

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099632.D
 Acq On : 18 Oct 2017 22:10
 Operator : SJ/JU
 Sample : I5930-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 22:53:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	99604	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	374425	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	137568	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	198268	20.00	ng	0.00
75) Chrysene-d12	14.00	240	178140	20.00	ng	0.00
86) Perylene-d12	15.46	264	173470	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	675121	107.90	ng	0.01
7) Phenol-d6	6.48	99	792995	102.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	454415	77.83	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	113743	101.04	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	770534	93.51	ng	0.00
78) Terphenyl-d14	12.93	244	511381	65.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	79924	26.741	ng	93
3) Pyridine	3.40	79	214843	26.572	ng	92
4) n-Nitrosodimethylamine	3.35	42	91023	26.548	ng	# 77
6) Aniline	6.50	93	220600	21.176	ng	# 78
8) 2-Chlorophenol	6.62	128	239009	33.731	ng	93
9) Benzaldehyde	6.39	77	63793	14.248	ng	87
10) Phenol	6.49	94	314989	36.489	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	226220	33.709	ng	95
12) 1,3-Dichlorobenzene	6.77	146	255606	34.445	ng	97
13) 1,4-Dichlorobenzene	6.85	146	259361	34.352	ng	99
14) 1,2-Dichlorobenzene	7.00	146	239978	34.399	ng	98
15) Benzyl Alcohol	6.97	79	171658	30.315	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	288202	27.564	ng	77
17) 2-Methylphenol	7.09	107	187287	32.304	ng	96
18) Hexachloroethane	7.33	117	81452	30.014	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	144905	29.404	ng	95
20) 3+4-Methylphenols	7.25	107	236103	32.191	ng	# 75
22) Acetophenone	7.24	105	309197	34.084	ng	# 98
24) Nitrobenzene	7.42	77	224469	33.892	ng	95
25) Isophorone	7.65	82	408250	33.820	ng	97
26) 2-Nitrophenol	7.73	139	121367	38.107	ng	# 83
27) 2,4-Dimethylphenol	7.77	122	199104	33.103	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	271135	36.043	ng	98
29) 2,4-Dichlorophenol	7.97	162	184194	35.669	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	192784	37.326	ng	99
31) Naphthalene	8.13	128	630848	35.874	ng	100
32) Benzoic acid	7.77	122	199104	40.299	ng	# 12
33) 4-Chloroaniline	8.19	127	131967	17.970	ng	95
34) Hexachlorobutadiene	8.24	225	95157	35.770	ng	99
35) Caprolactam	8.55	113	53457	32.271	ng	# 80
36) 4-Chloro-3-methylphenol	8.67	107	172531	29.725	ng	95
37) 2-Methylnaphthalene	8.82	142	414822	36.286	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	162598	39.632	ng	98
40) Hexachlorocyclopentadiene	8.97	237	22696	12.105	ng	98

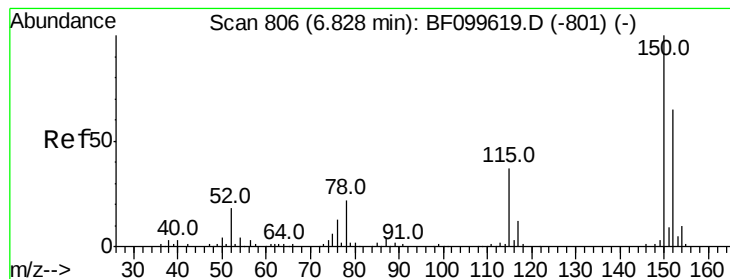
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099632.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	108192	37.225	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	106199	36.603	nq	95
45) 1,1'-Biphenyl	9.29	154	465444	39.367	nq	98
46) 2-Chloronaphthalene	9.31	162	351380	39.583	nq	98
47) 2-Nitroaniline	9.42	65	94608	34.806	nq	88
48) Acenaphthylene	9.73	152	505179	37.175	nq	99
49) Dimethylphthalate	9.58	163	432945	41.698	nq	100
50) 2,6-Dinitrotoluene	9.66	165	86228	38.147	nq	# 77
51) Acenaphthene	9.90	154	291139	33.821	nq	99
52) 3-Nitroaniline	9.83	138	76016	28.841	nq	90
53) 2,4-Dinitrophenol	9.95	184	12228	15.461	nq	91
54) Dibenzofuran	10.07	168	422740	36.884	nq	99
55) 4-Nitrophenol	10.00	139	100320	45.014	nq	87
56) 2,4-Dinitrotoluene	10.06	165	98122	33.447	nq	92
57) Fluorene	10.41	166	321045	34.850	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	67835	33.846	nq	97
59) Diethylphthalate	10.28	149	364659	35.943	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	153300	37.046	nq	97
61) 4-Nitroaniline	10.44	138	69682	27.404	nq	87
62) Azobenzene	10.56	77	302095	32.384	nq	91
64) 4,6-Dinitro-2-methylphenol	10.47	198	17407	14.430	nq	80
65) n-Nitrosodiphenylamine	10.52	169	287998	41.930	nq	98
66) 4-Bromophenyl-phenylether	10.89	248	78762	40.584	nq	# 89
67) Hexachlorobenzene	10.96	284	75455	36.403	nq	# 89
68) Atrazine	11.05	200	80655	39.029	nq	99
69) Pentachlorophenol	11.16	266	62765	48.655	nq	99
70) Phenanthrene	11.37	178	407771	38.423	nq	98
71) Anthracene	11.43	178	416562	38.362	nq	100
72) Carbazole	11.59	167	383178	36.034	nq	99
73) Di-n-butylphthalate	11.90	149	466302	36.431	nq	98
74) Fluoranthene	12.56	202	428366	39.861	nq	99
76) Benzidine	12.69	184	271860	41.261	nq	97
77) Pyrene	12.80	202	446385	32.861	nq	99
79) Butylbenzylphthalate	13.40	149	206025	32.272	nq	96
80) Benzo(a)anthracene	13.99	228	408434	37.864	nq	98
81) 3,3'-Dichlorobenzidine	13.94	252	141787	35.856	nq	97
82) Chrysene	14.02	228	386130	37.600	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	292245	33.245	nq	# 98
84) Di-n-octyl phthalate	14.56	149	536480	37.901	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.94	276	329143	40.066	nq	96
87) Benzo(b)fluoranthene	15.03	252	426683	40.005	nq	# 96
88) Benzo(k)fluoranthene	15.06	252	354171	33.620	nq	99
89) Benzo(a)pyrene	15.40	252	364388	37.219	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	279770	35.707	nq	96
91) Benzo(g,h,i)perylene	17.39	276	264370	34.135	nq	95

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

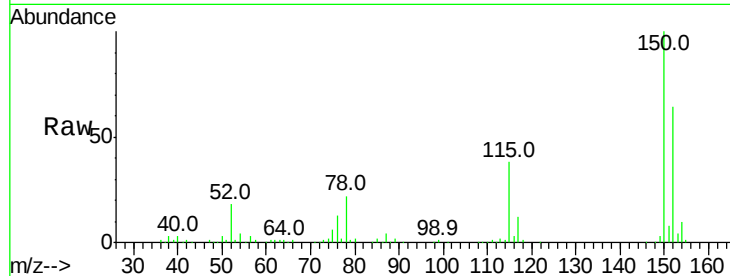


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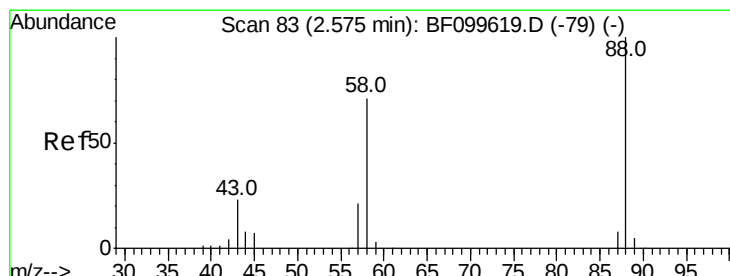
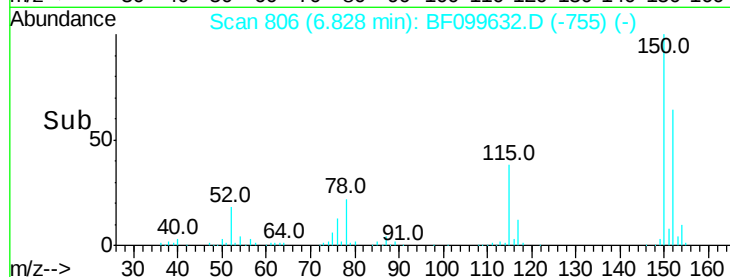
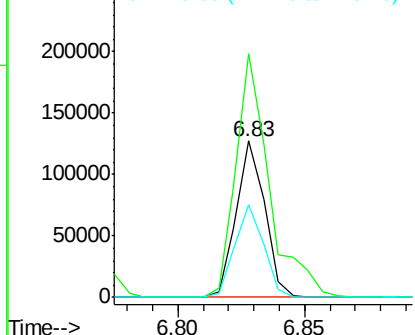
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99604
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 58.9 50.1 75.1



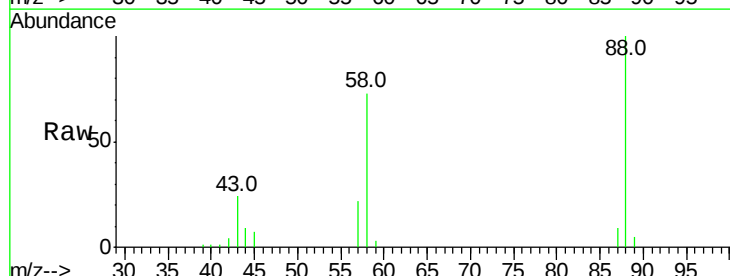
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



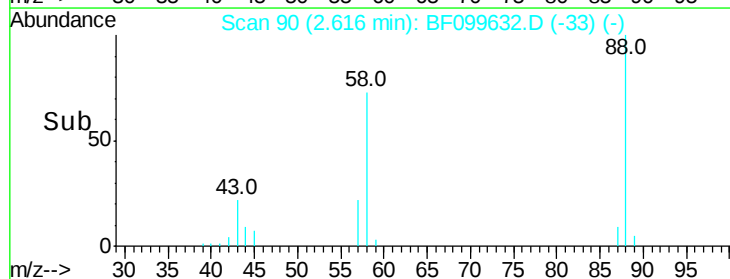
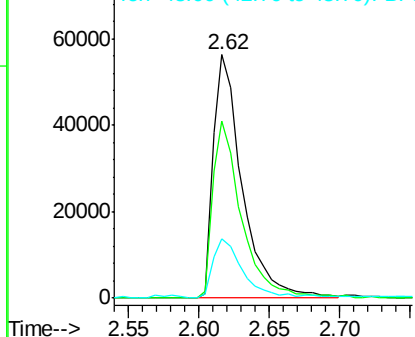
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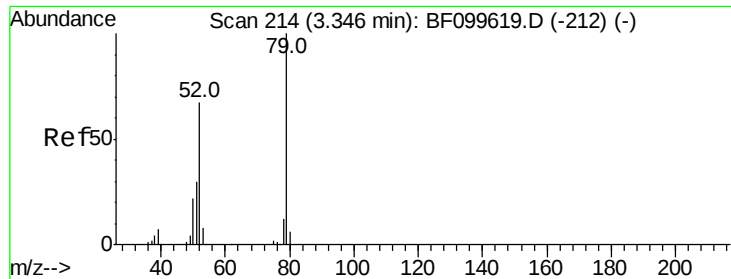
1,4-Dioxane
Concen: 26.741 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion: 88 Resp: 79924
Ion Ratio Lower Upper
88 100
58 72.8 62.6 93.8
43 26.2 24.6 37.0



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

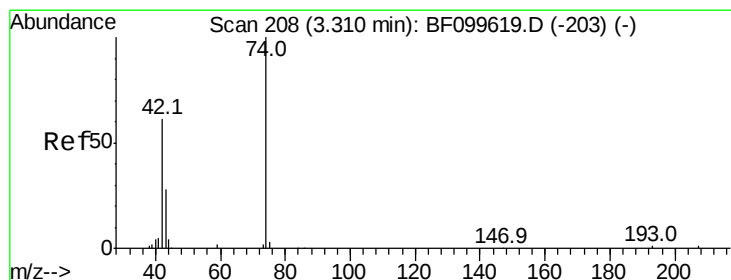
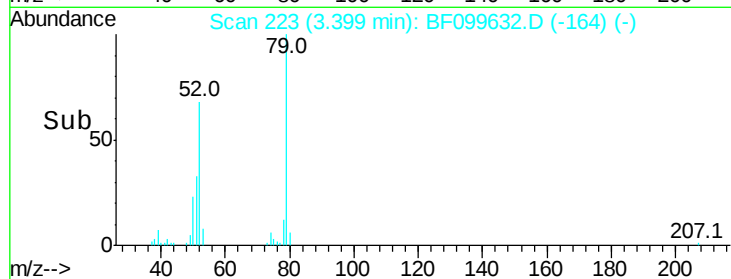
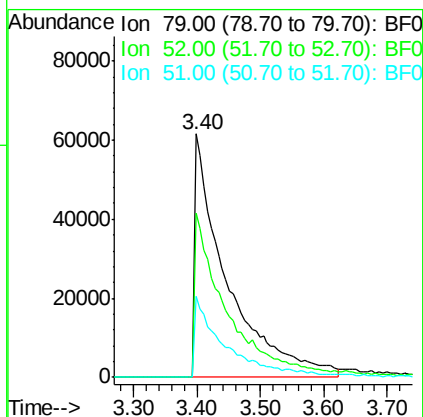
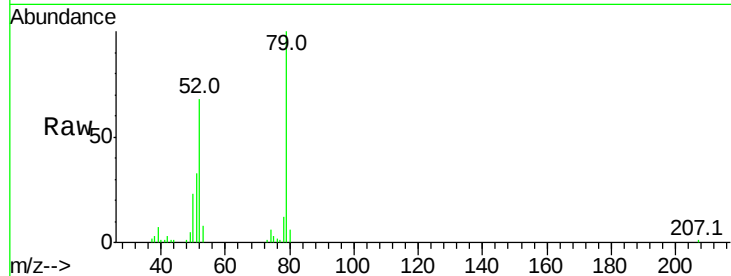




#3
 Pvridine
 Concen: 26.572 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.05 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

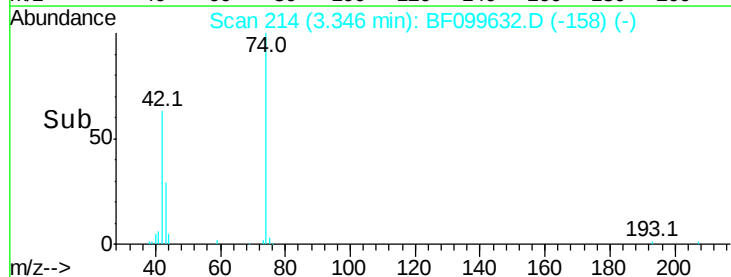
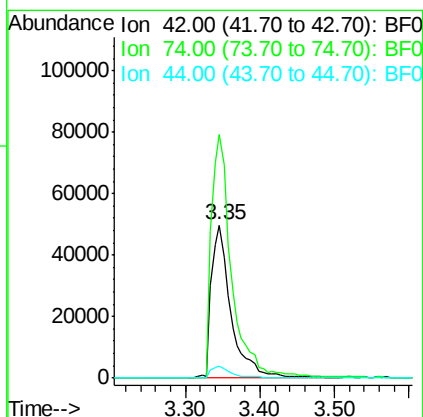
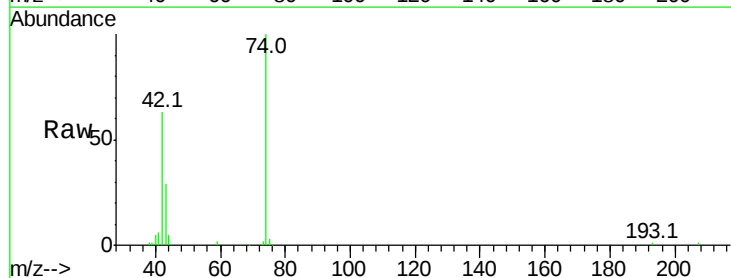
Instrument :
 BNA_F
 ClientSampleId :

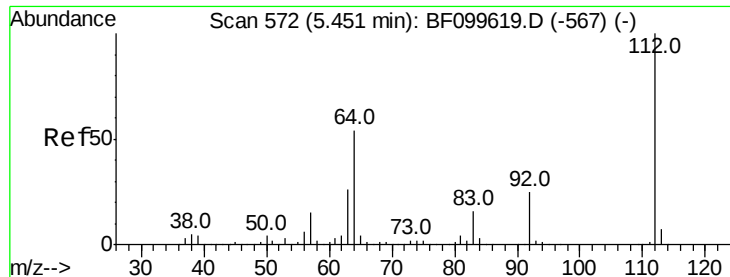
Tot Ion: 79 Resp: 214843
 Ion Ratio Lower Upper
 79 100
 52 67.5 59.8 89.6
 51 33.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 26.548 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.03 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion: 42 Resp: 91023
 Ion Ratio Lower Upper
 42 100
 74 159.4 104.9 157.3#
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 107.900 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampled :

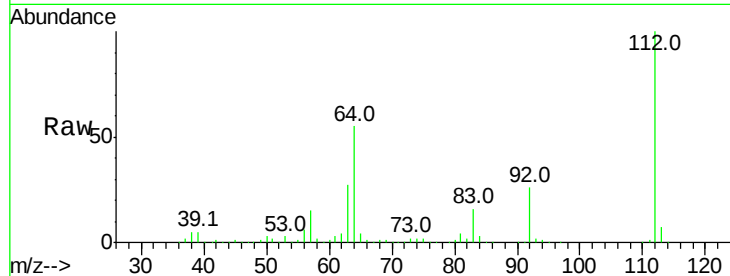
Tot Ion:112 Resp: 675121

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

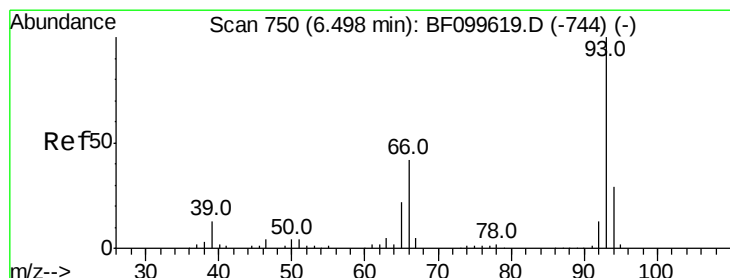
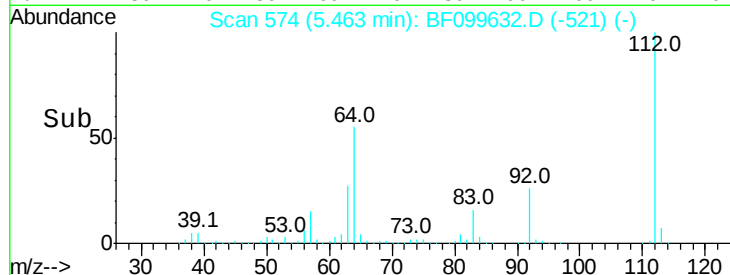
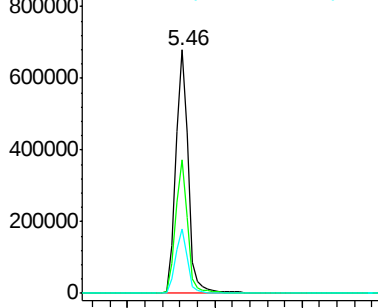
63 26.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.176 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

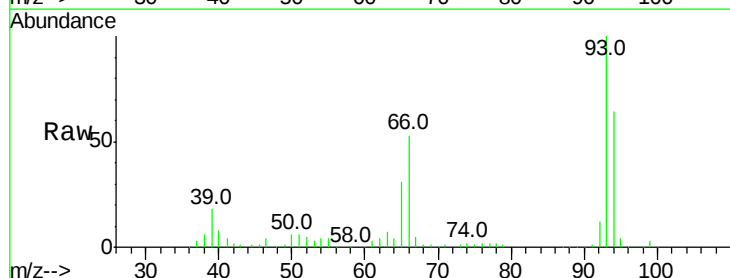
Tgt Ion: 93 Resp: 220600

Ion Ratio Lower Upper

93 100

66 53.4 32.2 48.2#

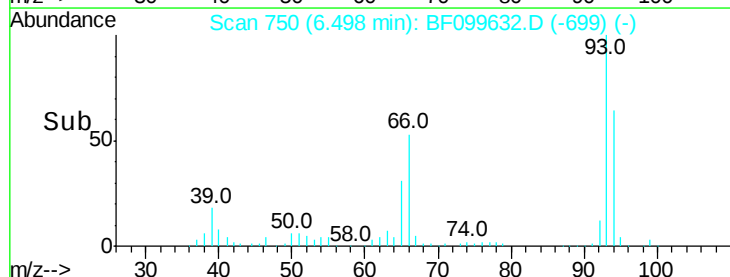
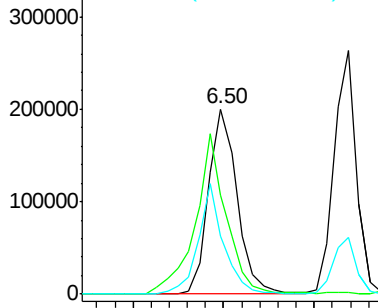
65 31.0 16.4 24.6#

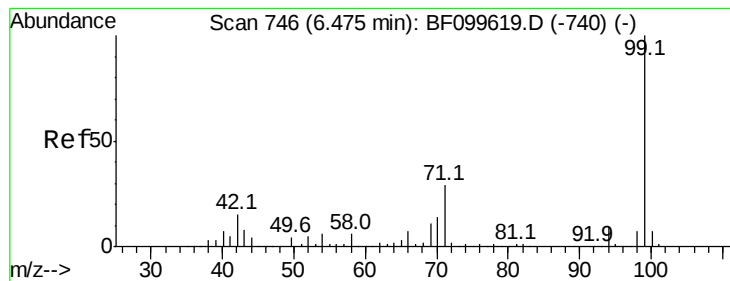


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.738 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampled :

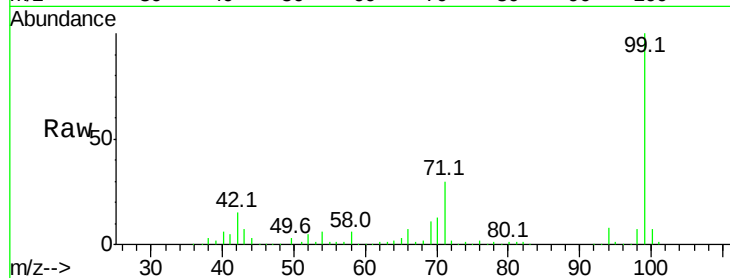
Tot Ion: 99 Resp: 792995

Ion Ratio Lower Upper

99 100

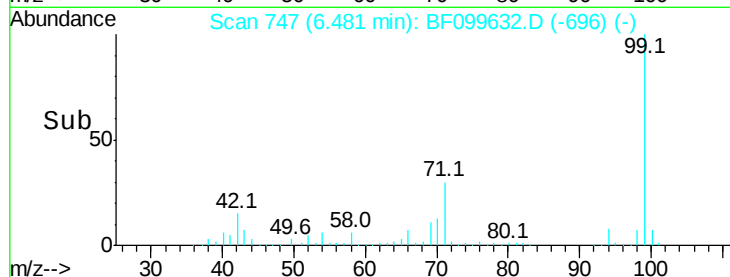
42 14.6 14.5 21.7

71 29.9 25.4 38.0

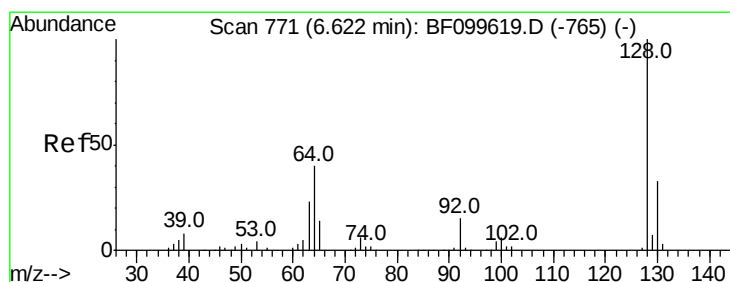


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.48



Time-->



#8

2-Chlorophenol

Concen: 33.731 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

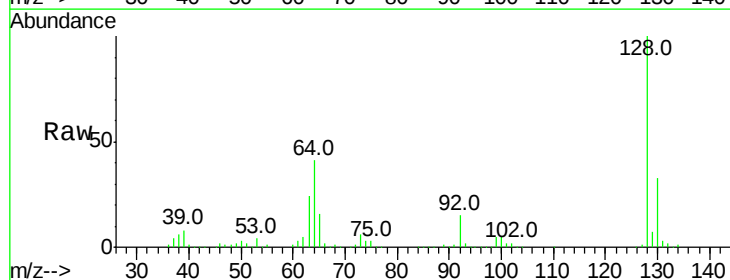
Tgt Ion: 128 Resp: 239009

Ion Ratio Lower Upper

128 100

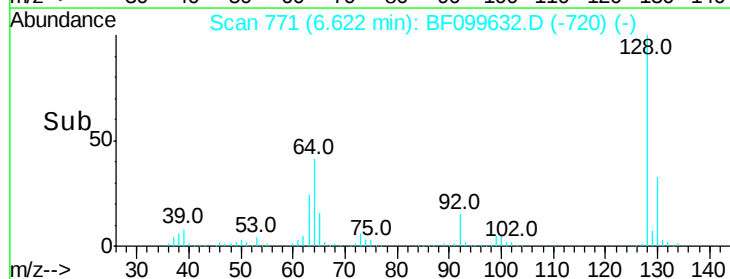
130 33.1 13.0 53.0

64 41.1 29.4 69.4

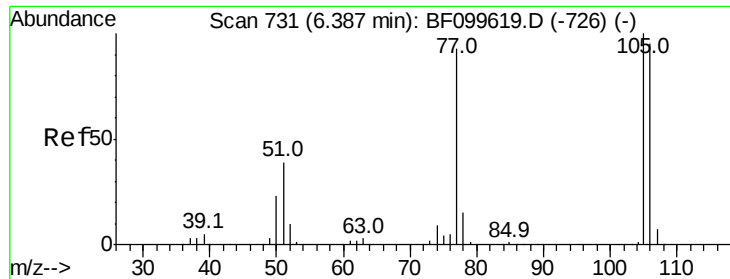


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

6.62



Time-->



#9

Benzaldehyde

Concen: 14.248 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

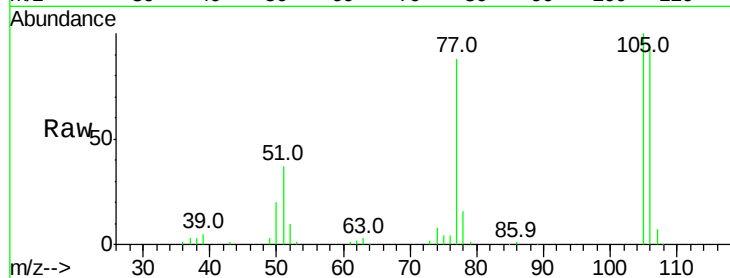
Tot Ion: 77 Resp: 63793

Ion Ratio Lower Upper

77 100

105 113.6 81.1 121.1

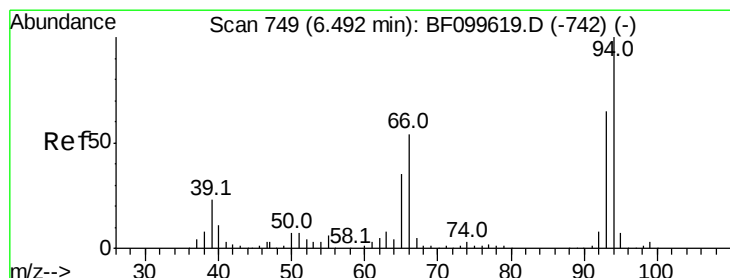
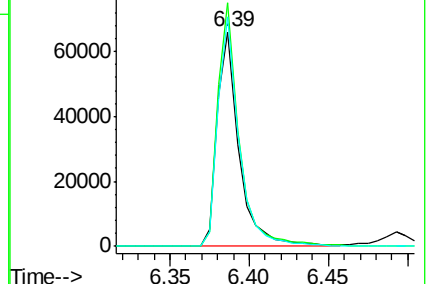
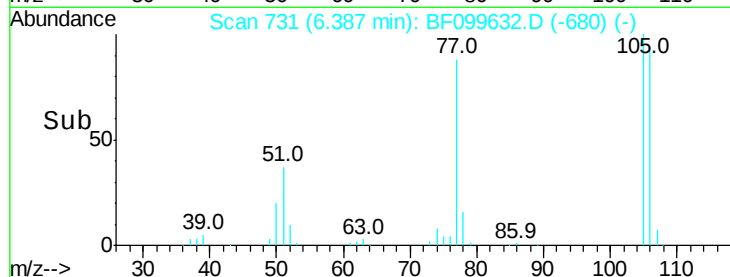
106 106.8 74.5 114.5



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: 36.489 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

