

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099479.D
 Acq On : 14 Oct 2017 16:19
 Operator : SJ/JU
 Sample : PB103277BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:04:29 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	99633	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	410977	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	185272	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	334738	20.00	ng	0.00
75) Chrysene-d12	14.02	240	216939	20.00	ng	0.00
86) Perylene-d12	15.49	264	163342	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	752486	120.23	ng	0.02
7) Phenol-d6	6.50	99	907793	117.58	ng	0.01
23) Nitrobenzene-d5	7.42	82	544962	85.04	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	190445	125.62	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1044347	94.10	ng	0.00
78) Terphenyl-d14	12.96	244	894708	93.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	109370	36.582	ng	95
3) Pyridine	3.49	79	298777	36.942	ng	93
4) n-Nitrosodimethylamine	3.45	42	124965	36.437	ng	83
6) Aniline	6.52	93	166841	16.011	ng	99
8) 2-Chlorophenol	6.65	128	297969	42.040	ng	93
9) Benzaldehyde	6.41	77	101340	22.627	ng	91
10) Phenol	6.51	94	354324	41.034	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	272982	40.666	ng	97
12) 1,3-Dichlorobenzene	6.79	146	316761	42.674	ng	98
13) 1,4-Dichlorobenzene	6.87	146	320113	42.386	ng	100
14) 1,2-Dichlorobenzene	7.02	146	296354	42.468	ng	98
15) Benzyl Alcohol	7.00	79	223503	39.460	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	384215	36.737	ng	78
17) 2-Methylphenol	7.11	107	246486	42.502	ng	99
18) Hexachloroethane	7.36	117	111765	41.172	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	184276	37.383	ng	92
20) 3+4-Methylphenols	7.26	107	297457	40.544	ng	# 66
22) Acetophenone	7.26	105	388334	39.000	ng	97
24) Nitrobenzene	7.44	77	295045	40.586	ng	96
25) Isophorone	7.67	82	544765	41.116	ng	98
26) 2-Nitrophenol	7.76	139	167302	47.858	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	268781	40.713	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	353822	42.851	ng	100
29) 2,4-Dichlorophenol	8.00	162	251663	44.399	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	251419	44.349	ng	100
31) Naphthalene	8.16	128	848244	43.946	ng	100
32) Benzoic acid	7.92	122	124898	23.032	ng	98
33) 4-Chloroaniline	8.21	127	55076	6.833	ng	97
34) Hexachlorobutadiene	8.27	225	125138	42.856	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	261495	41.045	ng	97
37) 2-Methylnaphthalene	8.85	142	582208	46.399	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	231552	41.907	ng	99
40) Hexachlorocyclopentadiene	9.00	237	149887	59.360	ng	98
42) 2,4,6-Trichlorophenol	9.13	196	155326	39.681	ng	98

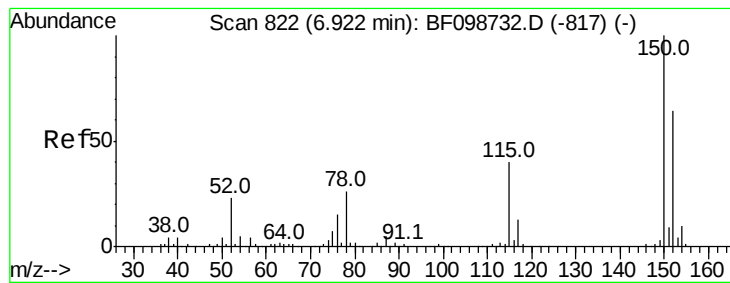
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099479.D
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	165773	42.425	ng	97
45) 1,1'-Biphenyl	9.31	154	681215	42.782	ng	100
46) 2-Chloronaphthalene	9.34	162	532579	44.547	ng	98
47) 2-Nitroaniline	9.44	65	155068	42.360	ng	99
48) Acenaphthylene	9.76	152	811397	44.335	ng	99
49) Dimethylphthalate	9.62	163	630578	45.095	ng	99
50) 2,6-Dinitrotoluene	9.68	165	140387	46.115	ng	94
51) Acenaphthene	9.93	154	476084	41.066	ng	98
52) 3-Nitroaniline	9.85	138	54338	15.308	ng	93
53) 2,4-Dinitrophenol	9.97	184	68682	46.005	ng	88
54) Dibenzofuran	10.10	168	705263	45.690	ng	100
55) 4-Nitrophenol	10.03	139	161051	53.658	ng	87
56) 2,4-Dinitrotoluene	10.09	165	174965	44.285	ng	95
57) Fluorene	10.44	166	559442	45.092	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	118470	43.890	ng	97
59) Diethylphthalate	10.31	149	596785	43.677	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	252642	45.332	ng	100
61) 4-Nitroaniline	10.47	138	153729	44.890	ng	86
62) Azobenzene	10.59	77	556792	44.319	ng	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	65660	32.239	ng	# 74
65) n-Nitrosodiphenylamine	10.55	169	509898	43.971	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	149216	45.541	ng	92
67) Hexachlorobenzene	10.99	284	148637	42.474	ng	93
68) Atrazine	11.08	200	159131	45.610	ng	99
69) Pentachlorophenol	11.19	266	114177	52.424	ng	99
70) Phenanthrene	11.41	178	800327	44.667	ng	99
71) Anthracene	11.46	178	840412	45.841	ng	99
72) Carbazole	11.62	167	771803	42.990	ng	99
73) Di-n-butylphthalate	11.93	149	944683	43.716	ng	99
74) Fluoranthene	12.60	202	822065	45.309	ng	97
76) Benzidine	12.72	184	208931	26.039	ng	98
77) Pyrene	12.83	202	824332	49.831	ng	99
79) Butylbenzylphthalate	13.43	149	377518	48.558	ng	93
80) Benzo(a)anthracene	14.02	228	611008	46.513	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	76697	15.927	ng	99
82) Chrysene	14.05	228	567967	45.415	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	495337	46.271	ng	99
84) Di-n-octyl phthalate	14.59	149	709082	41.136	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.99	276	471635	47.143	ng	96
87) Benzo(b)fluoranthene	15.06	252	478903	47.686	ng	98
88) Benzo(k)fluoranthene	15.09	252	429357	43.284	ng	99
89) Benzo(a)pyrene	15.43	252	430549	46.704	ng	# 97
90) Dibenzo(a,h)anthracene	16.99	278	389824	52.838	ng	96
91) Benzo(g,h,i)perylene	17.44	276	414346	56.817	ng	96

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

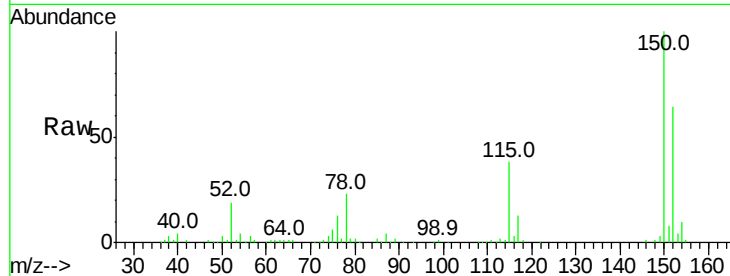


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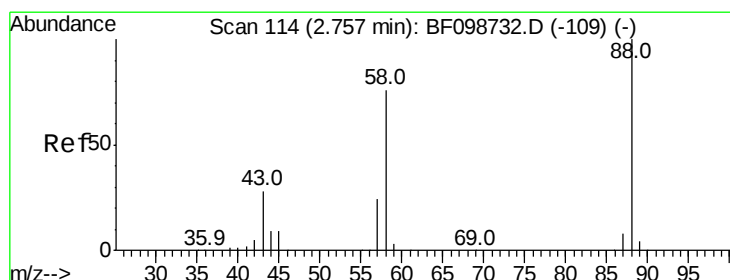
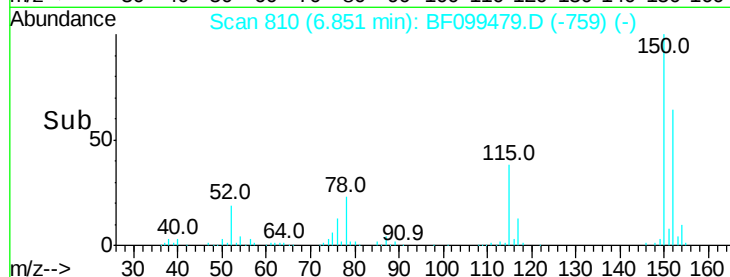
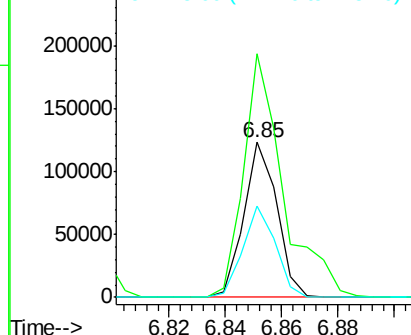
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99633
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 59.3 50.1 75.1



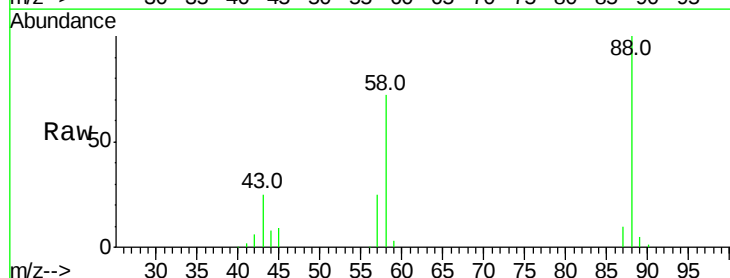
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



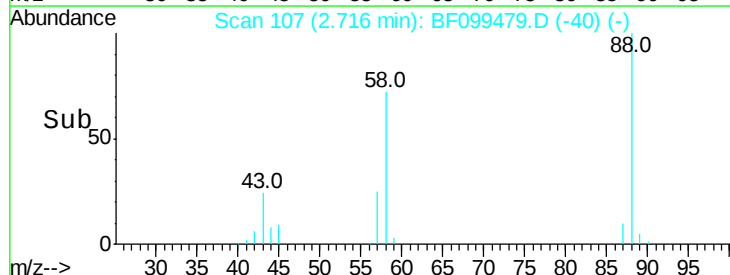
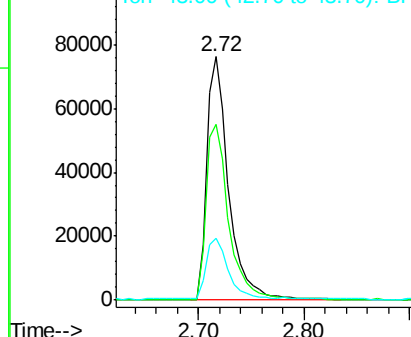
#2

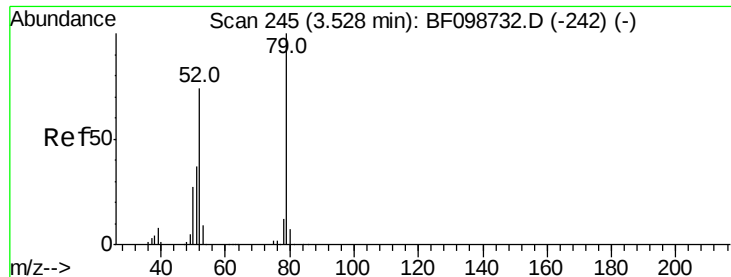
1,4-Dioxane
Concen: 36.582 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.09 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion: 88 Resp: 109370
Ion Ratio Lower Upper
88 100
58 75.6 62.6 93.8
43 25.5 24.6 37.0



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





#3

Pvridine

Concen: 36.942 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.09 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

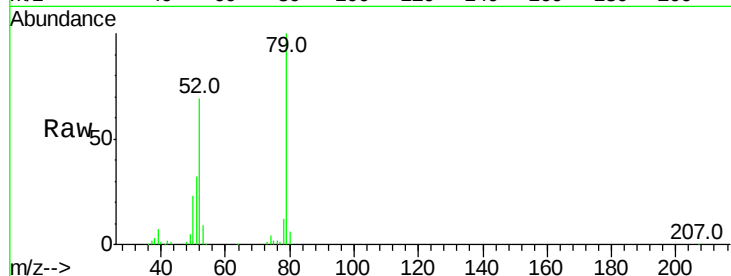
Tot Ion: 79 Resp: 298777

Ion Ratio Lower Upper

79 100

52 69.1 59.8 89.6

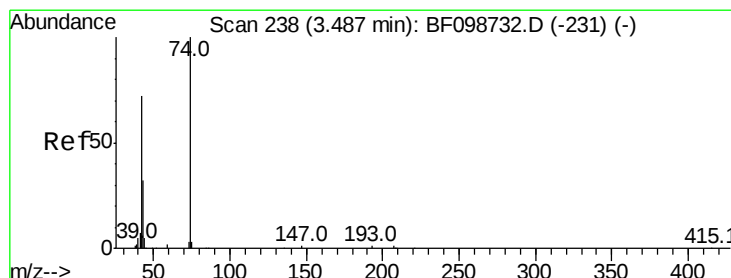
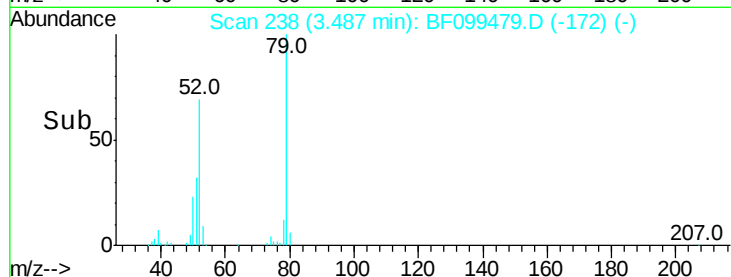
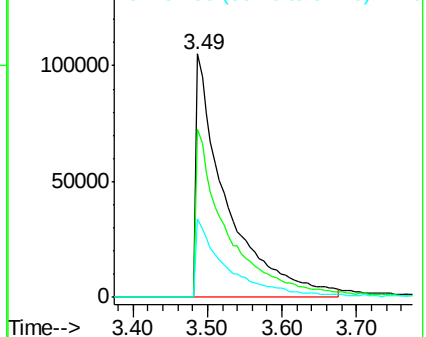
51 32.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.437 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.09 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

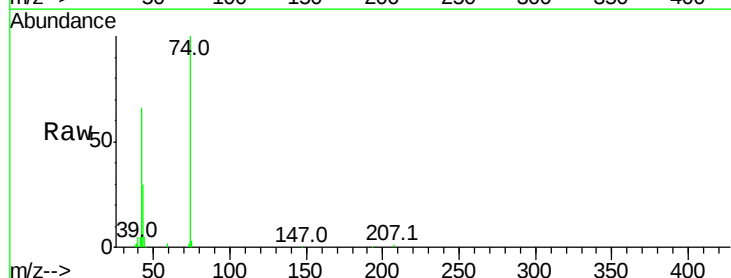
Tgt Ion: 42 Resp: 124965

Ion Ratio Lower Upper

42 100

74 152.6 104.9 157.3

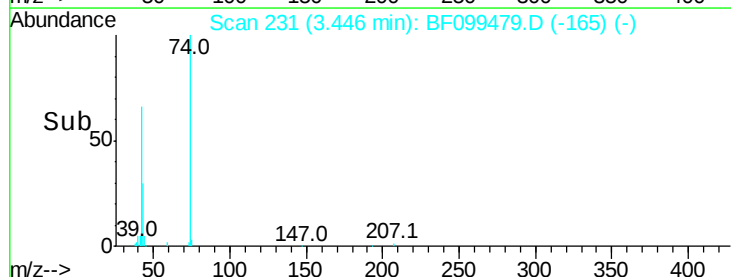
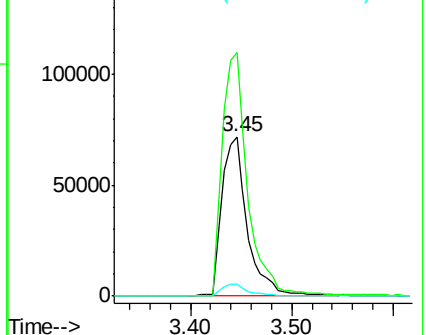
44 7.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 120.230 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

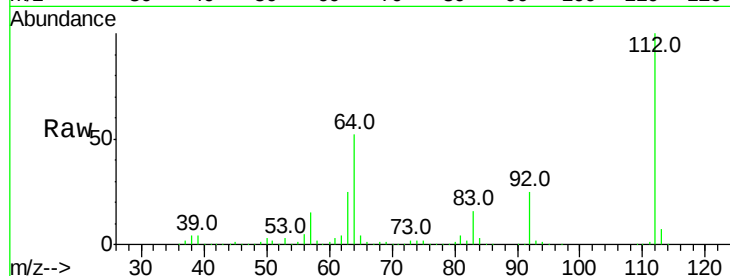
Tot Ion:112 Resp: 752486

Ion Ratio Lower Upper

112 100

64 51.7 47.9 71.9

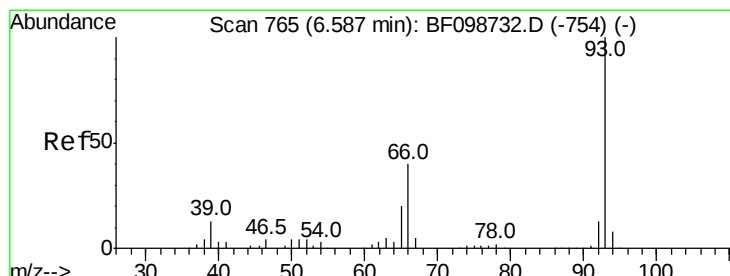
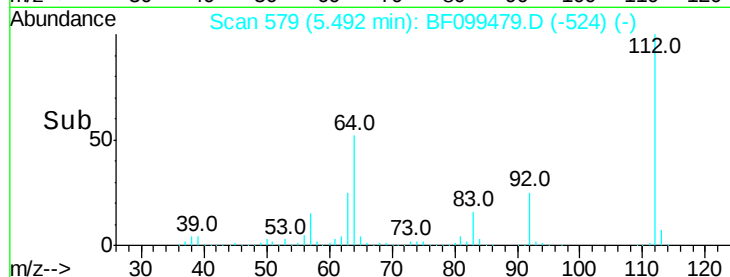
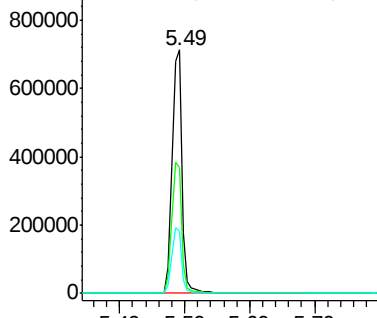
63 25.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.011 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

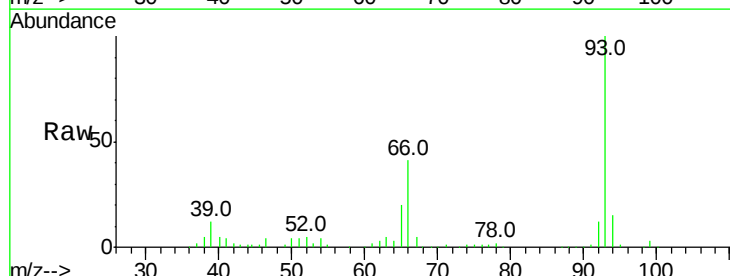
Tgt Ion: 93 Resp: 166841

Ion Ratio Lower Upper

93 100

66 40.6 32.2 48.2

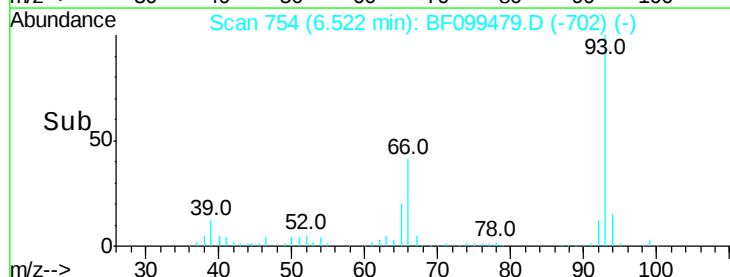
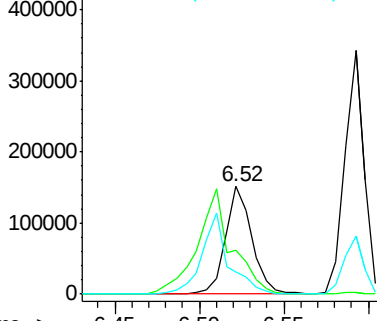
65 20.3 16.4 24.6

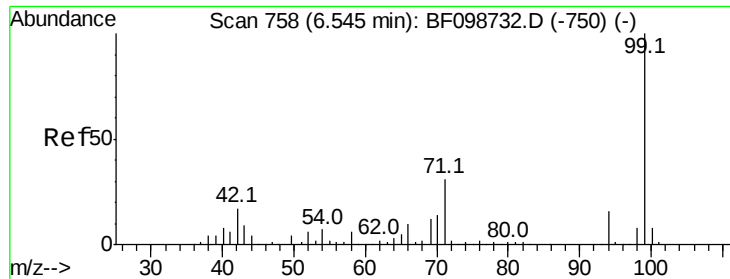


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.577 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampled :

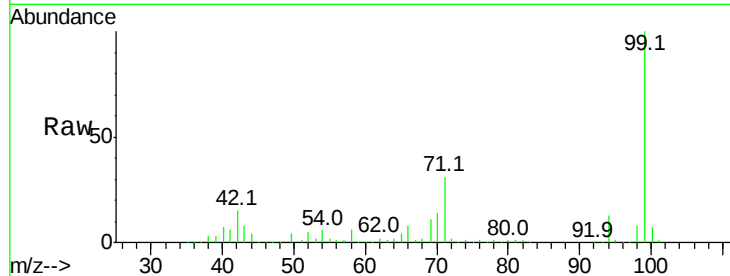
Tot Ion: 99 Resp: 907793

Ion Ratio Lower Upper

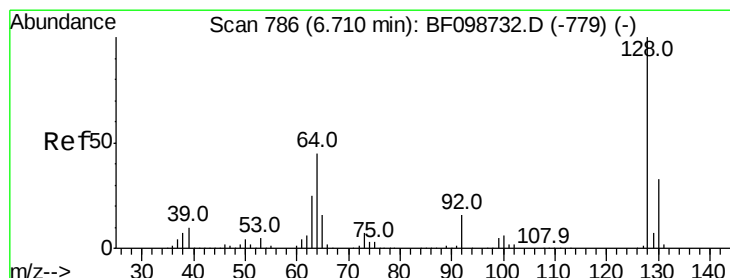
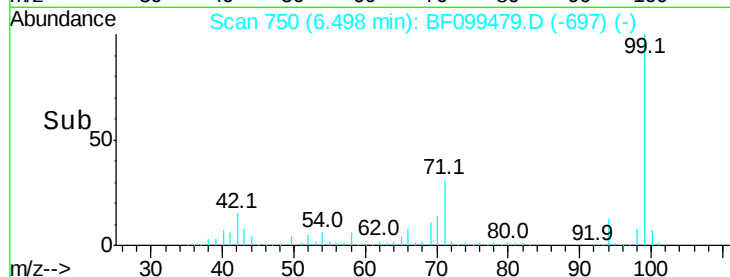
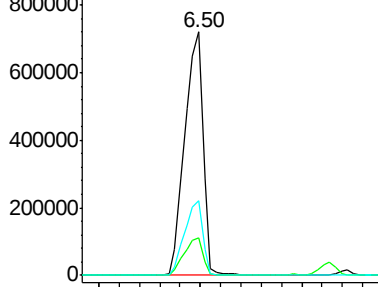
99 100

42 15.4 14.5 21.7

71 30.6 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: 42.040 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

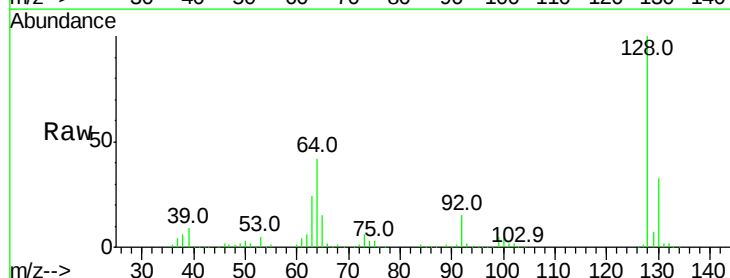
Tgt Ion:128 Resp: 297969

Ion Ratio Lower Upper

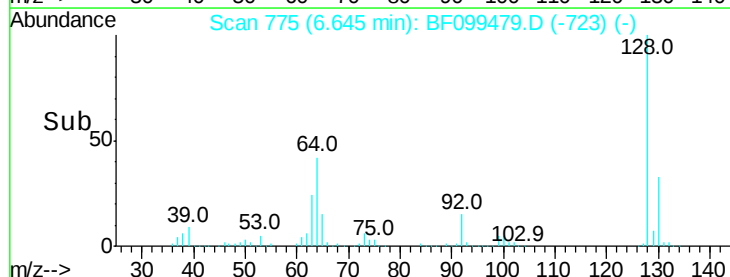
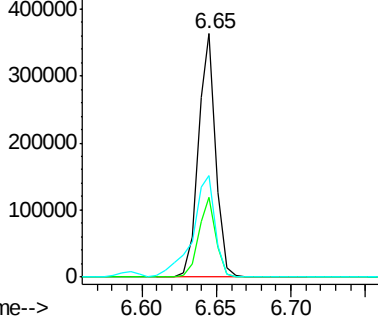
128 100

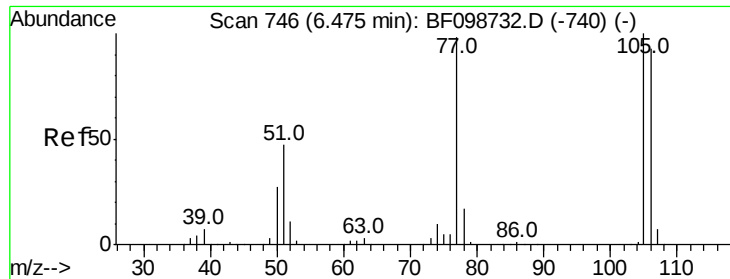
130 32.9 13.0 53.0

64 41.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 22.627 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

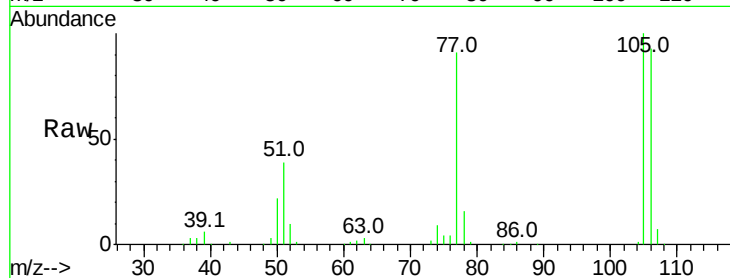
Tot Ion: 77 Resp: 101340

Ion Ratio Lower Upper

77 100

105 110.5 81.1 121.1

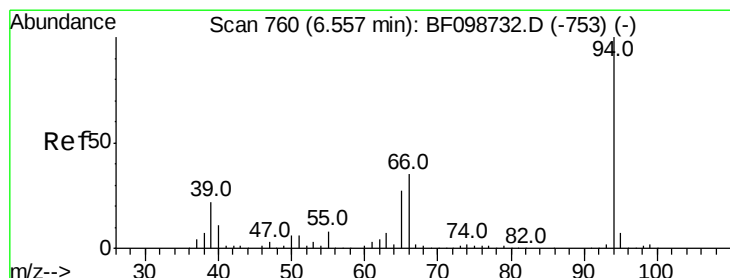
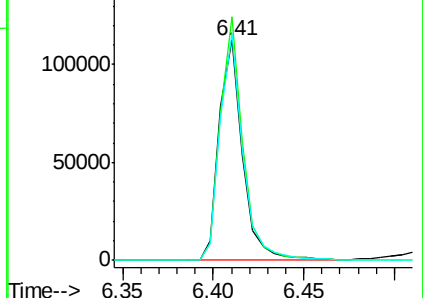
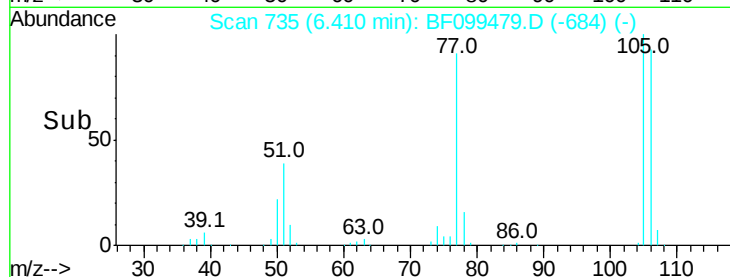
106 103.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.034 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

