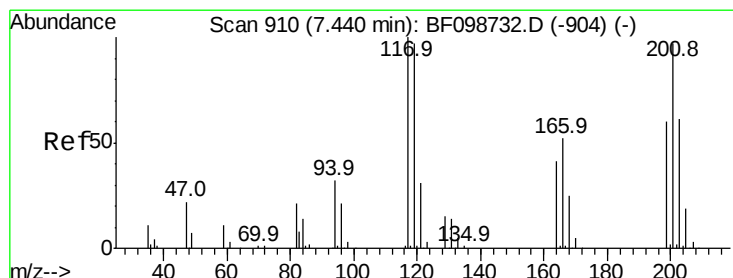
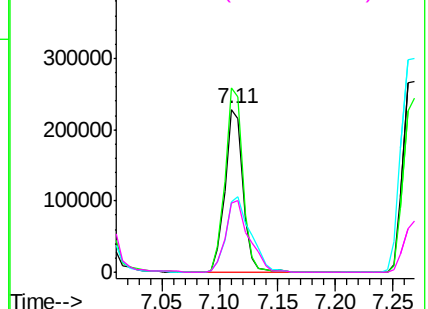
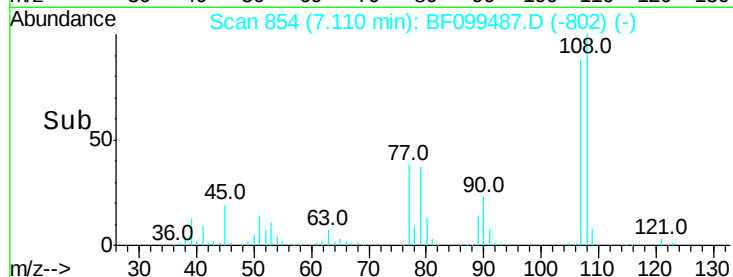


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.467 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

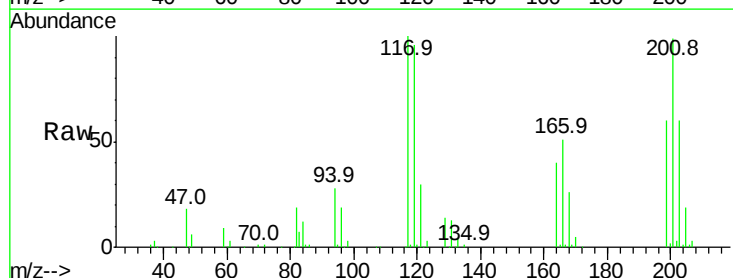
Tgt Ion:117 Resp: 113398

Ion Ratio Lower Upper

117 100

119 96.0 75.8 113.8

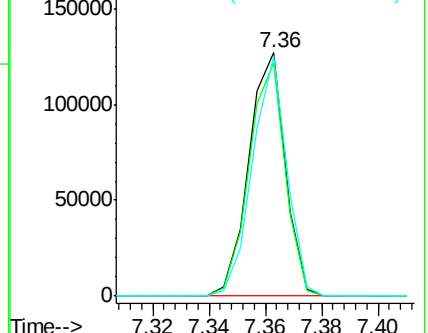
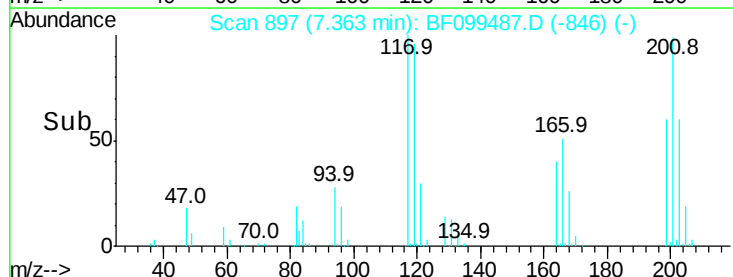
201 98.5 75.7 113.5

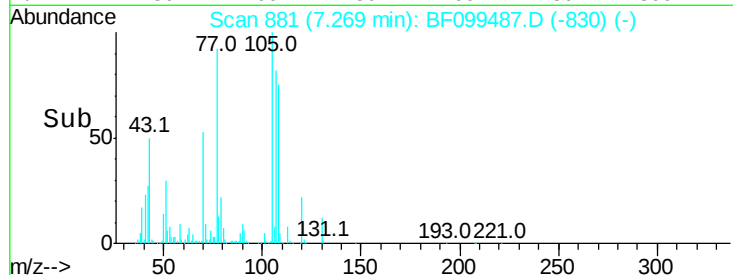
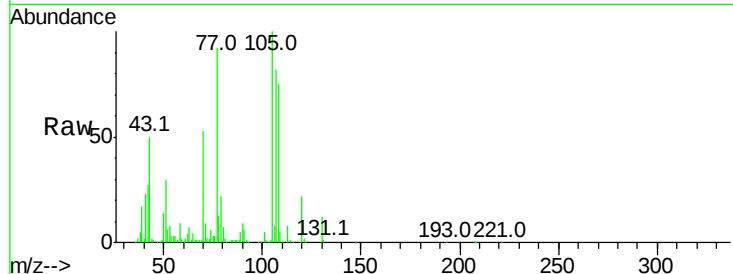


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

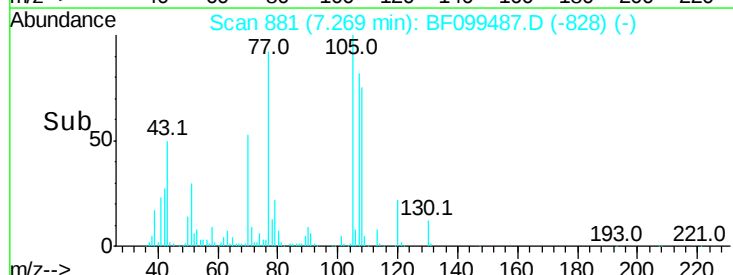
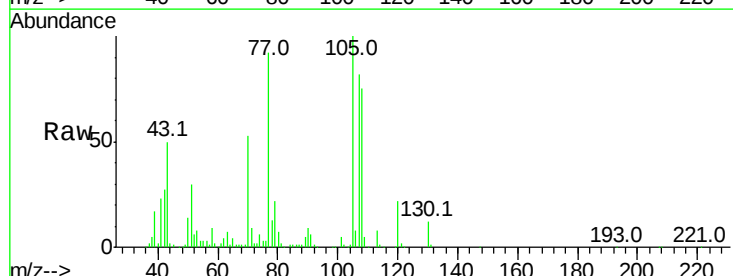
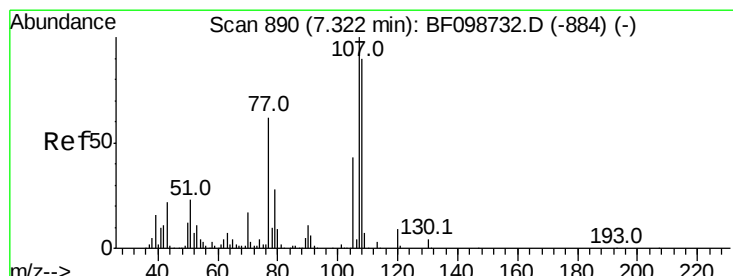
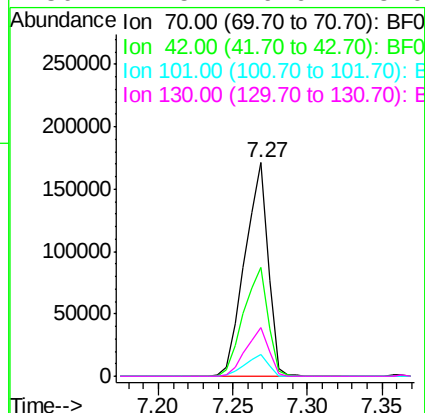




#19
n-Nitroso-di-n-propylamine
Concen: 40.062 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

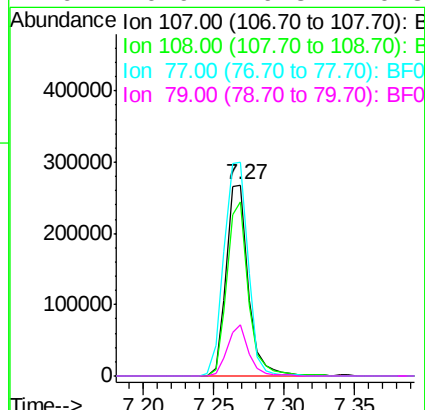
Instrument :
BNA_F
ClientSampleId :

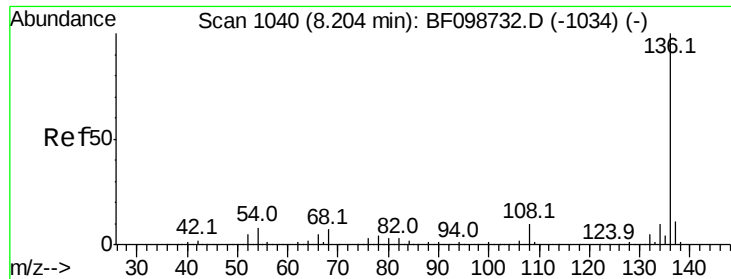
Tot Ion:	70	Resp:	185522
Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	9.9	7.4	11.2
130	22.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.605 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion:	107	Resp:	293644
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	111.6	26.7	66.7#
79	26.9	6.3	46.3

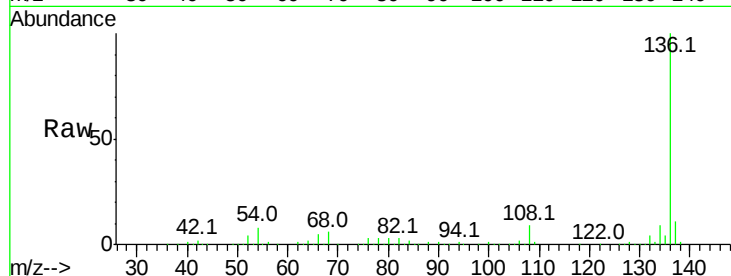




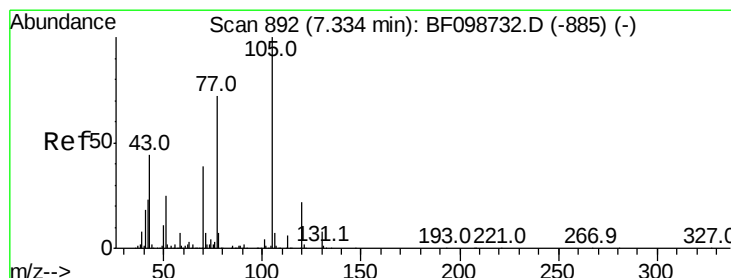
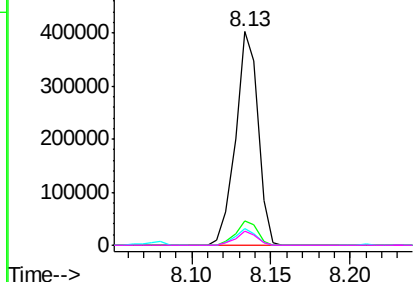
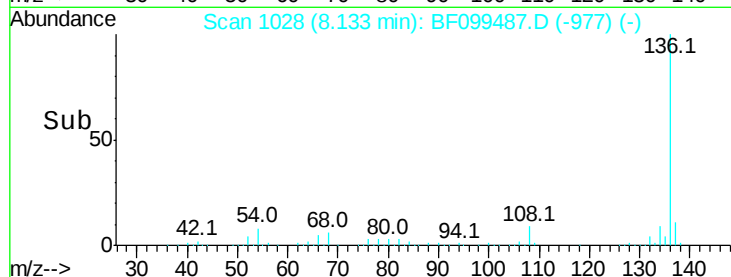
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	393362
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 7.6	6.6	9.8
68 6.3	5.0	7.4

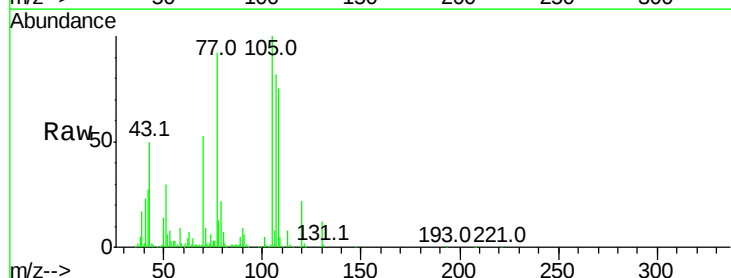


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

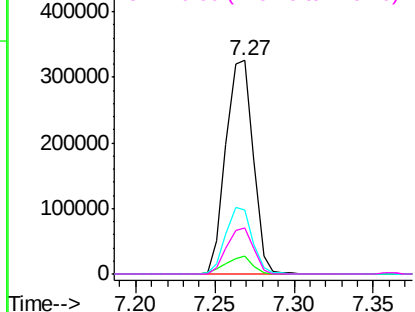
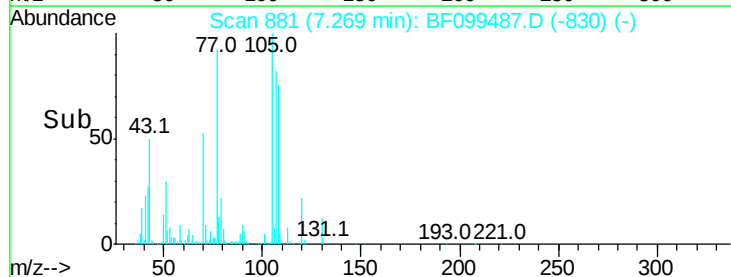


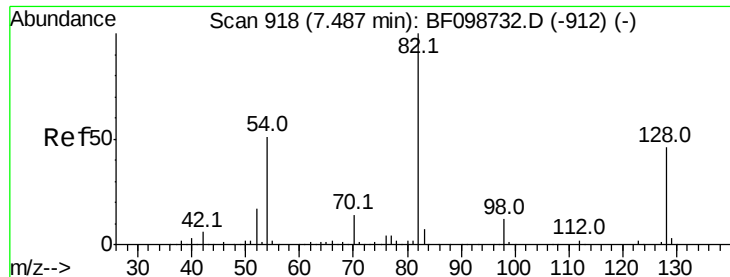
#22
Acetophenone
Concen: 41.030 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt	Ion:105	Resp:	391032
Ion	Ratio	Lower	Upper
105	100		
71	8.7	4.4	6.6#
51	29.9	22.3	33.5
120	21.8	16.9	25.3



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

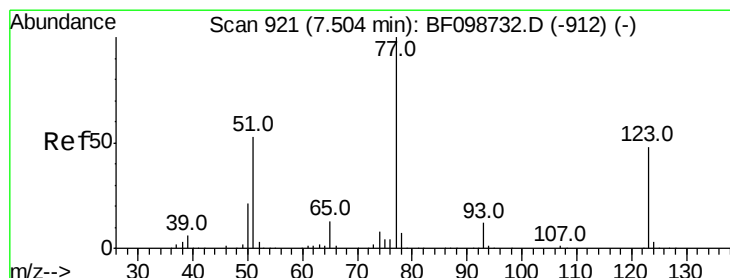
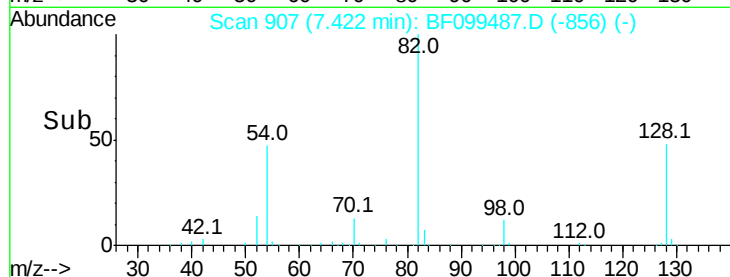
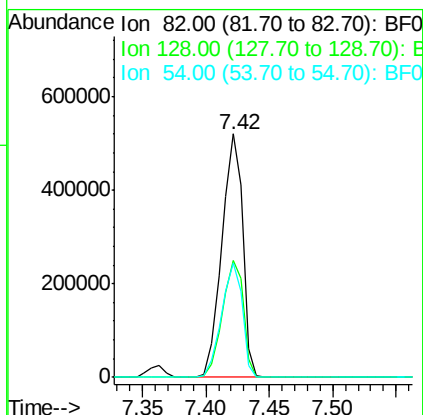
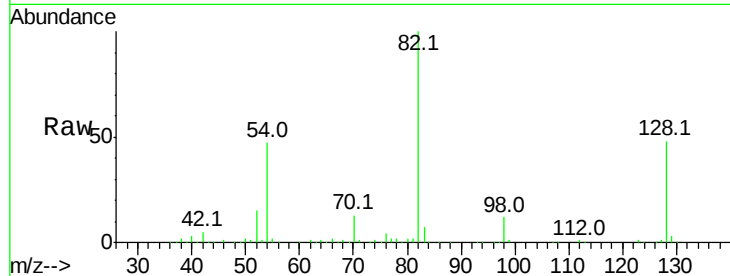




#23
Nitrobenzene-d5
Concen: 96.903 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

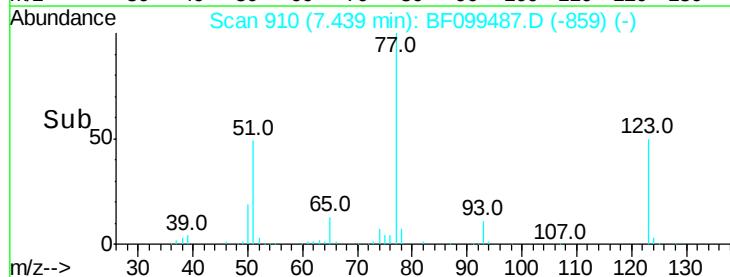
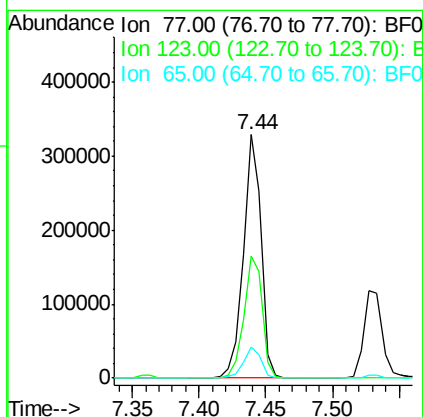
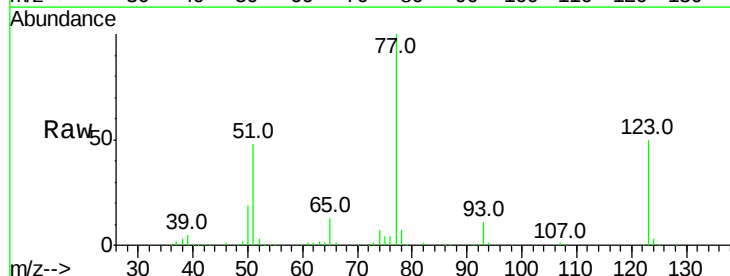
Instrument :
BNA_F
ClientSampleId :

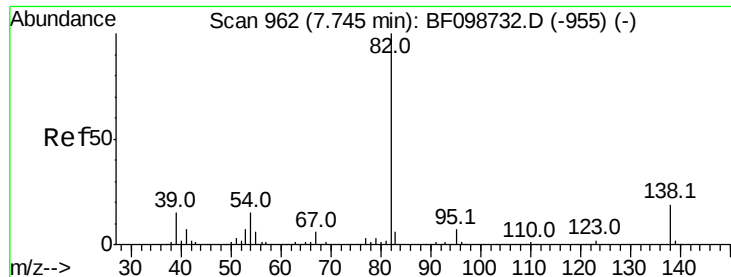
Tot Ion: 82 Resp: 594385
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 47.2 41.4 62.2



#24
Nitrobenzene
Concen: 43.223 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion: 77 Resp: 300749
Ion Ratio Lower Upper
77 100
123 49.9 37.9 56.9
65 12.5 11.0 16.4





#25

Isophorone

Concen: 43.722 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

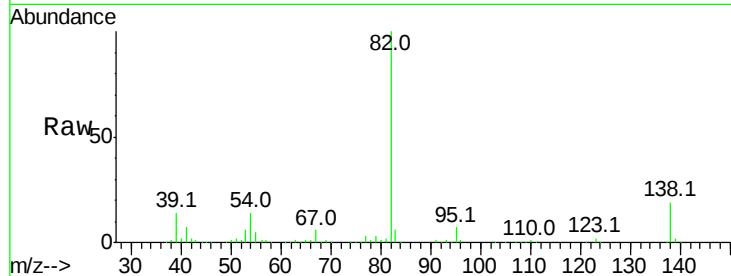
Tot Ion: 82 Resp: 554463

Ion Ratio Lower Upper

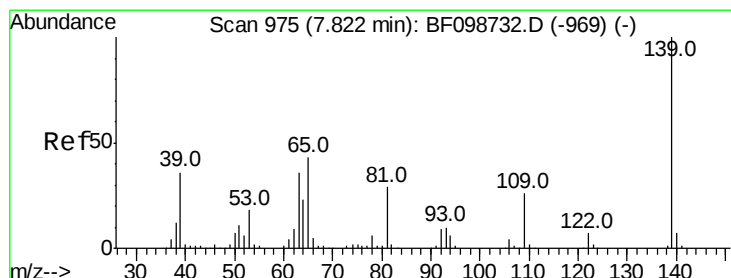
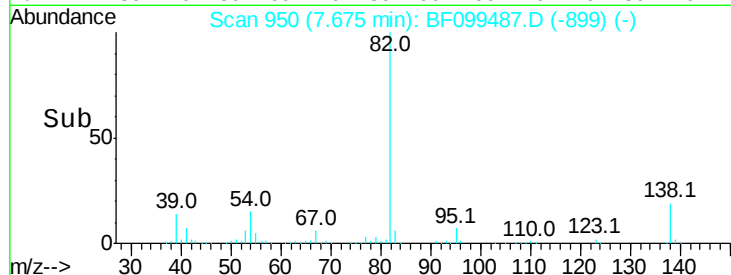
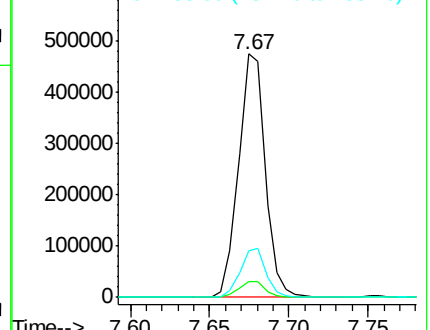
82 100