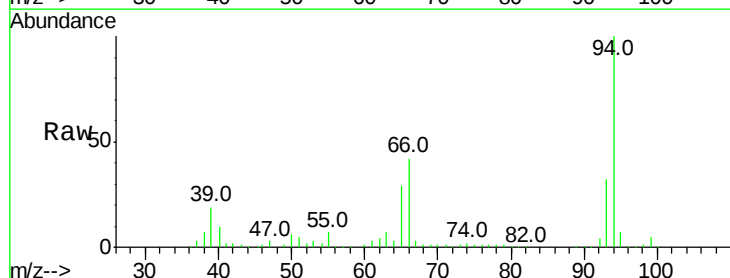
Tgt Ion: 94 Resp: 314989

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

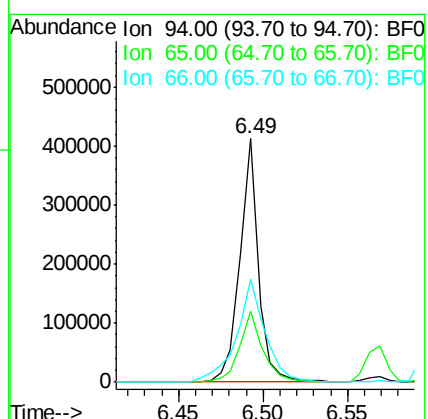
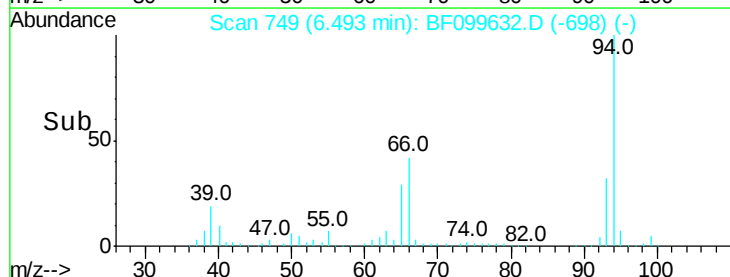
66 42.1 16.2 56.2

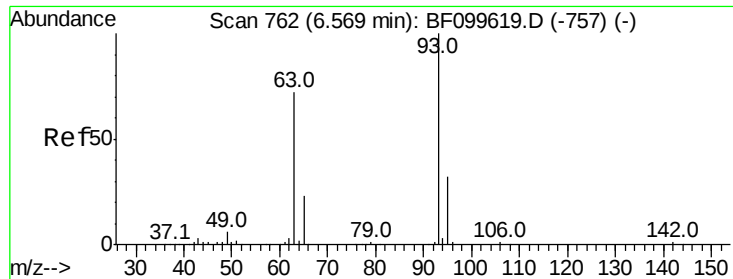


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.709 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

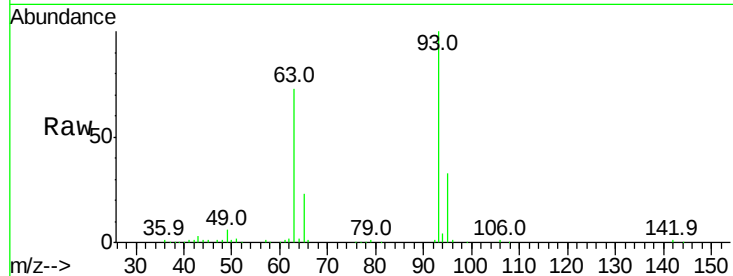
Tot Ion: 93 Resp: 226220

Ion Ratio Lower Upper

93 100

63 72.8 58.6 98.6

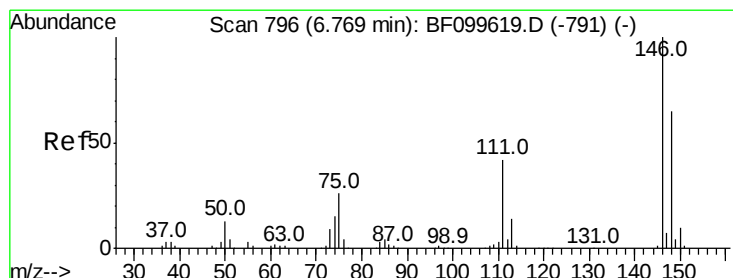
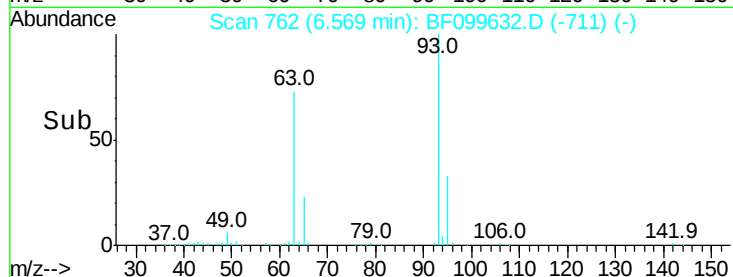
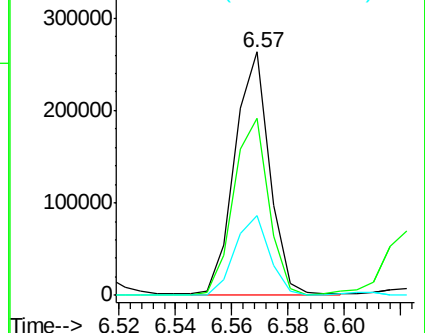
95 32.6 11.8 51.8



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: 34.445 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

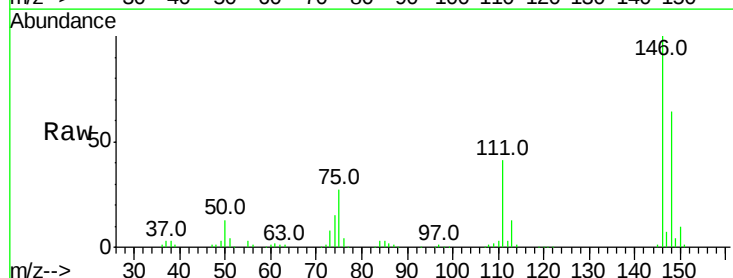
Tgt Ion: 146 Resp: 255606

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

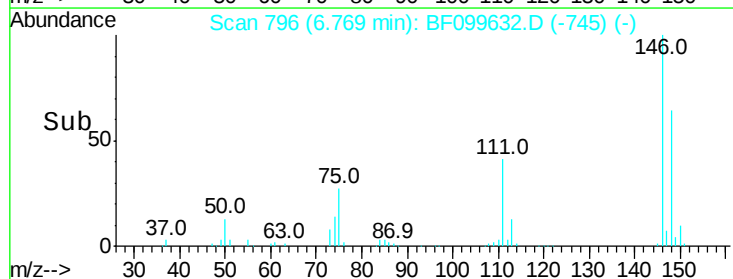
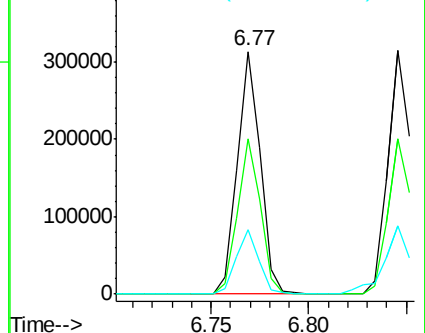
75 26.7 24.2 36.4

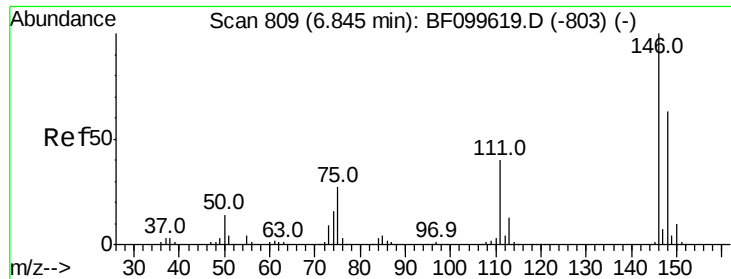


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

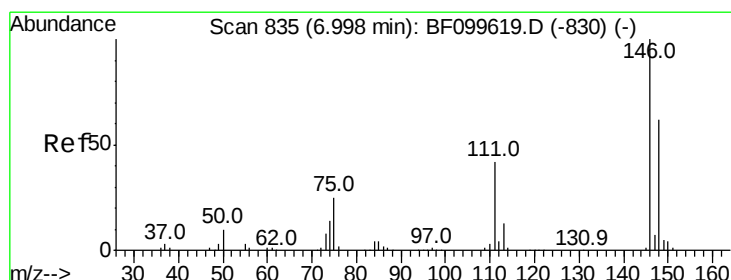
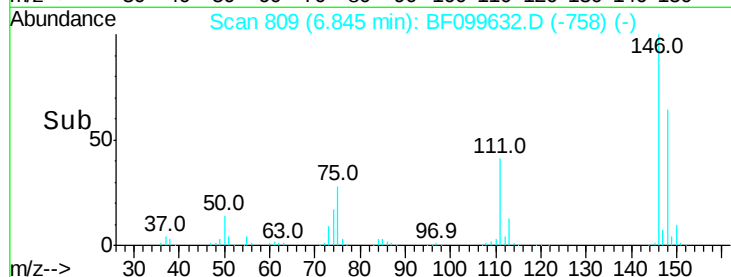
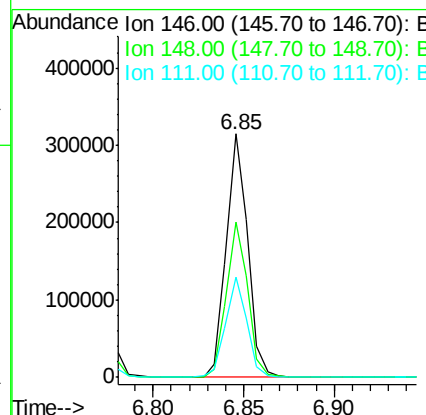
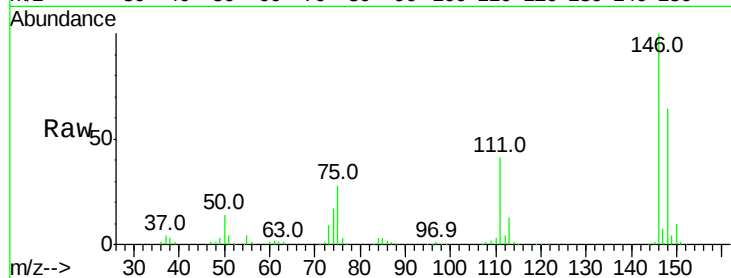




#13
 1,4-Dichlorobenzene
 Concen: 34.352 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

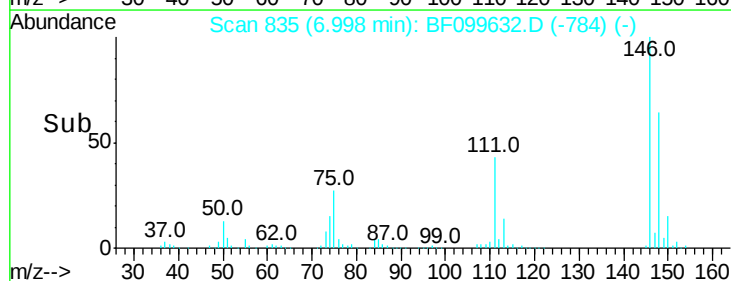
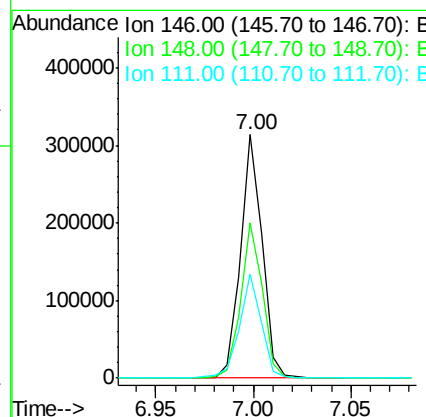
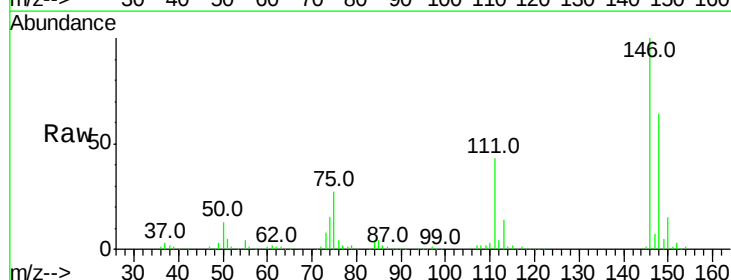
Instrument :
 BNA_F
 ClientSampleId :

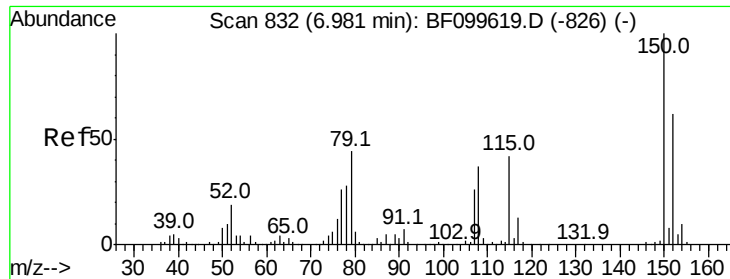
Tot Ion:146 Resp: 259361
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 41.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.399 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:146 Resp: 239978
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 42.8 36.0 54.0

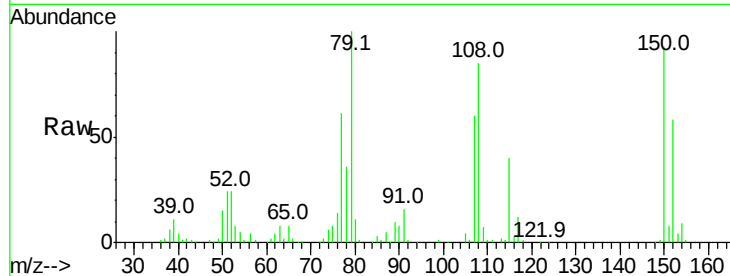




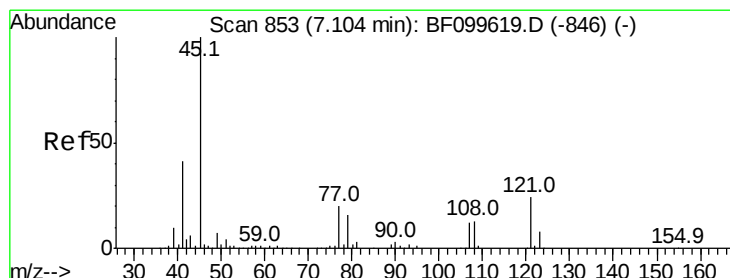
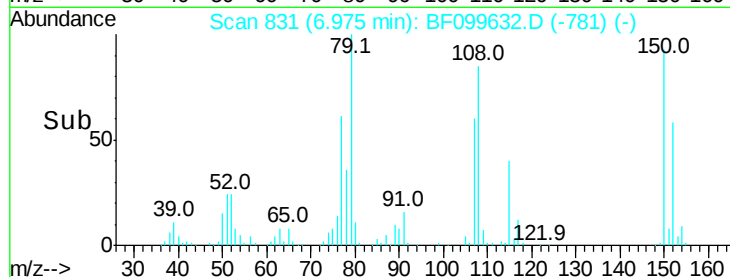
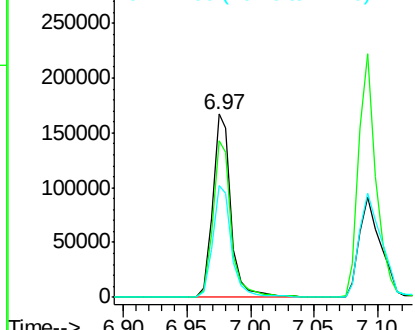
#15
Benzyl Alcohol
Concen: 30.315 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 171658
Ion Ratio Lower Upper
79 100
108 85.5 65.1 97.7
77 61.3 50.6 75.8

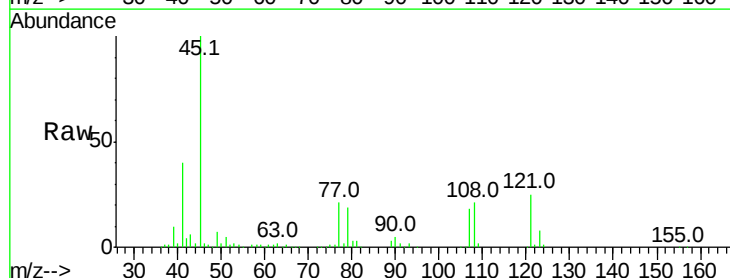


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

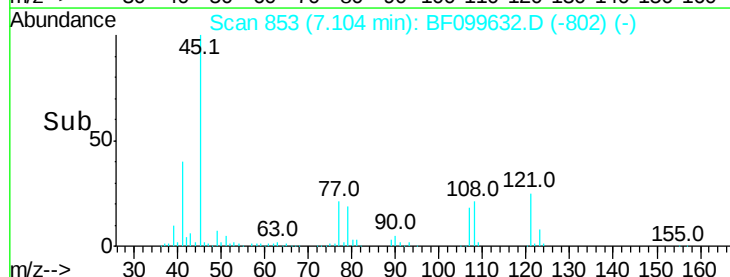
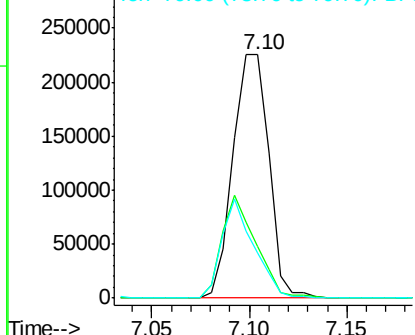


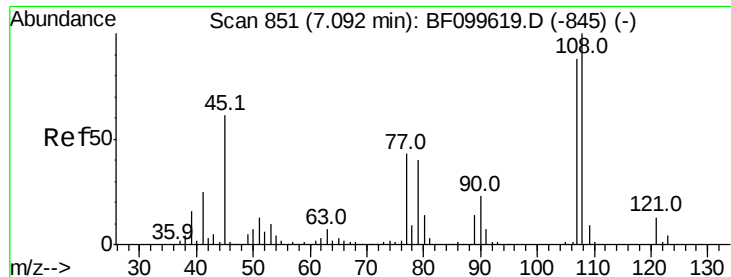
#16
2,2'-oxybis(1-chloropropane)
Concen: 27.564 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion: 45 Resp: 288202
Ion Ratio Lower Upper
45 100
77 21.4 0.0 32.9
79 18.6 0.0 29.6



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

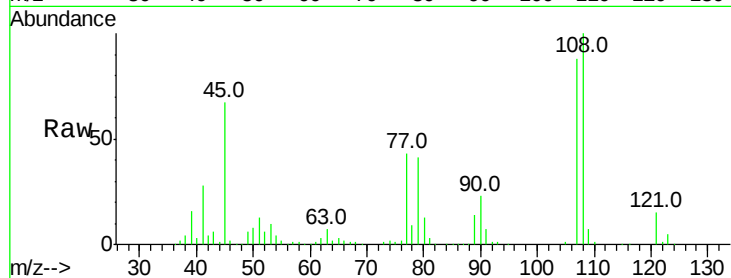




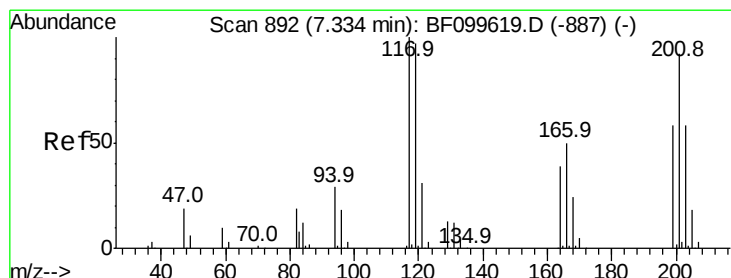
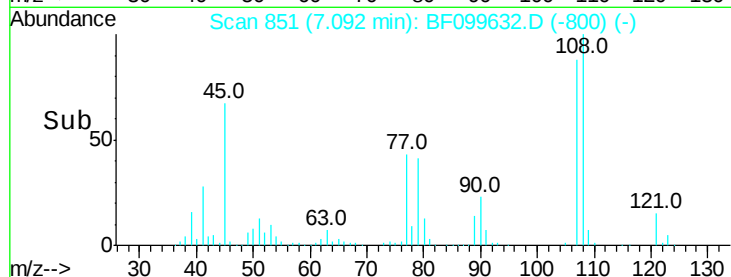
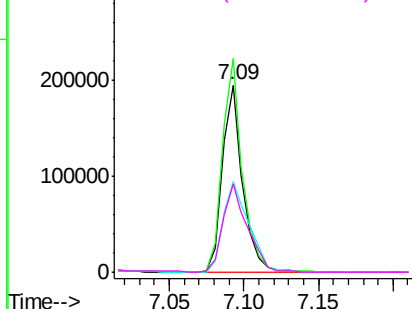
#17
2-Methylphenol
Concen: 32.304 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 187287
Ion Ratio Lower Upper
107 100
108 114.0 91.7 137.5
77 48.6 33.8 50.8
79 46.9 33.8 50.8

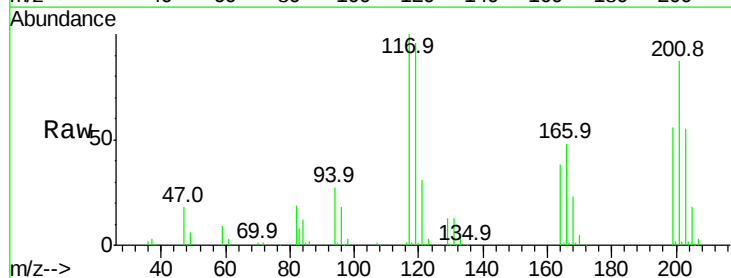


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

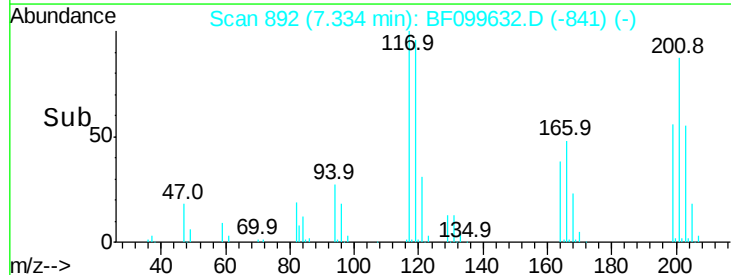
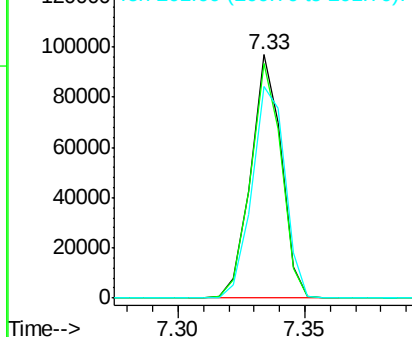


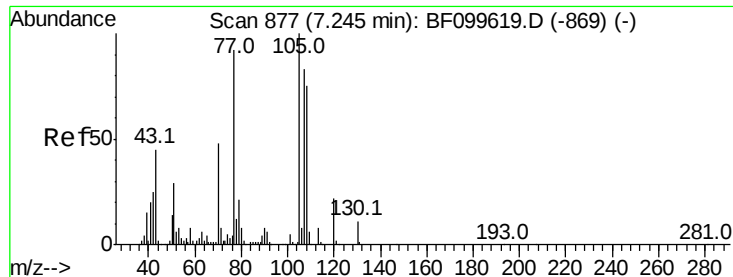
#18
Hexachloroethane
Concen: 30.014 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:117 Resp: 81452
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 87.1 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

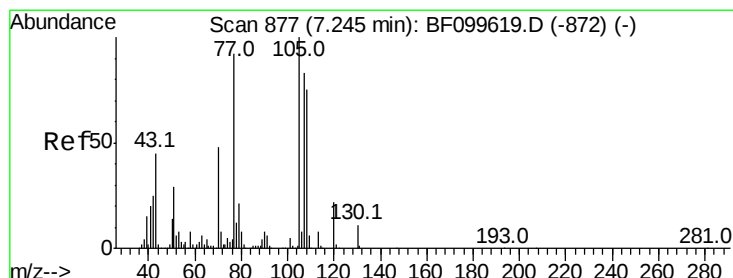
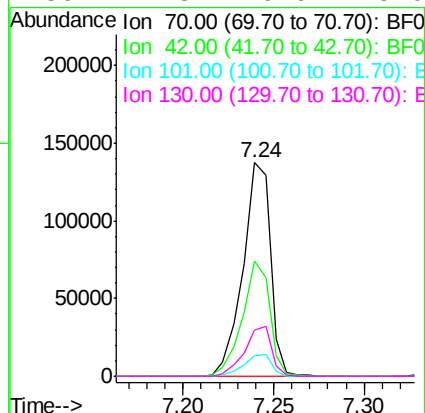
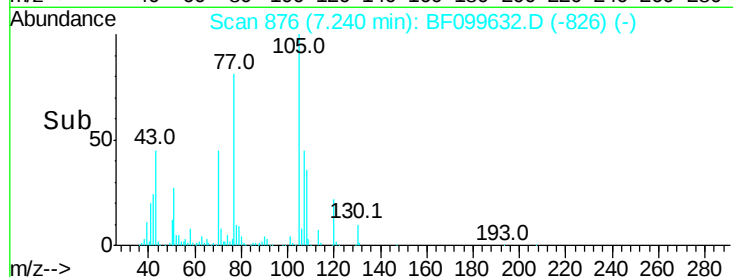
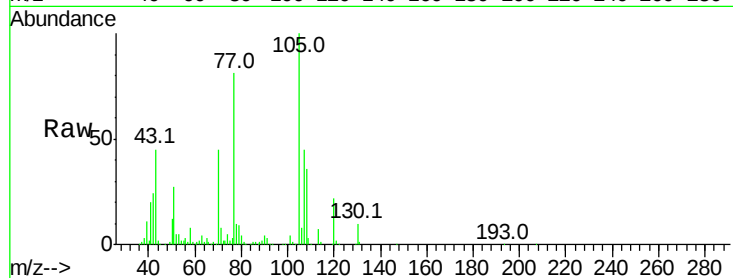




#19
n-Nitroso-di-n-propylamine
Concen: 29.404 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

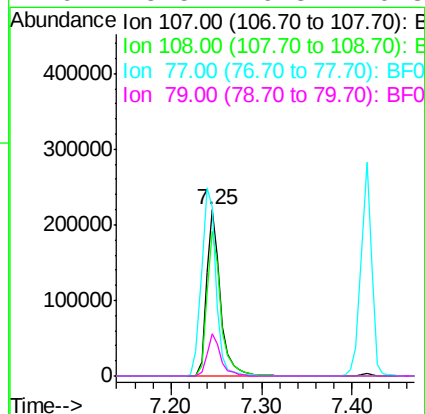
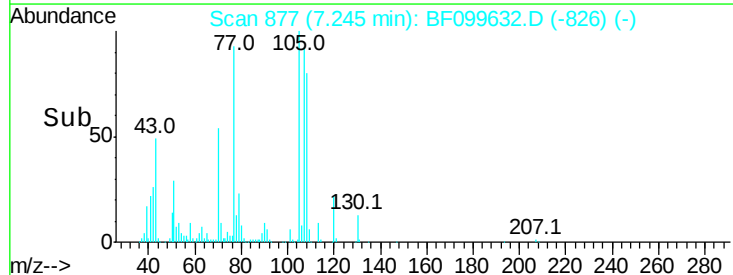
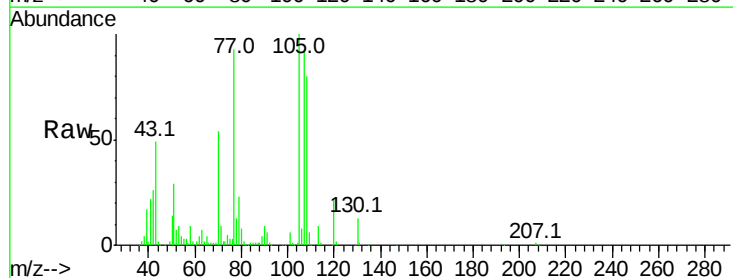
Instrument :
BNA_F
ClientSampleId :

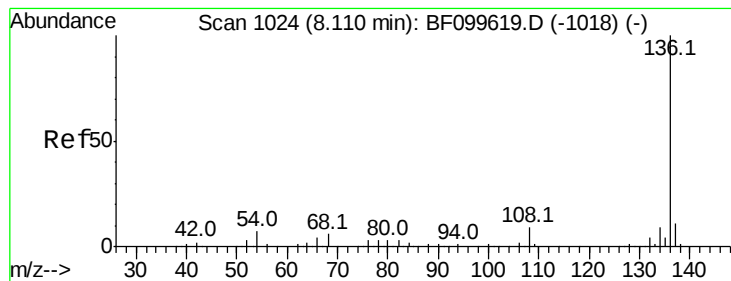
Tot Ion:	70	Resp:	144905
Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	9.9	7.4	11.2
130	21.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 32.191 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:	107	Resp:	236103
Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.2	108.2
77	101.3	26.7	66.7#
79	25.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 374425

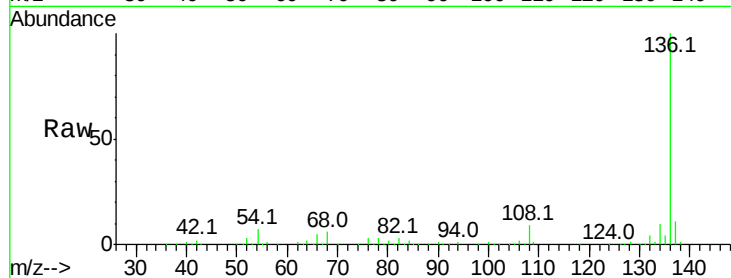
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

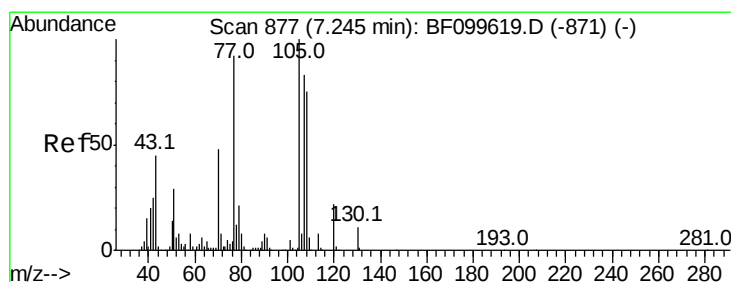
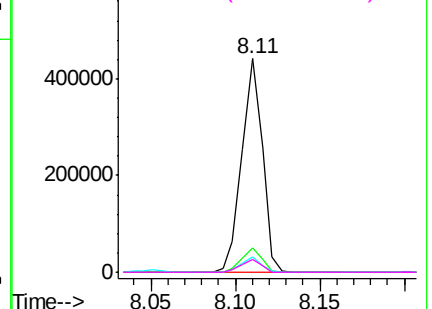
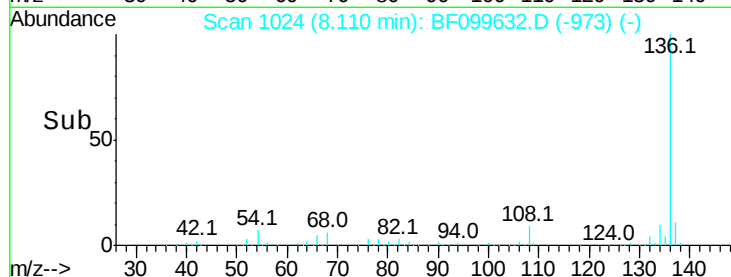