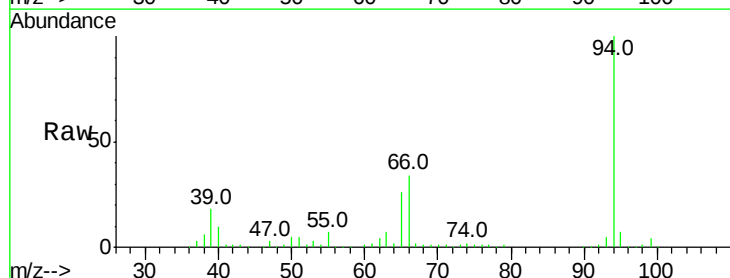
Tgt Ion: 94 Resp: 354324

Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

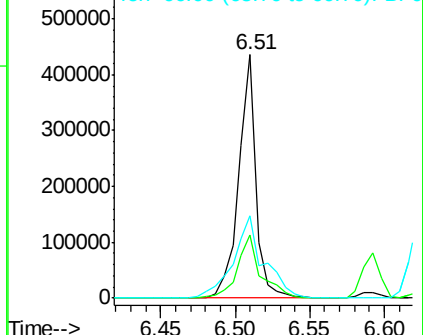
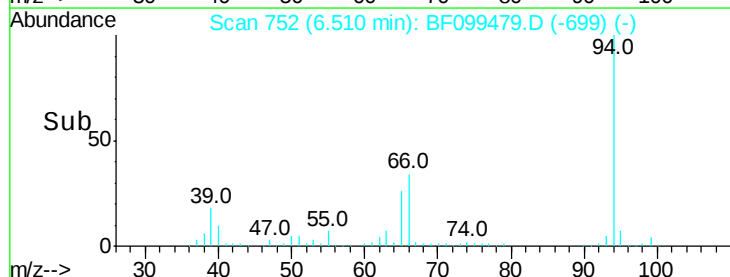
66 34.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.666 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

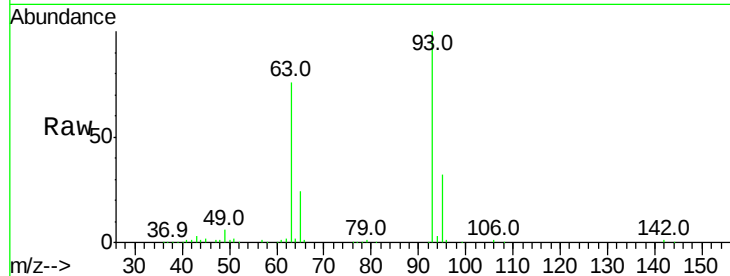
Tot Ion: 93 Resp: 272982

Ion Ratio Lower Upper

93 100

63 75.5 58.6 98.6

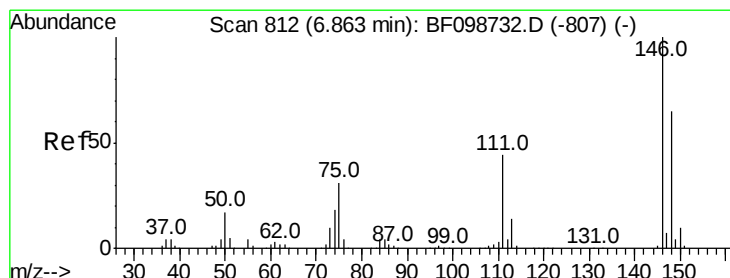
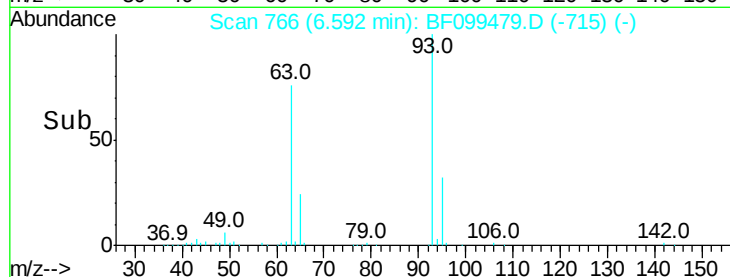
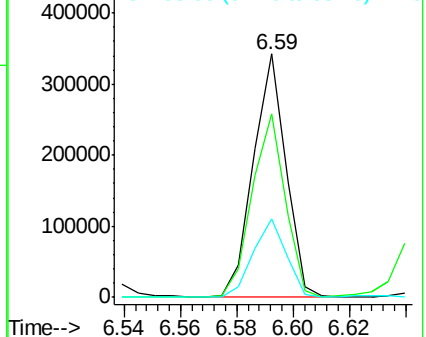
95 32.0 11.8 51.8



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: 42.674 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

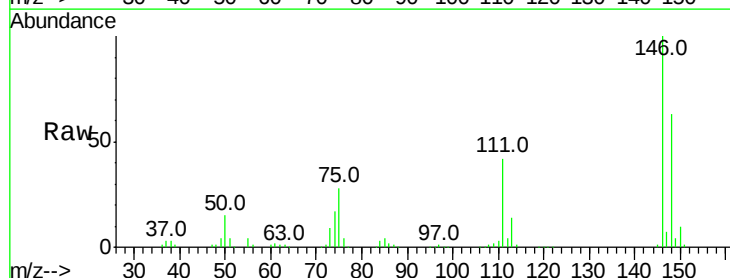
Tgt Ion: 146 Resp: 316761

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

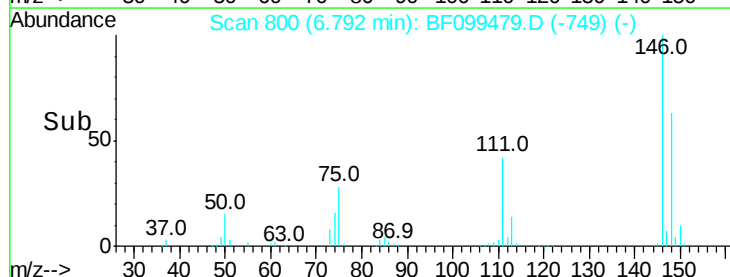
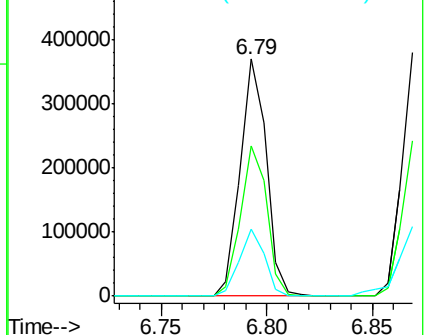
75 28.4 24.2 36.4

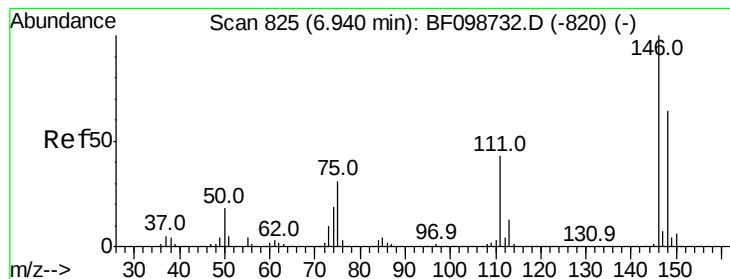


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.386 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampled :

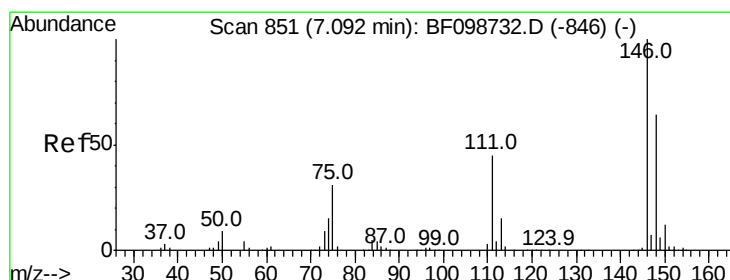
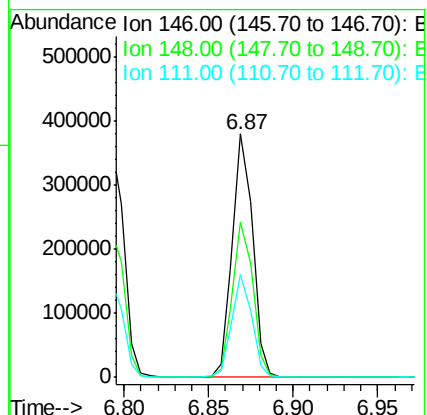
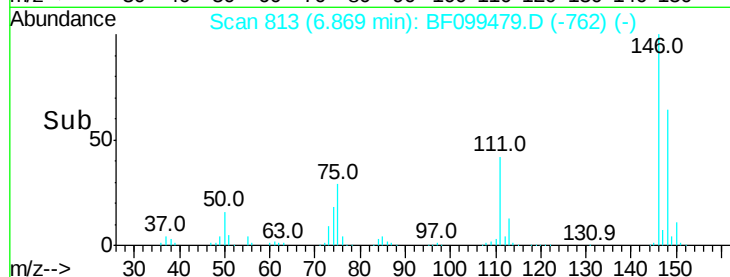
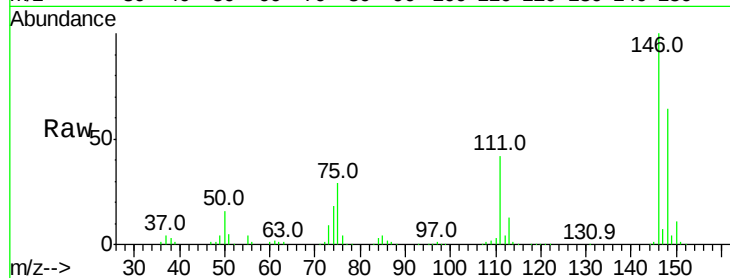
Tot Ion:146 Resp: 320113

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

111 42.2 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 42.468 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

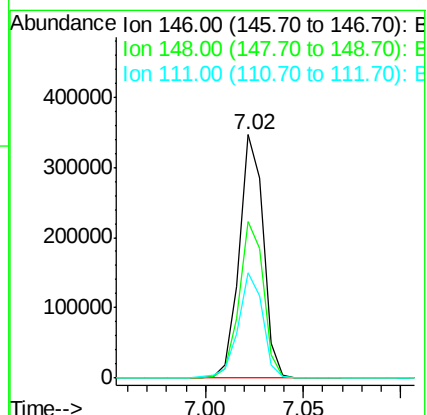
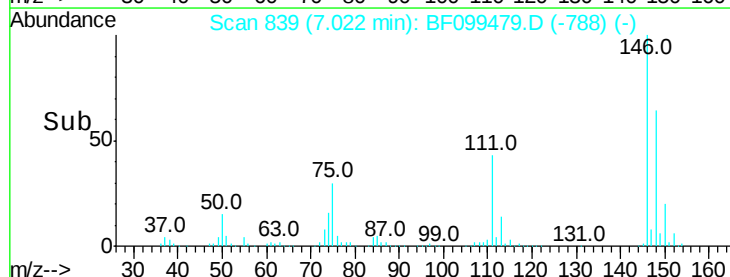
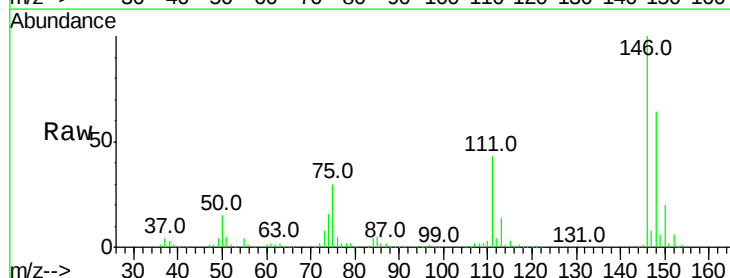
Tgt Ion:146 Resp: 296354

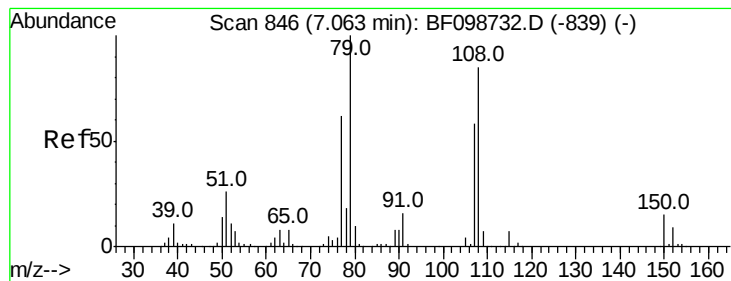
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

111 43.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.460 ng

RT: 7.00 min Scan# 835

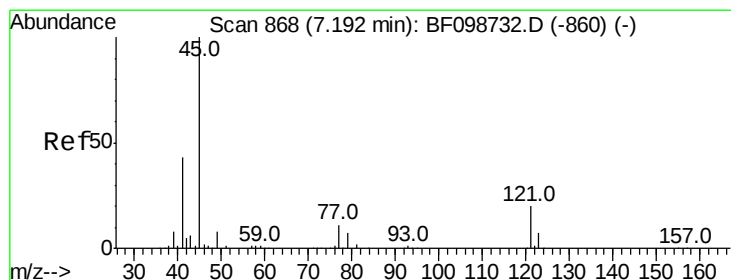
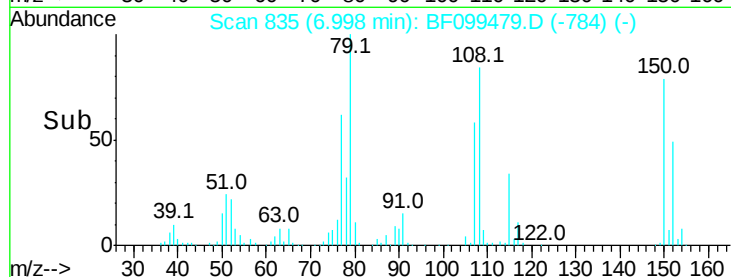
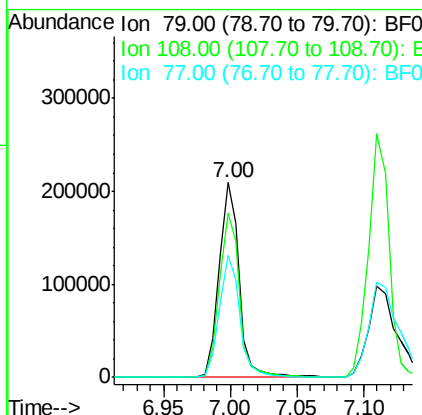
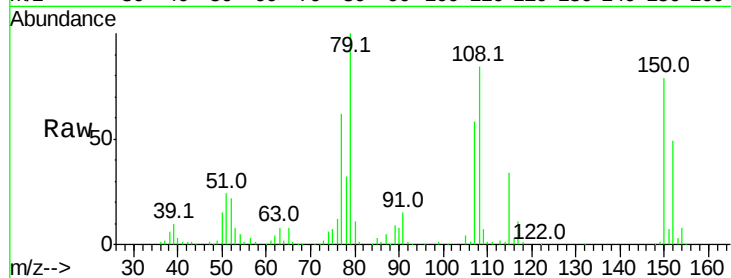
Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	223503
Ion	Ratio	Lower	Upper
79	100		
108	84.5	65.1	97.7
77	62.4	50.6	75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.737 ng

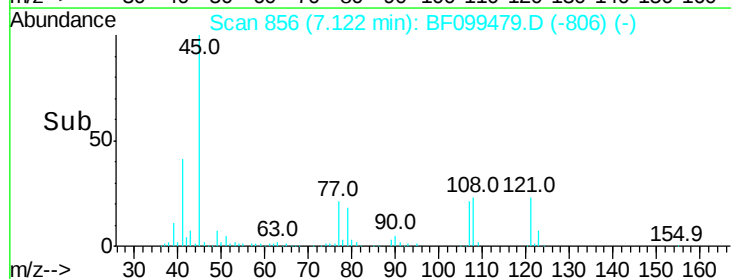
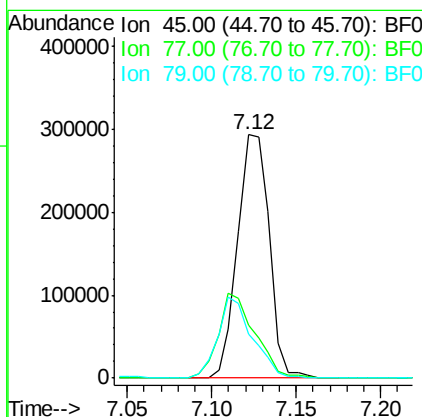
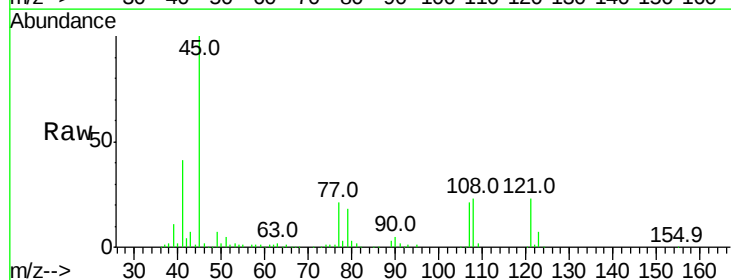
RT: 7.12 min Scan# 856

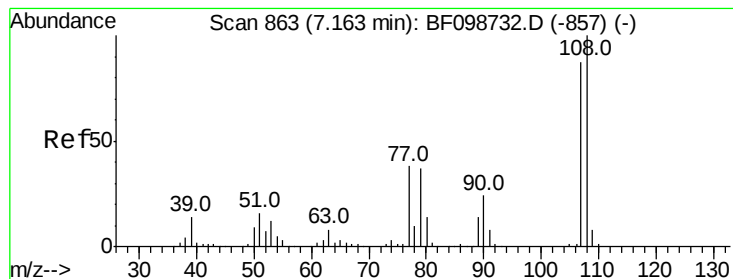
Delta R.T. -0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:	45	Resp:	384215
Ion	Ratio	Lower	Upper
45	100		
77	21.5	0.0	32.9
79	18.1	0.0	29.6

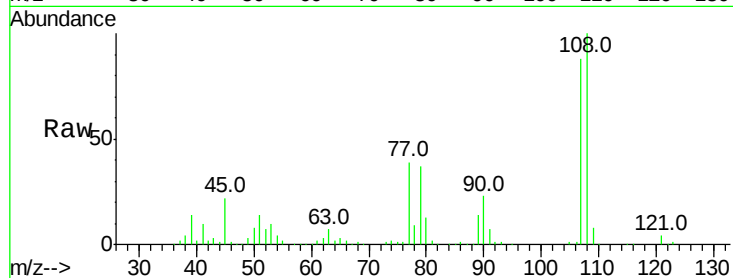




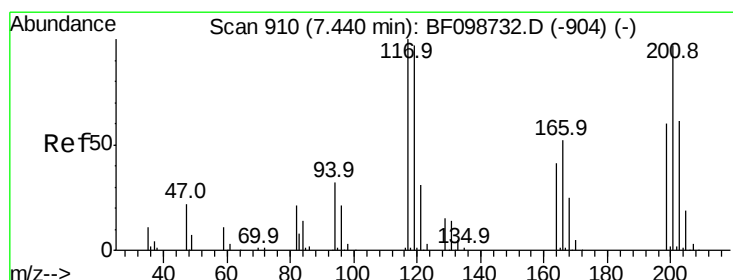
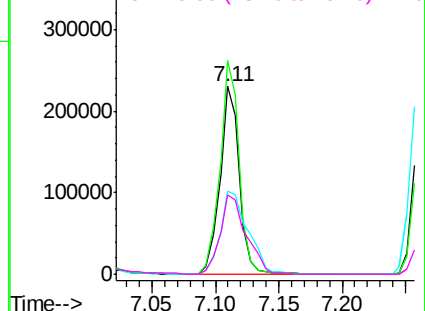
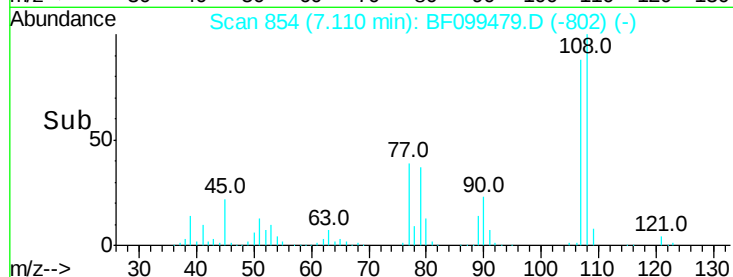
#17
2-Methylphenol
Concen: 42.502 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 246486
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 44.3 33.8 50.8
79 42.6 33.8 50.8

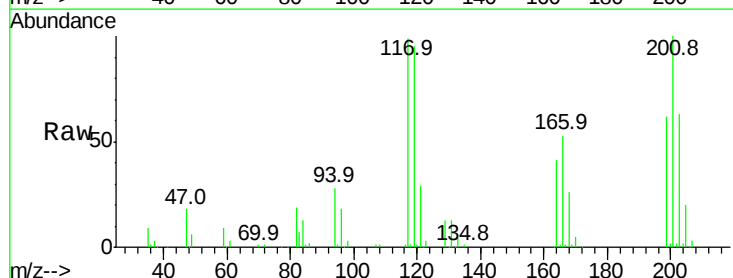


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

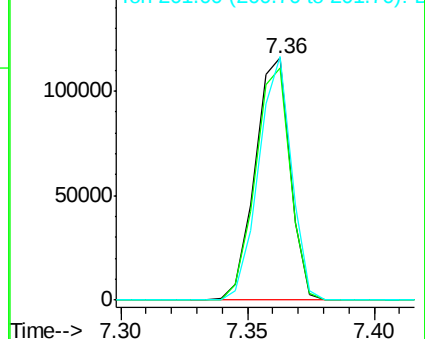
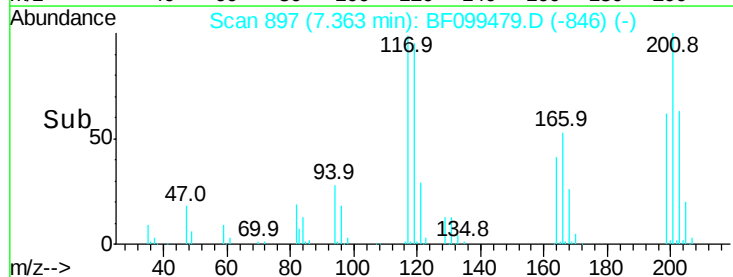


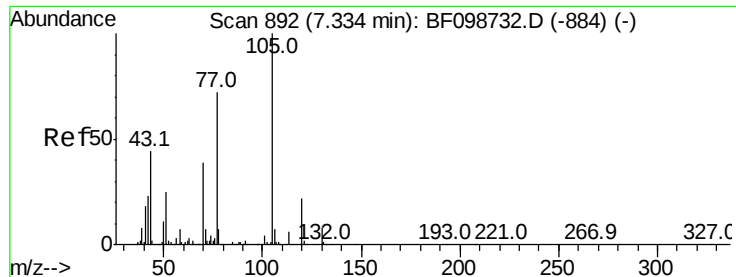
#18
Hexachloroethane
Concen: 41.172 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:117 Resp: 111765
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 100.6 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

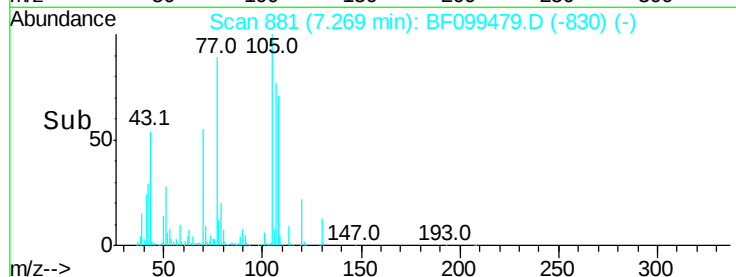
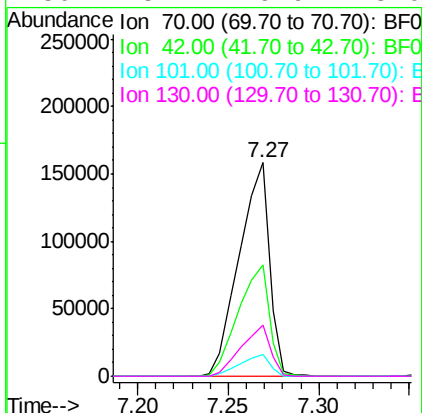
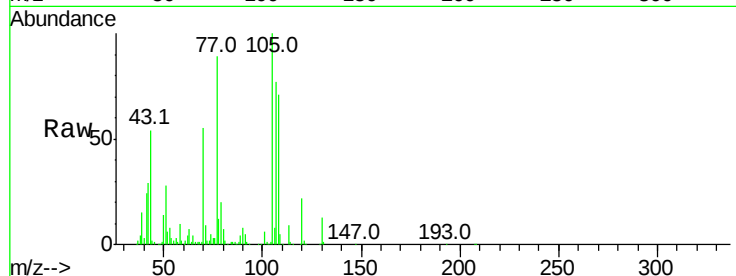




#19
n-Nitroso-di-n-propylamine
Concen: 37.383 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

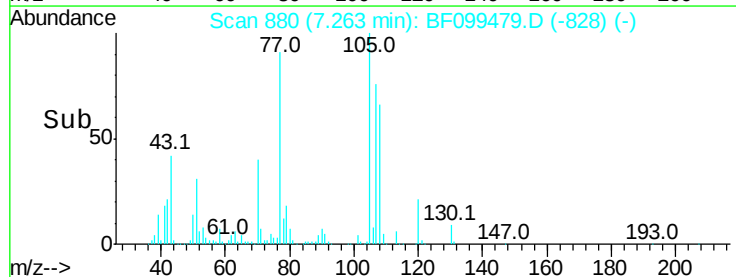
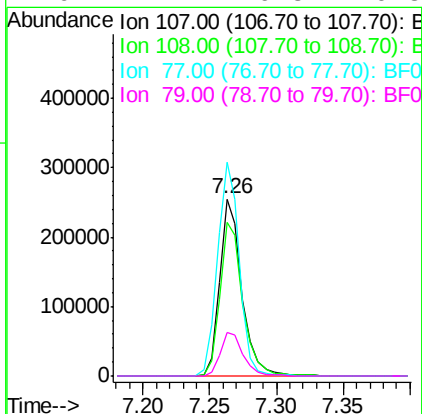
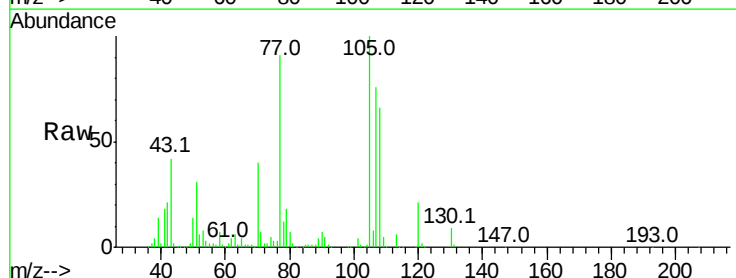
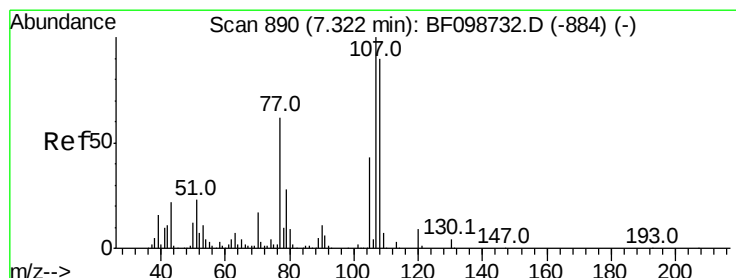
Instrument :
BNA_F
ClientSampled :

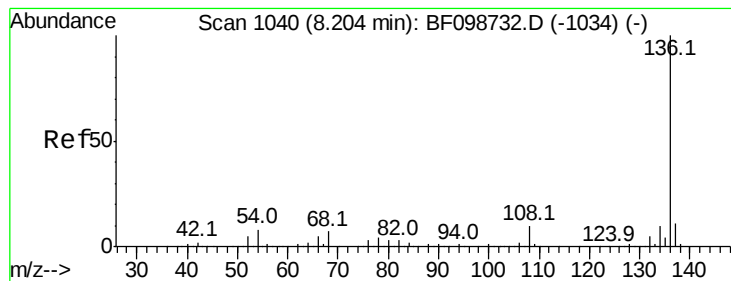
Tot Ion:	70	Resp:	184276
Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	10.2	7.4	11.2
130	23.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.544 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:	107	Resp:	297457
Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.2	108.2
77	120.9	26.7	66.7#
79	24.4	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: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 410977

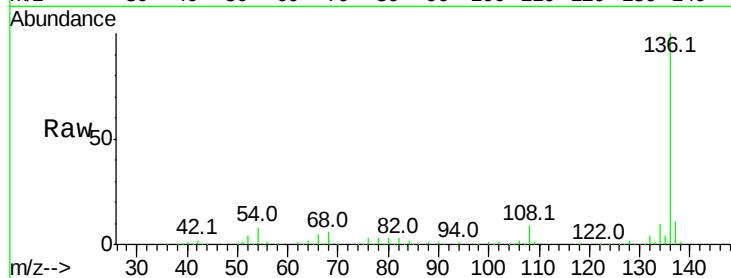
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.8 6.6 9.8

68 5.7 5.0 7.4

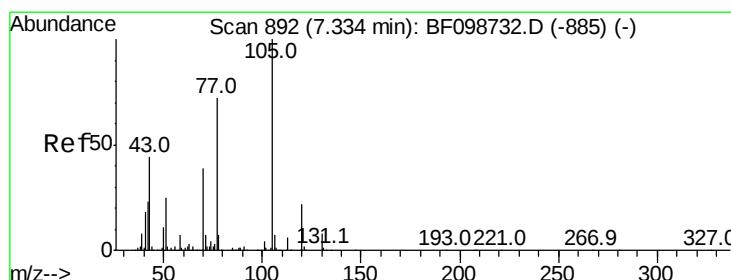
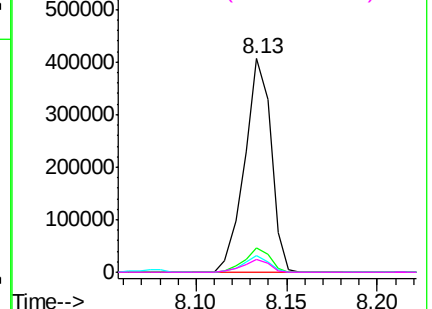
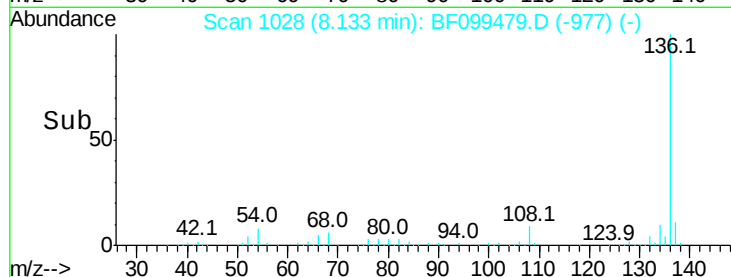


