

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099708.D
 Acq On : 20 Oct 2017 18:38
 Operator : SJ/JU
 Sample : I5981-07 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 21 21:24:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	90153	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	348805	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	130481	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	185763	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	176261	20.00	ng	0.00
86) Perylene-d12	15.44	264	175139	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	44975	7.94	ng	0.00
7) Phenol-d6	6.45	99	138243	19.79	ng	-0.01
23) Nitrobenzene-d5	7.37	82	79470	14.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.65	330	838	0.78	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	159163	20.36	ng	-0.01
78) Terphenyl-d14	12.91	244	100096	12.91	ng	-0.01

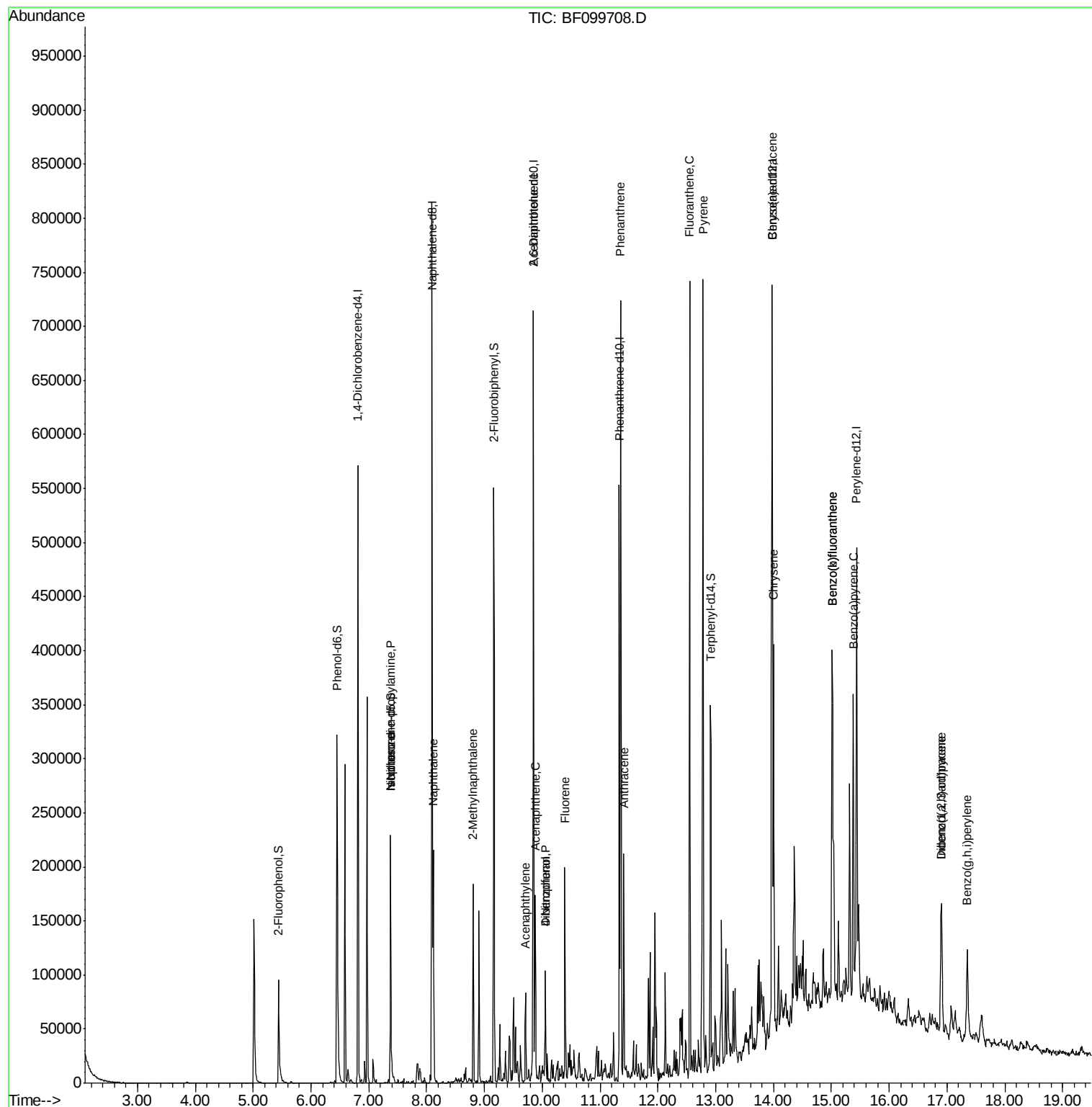
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	9520	2.134	ng	# 71
25) Isophorone	7.37	82	79470	7.067	ng	# 64
31) Naphthalene	8.12	128	90597	5.530	ng	99
37) 2-Methylnaphthalene	8.80	142	49594	4.657	ng	98
48) Acenaphthylene	9.71	152	27845	2.160	ng	100
50) 2,6-Dinitrotoluene	9.85	165	19140	8.927	ng	# 24
51) Acenaphthene	9.88	154	34191	4.188	ng	98
54) Dibenzofuran	10.05	168	33112	3.046	ng	96
55) 4-Nitrophenol	10.05	139	12096	5.722	ng	# 12
57) Fluorene	10.39	166	59390	6.797	ng	99
70) Phenanthrene	11.36	178	265990	26.750	ng	97
71) Anthracene	11.41	178	78878	7.753	ng	98
74) Fluoranthene	12.55	202	275334	27.345	ng	97
77) Pyrene	12.78	202	279137	20.768	ng	98
80) Benzo(a)anthracene	13.97	228	144425	13.532	ng	99
82) Chrysene	14.00	228	118595	11.671	ng	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	58309	7.174	ng	99
87) Benzo(b)fluoranthene	15.02	252	221169	20.539	ng	# 95
88) Benzo(k)fluoranthene	15.02	252	221169	20.795	ng	98
89) Benzo(a)pyrene	15.38	252	125808	12.728	ng	97
90) Dibenzo(a,h)anthracene	16.90	278	16709	2.112	ng	# 77
91) Benzo(g,h,i)perylene	17.35	276	60356	7.719	ng	94

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

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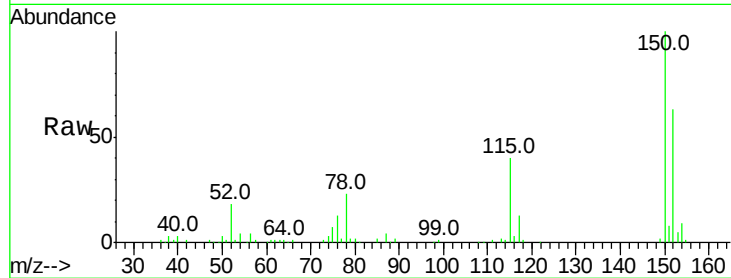


#1

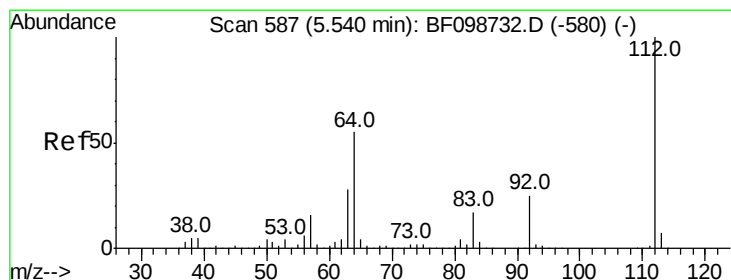
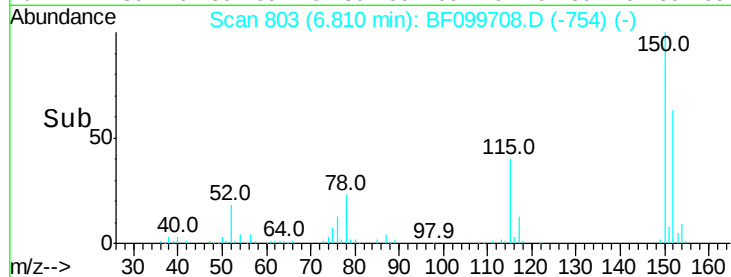
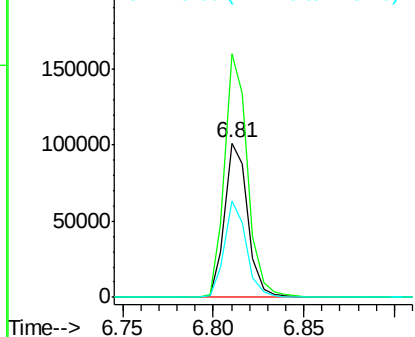
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90153
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 62.6 50.1 75.1



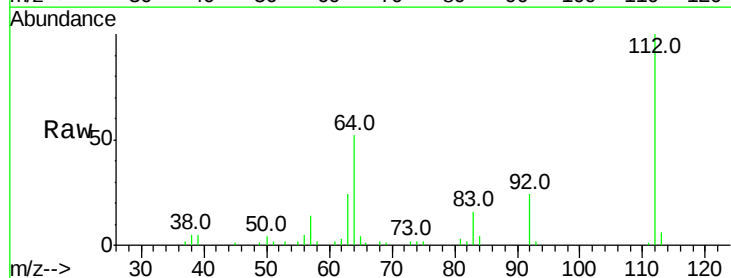
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



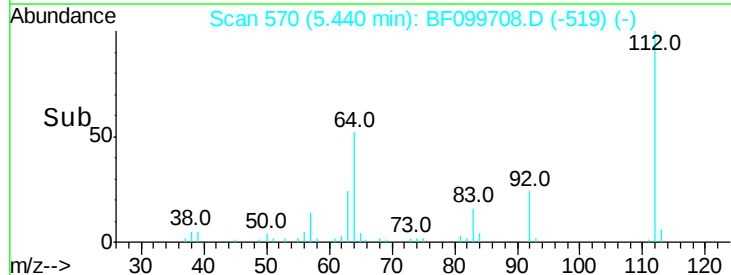
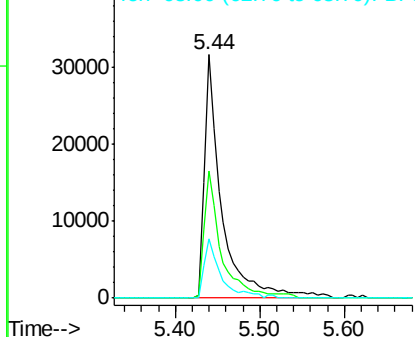
#5

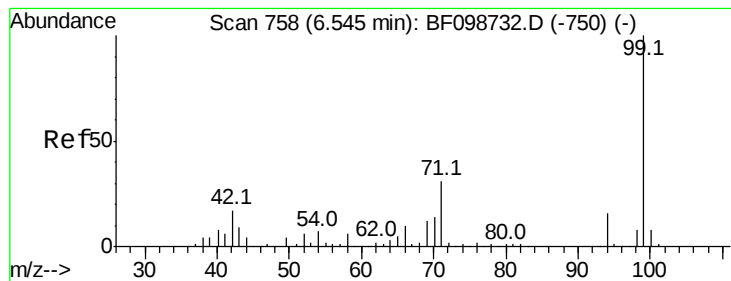
2-Fluorophenol
Concen: 7.942 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Tgt Ion:112 Resp: 44975
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 24.4 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