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.084 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Tgt Ion:105 Resp: 309197

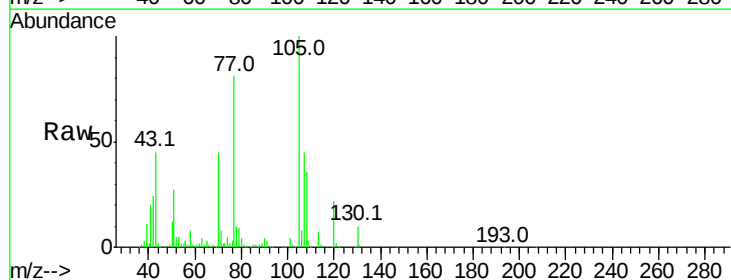
Ion Ratio Lower Upper

105 100

71 7.6 4.4 6.6#

51 26.7 22.3 33.5

120 21.8 16.9 25.3

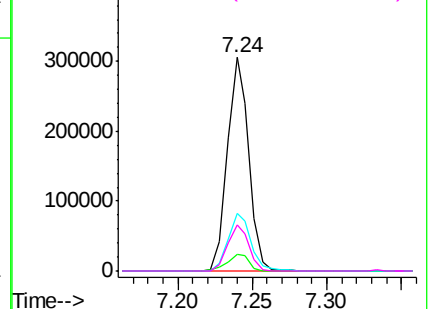
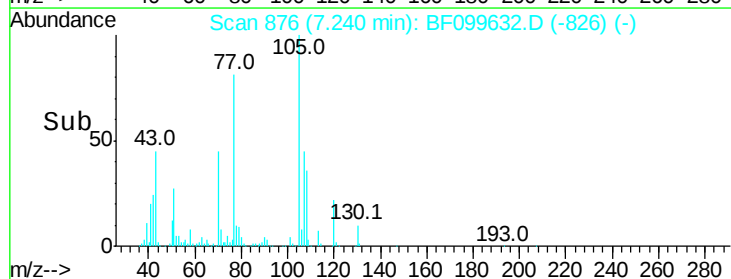


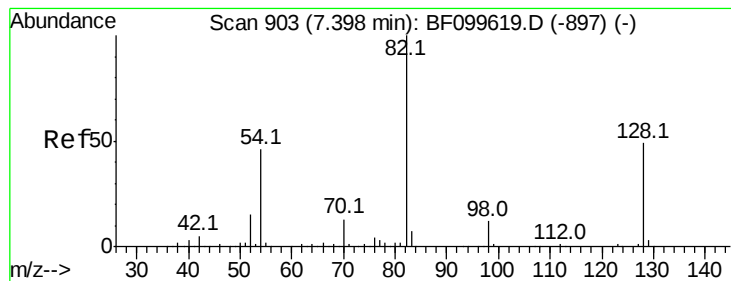
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.831 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

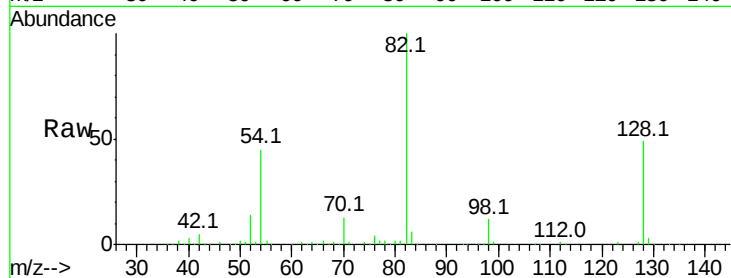
Tot Ion: 82 Resp: 454415

Ion Ratio Lower Upper

82 100

128 49.2 36.1 54.1

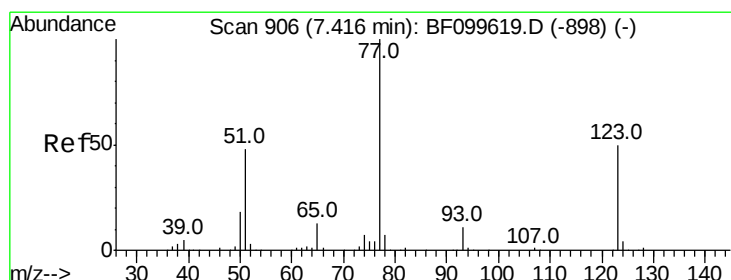
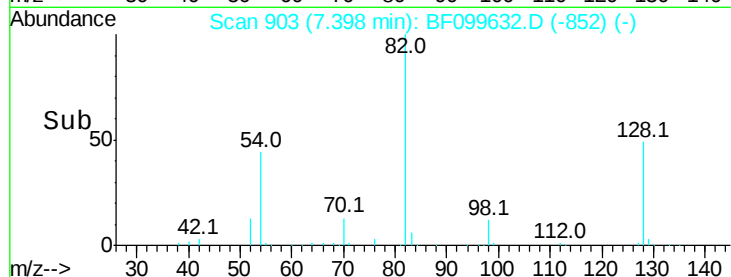
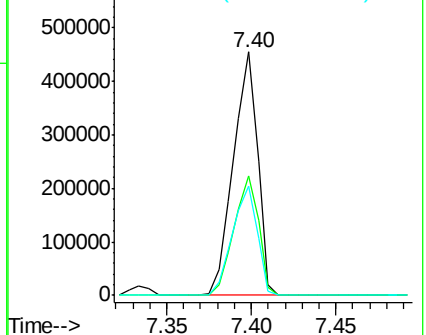
54 45.1 41.4 62.2



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: 33.892 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

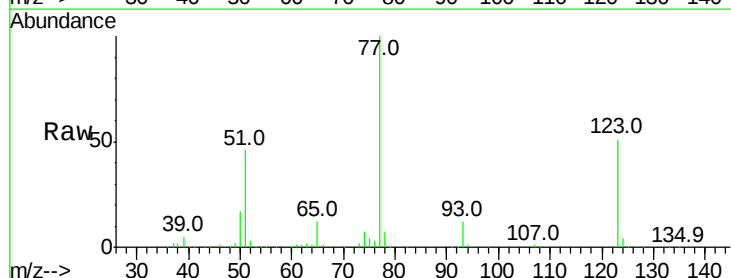
Tgt Ion: 77 Resp: 224469

Ion Ratio Lower Upper

77 100

123 50.8 37.9 56.9

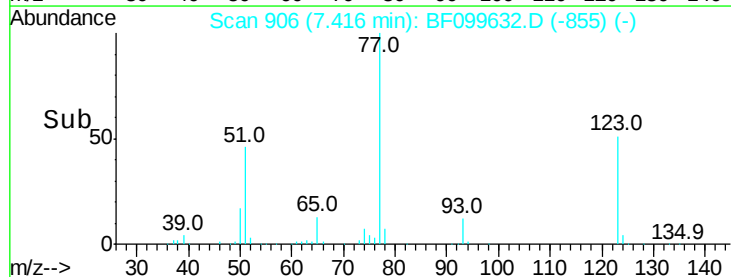
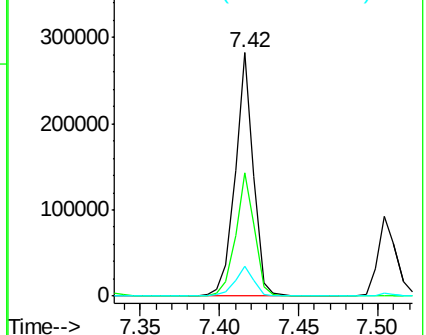
65 12.5 11.0 16.4

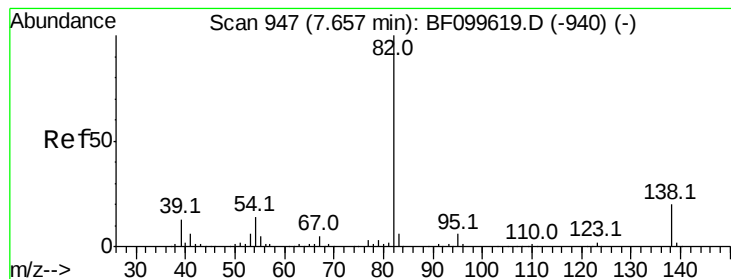


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.820 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

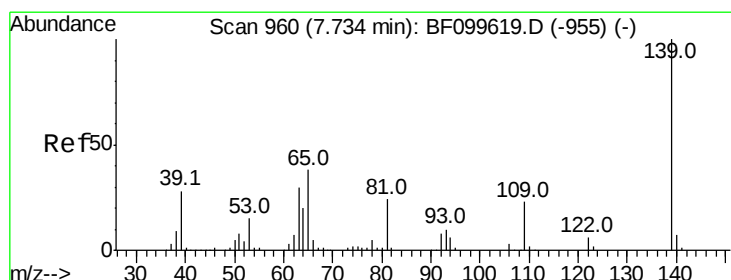
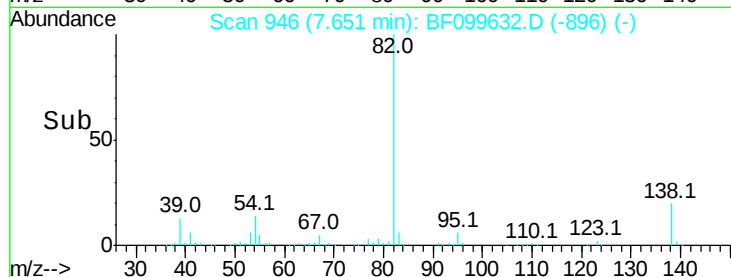
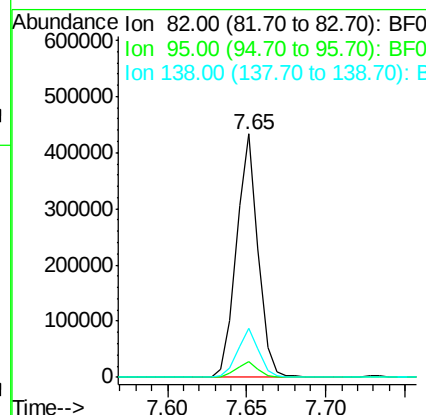
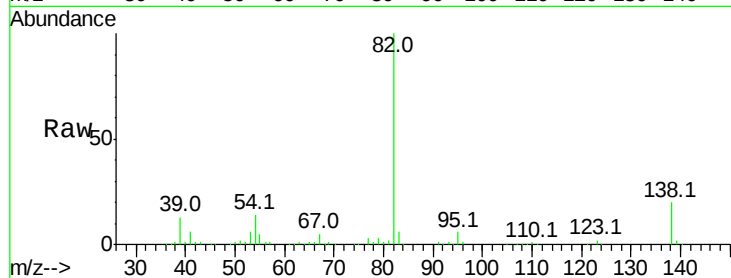
Tot Ion: 82 Resp: 408250

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 20.2 14.9 22.3



#26

2-Nitrophenol

Concen: 38.107 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

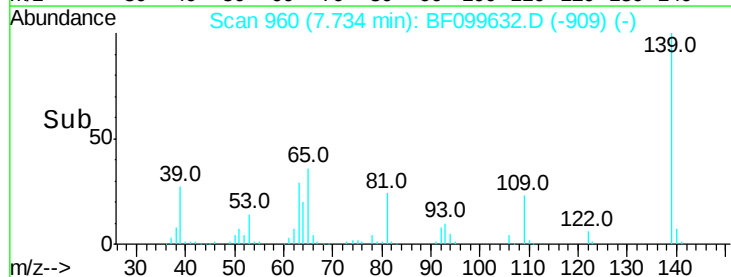
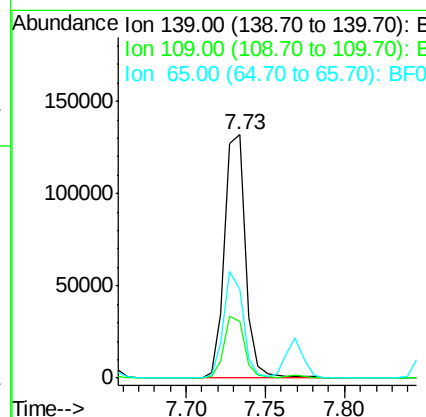
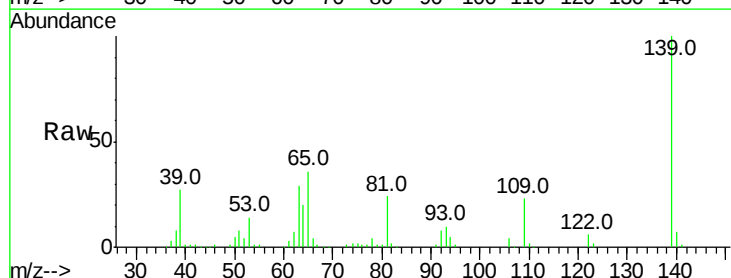
Tgt Ion:139 Resp: 121367

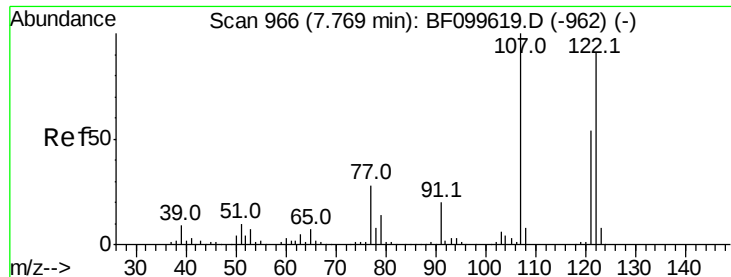
Ion Ratio Lower Upper

139 100

109 23.1 22.7 34.1

65 36.3 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 33.103 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

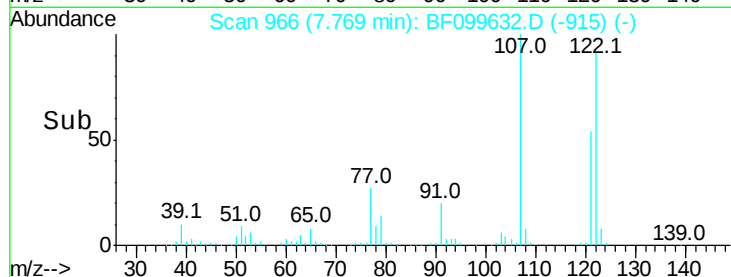
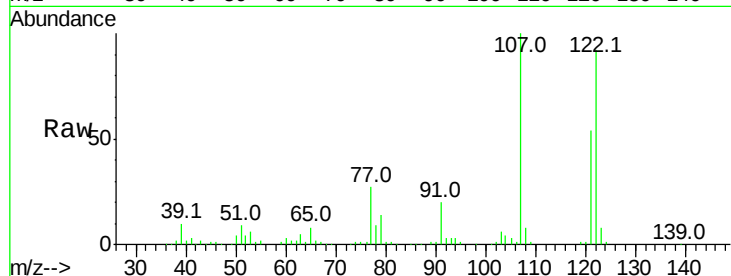
Tot Ion:122 Resp: 199104

Ion Ratio Lower Upper

122 100

107 108.2 91.2 136.8

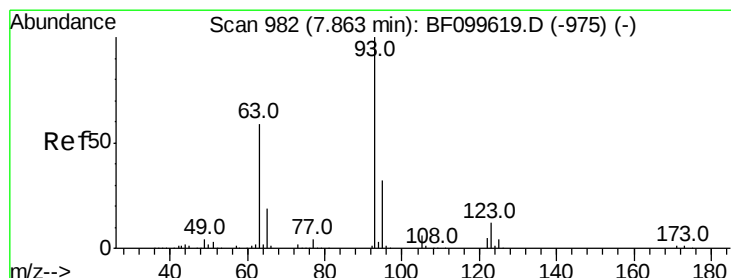
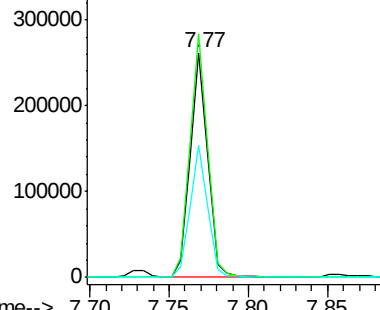
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.043 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

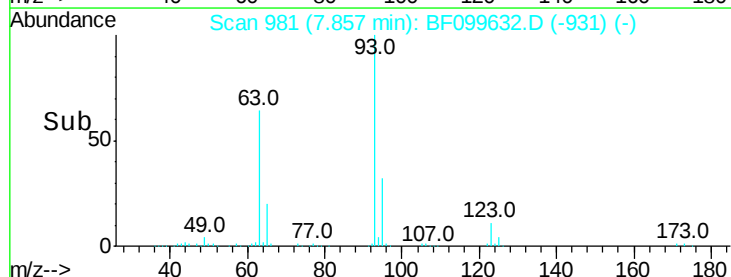
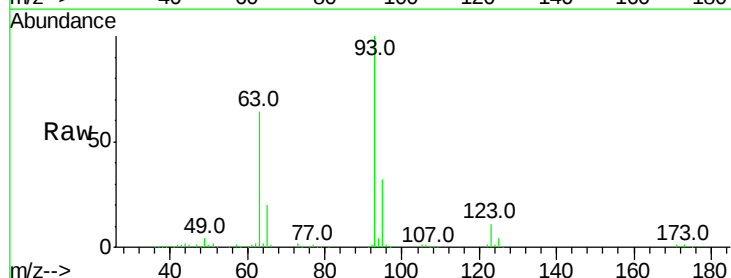
Tgt Ion: 93 Resp: 271135

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

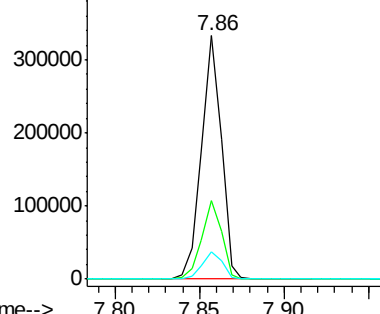
123 11.3 9.8 14.6

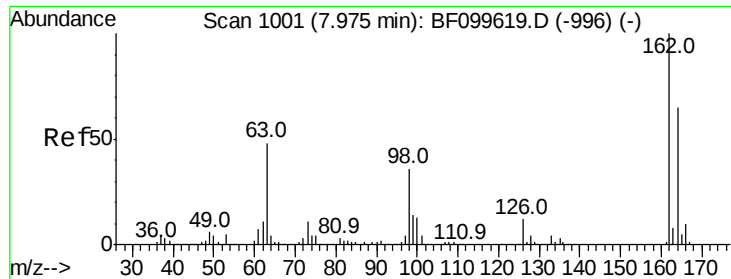


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

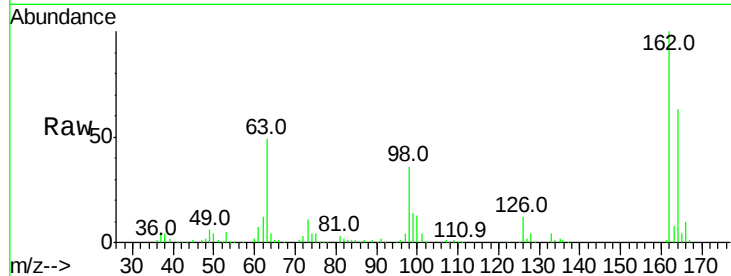




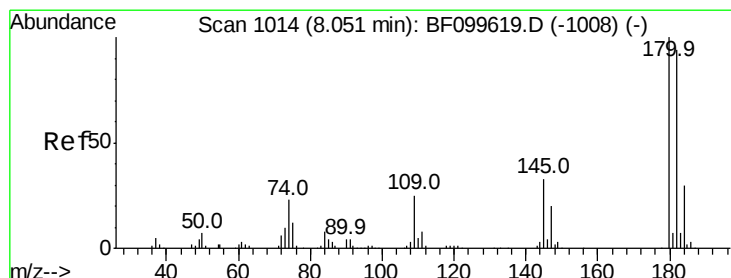
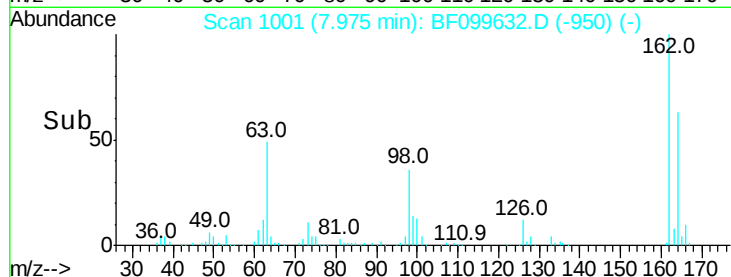
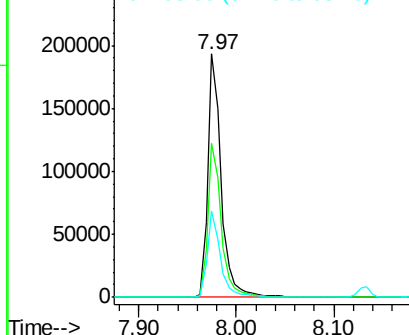
#29
 2,4-Dichlorophenol
 Concen: 35.669 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 184194
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 35.5 18.1 58.1

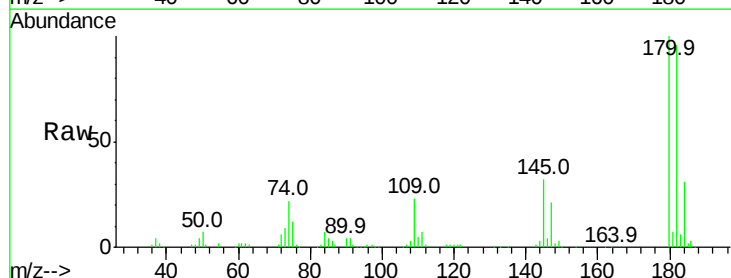


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

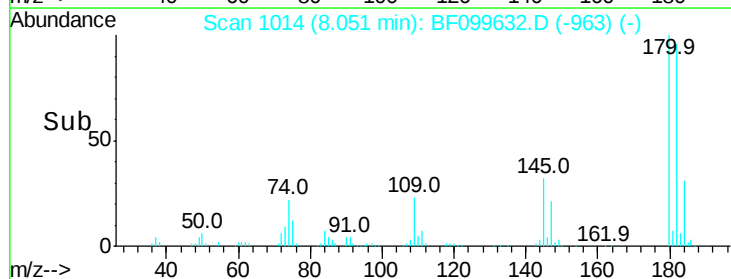
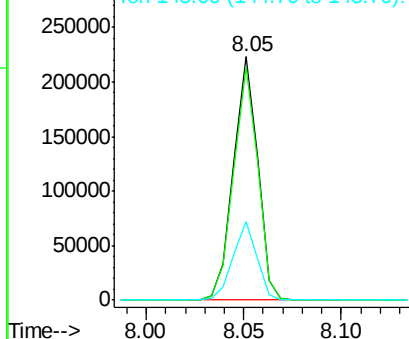


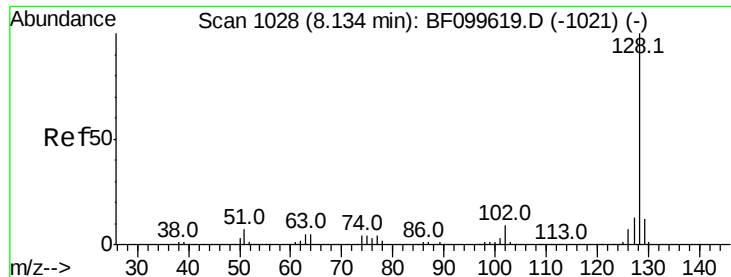
#30
 1,2,4-Trichlorobenzene
 Concen: 37.326 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:180 Resp: 192784
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.8 115.2
 145 32.1 26.5 39.7



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

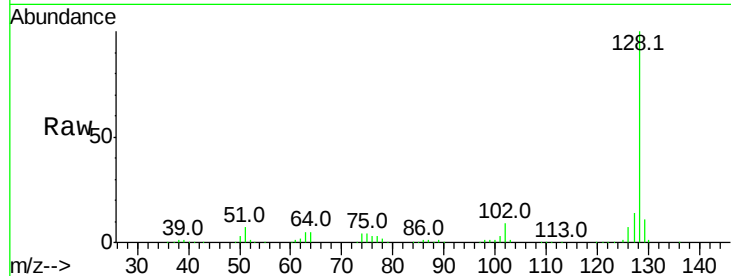




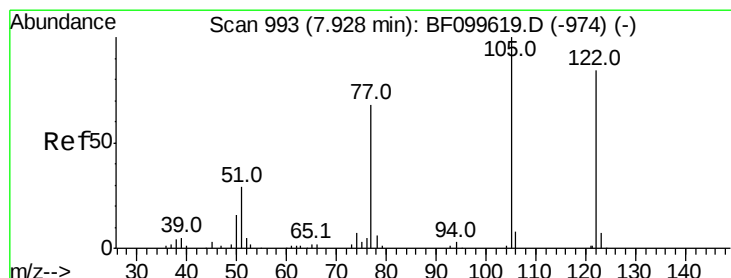
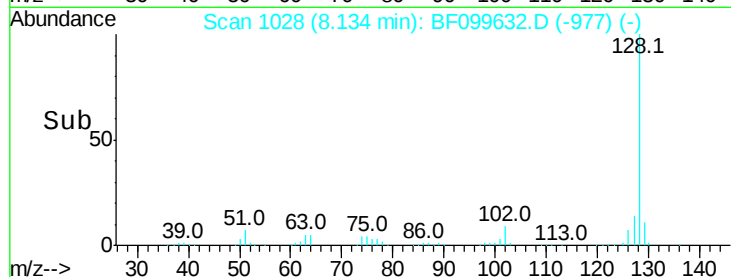
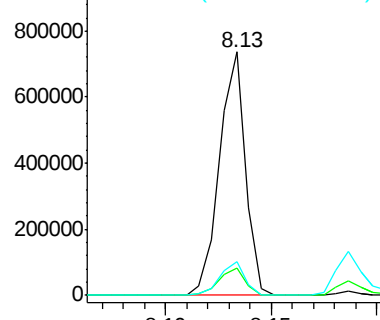
#31
Naphthalene
Concen: 35.874 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 630848
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.9 16.3

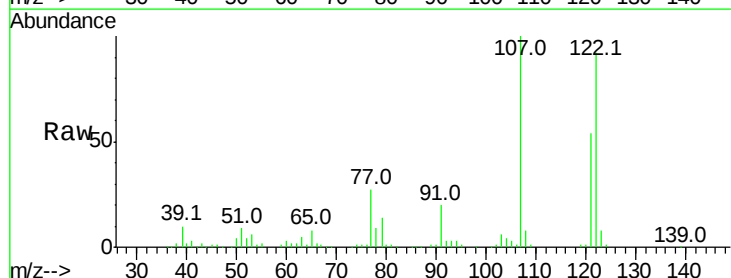


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

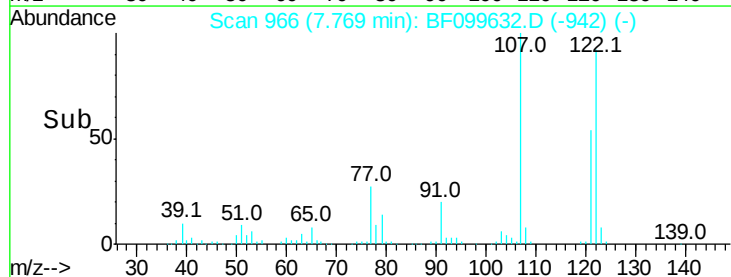
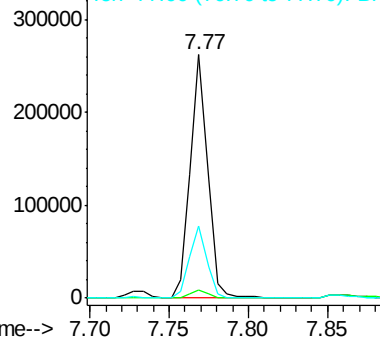


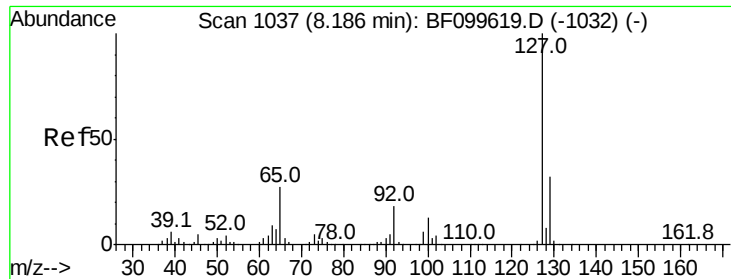
#32
Benzoic acid
Concen: 40.299 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.16 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:122 Resp: 199104
Ion Ratio Lower Upper
122 100
105 3.6 101.1 141.1#
77 29.7 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