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.000 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:105 Resp: 388334

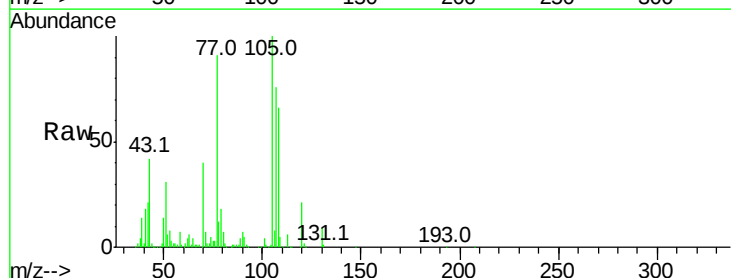
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 31.0 22.3 33.5

120 21.1 16.9 25.3

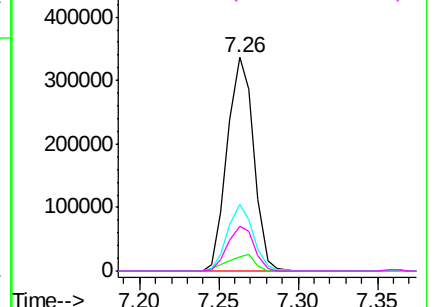
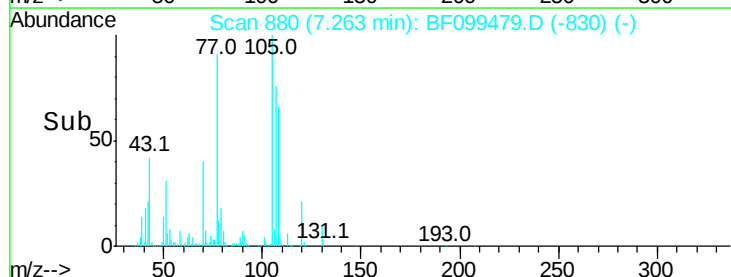


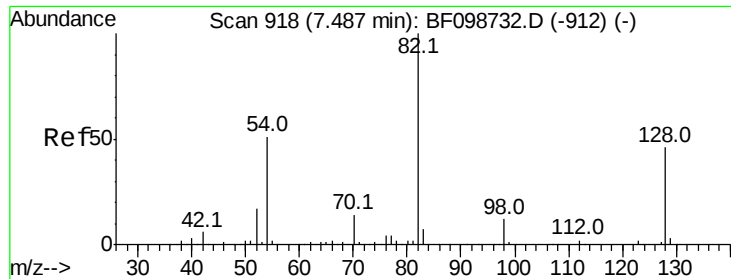
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.038 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

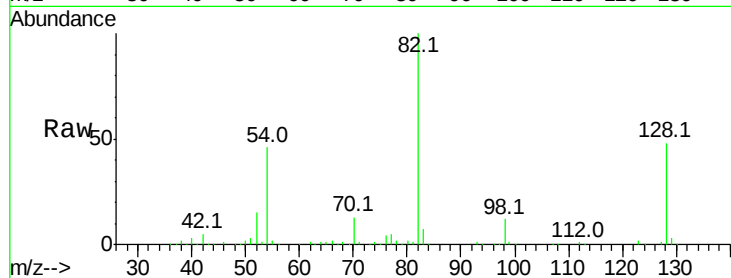
Tot Ion: 82 Resp: 544962

Ion Ratio Lower Upper

82 100

128 47.7 36.1 54.1

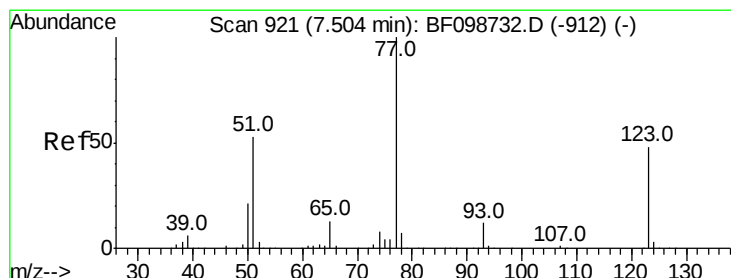
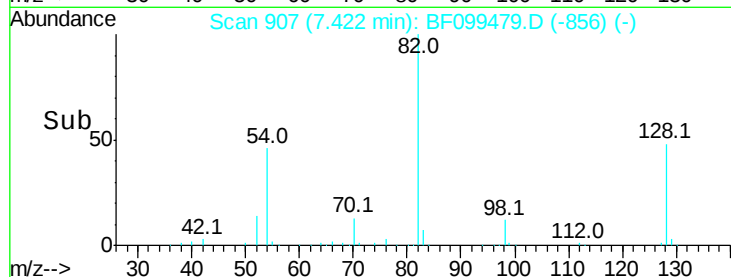
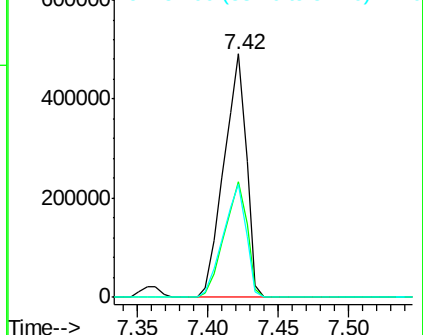
54 46.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.586 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

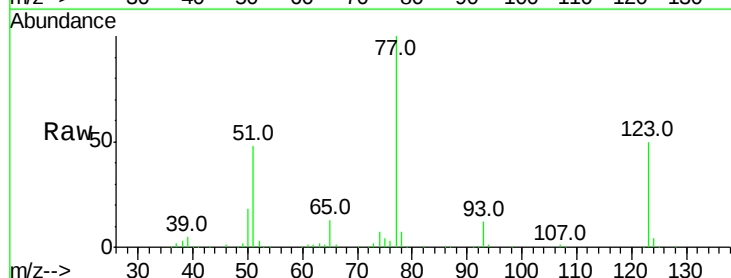
Tgt Ion: 77 Resp: 295045

Ion Ratio Lower Upper

77 100

123 50.1 37.9 56.9

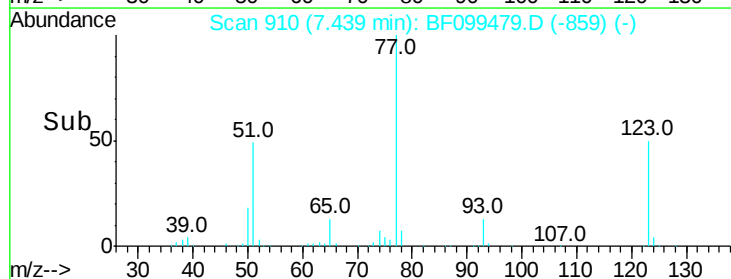
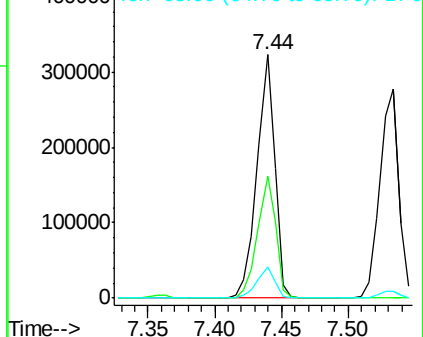
65 12.9 11.0 16.4

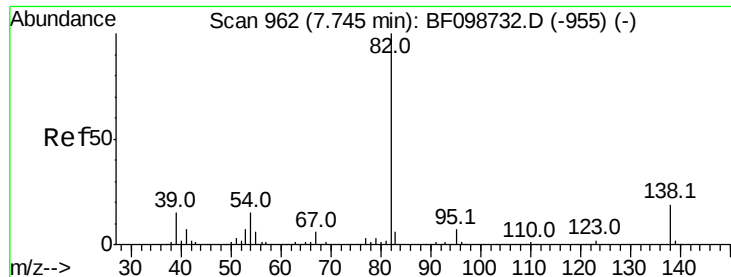


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.116 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

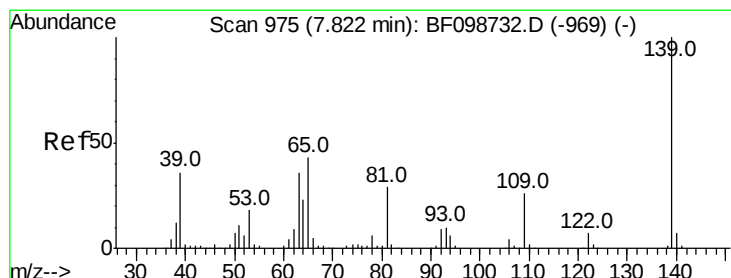
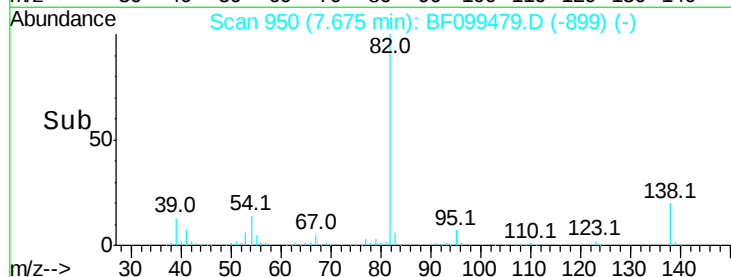
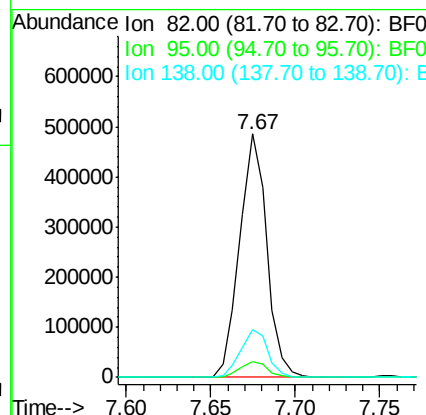
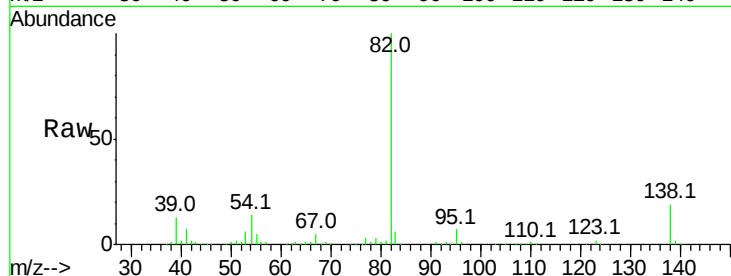
Tot Ion: 82 Resp: 544765

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 47.858 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

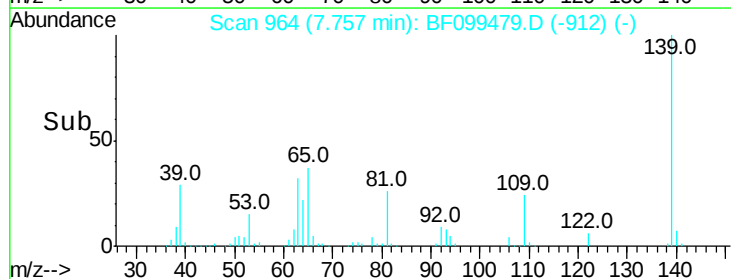
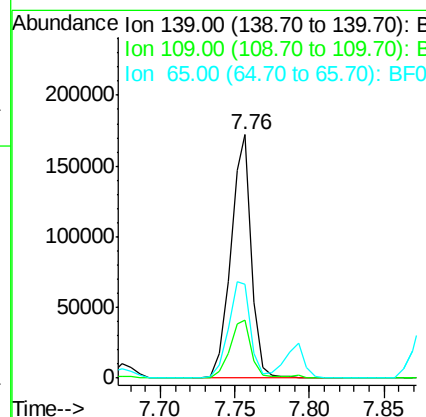
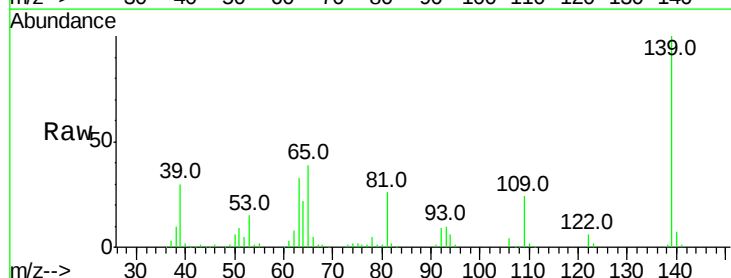
Tgt Ion:139 Resp: 167302

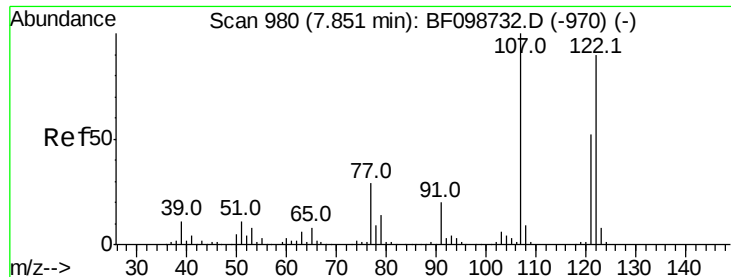
Ion Ratio Lower Upper

139 100

109 23.9 22.7 34.1

65 38.7 40.5 60.7#

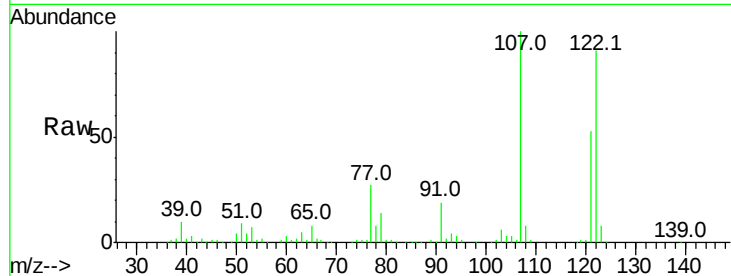




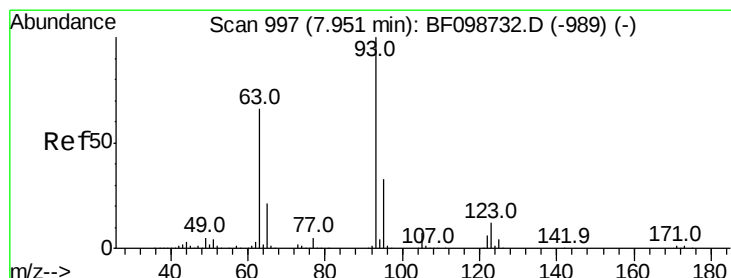
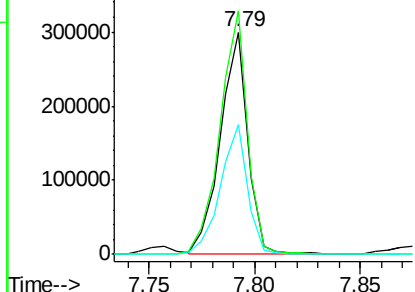
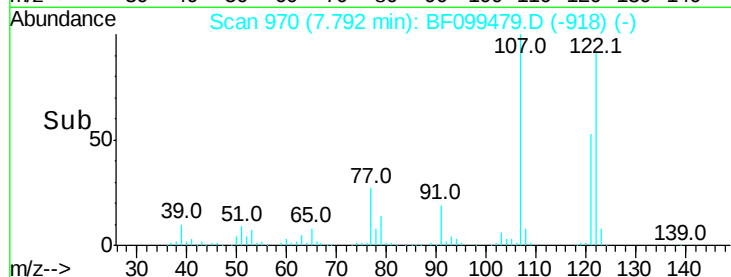
#27
2,4-Dimethylphenol
Concen: 40.713 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 268781
Ion Ratio Lower Upper
122 100
107 109.4 91.2 136.8
121 58.0 47.2 70.8

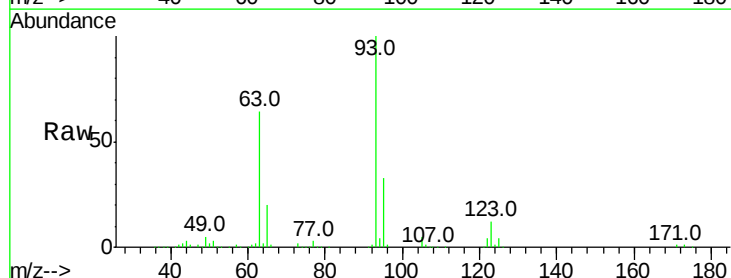


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

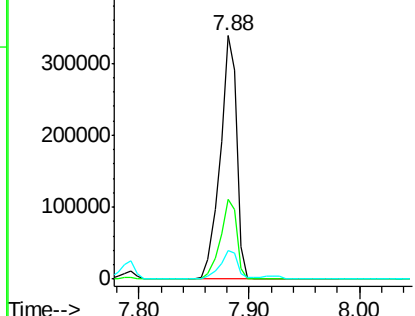
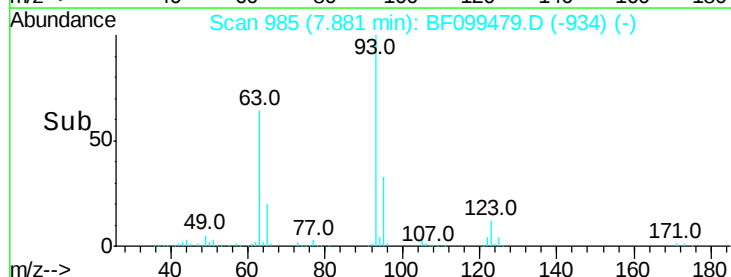


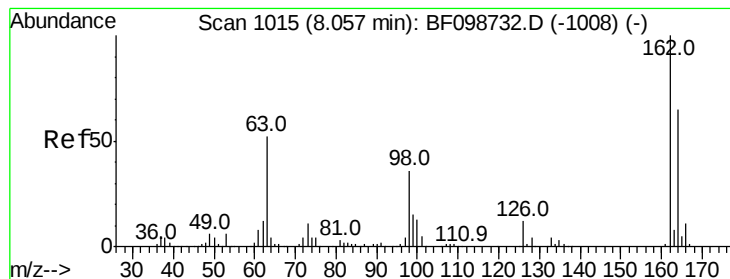
#28
bis(2-Chloroethoxy)methane
Concen: 42.851 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion: 93 Resp: 353822
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.5 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: 44.399 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

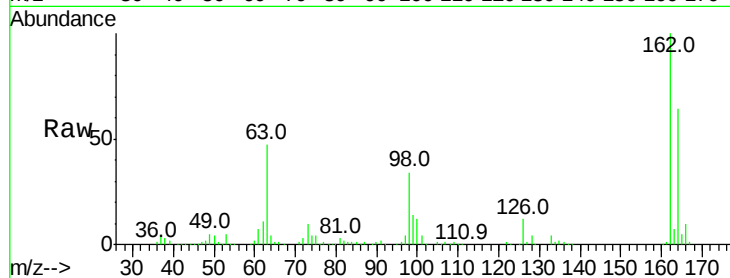
Tot Ion:162 Resp: 251663

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

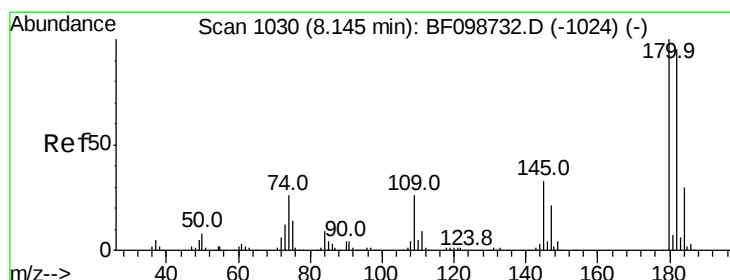
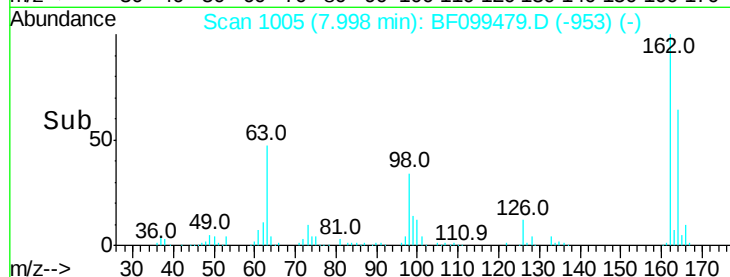
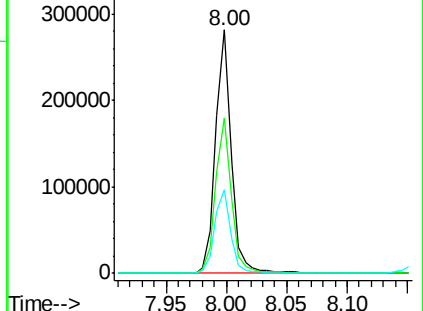
98 34.1 18.1 58.1



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: 44.349 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

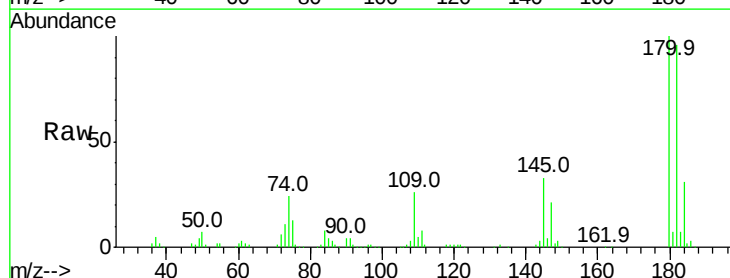
Tgt Ion:180 Resp: 251419

Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

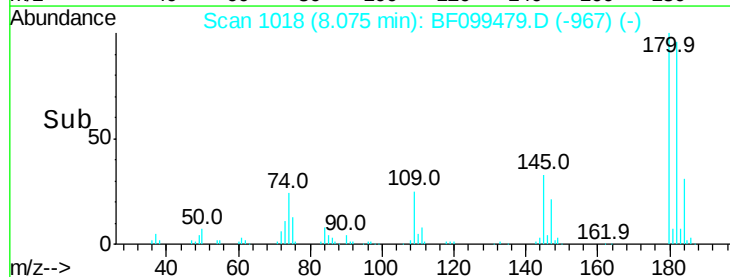
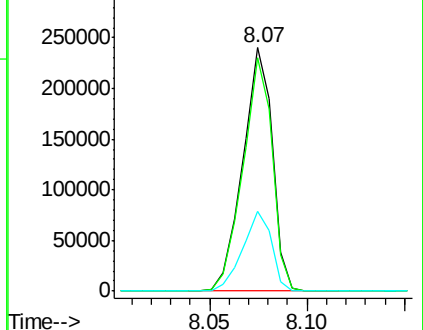
145 32.8 26.5 39.7

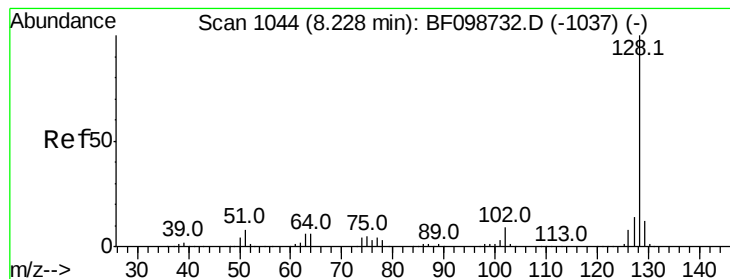


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.946 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

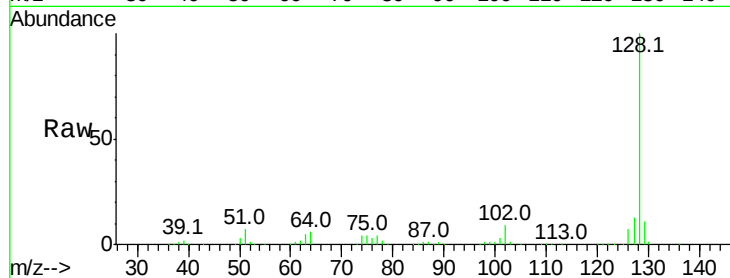
Tot Ion:128 Resp: 848244

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

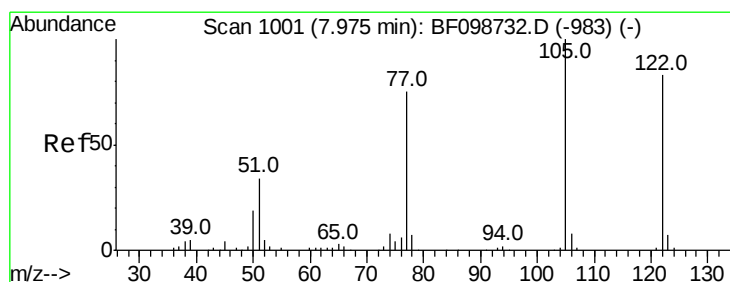
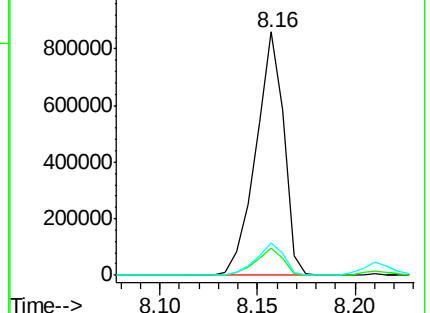
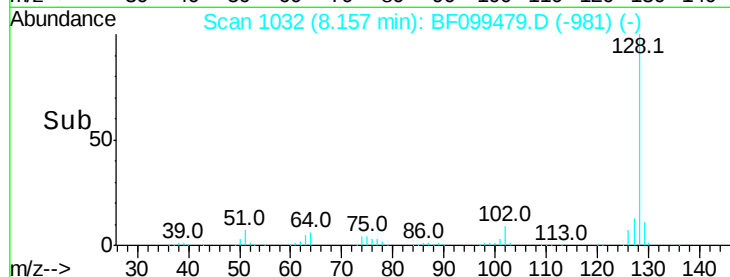
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.032 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

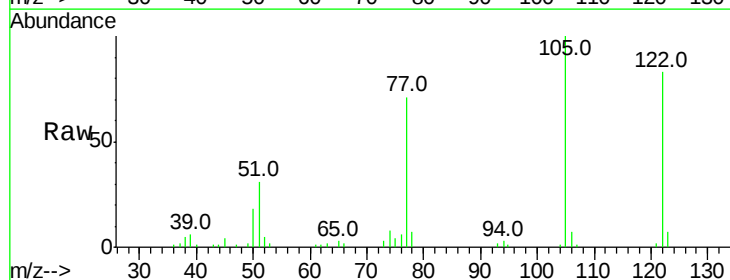
Tgt Ion:122 Resp: 124898

Ion Ratio Lower Upper

122 100

105 120.7 101.1 141.1

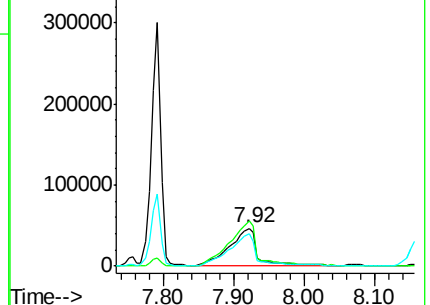
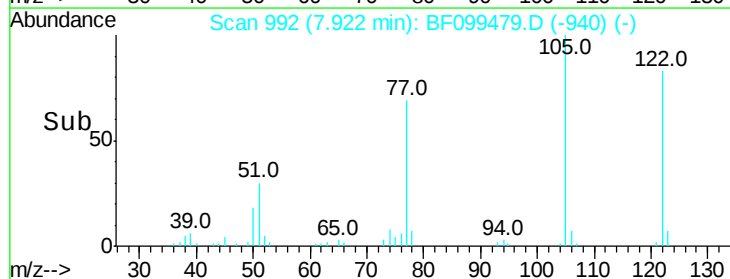
77 86.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

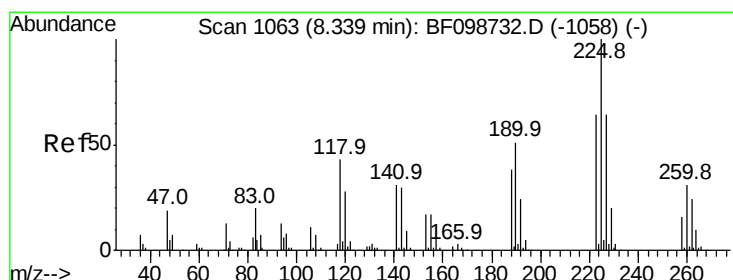
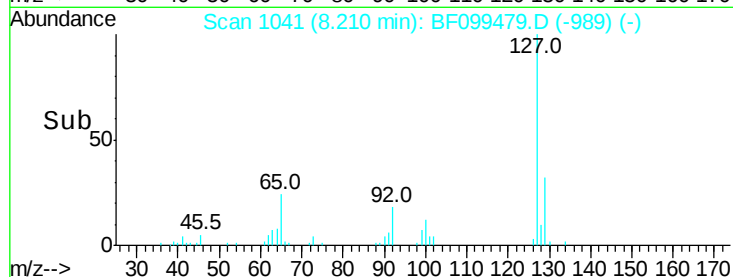
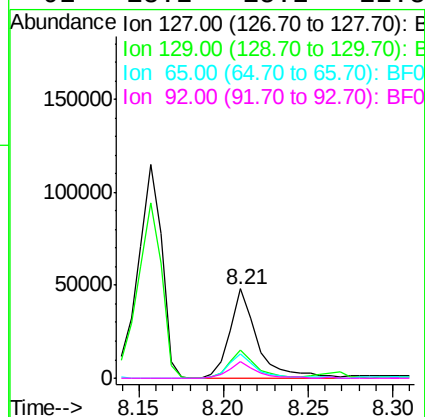
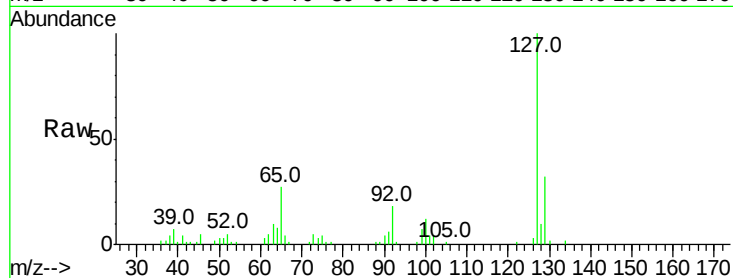