#7

Phenol-d6

Concen: 19.788 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

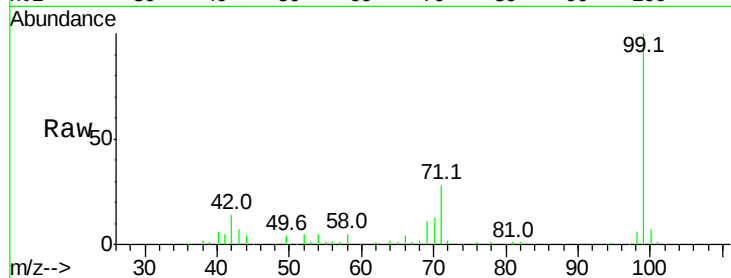
Tot Ion: 99 Resp: 138243

Ion Ratio Lower Upper

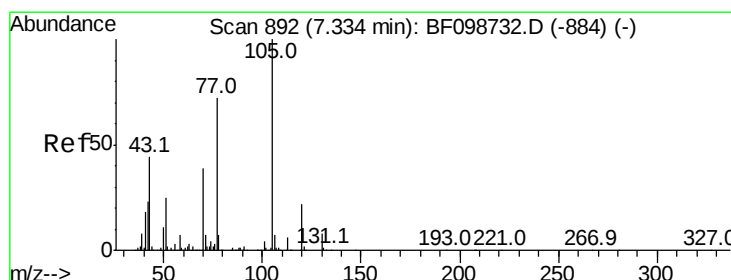
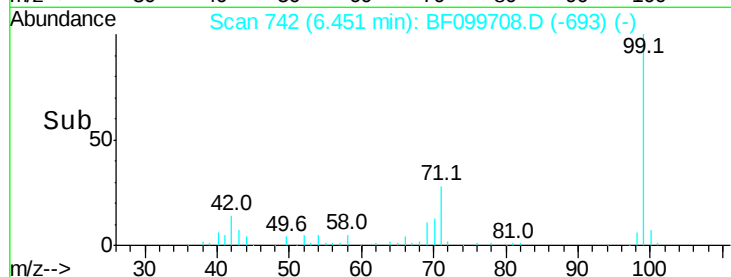
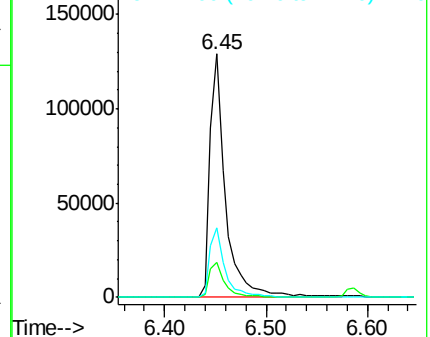
99 100

42 14.4 14.5 21.7#

71 28.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.134 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

Tgt Ion: 70 Resp: 9520

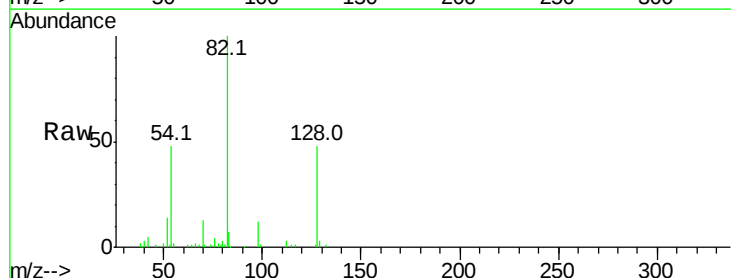
Ion Ratio Lower Upper

70 100

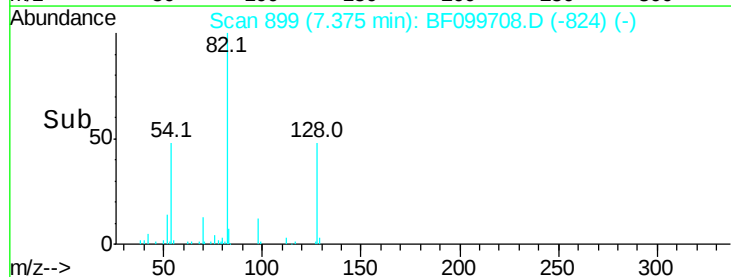
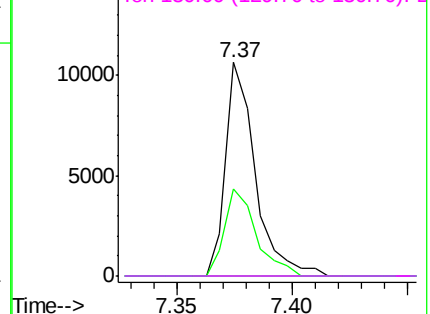
42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

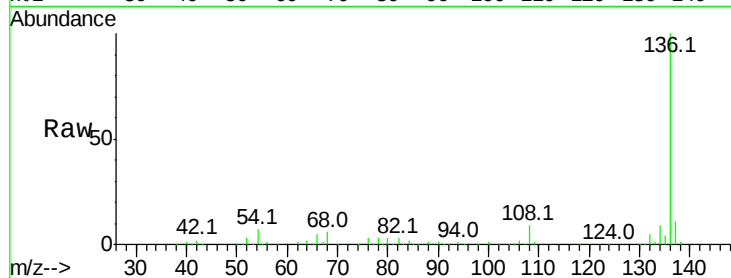




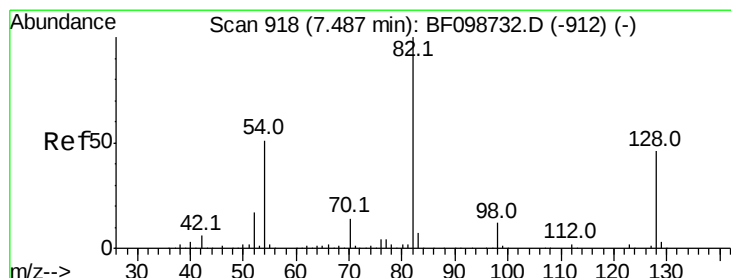
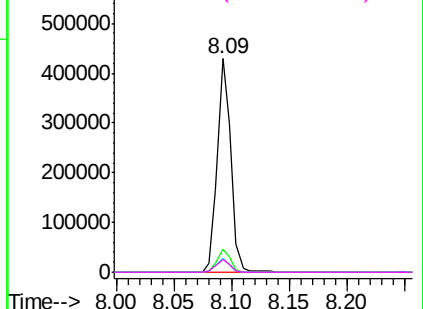
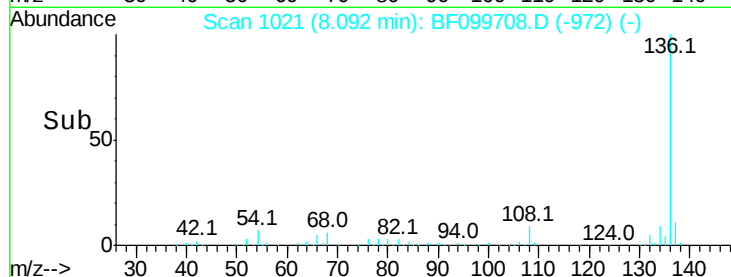
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	348805
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

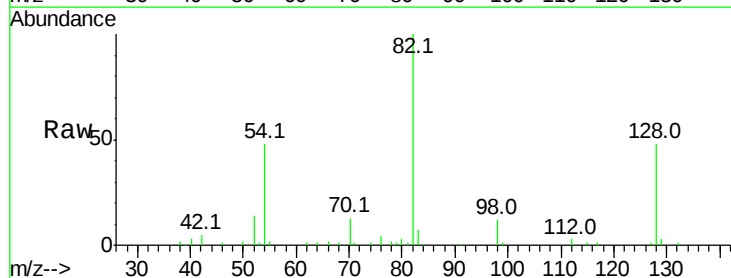


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

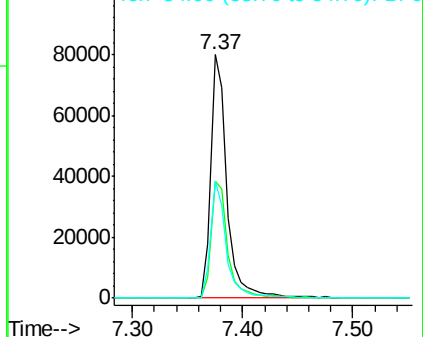
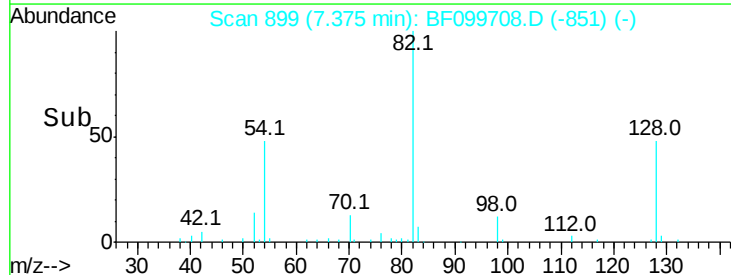


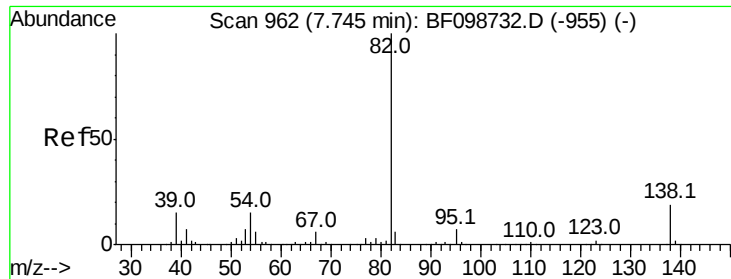
#23
Nitrobenzene-d5
Concen: 14.611 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Tgt Ion:	82	Resp:	79470
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	48.0	41.4	62.2



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





#25

Isophorone

Concen: 7.067 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.27 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

Instrument :

BNA_F

ClientSampled :

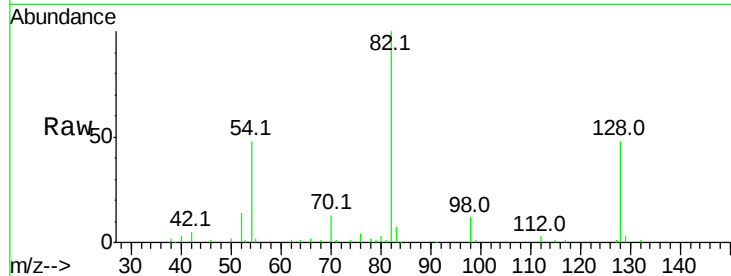
Tot Ion: 82 Resp: 79470

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

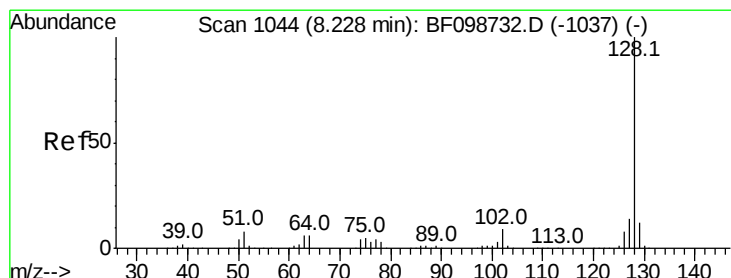
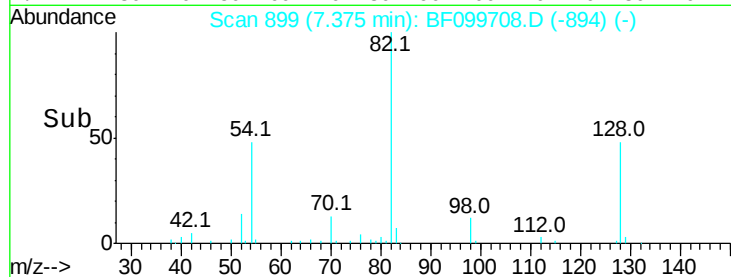
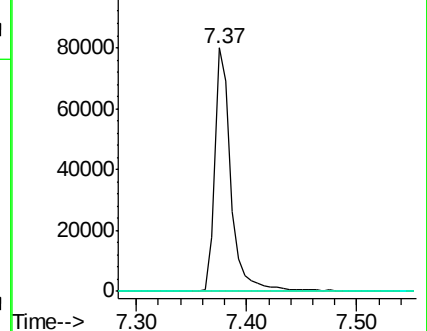
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 5.530 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