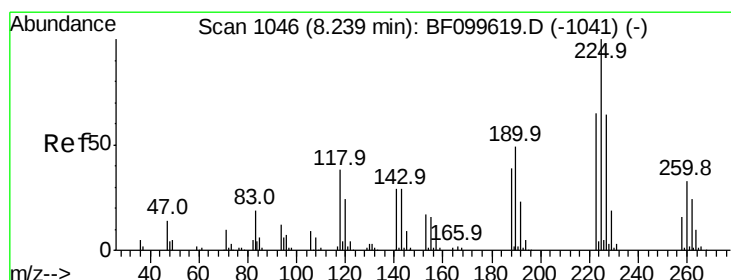
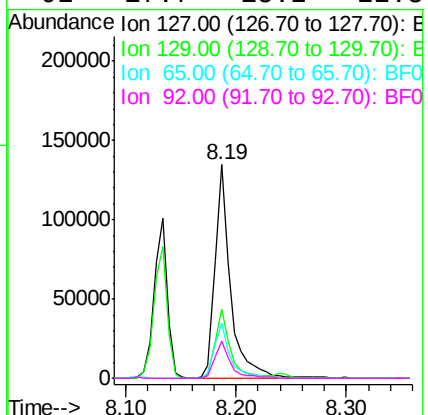
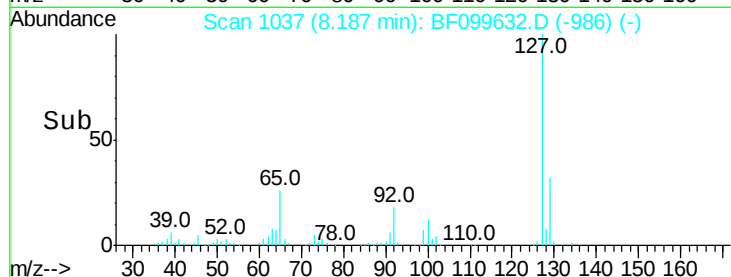
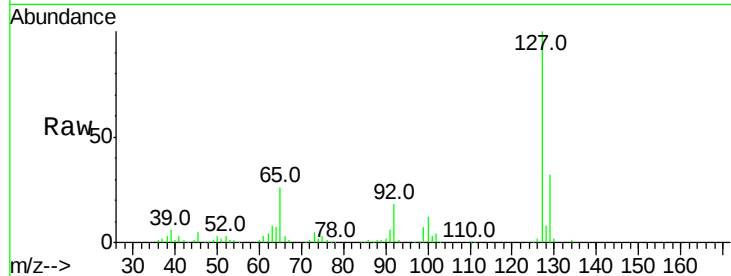




#33
4-Chloroaniline
Concen: 17.970 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

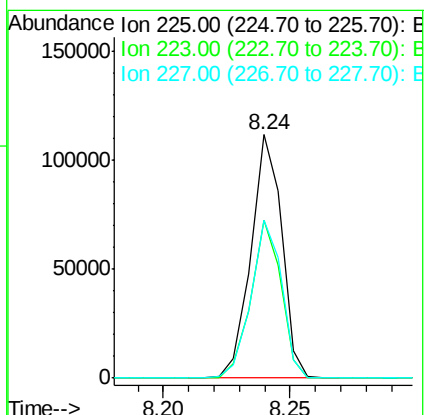
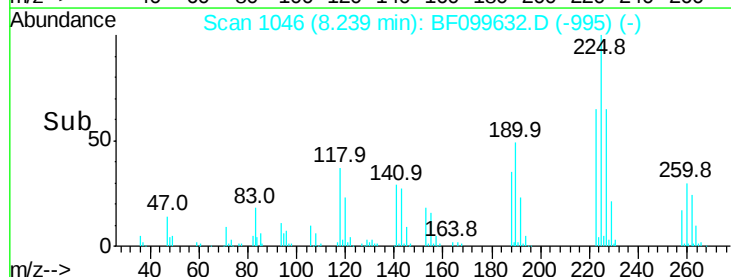
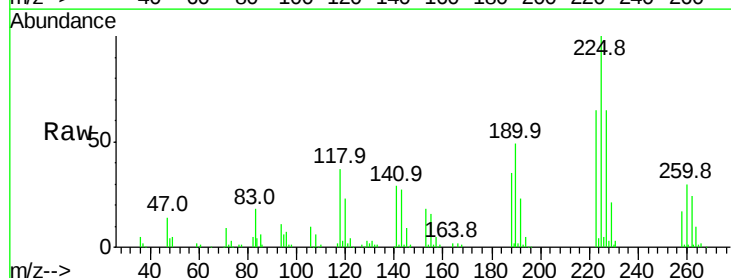
Instrument :
BNA_F
ClientSampleId :

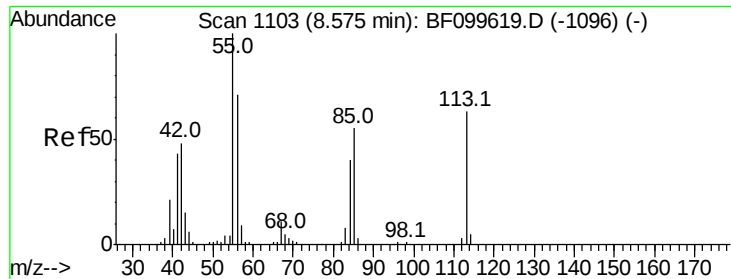
Tot Ion:	127	Resp:	131967
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	25.6	25.0	37.4
92	17.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.770 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:	225	Resp:	95157
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	64.6	51.9	77.9

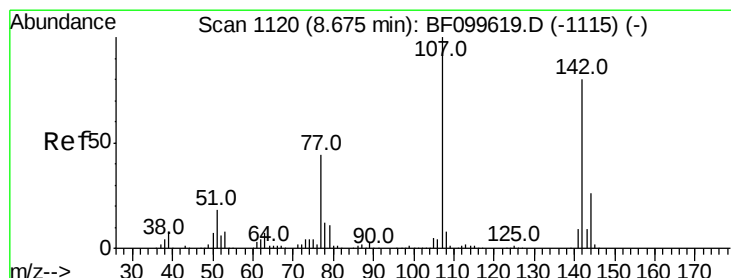
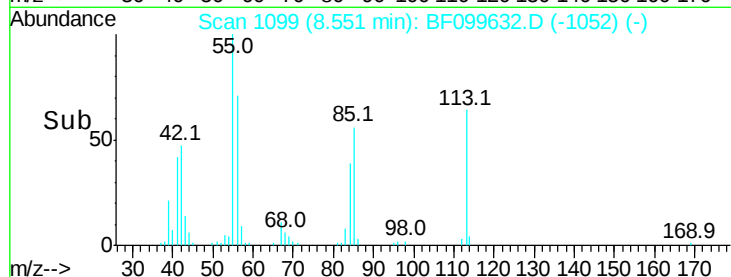
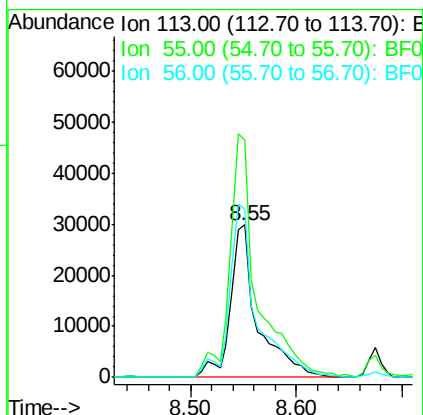
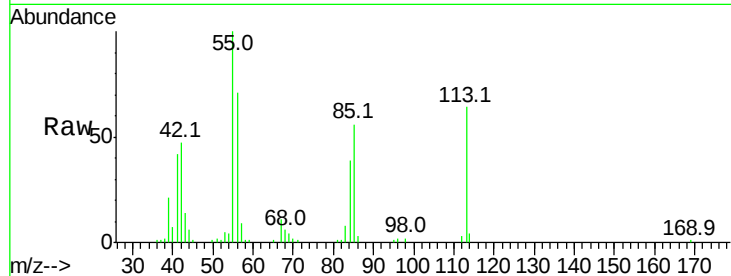




#35
 Caprolactam
 Concen: 32.271 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

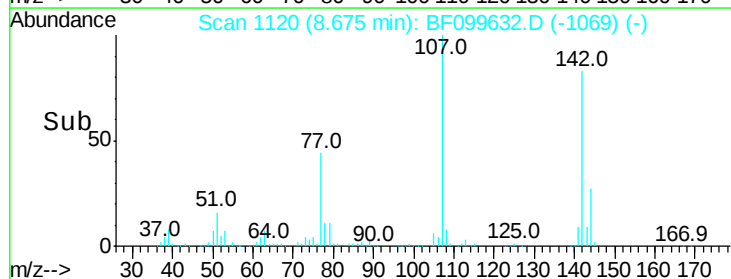
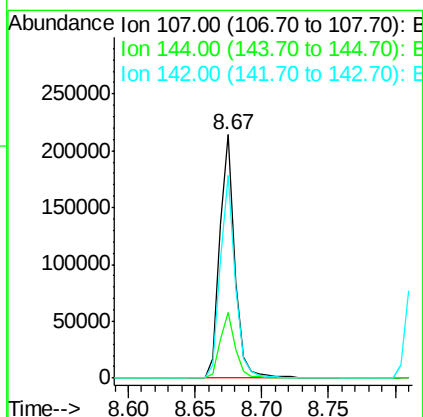
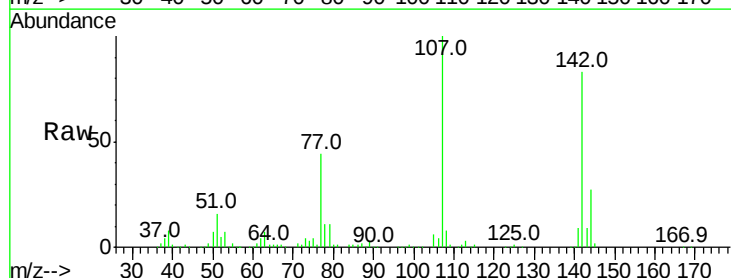
Instrument :
 BNA_F
 ClientSampled :

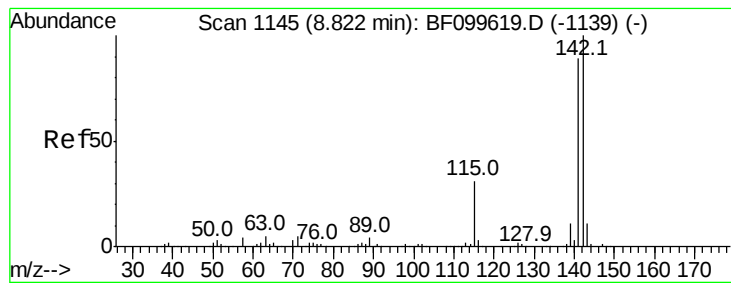
Tot Ion:113 Resp: 53457
 Ion Ratio Lower Upper
 113 100
 55 156.0 163.3 203.3#
 56 110.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 29.725 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:107 Resp: 172531
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 83.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.286 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

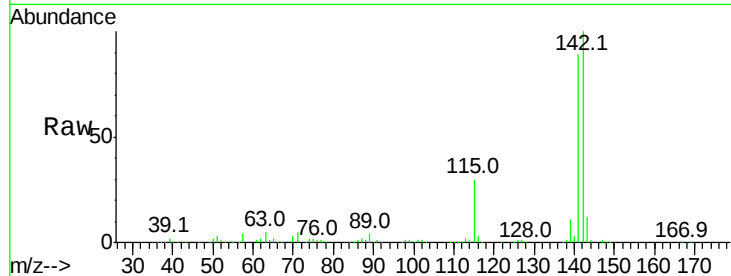
Tot Ion:142 Resp: 414822

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

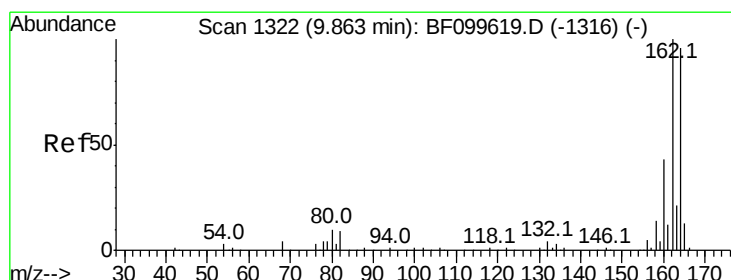
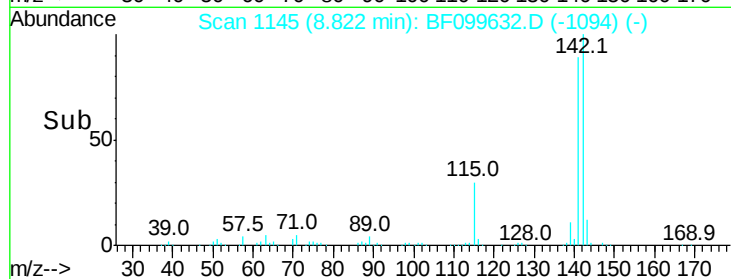
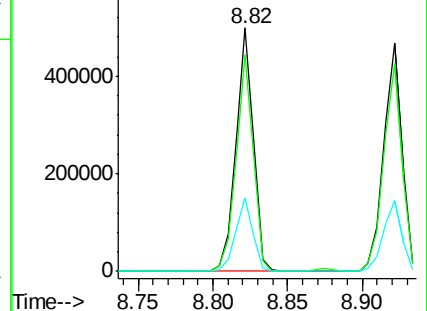
115 30.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

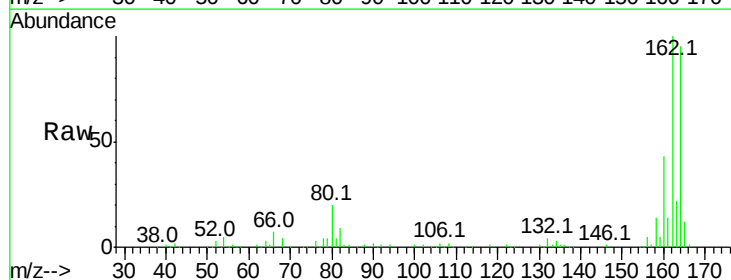
Tgt Ion:164 Resp: 137568

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

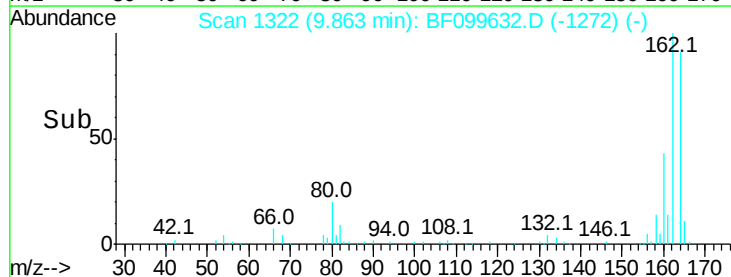
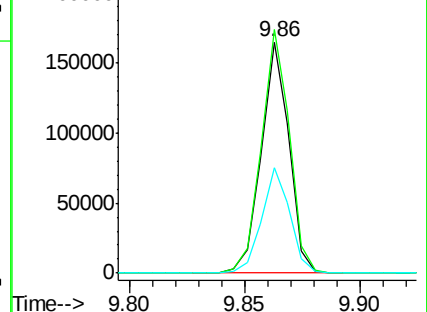
160 45.4 38.3 57.5

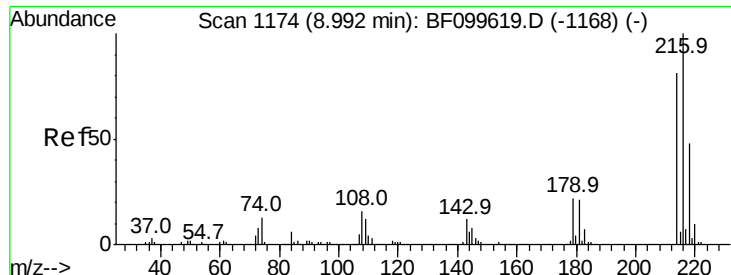


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

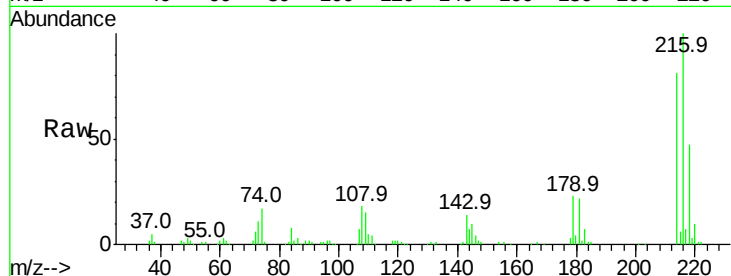




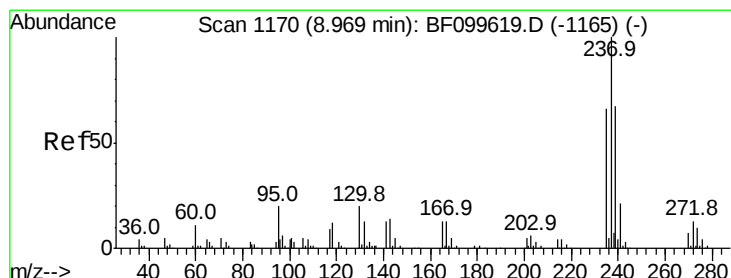
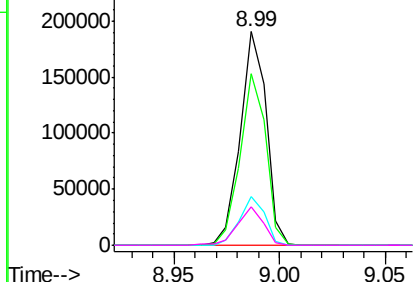
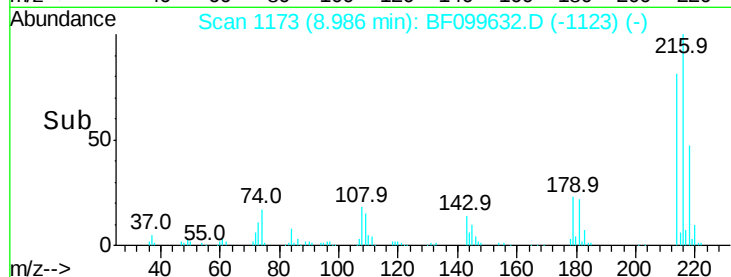
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.632 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	162598
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.0	94.4
179	22.2	18.1	27.1
108	17.9	17.2	25.8

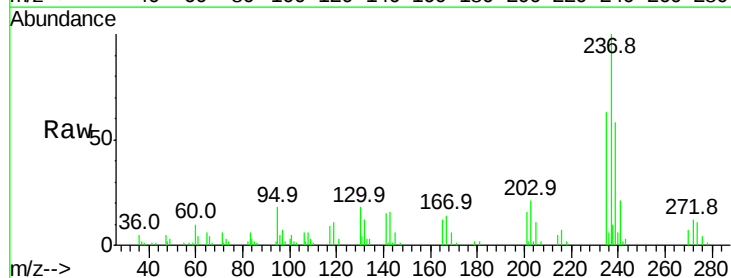


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

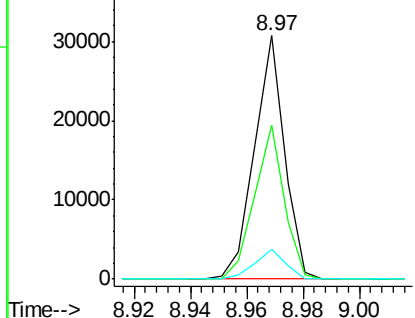
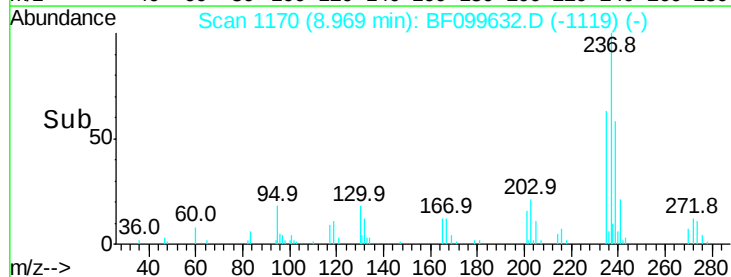


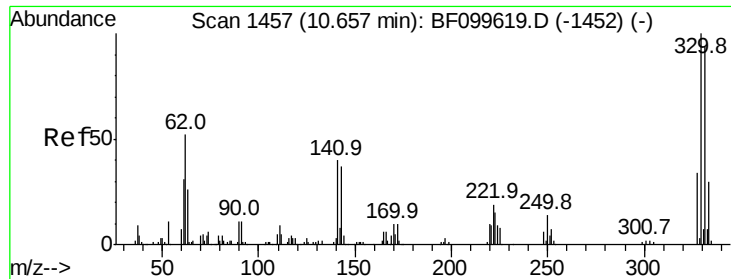
#40
 Hexachlorocyclopentadiene
 Concen: 12.105 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:	237	Resp:	22696
Ion Ratio	Lower	Upper	
237	100		
235	63.1	44.8	84.8
272	12.2	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

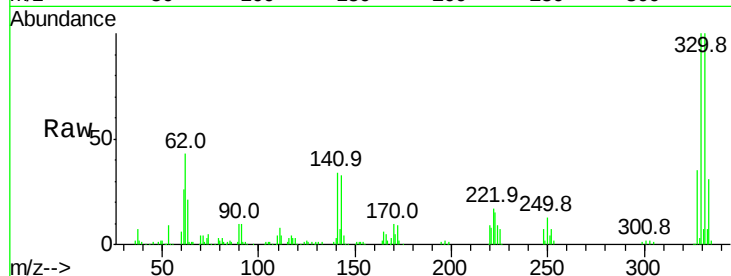




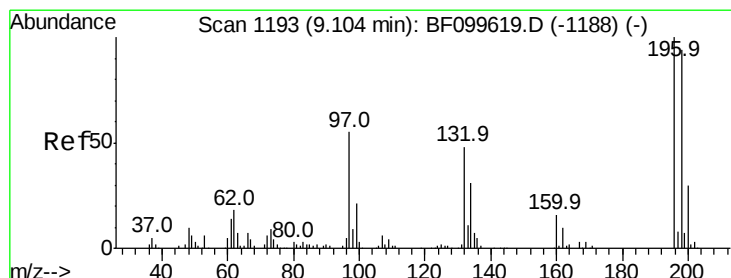
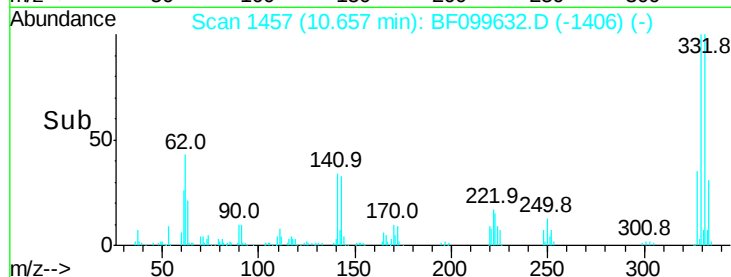
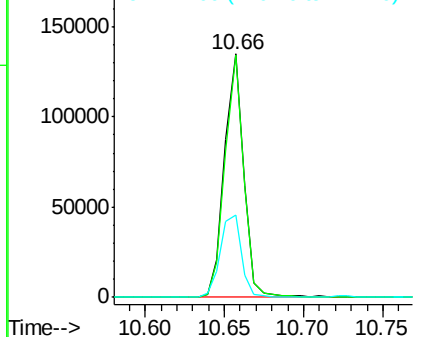
#41
 2,4,6-Tribromophenol
 Concen: 101.044 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	37.8	29.9	44.9

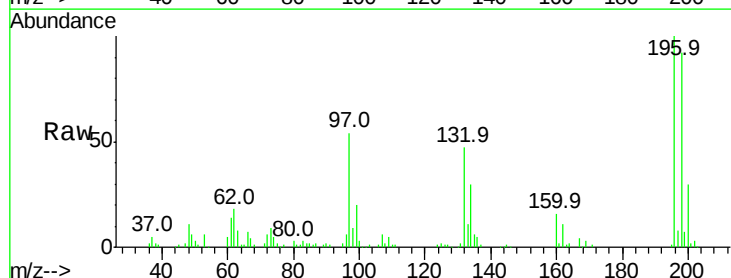


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

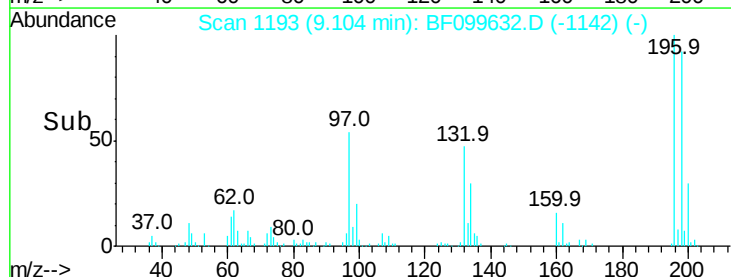
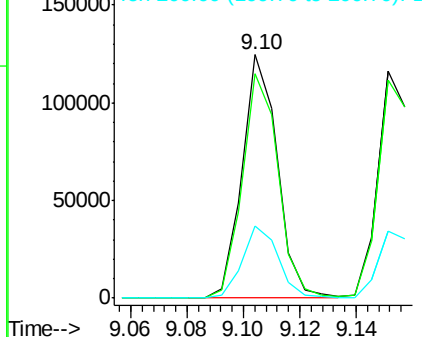


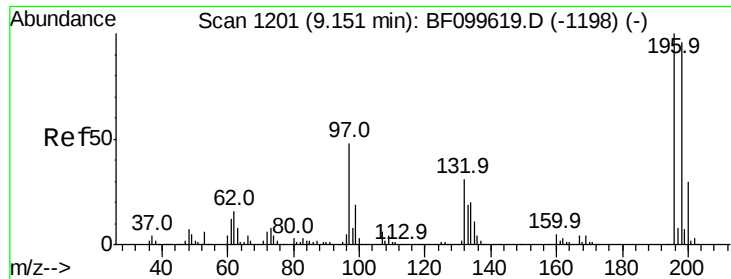
#42
 2,4,6-Trichlorophenol
 Concen: 37.225 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.9	75.7	113.5
200	29.6	24.5	36.7



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

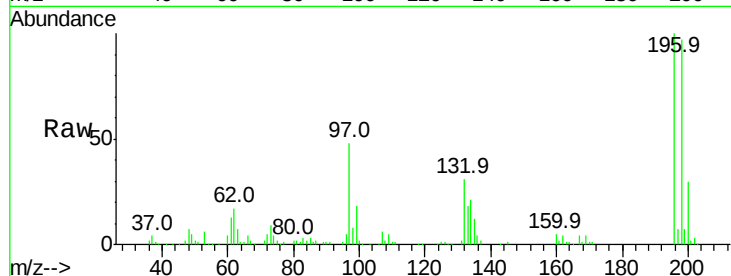




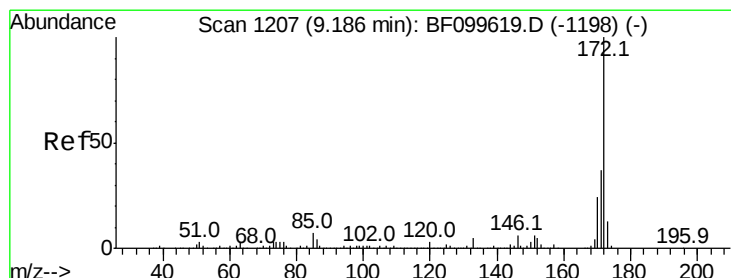
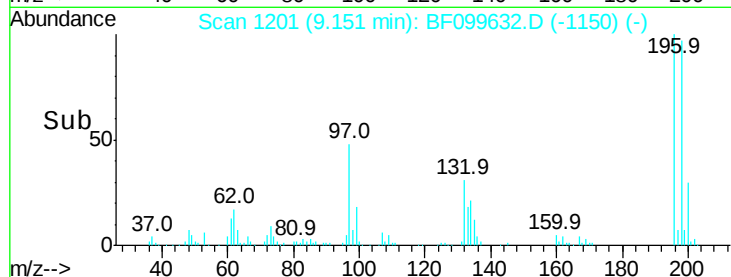
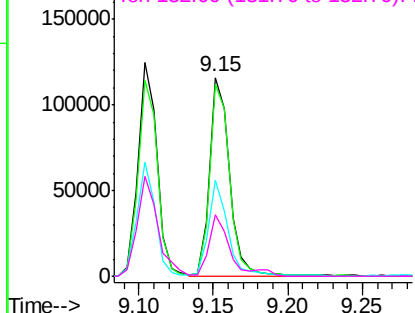
#43
 2,4,5-Trichlorophenol
 Concen: 36.603 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	106199
Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.6	112.0
97	48.3	42.9	64.3
132	31.2	26.3	39.5

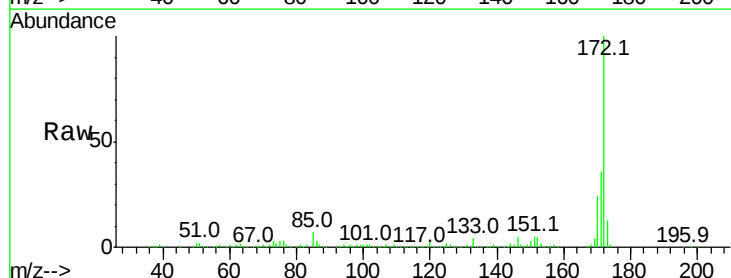


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

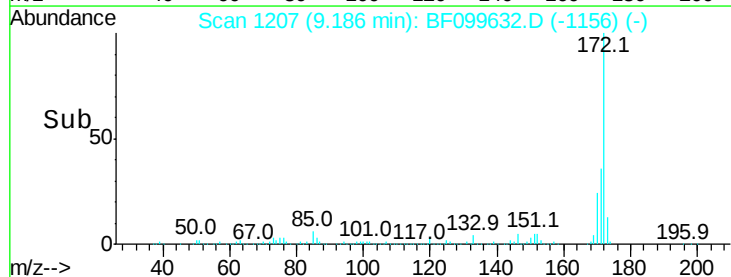
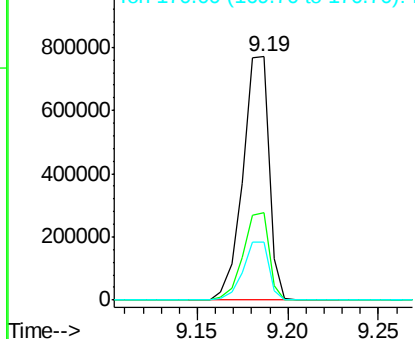


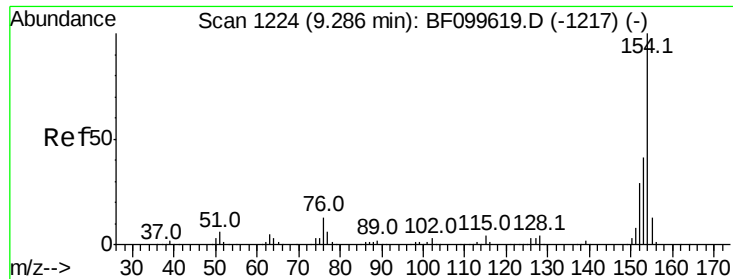
#44
 2-Fluorobiphenyl
 Concen: 93.506 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:	172	Resp:	770534
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4



