

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099415.D
 Acq On : 13 Oct 2017 00:43
 Operator : SJ/JU
 Sample : I5729-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 04:37:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110102	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	430316	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	166834	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	230793	20.00	ng	0.00
75) Chrysene-d12	14.02	240	189642	20.00	ng	0.00
86) Perylene-d12	15.50	264	162702	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	828806	119.83	ng	0.01
7) Phenol-d6	6.49	99	982188	115.12	ng	0.00
23) Nitrobenzene-d5	7.42	82	591141	88.10	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	133165	97.55	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	961193	96.18	ng	0.00
78) Terphenyl-d14	12.96	244	624245	74.86	ng	0.00

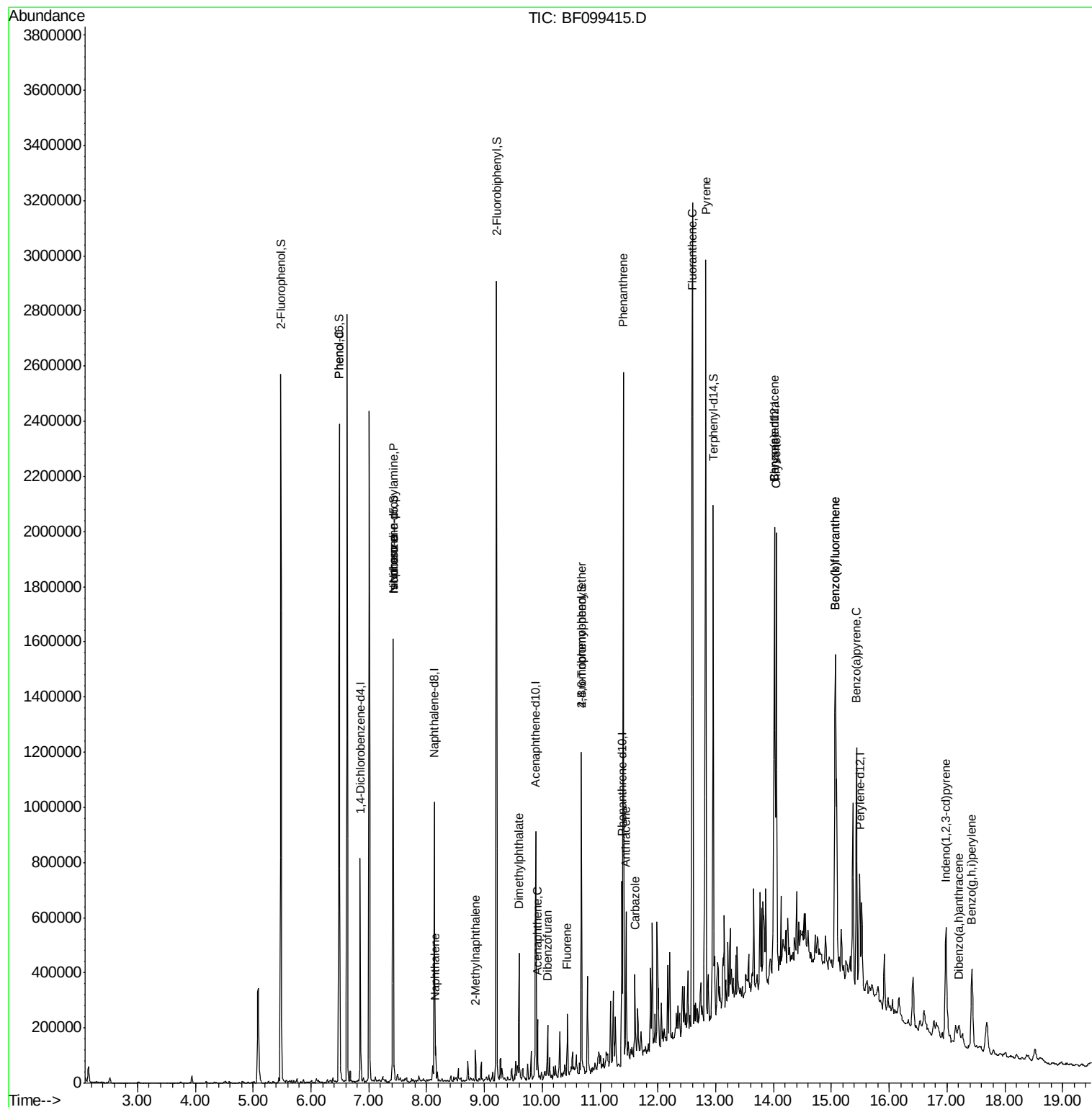
Target Compounds						Qvalue
10) Phenol	6.50	94	27561	2.89	ng	# 70
19) n-Nitroso-di-n-propylamine	7.42	70	77659	14.26	ng	# 71
25) Isophorone	7.42	82	591133	42.61	ng	# 64
31) Naphthalene	8.16	128	53083	2.63	ng	100
37) 2-Methylnaphthalene	8.85	142	29082	2.21	ng	98
49) Dimethylphthalate	9.60	163	156796	12.45	ng	98
51) Acenaphthene	9.92	154	45220	4.33	ng	98
54) Dibenzofuran	10.09	168	59988	4.32	ng	97
57) Fluorene	10.43	166	54407	4.87	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	9313	4.12	ng	# 1
70) Phenanthrene	11.40	178	964704	78.09	ng	99
71) Anthracene	11.45	178	188374	14.90	ng	98
72) Carbazole	11.61	167	111817	9.03	ng	98
74) Fluoranthene	12.60	202	1483704	118.61	ng	100
77) Pyrene	12.83	202	1301809	90.02	ng	100
80) Benzo(a)anthracene	14.02	228	622570	54.22	ng	99
82) Chrysene	14.05	228	603600	55.21	ng	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	223660	25.57	ng	98
87) Benzo(b)fluoranthene	15.07	252	902856	90.25	ng	# 96
88) Benzo(k)fluoranthene	15.07	252	902856	91.38	ng	98
89) Benzo(a)pyrene	15.44	252	408443	44.48	ng	# 95
90) Dibenzo(a,h)anthracene	17.21	278	28859	3.93	ng	92
91) Benzo(g,h,i)perylene	17.43	276	217972	30.01	ng	95

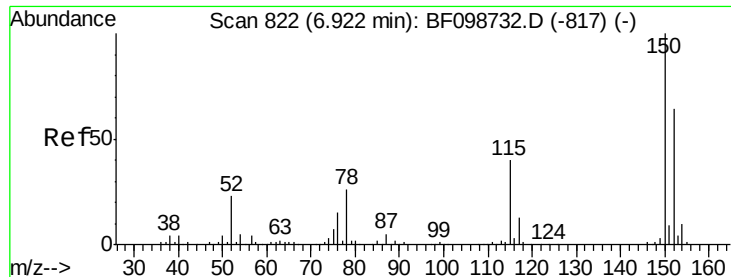
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099415.D
Acq On : 13 Oct 2017 00:43
Operator : SJ/JU
Sample : I5729-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 13 04:37:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

Instrument :

BNA_F

ClientSampled :