#33
4-Chloroaniline
Concen: 6.833 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

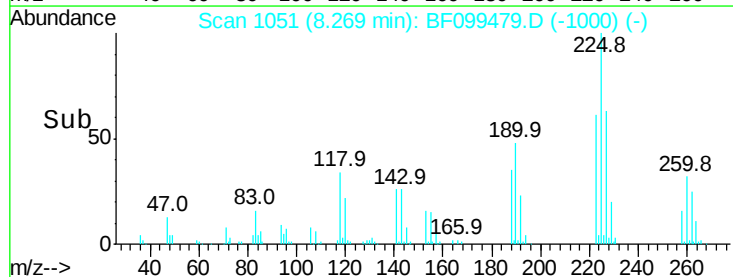
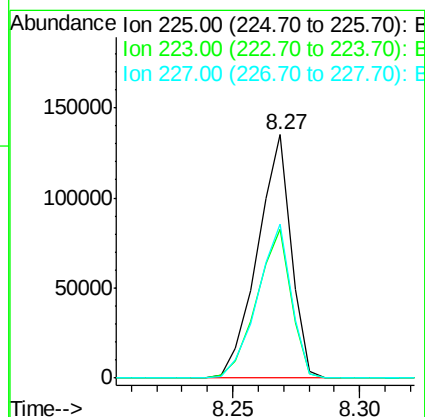
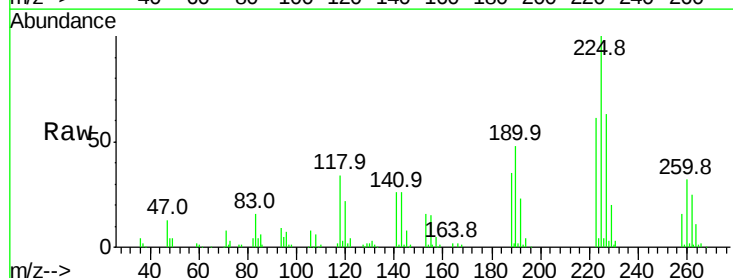
Instrument :
BNA_F
ClientSampleId :

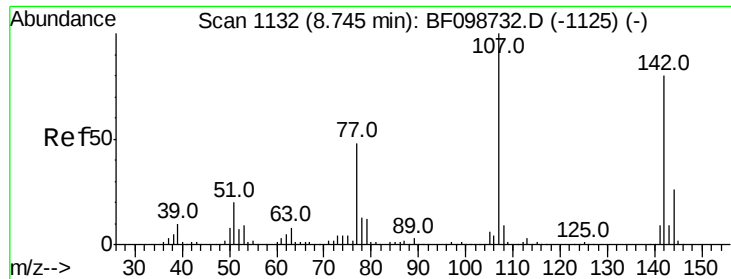
Tot Ion:	127	Resp:	55076
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	27.1	25.0	37.4
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.856 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:	225	Resp:	125138
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	63.3	51.9	77.9

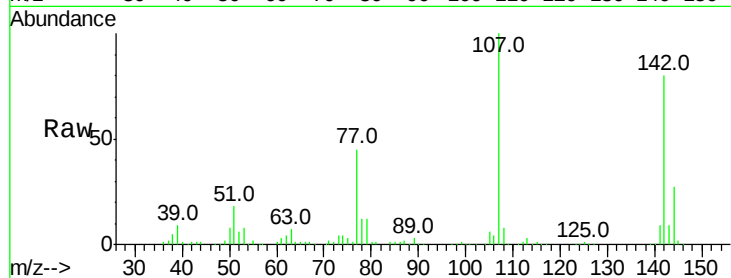




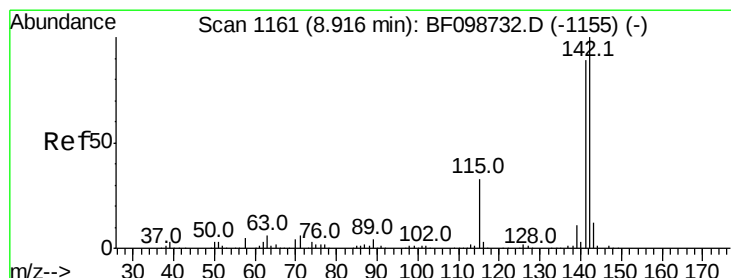
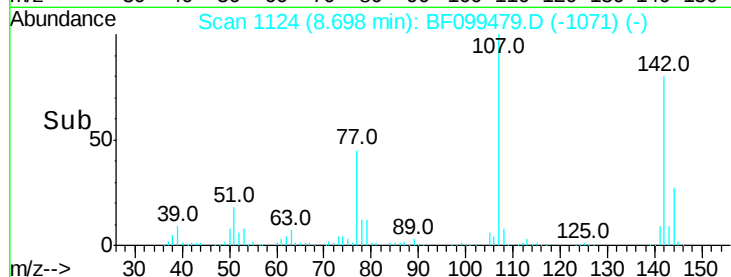
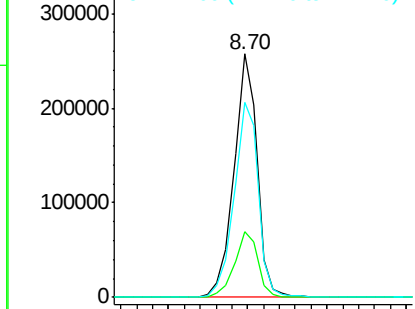
#36
 4-Chloro-3-methylphenol
 Concen: 41.045 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.5	30.7
142	80.3	62.0	93.0

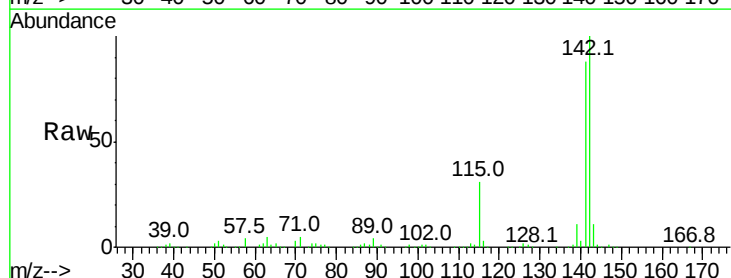


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

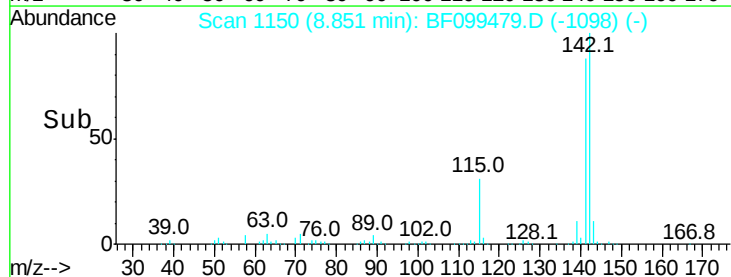
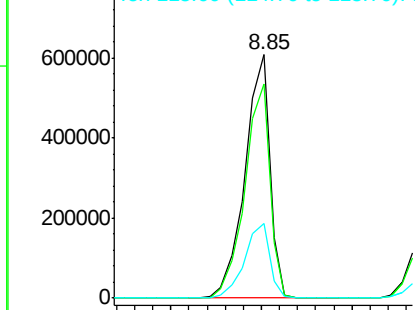


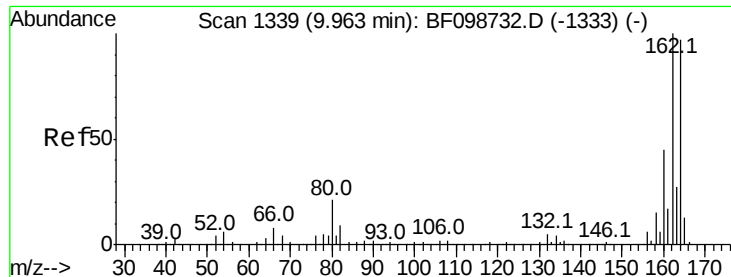
#37
 2-Methylnaphthalene
 Concen: 46.399 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2
115	30.8	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

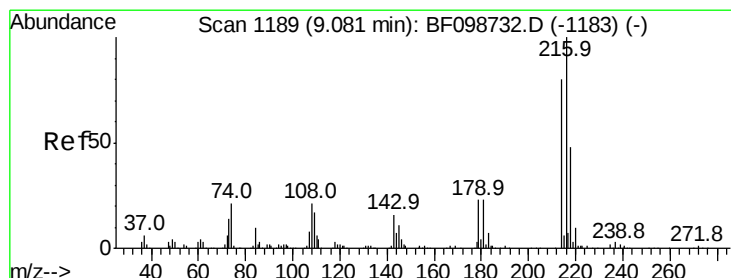
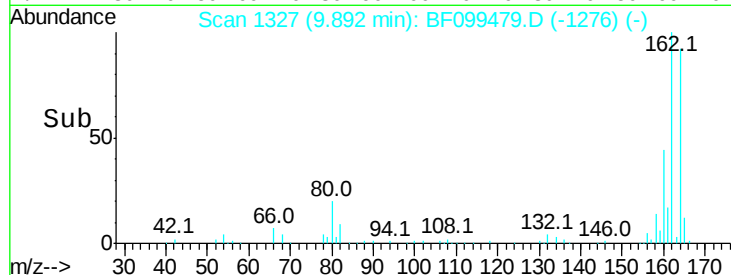
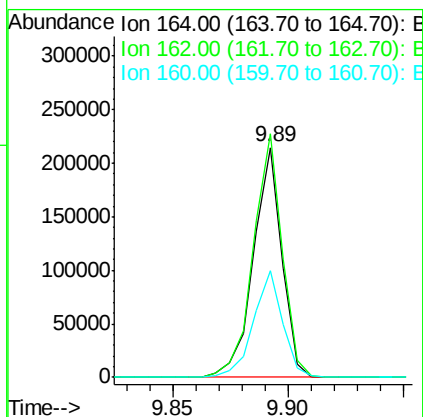
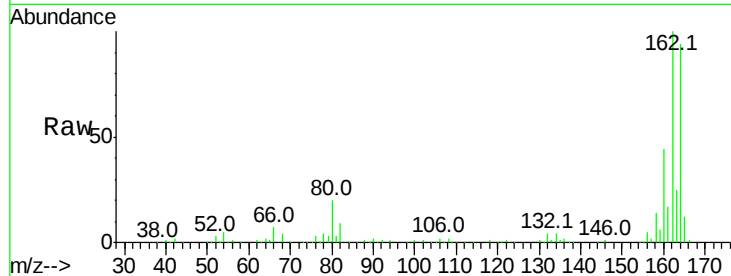




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

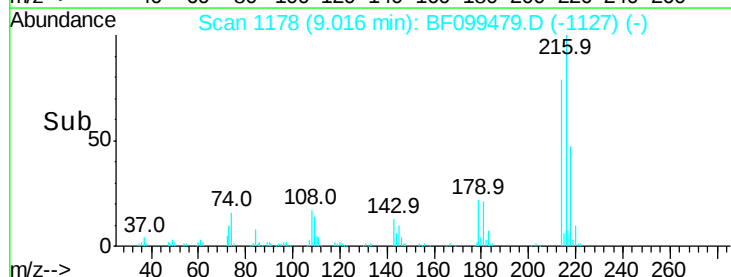
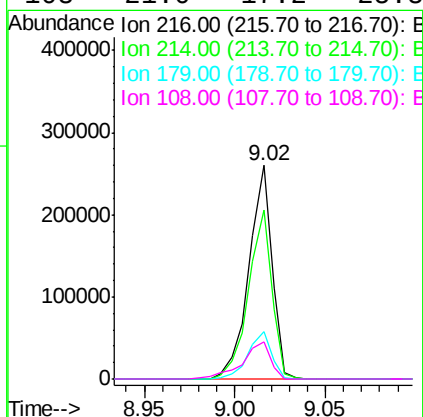
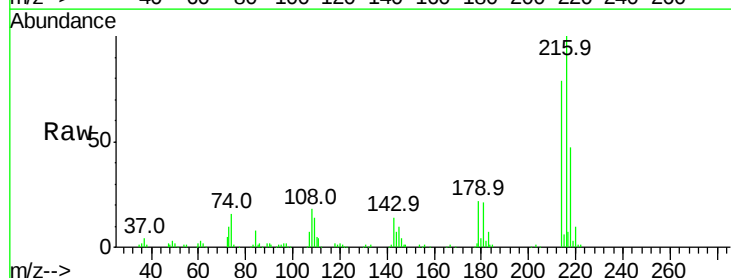
Instrument :
BNA_F
ClientSampleId :

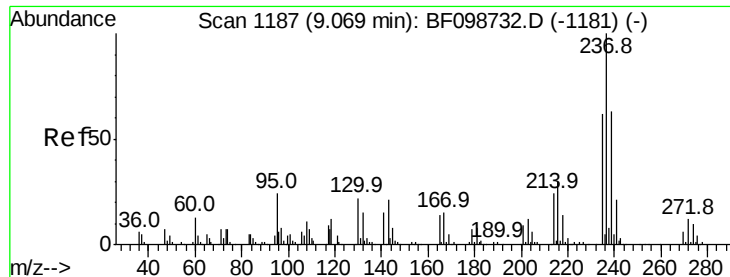
Tot Ion:164 Resp: 185272
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 46.5 38.3 57.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.907 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:216 Resp: 231552
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.4
179 22.4 18.1 27.1
108 21.0 17.2 25.8

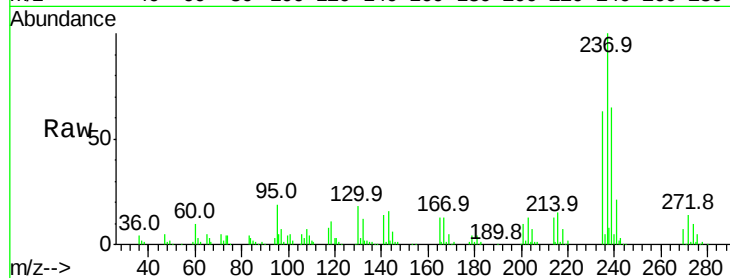




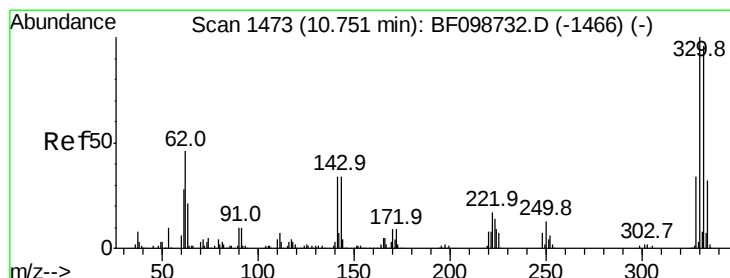
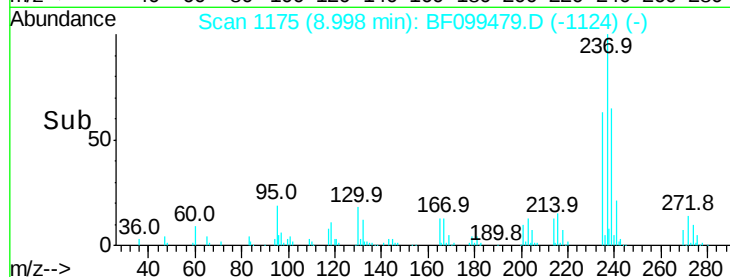
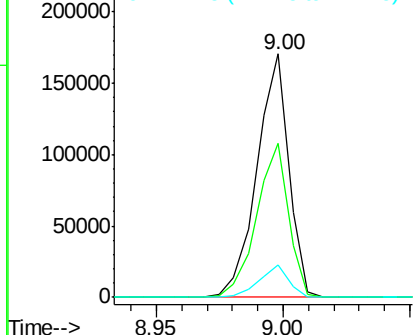
#40
Hexachlorocyclopentadiene
Concen: 59.360 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 149887
Ion Ratio Lower Upper
237 100
235 63.3 44.8 84.8
272 13.5 0.0 33.3

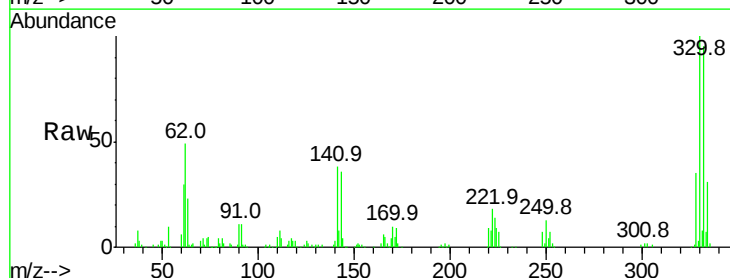


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

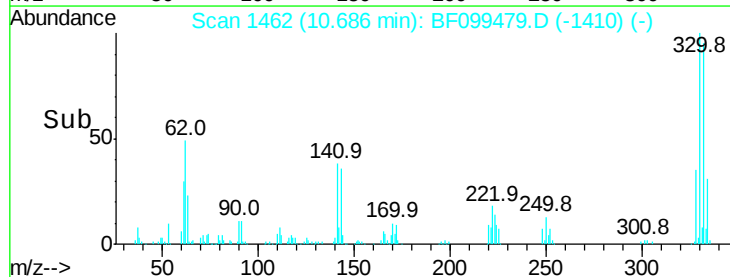
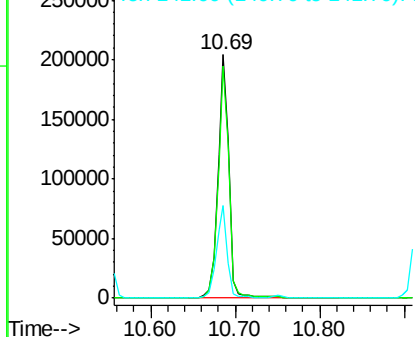


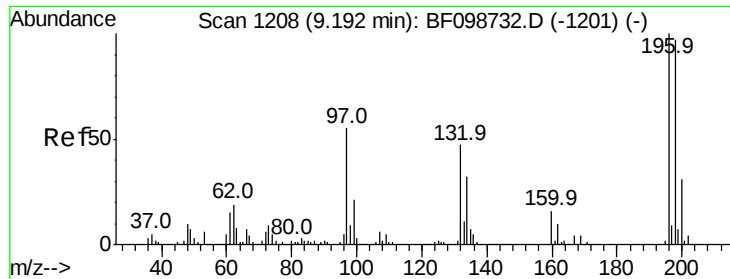
#41
2,4,6-Tribromophenol
Concen: 125.621 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:330 Resp: 190445
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 37.8 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

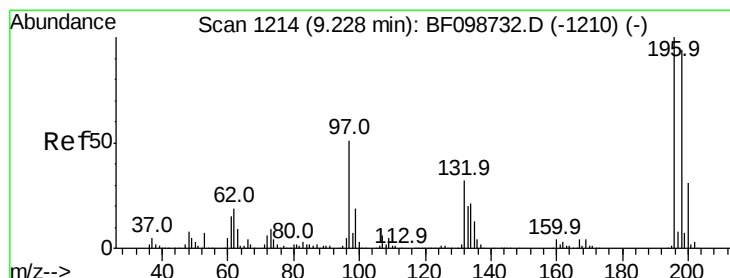
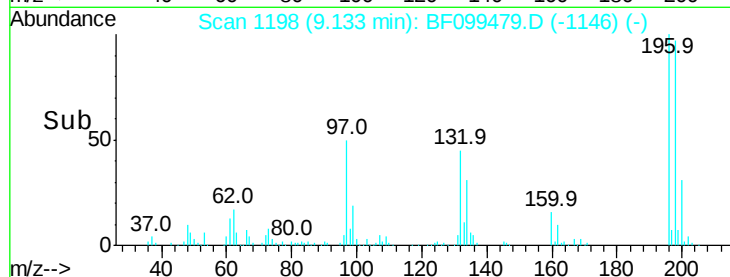
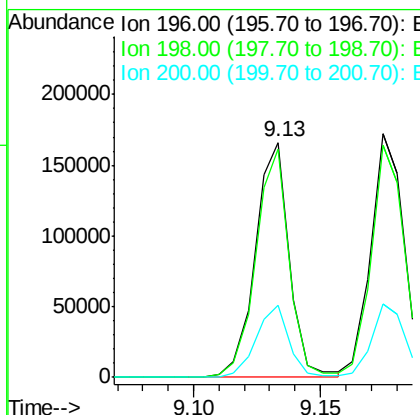
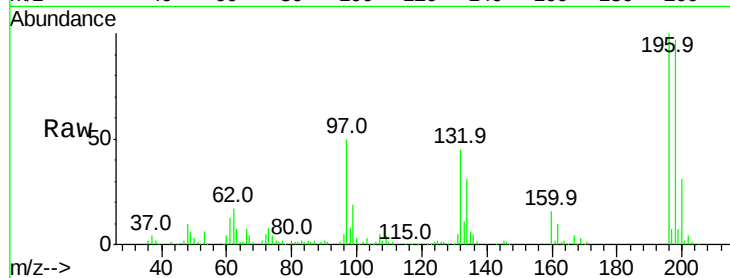




#42
 2,4,6-Trichlorophenol
 Concen: 39.681 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

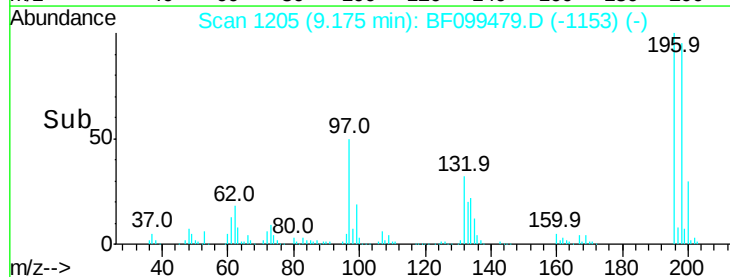
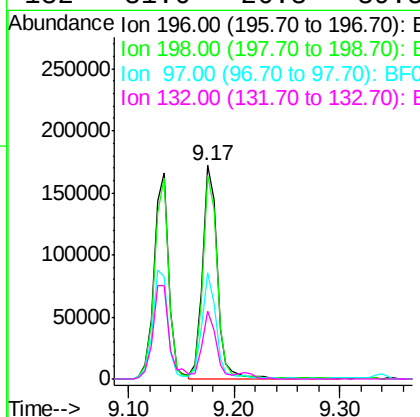
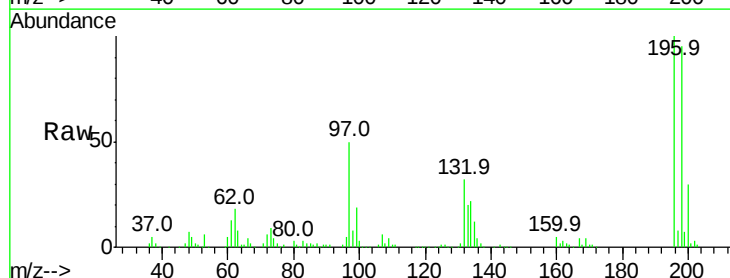
Instrument :
 BNA_F
 ClientSampled :

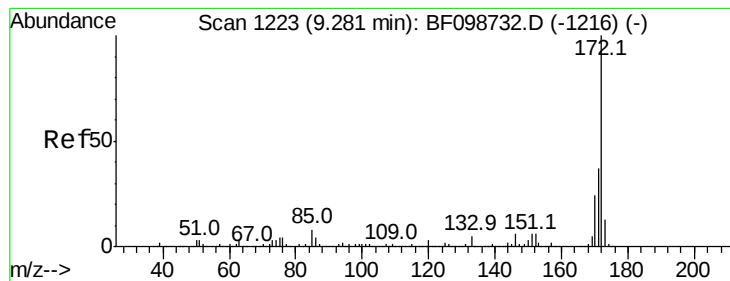
Tot Ion:196 Resp: 155326
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 200 30.6 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 42.425 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion:196 Resp: 165773
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 112.0
 97 49.7 42.9 64.3
 132 31.6 26.3 39.5





#44

2-Fluorobiphenyl

Concen: 94.102 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

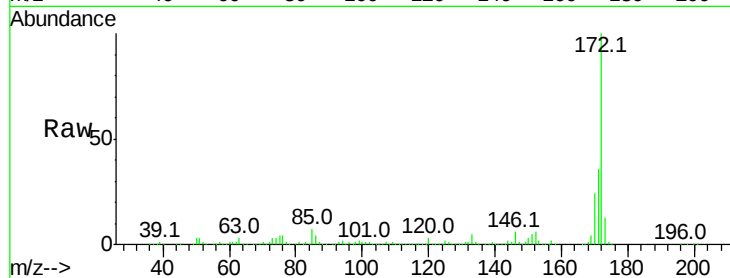
Tot Ion:172 Resp: 1044347

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

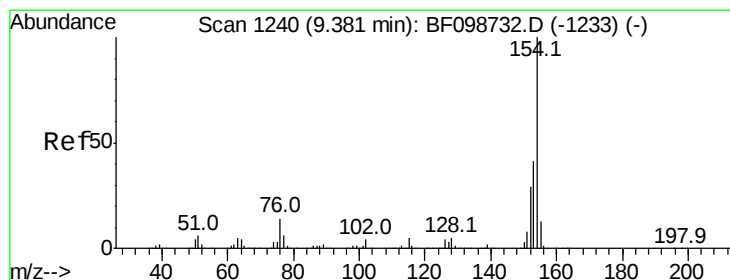
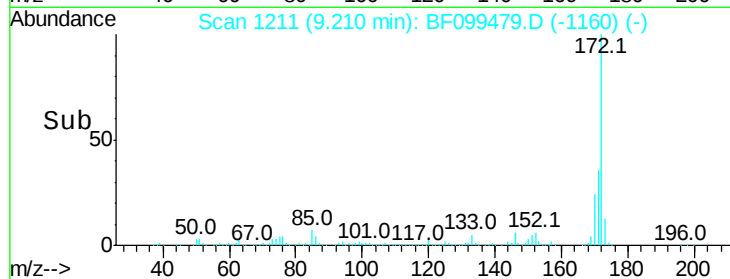
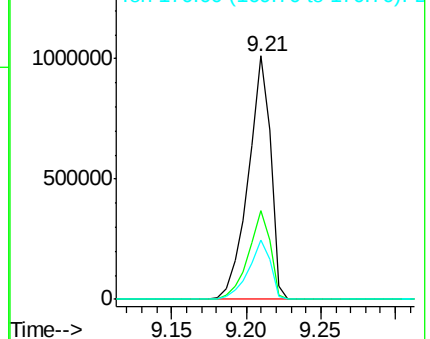
170 24.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 42.782 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

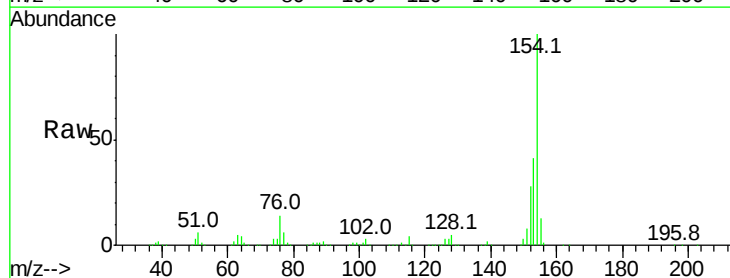
Tgt Ion:154 Resp: 681215

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

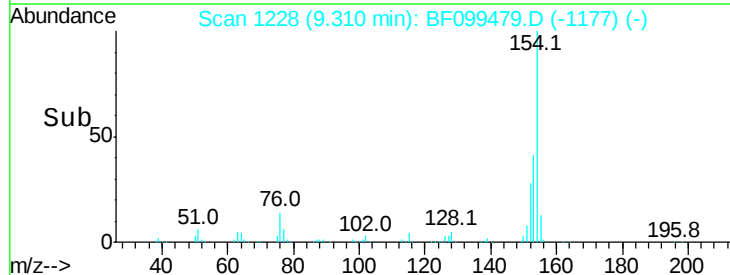
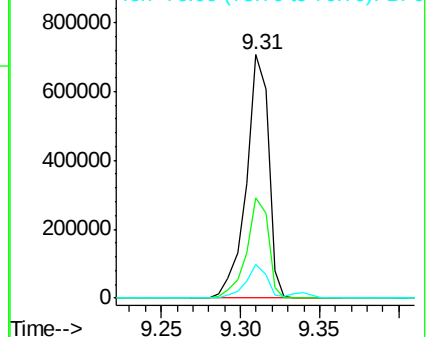
76 13.8 0.0 34.0