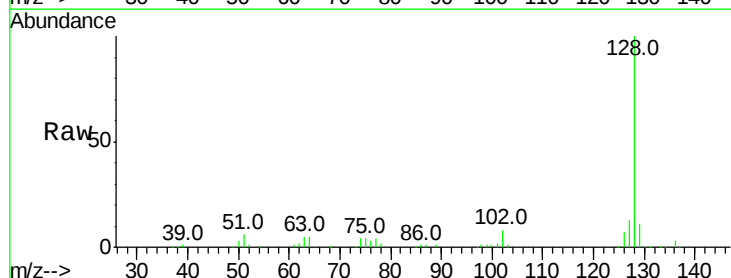
Tgt Ion:128 Resp: 90597

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

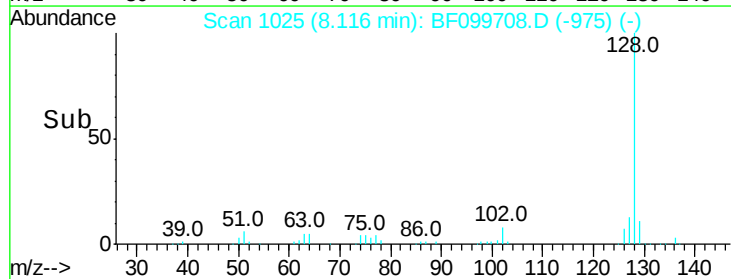
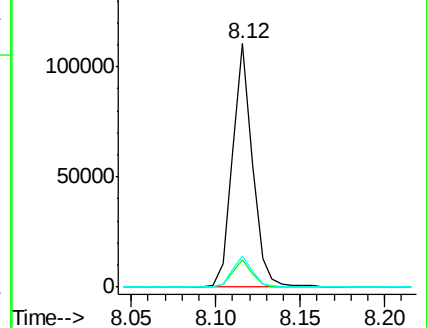
127 12.7 10.9 16.3

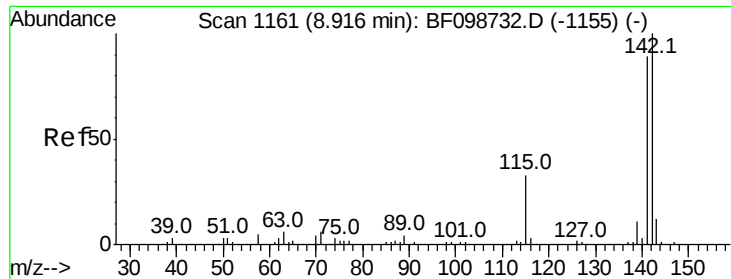


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

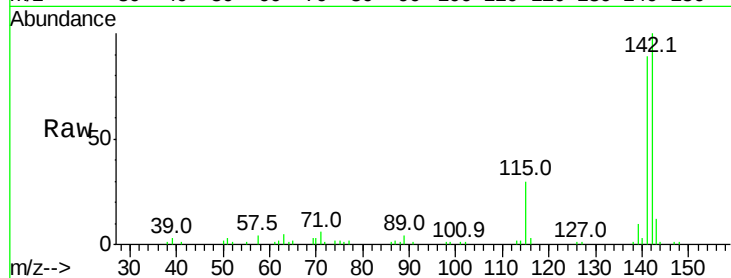




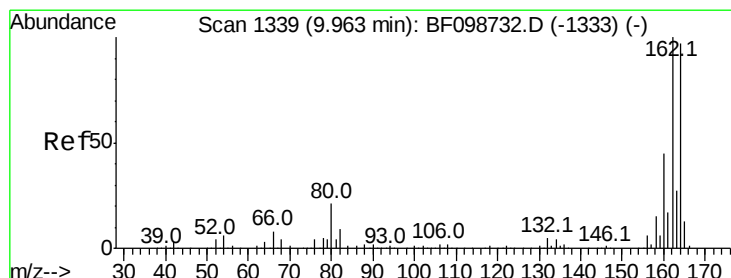
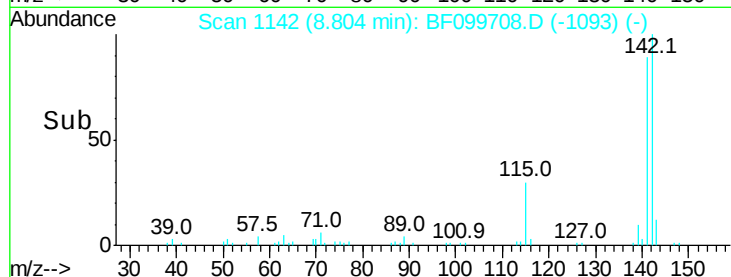
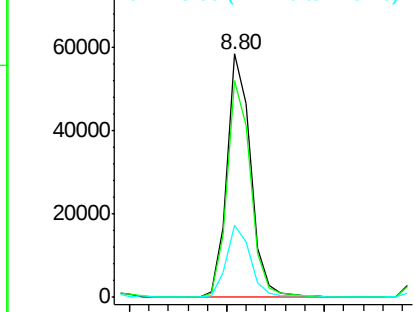
#37
 2-Methylnaphthalene
 Concen: 4.657 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF099708.D
 Acq: 20 Oct 2017 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 49594
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.8 106.2
 115 29.8 26.1 39.1

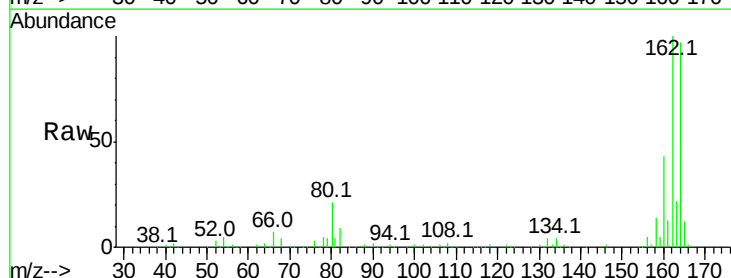


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

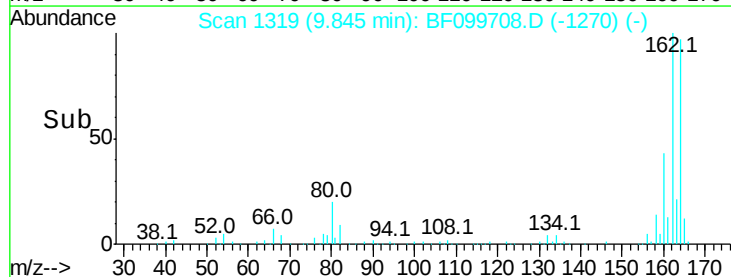
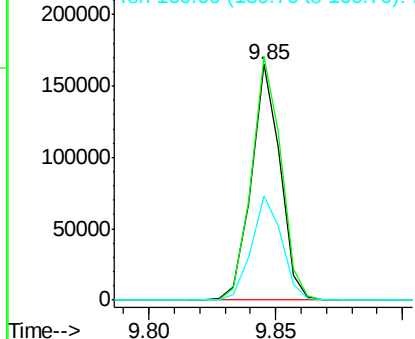


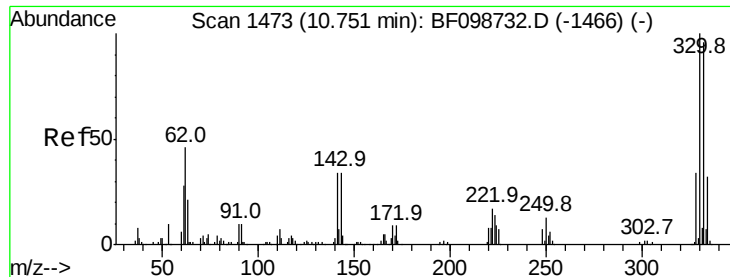
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099708.D
 Acq: 20 Oct 2017 18:38

Tgt Ion:164 Resp: 130481
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 44.4 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

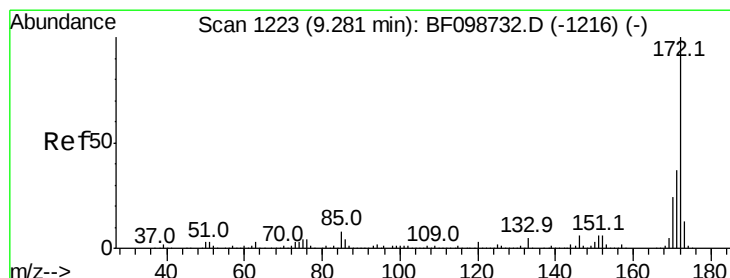
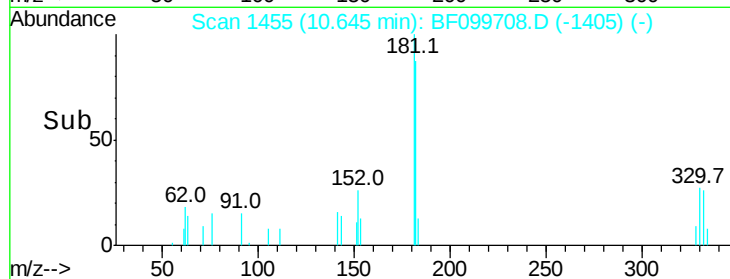
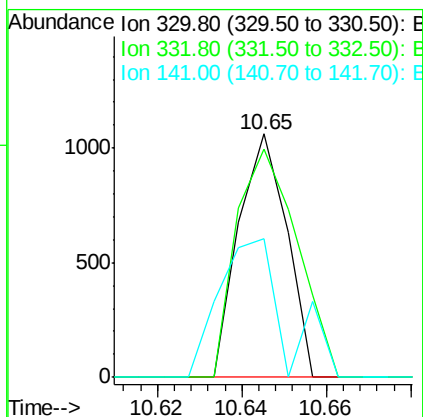
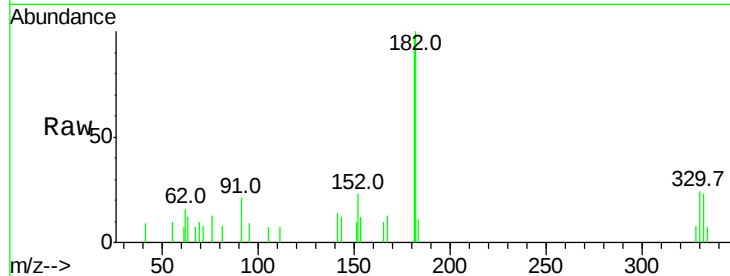




#41
 2,4,6-Tribromophenol
 Concen: 0.785 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099708.D
 Acq: 20 Oct 2017 18:38