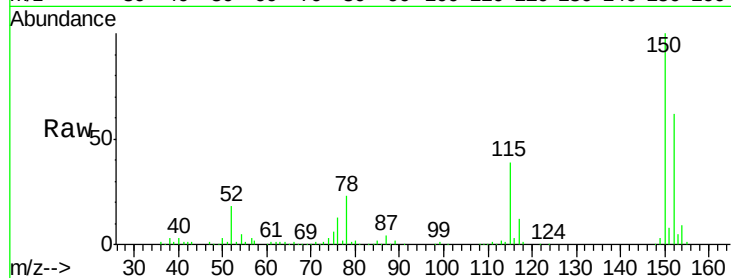
Tot Ion:152 Resp: 110102

Ion Ratio Lower Upper

152 100

150 160.0 124.6 186.8

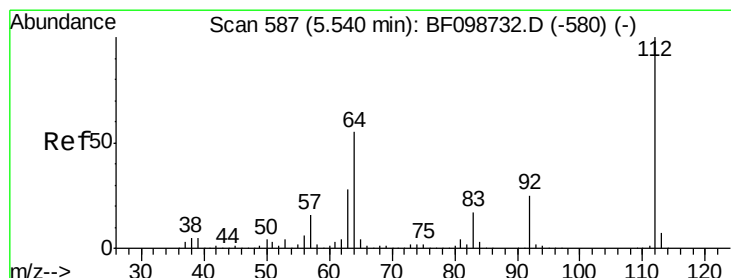
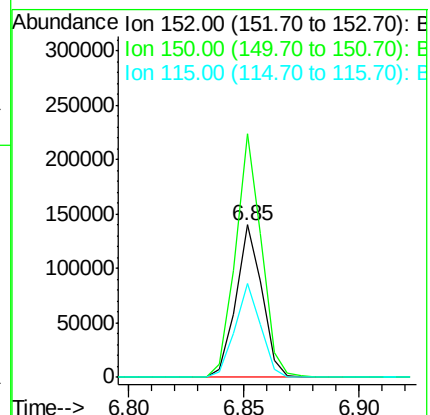
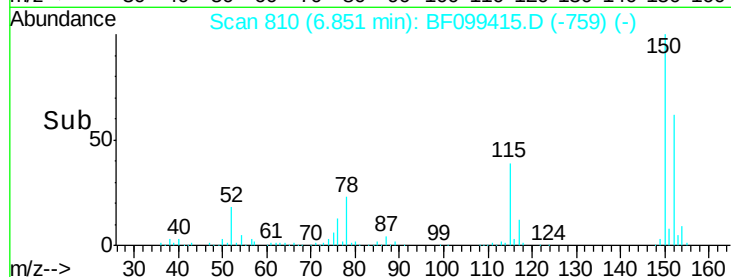
115 61.6 50.1 75.1



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: 119.83 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

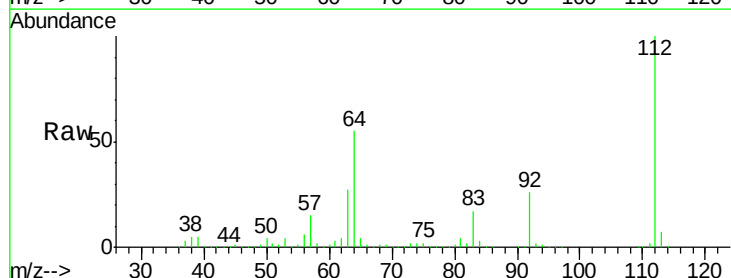
Tgt Ion:112 Resp: 828806

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

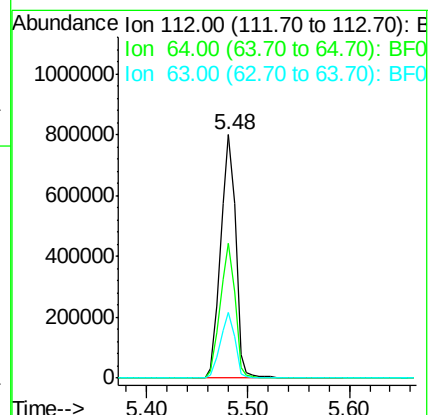
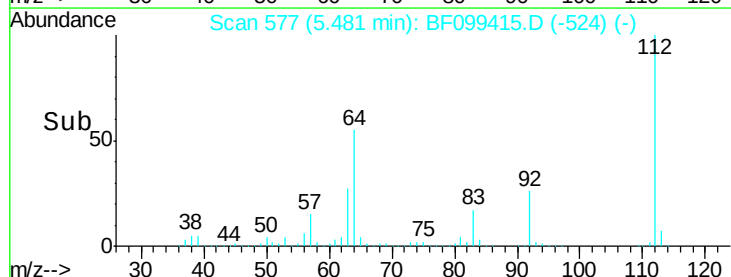
63 26.9 23.7 35.5

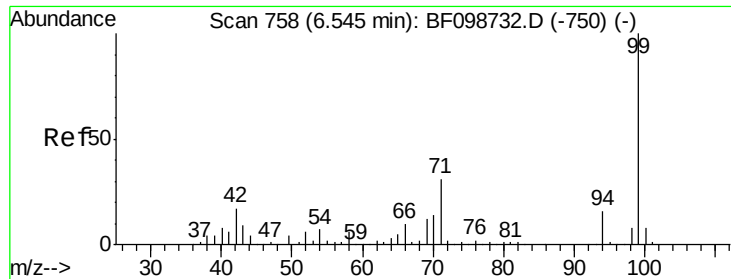


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.12 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

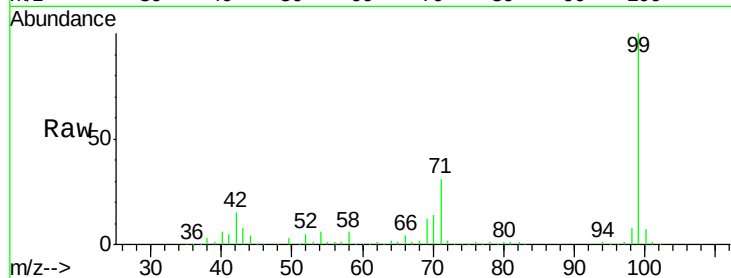
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 982188

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	30.9	25.4	38.0

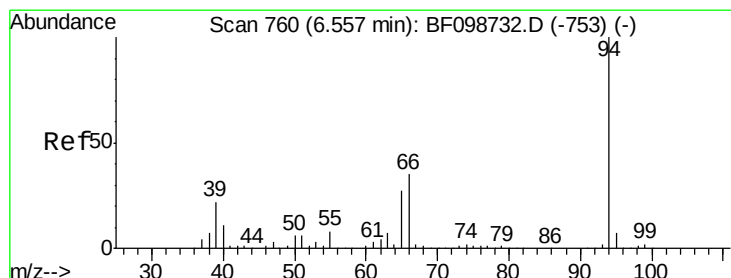
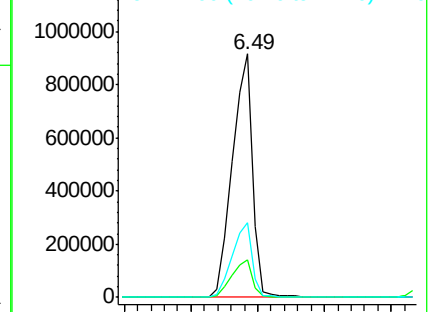
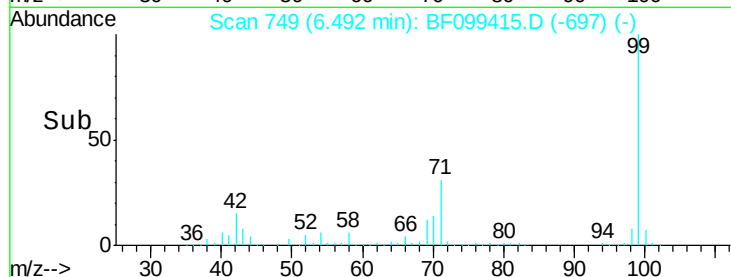