95 6.7 5.2 7.8

138 19.1 14.9 22.3



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



#26

2-Nitrophenol

Concen: 50.282 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

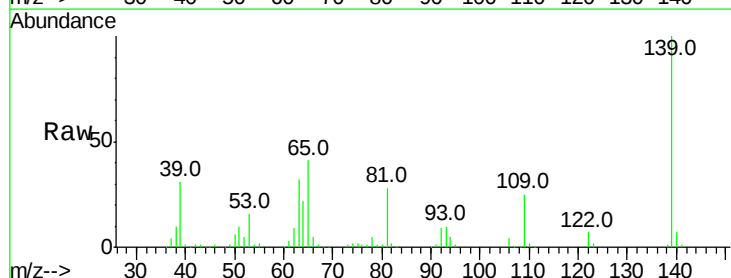
Tgt Ion:139 Resp: 168241

Ion Ratio Lower Upper

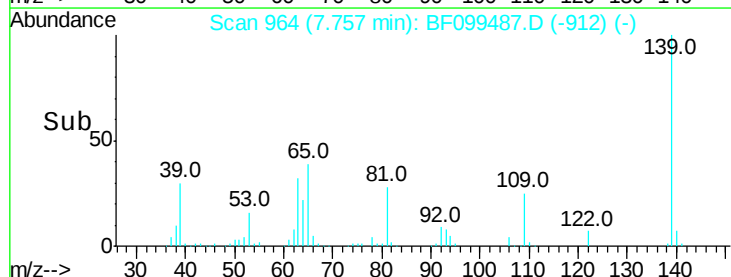
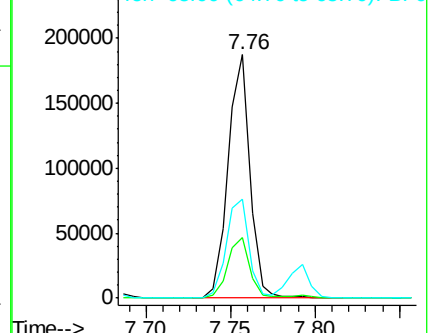
139 100

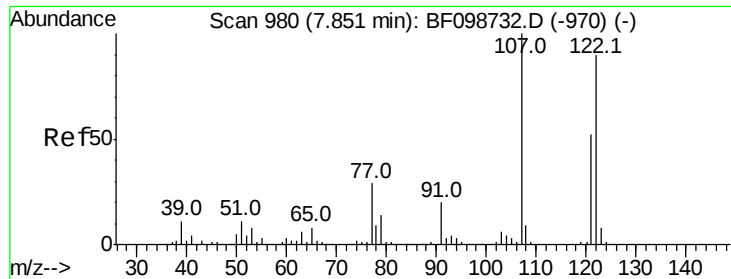
109 24.9 22.7 34.1

65 40.7 40.5 60.7



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

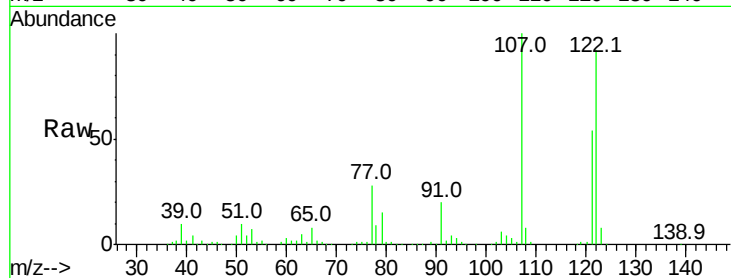




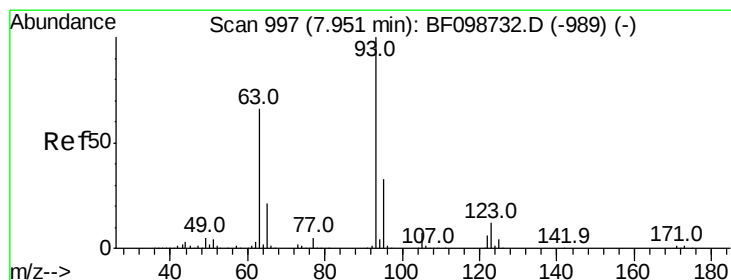
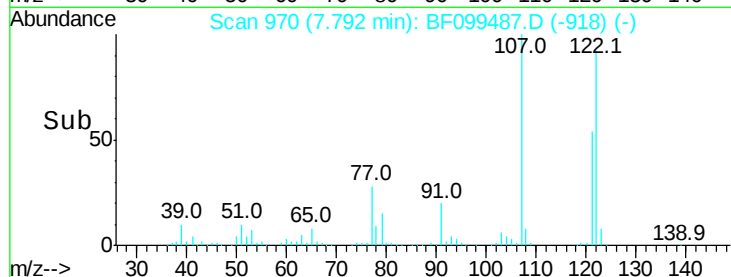
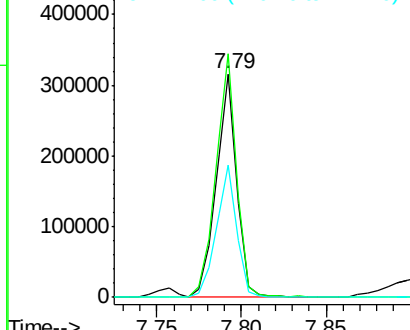
#27
 2,4-Dimethylphenol
 Concen: 42.629 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 269368
 Ion Ratio Lower Upper
 122 100
 107 108.9 91.2 136.8
 121 59.2 47.2 70.8

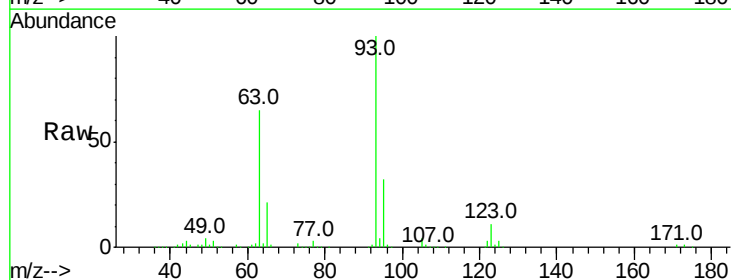


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

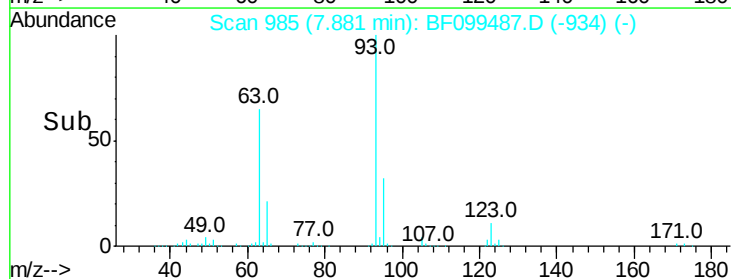
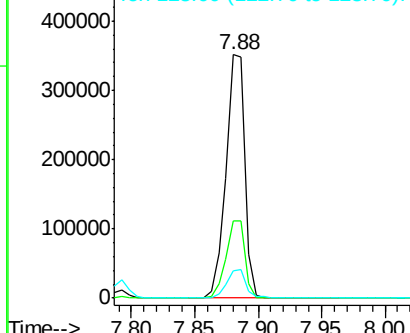


#28
 bis(2-Chloroethoxy)methane
 Concen: 45.699 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion: 93 Resp: 361164
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.3 39.5
 123 11.3 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

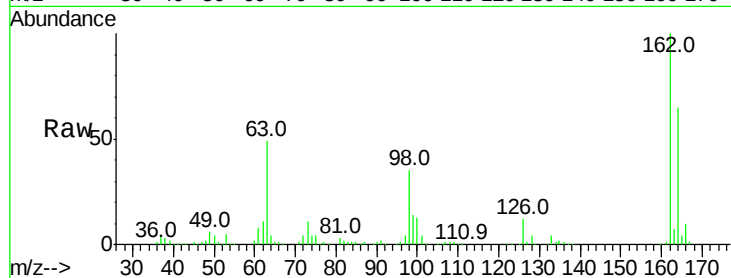




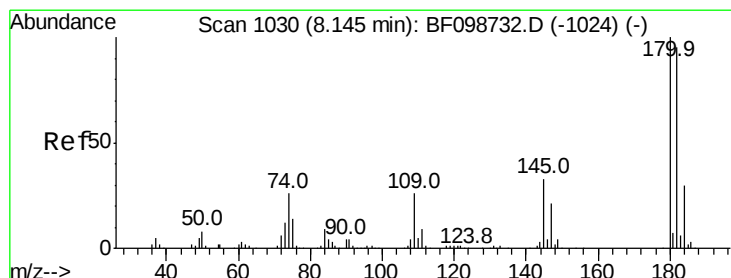
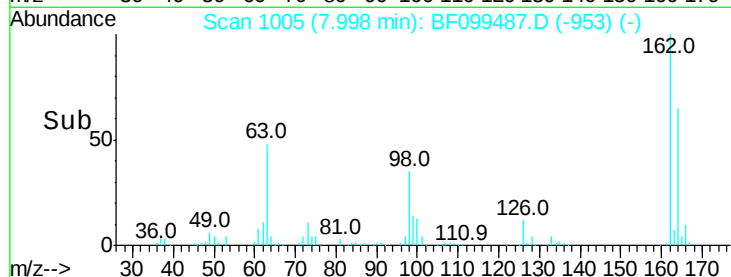
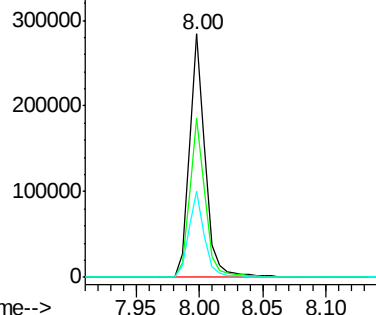
#29
 2,4-Dichlorophenol
 Concen: 46.256 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	35.2	18.1	58.1

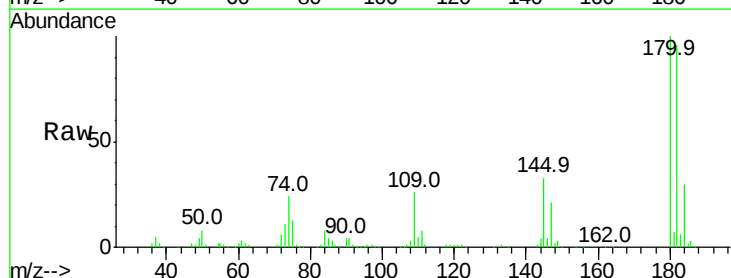


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

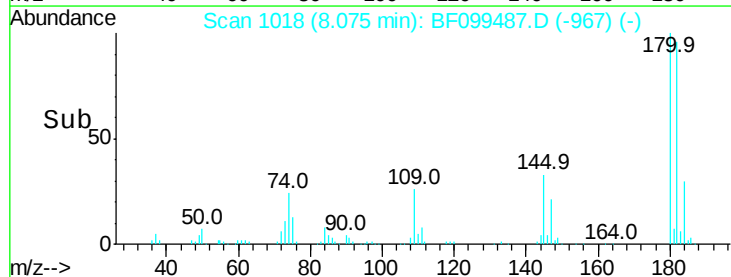
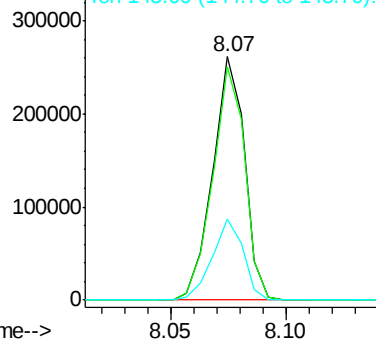


#30
 1,2,4-Trichlorobenzene
 Concen: 46.559 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	33.1	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: 46.225 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

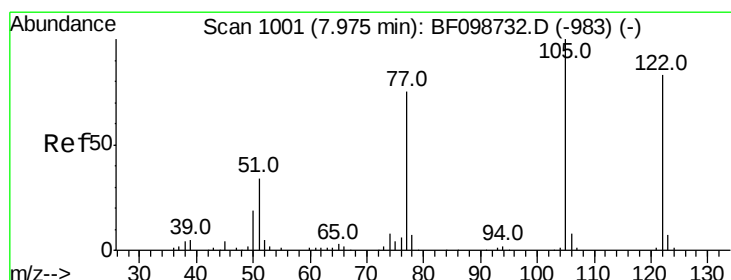
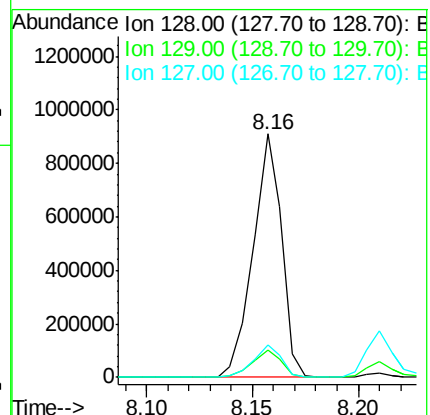
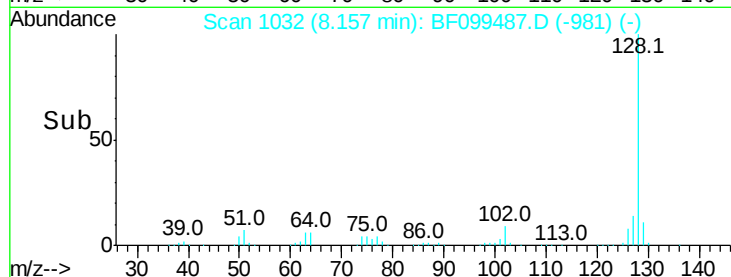
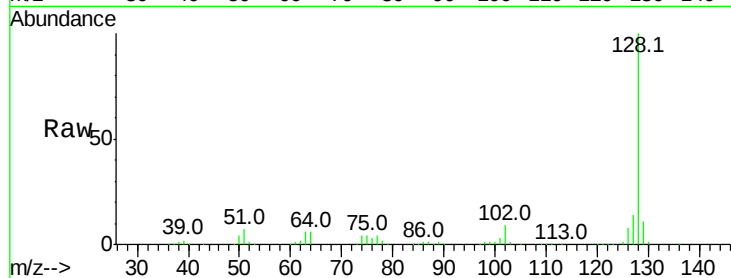
Tot Ion:128 Resp: 853990

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 10.004 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

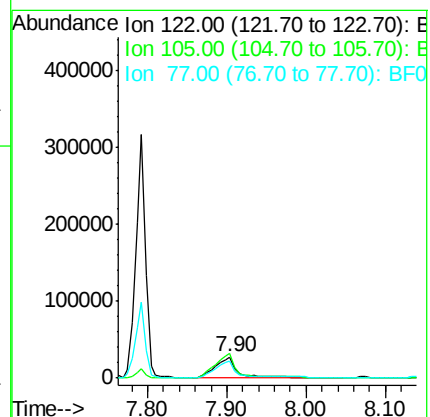
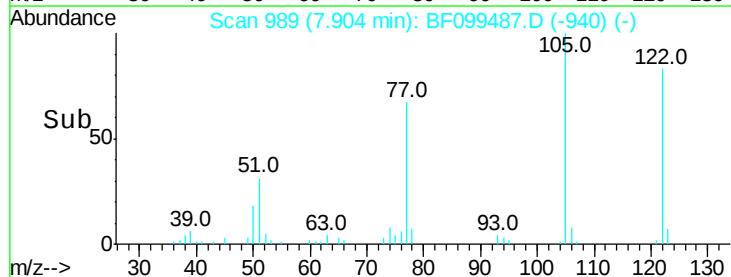
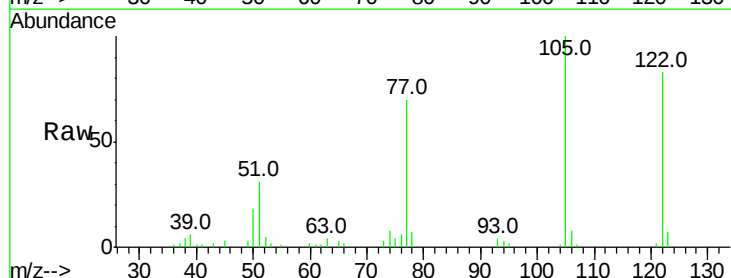
Tgt Ion:122 Resp: 51924

Ion Ratio Lower Upper

122 100

105 120.4 101.1 141.1

77 83.9 70.7 110.7

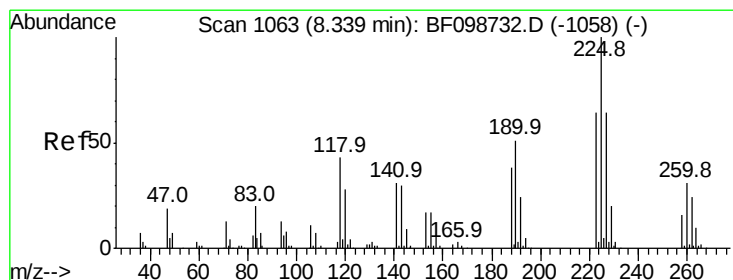
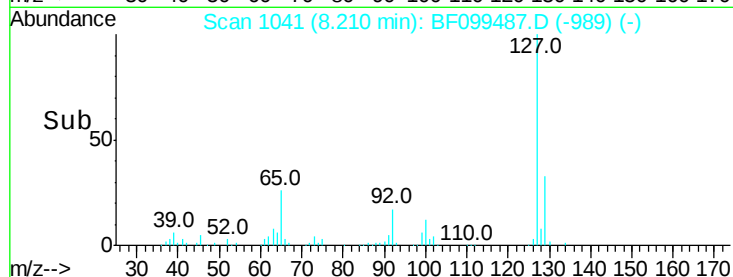
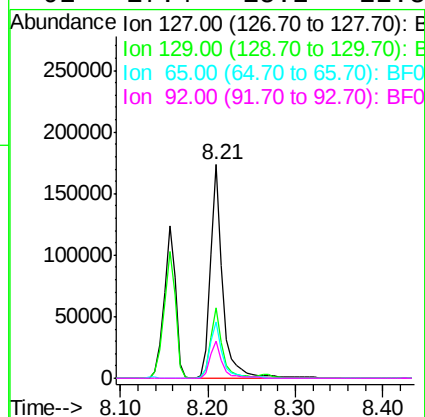
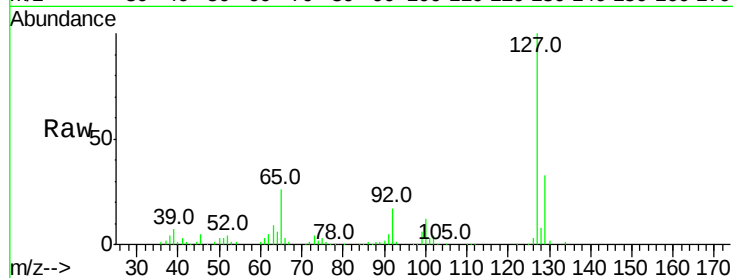




#33
4-Chloroaniline
Concen: 21.965 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

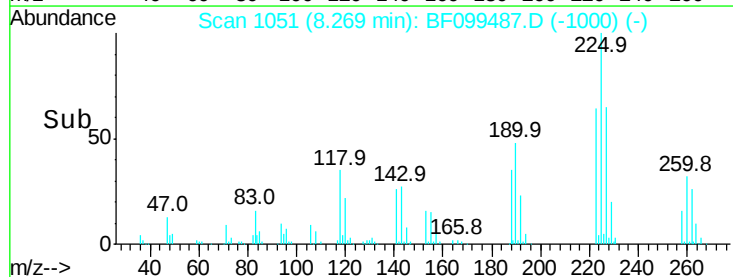
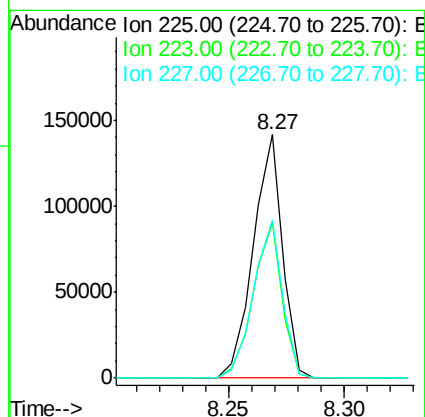
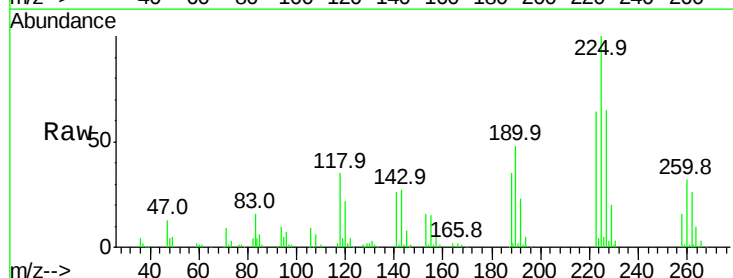
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	169457
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	26.4	25.0	37.4
92	17.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 44.950 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion:	225	Resp:	125627
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 28.906 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampled :

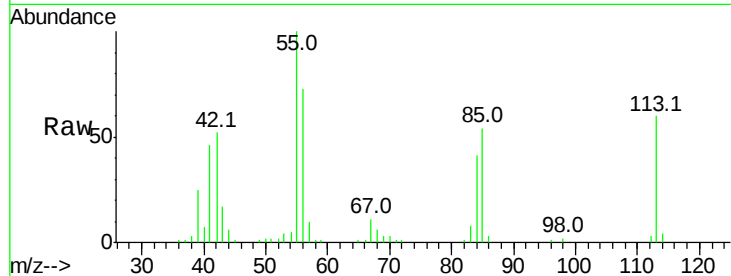
Tot Ion:113 Resp: 50305

Ion Ratio Lower Upper

113 100

55 167.9 163.3 203.3

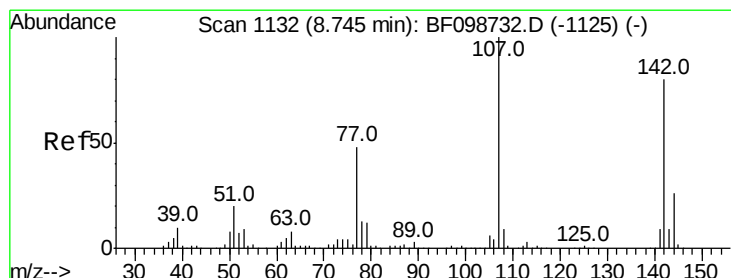
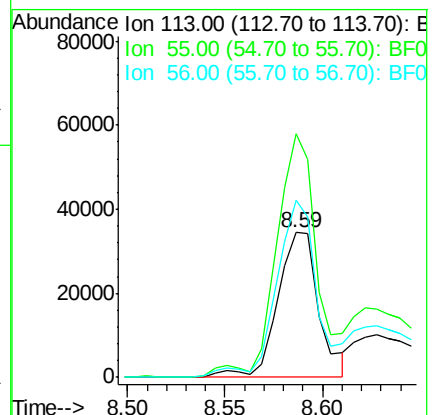
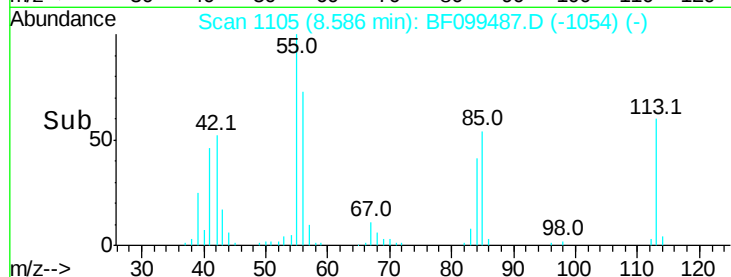
56 122.4 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.457 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