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

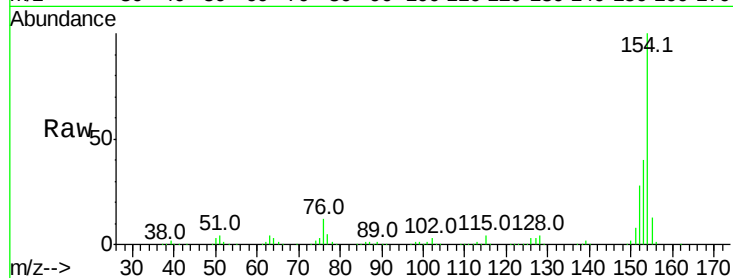




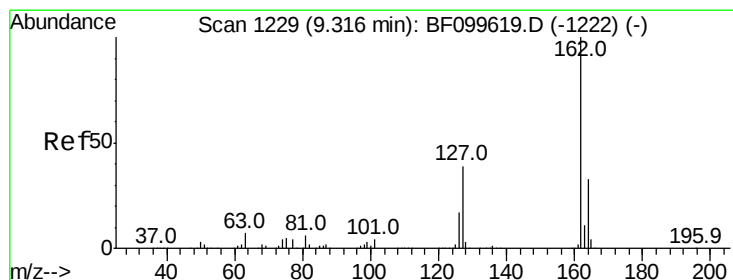
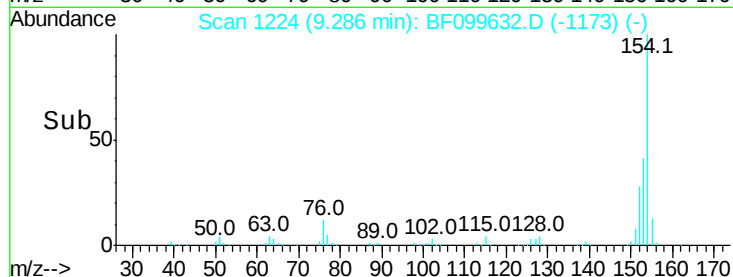
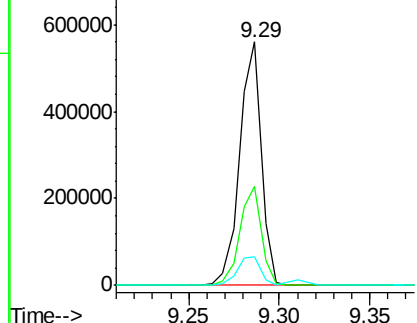
#45
 1,1'-Biphenyl
 Concen: 39.367 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 465444
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 11.9 0.0 34.0

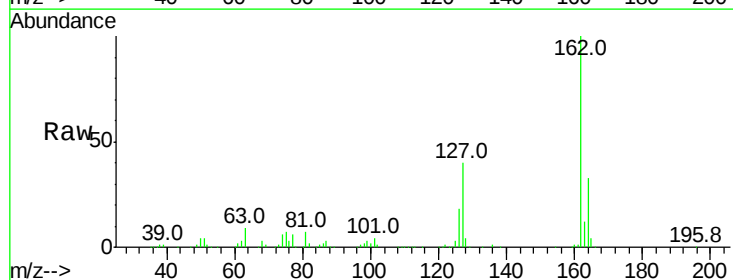


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

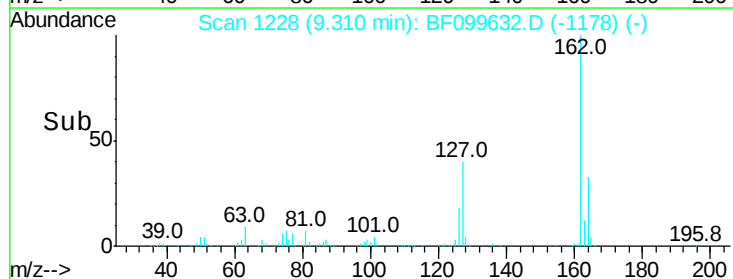
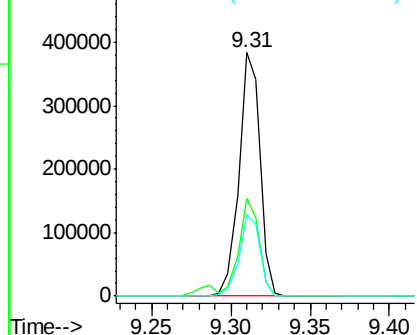


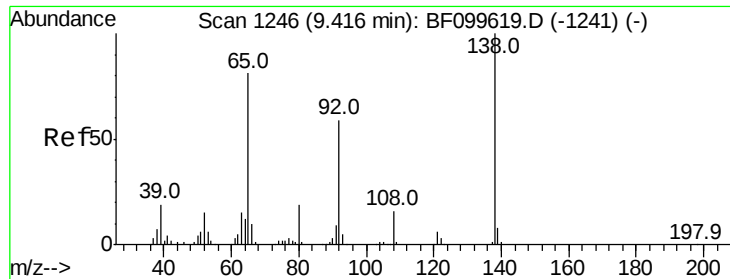
#46
 2-Chloronaphthalene
 Concen: 39.583 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:162 Resp: 351380
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.9 50.9
 164 33.4 26.5 39.7



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





#47

2-Nitroaniline

Concen: 34.806 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

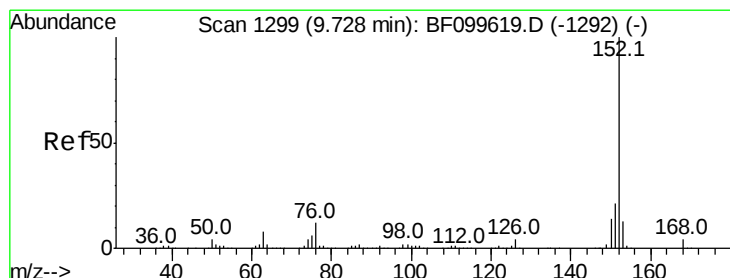
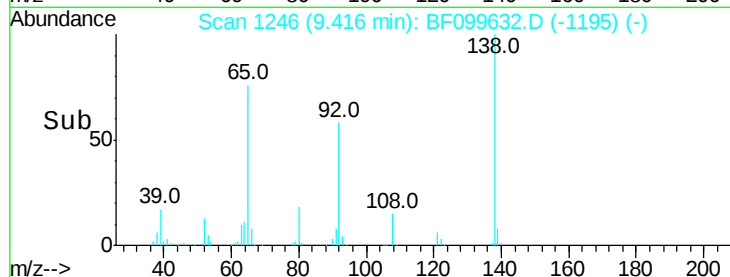
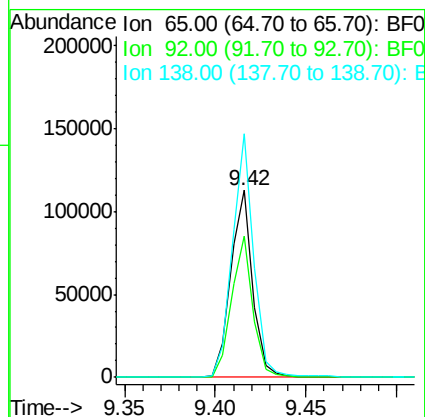
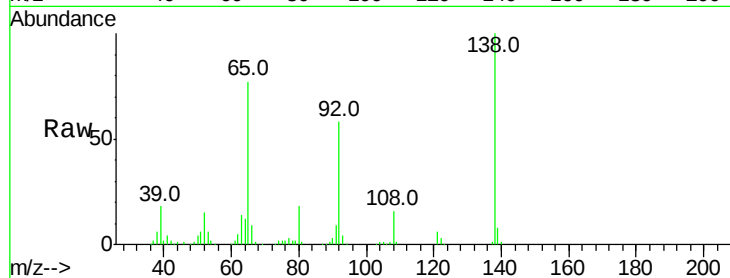
Tot Ion: 65 Resp: 94608

Ion Ratio Lower Upper

65 100

92 75.8 55.8 83.6

138 130.4 91.2 136.8



#48

Acenaphthylene

Concen: 37.175 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

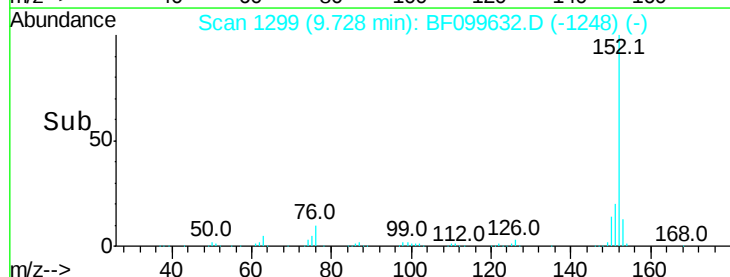
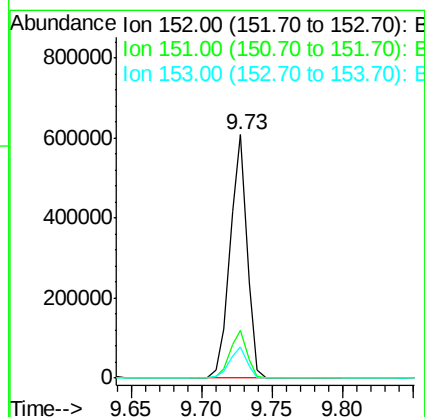
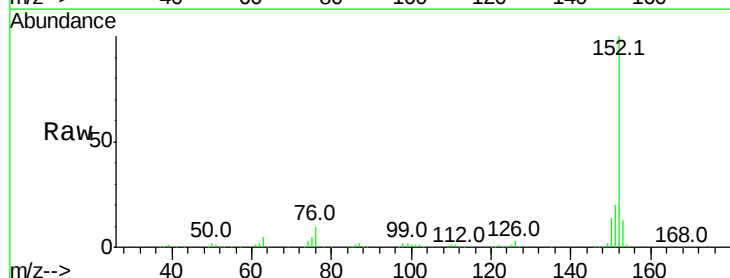
Tgt Ion: 152 Resp: 505179

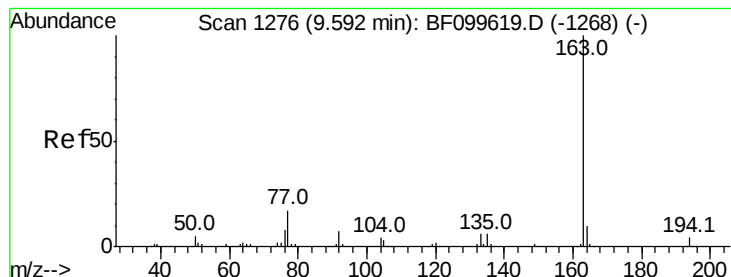
Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 41.698 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampled :

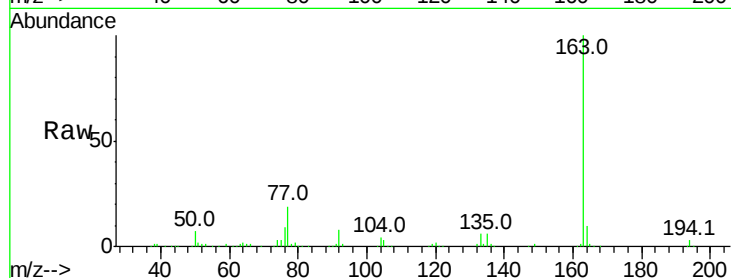
Tot Ion:163 Resp: 432945

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

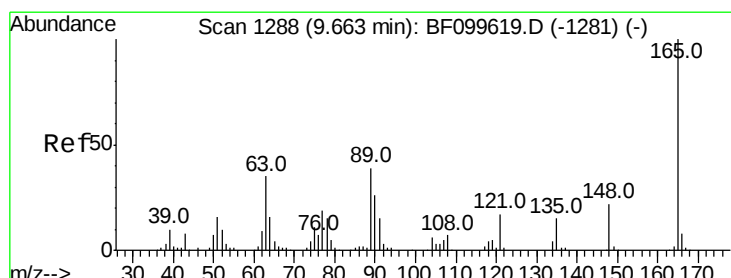
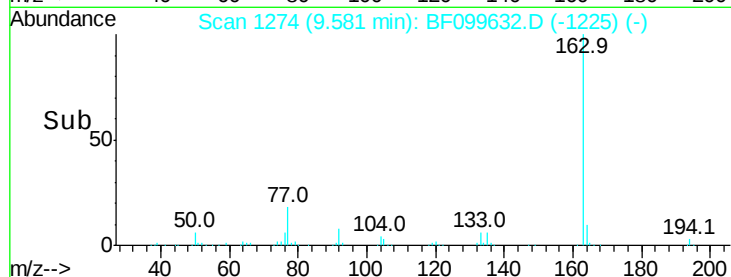
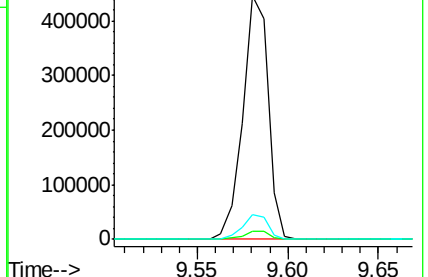
164 10.3 8.2 12.2



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: 38.147 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

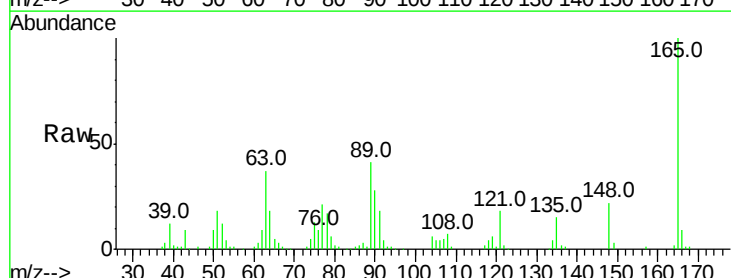
Tgt Ion:165 Resp: 86228

Ion Ratio Lower Upper

165 100

63 37.1 44.7 67.1#

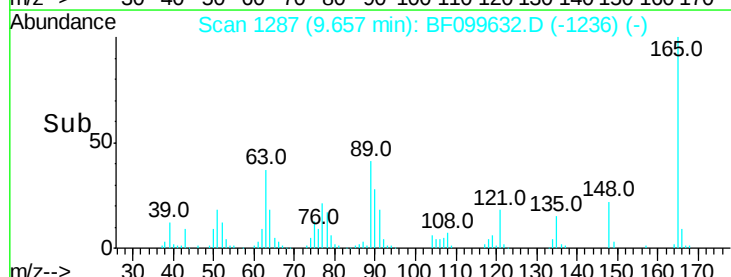
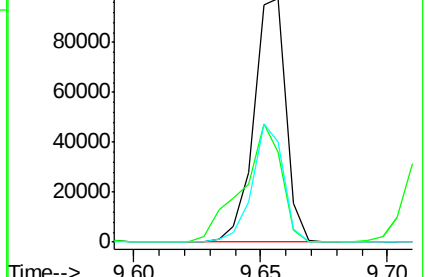
89 41.1 44.0 66.0#

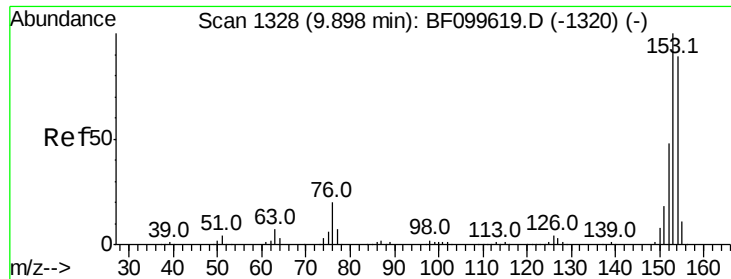


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

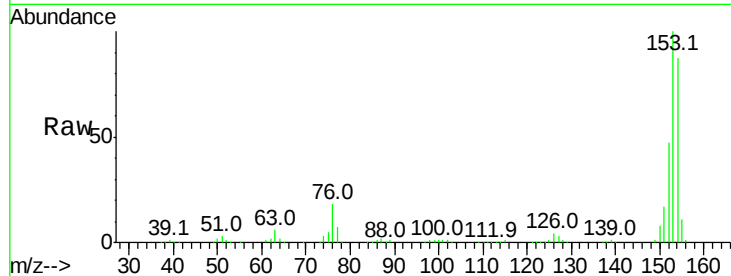




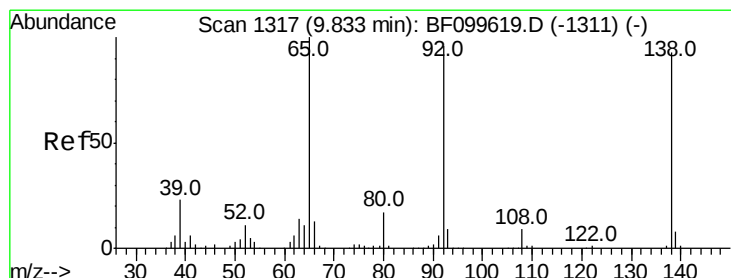
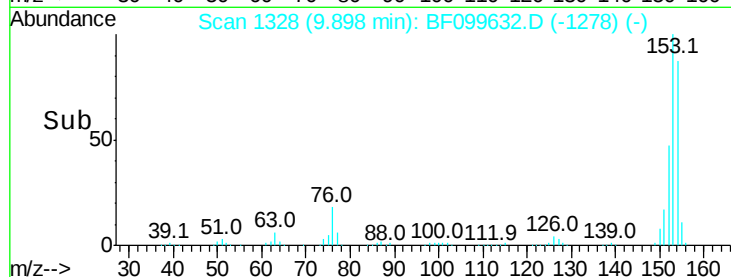
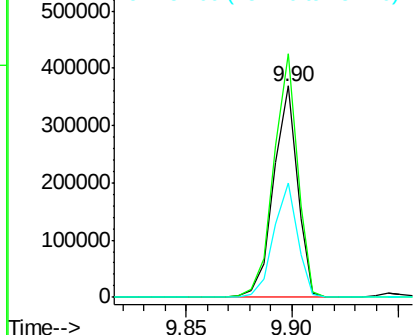
#51
Acenaphthene
Concen: 33.821 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 291139
Ion Ratio Lower Upper
154 100
153 115.1 91.2 136.8
152 54.2 43.8 65.8

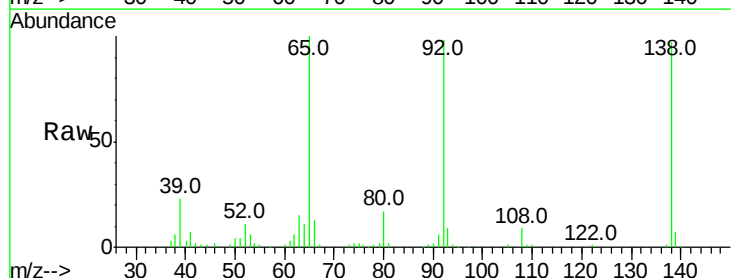


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

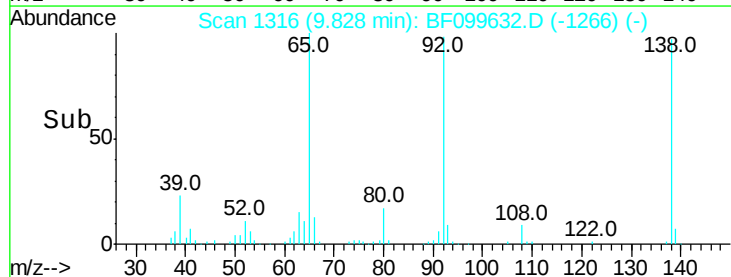
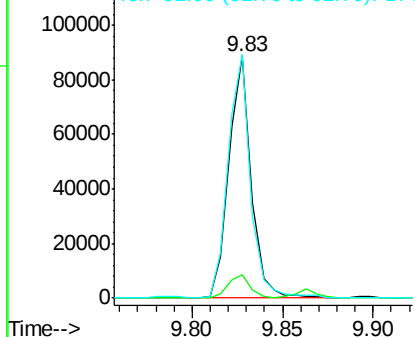


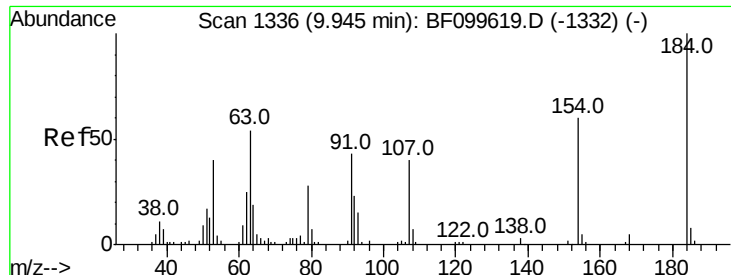
#52
3-Nitroaniline
Concen: 28.841 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:138 Resp: 76016
Ion Ratio Lower Upper
138 100
108 9.7 9.4 14.0
92 100.7 89.4 134.2



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

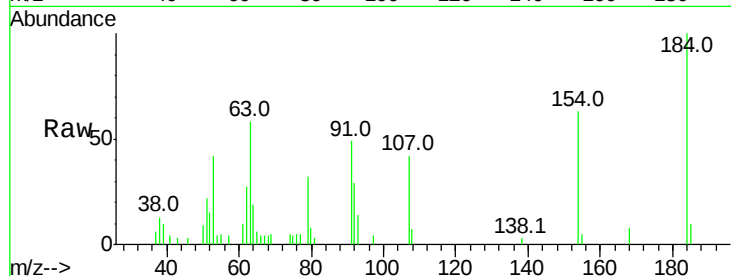




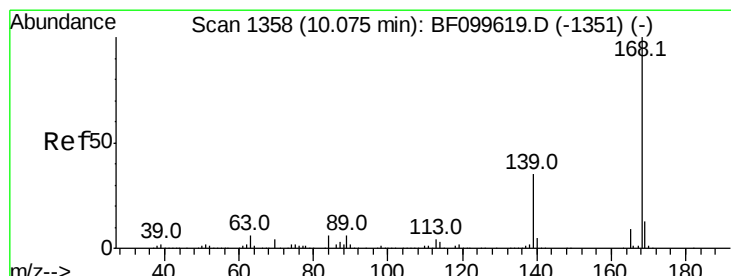
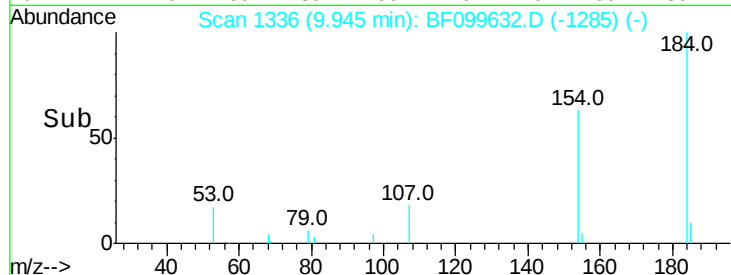
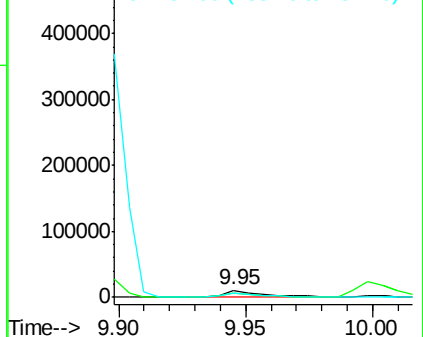
#53
 2,4-Dinitrophenol
 Concen: 15.461 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 12228
 Ion Ratio Lower Upper
 184 100
 63 57.6 54.2 81.2
 154 63.1 53.5 80.3

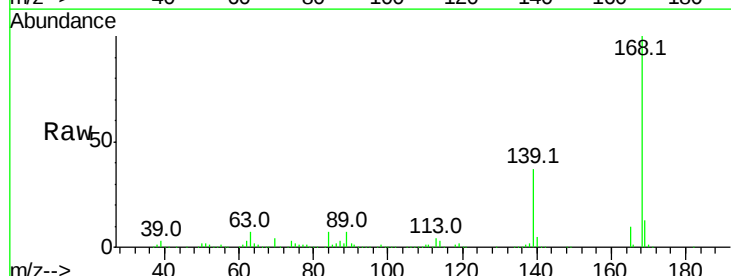


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

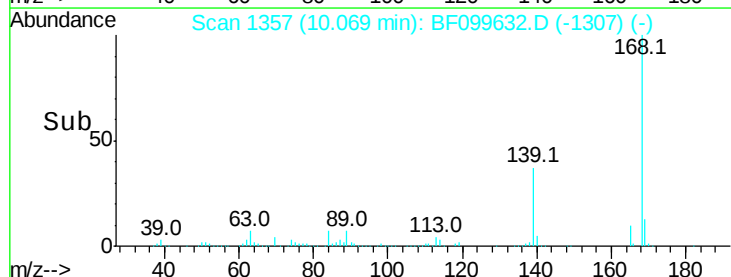
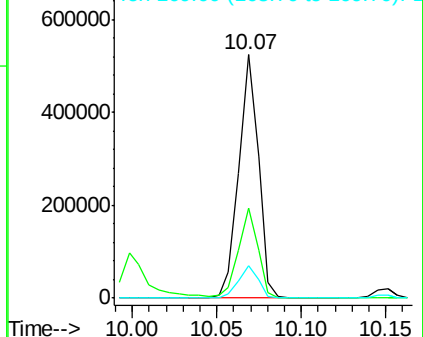


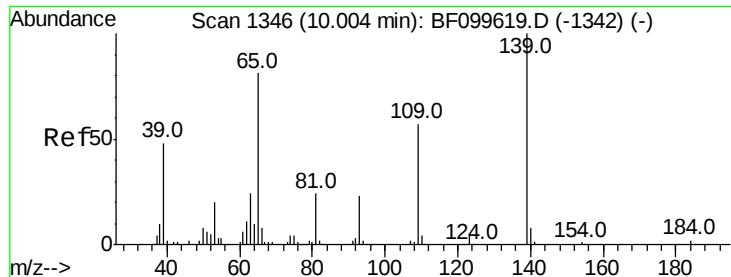
#54
 Dibenzofuran
 Concen: 36.884 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:168 Resp: 422740
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.1 45.1
 169 13.1 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

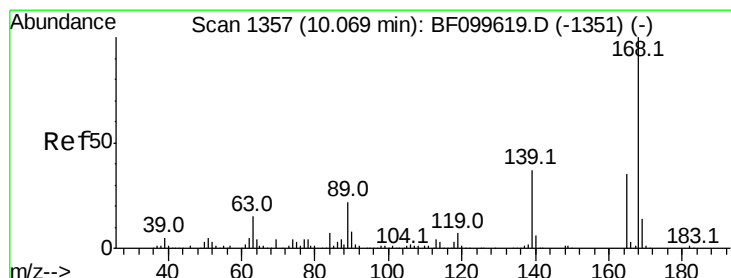
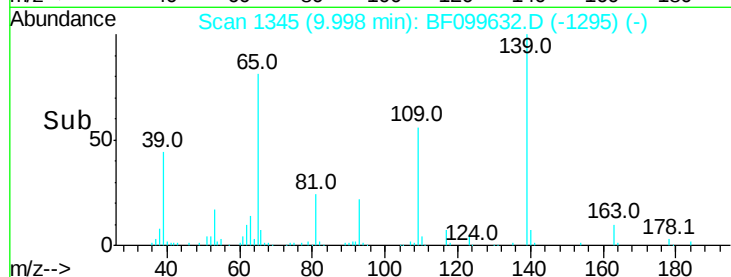
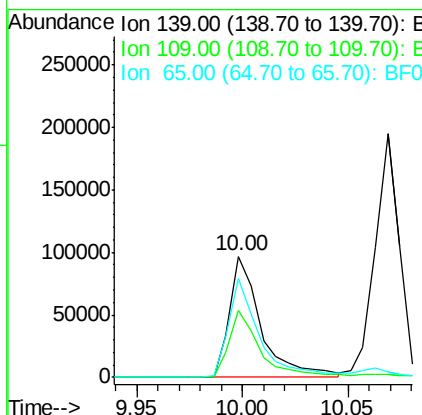
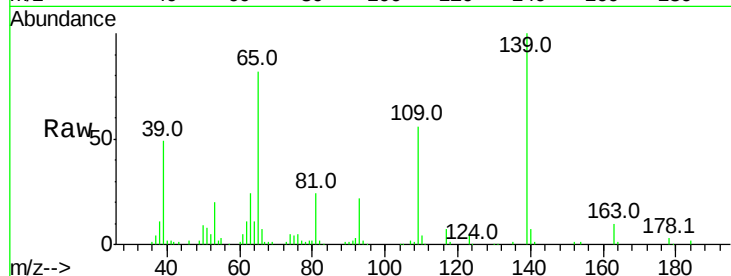




#55
4-Nitrophenol
Concen: 45.014 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

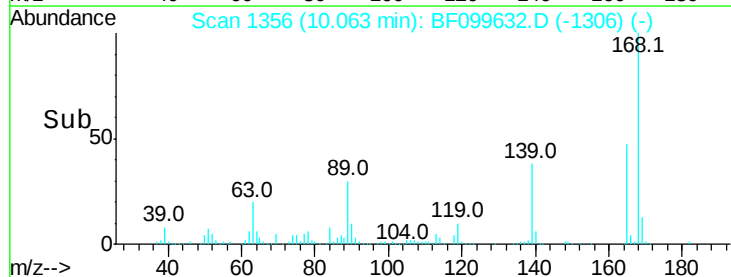
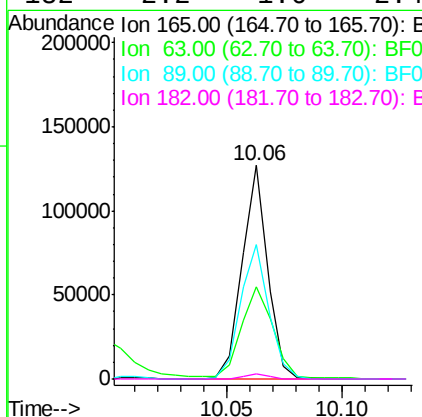
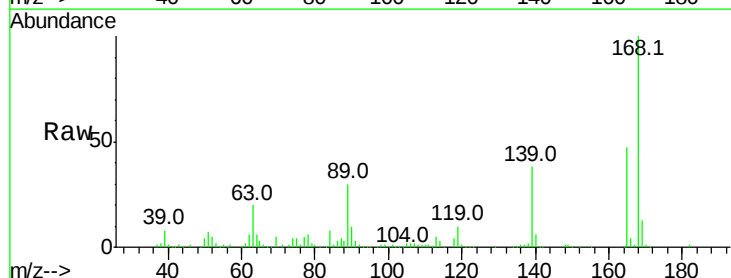
Instrument :
BNA_F
ClientSampled :