Abundance

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



#10

Phenol

Concen: 2.89 ng

RT: 6.50 min Scan# 750

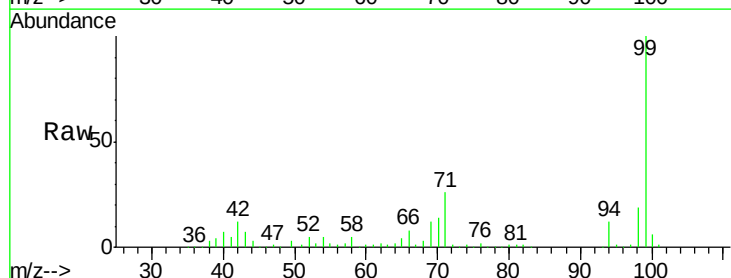
Delta R.T. 0.00 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

Tgt Ion: 94 Resp: 27561

Ion	Ratio	Lower	Upper
94	100		
65	33.2	7.9	47.9
66	63.1	16.2	56.2

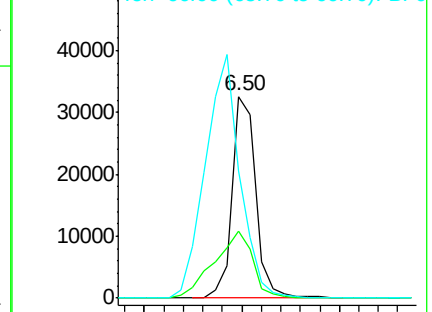
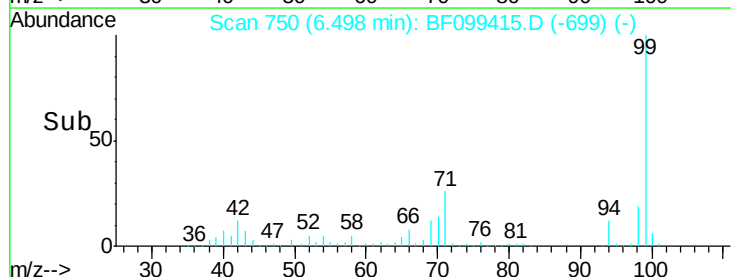


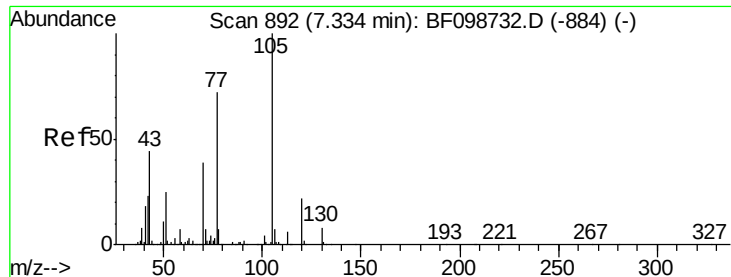
Abundance

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

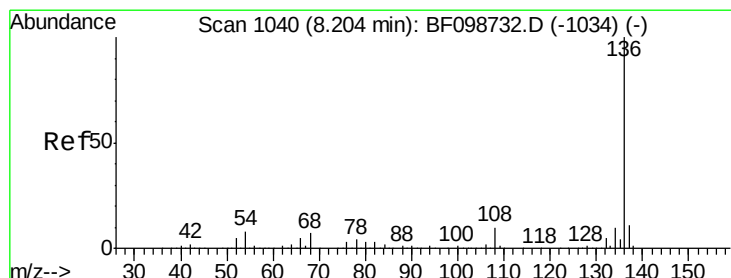
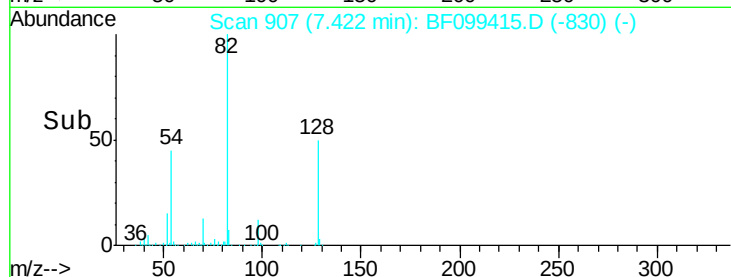
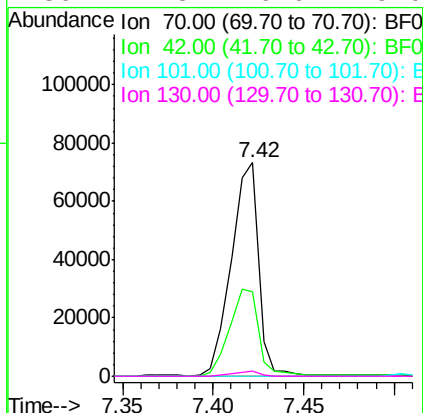
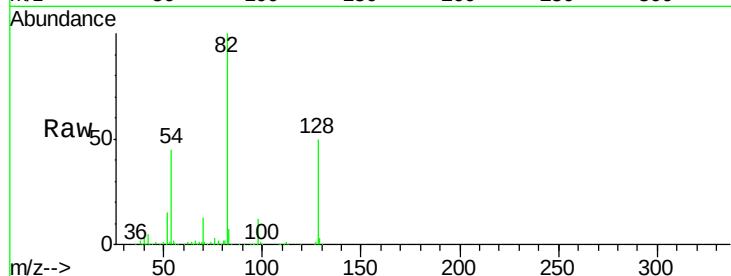




#19
n-Nitroso-di-n-propylamine
Concen: 14.26 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

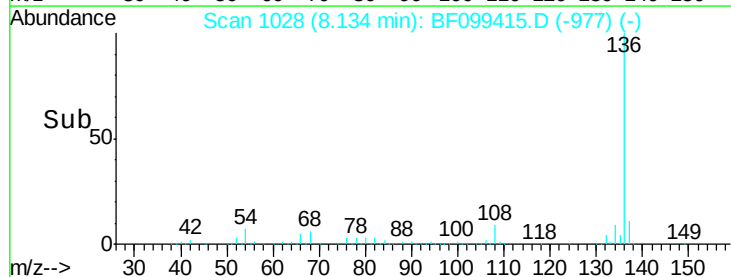
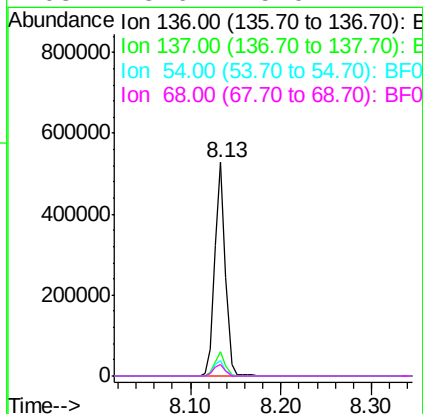
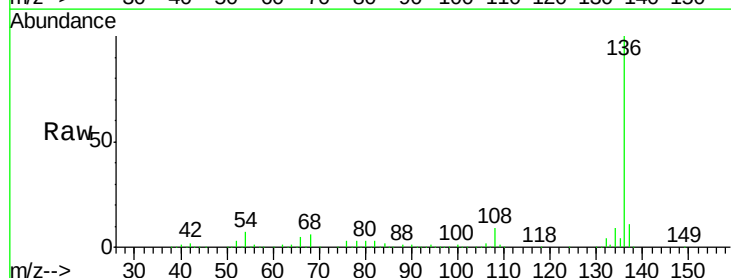
Instrument :
BNA_F
ClientSampleId :

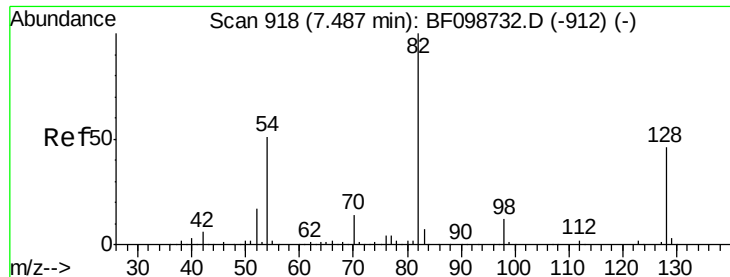
Tot Ion: 70 Resp: 77659
Ion Ratio Lower Upper
70 100
42 39.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