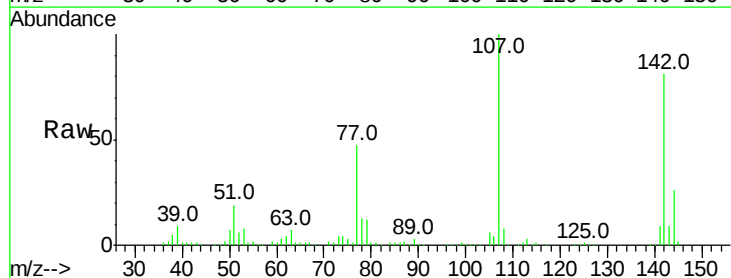
Tgt Ion:107 Resp: 264999

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

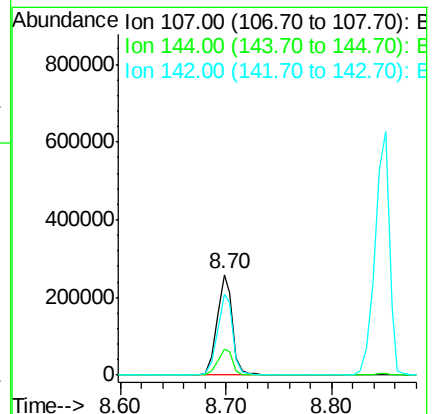
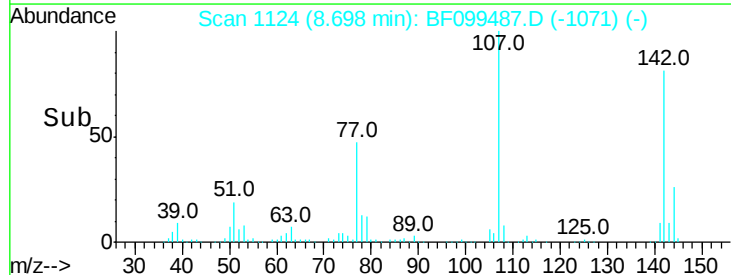
142 80.8 62.0 93.0

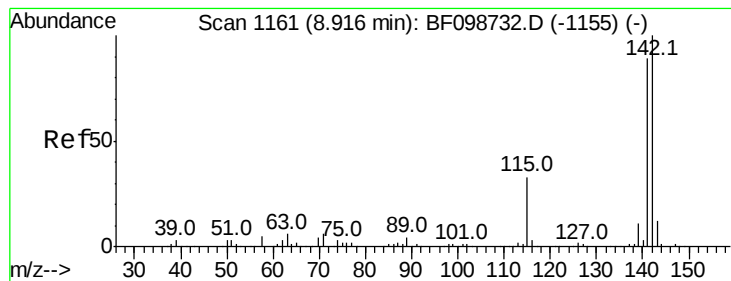


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.061 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

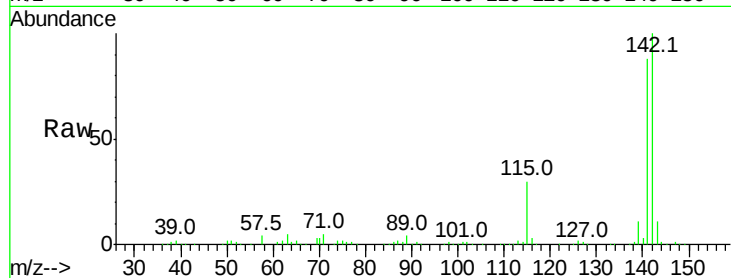
Tot Ion:142 Resp: 589228

Ion Ratio Lower Upper

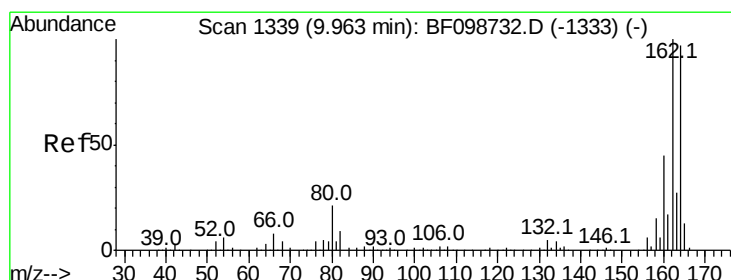
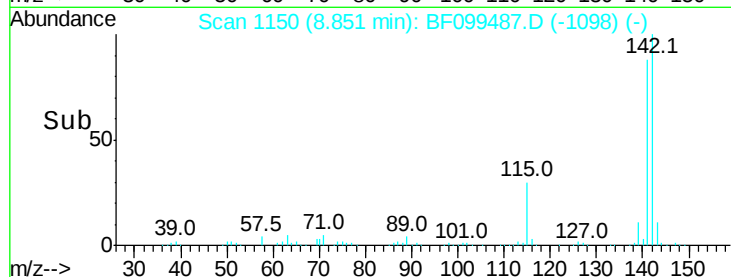
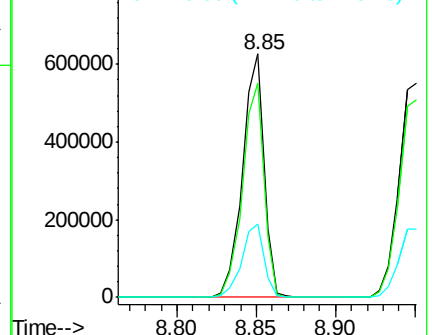
142 100

141 88.1 70.8 106.2

115 30.0 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

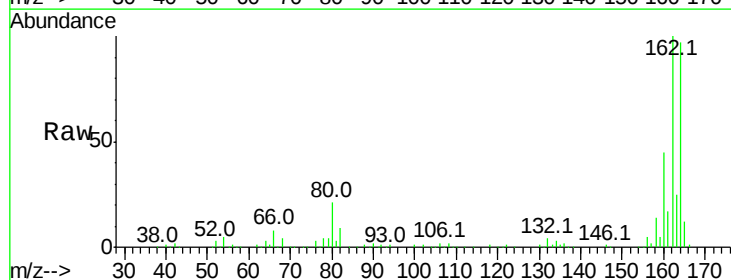
Tgt Ion:164 Resp: 178776

Ion Ratio Lower Upper

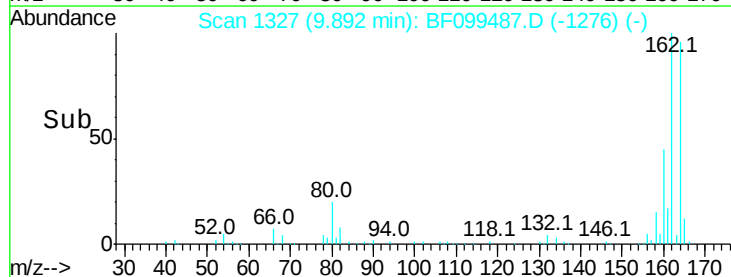
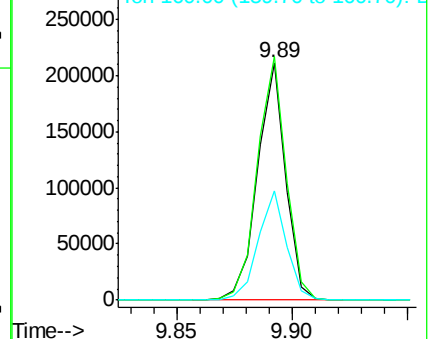
164 100

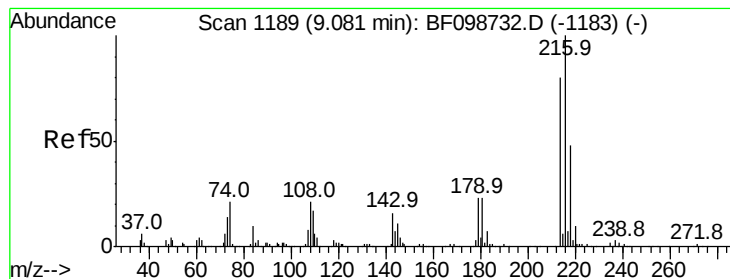
162 102.6 86.1 129.1

160 46.0 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.135 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 235312

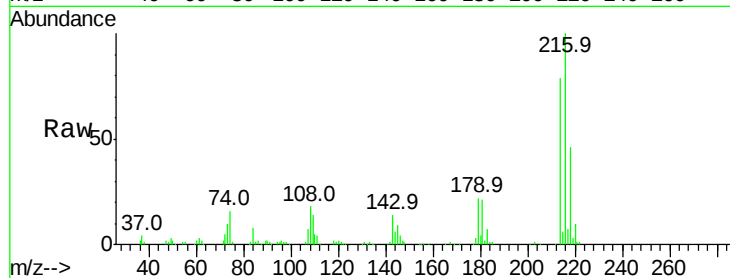
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 22.2 18.1 27.1

108 20.5 17.2 25.8

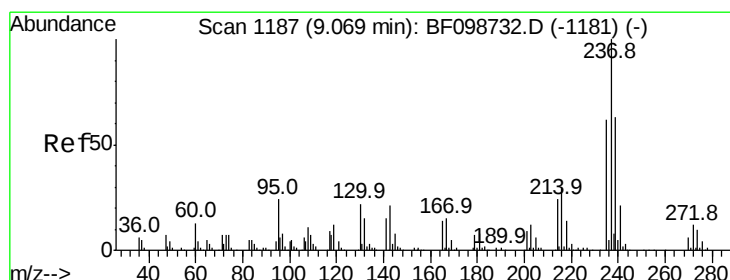
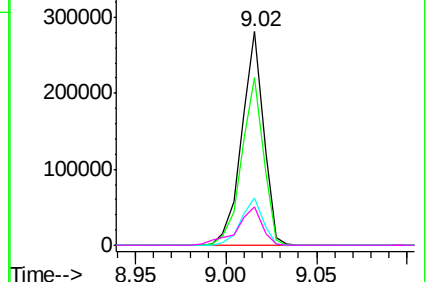
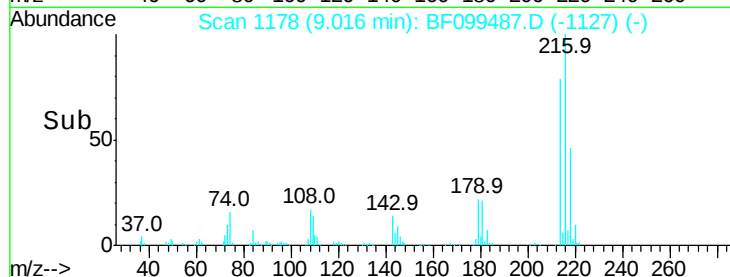


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.237 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

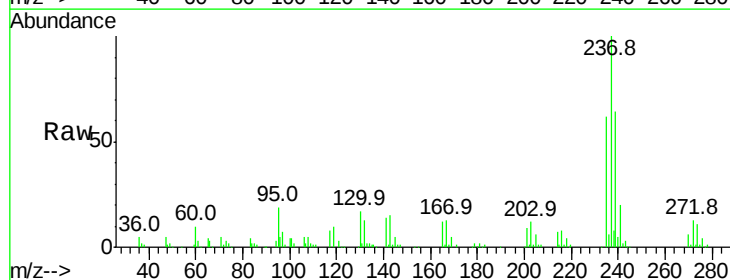
Tgt Ion:237 Resp: 151643

Ion Ratio Lower Upper

237 100

235 62.4 44.8 84.8

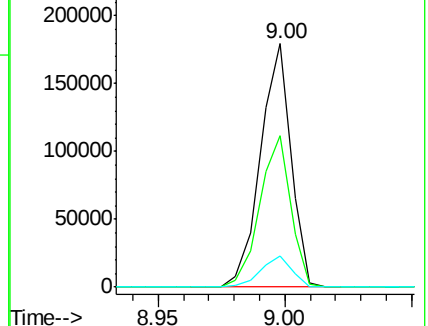
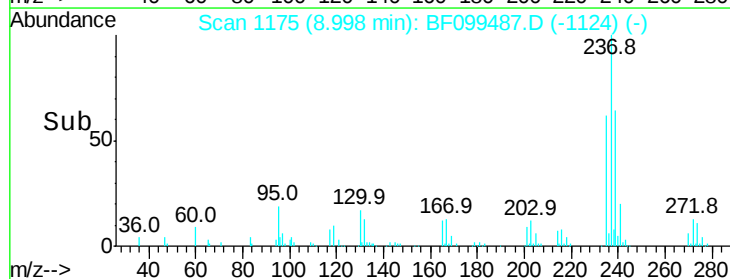
272 12.8 0.0 33.3

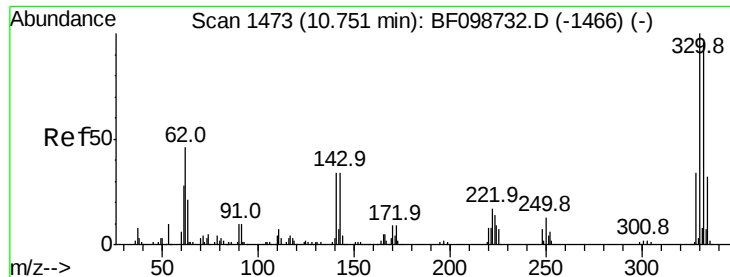


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

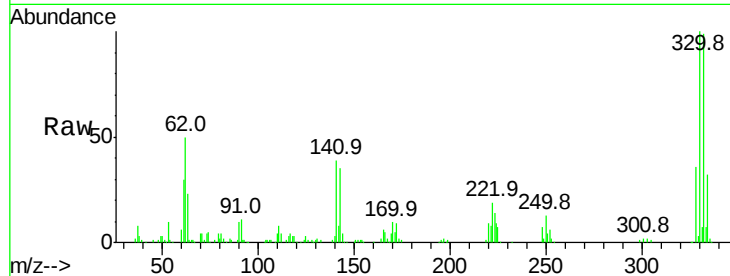




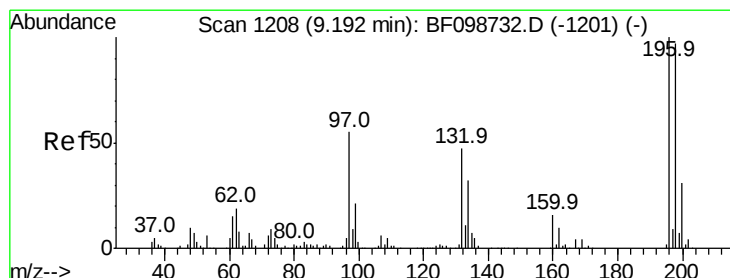
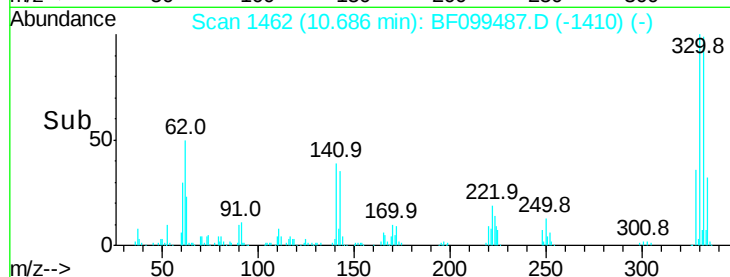
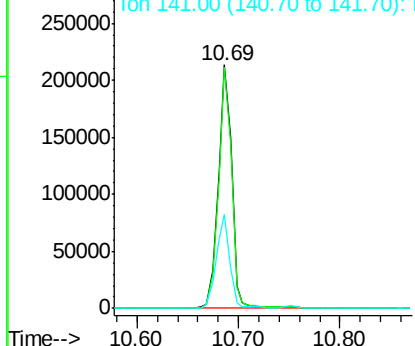
#41
 2,4,6-Tribromophenol
 Concen: 135.905 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:330 Resp: 198812
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 38.4 29.9 44.9

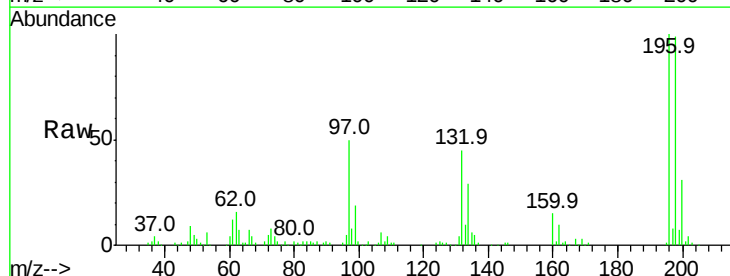


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

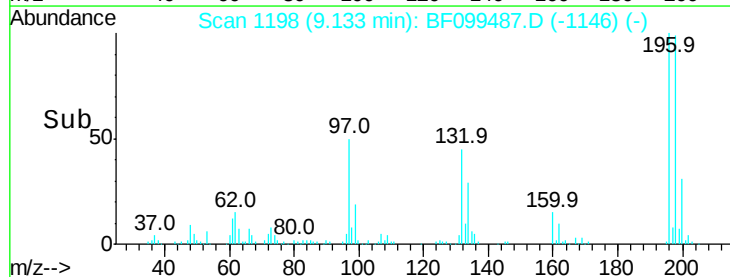
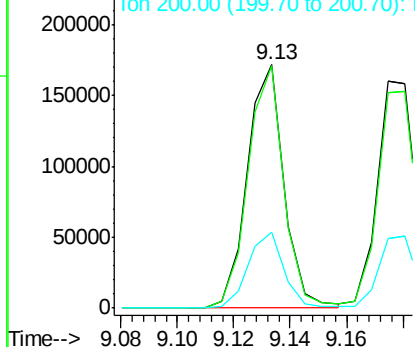


#42
 2,4,6-Trichlorophenol
 Concen: 40.946 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion:196 Resp: 154657
 Ion Ratio Lower Upper
 196 100
 198 99.4 75.7 113.5
 200 31.4 24.5 36.7



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

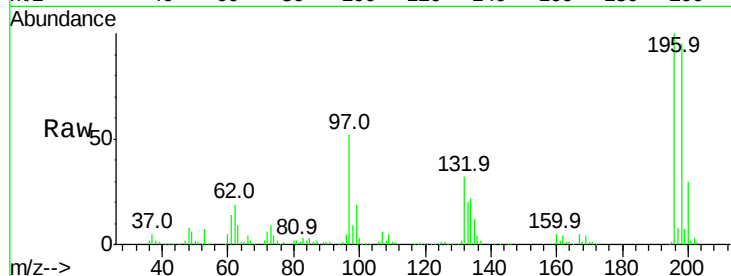




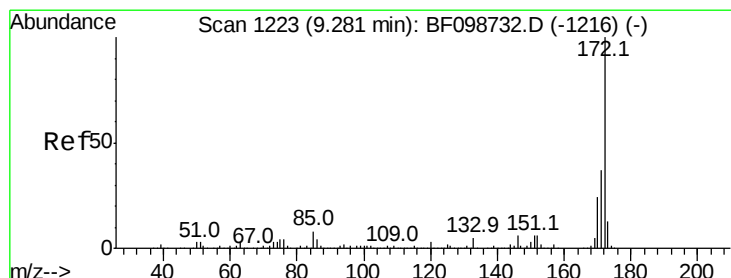
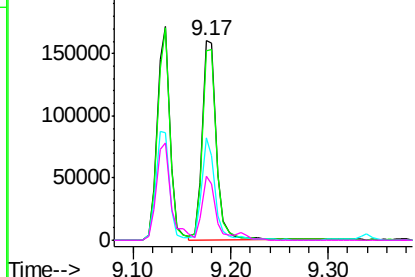
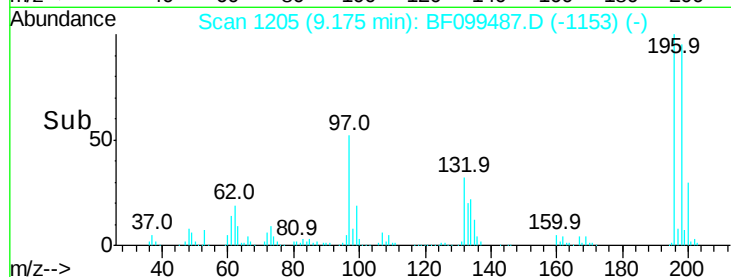
#43
 2,4,5-Trichlorophenol
 Concen: 42.926 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 161853
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 97 51.7 42.9 64.3
 132 32.1 26.3 39.5

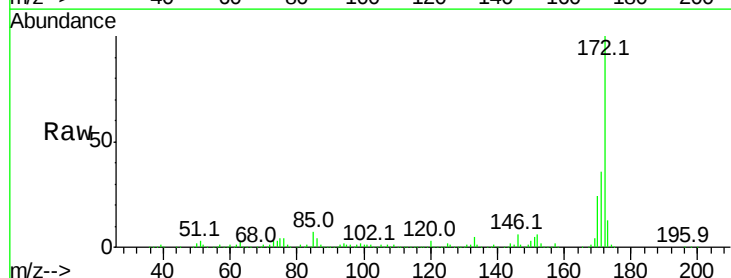


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

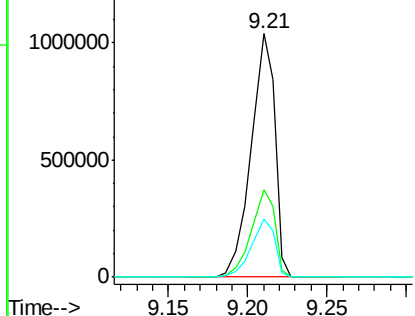
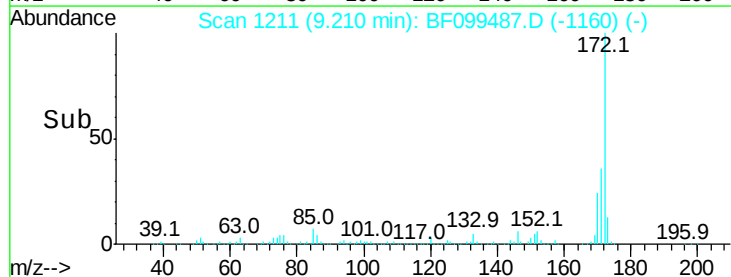


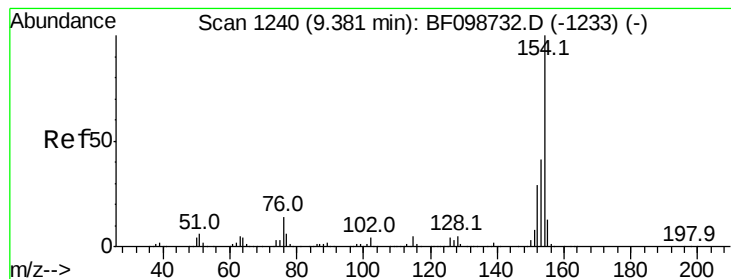
#44
 2-Fluorobiphenyl
 Concen: 101.014 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion:172 Resp: 1081745
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.241 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