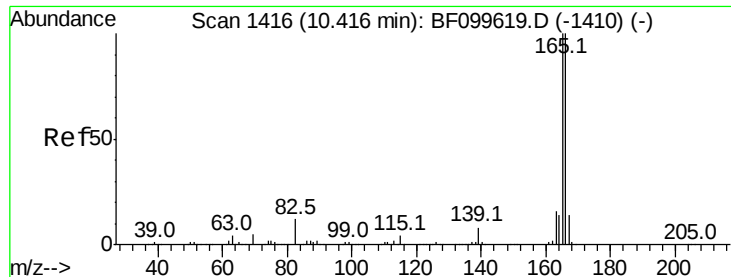
Tot Ion:139 Resp: 100320
Ion Ratio Lower Upper
139 100
109 55.7 48.4 88.4
65 81.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 33.447 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:165 Resp: 98122
Ion Ratio Lower Upper
165 100
63 42.9 36.4 54.6
89 63.2 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 34.850 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

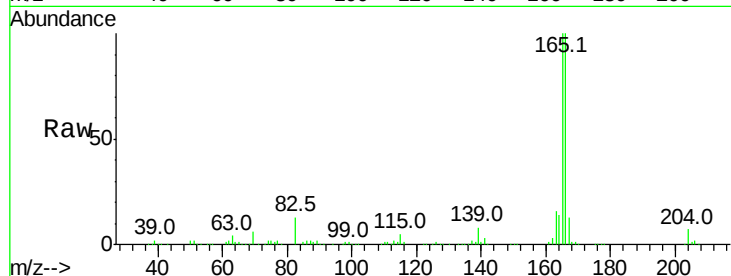
Tot Ion:166 Resp: 321045

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

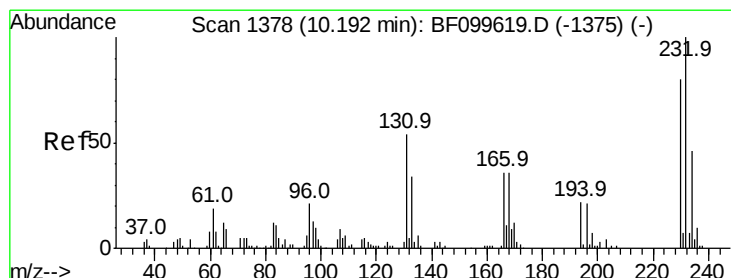
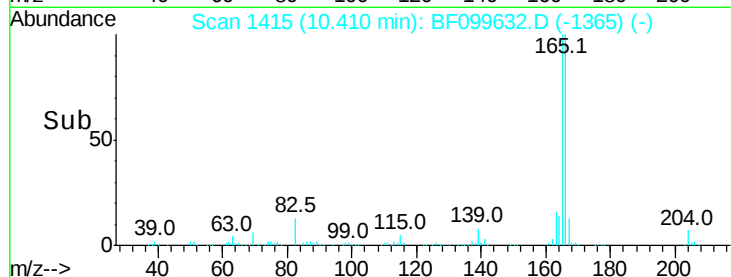
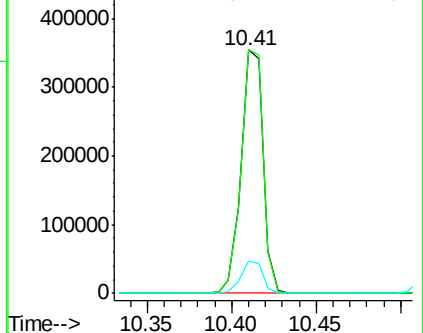
167 13.5 10.6 16.0



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: 33.846 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Tgt Ion:232 Resp: 67835

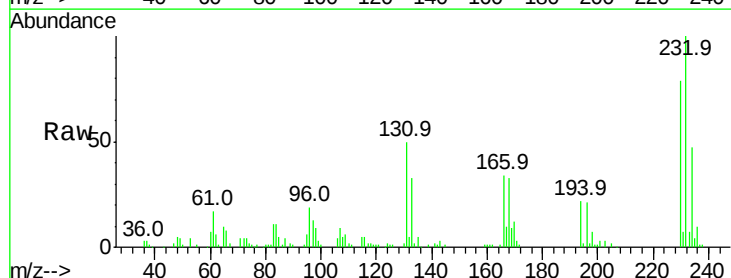
Ion Ratio Lower Upper

232 100

131 51.6 43.8 65.8

130 2.2 2.1 3.1

166 34.9 27.8 41.6

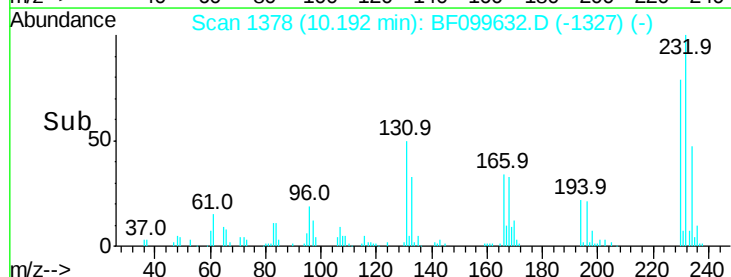
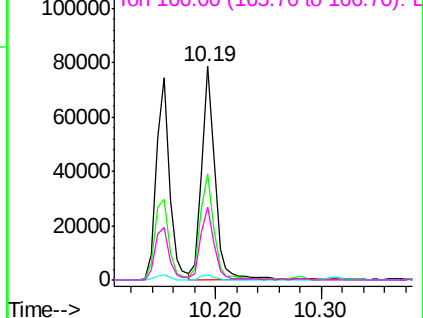


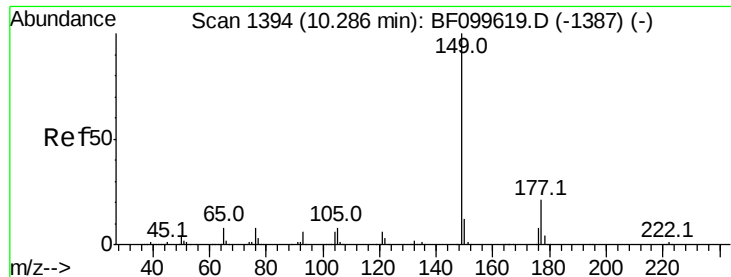
Abundance Ion 232.00 (231.70 to 232.70): E

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

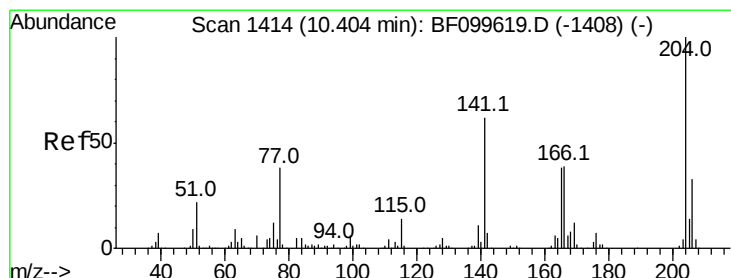
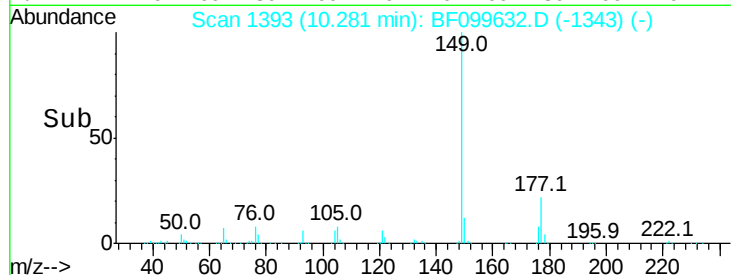
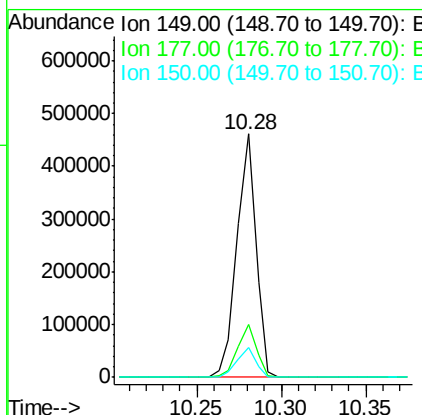
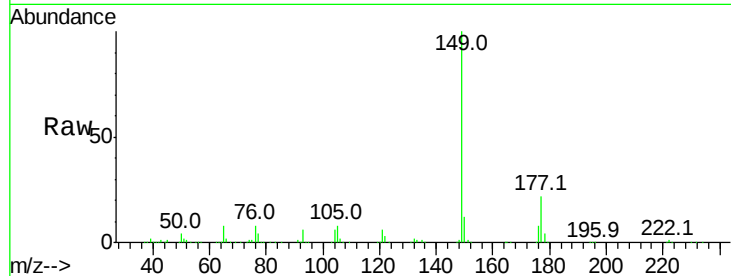




#59
Diethylphthalate
Concen: 35.943 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

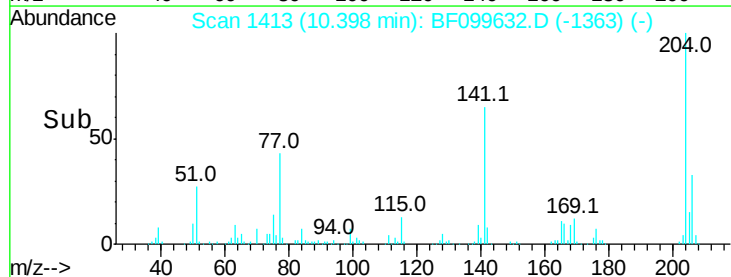
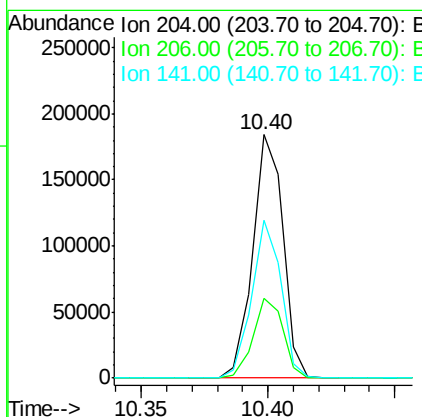
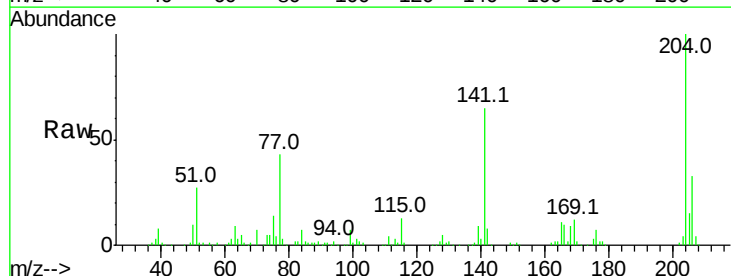
Instrument :
BNA_F
ClientSampleId :

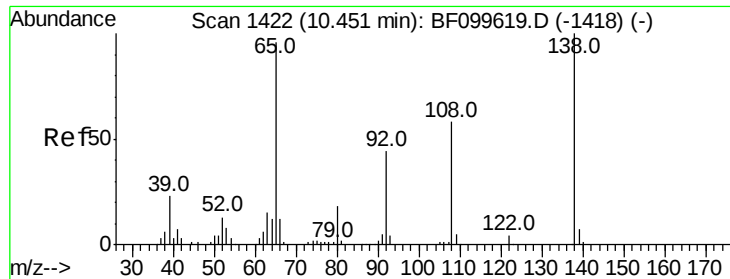
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.3	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.046 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	64.9	54.6	81.8

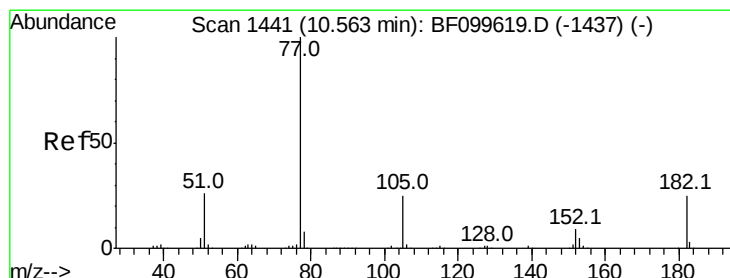
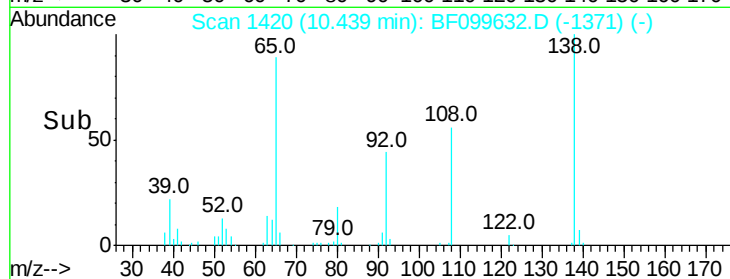
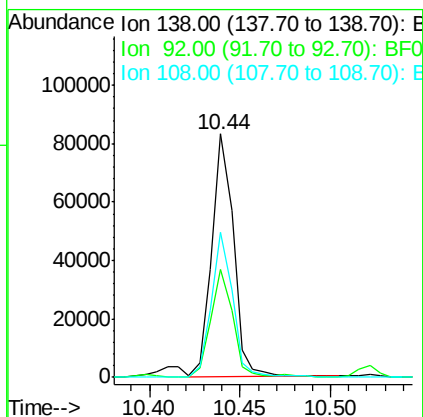
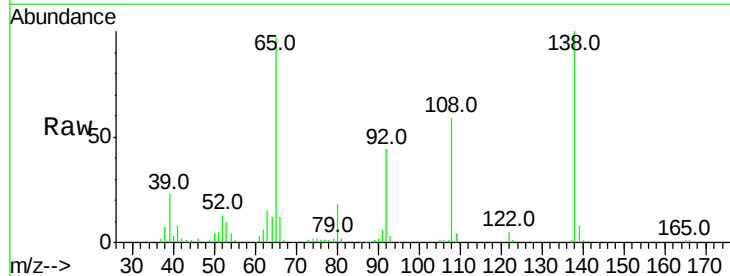




#61
4-Nitroaniline
Concen: 27.404 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

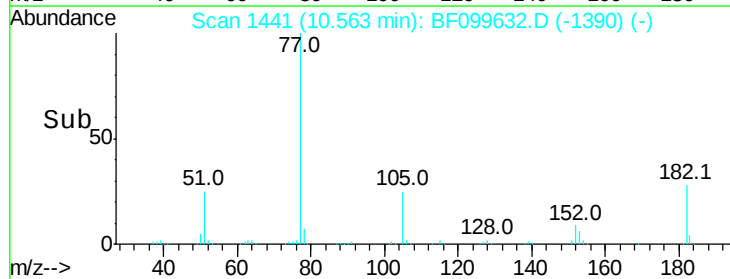
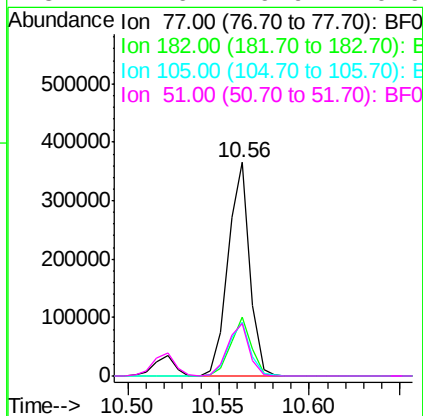
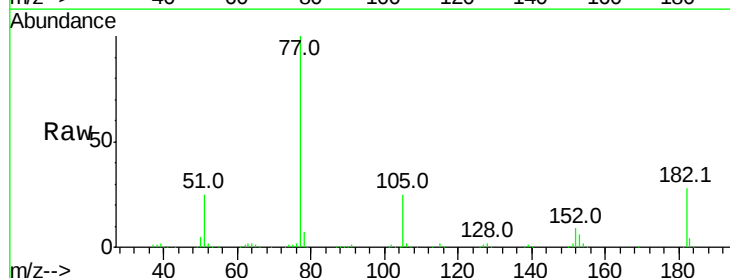
Instrument :
BNA_F
ClientSampled :

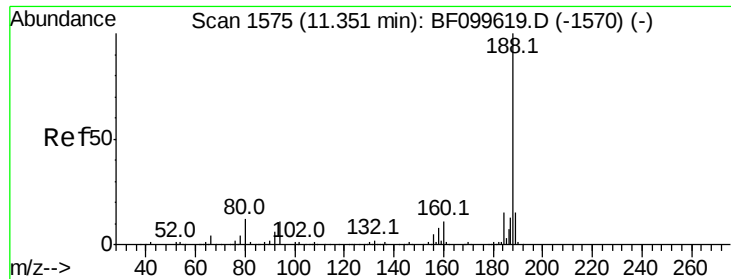
Tot Ion:138 Resp: 69682
Ion Ratio Lower Upper
138 100
92 44.4 30.2 70.2
108 59.3 52.5 92.5



#62
Azobenzene
Concen: 32.384 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion: 77 Resp: 302095
Ion Ratio Lower Upper
77 100
182 27.8 1.7 41.7
105 24.9 3.0 43.0
51 24.6 9.9 49.9

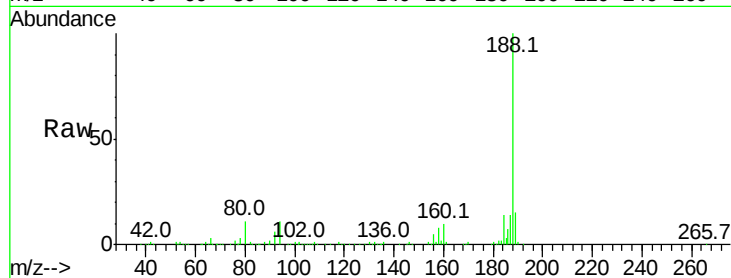




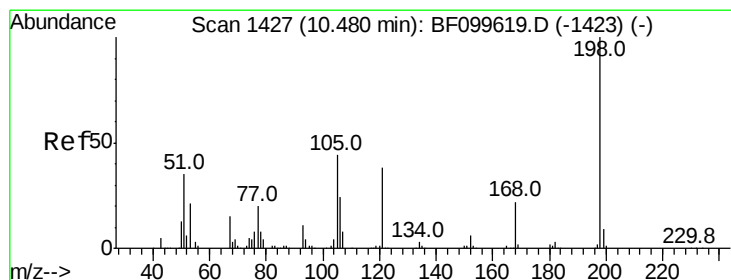
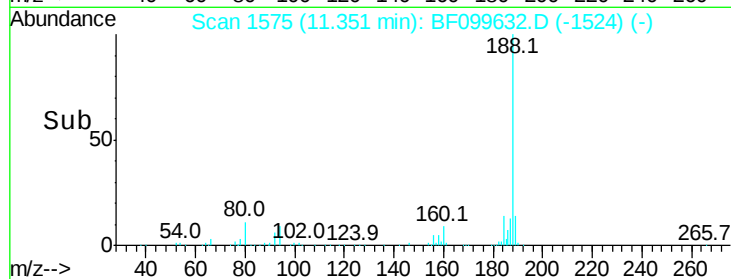
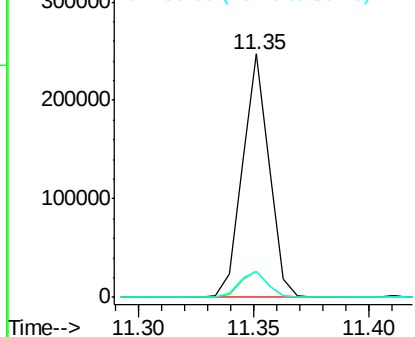
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 198268
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.6 9.2 13.8

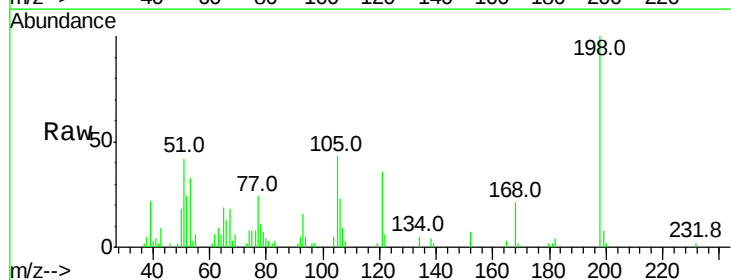


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

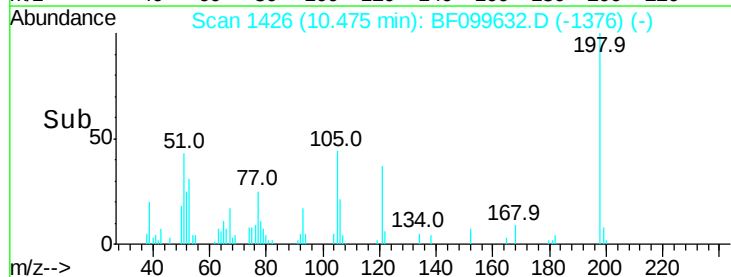
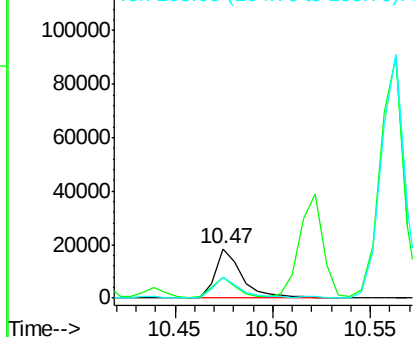


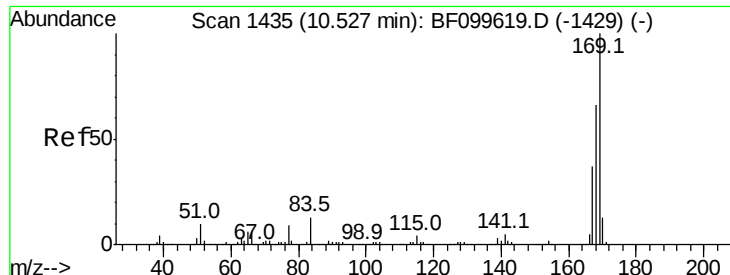
#64
4,6-Dinitro-2-methylphenol
Concen: 14.430 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:198 Resp: 17407
Ion Ratio Lower Upper
198 100
51 41.8 37.7 77.7
105 43.1 36.3 76.3



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

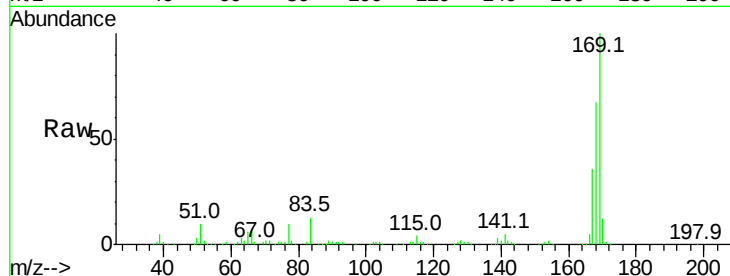




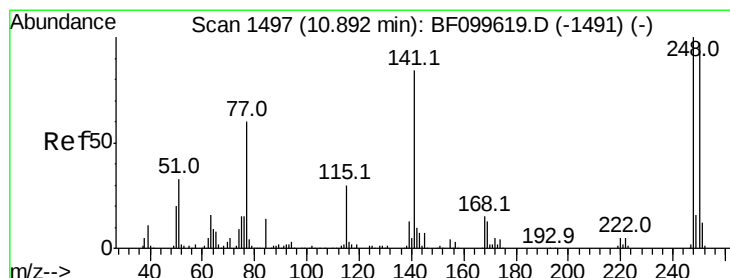
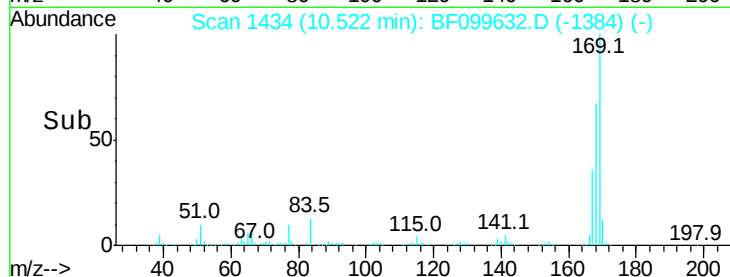
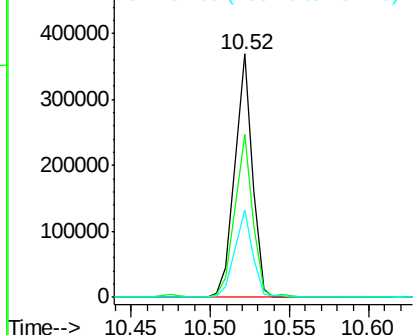
#65
 n-Nitrosodiphenylamine
 Concen: 41.930 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 287998
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.4 81.6
 167 35.7 29.8 44.6

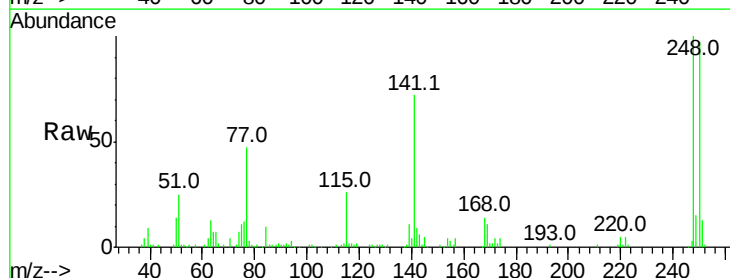


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

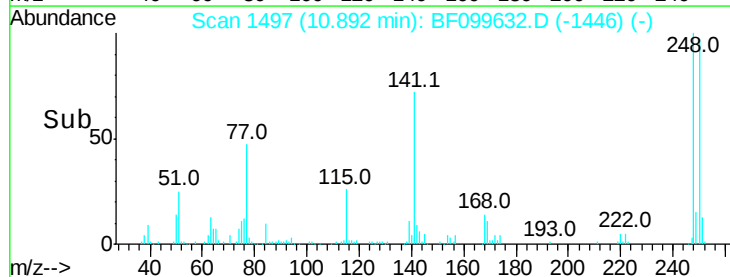
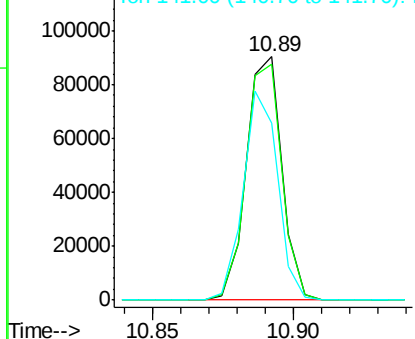


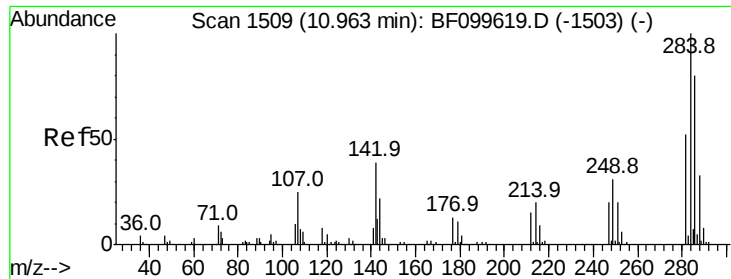
#66
 4-Bromophenyl-phenylether
 Concen: 40.584 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:248 Resp: 78762
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.9 115.3
 141 72.5 74.4 111.6#



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

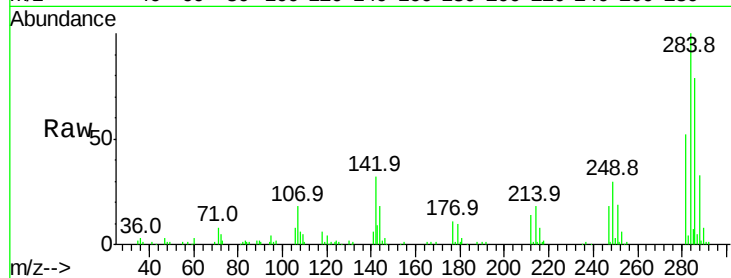




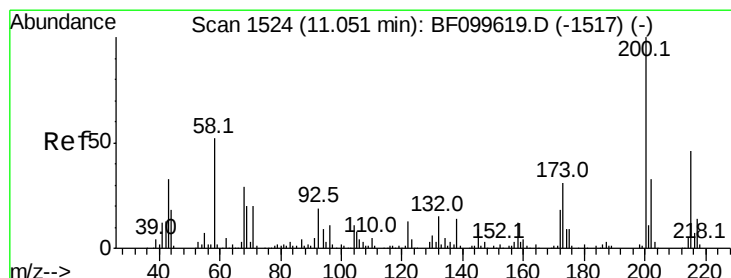
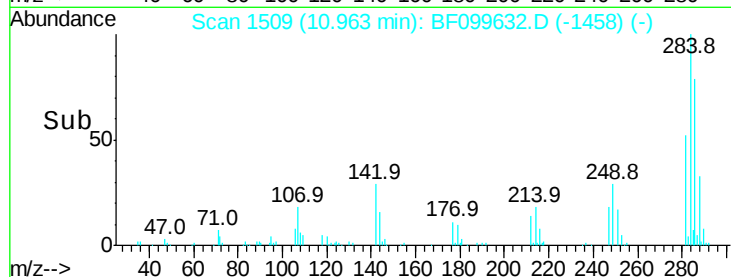
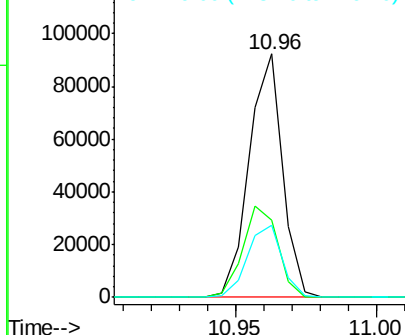
#67
Hexachlorobenzene
Concen: 36.403 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 75455
Ion Ratio Lower Upper
284 100
142 31.9 34.6 52.0#
249 29.7 24.8 37.2