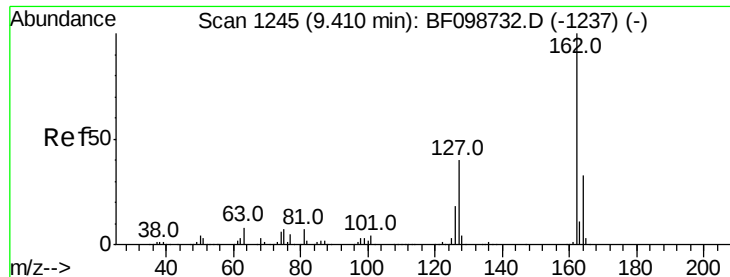


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

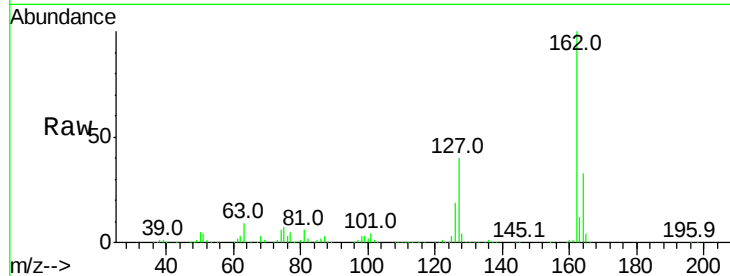




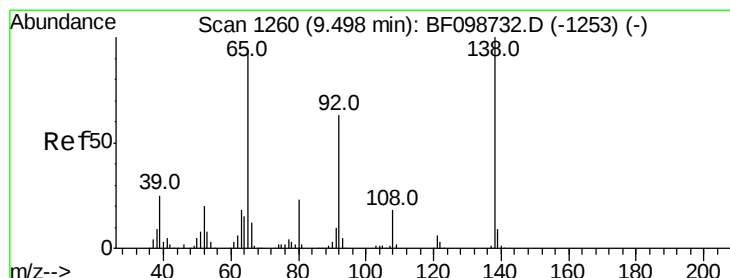
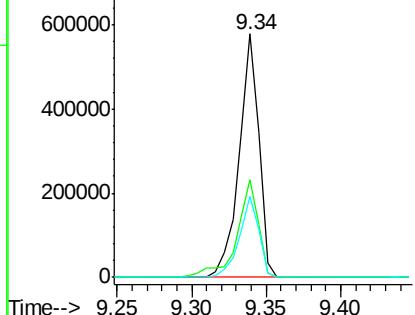
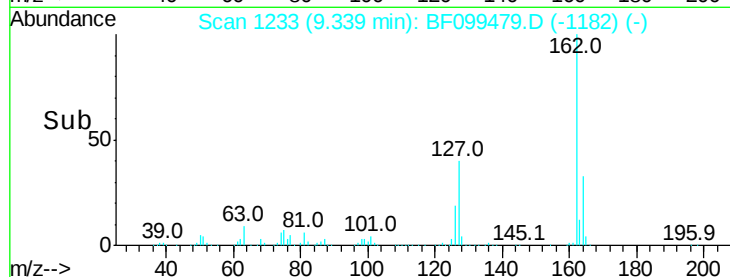
#46
 2-Chloronaphthalene
 Concen: 44.547 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	532579
Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	33.2	26.5	39.7

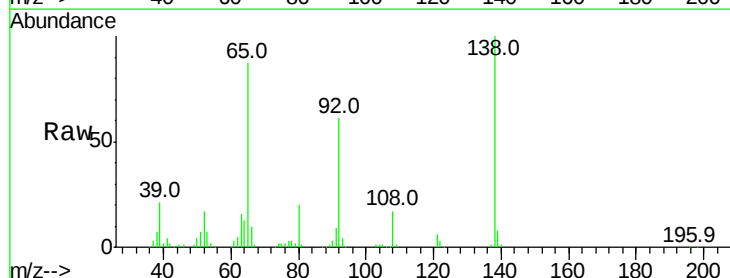


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

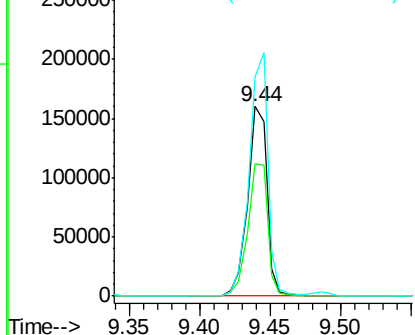
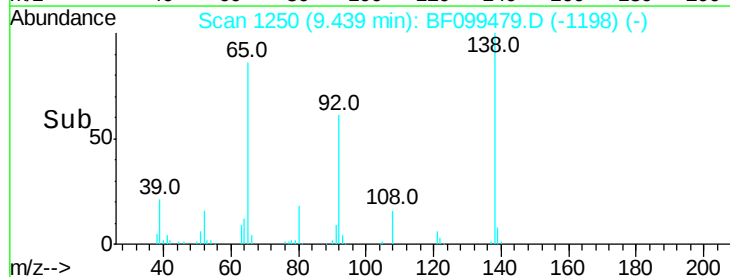


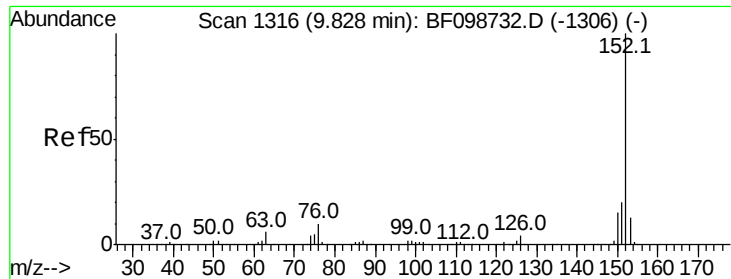
#47
 2-Nitroaniline
 Concen: 42.360 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion:	65	Resp:	155068
Ion	Ratio	Lower	Upper
65	100		
92	70.1	55.8	83.6
138	115.6	91.2	136.8



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





#48

Acenaphthylene

Concen: 44.335 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

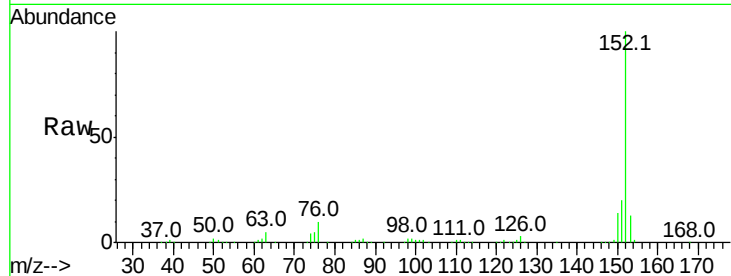
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 811397

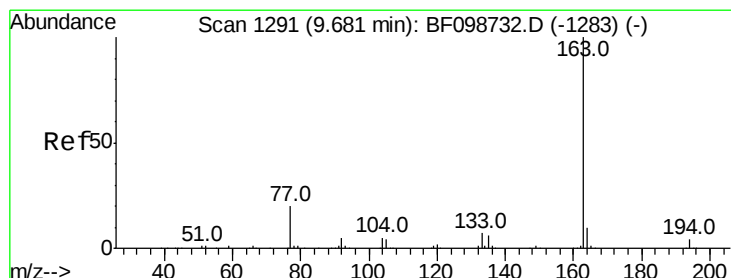
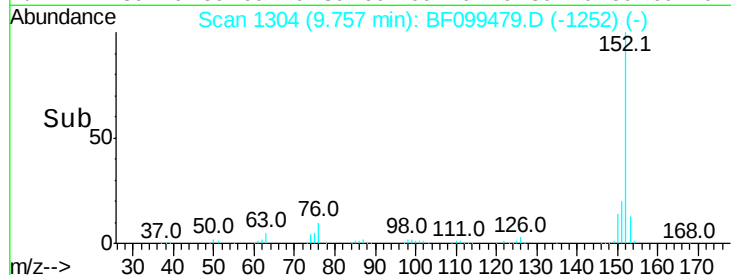
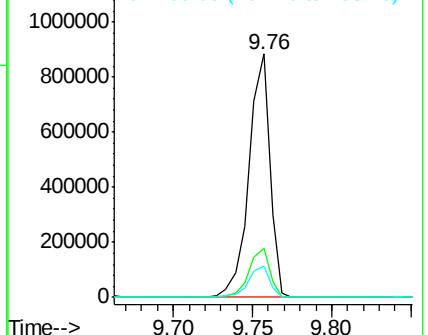
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.9	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.095 ng

RT: 9.62 min Scan# 1280

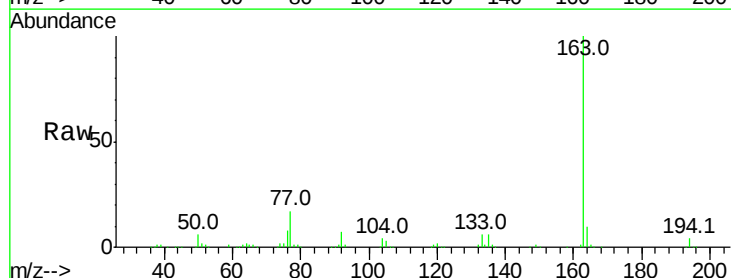
Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:163 Resp: 630578

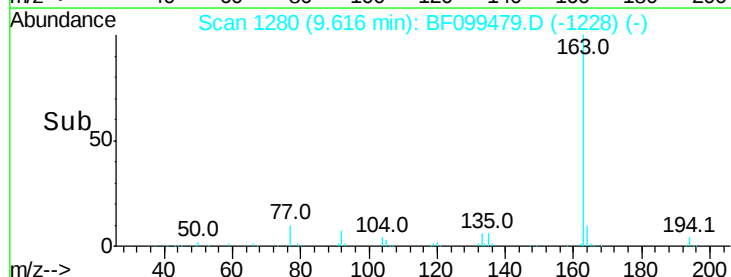
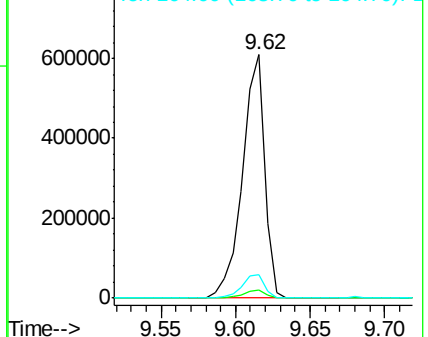
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

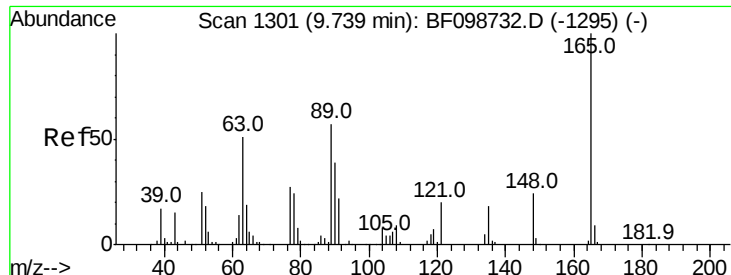


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

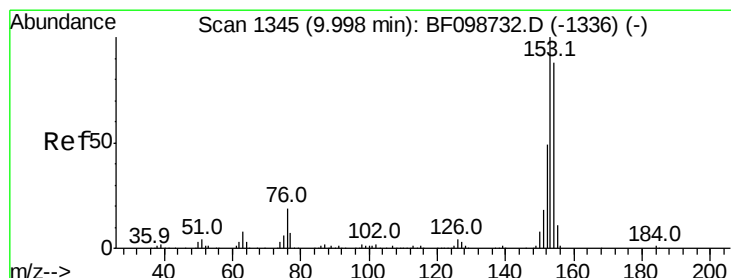
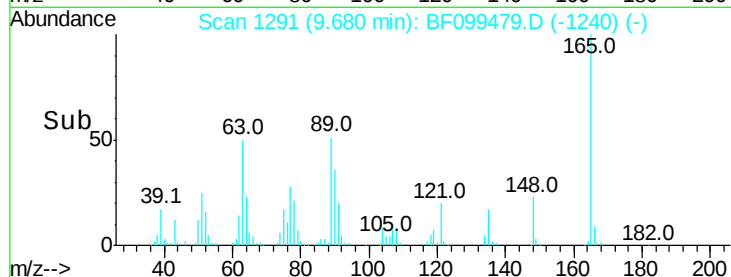
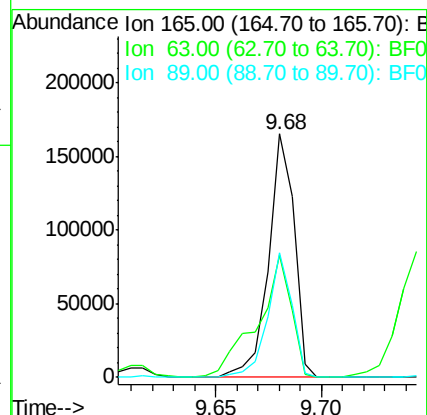
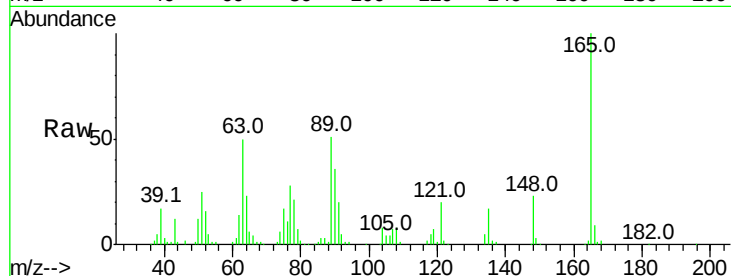




#50
 2,6-Dinitrotoluene
 Concen: 46.115 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

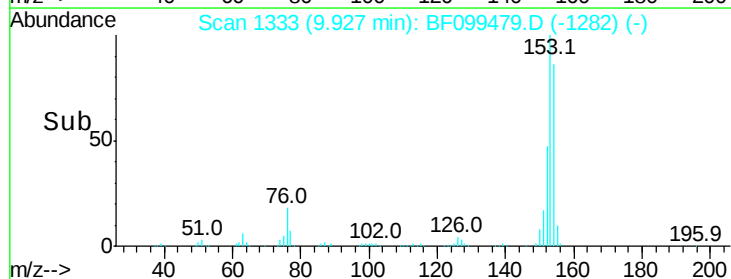
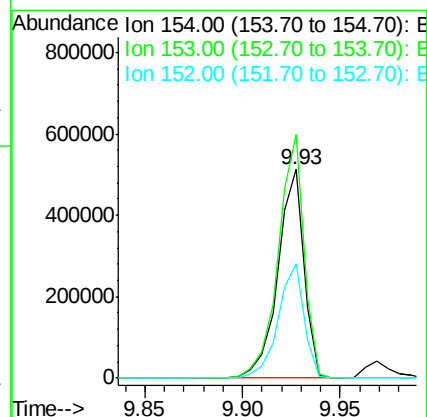
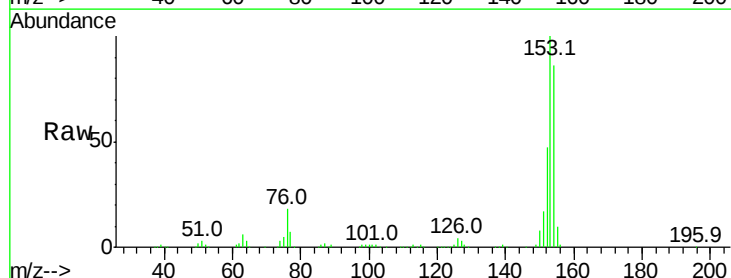
Instrument :
 BNA_F
 ClientSampled :

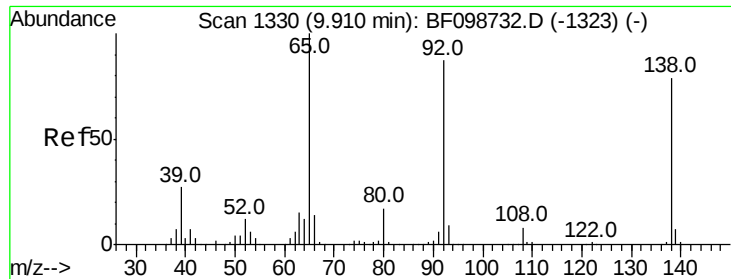
Tot Ion:165 Resp: 140387
 Ion Ratio Lower Upper
 165 100
 63 50.4 44.7 67.1
 89 51.4 44.0 66.0



#51
 Acenaphthene
 Concen: 41.066 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion:154 Resp: 476084
 Ion Ratio Lower Upper
 154 100
 153 116.5 91.2 136.8
 152 54.7 43.8 65.8

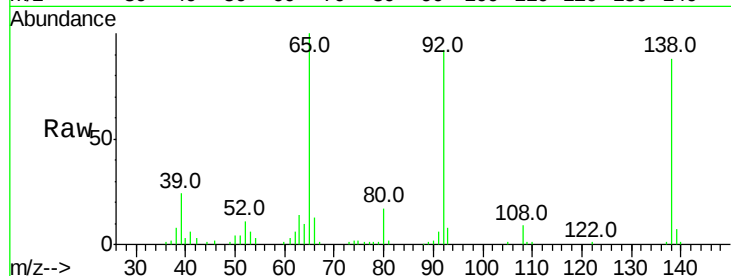




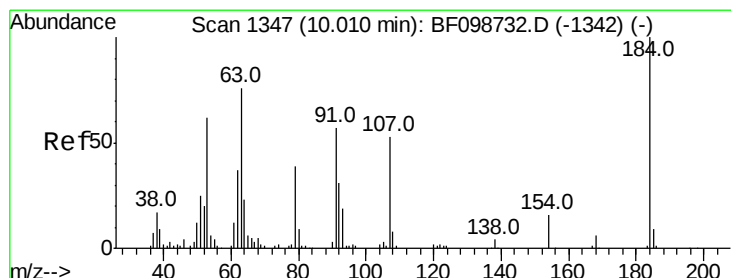
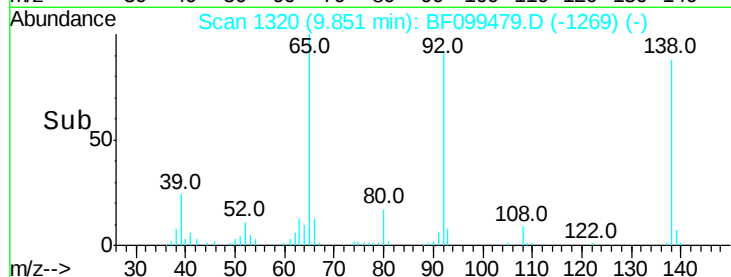
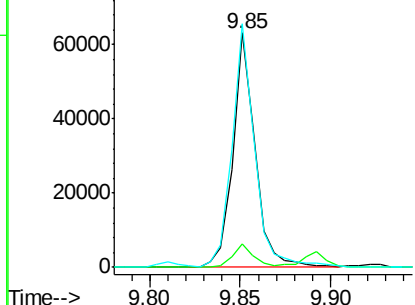
#52
3-Nitroaniline
Concen: 15.308 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 54338
Ion Ratio Lower Upper
138 100
108 9.8 9.4 14.0
92 103.8 89.4 134.2

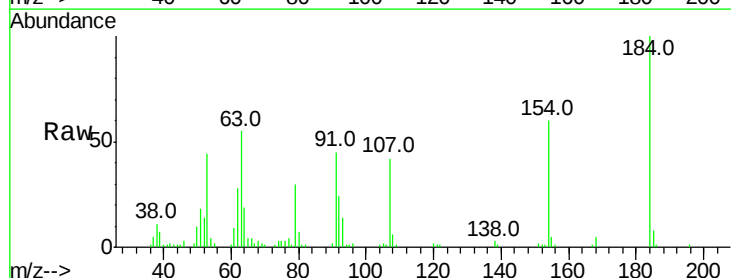


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

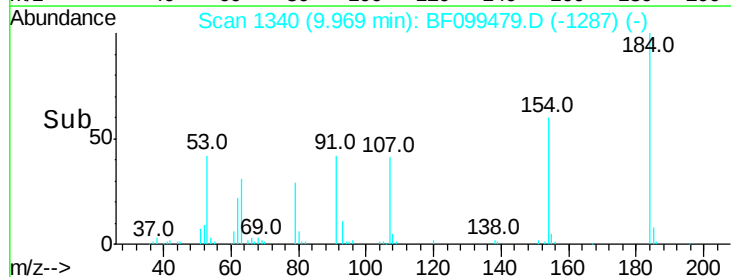
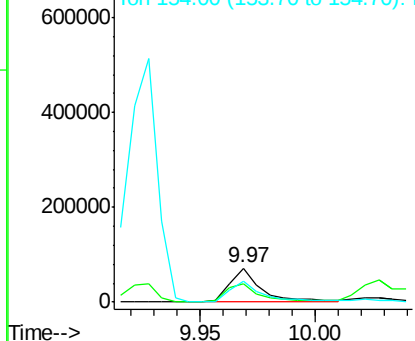


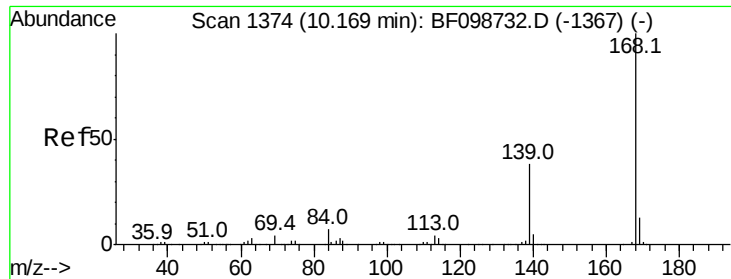
#53
2,4-Dinitrophenol
Concen: 46.005 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:184 Resp: 68682
Ion Ratio Lower Upper
184 100
63 55.2 54.2 81.2
154 60.2 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: 45.690 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

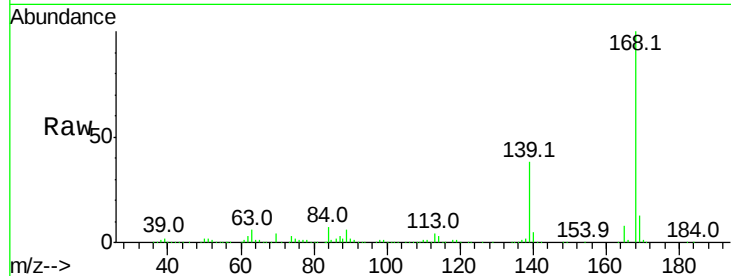
Tot Ion:168 Resp: 705263

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

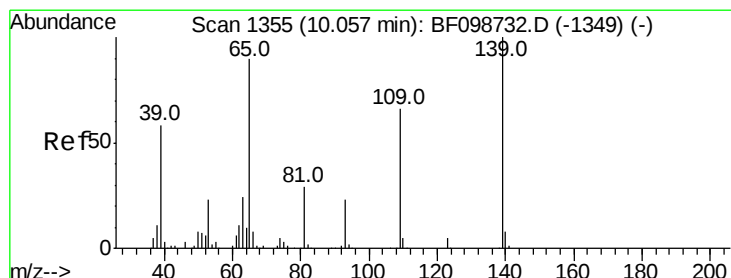
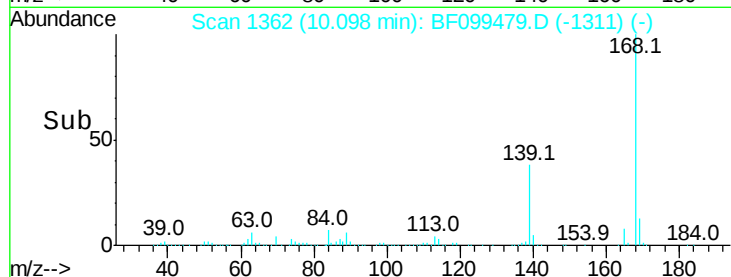
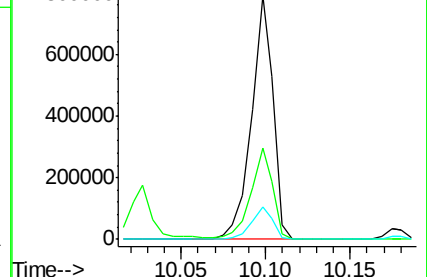
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 53.658 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.02 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

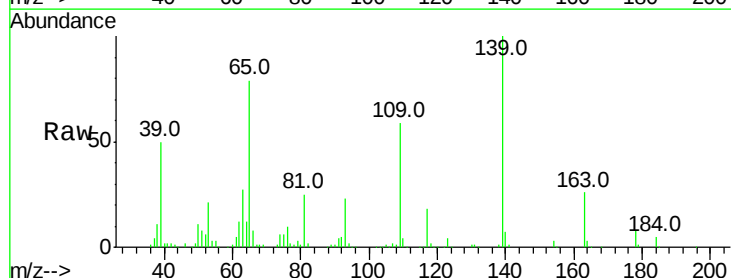
Tgt Ion:139 Resp: 161051

Ion Ratio Lower Upper

139 100

109 59.3 48.4 88.4

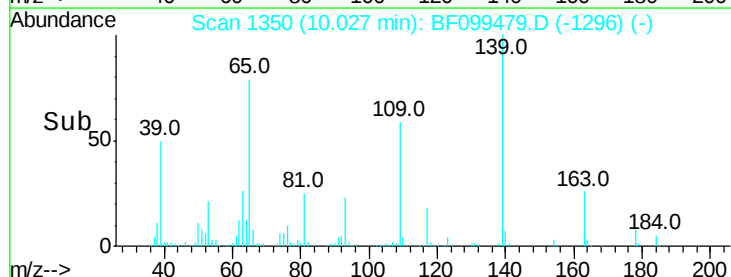
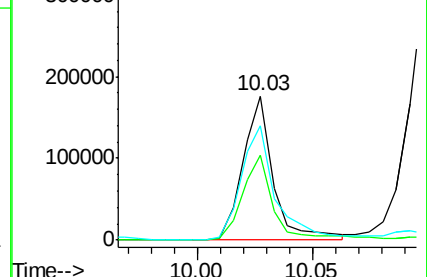
65 79.3 72.6 112.6

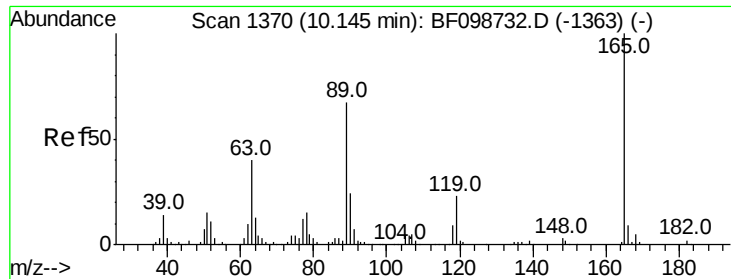


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

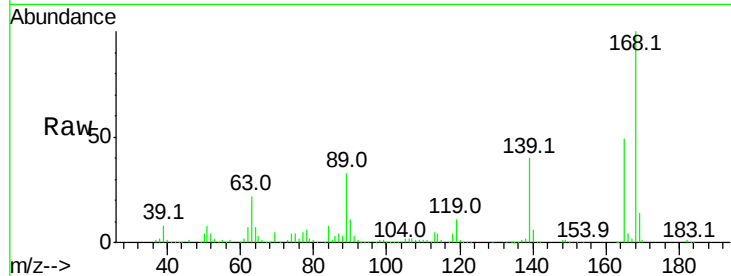




#56
2,4-Dinitrotoluene
Concen: 44.285 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.7	36.4	54.6
89	66.3	57.8	86.6
182	2.3	1.6	2.4



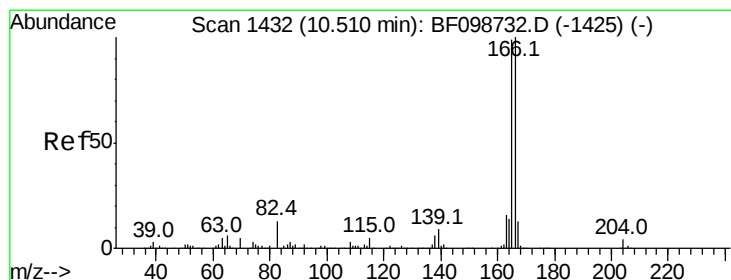
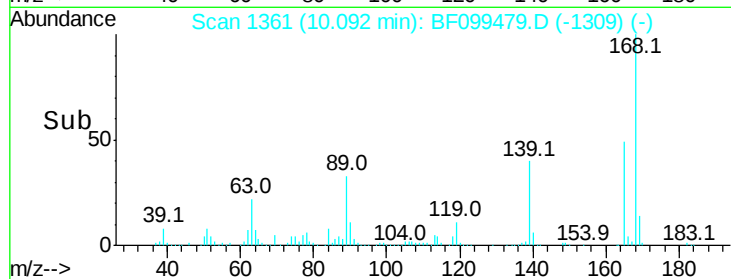
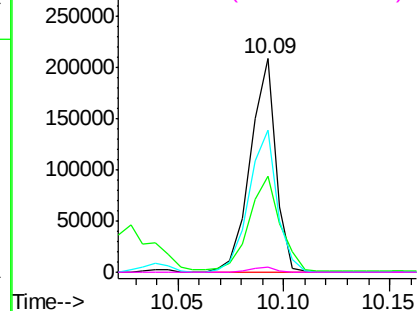
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

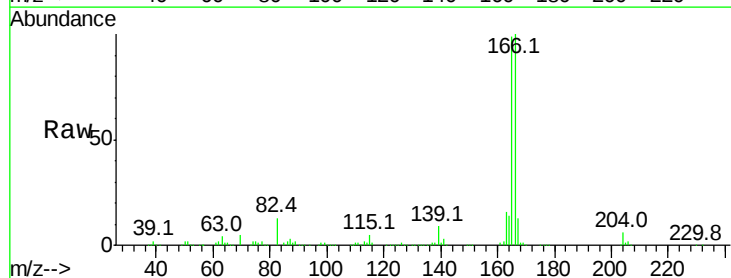
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 45.092 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.5	10.6	16.0