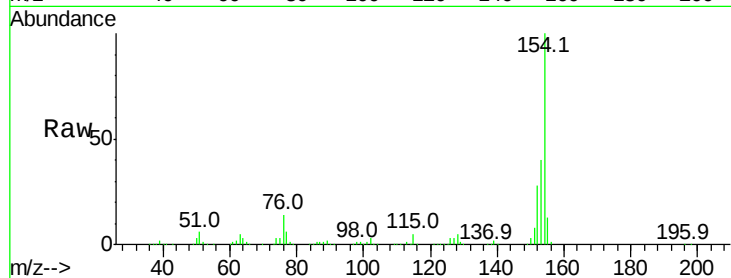
Tot Ion:154 Resp: 679753

Ion Ratio Lower Upper

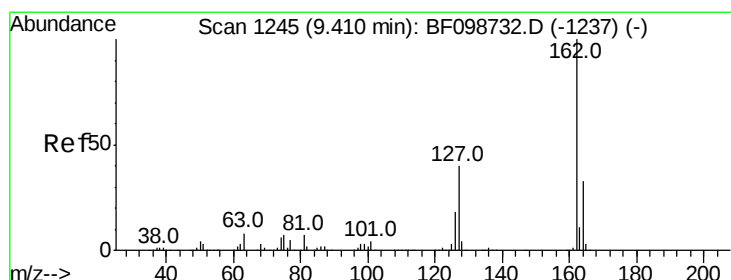
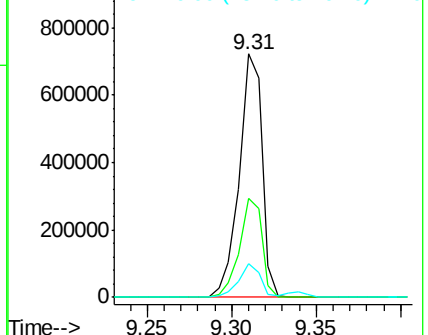
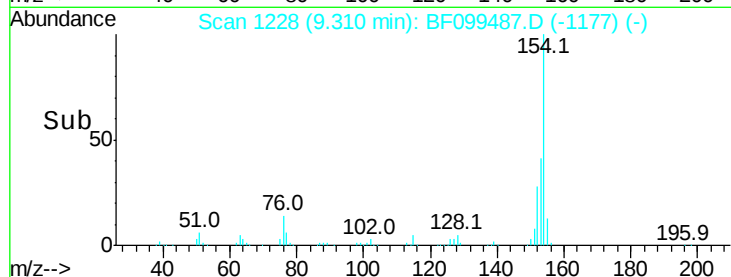
154 100

153 40.5 21.3 61.3

76 13.8 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): E



#46

2-Chloronaphthalene

Concen: 46.307 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

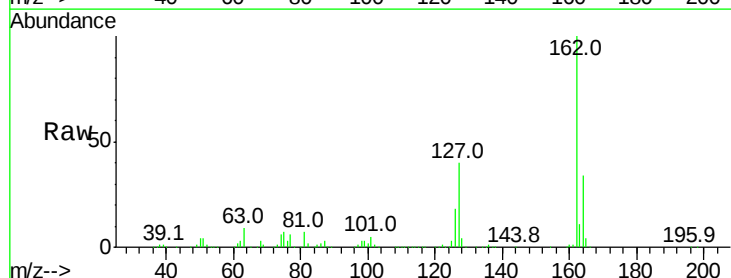
Tgt Ion:162 Resp: 534201

Ion Ratio Lower Upper

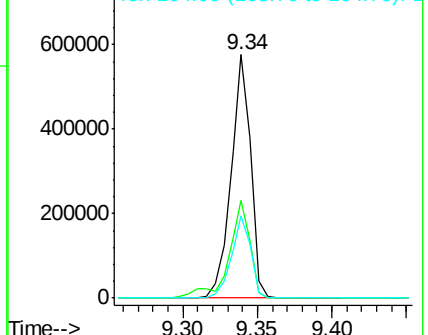
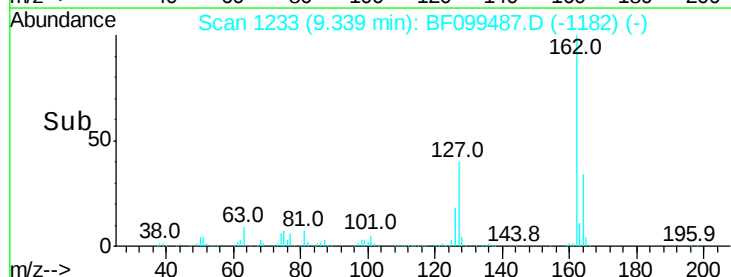
162 100

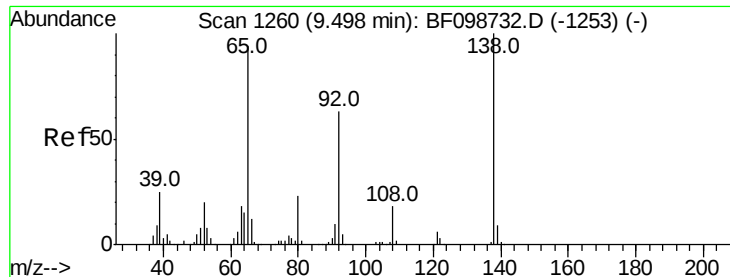
127 40.2 33.9 50.9

164 33.7 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

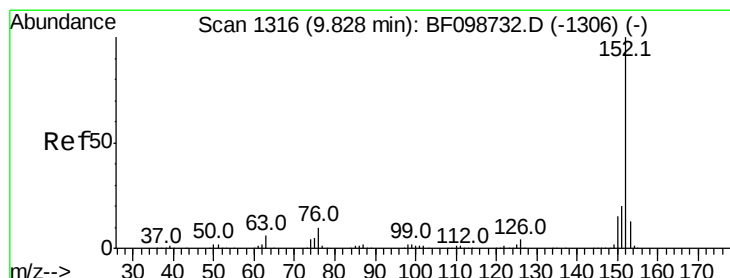
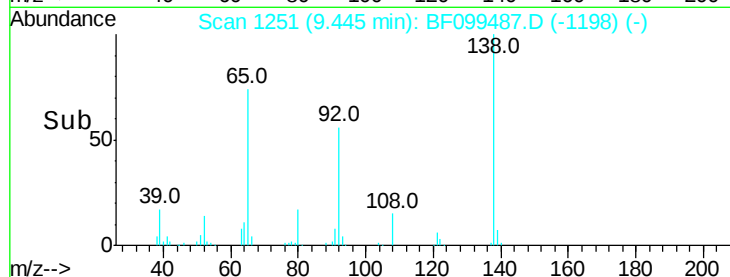
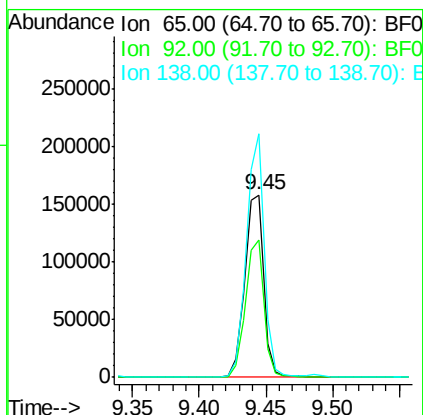
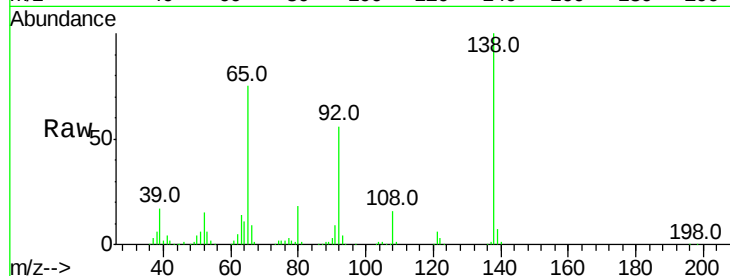




#47
2-Nitroaniline
Concen: 44.083 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

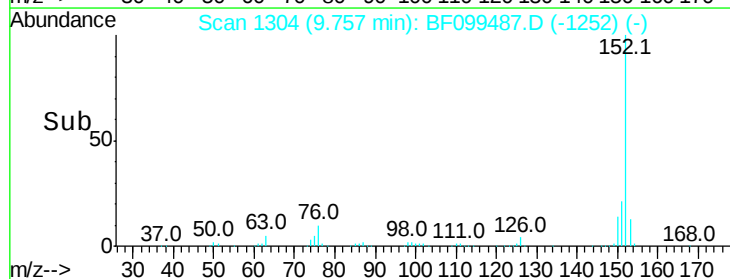
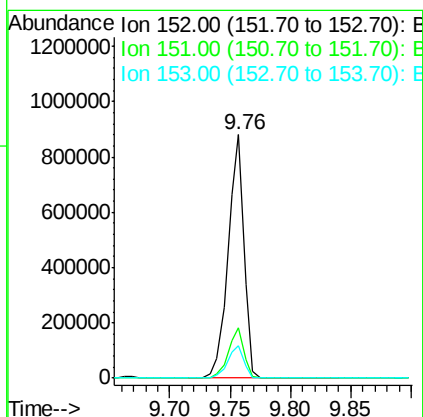
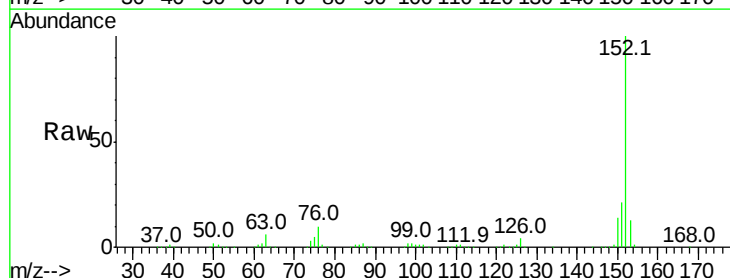
Instrument :
BNA_F
ClientSampled :

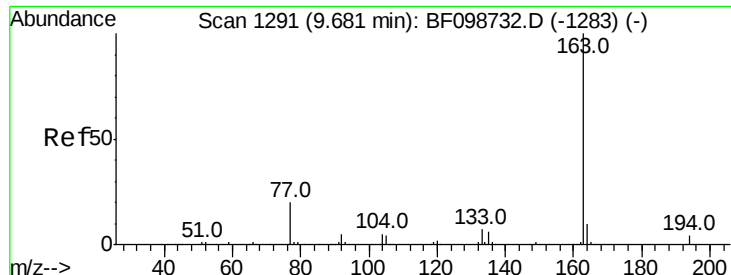
Tot Ion: 65 Resp: 155716
Ion Ratio Lower Upper
65 100
92 75.0 55.8 83.6
138 133.3 91.2 136.8



#48
Acenaphthylene
Concen: 45.068 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion: 152 Resp: 795903
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.1 10.7 16.1

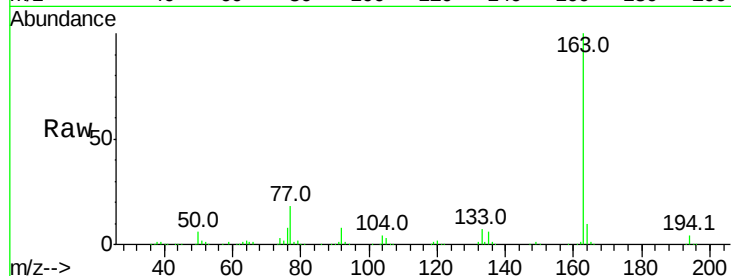




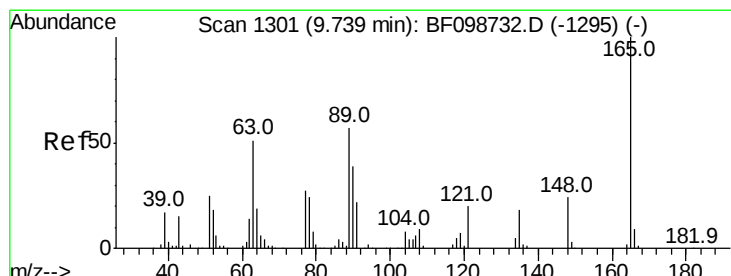
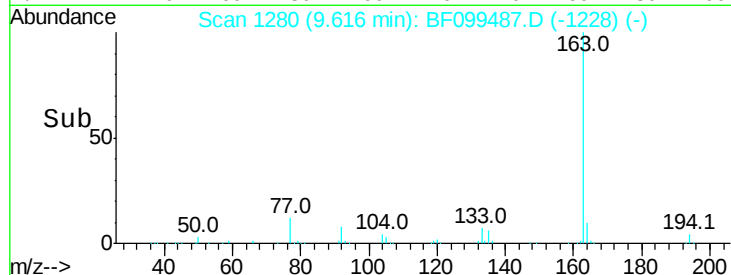
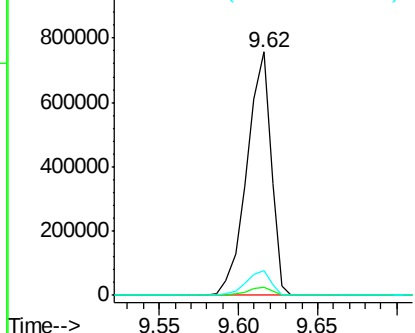
#49
Dimethylphthalate
Concen: 59.246 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 799414
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2

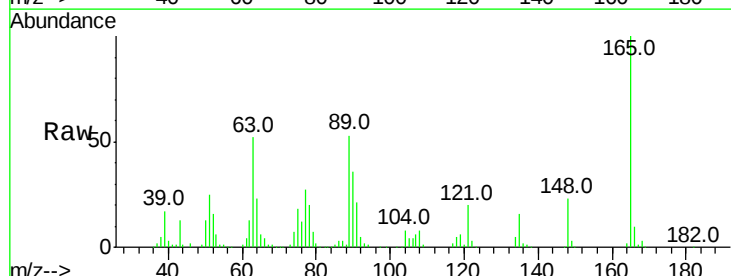


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

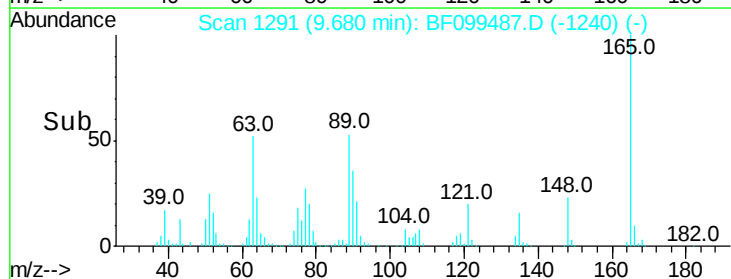
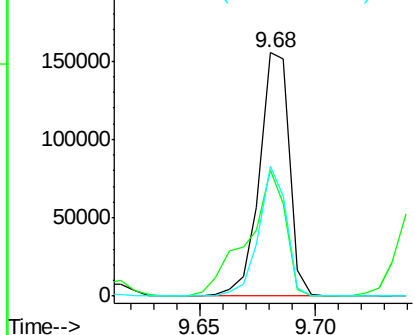


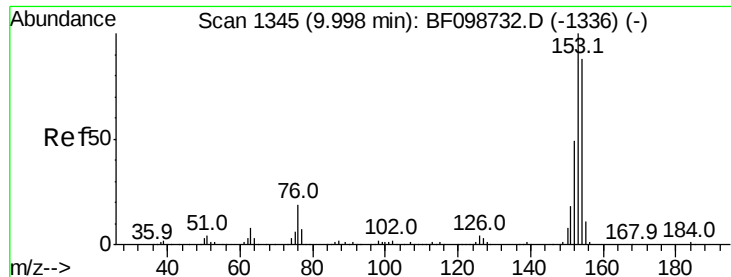
#50
2,6-Dinitrotoluene
Concen: 47.908 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion:165 Resp: 140730
Ion Ratio Lower Upper
165 100
63 51.6 44.7 67.1
89 53.3 44.0 66.0



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





#51

Acenaphthene

Concen: 42.179 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

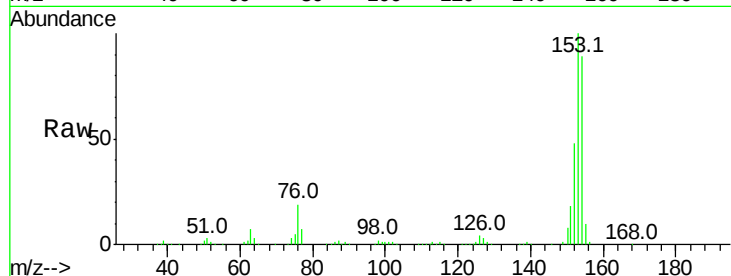
Tot Ion:154 Resp: 471841

Ion Ratio Lower Upper

154 100

153 112.1 91.2 136.8

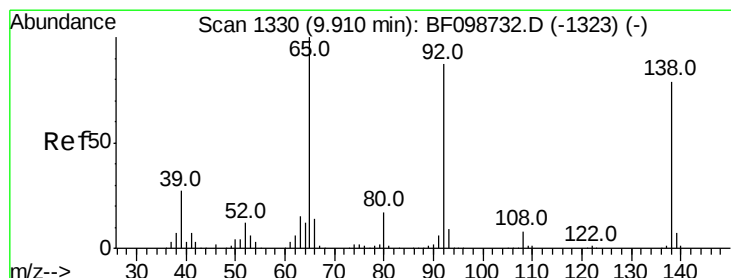
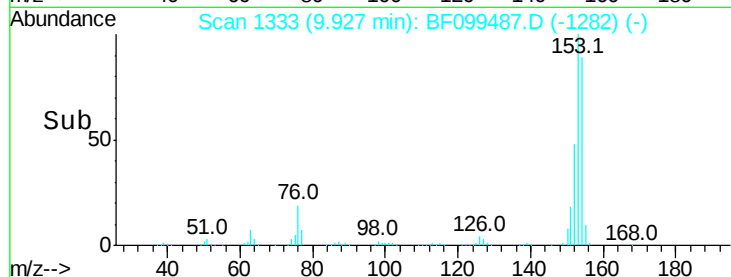
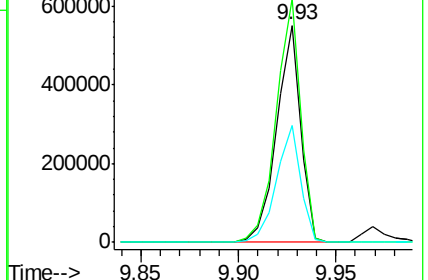
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.805 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

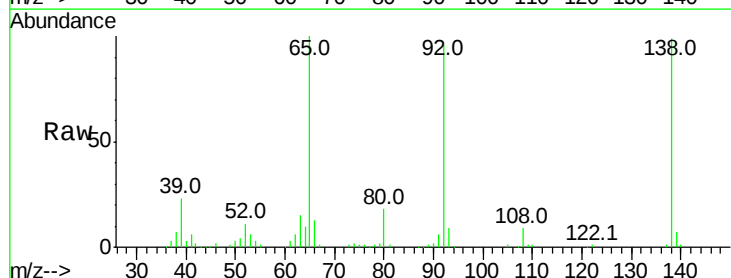
Tgt Ion:138 Resp: 108936

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.0#

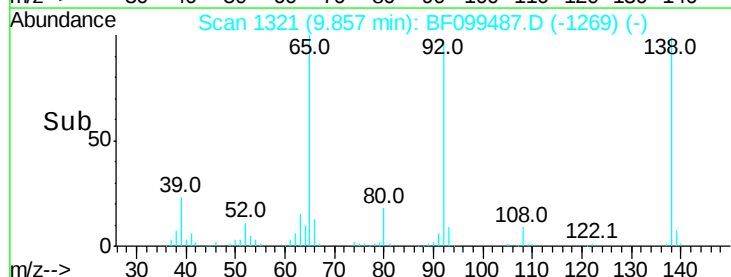
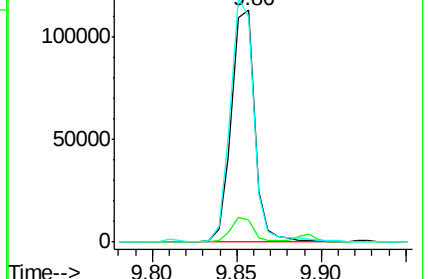
92 97.6 89.4 134.2

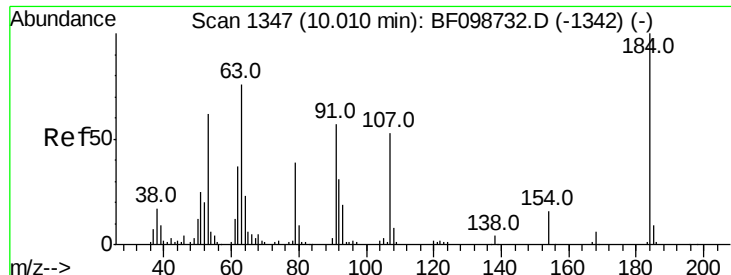


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

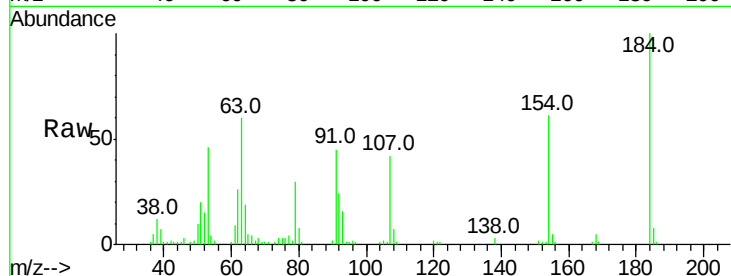




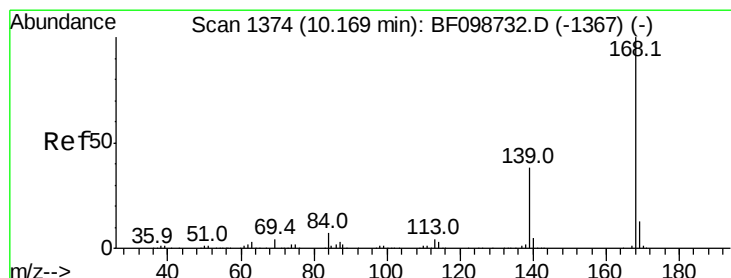
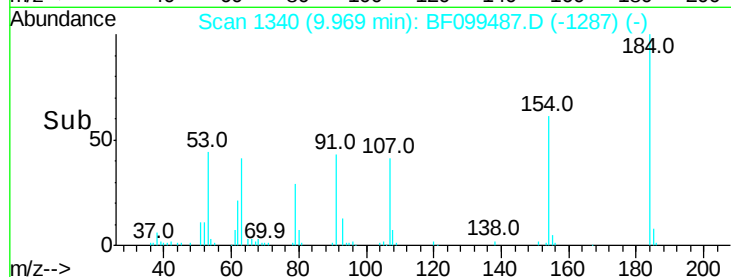
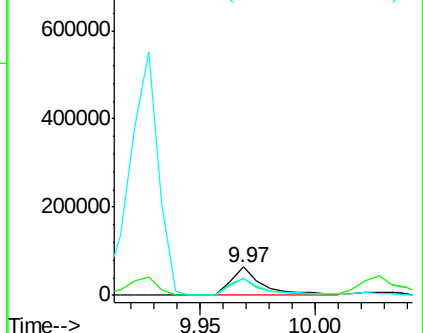
#53
2,4-Dinitrophenol
Concen: 43.820 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 62670
Ion Ratio Lower Upper
184 100
63 59.5 54.2 81.2
154 61.2 53.5 80.3