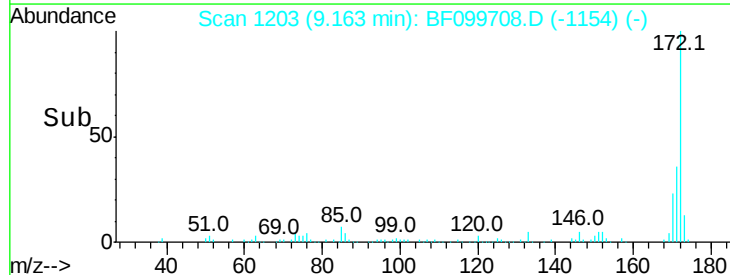
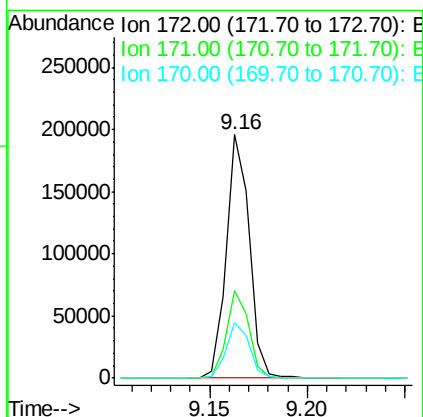
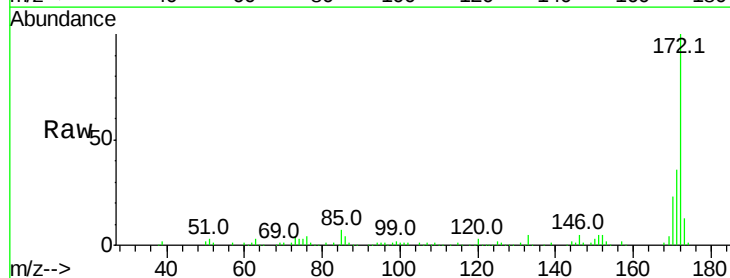
Instrument :
 BNA_F
 ClientSampled :

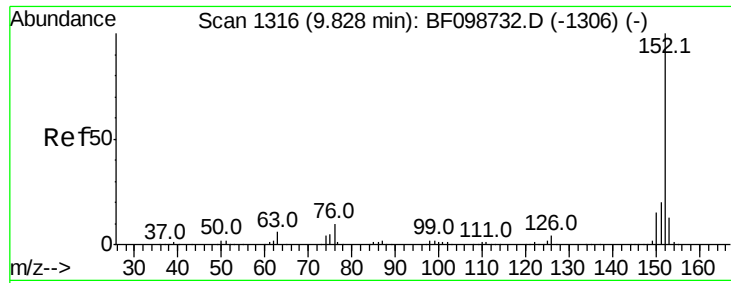
Tot Ion:330 Resp: 838
 Ion Ratio Lower Upper
 330 100
 332 119.1 77.0 115.6#
 141 77.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 20.364 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF099708.D
 Acq: 20 Oct 2017 18:38

Tgt Ion:172 Resp: 159163
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.0 19.6 29.4





#48

Acenaphthylene

Concen: 2.160 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

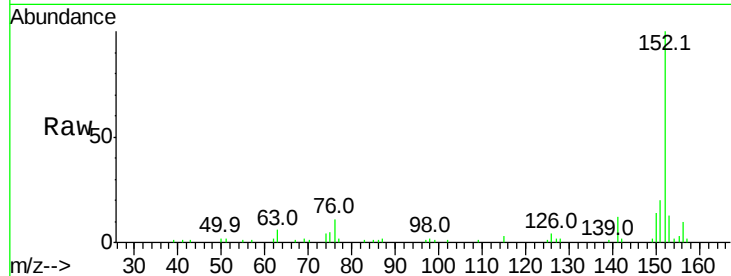
Tot Ion:152 Resp: 27845

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

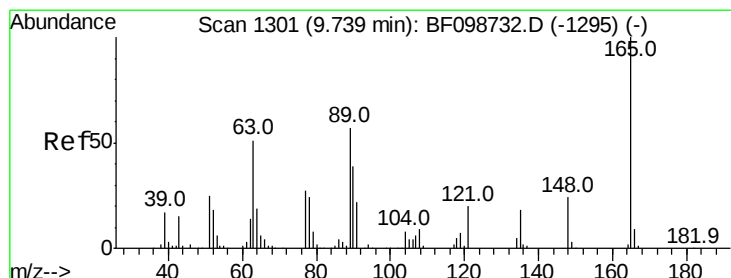
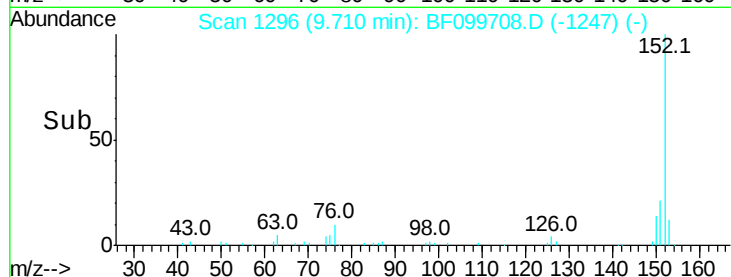
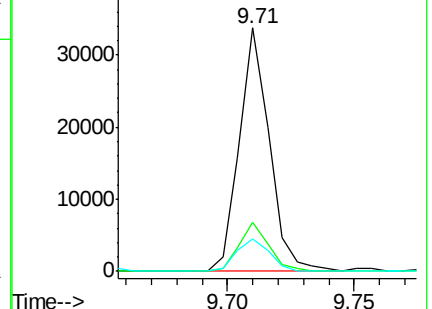
153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 8.927 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.19 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

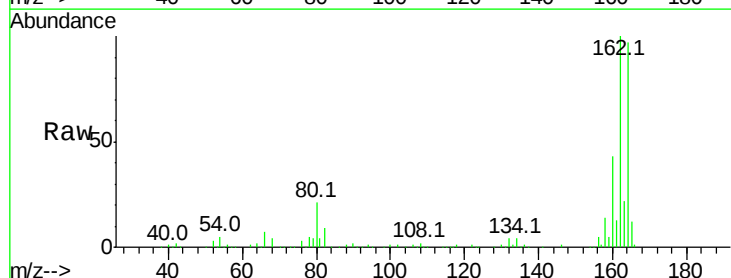
Tgt Ion:165 Resp: 19140

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

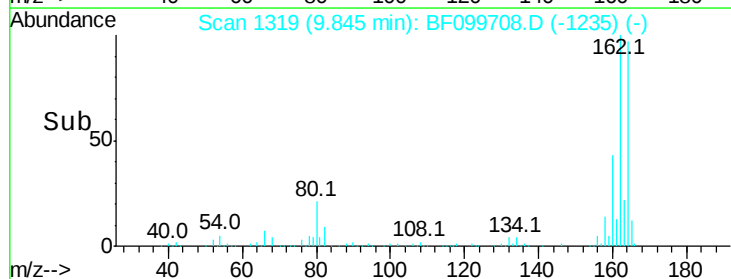
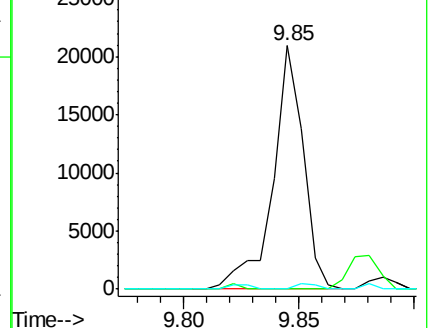
89 0.0 44.0 66.0#

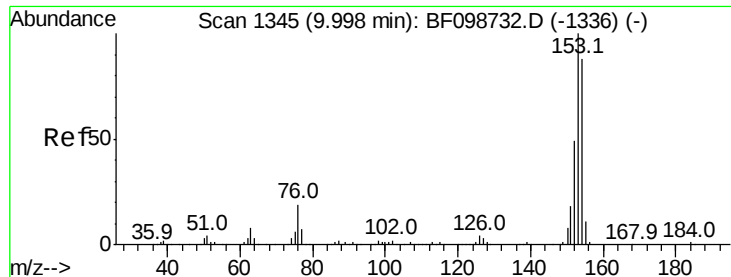


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 4.188 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

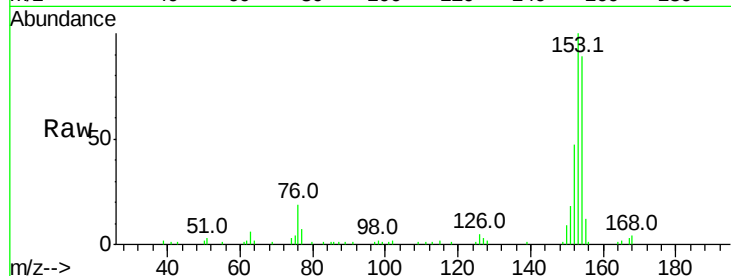
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 34191

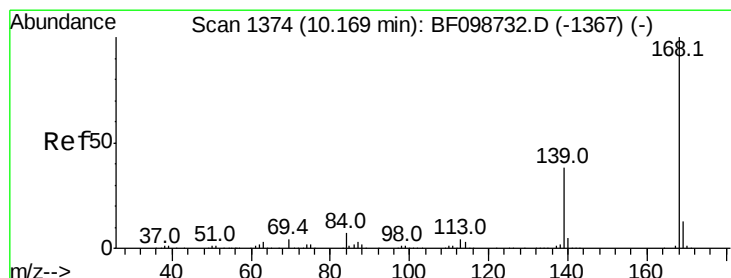
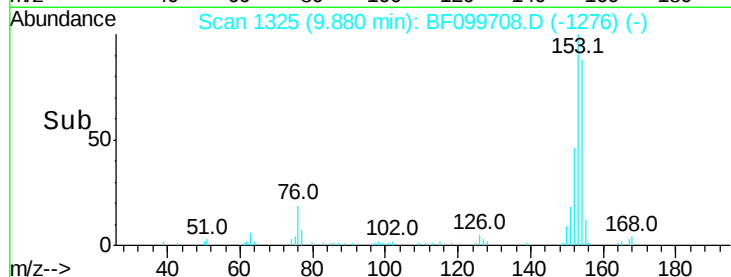
Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.2	136.8
152	52.8	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.046 ng

RT: 10.05 min Scan# 1354

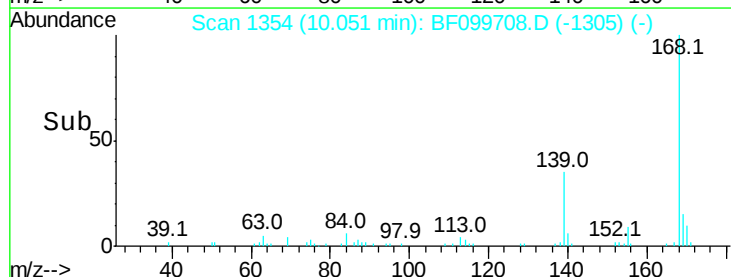
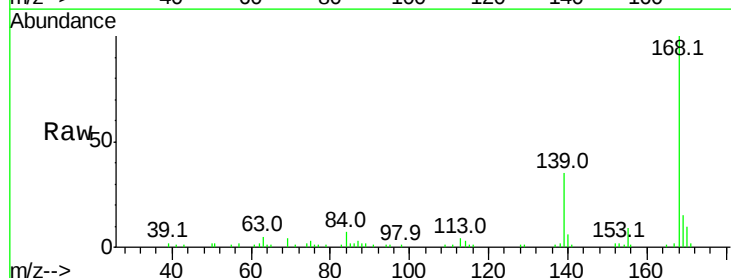
Delta R.T. -0.01 min