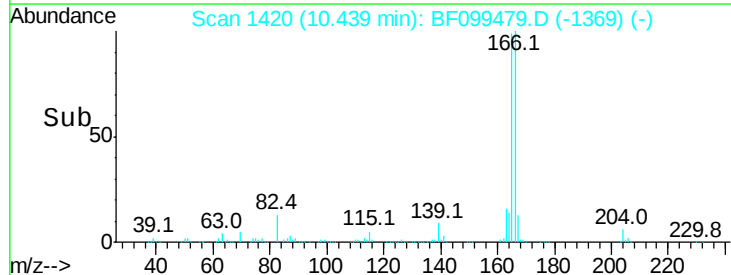
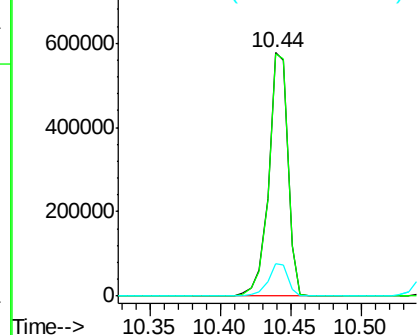


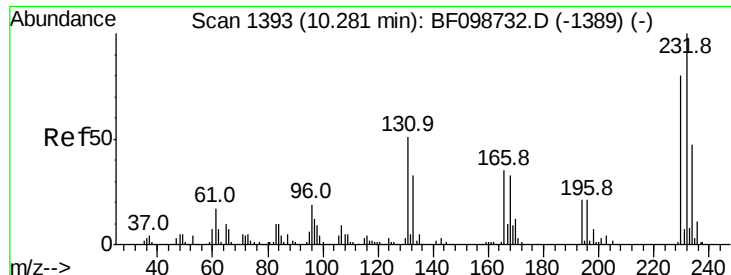
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 43.890 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 118470

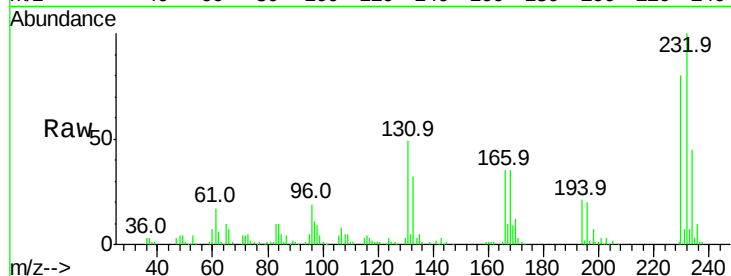
Ion Ratio Lower Upper

232 100

131 51.6 43.8 65.8

130 2.4 2.1 3.1

166 36.0 27.8 41.6

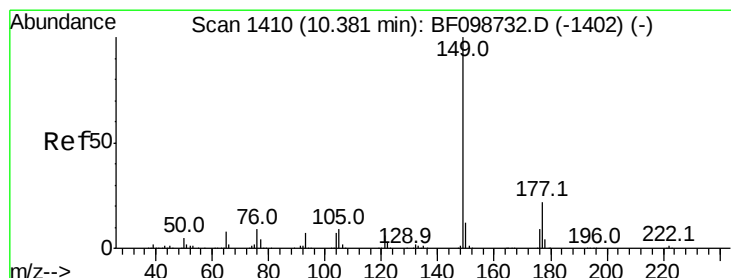
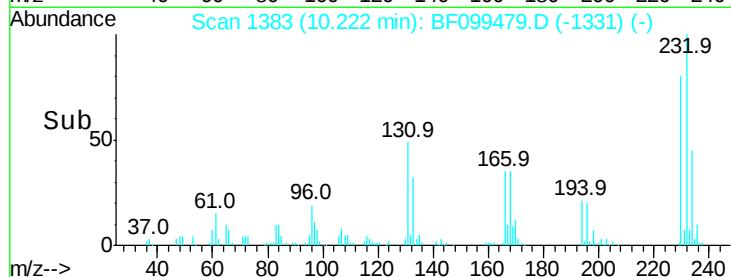
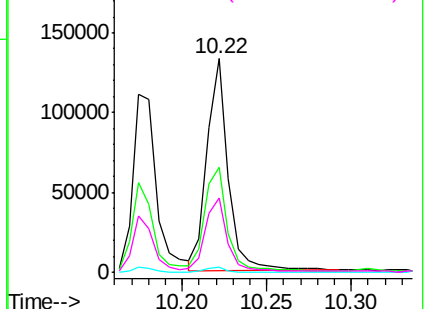


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 43.677 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

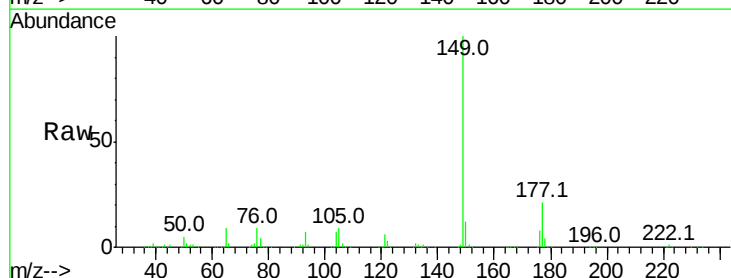
Tgt Ion:149 Resp: 596785

Ion Ratio Lower Upper

149 100

177 20.9 16.1 24.1

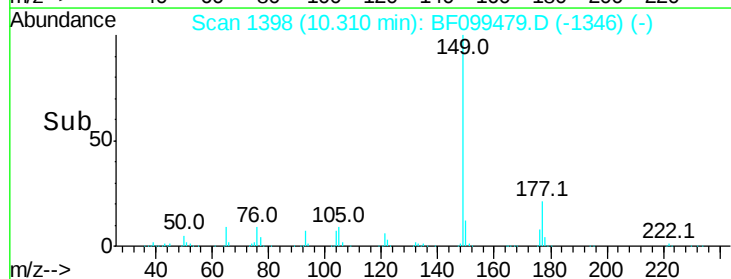
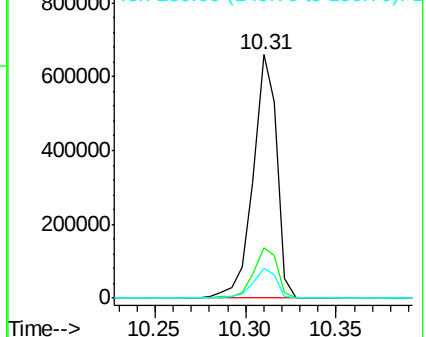
150 12.5 10.1 15.1

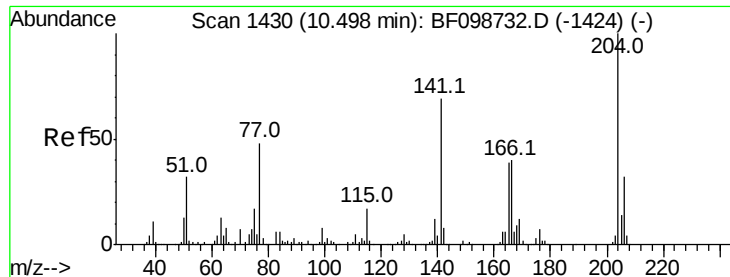


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

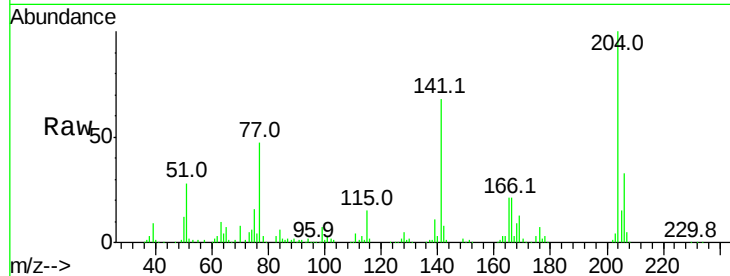




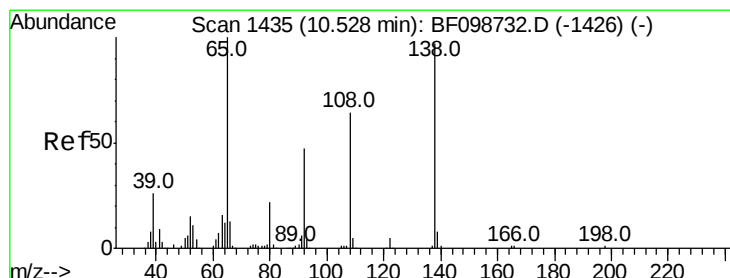
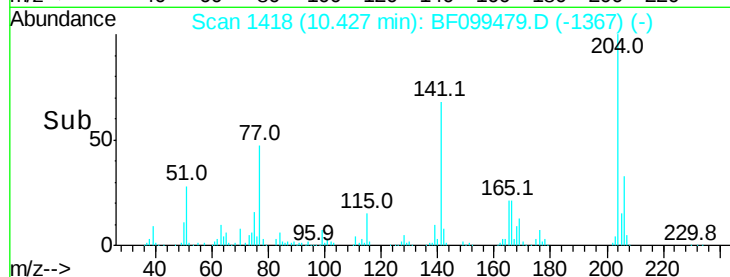
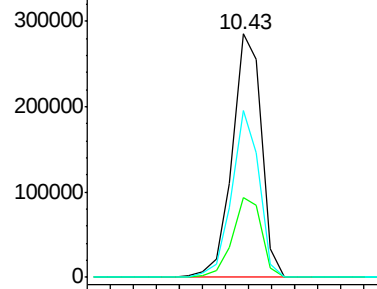
#60
4-Chlorophenyl-phenylether
Concen: 45.332 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 252642
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 68.5 54.6 81.8

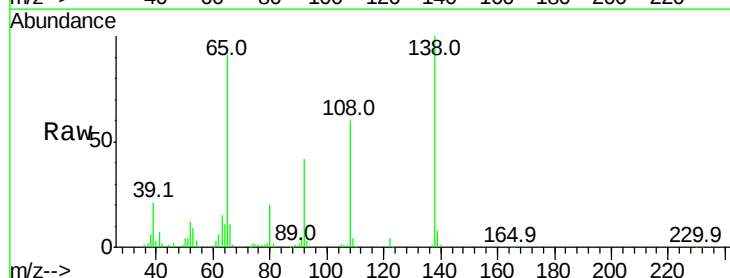


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

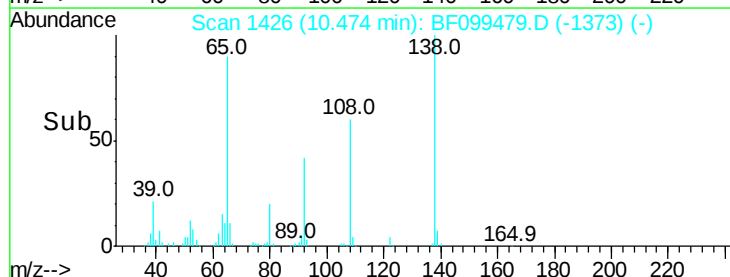
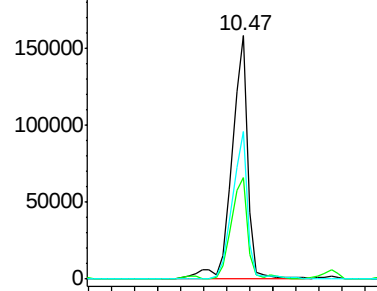


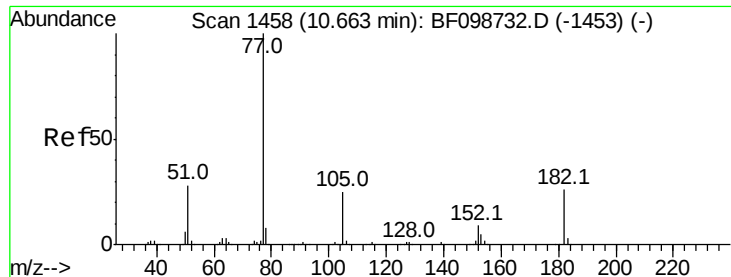
#61
4-Nitroaniline
Concen: 44.890 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:138 Resp: 153729
Ion Ratio Lower Upper
138 100
92 41.6 30.2 70.2
108 60.4 52.5 92.5



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

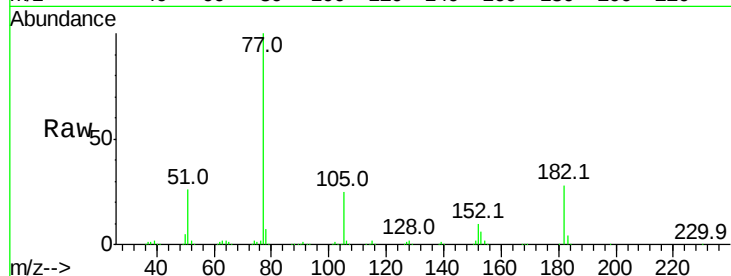




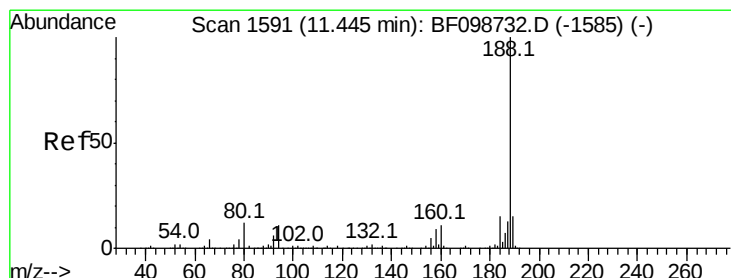
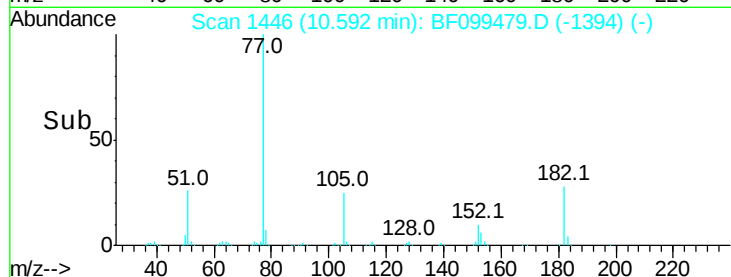
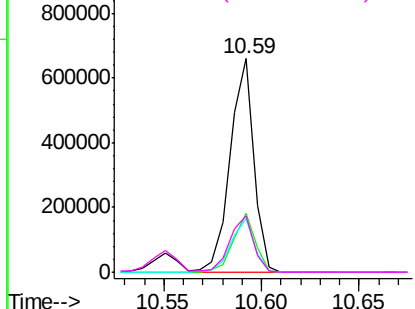
#62
Azobenzene
Concen: 44.319 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	556792
Ion	Ratio	Lower	Upper
77	100		
182	27.6	1.7	41.7
105	25.4	3.0	43.0
51	26.3	9.9	49.9

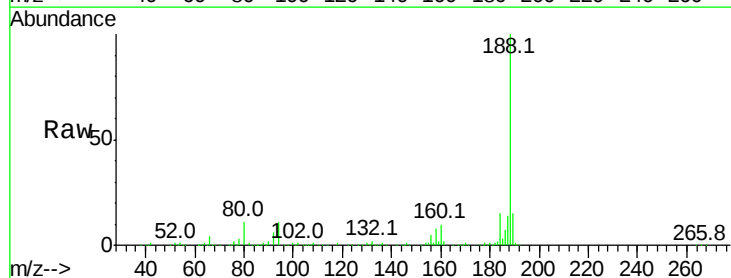


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

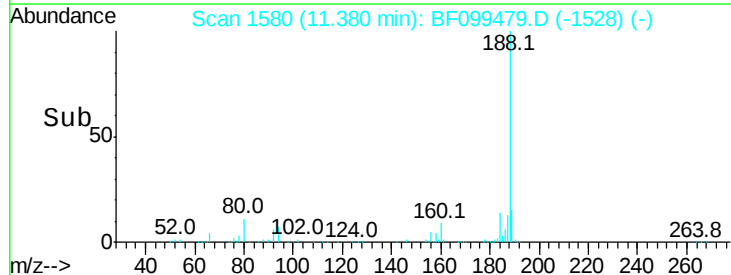
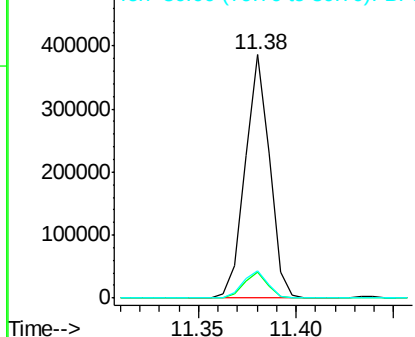


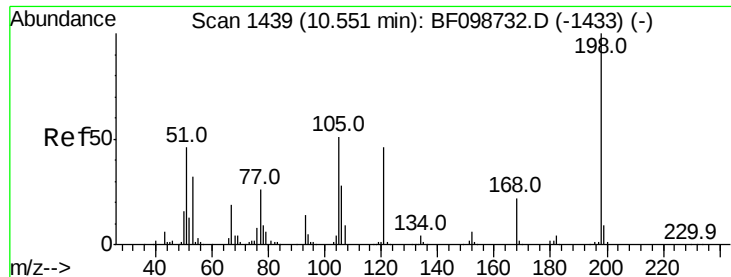
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:	188	Resp:	334738
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8



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





#64

4,6-Dinitro-2-methylphenol

Concen: 32.239 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampled :

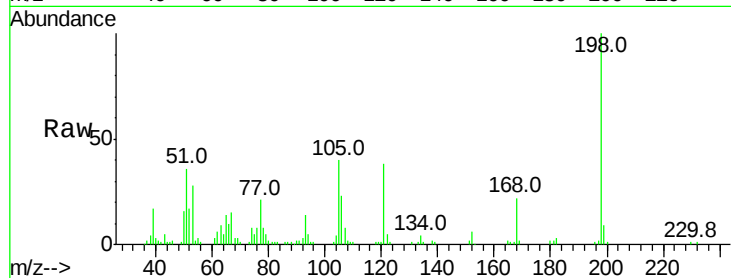
Tot Ion:198 Resp: 65660

Ion Ratio Lower Upper

198 100

51 36.2 37.7 77.7#

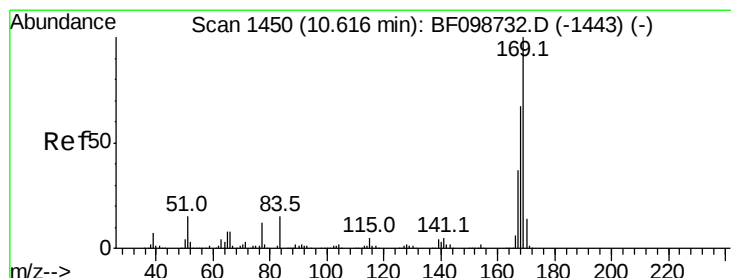
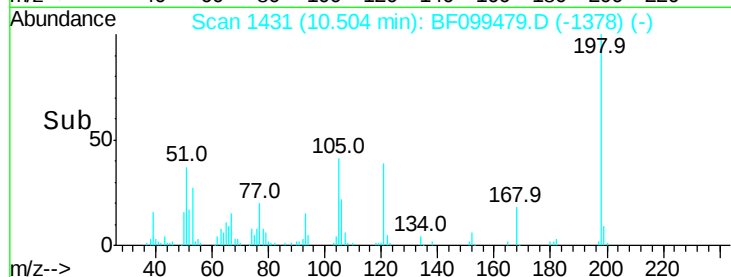
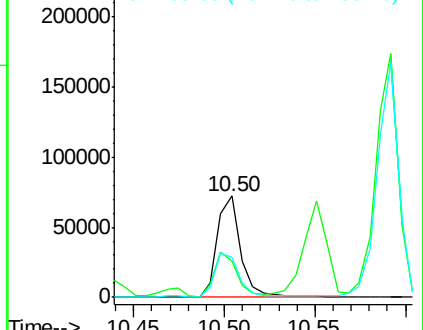
105 40.0 36.3 76.3



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: 43.971 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

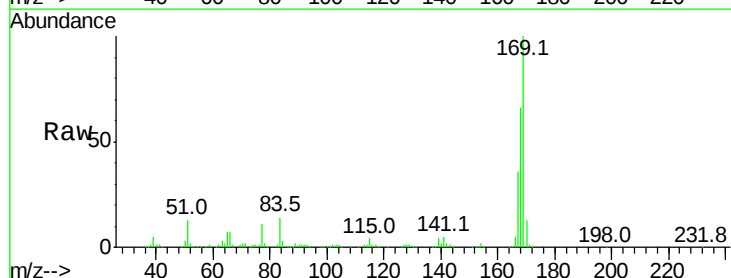
Tgt Ion:169 Resp: 509898

Ion Ratio Lower Upper

169 100

168 66.2 54.4 81.6

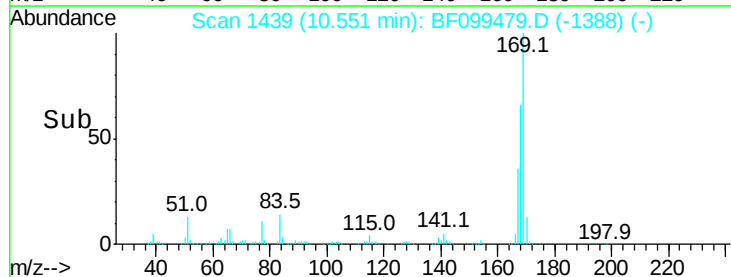
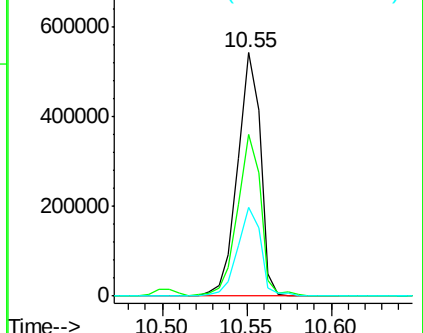
167 36.3 29.8 44.6

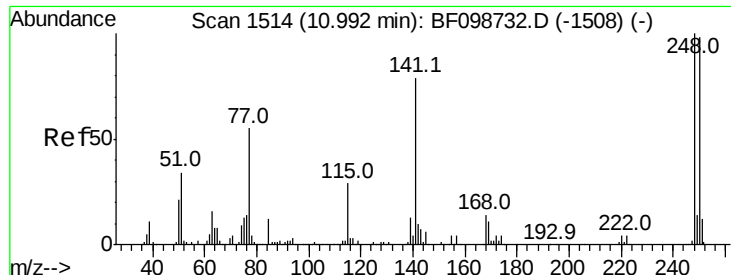


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

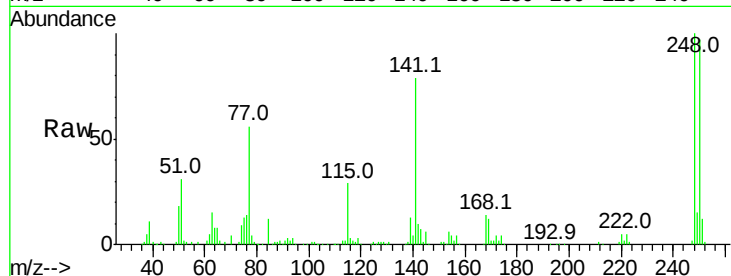




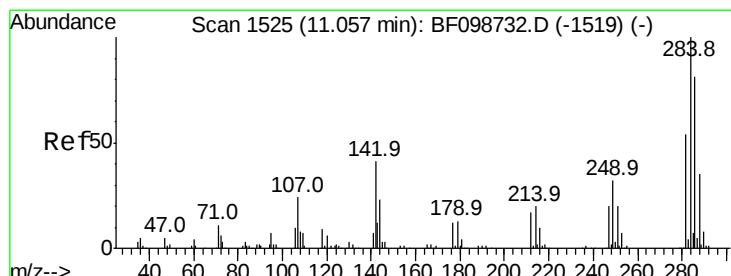
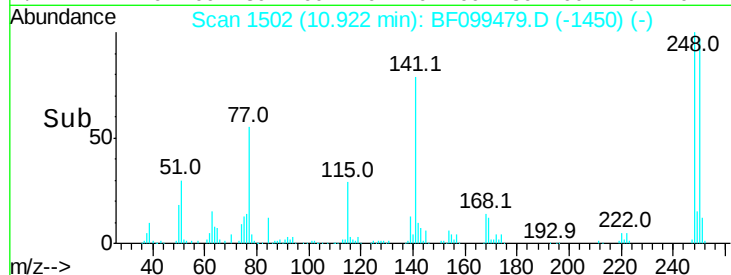
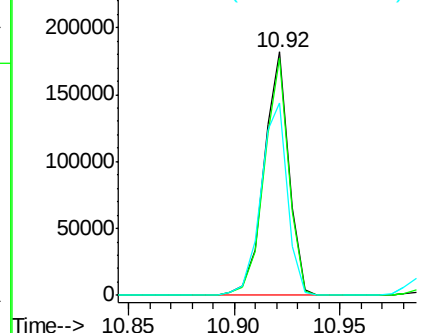
#66
4-Bromophenyl-phenylether
Concen: 45.541 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 149216
Ion Ratio Lower Upper
248 100
250 97.2 76.9 115.3
141 79.1 74.4 111.6

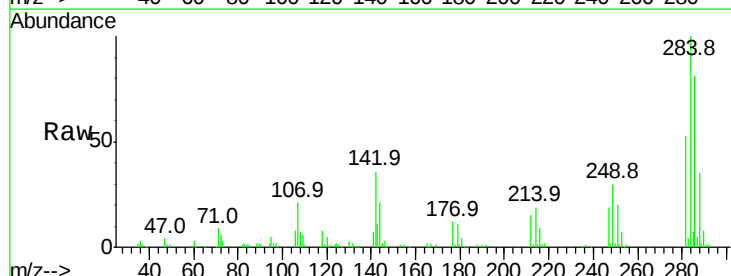


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

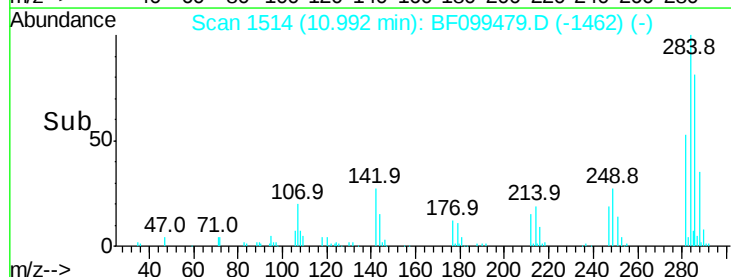
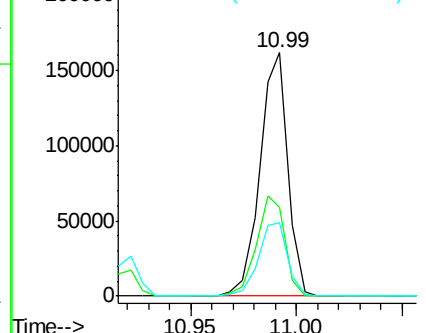


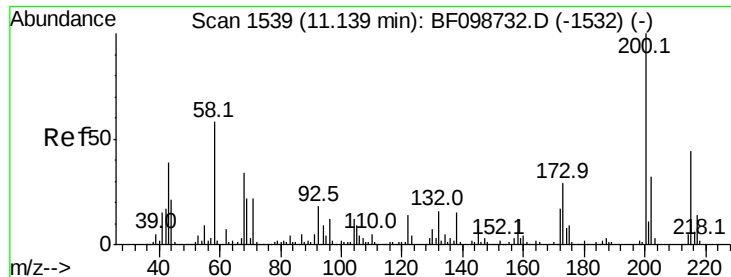
#67
Hexachlorobenzene
Concen: 42.474 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:284 Resp: 148637
Ion Ratio Lower Upper
284 100
142 36.4 34.6 52.0
249 30.3 24.8 37.2



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

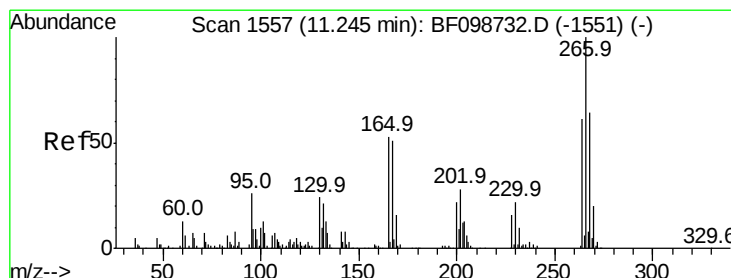
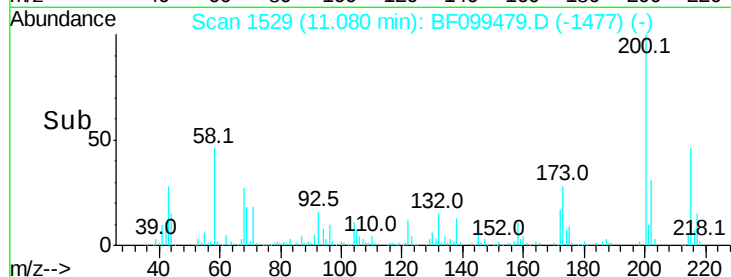
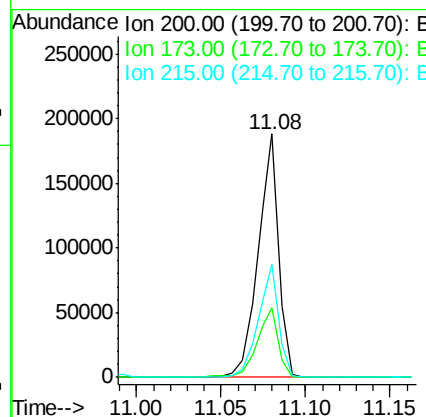
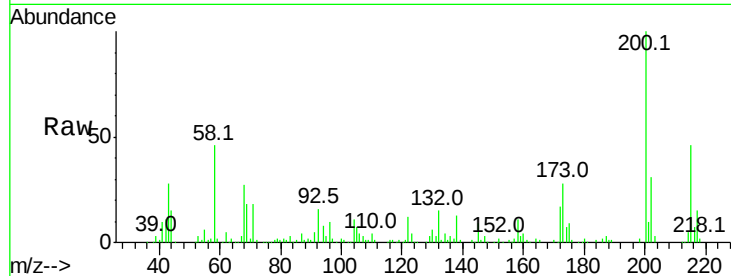