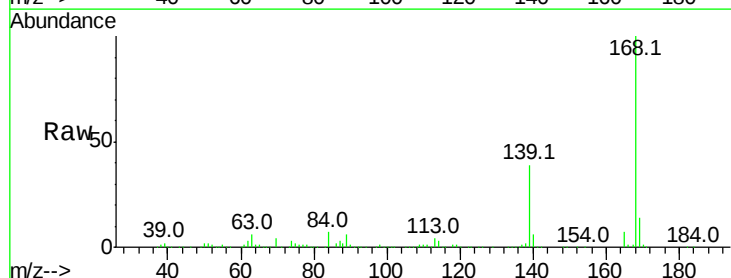


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

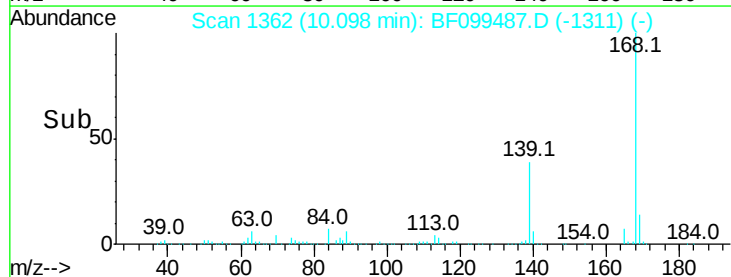
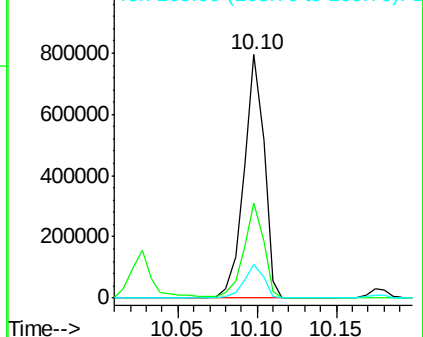


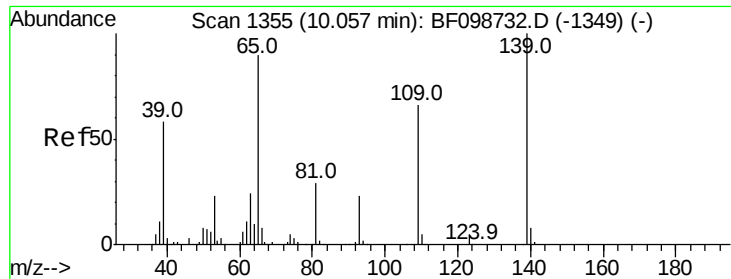
#54
Dibenzofuran
Concen: 46.691 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion:168 Resp: 695442
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.7 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

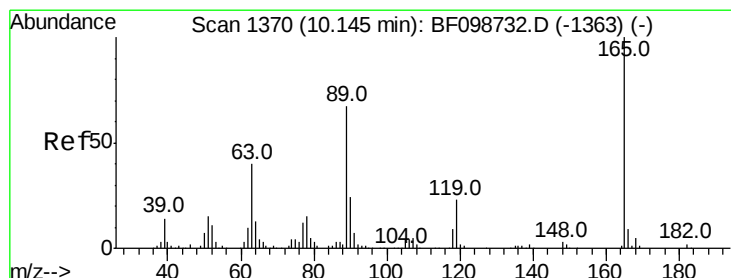
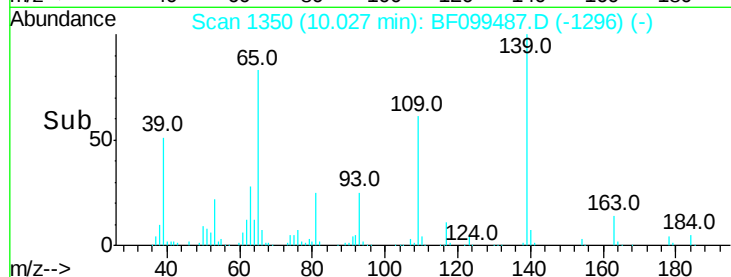
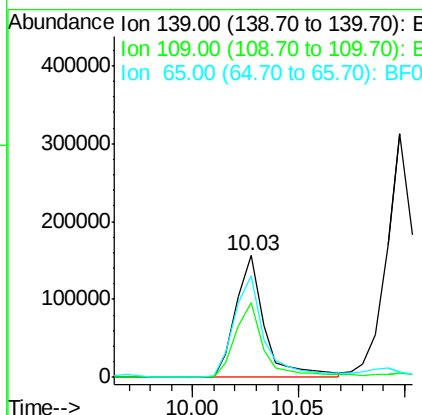
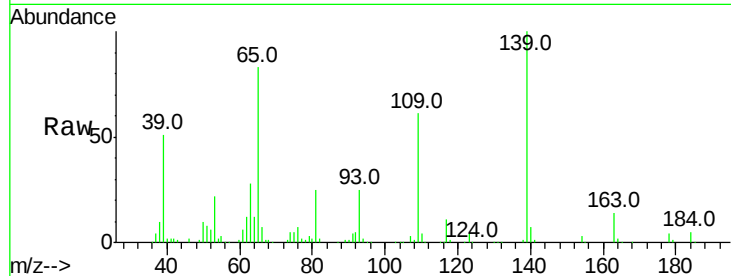




#55
4-Nitrophenol
Concen: 51.522 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

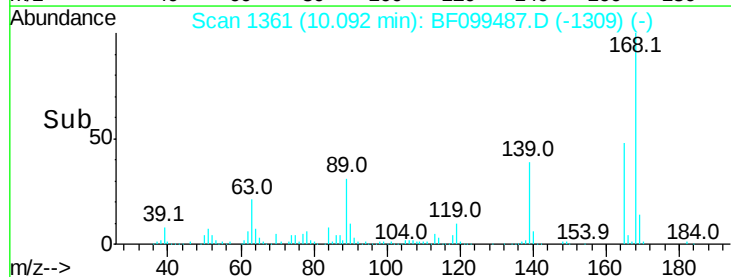
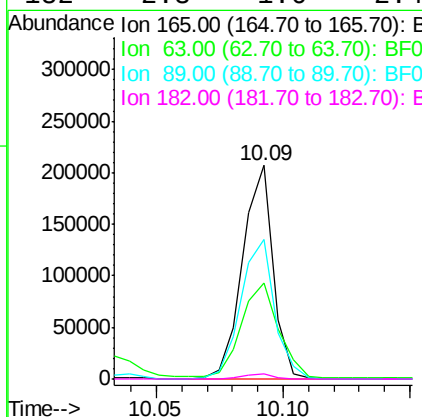
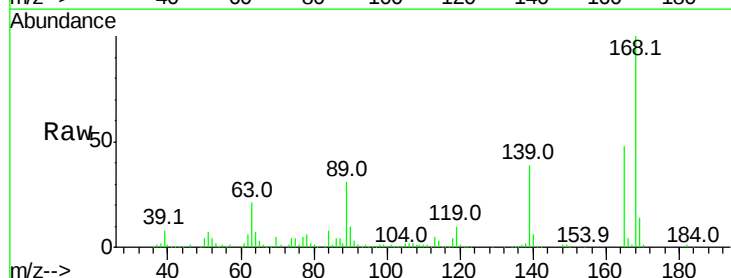
Instrument :
BNA_F
ClientSampled :

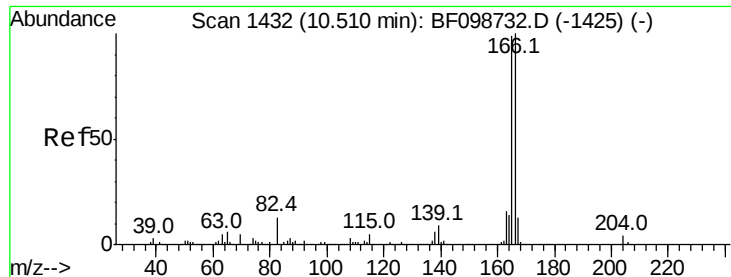
Tot Ion:139 Resp: 149217
Ion Ratio Lower Upper
139 100
109 61.1 48.4 88.4
65 83.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.394 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion:165 Resp: 173059
Ion Ratio Lower Upper
165 100
63 44.8 36.4 54.6
89 65.1 57.8 86.6
182 2.3 1.6 2.4

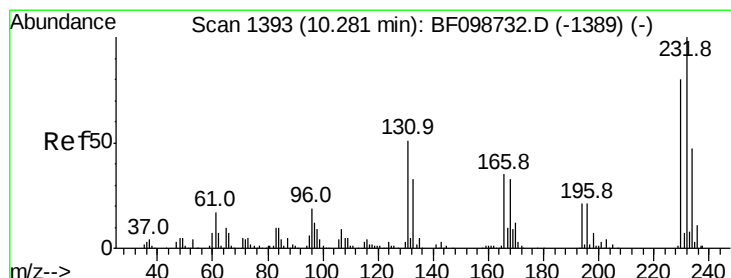
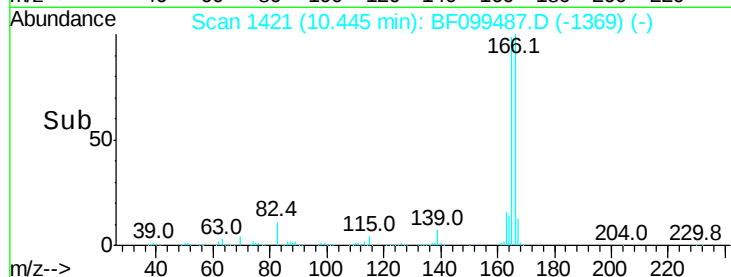
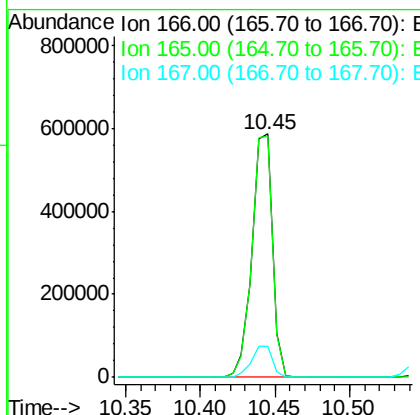
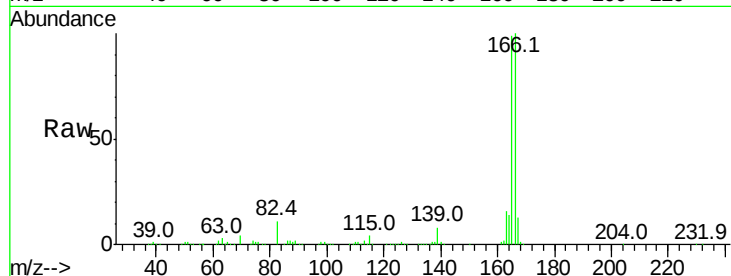




#57
 Fluorene
 Concen: 46.122 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

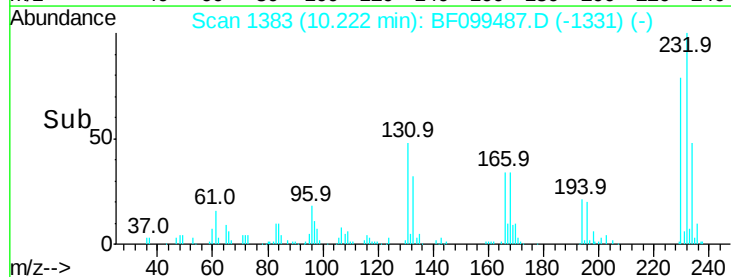
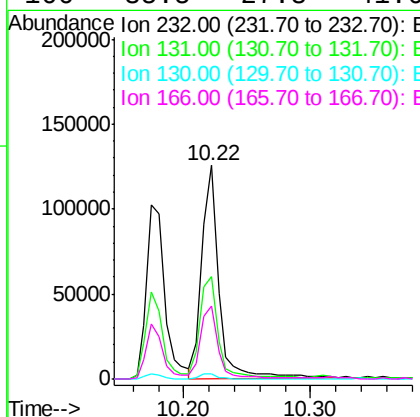
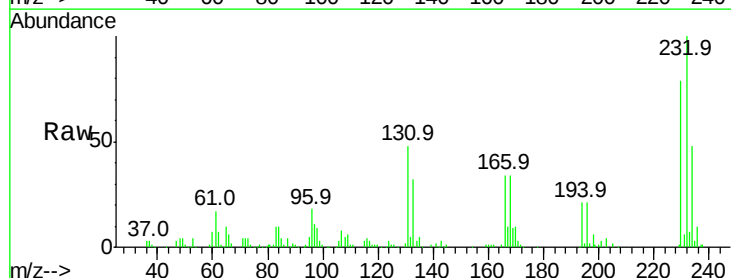
Instrument :
 BNA_F
 ClientSampleId :

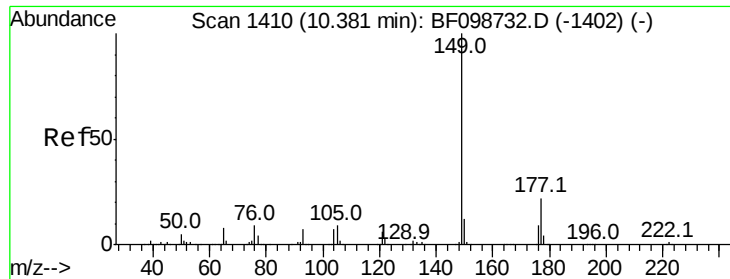
Tot Ion:166 Resp: 552159
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.8 119.8
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.688 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion:232 Resp: 116396
 Ion Ratio Lower Upper
 232 100
 131 50.8 43.8 65.8
 130 2.5 2.1 3.1
 166 35.5 27.8 41.6





#59

Diethylphthalate

Concen: 44.703 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampled :

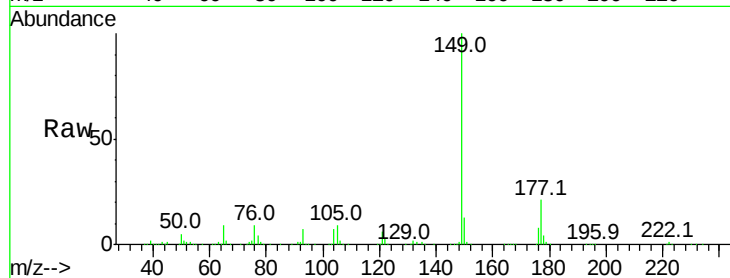
Tot Ion:149 Resp: 589391

Ion Ratio Lower Upper

149 100

177 21.0 16.1 24.1

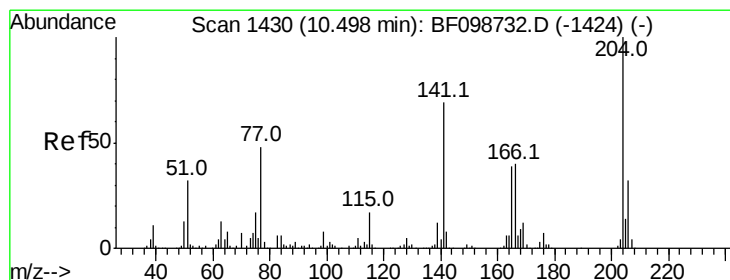
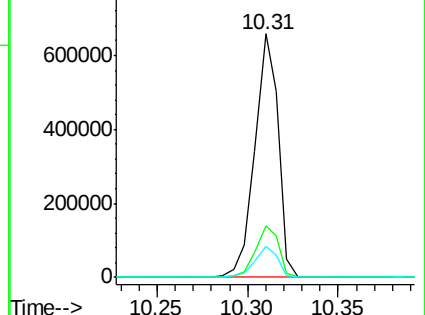
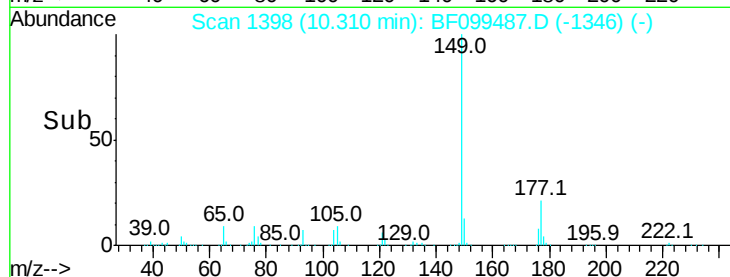
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.702 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

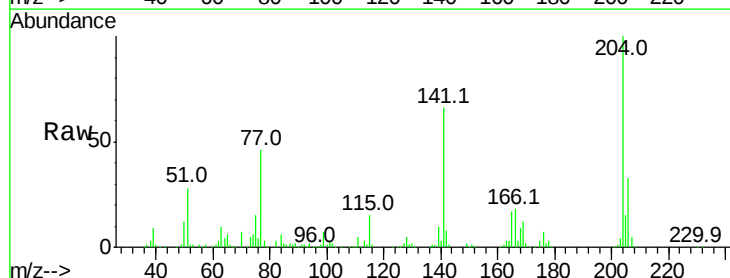
Tgt Ion:204 Resp: 251151

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

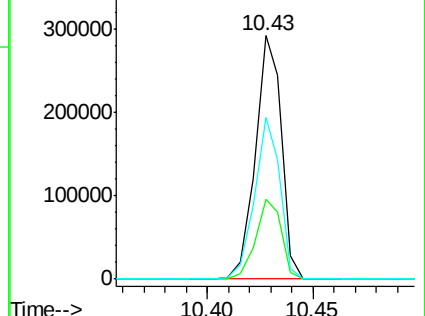
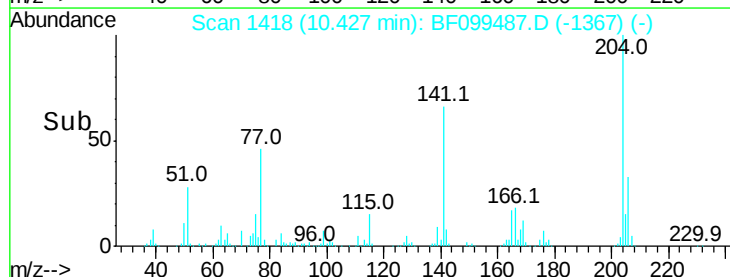
141 66.3 54.6 81.8

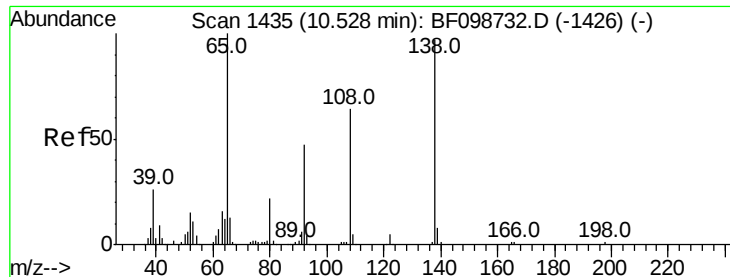


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

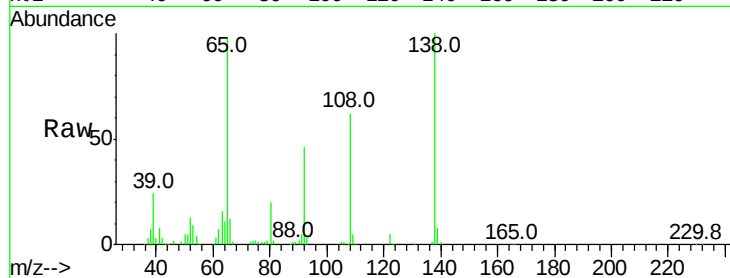




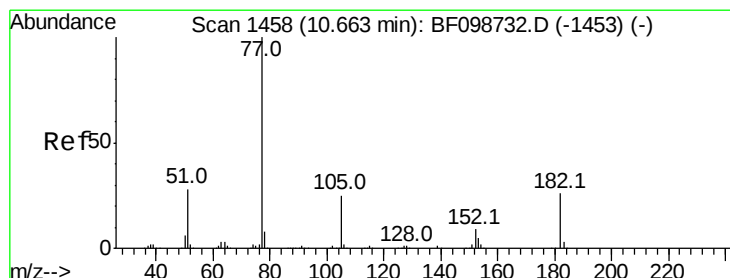
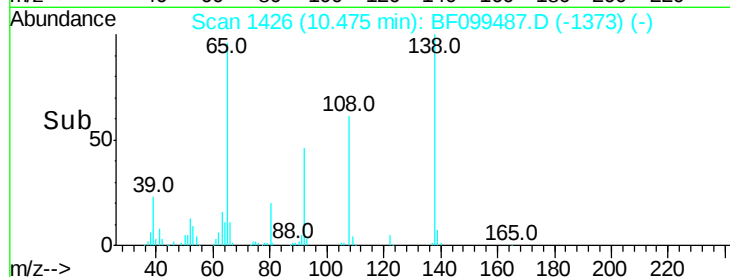
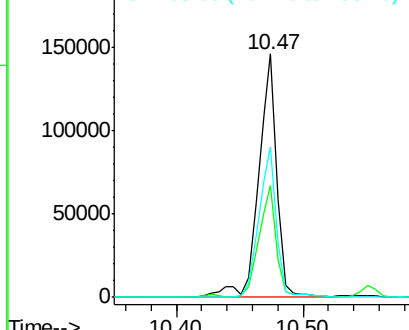
#61
4-Nitroaniline
Concen: 44.907 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 148393
Ion Ratio Lower Upper
138 100
92 46.0 30.2 70.2
108 61.7 52.5 92.5

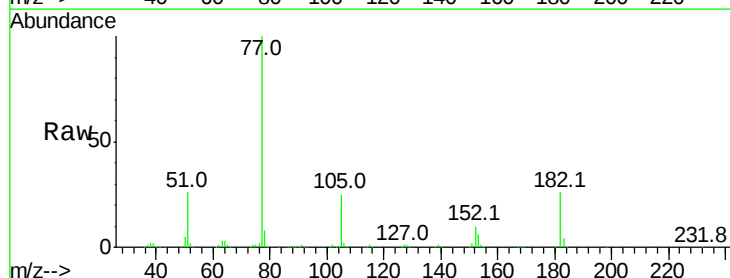


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

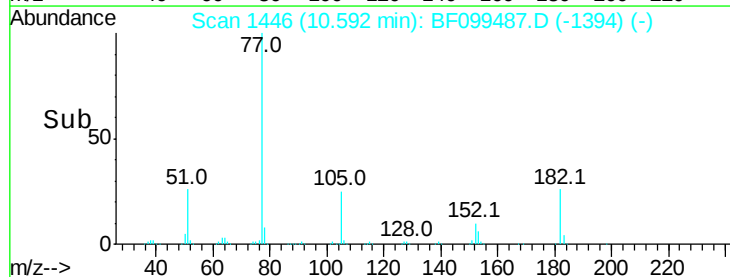
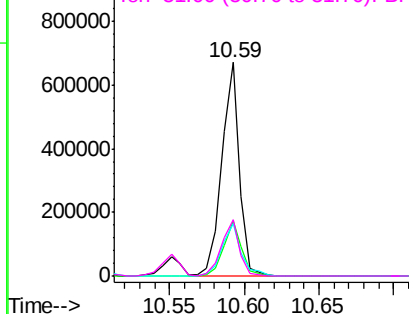


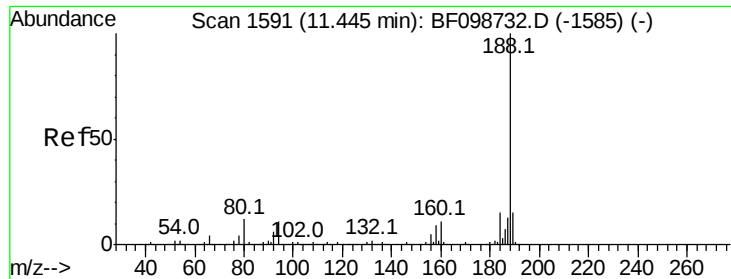
#62
Azobenzene
Concen: 46.255 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion: 77 Resp: 560743
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 24.6 3.0 43.0
51 26.2 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