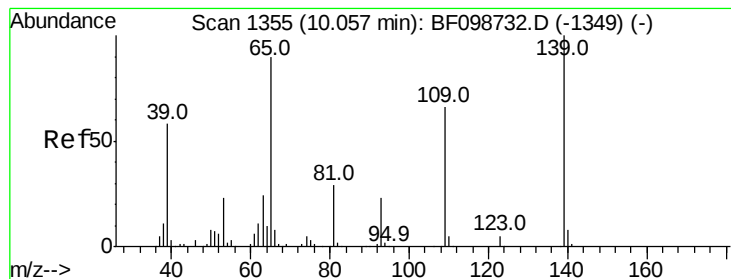
Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

Tgt Ion:168 Resp: 33112

Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.1	45.1
169	15.2	10.9	16.3





#55

4-Nitrophenol

Concen: 5.722 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.05 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

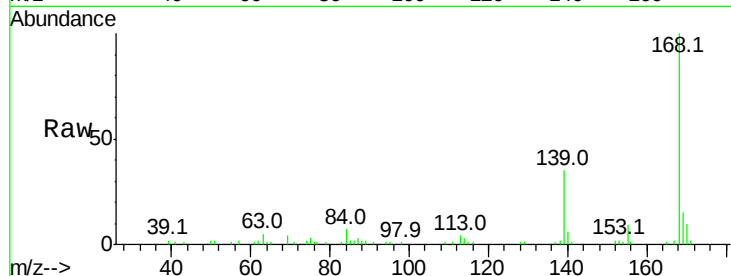
Tot Ion:139 Resp: 12096

Ion Ratio Lower Upper

139 100

109 3.3 48.4 88.4#

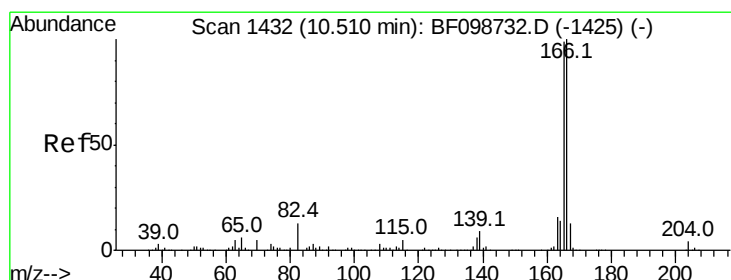
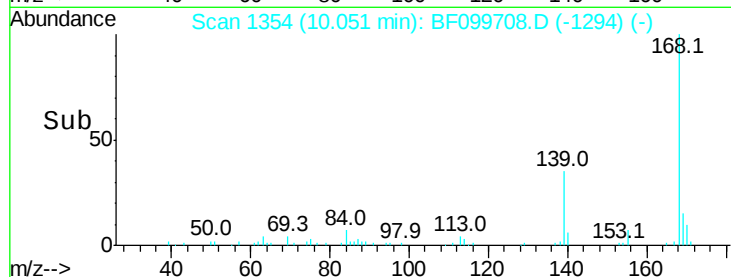
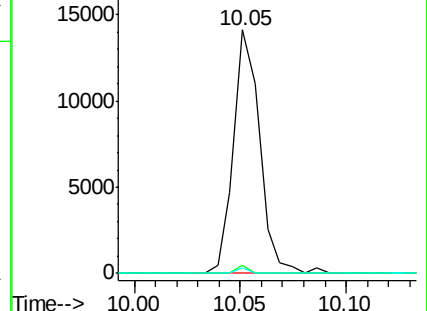
65 2.2 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#57

Fluorene

Concen: 6.797 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

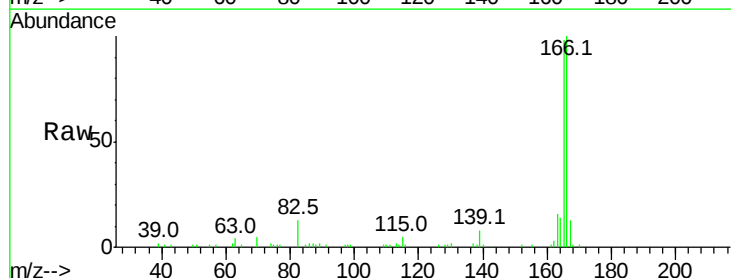
Tgt Ion:166 Resp: 59390

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

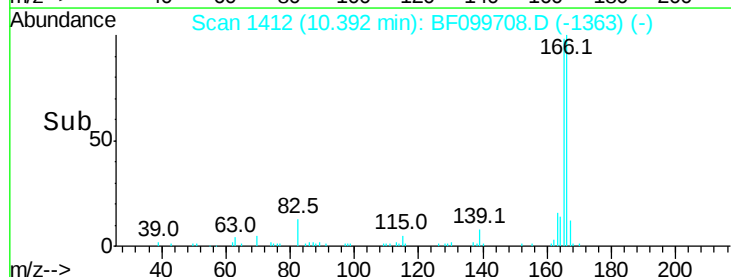
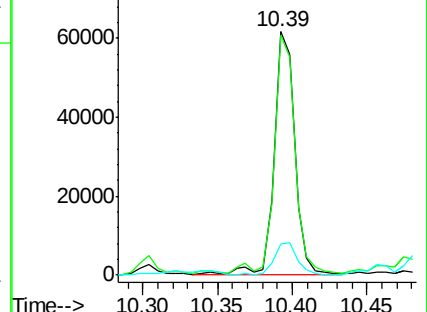
167 12.8 10.6 16.0

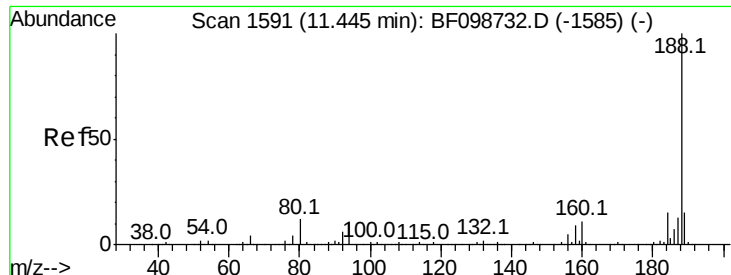


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

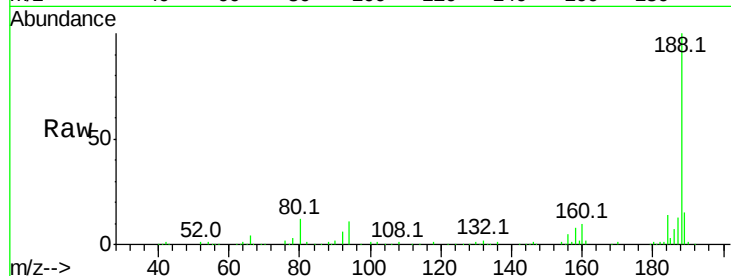




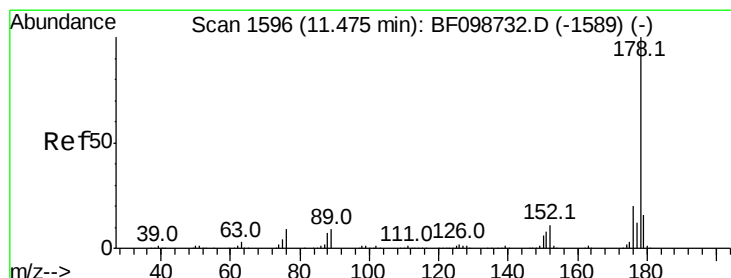
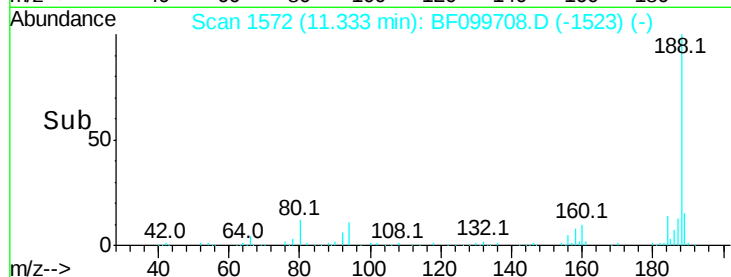
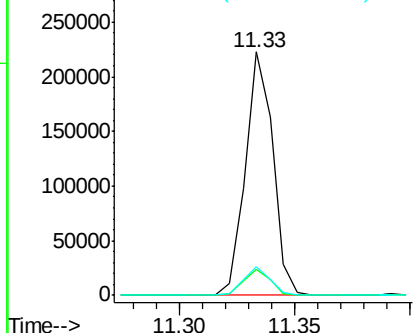
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 185763
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8

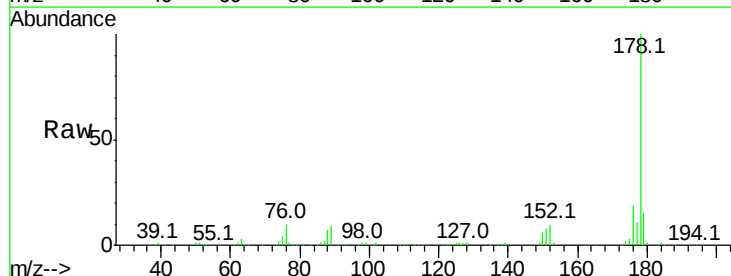


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

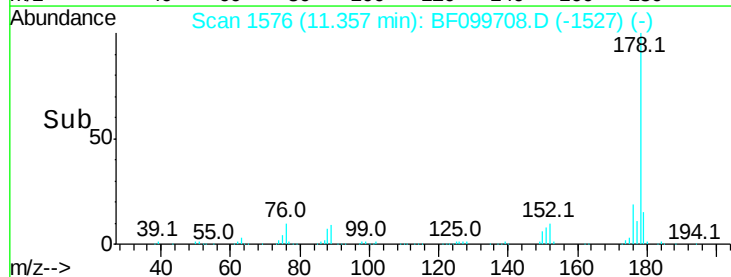
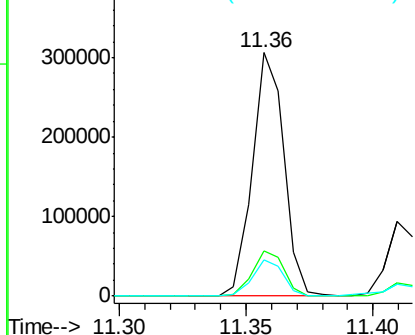


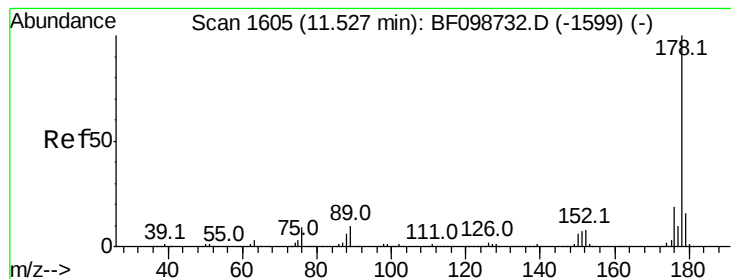
#70
Phenanthrene
Concen: 26.750 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Tgt Ion:178 Resp: 265990
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 14.9 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: 7.753 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