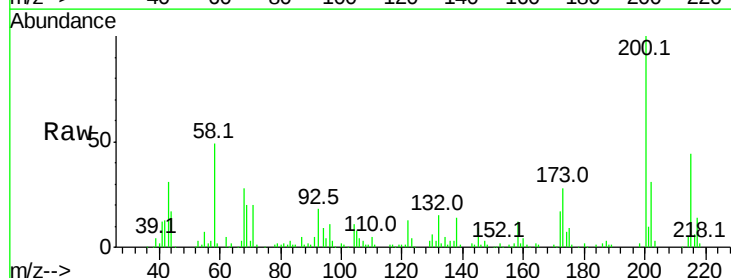


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

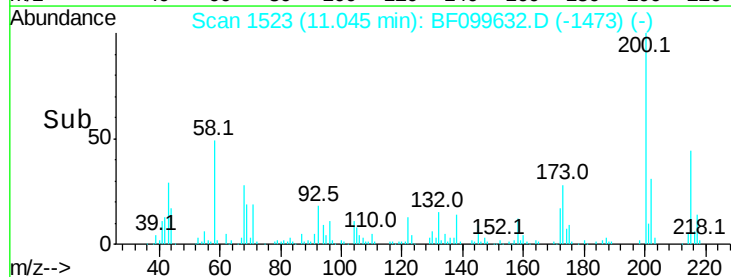
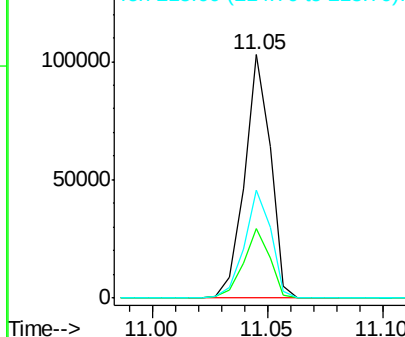


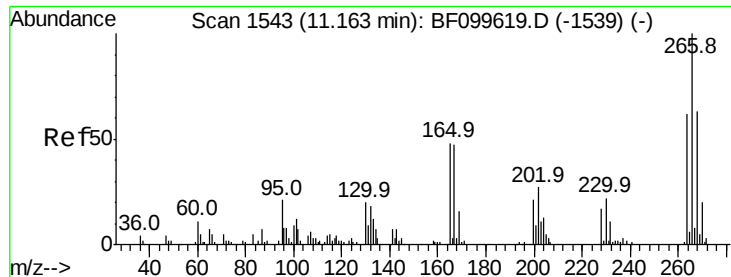
#68
Atrazine
Concen: 39.029 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:200 Resp: 80655
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 44.5 25.1 65.1



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

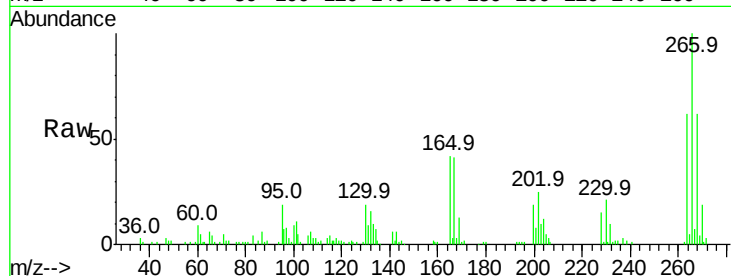




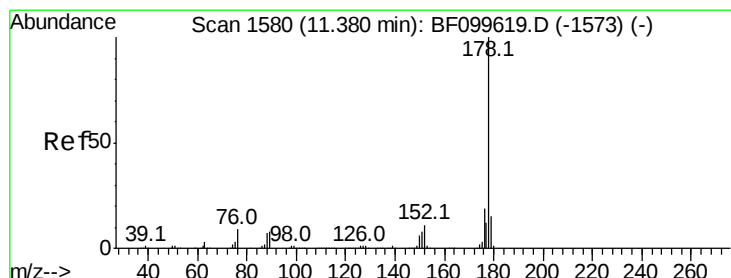
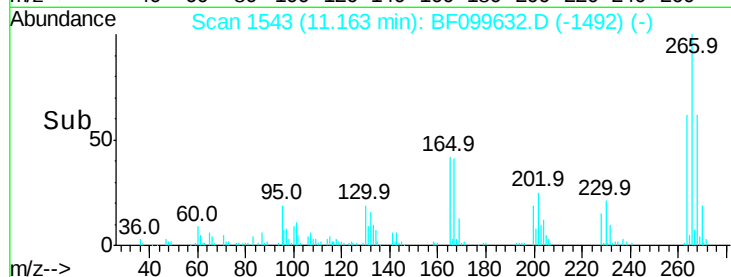
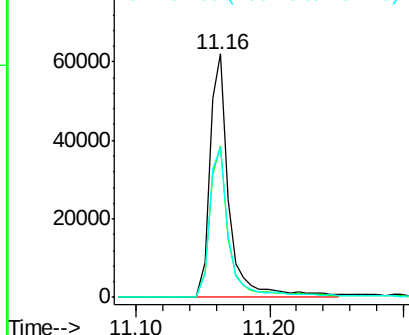
#69
 Pentachlorophenol
 Concen: 48.655 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 62765
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 61.7 49.5 74.3

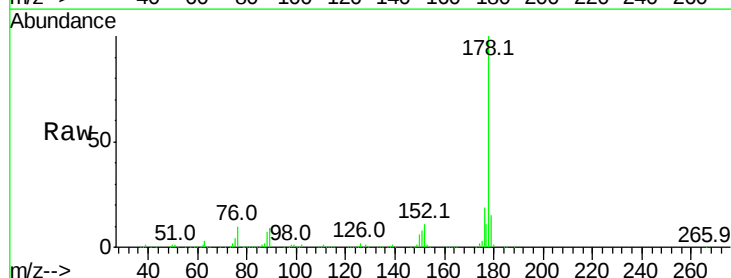


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

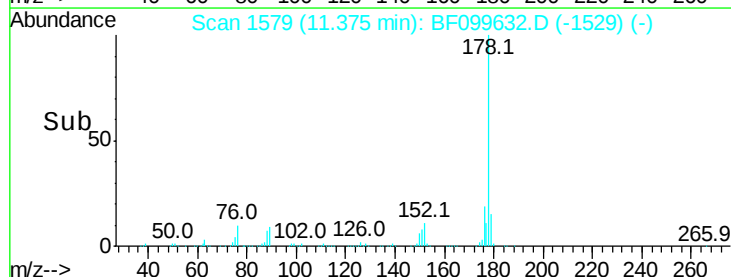
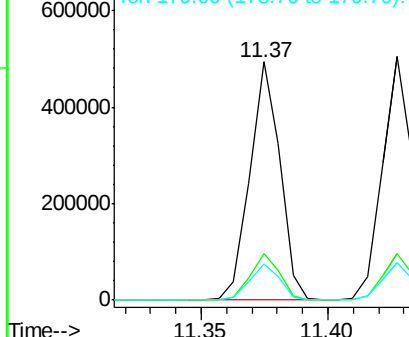


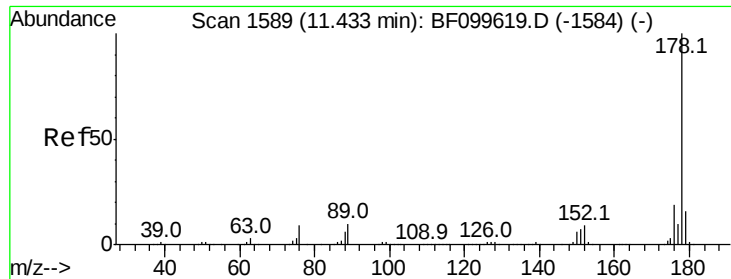
#70
 Phenanthrene
 Concen: 38.423 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:178 Resp: 407771
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.1 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

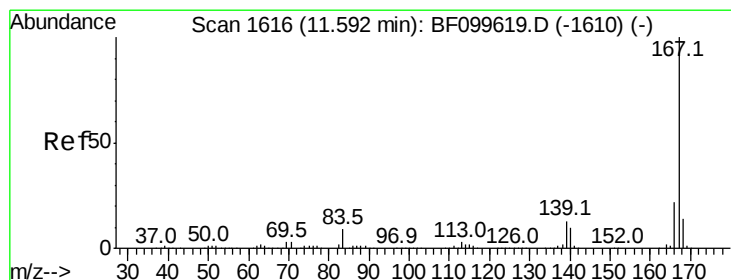
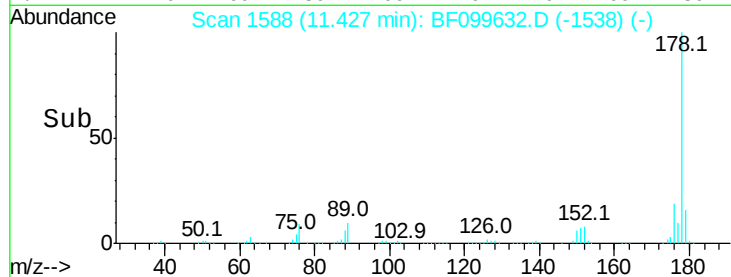
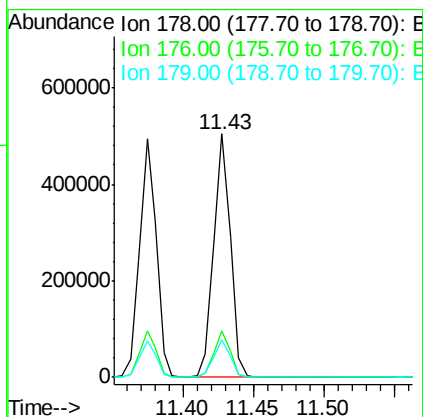
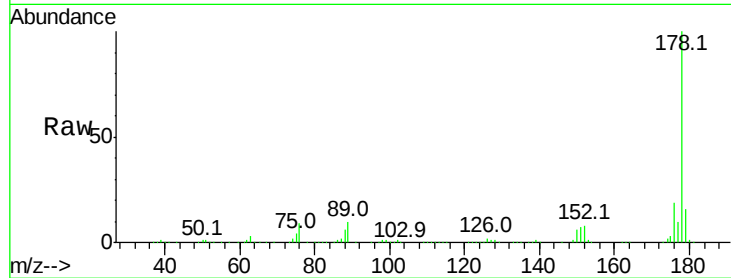




#71
 Anthracene
 Concen: 38.362 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

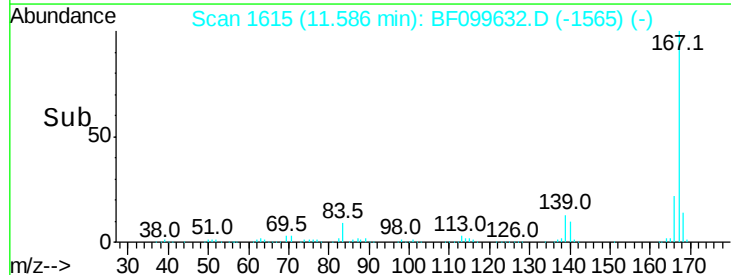
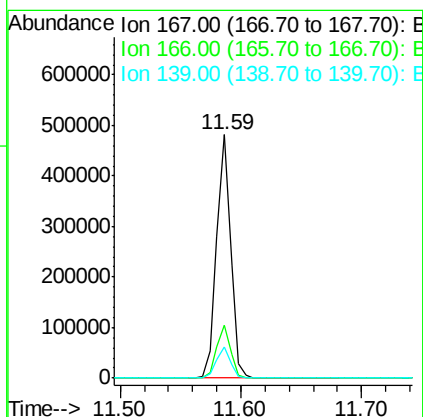
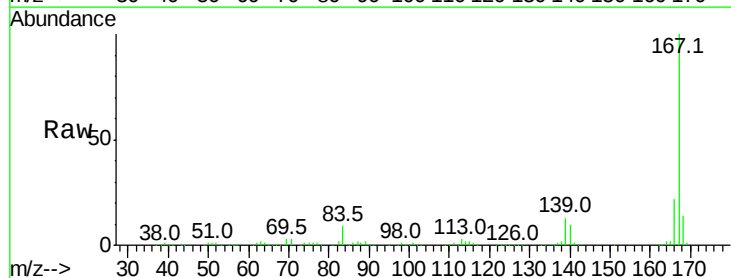
Instrument :
 BNA_F
 ClientSampleId :

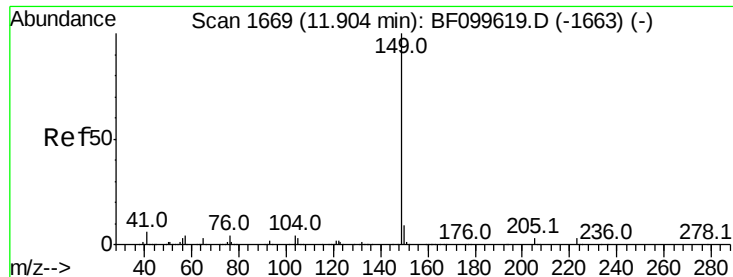
Tot Ion:178 Resp: 416562
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 36.034 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:167 Resp: 383178
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.431 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

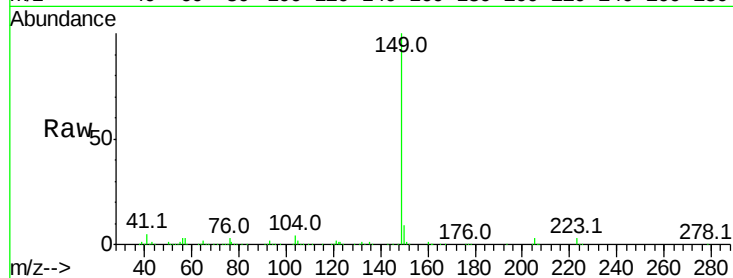
Tot Ion:149 Resp: 466302

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

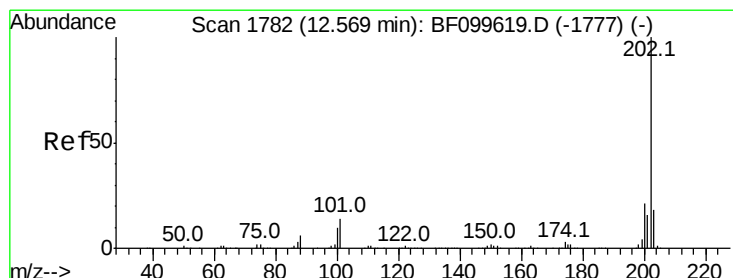
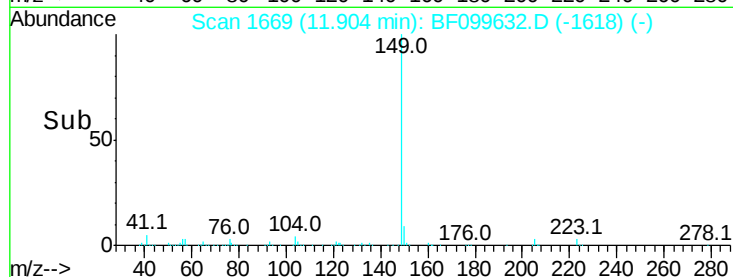
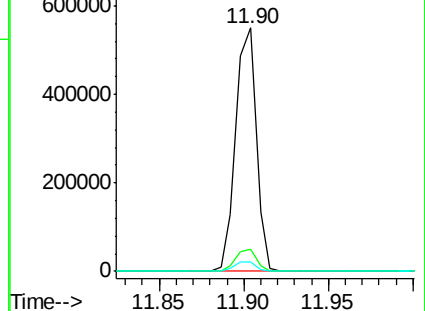
104 3.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.861 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

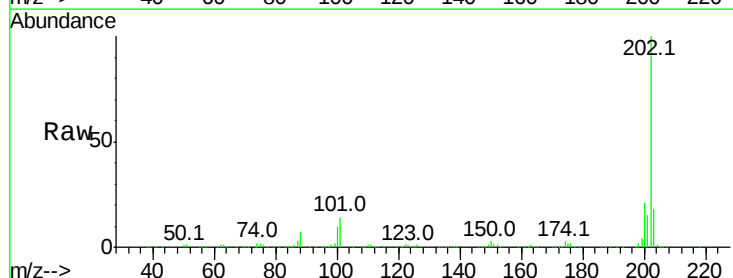
Tgt Ion:202 Resp: 428366

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

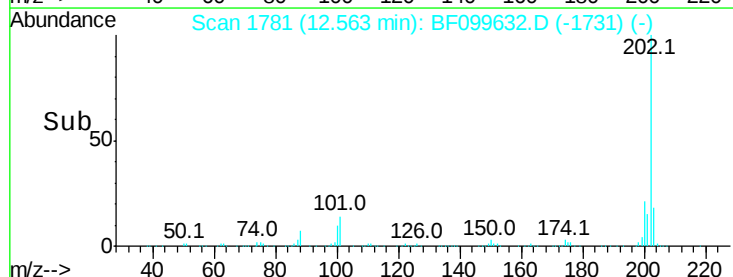
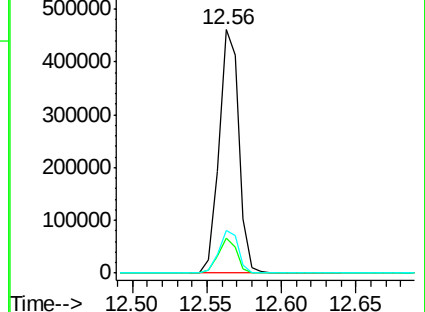
203 17.6 0.0 38.1

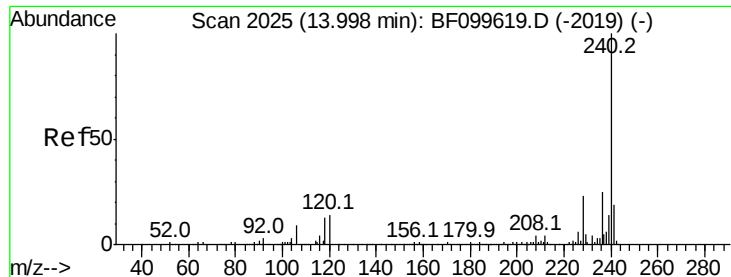


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

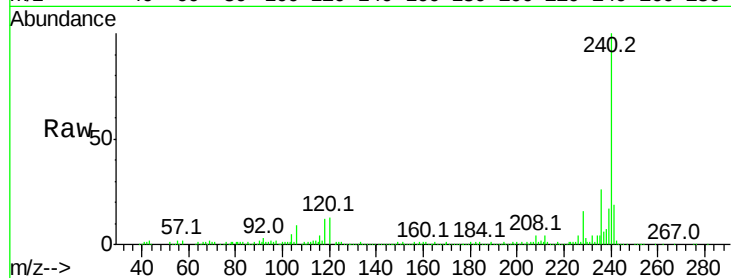
Tot Ion:240 Resp: 178140

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

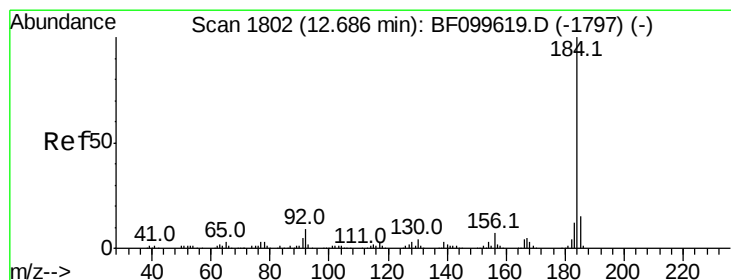
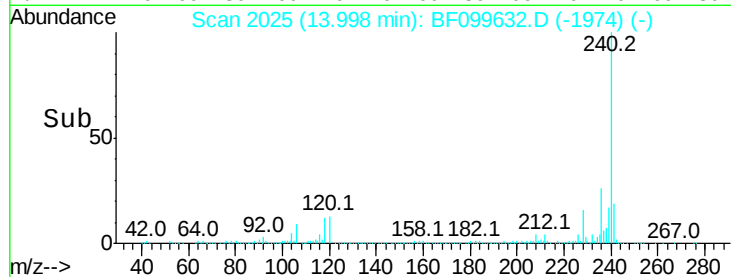
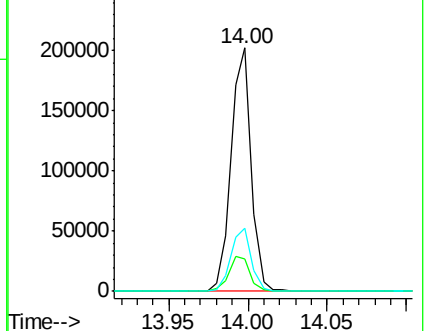
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.261 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

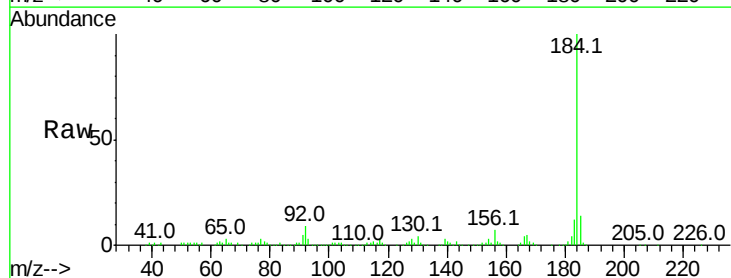
Tgt Ion:184 Resp: 271860

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

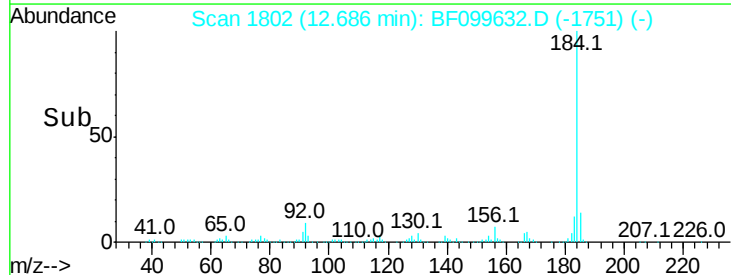
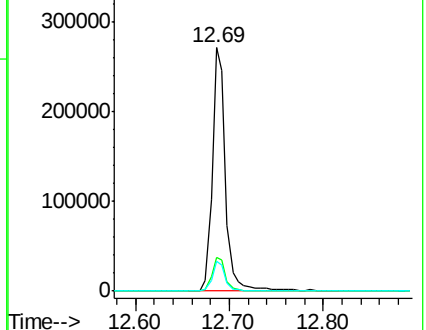
183 12.1 9.3 13.9

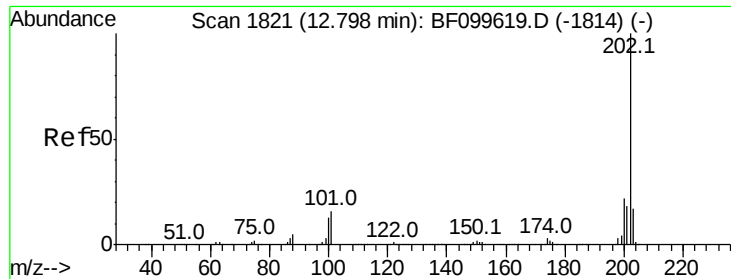


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

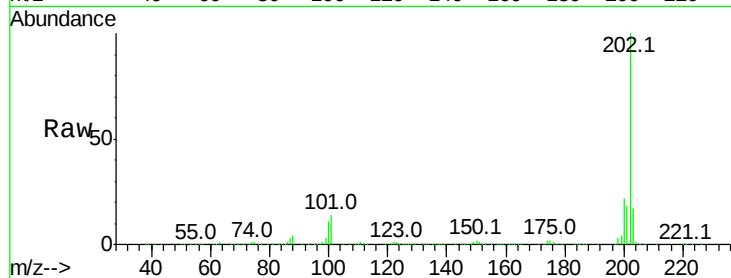




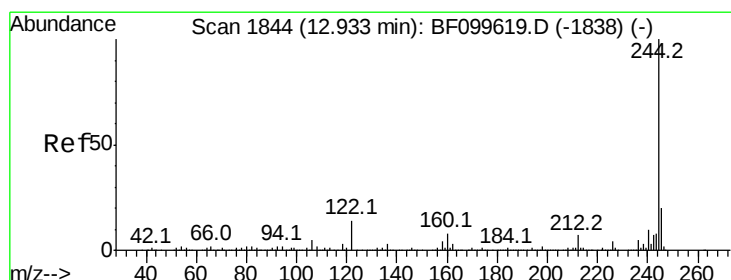
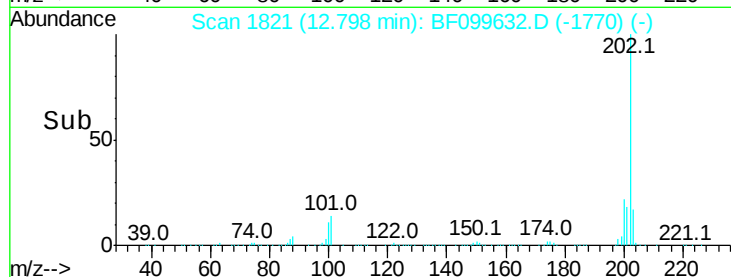
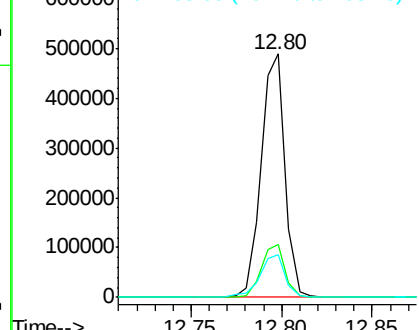
#77
Pvrene
Concen: 32.861 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 446385
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.3 14.3 21.5

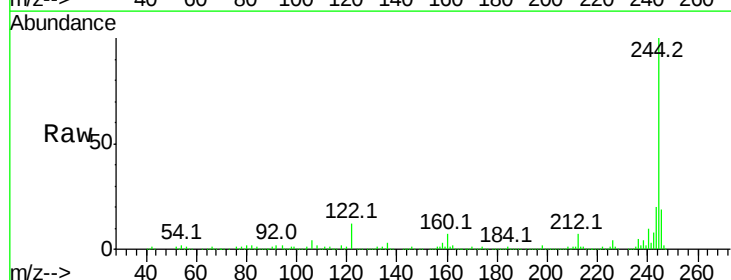


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

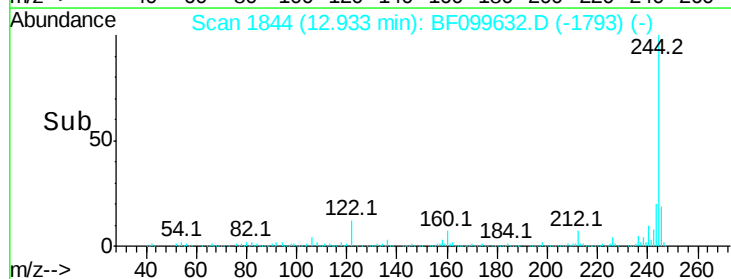
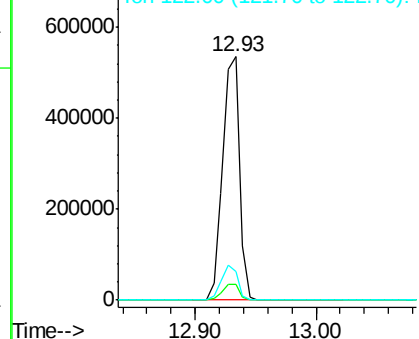


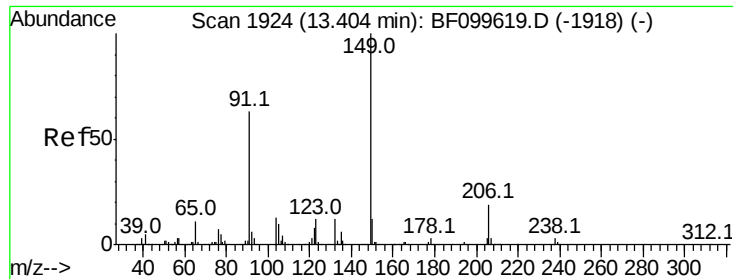
#78
Terphenyl-d14
Concen: 65.285 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:244 Resp: 511381
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

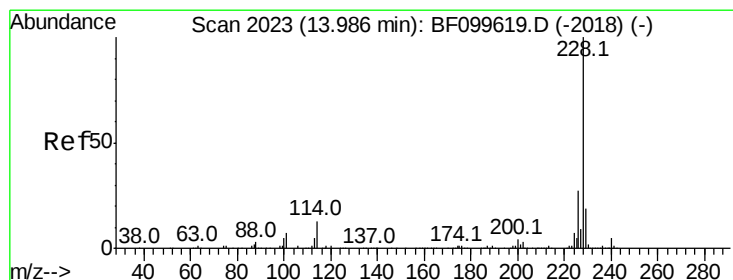
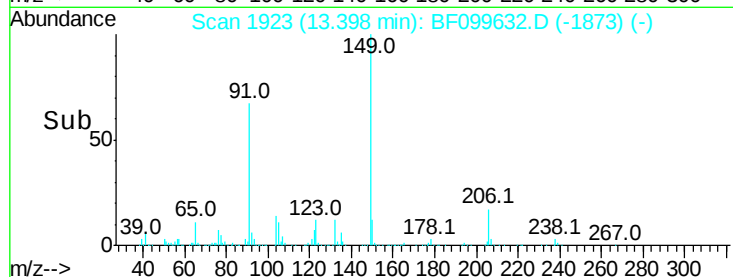
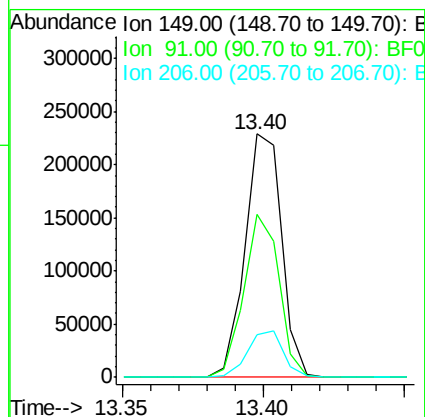
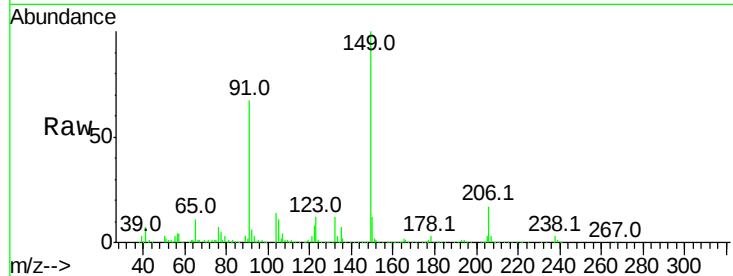