Tgt Ion: 136 Resp: 430316
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.1 6.6 9.8
68 5.6 5.0 7.4

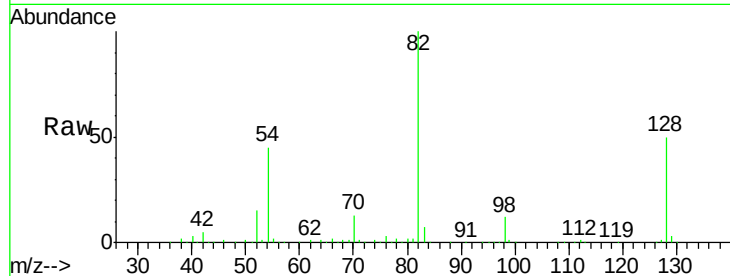




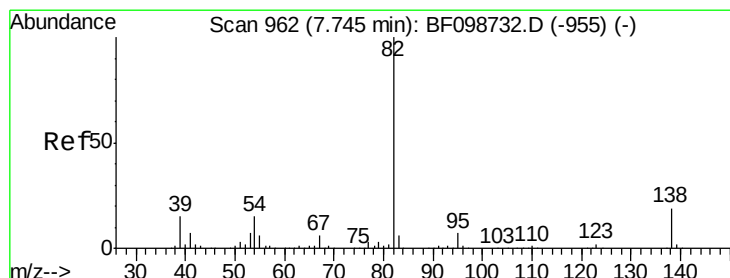
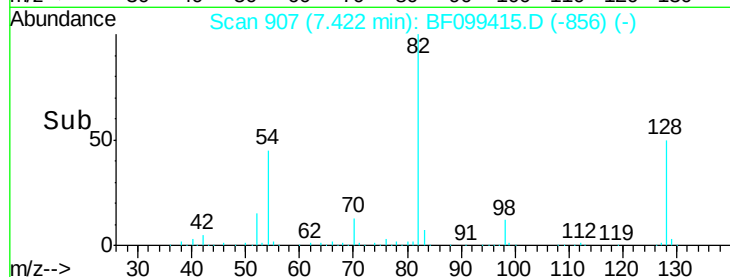
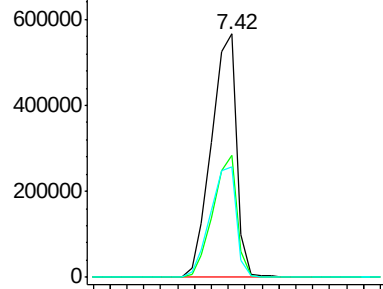
#23
Nitrobenzene-d5
Concen: 88.10 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	591141
Ion Ratio	100	Lower	Upper
128	50.1	36.1	54.1
54	45.3	41.4	62.2

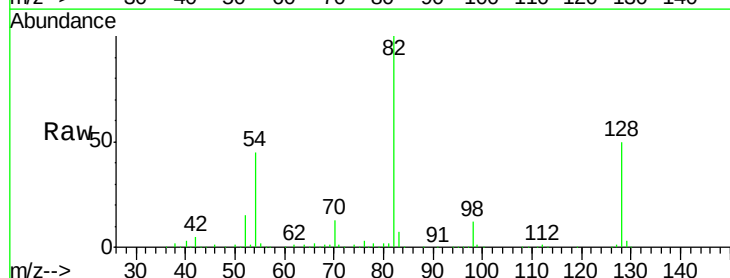


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

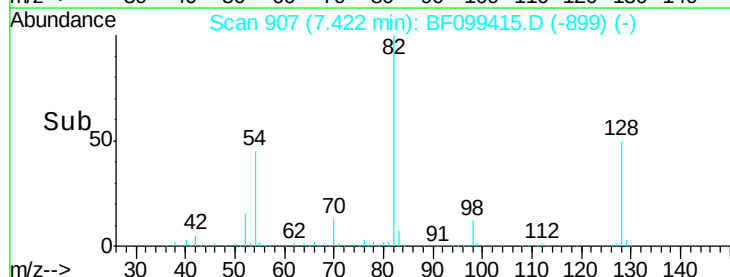
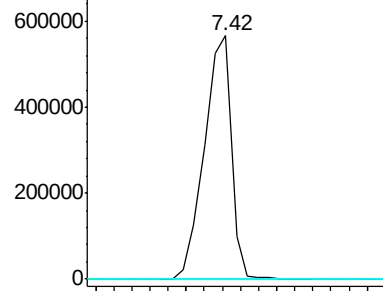


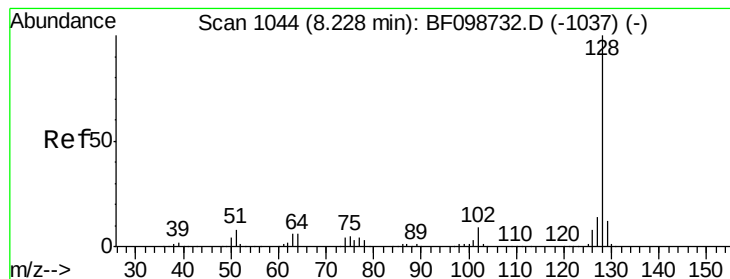
#25
Isophorone
Concen: 42.61 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

Tgt Ion	82	Resp	591133
Ion Ratio	100	Lower	Upper
95	0.1	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: 2.63 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

Instrument :

BNA_F

ClientSampleId :

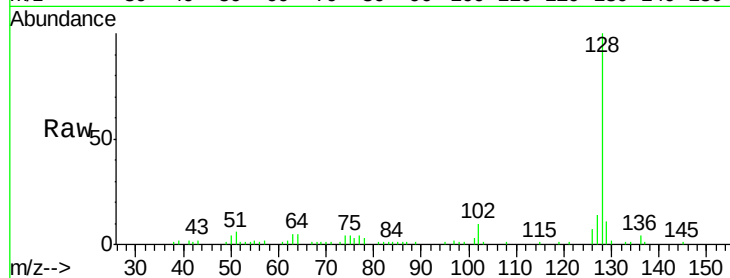
Tot Ion:128 Resp: 53083

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

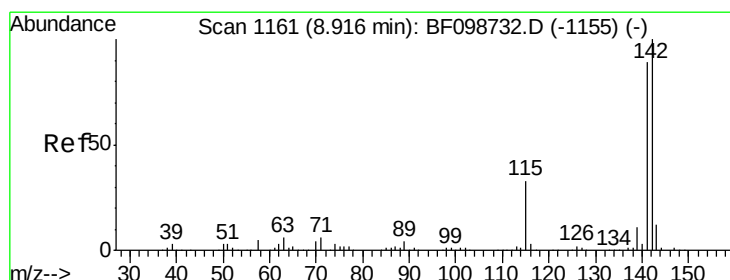
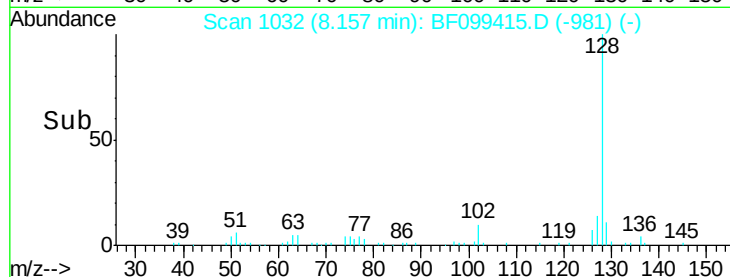
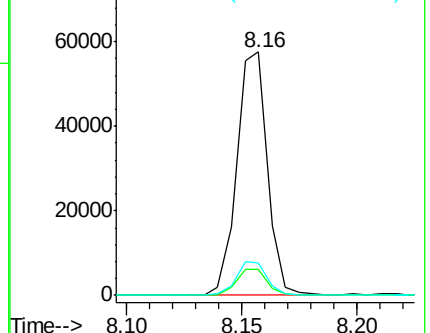
127 13.5 10.9 16.3