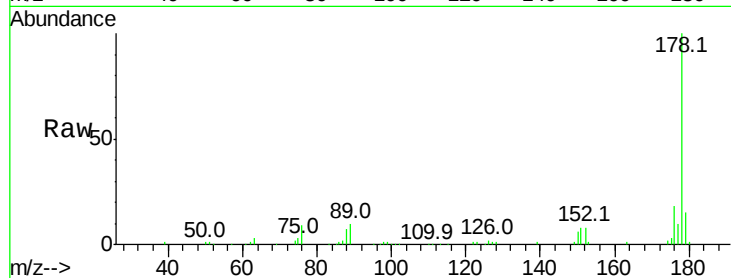
Tot Ion:178 Resp: 78878

Ion Ratio Lower Upper

178 100

176 17.9 15.4 23.2

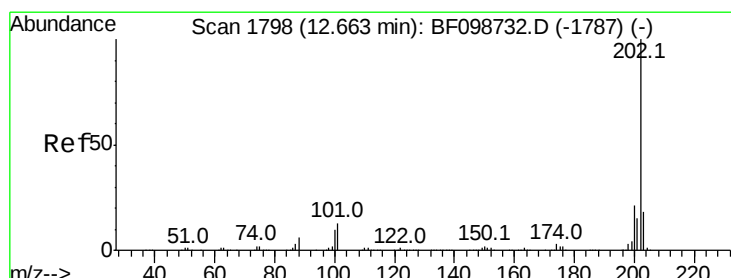
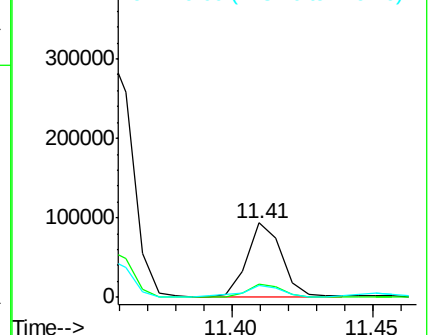
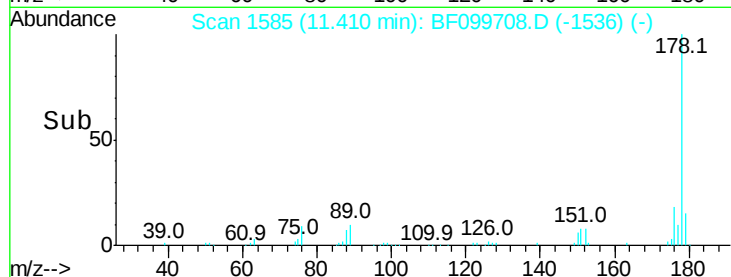
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 27.345 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

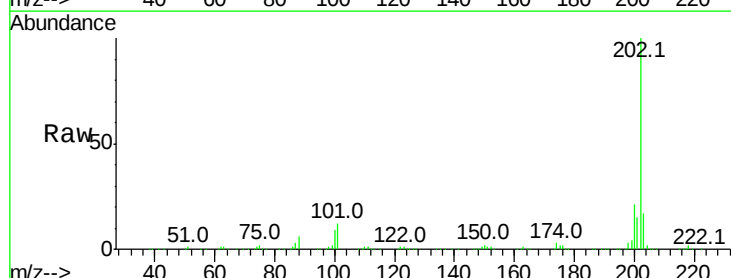
Tgt Ion:202 Resp: 275334

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

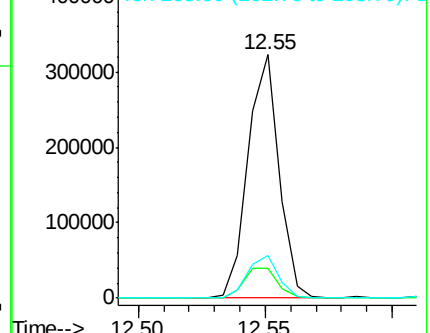
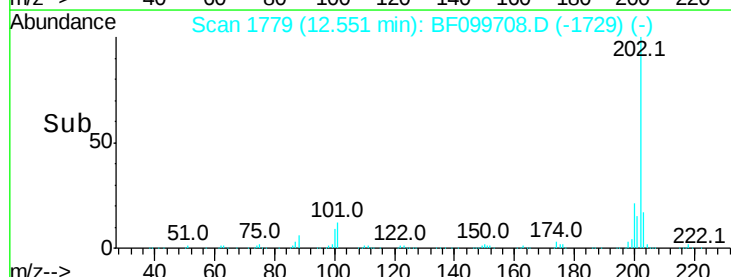
203 17.5 0.0 38.1

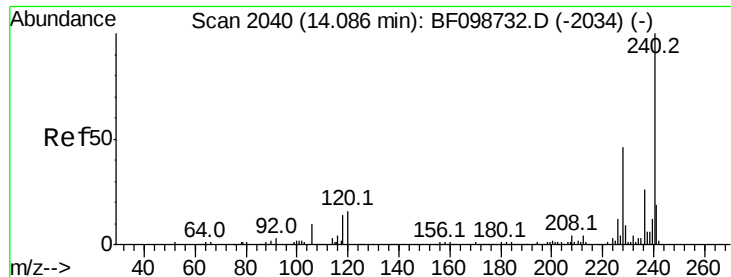


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

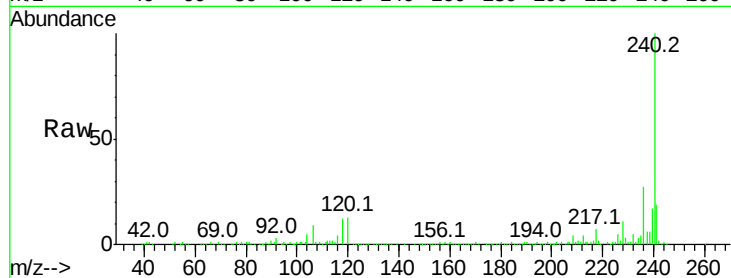




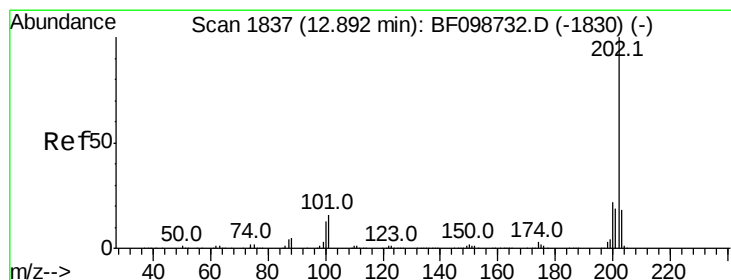
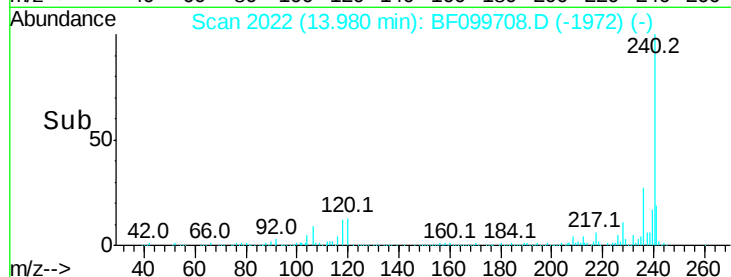
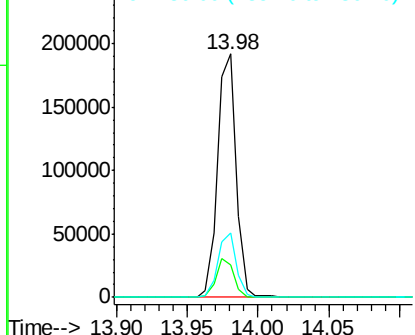
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 176261
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.6 20.7 31.1

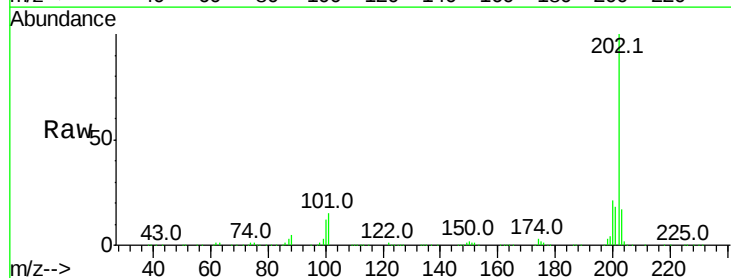


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

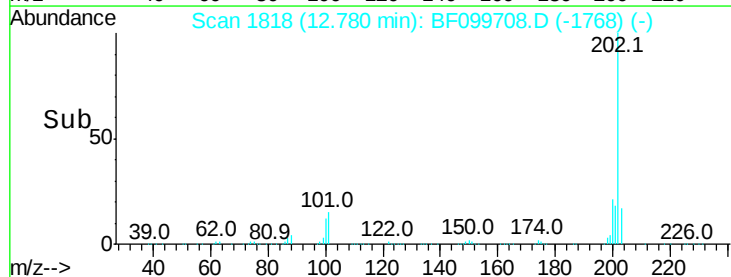
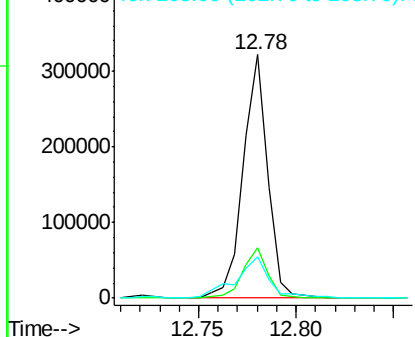


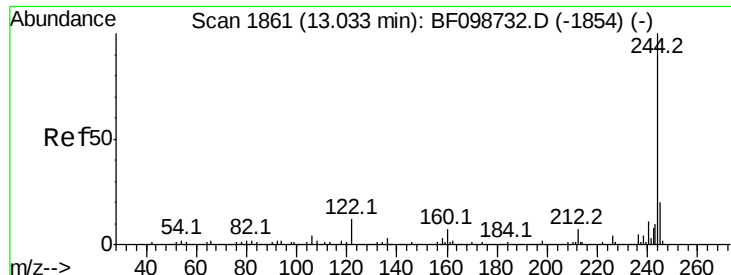
#77
Pyrene
Concen: 20.768 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Tgt Ion:202 Resp: 279137
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.2 14.3 21.5



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

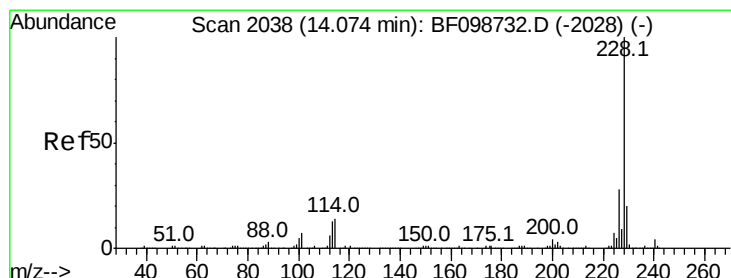
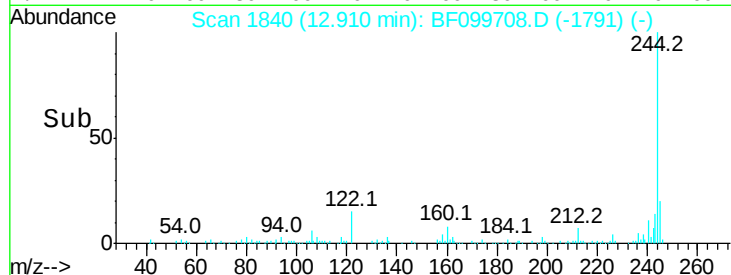
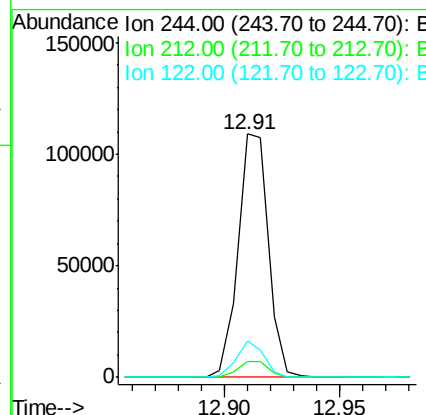
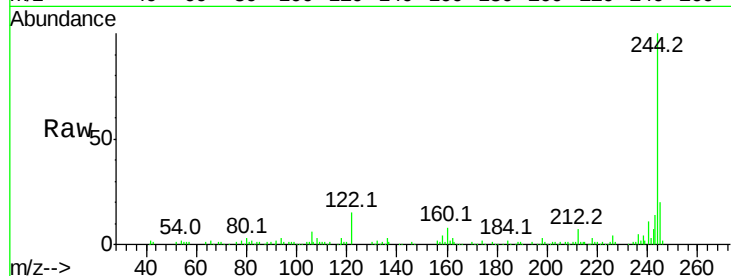