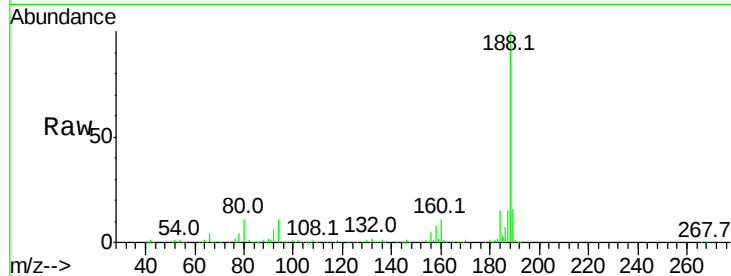




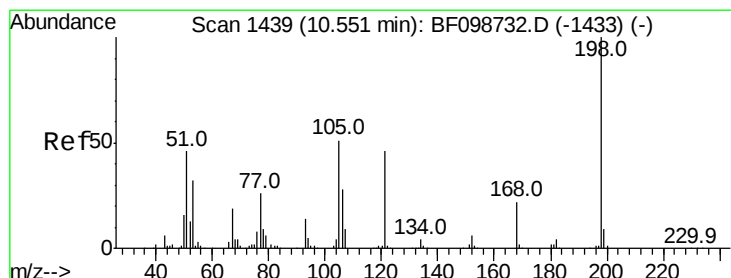
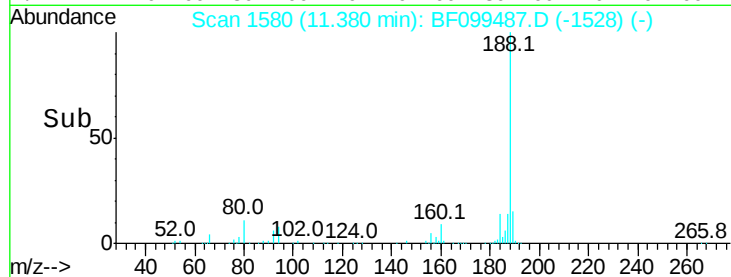
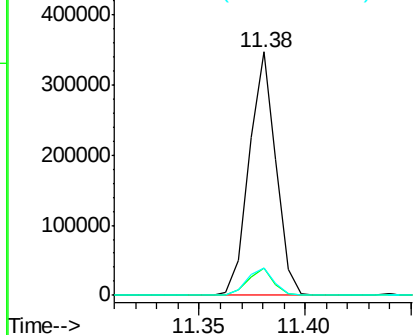
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 304660
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.5 9.2 13.8

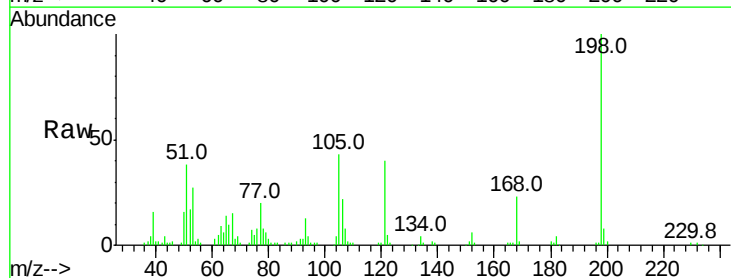


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

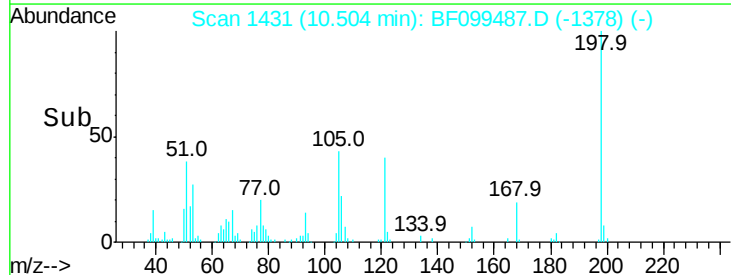
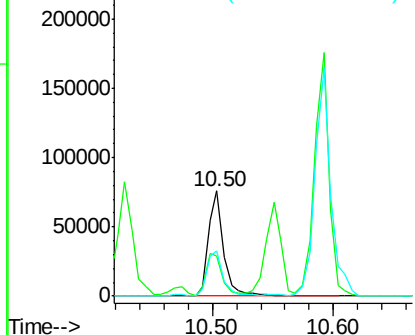


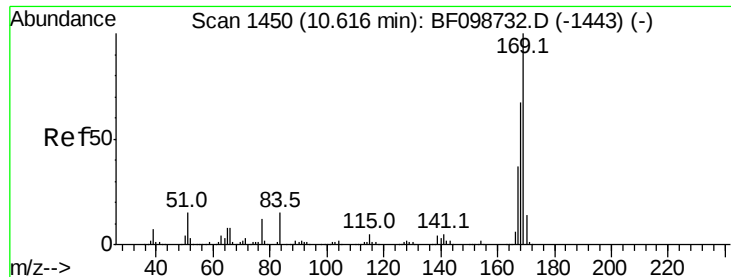
#64
4,6-Dinitro-2-methylphenol
Concen: 35.749 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion:198 Resp: 66265
Ion Ratio Lower Upper
198 100
51 37.9 37.7 77.7
105 43.0 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: 47.404 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

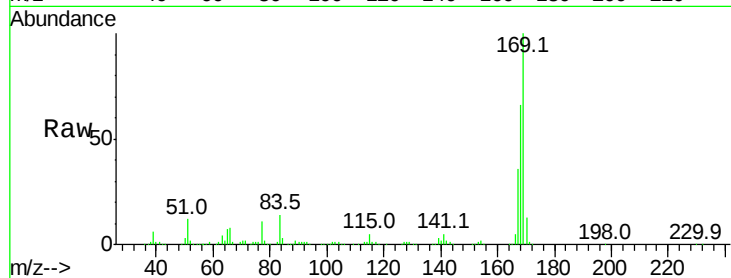
Tot Ion:169 Resp: 500319

Ion Ratio Lower Upper

169 100

168 65.6 54.4 81.6

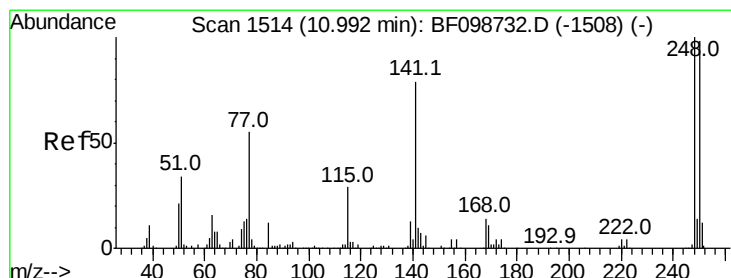
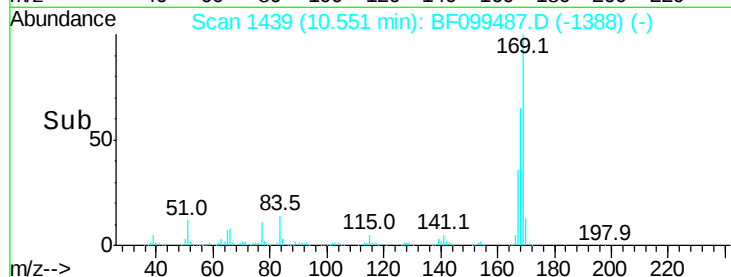
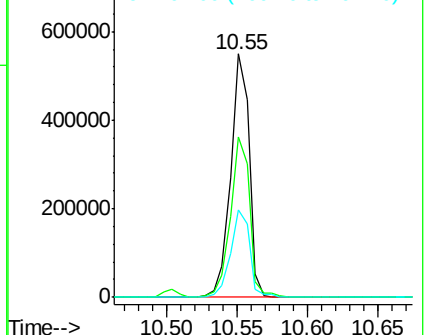
167 35.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.493 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

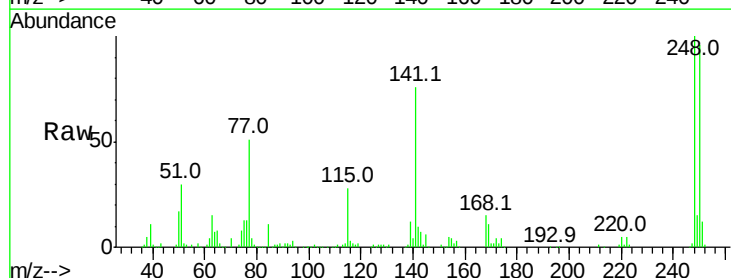
Tgt Ion:248 Resp: 144613

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

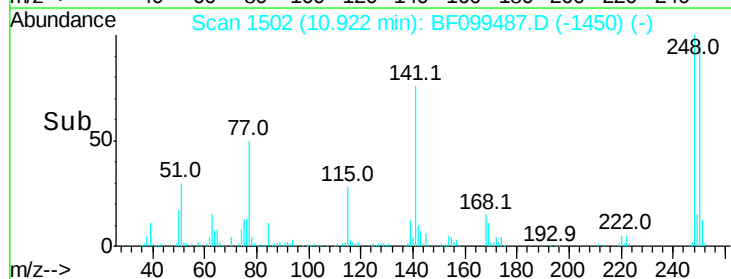
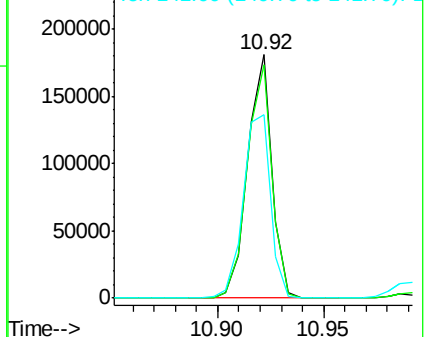
141 75.6 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

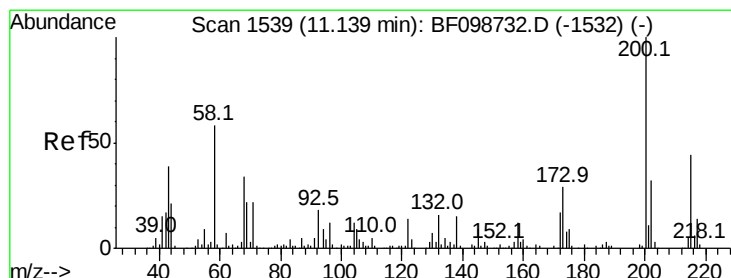
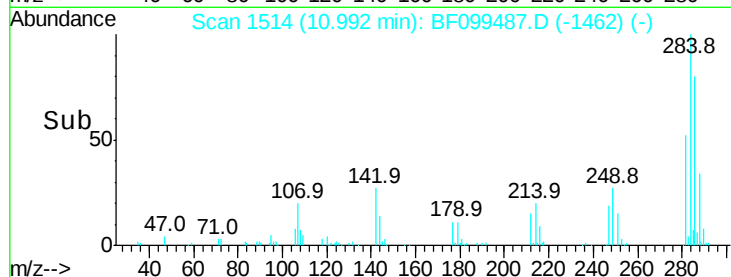
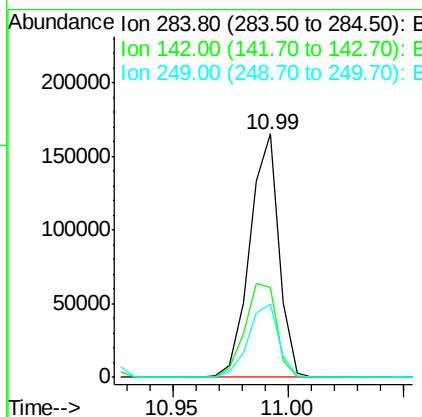
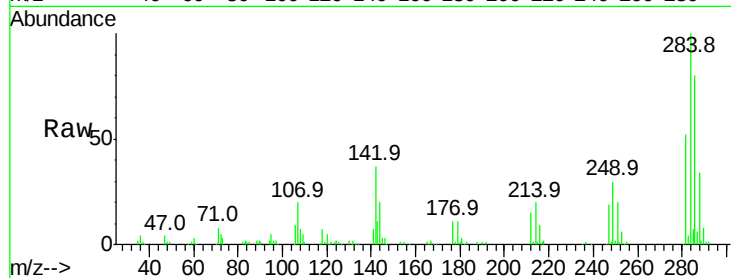




#67
Hexachlorobenzene
Concen: 45.680 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

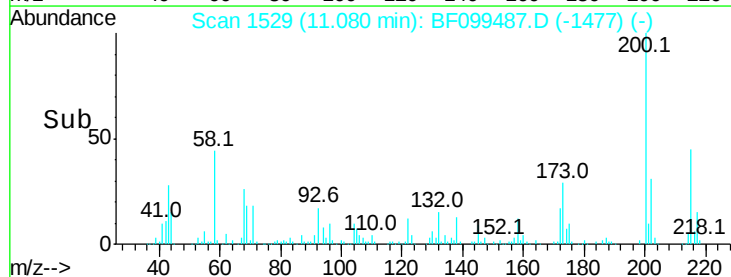
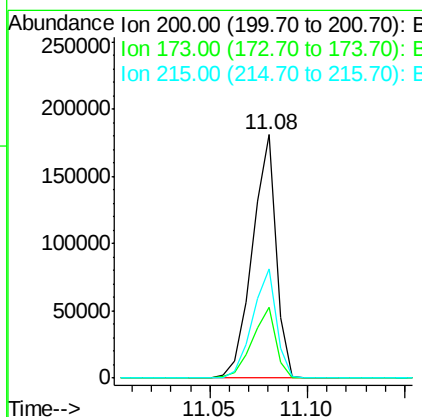
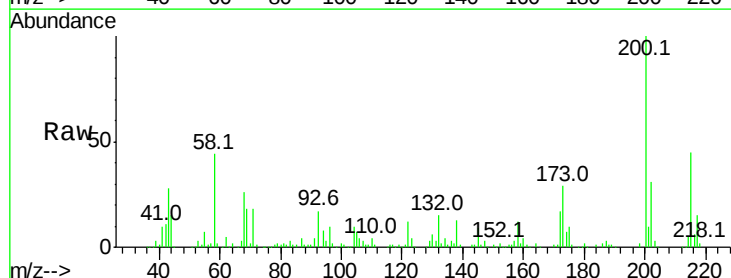
Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 145493
Ion Ratio Lower Upper
284 100
142 37.0 34.6 52.0
249 30.1 24.8 37.2



#68
Atrazine
Concen: 47.976 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion:200 Resp: 152347
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 45.0 25.1 65.1

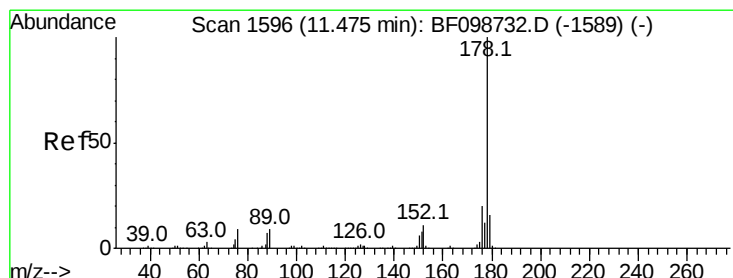
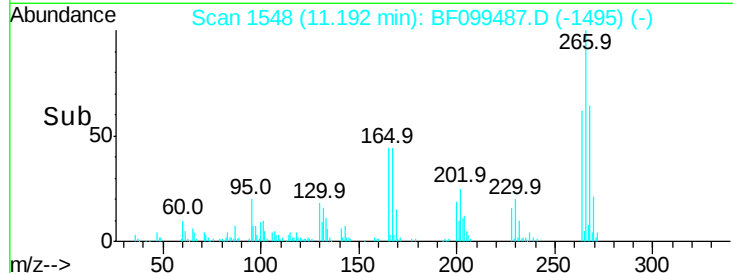
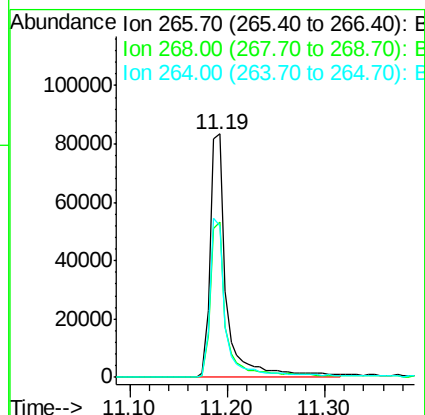
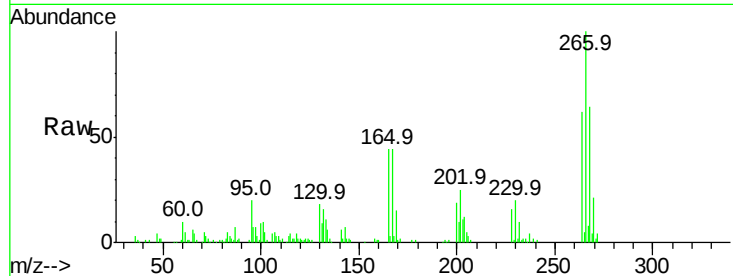




#69
 Pentachlorophenol
 Concen: 49.636 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

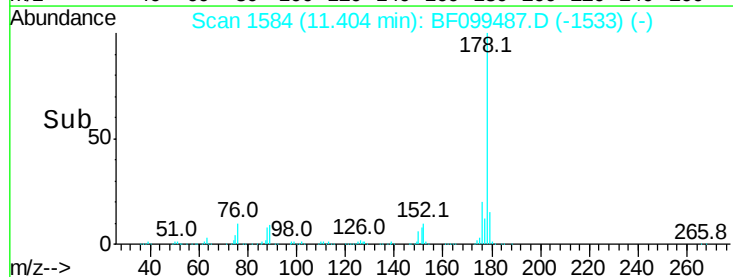
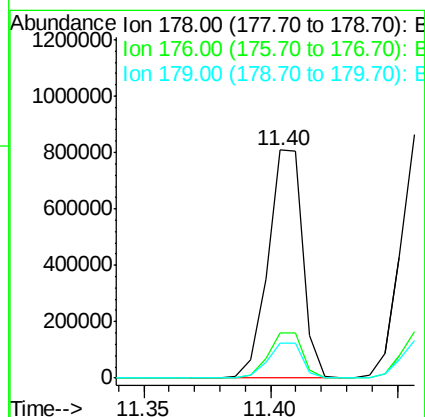
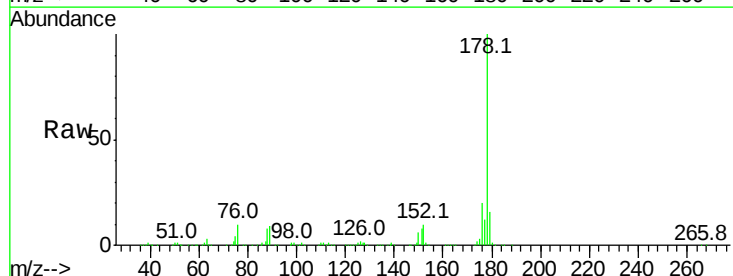
Instrument :
 BNA_F
 ClientSampled :

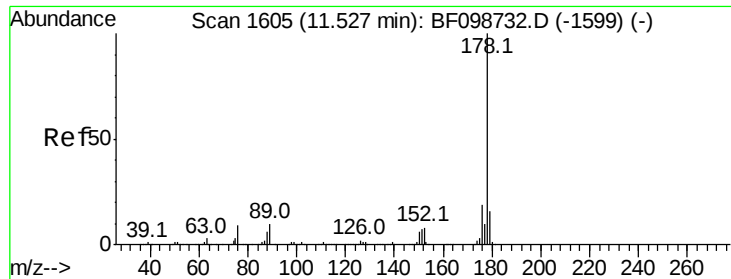
Tot Ion:266 Resp: 98390
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 62.4 49.5 74.3



#70
 Phenanthrene
 Concen: 47.541 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion:178 Resp: 775274
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.6 13.0 19.6

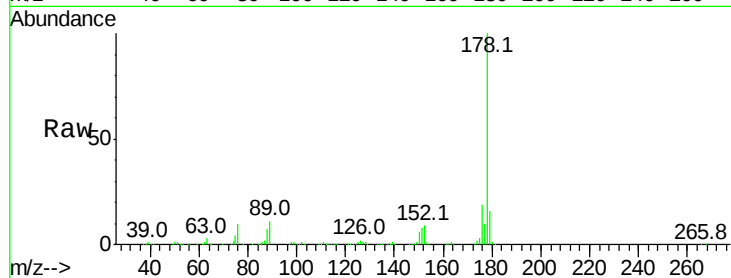




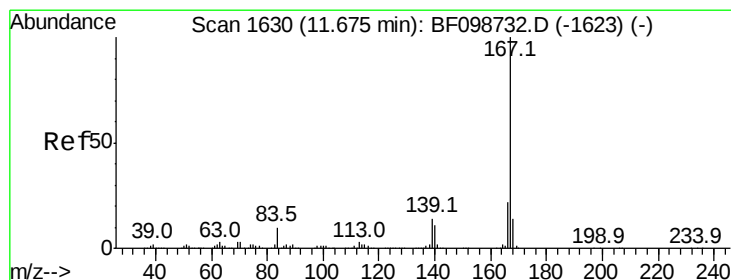
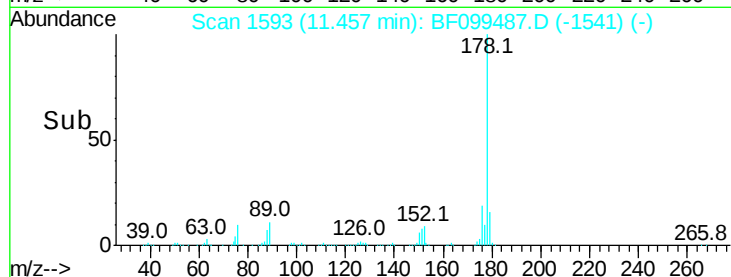
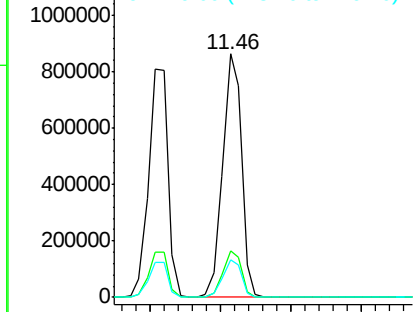
#71
 Anthracene
 Concen: 48.173 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 803802
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.6 12.6 19.0

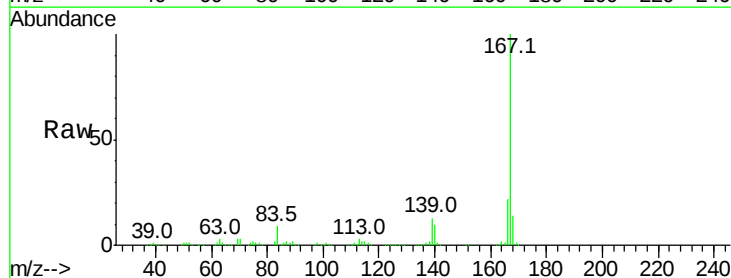


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

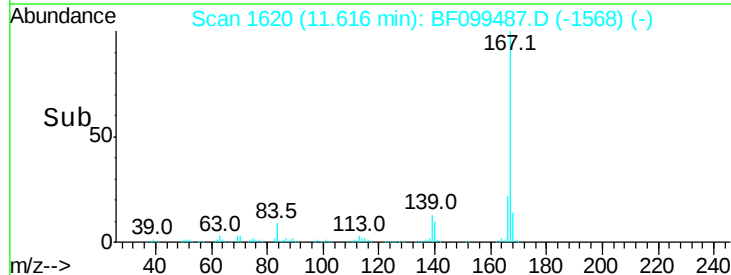
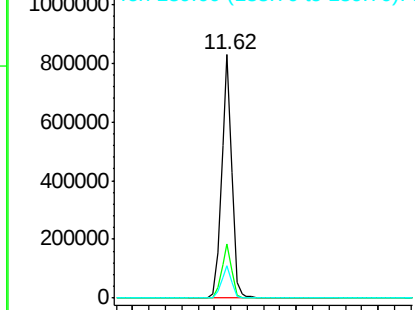