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: 2.21 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

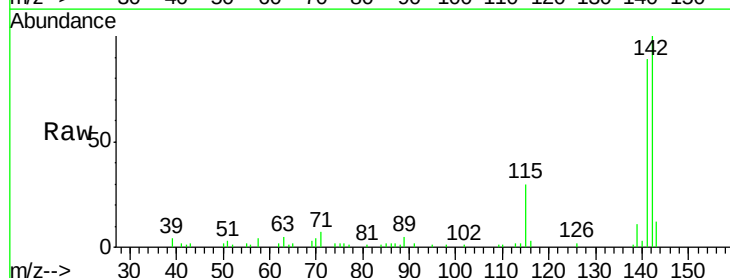
Tgt Ion:142 Resp: 29082

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

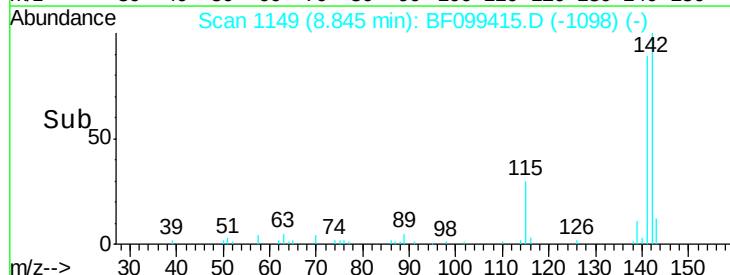
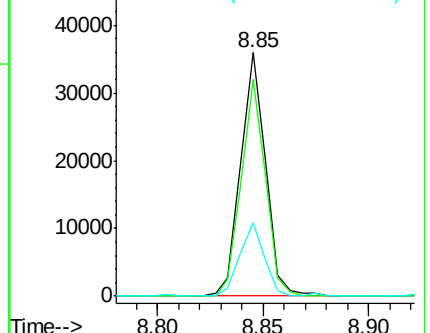
115 30.0 26.1 39.1

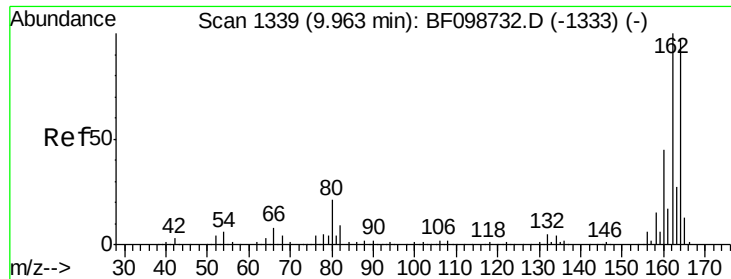


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

Instrument :

BNA_F

ClientSampleId :

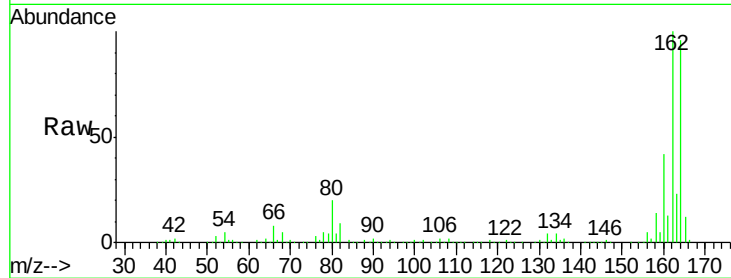
Tot Ion:164 Resp: 166834

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

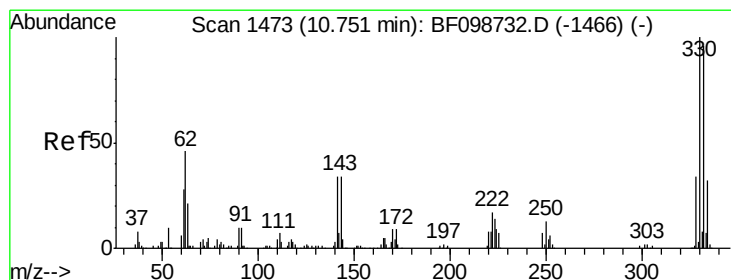
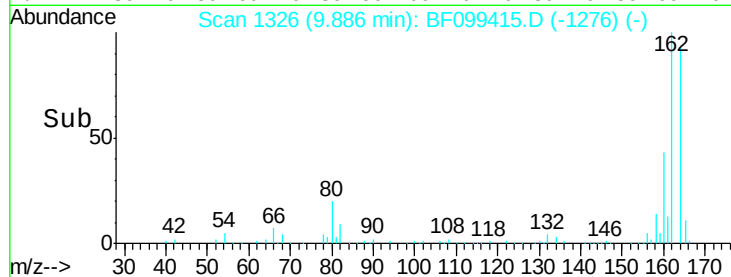
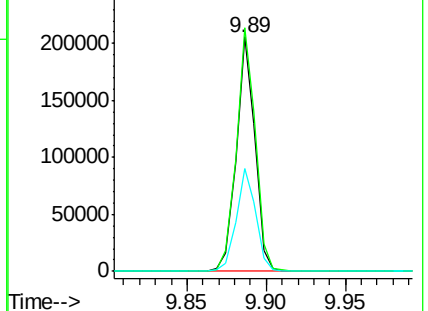
160 44.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 97.55 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

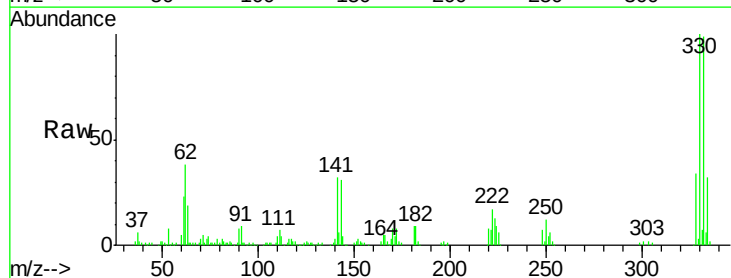
Tgt Ion:330 Resp: 133165

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

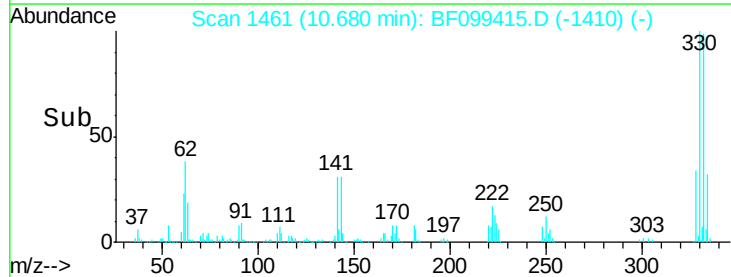
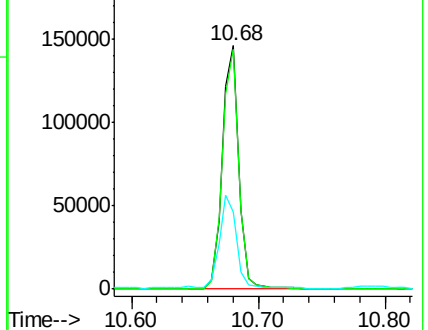
141 40.8 29.9 44.9