#78
 Terphenyl-d14
 Concen: 12.915 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099708.D
 Acq: 20 Oct 2017 18:38

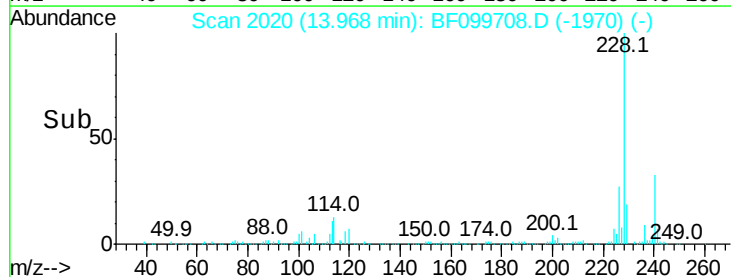
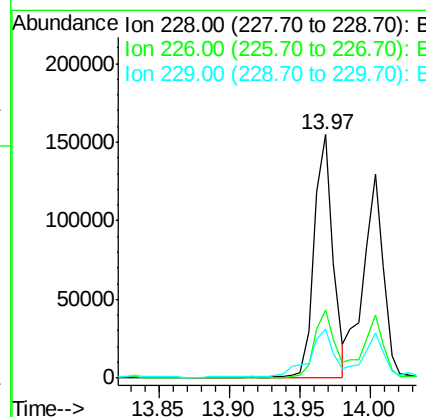
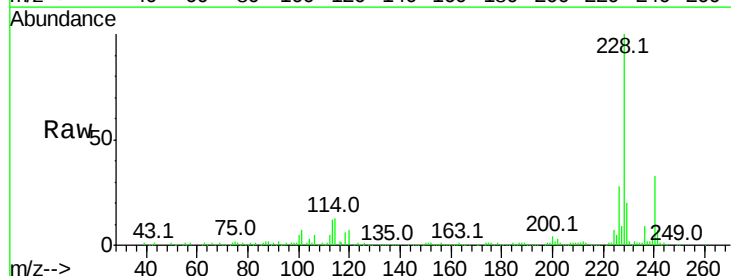
Instrument :
 BNA_F
 ClientSampled :

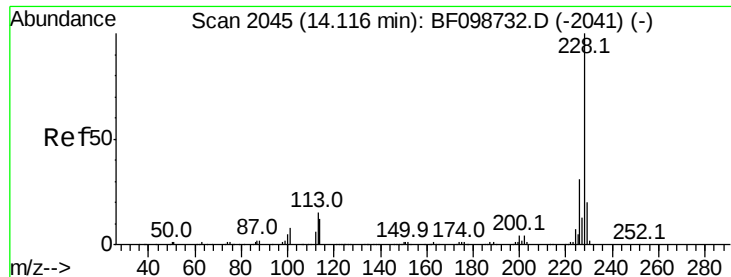
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.9	11.0	16.4



#80
 Benzo(a)anthracene
 Concen: 13.532 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF099708.D
 Acq: 20 Oct 2017 18:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	15.8	23.6

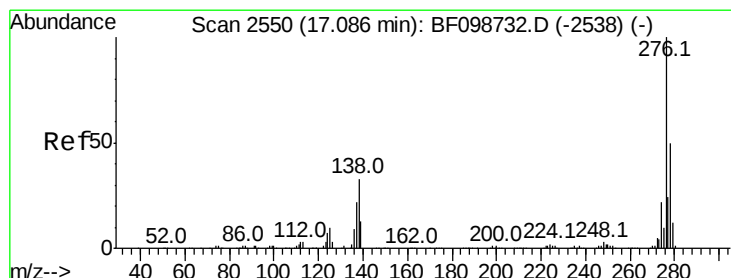
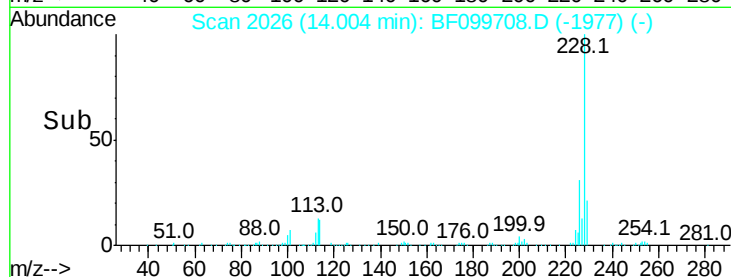
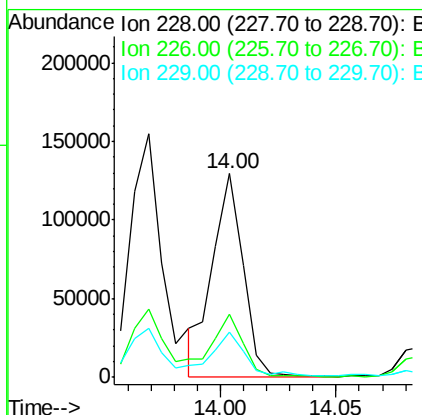
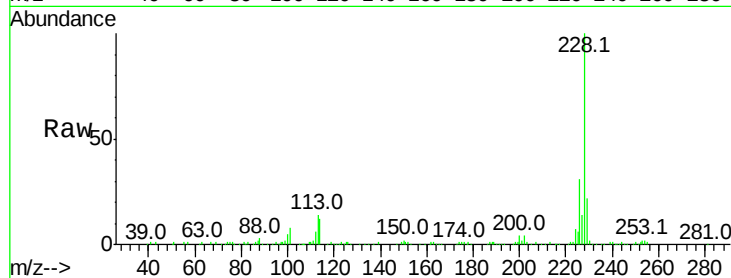




#82
Chrysene
Concen: 11.671 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

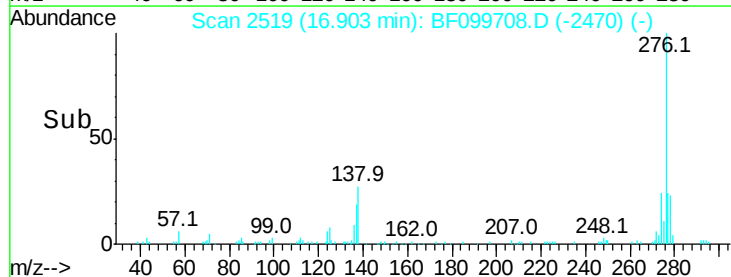
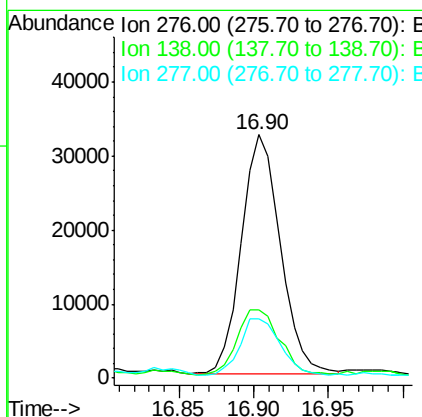
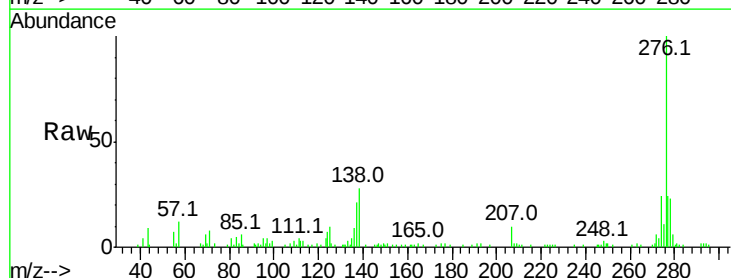
Instrument :
BNA_F
ClientSampleId :

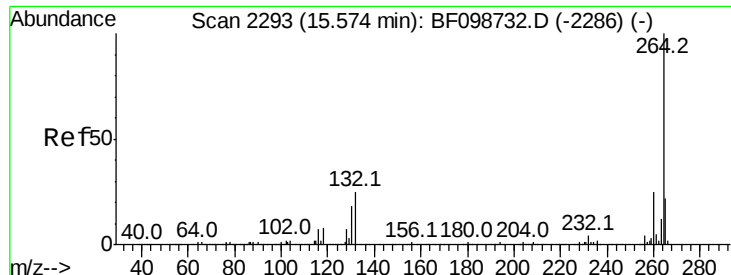
Tot Ion:228 Resp: 118595
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 22.0 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 7.174 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Tgt Ion:276 Resp: 58309
Ion Ratio Lower Upper
276 100
138 31.7 25.0 37.6
277 25.9 20.1 30.1

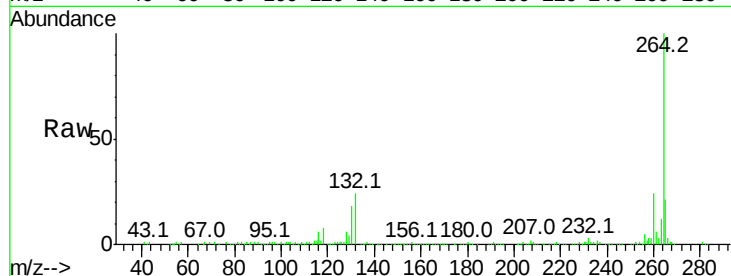




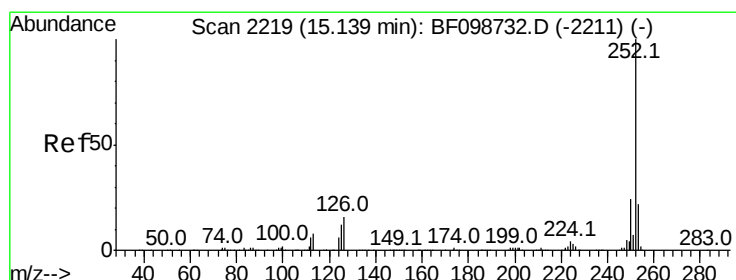
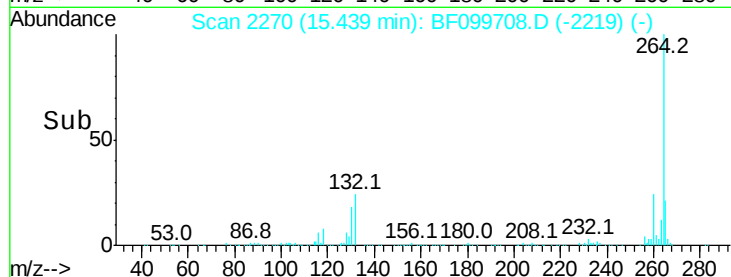
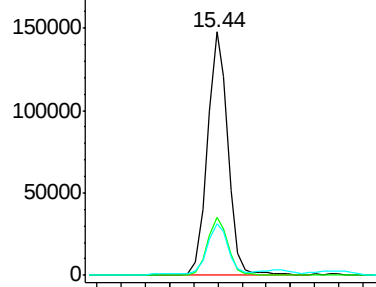
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3