#79
Butylbenzylphthalate
Concen: 32.272 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

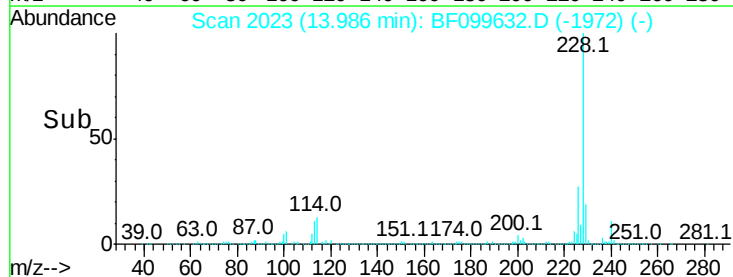
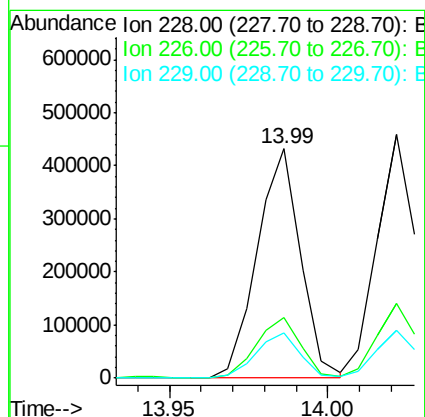
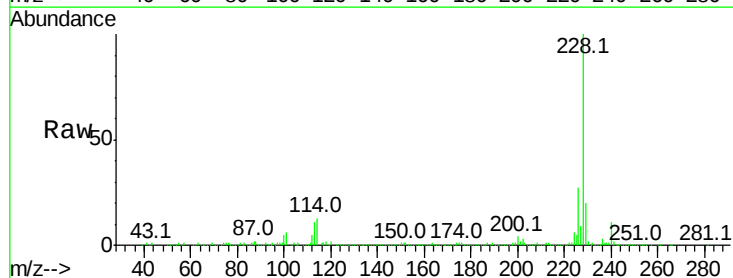
Instrument :
BNA_F
ClientSampleId :

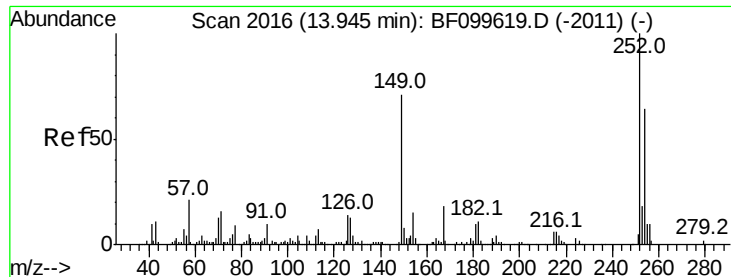
Tot Ion:149 Resp: 206025
Ion Ratio Lower Upper
149 100
91 67.2 56.8 85.2
206 17.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.864 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:228 Resp: 408434
Ion Ratio Lower Upper
228 100
226 26.7 22.6 33.8
229 19.5 15.8 23.6

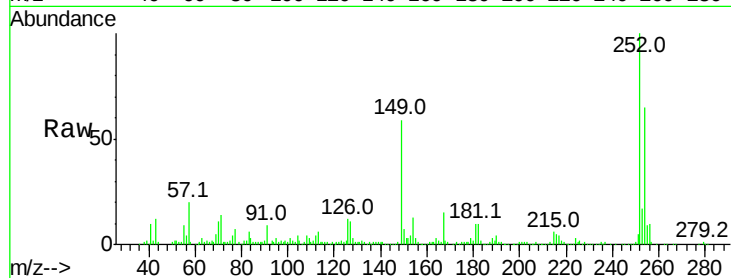




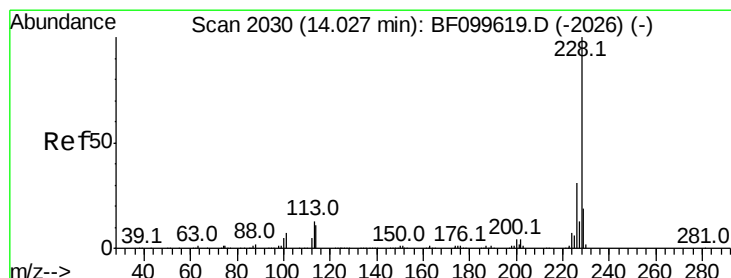
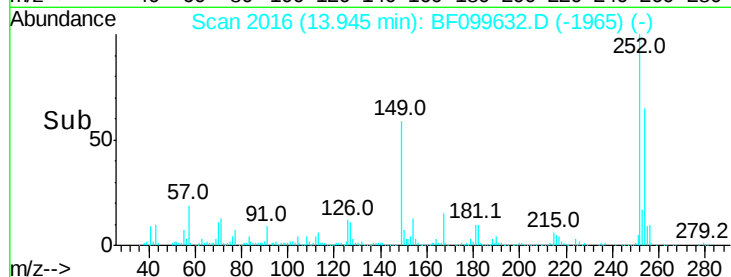
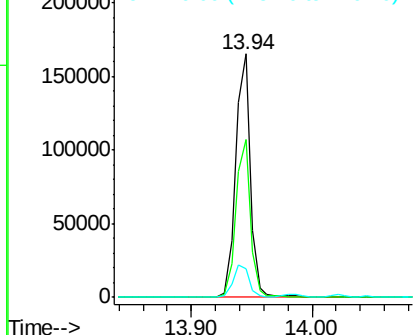
#81
 3,3'-Dichlorobenzidine
 Concen: 35.856 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 141787
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 12.0 11.3 16.9

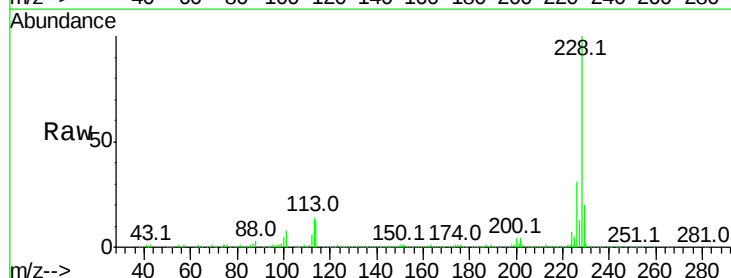


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

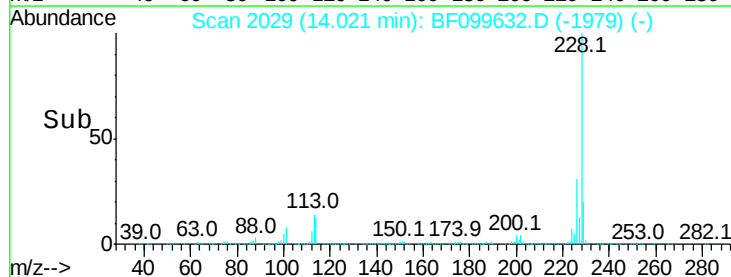
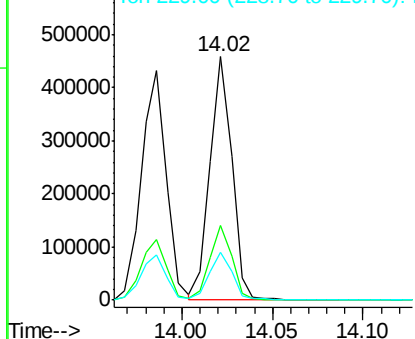


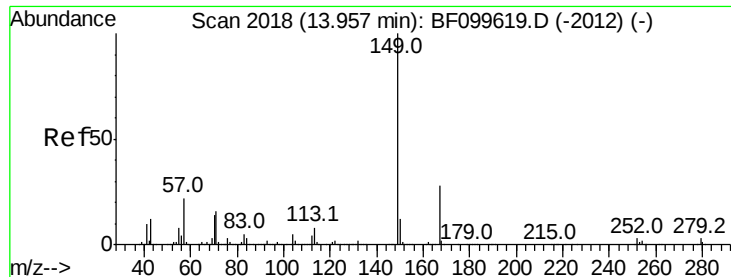
#82
 Chrysene
 Concen: 37.600 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion:228 Resp: 386130
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.7 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.245 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

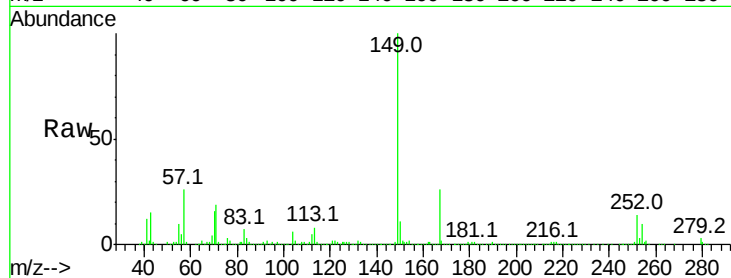
Tot Ion:149 Resp: 292245

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

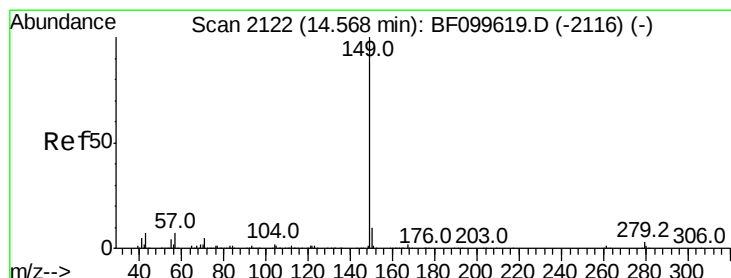
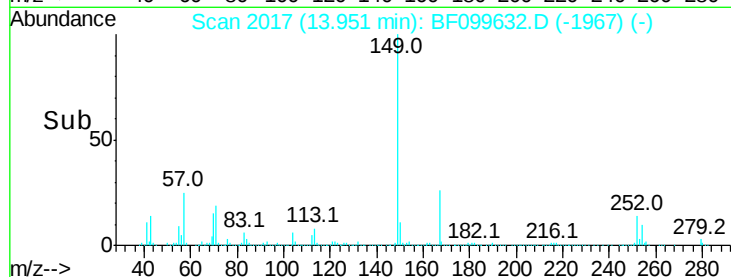
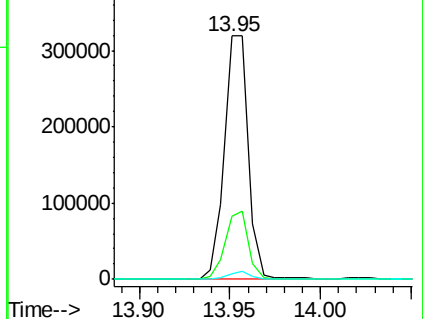
279 2.5 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.901 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

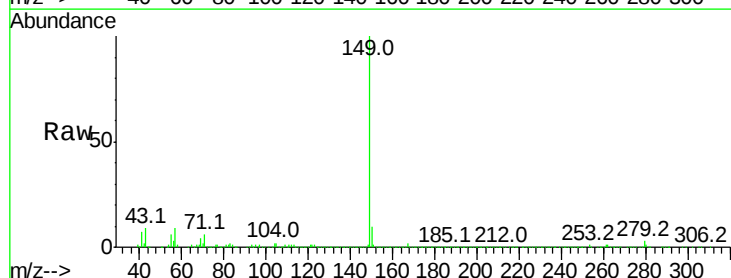
Tgt Ion:149 Resp: 536480

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

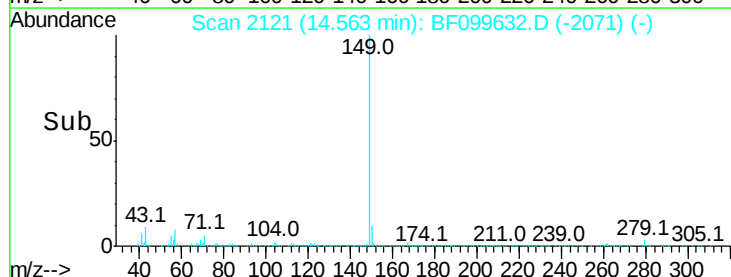
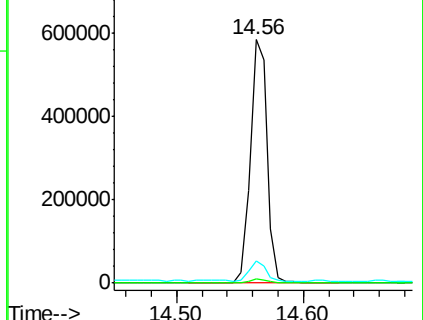
43 8.1 8.4 12.6#

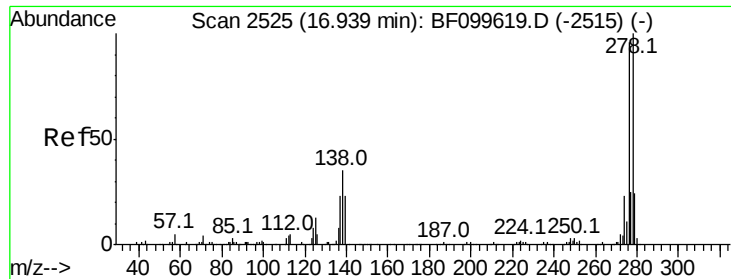


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

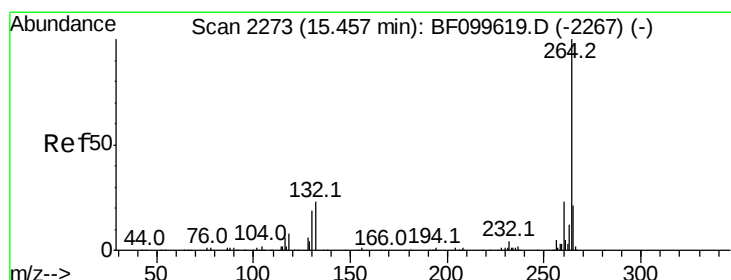
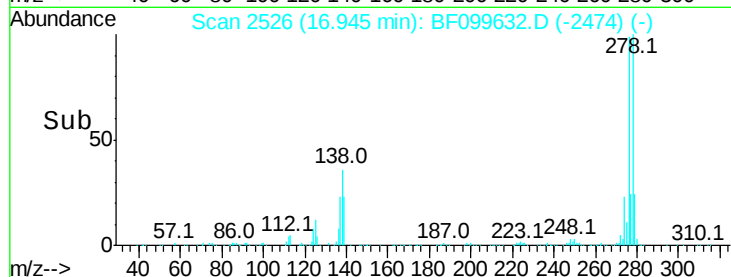
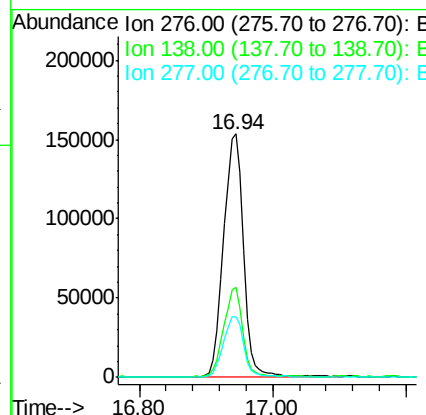
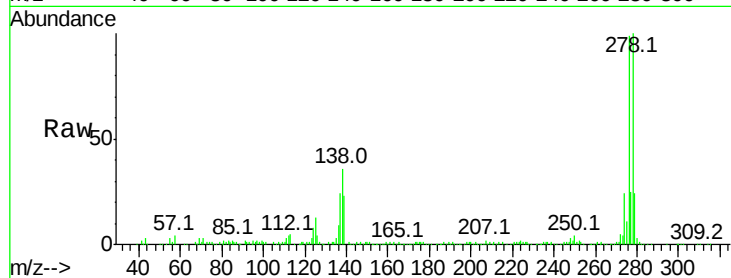




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.066 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. 0.01 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

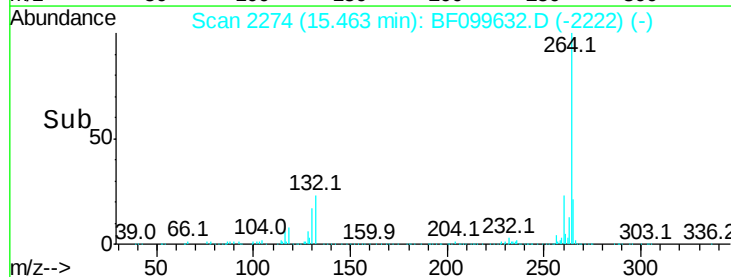
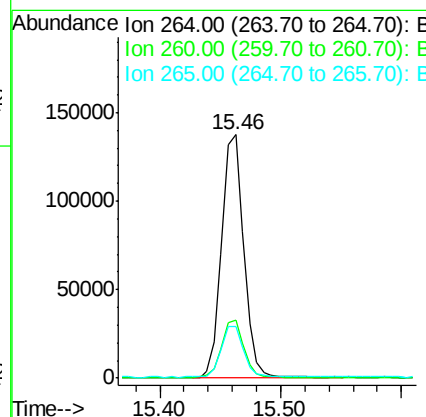
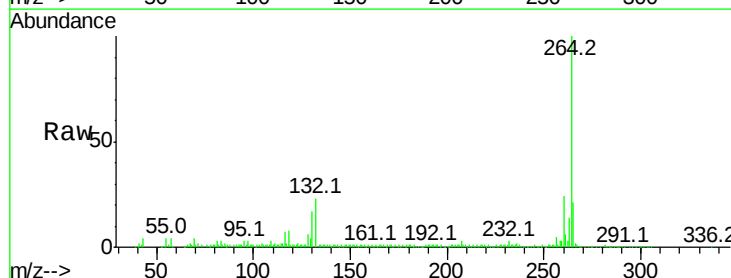
Instrument :
 BNA_F
 ClientSampleId :

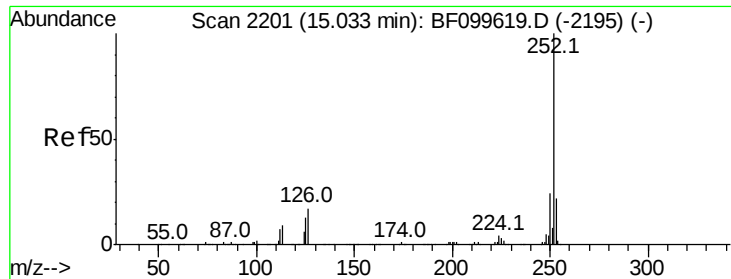
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099632.D
 Acq: 18 Oct 2017 22:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

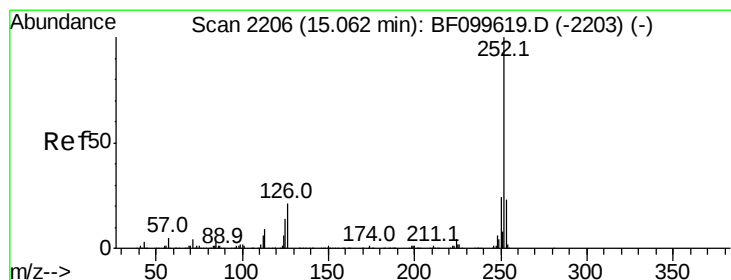
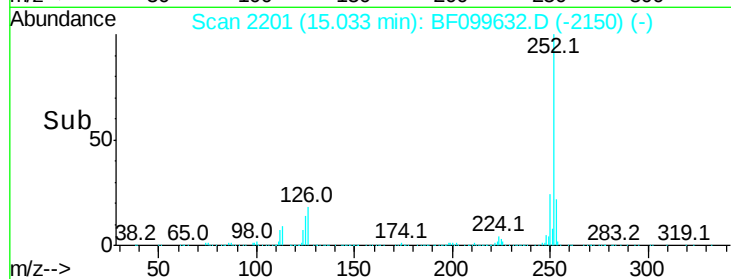
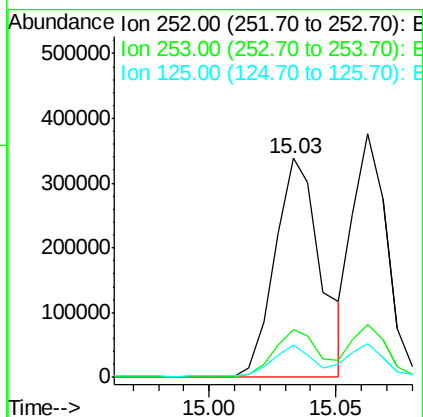
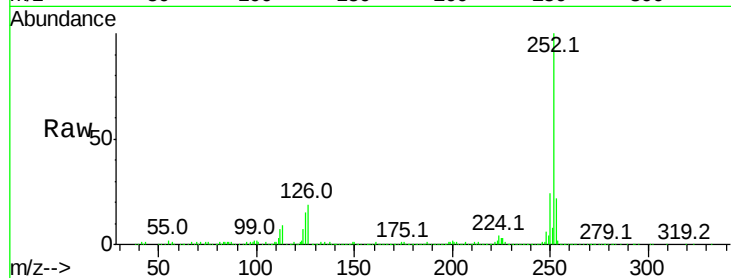




#87
Benzo(b)fluoranthene
Concen: 40.005 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

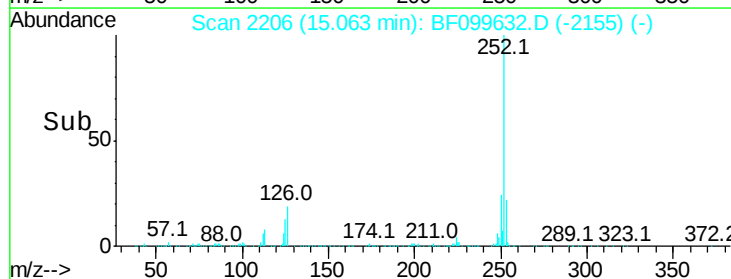
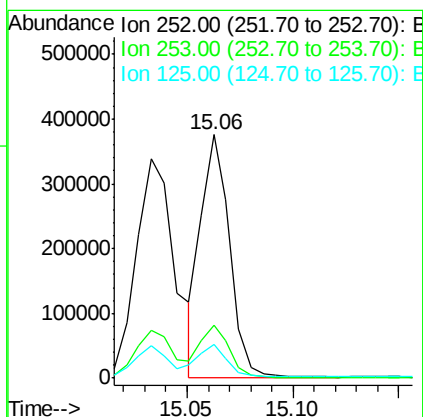
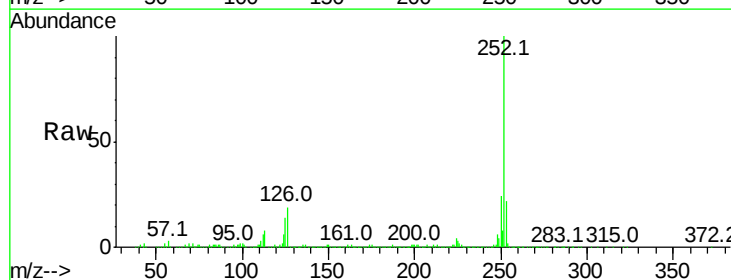
Instrument :
BNA_F
ClientSampleId :

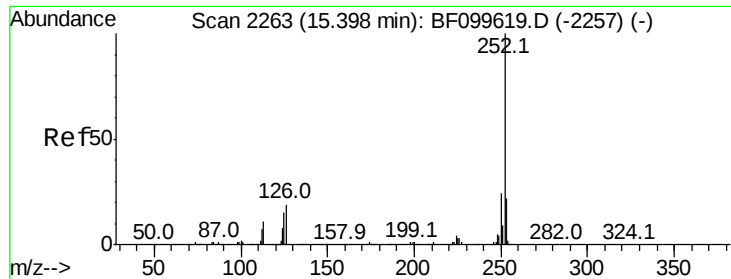
Tot Ion:252 Resp: 426683
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 14.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 33.620 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF099632.D
Acq: 18 Oct 2017 22:10

Tgt Ion:252 Resp: 354171
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.219 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :

BNA_F

ClientSampleId :

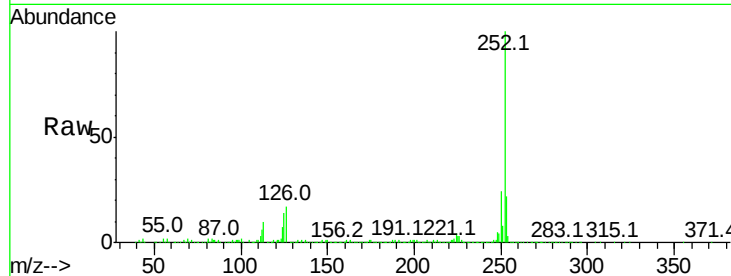
Tot Ion:252 Resp: 364388

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

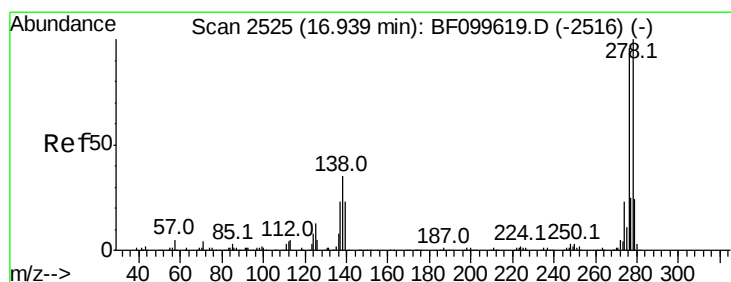
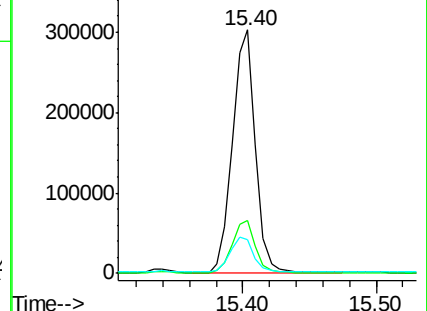
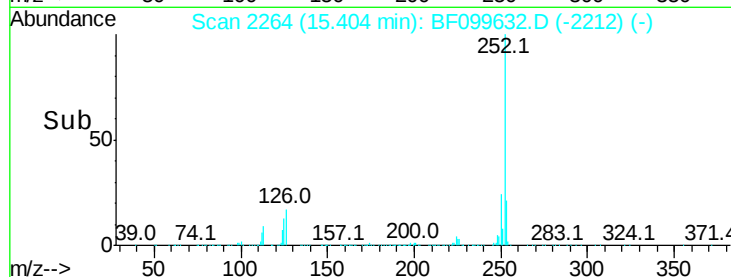
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.707 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

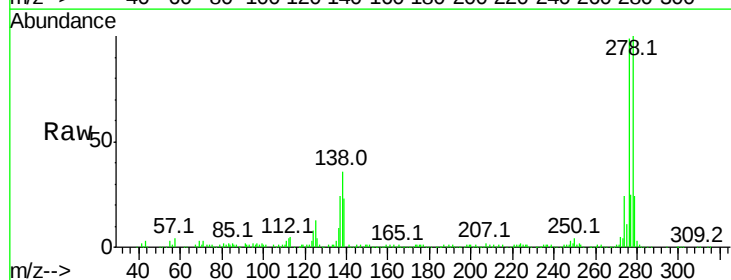
Tgt Ion:278 Resp: 279770

Ion Ratio Lower Upper

278 100

139 23.5 15.9 23.9

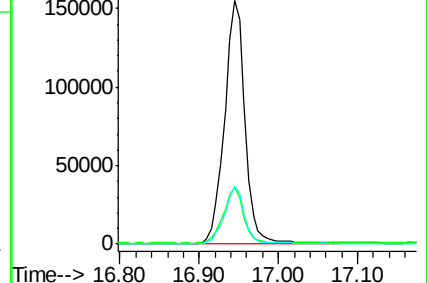
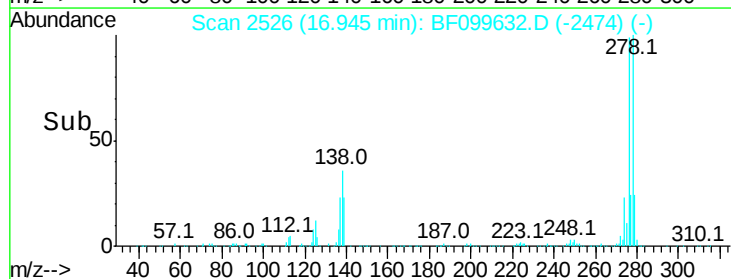
279 23.9 19.0 28.4

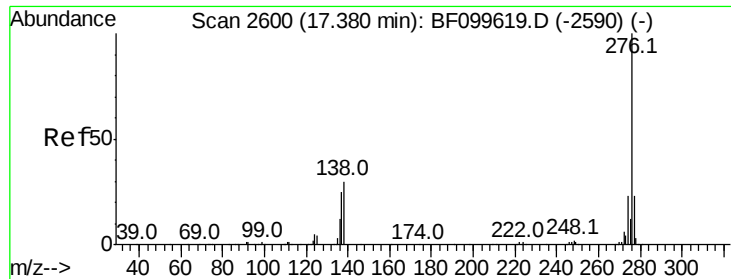


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.135 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.01 min

Lab File: BF099632.D

Acq: 18 Oct 2017 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	30.6	21.8	32.8