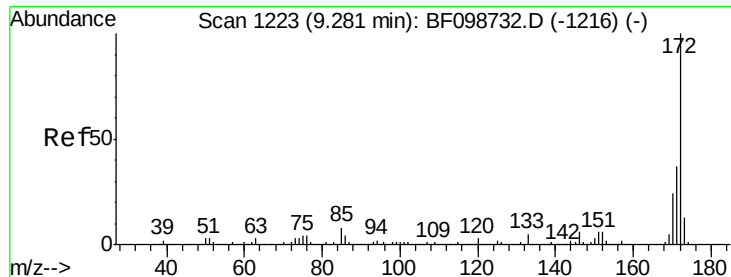


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

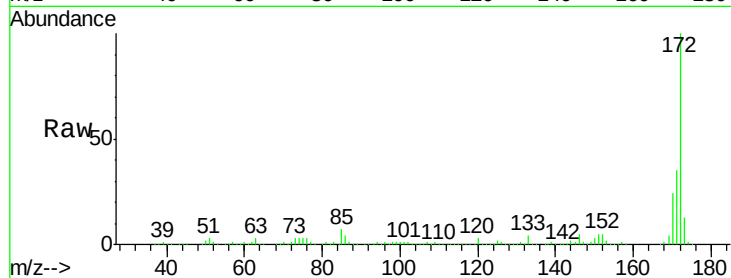




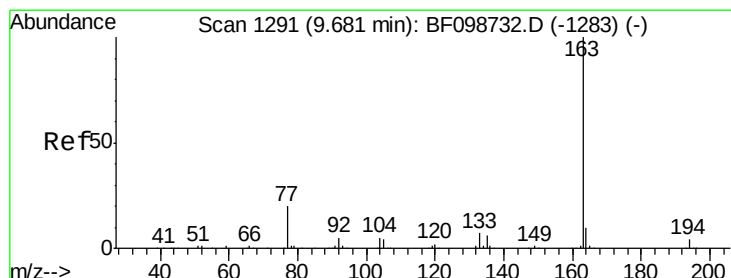
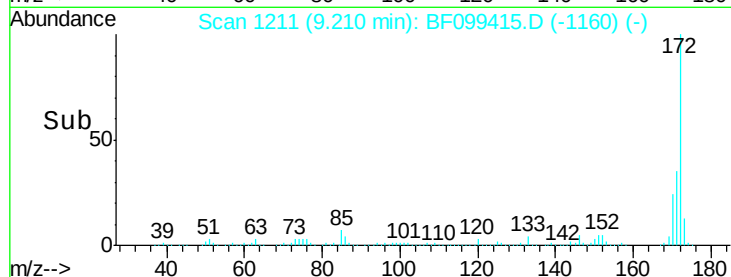
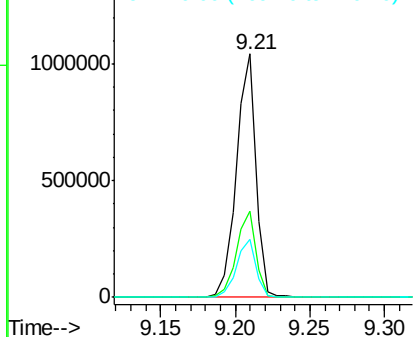
#44
2-Fluorobiphenyl
Concen: 96.18 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.9	19.6	29.4

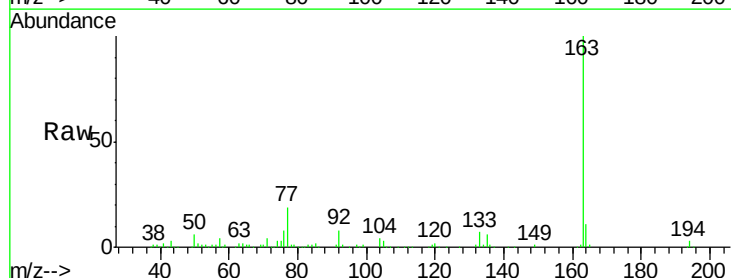


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

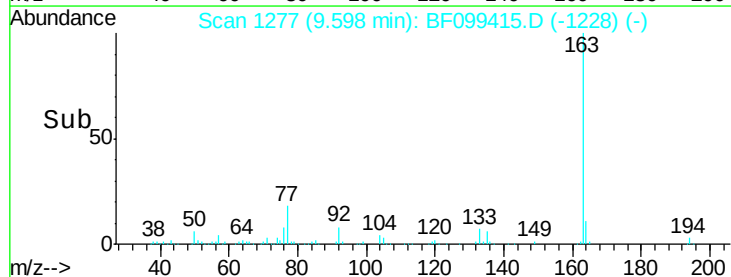
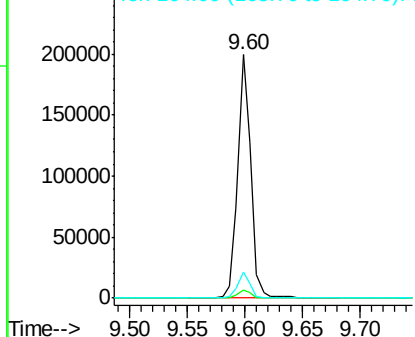


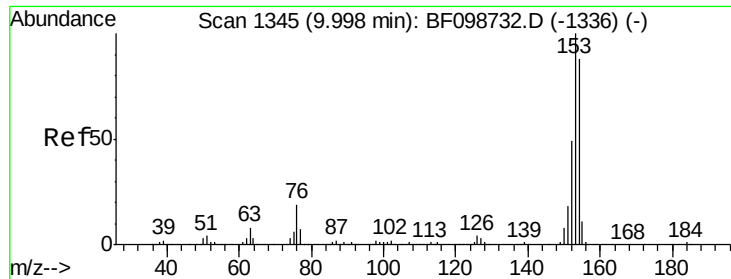
#49
Dimethylphthalate
Concen: 12.45 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.9	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





#51

Acenaphthene

Concen: 4.33 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

Instrument :

BNA_F

ClientSampleId :

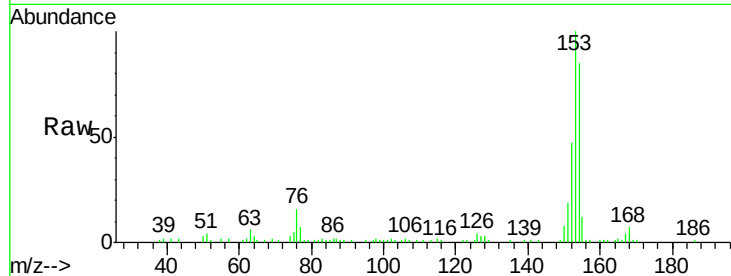
Tot Ion:154 Resp: 45220

Ion Ratio Lower Upper

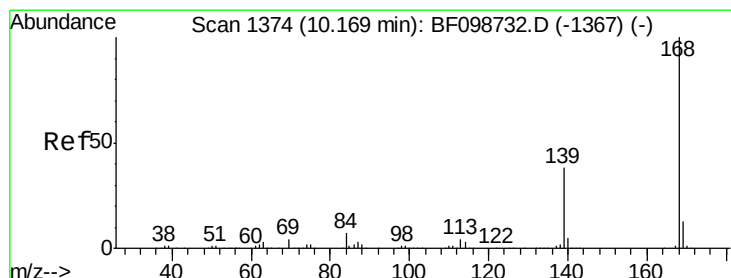
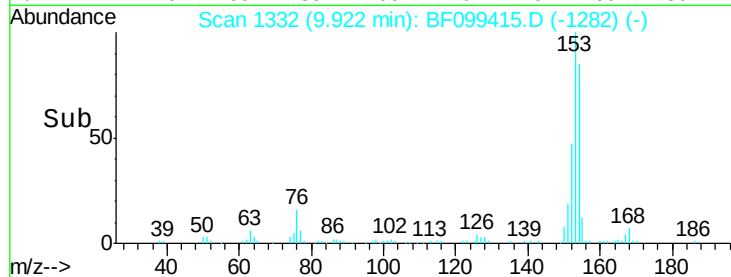
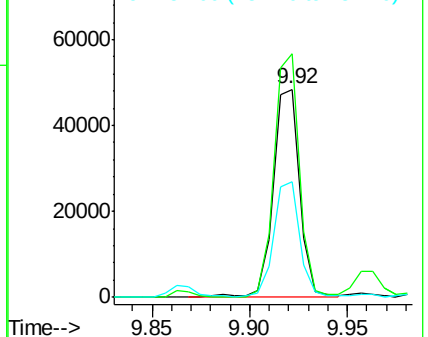
154 100