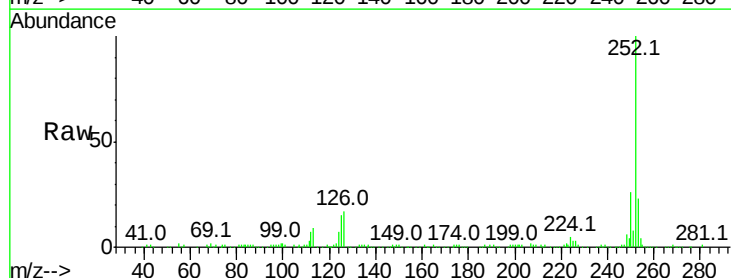


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

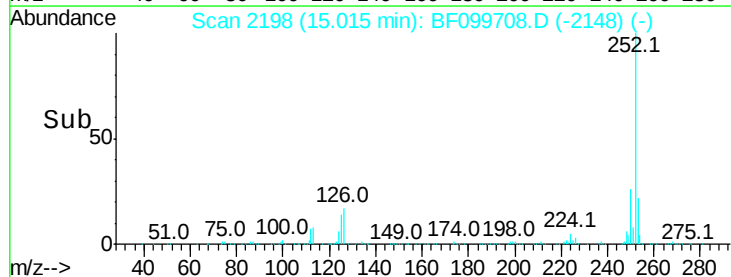
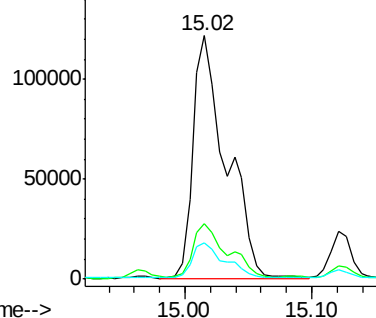


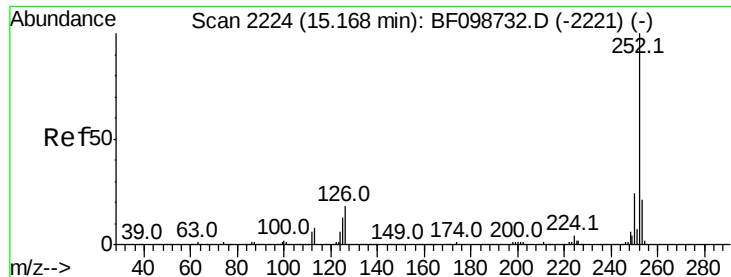
#87
Benzo(b)fluoranthene
Concen: 20.539 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.7	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

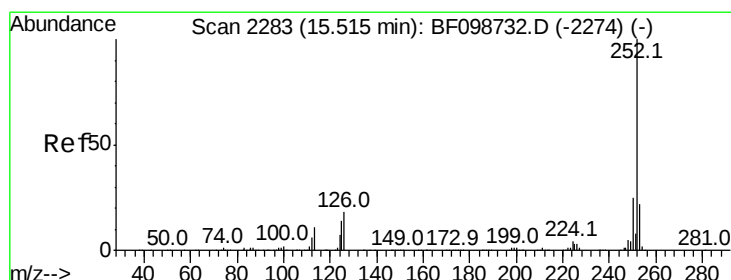
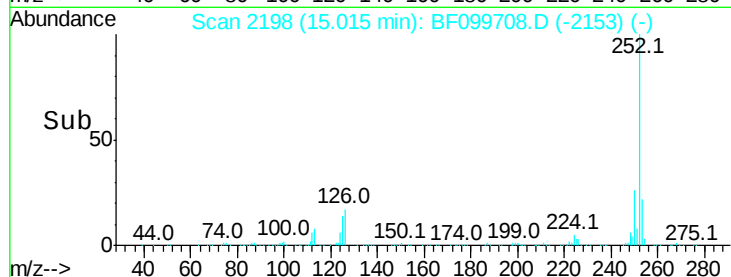
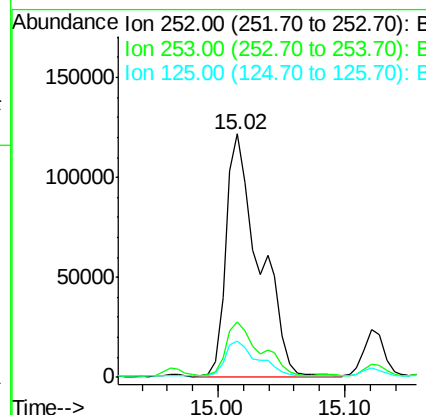
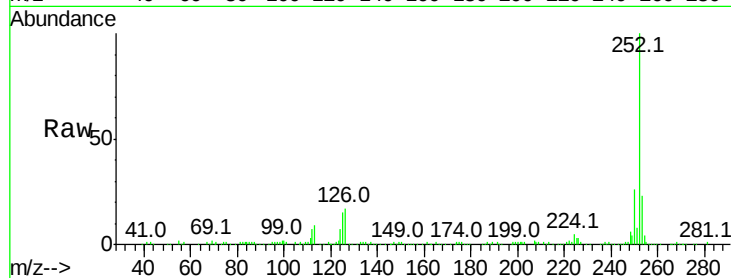




#88
Benzo(k)fluoranthene
Concen: 20.795 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

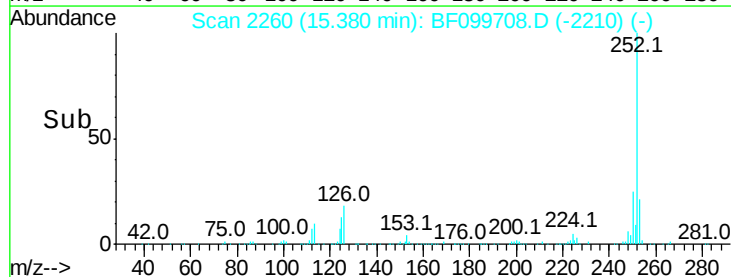
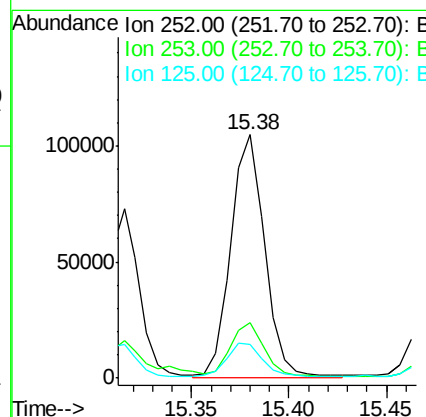
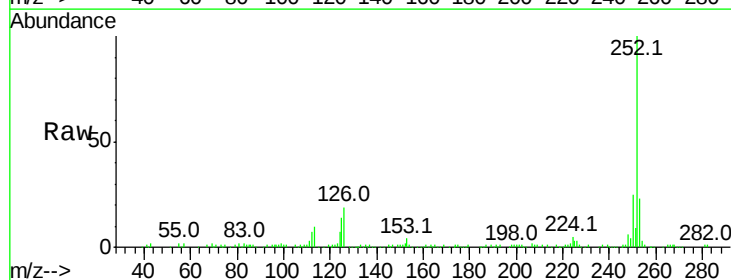
Instrument :
BNA_F
ClientSampleId :

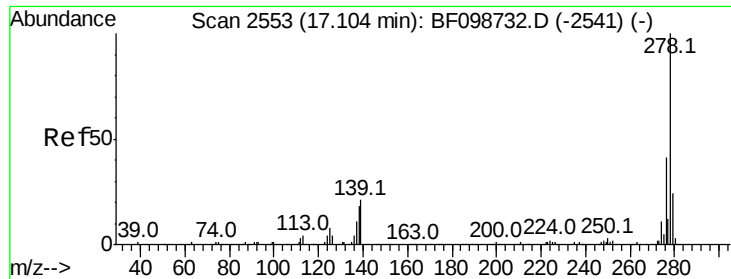
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	14.7	10.2	15.2



#89
Benzo(a)pyrene
Concen: 12.728 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF099708.D
Acq: 20 Oct 2017 18:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	13.7	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.112 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

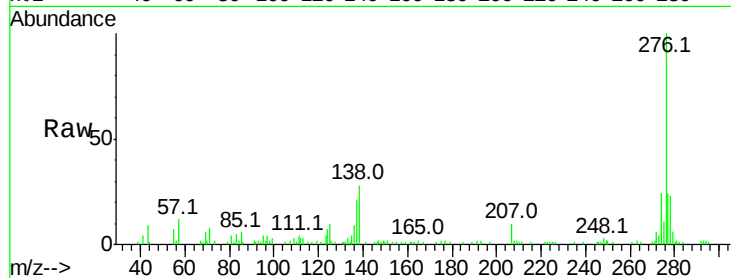
Tot Ion:278 Resp: 16709

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

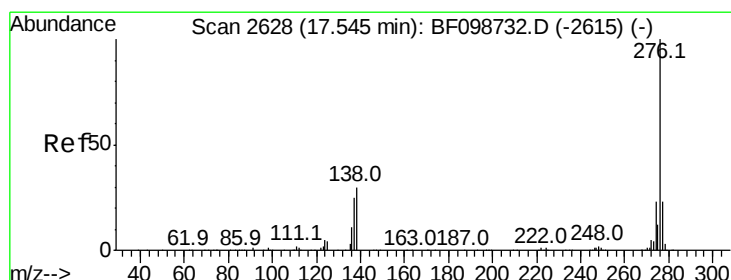
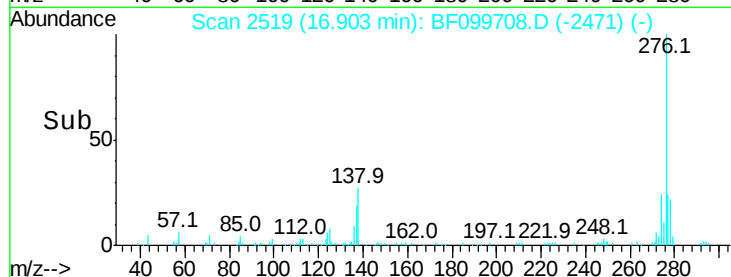
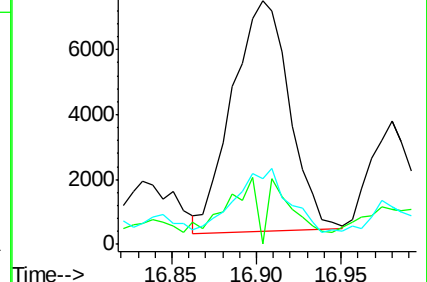
279 26.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 7.719 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BF099708.D

Acq: 20 Oct 2017 18:38

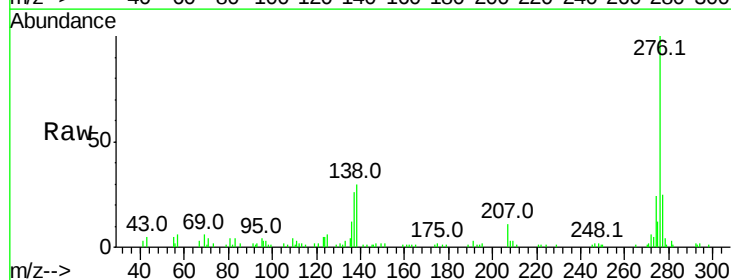
Tgt Ion:276 Resp: 60356

Ion Ratio Lower Upper

276 100

277 25.5 17.9 26.9

138 30.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