#68
Atrazine
Concen: 45.610 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

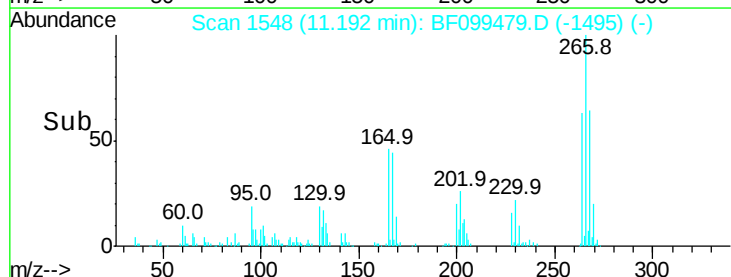
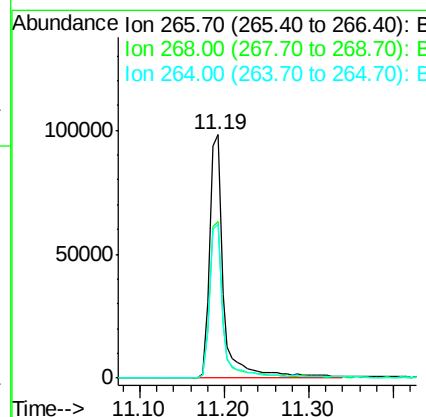
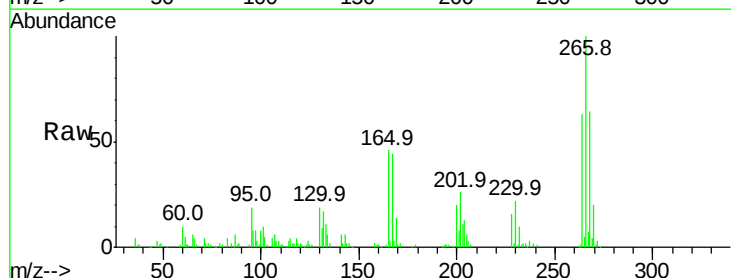
Instrument :
BNA_F
ClientSampleId :

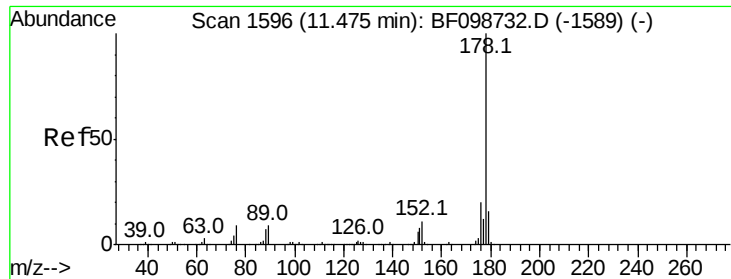
Tot Ion:200 Resp: 159131
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 46.5 25.1 65.1



#69
Pentachlorophenol
Concen: 52.424 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:266 Resp: 114177
Ion Ratio Lower Upper
266 100
268 64.4 51.1 76.7
264 63.1 49.5 74.3





#70

Phenanthrene

Concen: 44.667 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

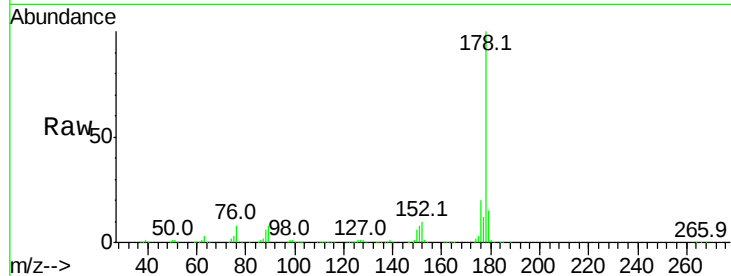
Tot Ion:178 Resp: 800327

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

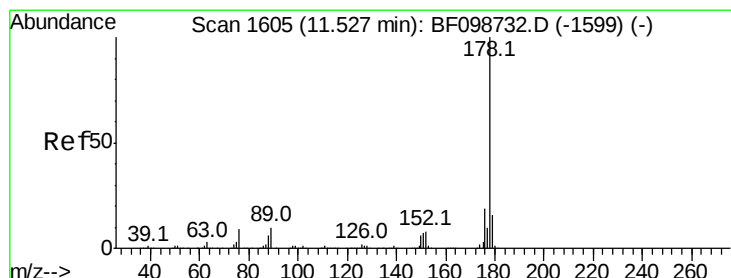
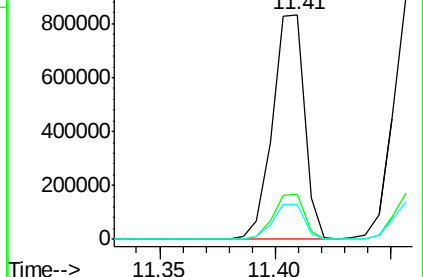
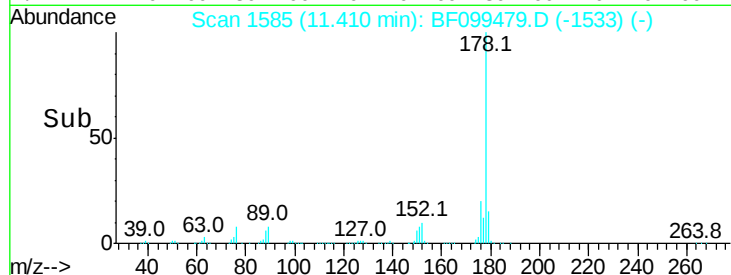
179 15.3 13.0 19.6



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



#71

Anthracene

Concen: 45.841 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

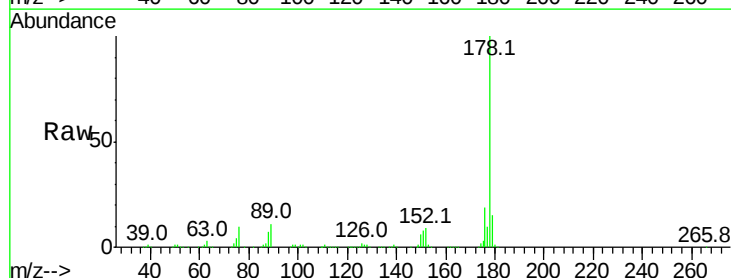
Tgt Ion:178 Resp: 840412

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

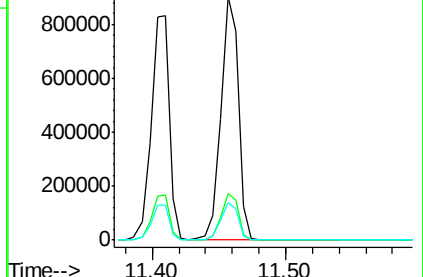
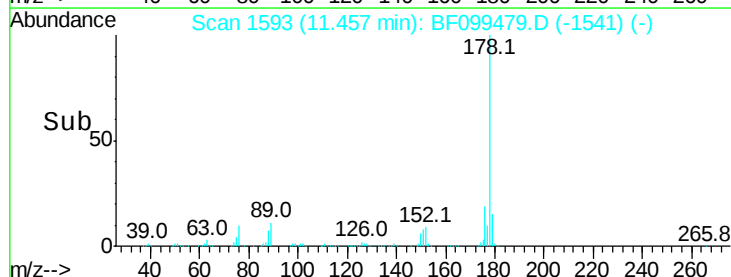
179 15.4 12.6 19.0

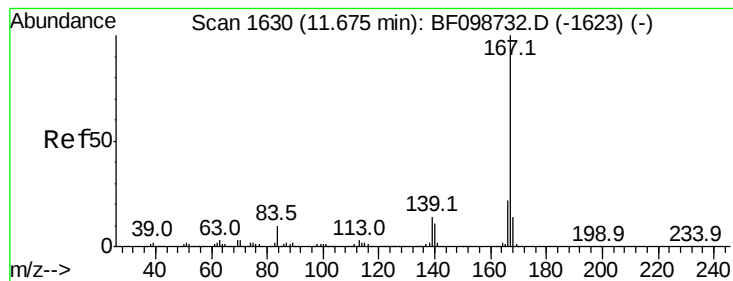


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 42.990 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampled :

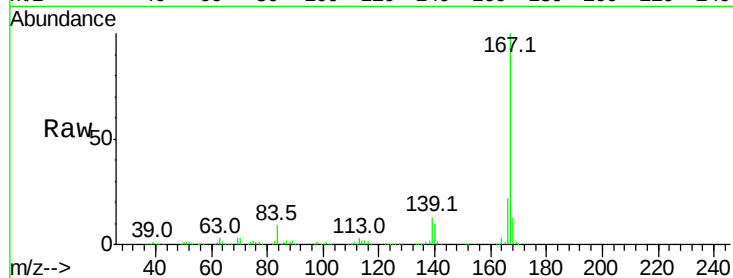
Tot Ion:167 Resp: 771803

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

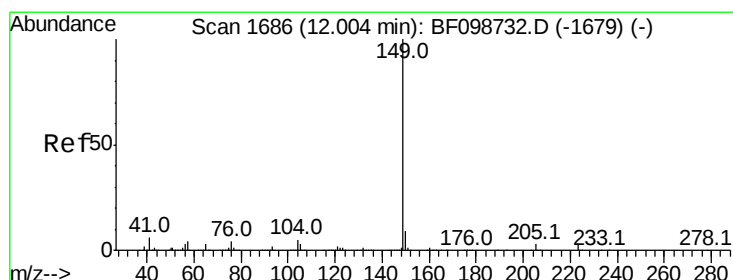
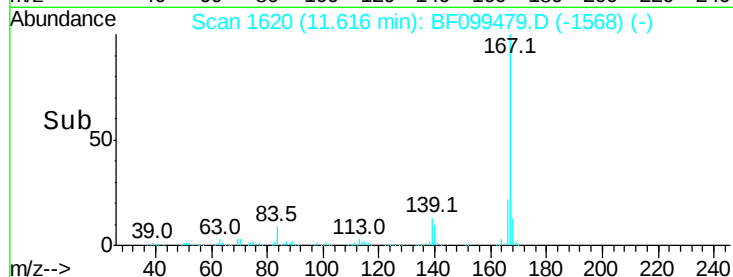
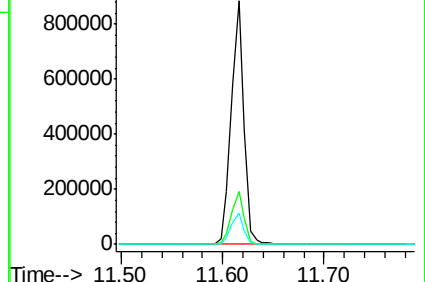
139 13.0 10.9 16.3



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: 43.716 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

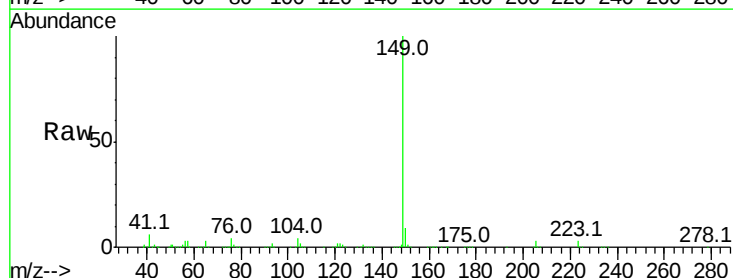
Tgt Ion:149 Resp: 944683

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

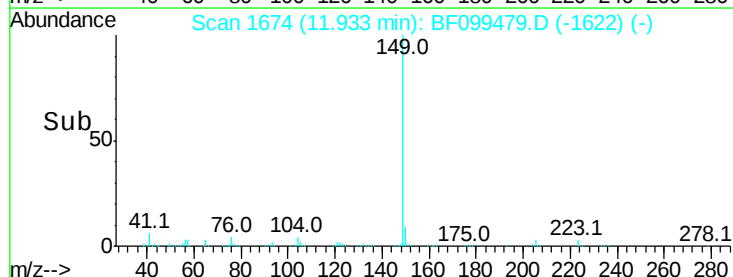
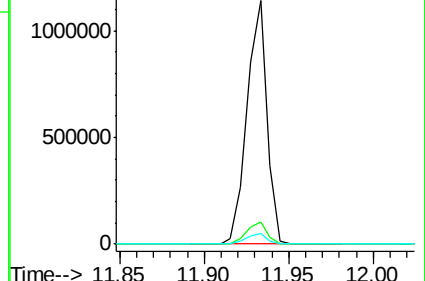
104 4.3 3.8 5.8

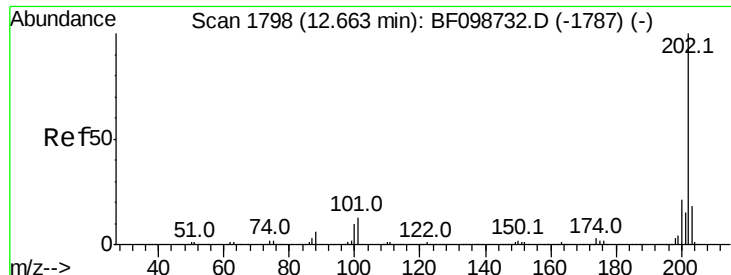


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

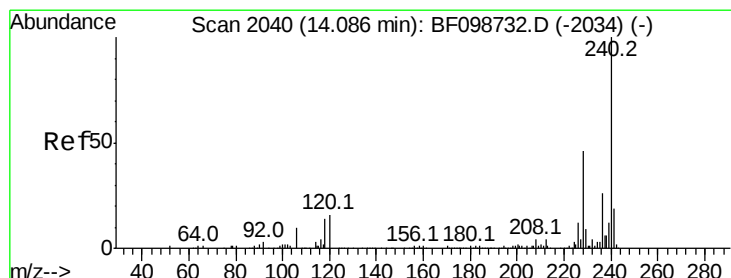
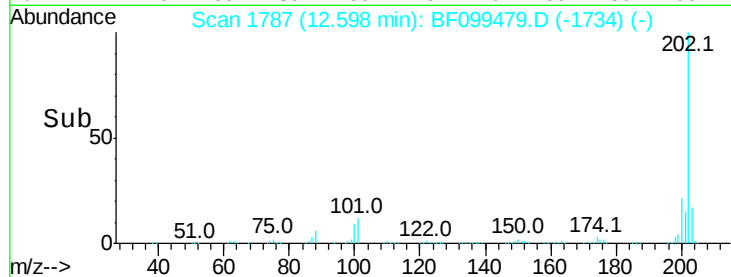
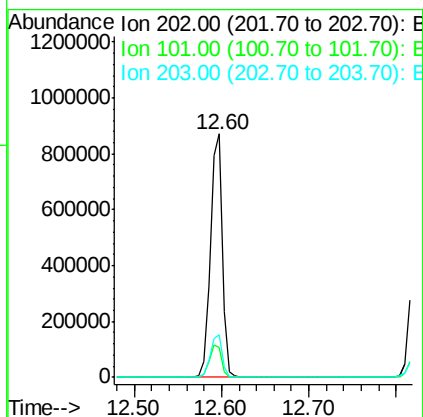
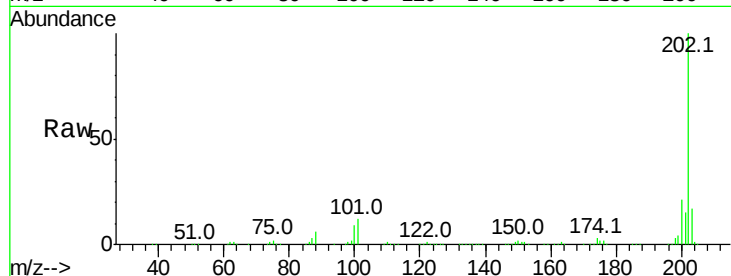




#74
 Fluoranthene
 Concen: 45.309 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

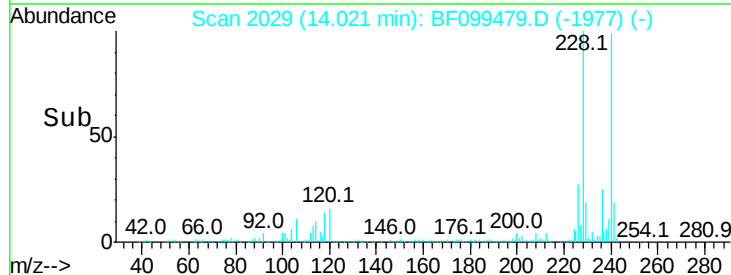
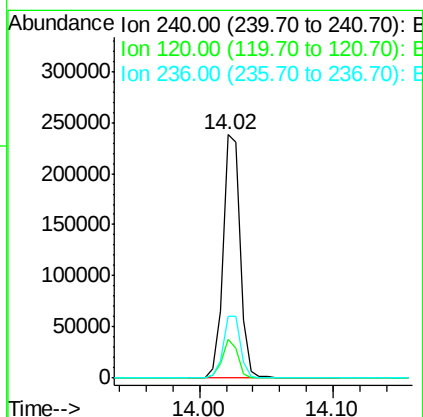
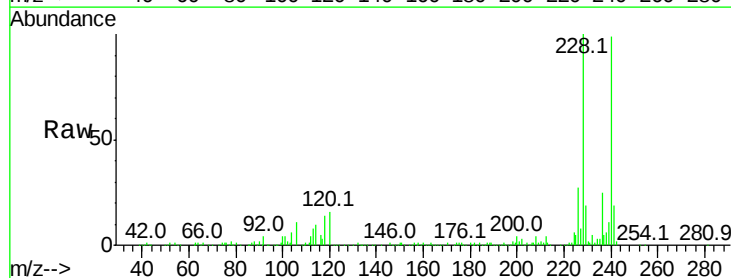
Instrument :
 BNA_F
 ClientSampled :

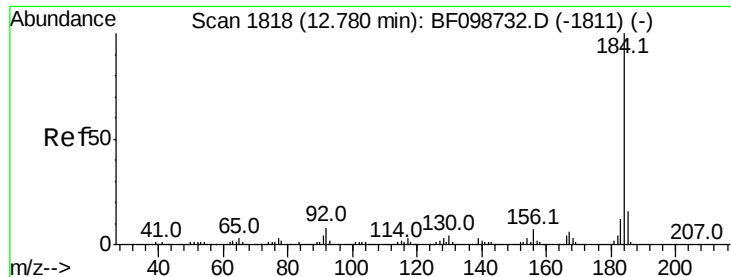
Tot Ion:202 Resp: 822065
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 34.1
 203 17.3 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion:240 Resp: 216939
 Ion Ratio Lower Upper
 240 100
 120 15.9 9.5 14.3#
 236 25.5 20.7 31.1

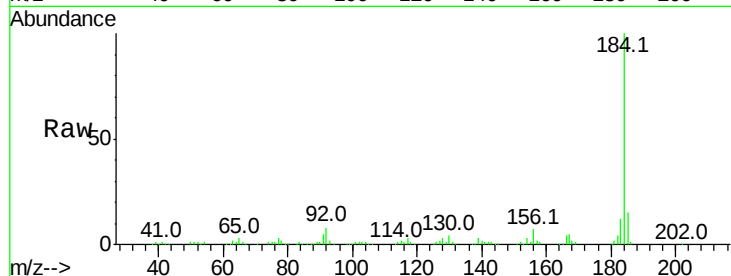




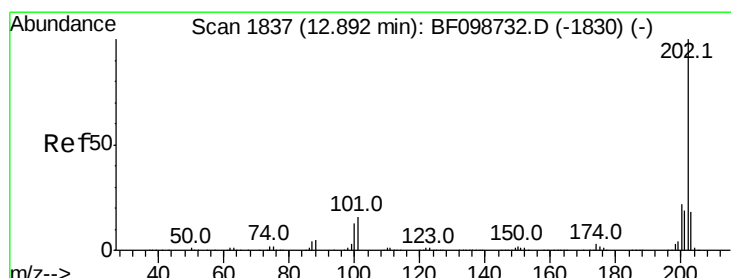
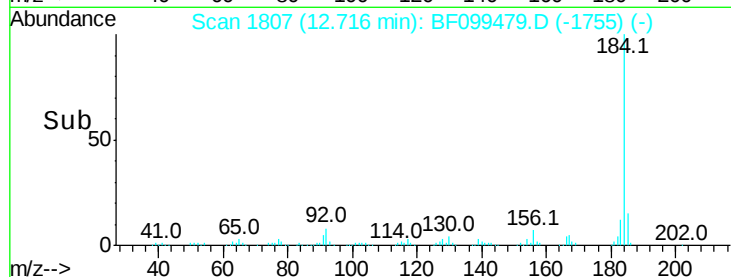
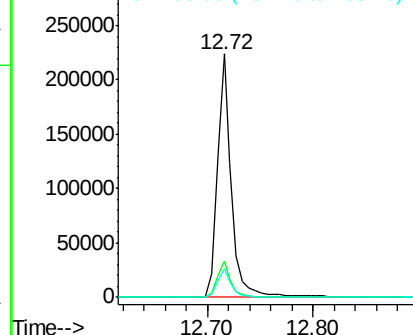
#76
Benzidine
Concen: 26.039 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 208931
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 11.8 9.3 13.9

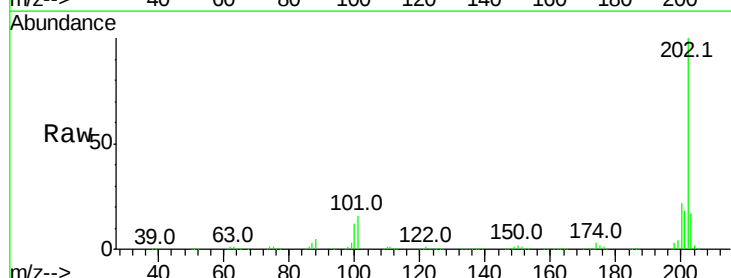


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

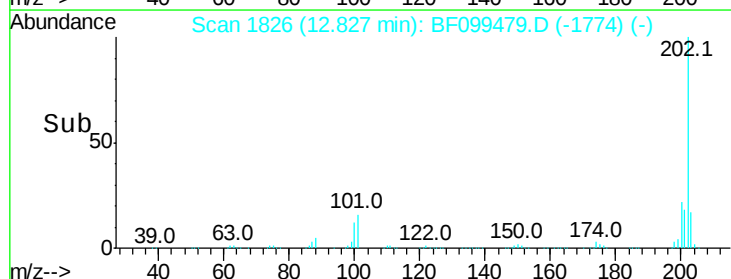
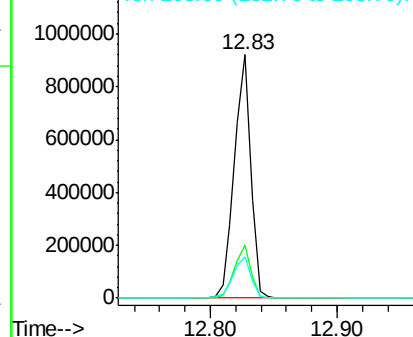


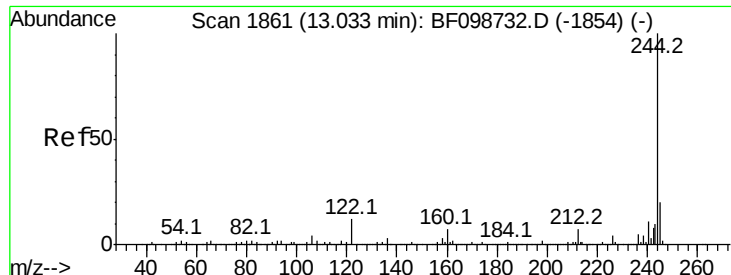
#77
Pyrene
Concen: 49.831 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:202 Resp: 824332
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.2 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: 93.793 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampled :

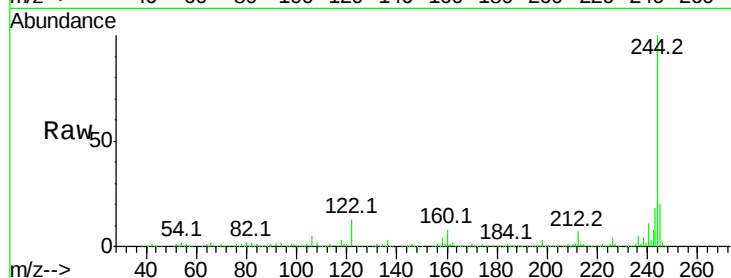
Tot Ion:244 Resp: 894708

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

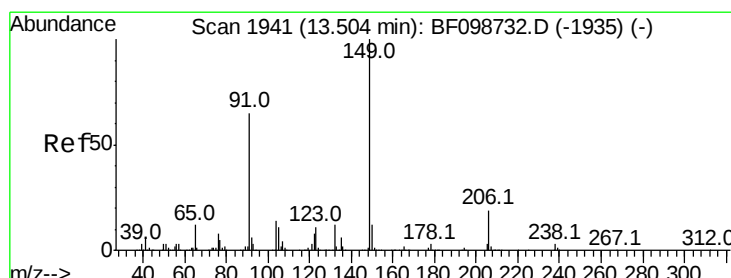
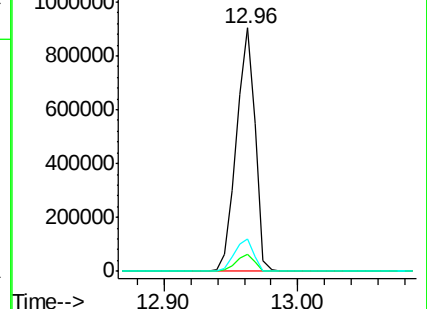
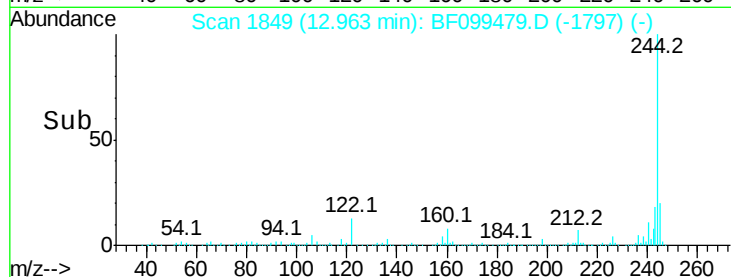
122 13.4 11.0 16.4



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: 48.558 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

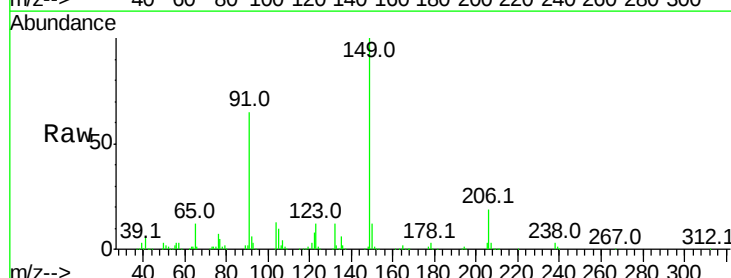
Tgt Ion:149 Resp: 377518

Ion Ratio Lower Upper

149 100

91 64.8 56.8 85.2

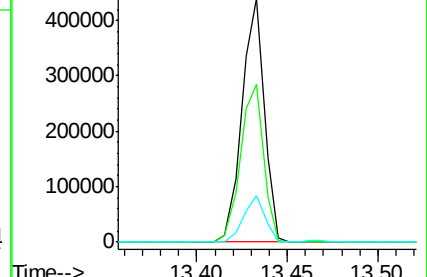
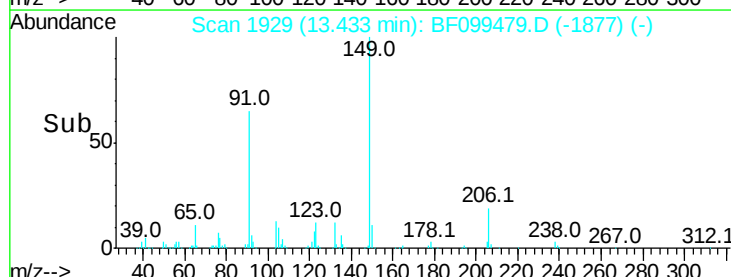
206 19.2 14.1 21.1

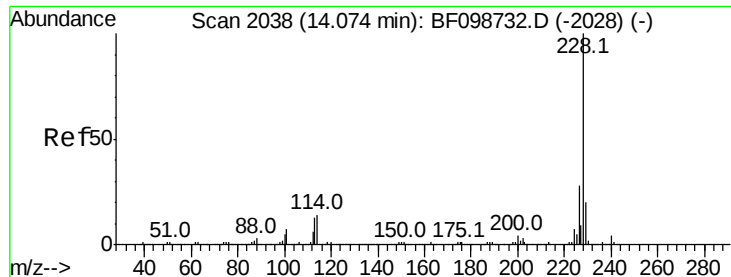


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.513 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