153 117.1 91.2 136.8

152 55.4 43.8 65.8



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



#54

Dibenzofuran

Concen: 4.32 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

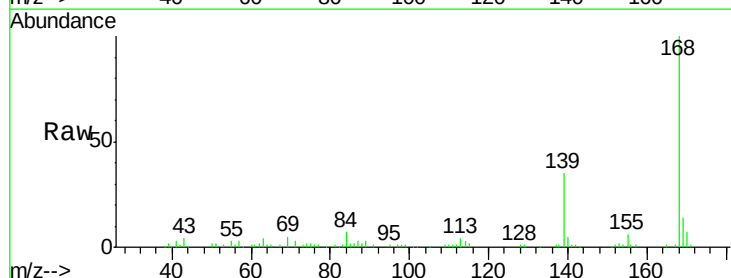
Tgt Ion:168 Resp: 59988

Ion Ratio Lower Upper

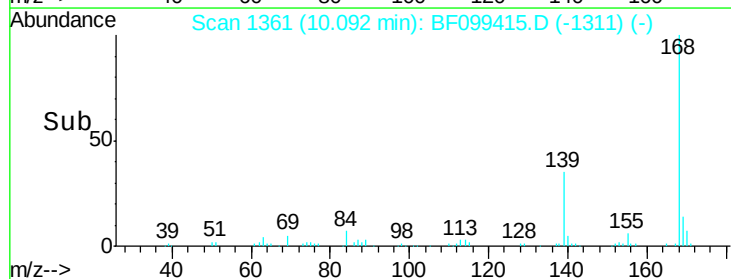
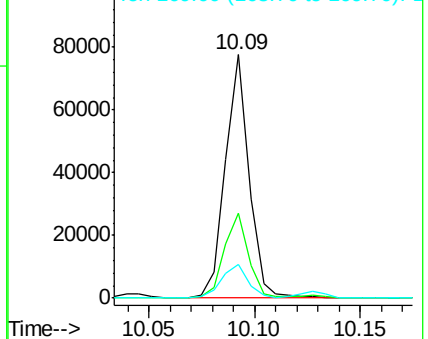
168 100

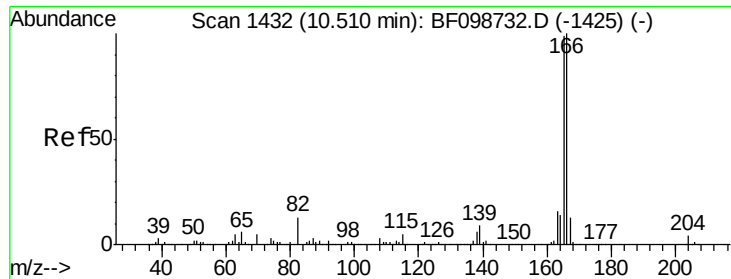
139 34.8 30.1 45.1

169 13.7 10.9 16.3



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

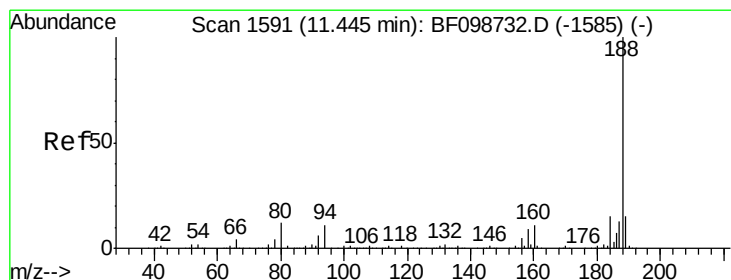
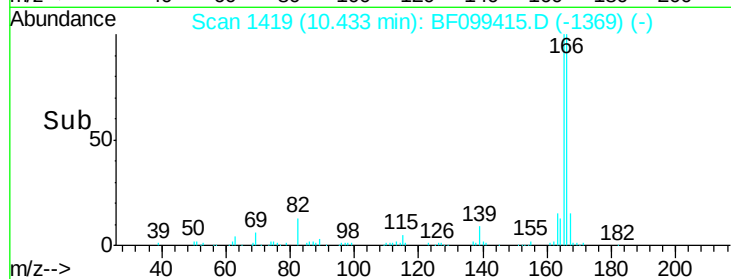
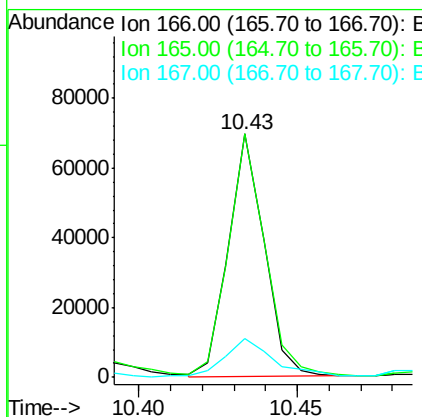
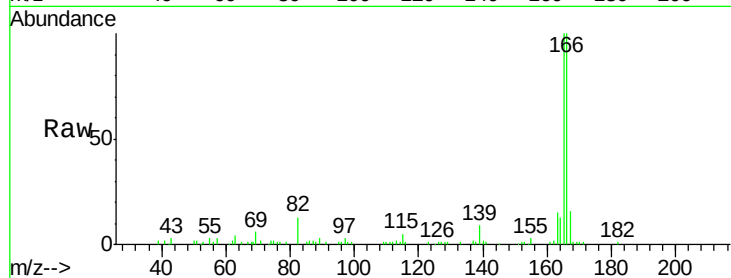




#57
 Fluorene
 Concen: 4.87 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF099415.D
 Acq: 13 Oct 2017 00:43

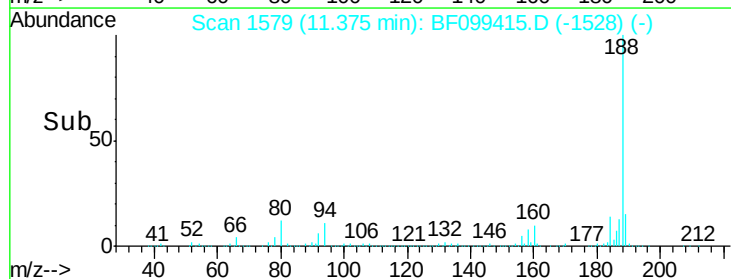
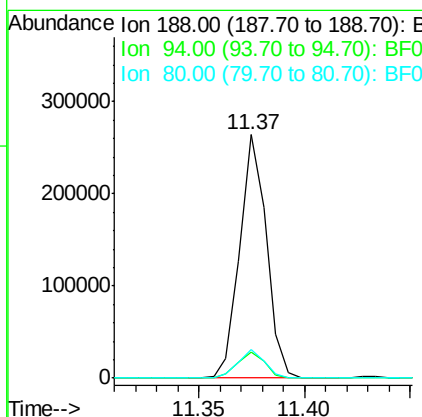
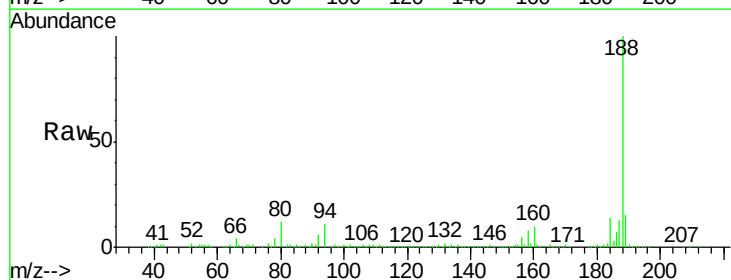
Instrument :
 BNA_F
 ClientSampleId :