#72
 Carbazole
 Concen: 44.274 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion:167 Resp: 723436
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.199 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampled :

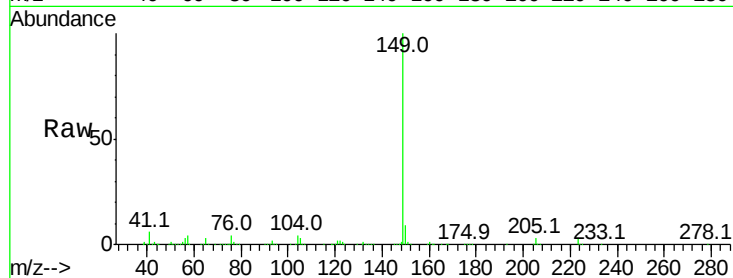
Tot Ion:149 Resp: 888966

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

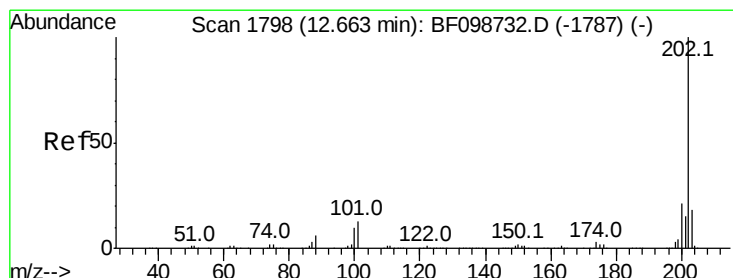
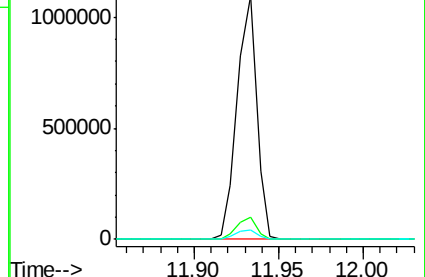
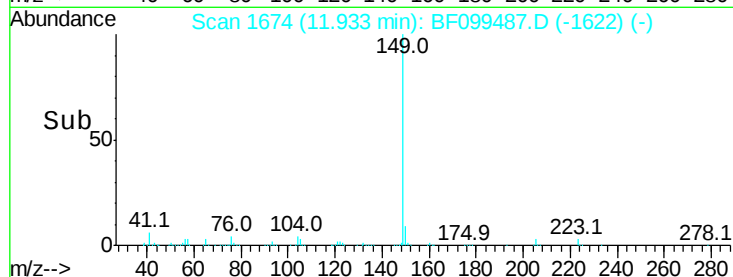
104 4.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.604 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

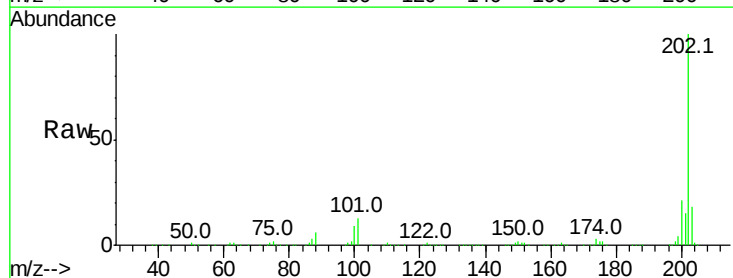
Tgt Ion:202 Resp: 753072

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

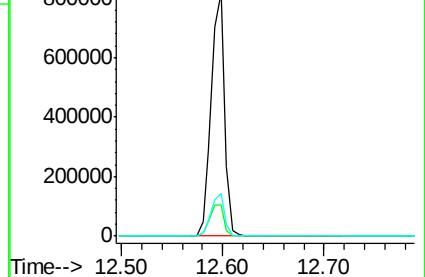
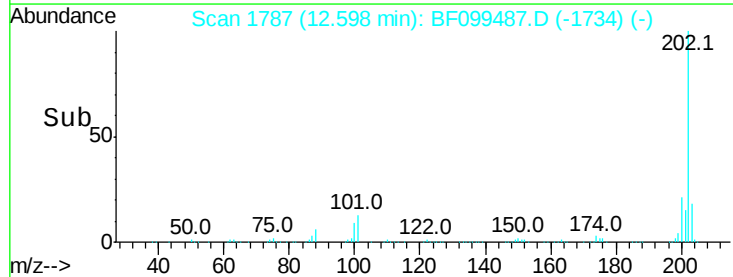
203 17.5 0.0 38.1

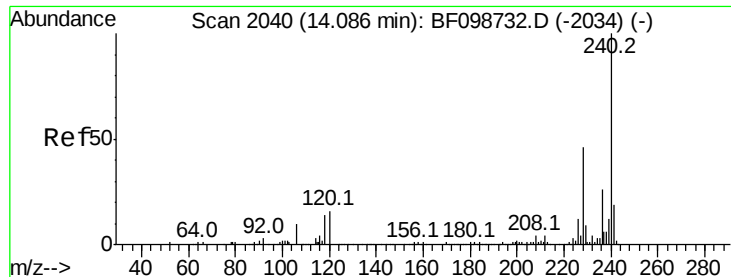


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

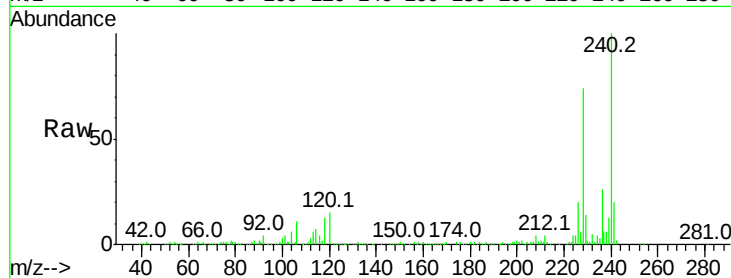
Tot Ion:240 Resp: 177726

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

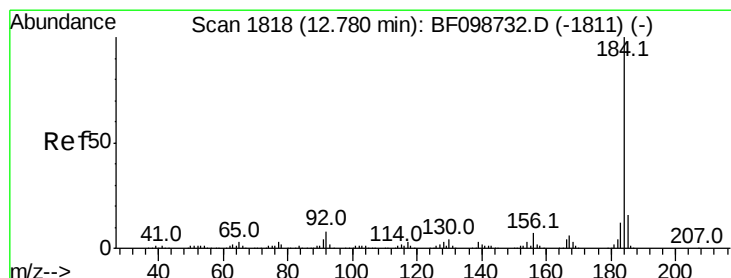
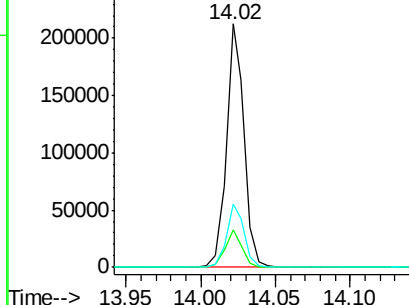
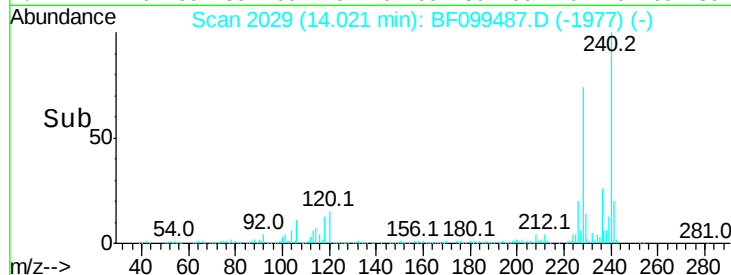
236 25.7 20.7 31.1



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: 24.289 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

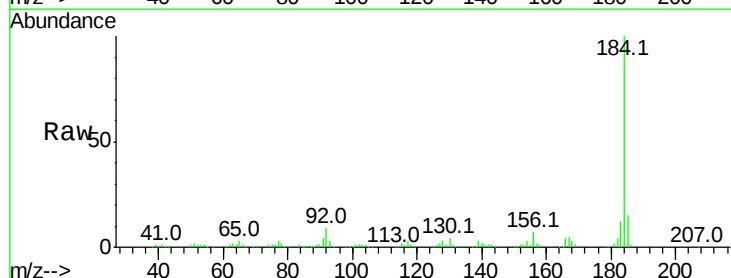
Tgt Ion:184 Resp: 159662

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

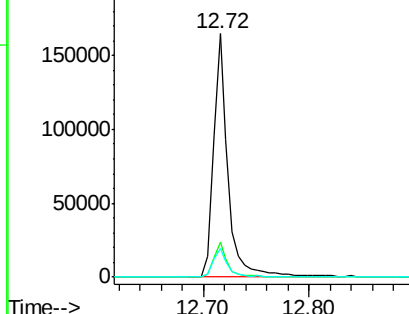
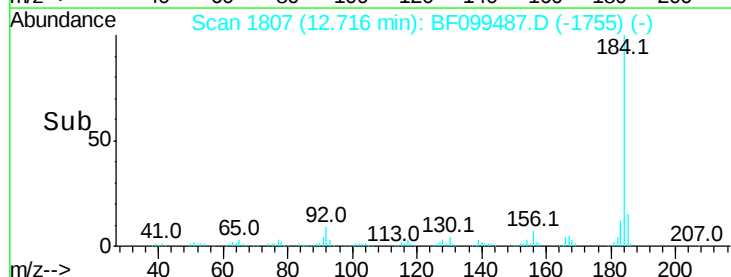
183 11.9 9.3 13.9

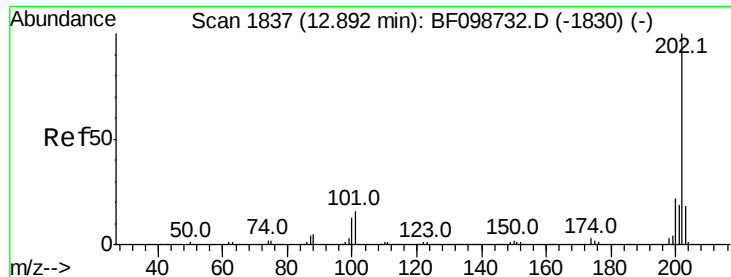


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

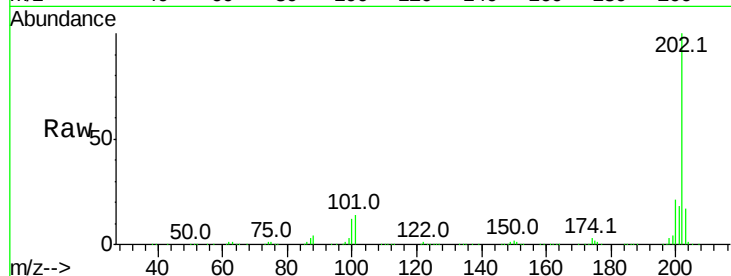




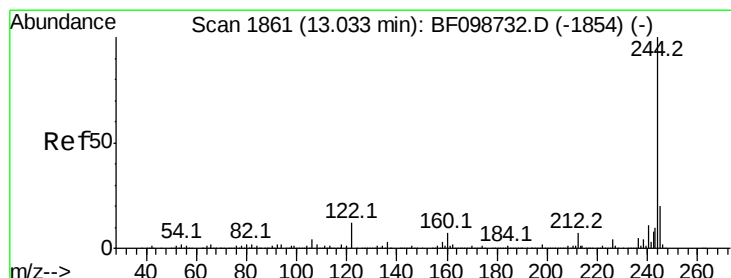
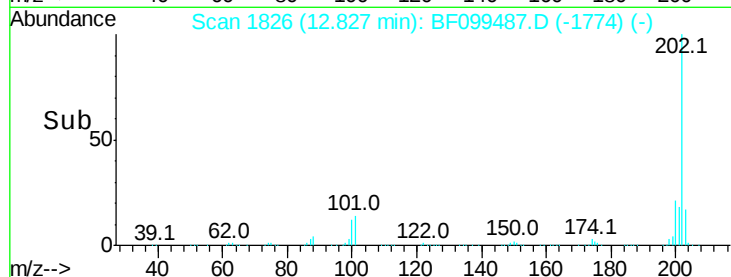
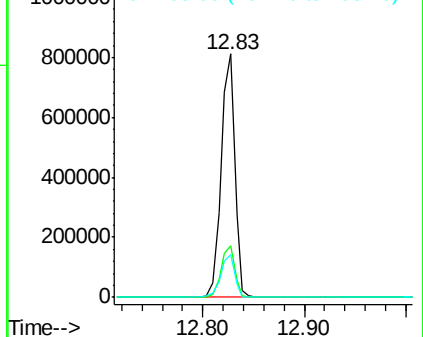
#77
Pvrene
Concen: 55.987 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 758754
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.4 14.3 21.5

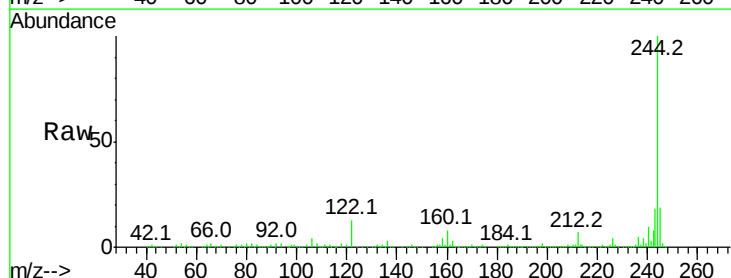


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

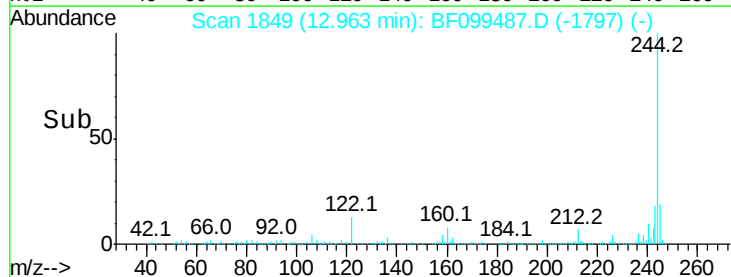
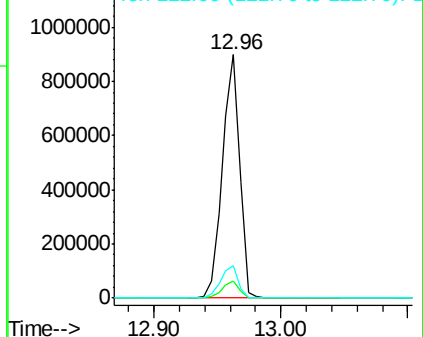


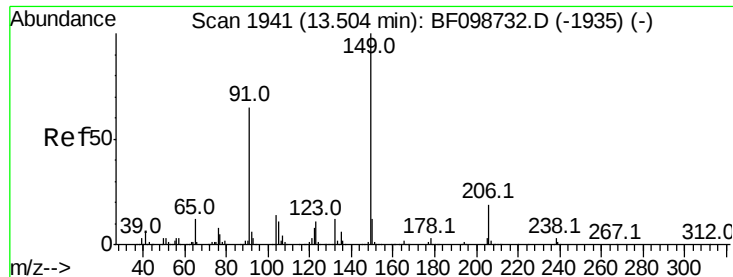
#78
Terphenyl-d14
Concen: 109.364 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion:244 Resp: 854664
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.2 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

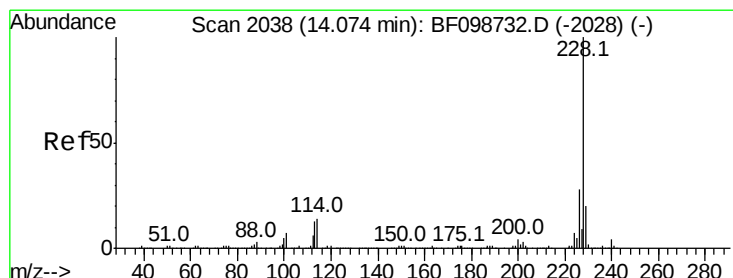
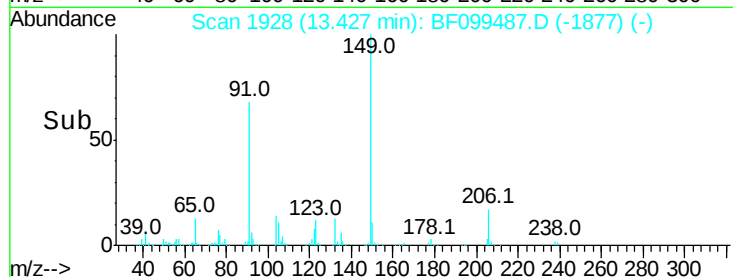
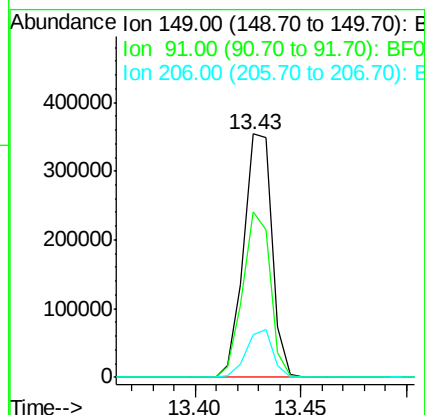
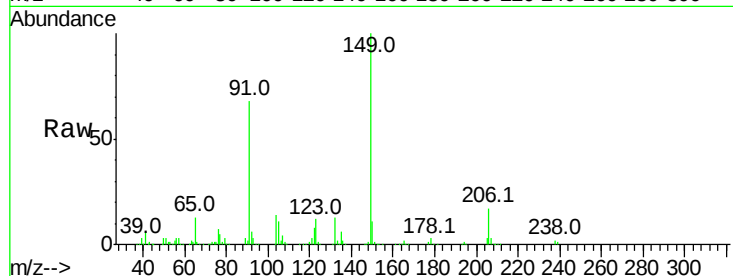




#79
Butylbenzylphthalate
Concen: 51.849 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

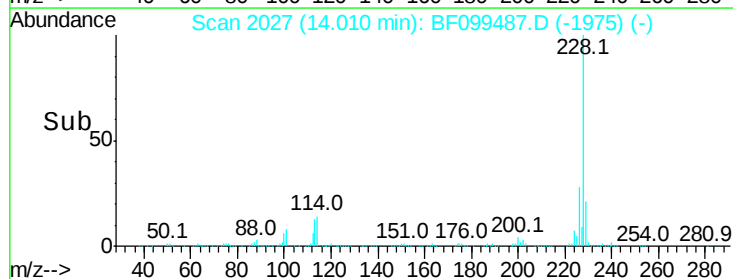
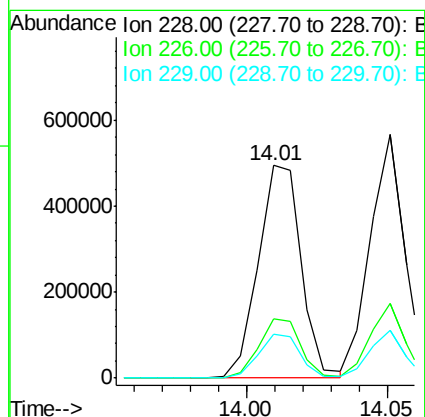
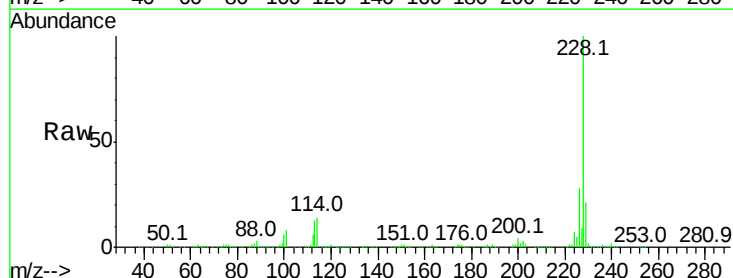
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	17.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 48.313 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.7	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 28.480 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

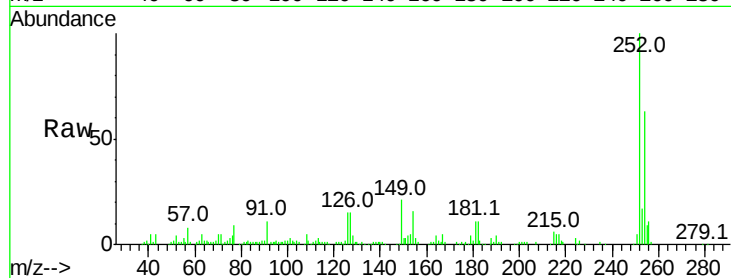
Tot Ion:252 Resp: 112357

Ion Ratio Lower Upper

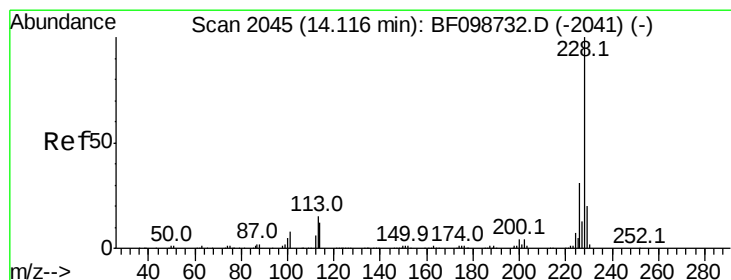
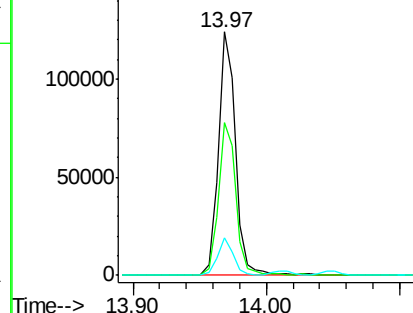
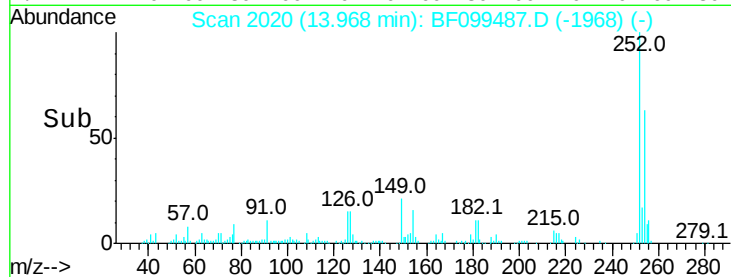
252 100