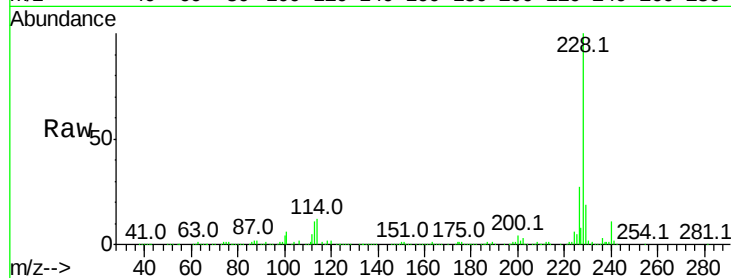
Tot Ion:228 Resp: 611008

Ion Ratio Lower Upper

228 100

226 26.7 22.6 33.8

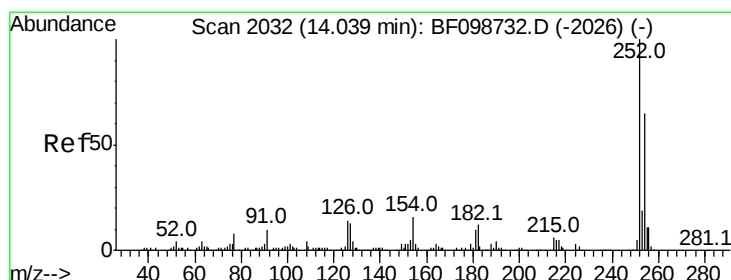
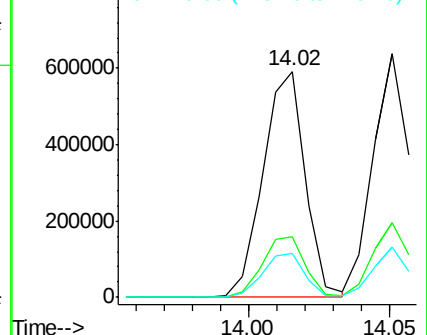
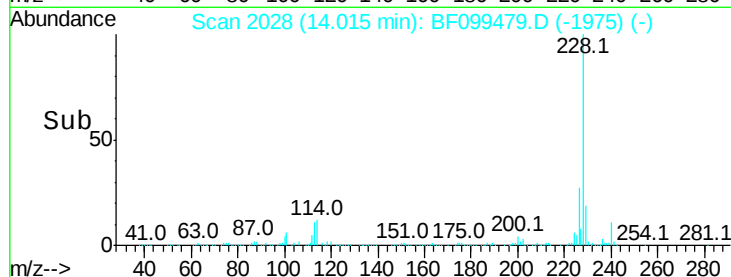
229 19.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 15.927 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

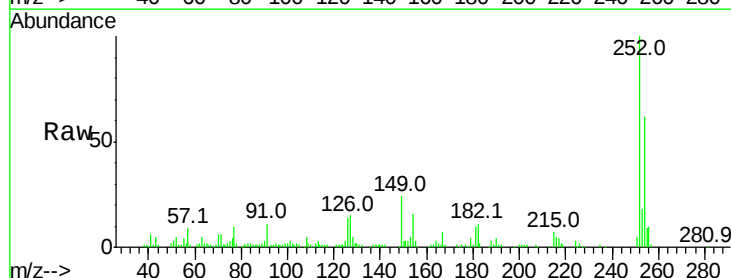
Tgt Ion:252 Resp: 76697

Ion Ratio Lower Upper

252 100

254 61.8 50.4 75.6

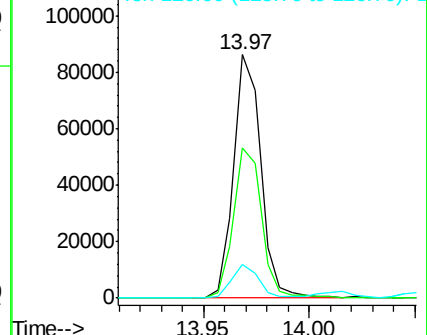
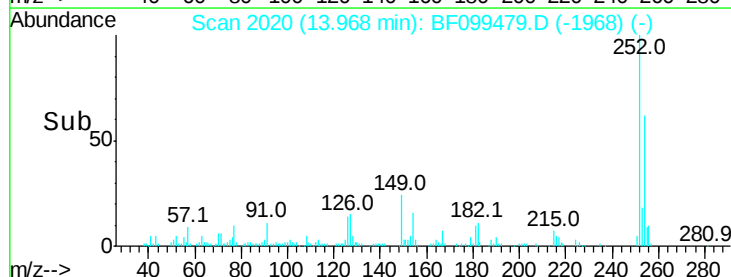
126 13.9 11.3 16.9

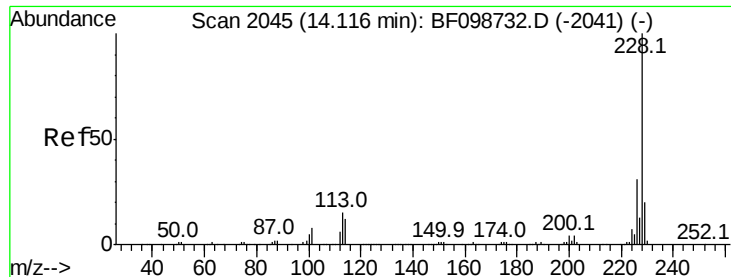


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

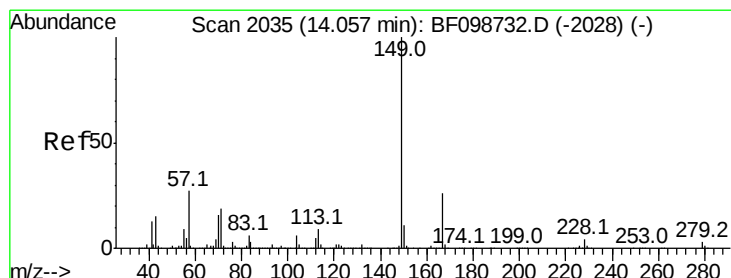
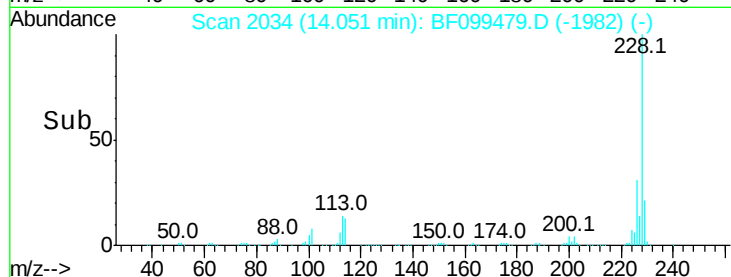
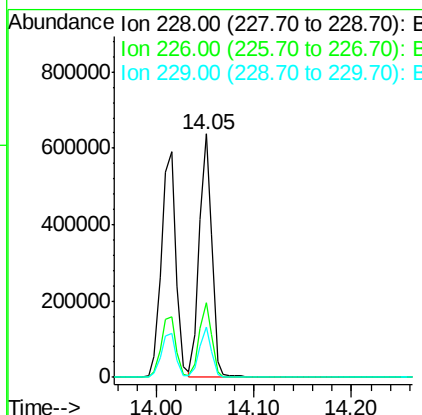
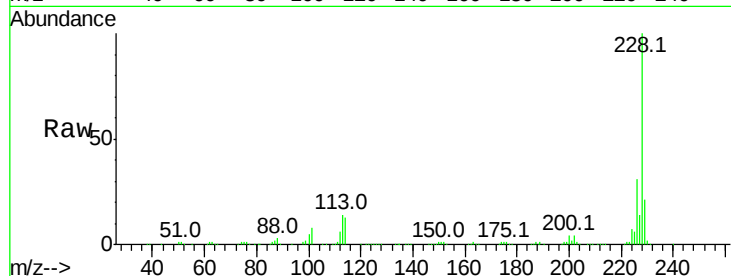




#82
 Chrysene
 Concen: 45.415 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

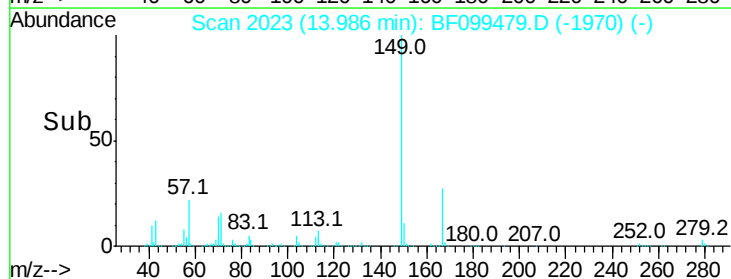
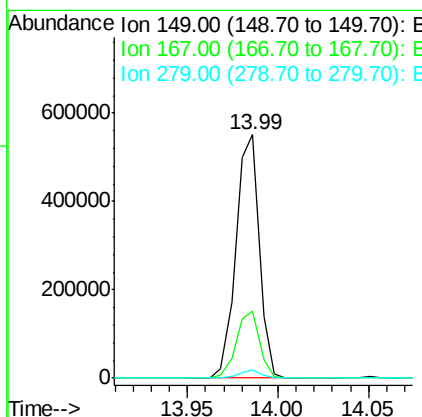
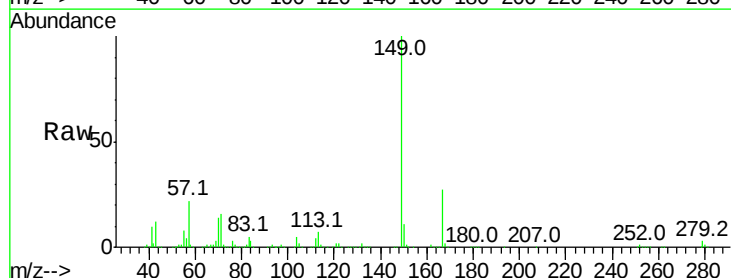
Instrument :
 BNA_F
 ClientSampleId :

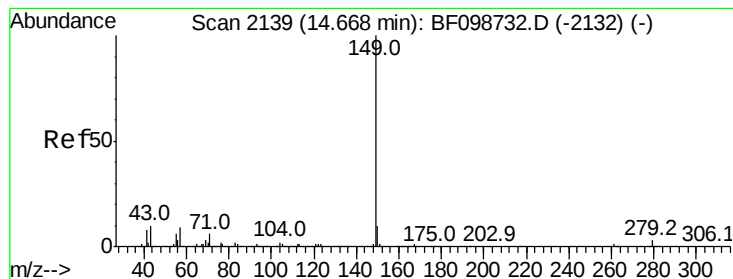
Tot Ion:228 Resp: 567967
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.5 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.271 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion:149 Resp: 495337
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.4 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 41.136 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

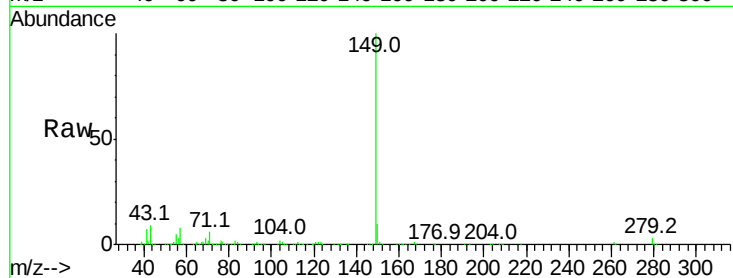
Tot Ion:149 Resp: 709082

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

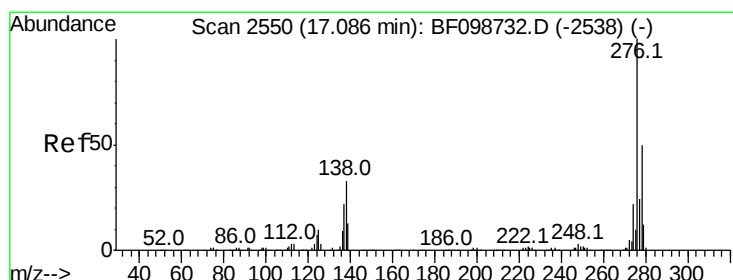
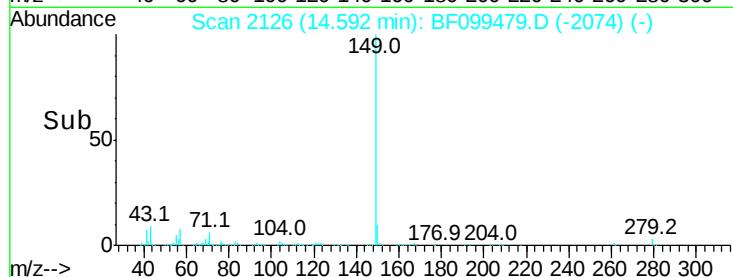
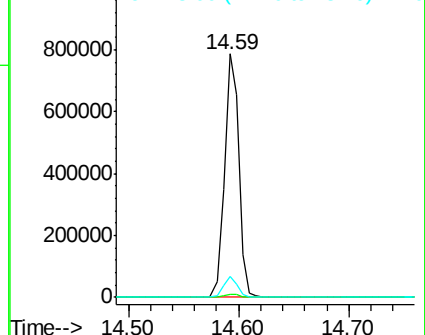
43 8.3 8.4 12.6#



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: 47.143 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

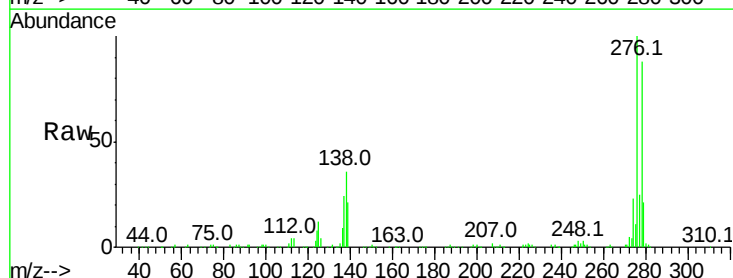
Tgt Ion:276 Resp: 471635

Ion Ratio Lower Upper

276 100

138 34.8 25.0 37.6

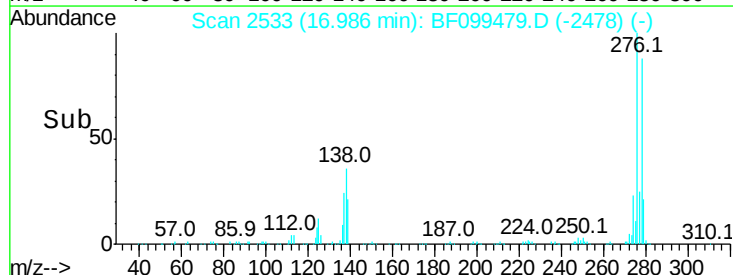
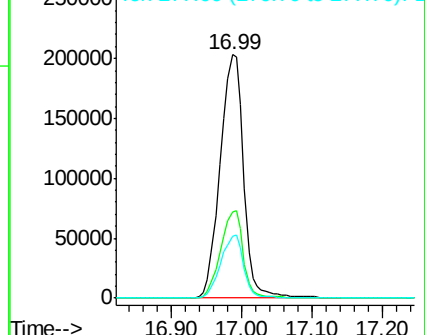
277 25.2 20.1 30.1

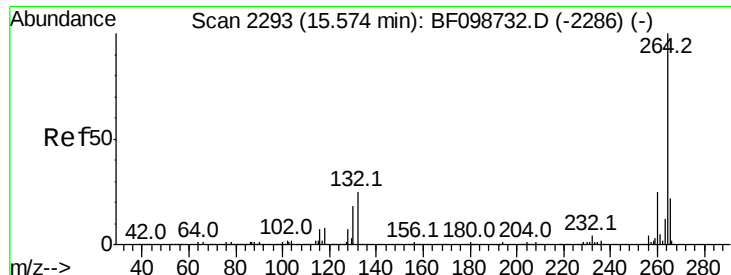


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



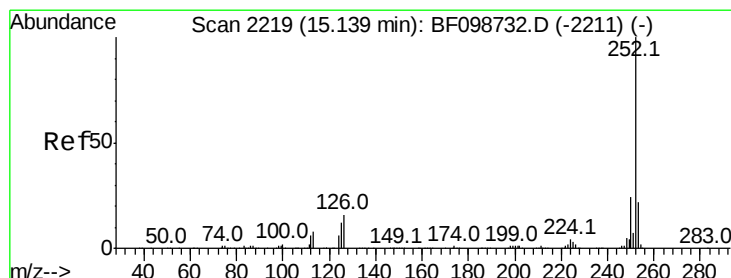
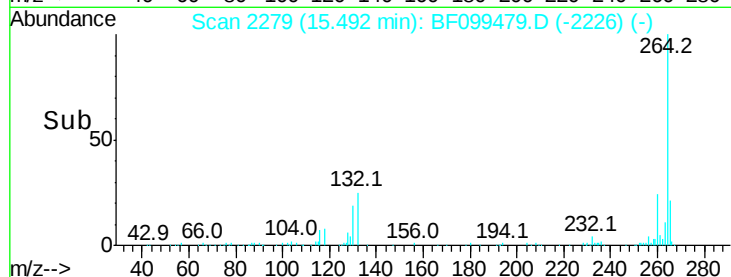
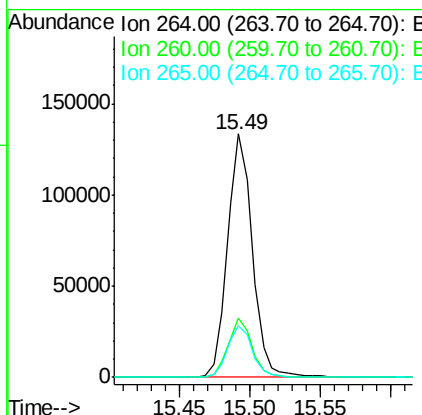
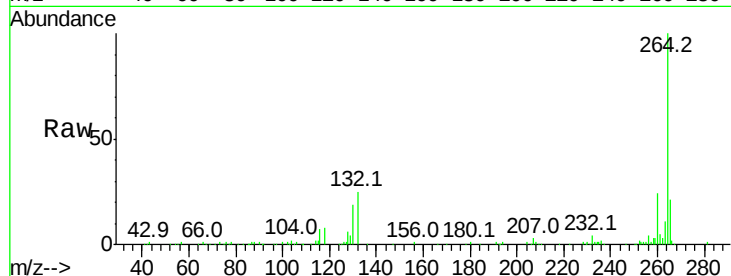


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 163342

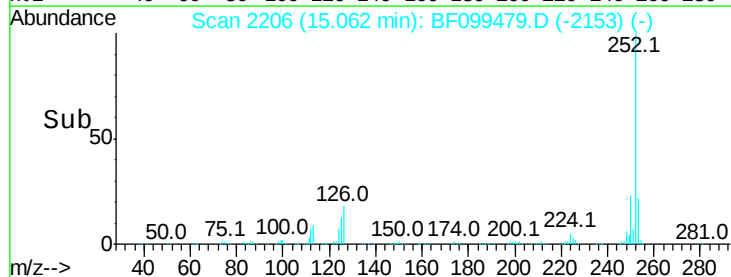
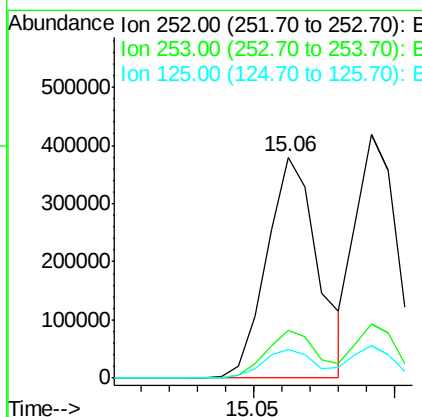
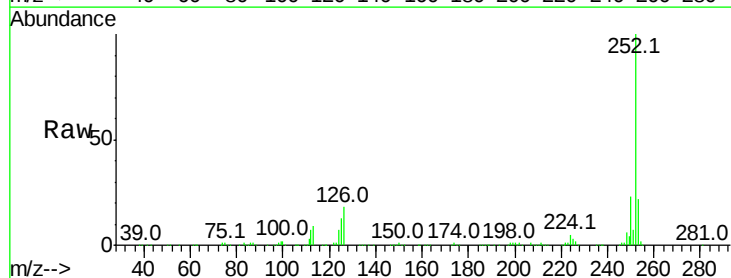
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3

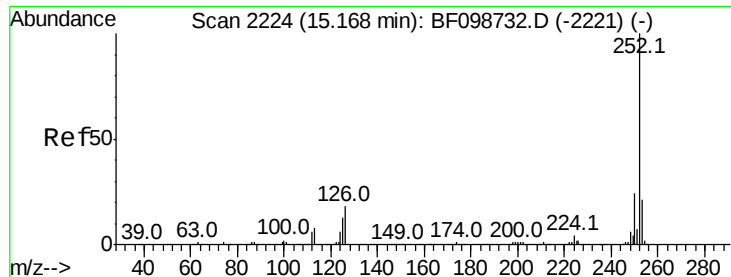


#87
Benzo(b)fluoranthene
Concen: 47.686 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:252 Resp: 478903

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	13.2	9.0	13.6

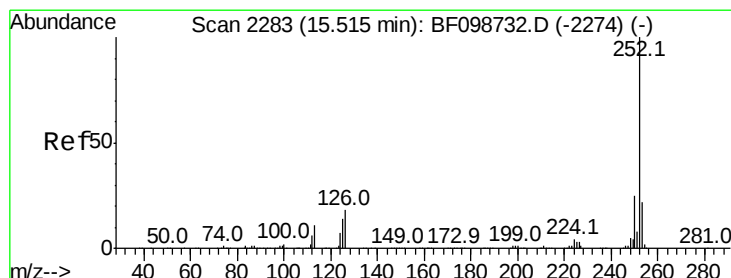
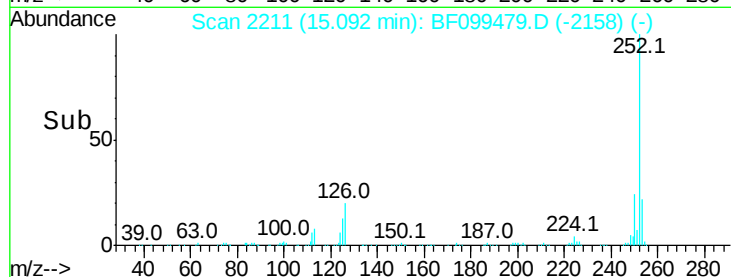
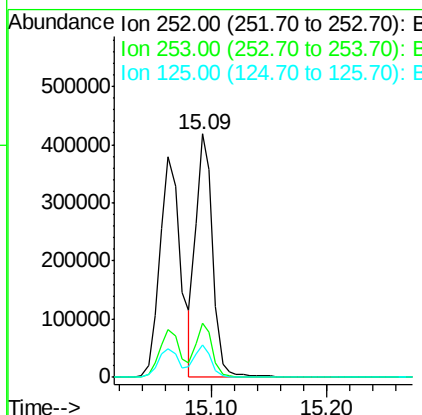
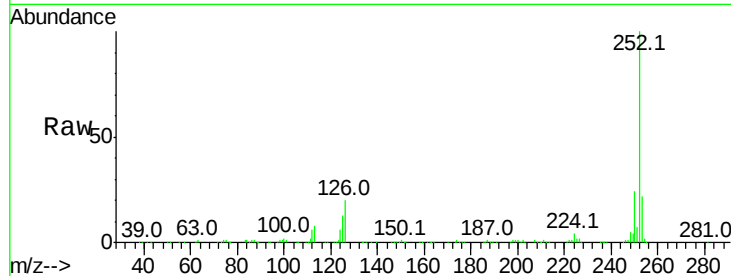




#88
Benzo(k)fluoranthene
Concen: 43.284 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

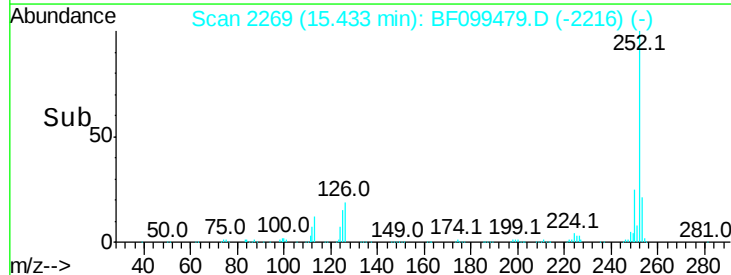
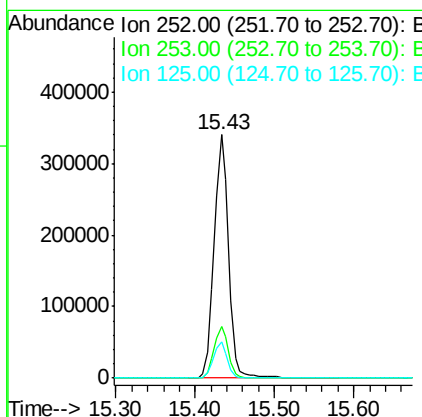
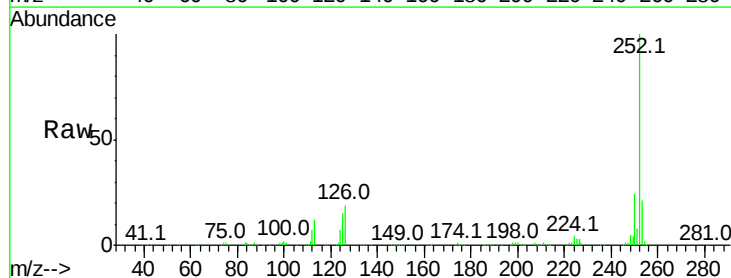
Instrument :
BNA_F
ClientSampleId :

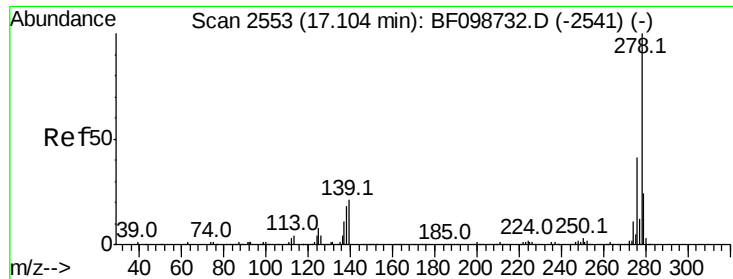
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.1	10.2	15.2



#89
Benzo(a)pyrene
Concen: 46.704 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	15.0	9.8	14.6#

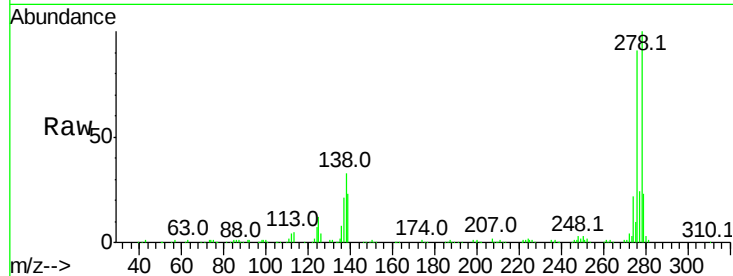




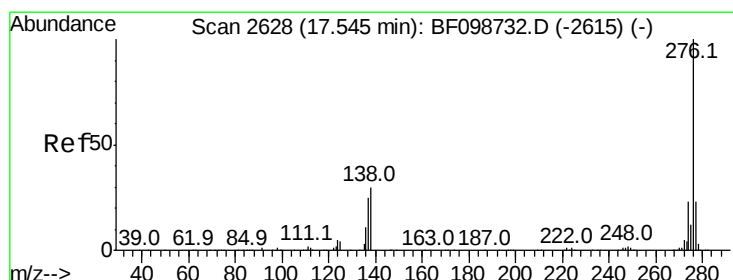
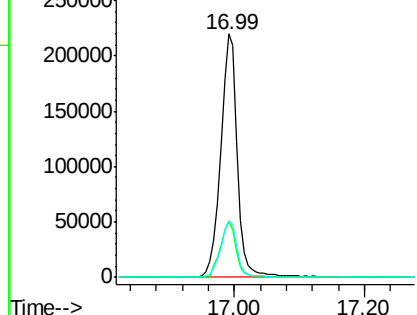
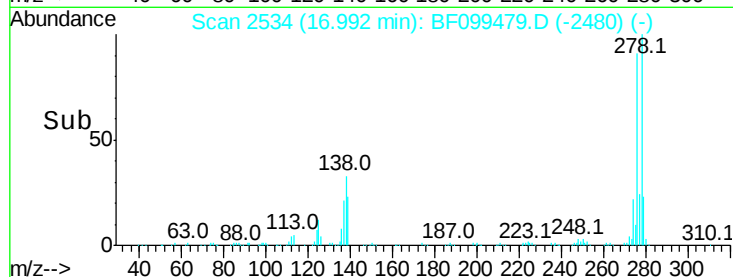
#90
Dibenzo(a,h)anthracene
Concen: 52.838 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 389824
Ion Ratio Lower Upper
278 100
139 22.9 15.9 23.9
279 23.1 19.0 28.4

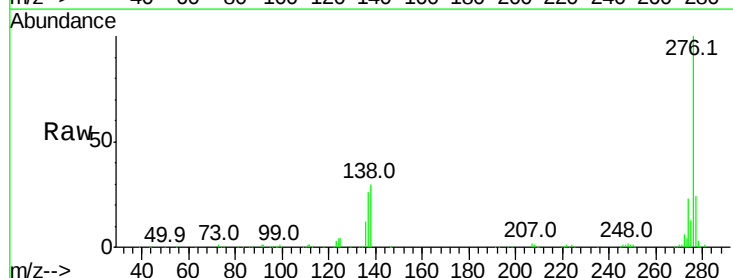


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 56.817 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.03 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion:276 Resp: 414346
Ion Ratio Lower Upper
276 100
277 23.9 17.9 26.9
138 30.1 21.8 32.8



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