254 62.6 50.4 75.6

126 15.2 11.3 16.9



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



#82

Chrysene

Concen: 47.112 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

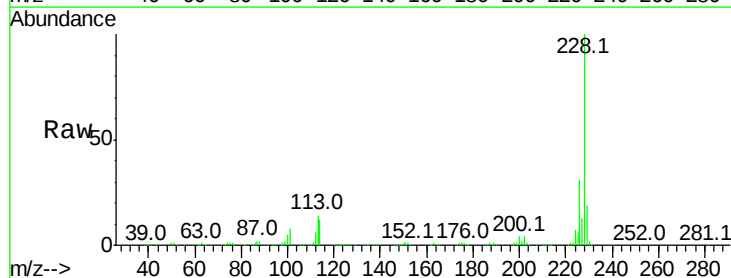
Tgt Ion:228 Resp: 482699

Ion Ratio Lower Upper

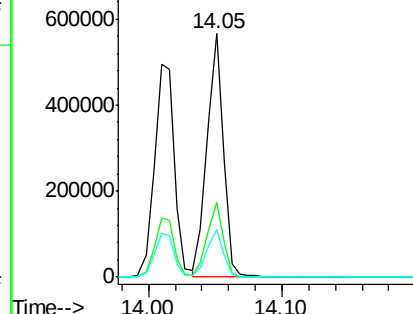
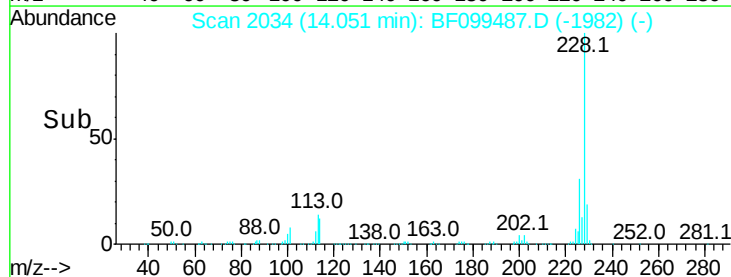
228 100

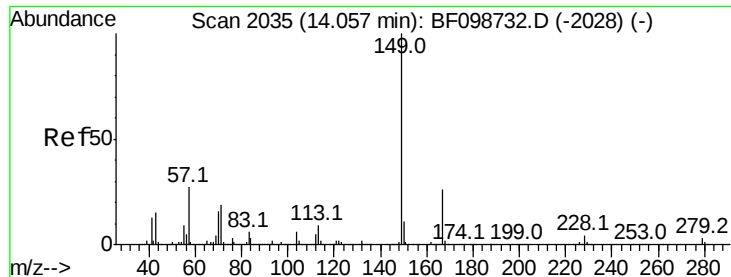
226 30.6 25.0 37.6

229 19.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.601 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

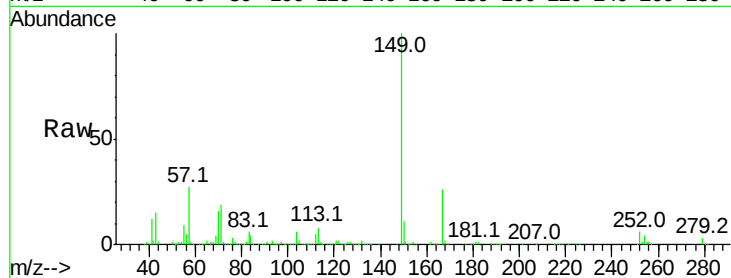
Tot Ion:149 Resp: 408695

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

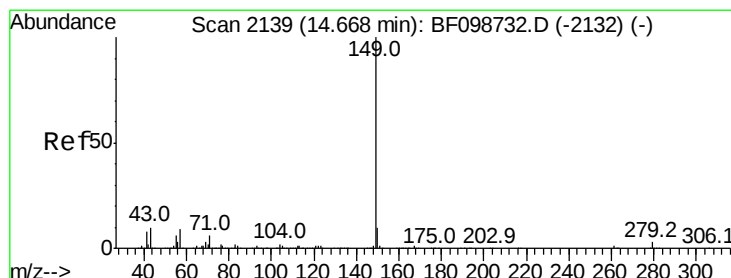
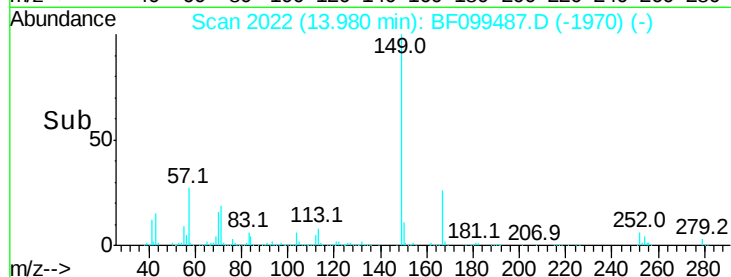
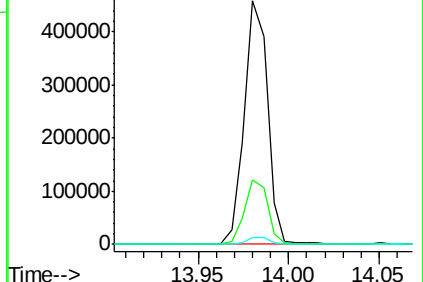
279 2.7 3.0 4.4#



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: 40.734 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

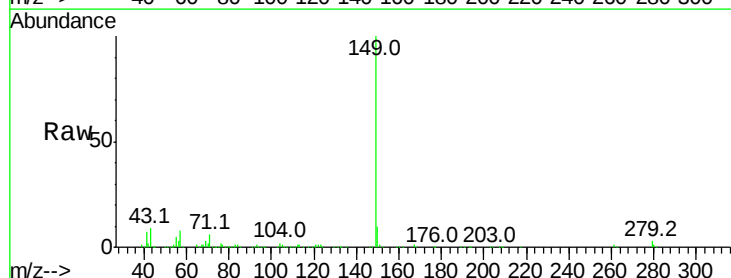
Tgt Ion:149 Resp: 575234

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

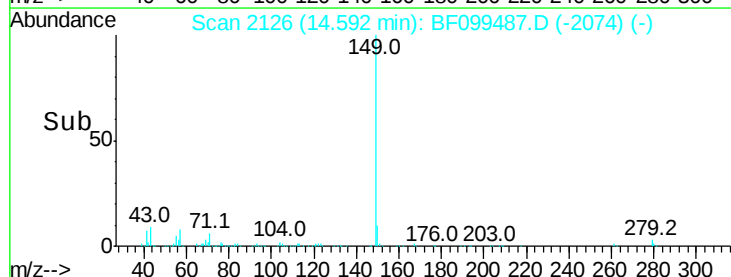
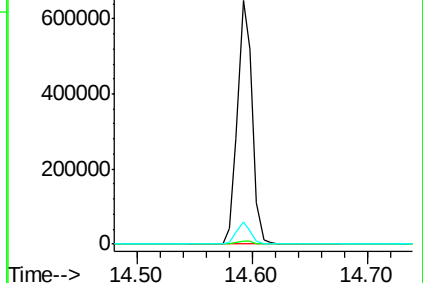
43 8.4 8.4 12.6#

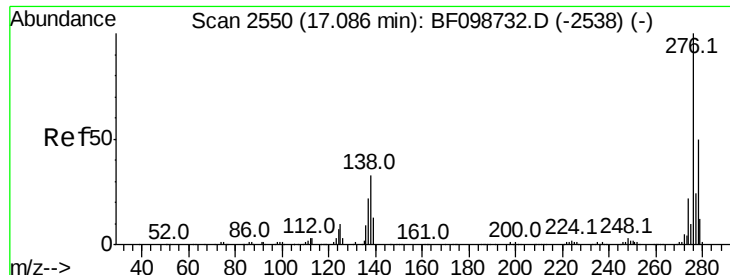


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

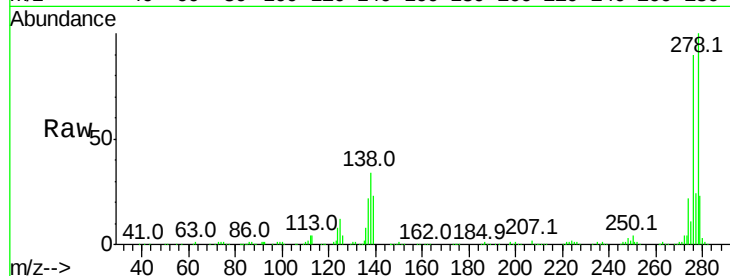




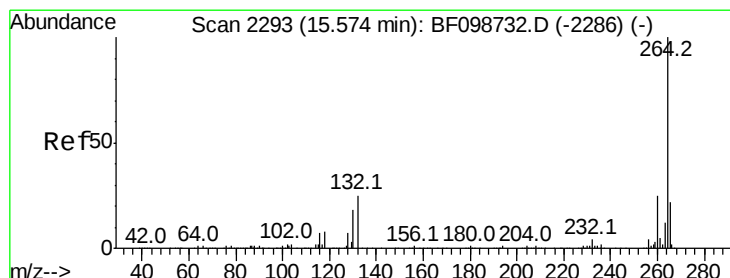
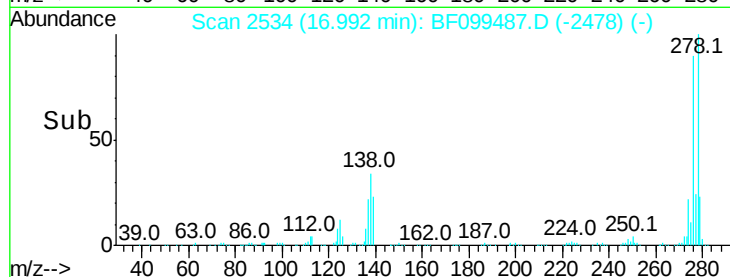
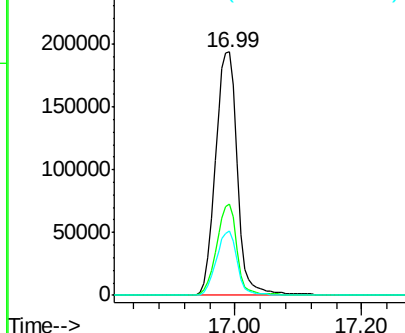
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.380 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.03 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.2	20.1	30.1

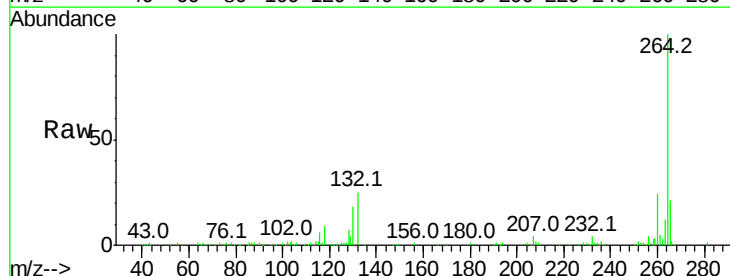


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

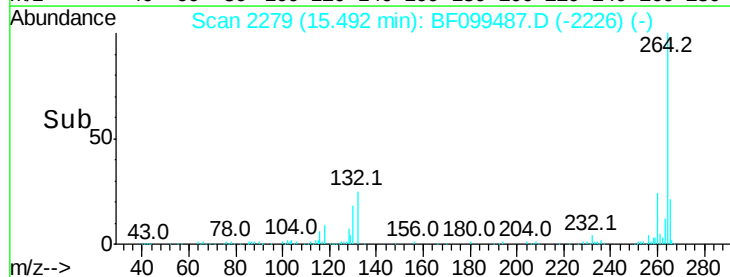
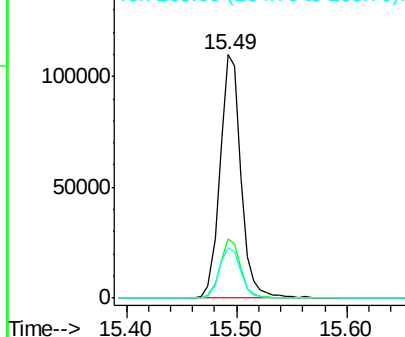


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099487.D
 Acq: 14 Oct 2017 20:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.8	17.5	26.3



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

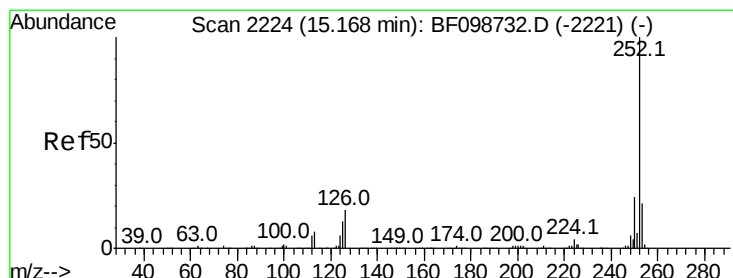
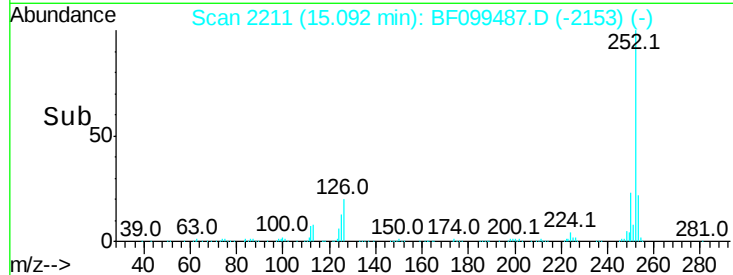
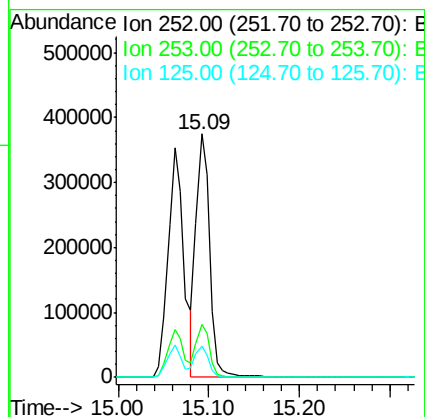
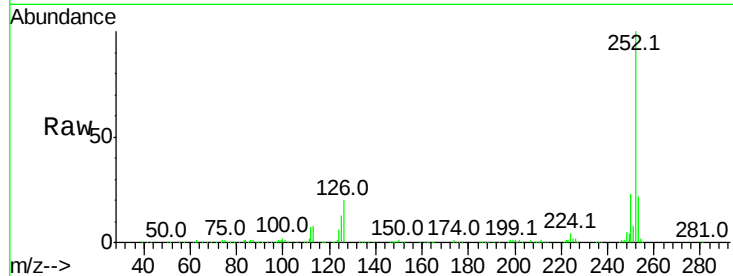




#87
Benzo(b)fluoranthene
Concen: 42.865 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.04 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

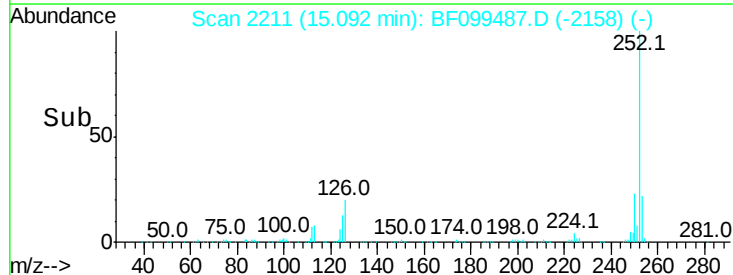
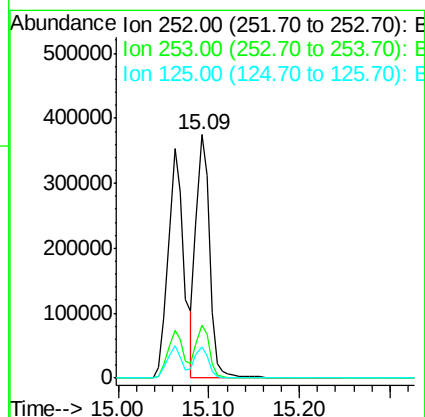
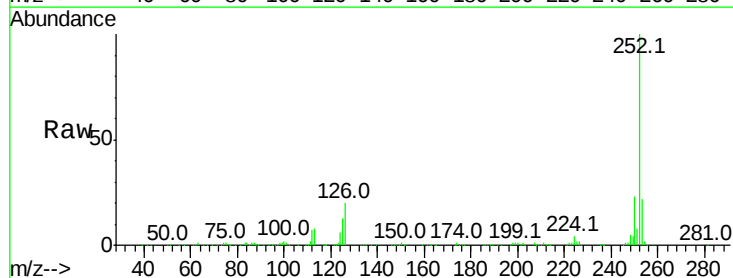
Instrument :
BNA_F
ClientSampleId :

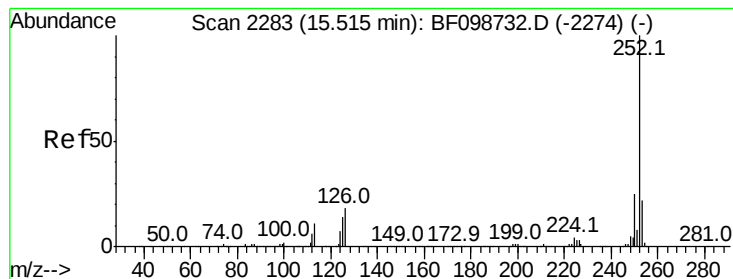
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	13.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 43.399 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099487.D
Acq: 14 Oct 2017 20:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 47.830 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

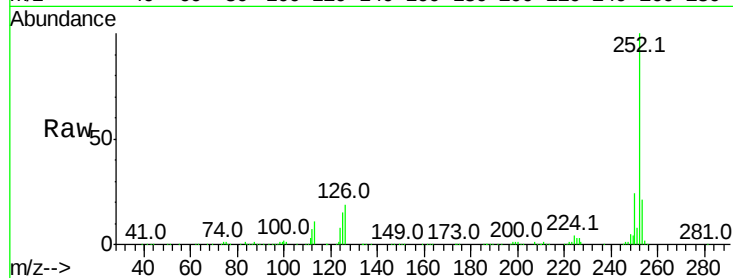
Tot Ion:252 Resp: 392019

Ion Ratio Lower Upper

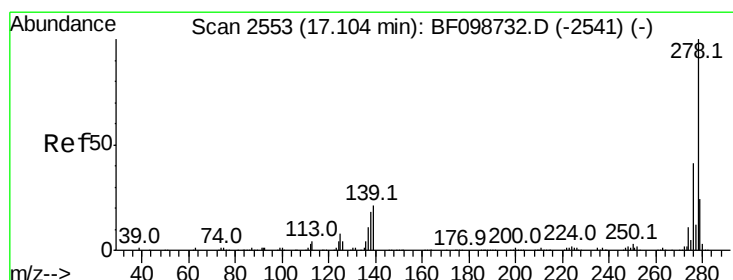
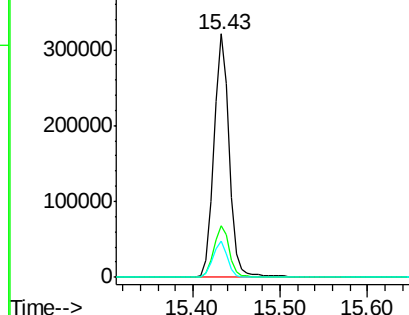
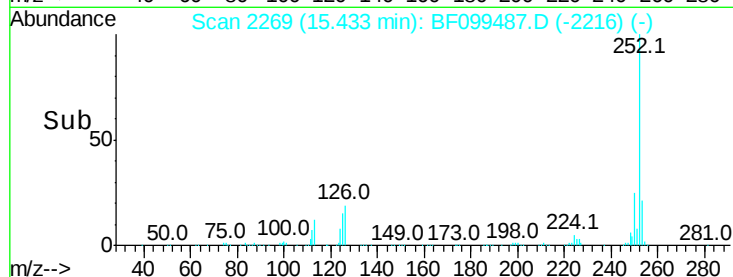
252 100

253 21.2 17.1 25.7

125 14.8 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: 59.533 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

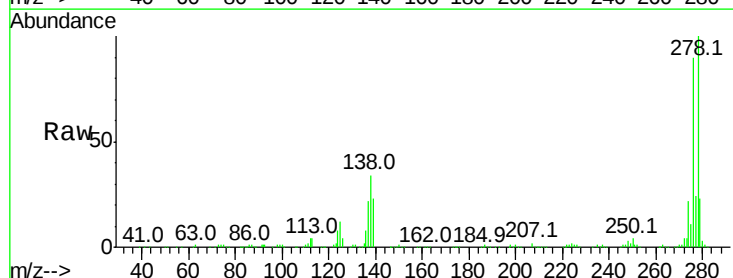
Tgt Ion:278 Resp: 390489

Ion Ratio Lower Upper

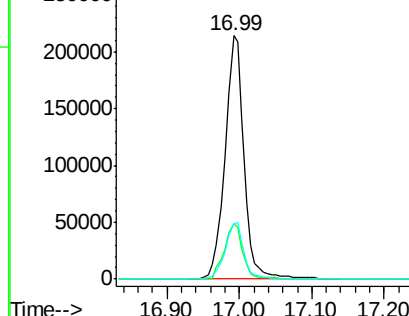
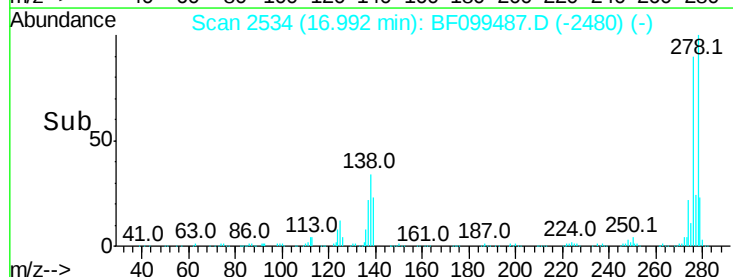
278 100

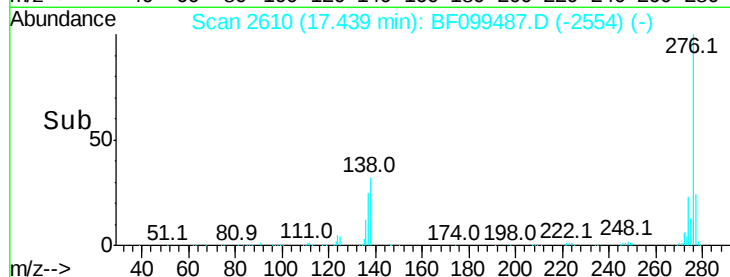
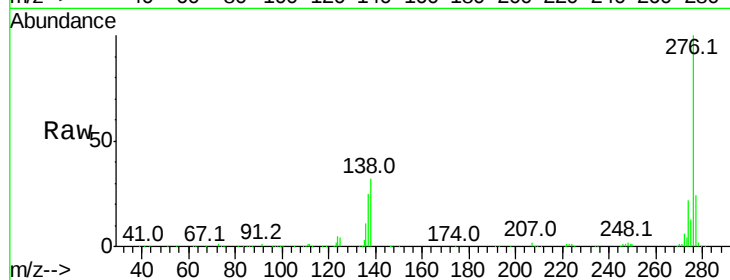
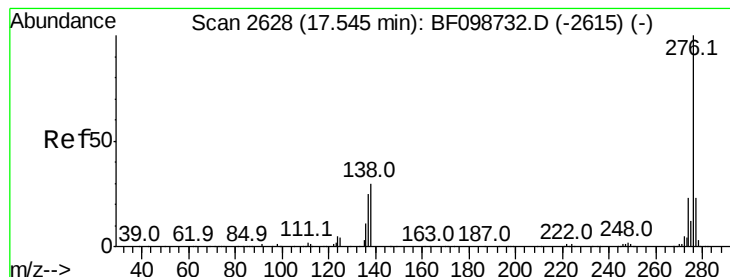
139 22.7 15.9 23.9

279 22.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 63.920 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.03 min

Lab File: BF099487.D

Acq: 14 Oct 2017 20:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 414435

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 31.7 21.8 32.8