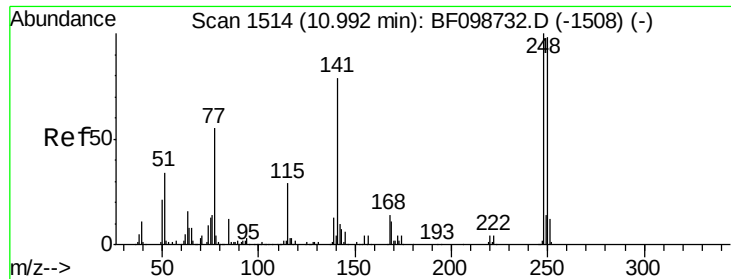
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	16.0	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099415.D
 Acq: 13 Oct 2017 00:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.8	9.2	13.8

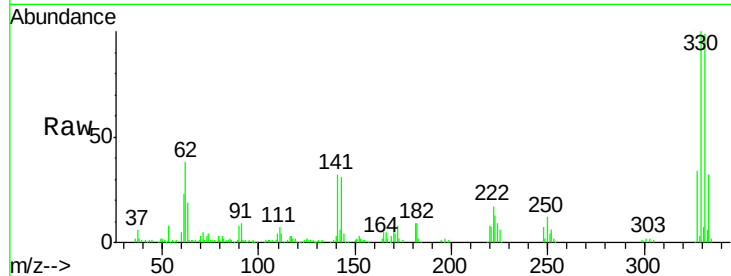




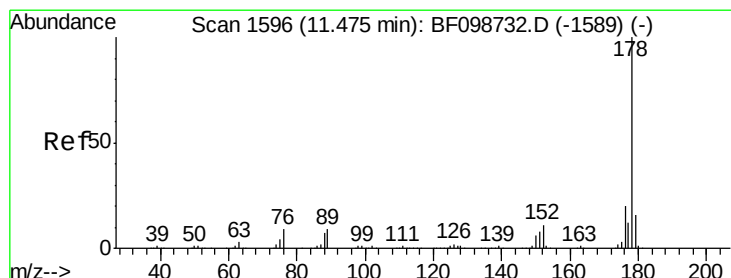
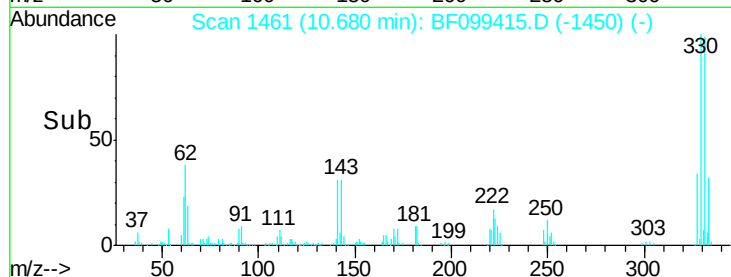
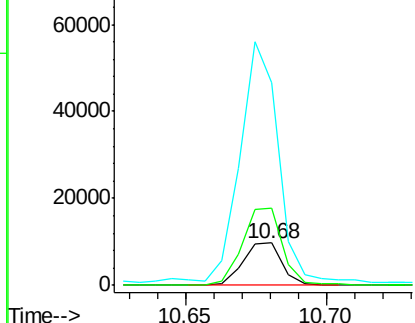
#66
 4-Bromophenyl-phenylether
 Concen: 4.12 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099415.D
 Acq: 13 Oct 2017 00:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9313
 Ion Ratio Lower Upper
 248 100
 250 184.5 76.9 115.3#
 141 481.4 74.4 111.6#

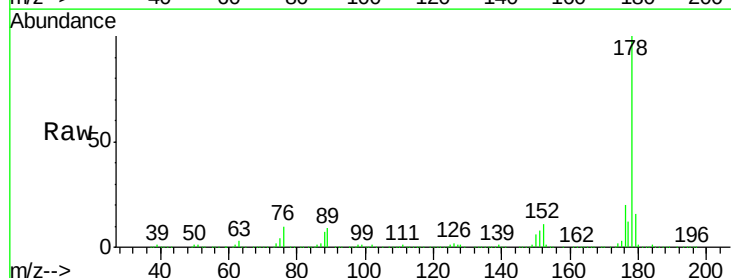


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

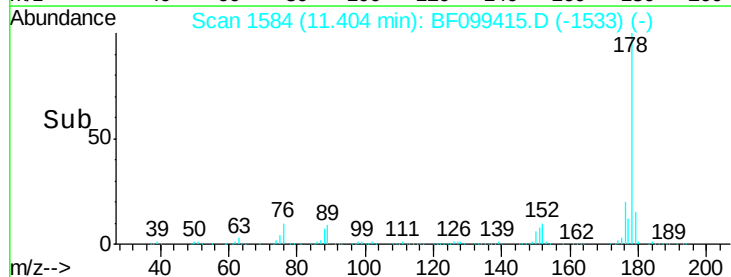
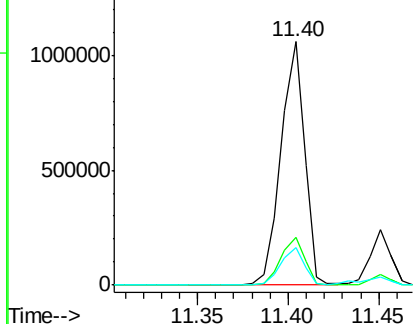


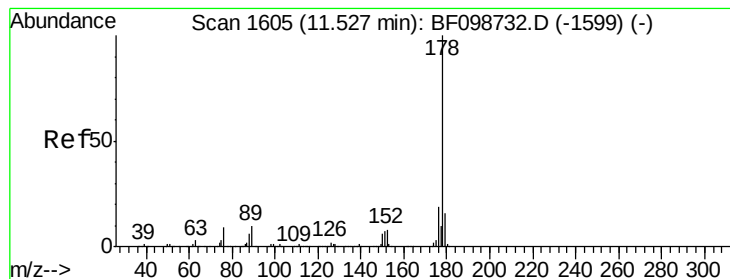
#70
 Phenanthrene
 Concen: 78.09 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099415.D
 Acq: 13 Oct 2017 00:43

Tgt Ion:178 Resp: 964704
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.5 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: 14.90 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

Instrument :

BNA_F

ClientSampleId :

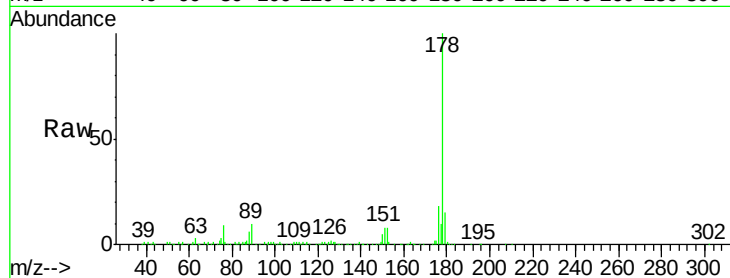
Tot Ion:178 Resp: 188374

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

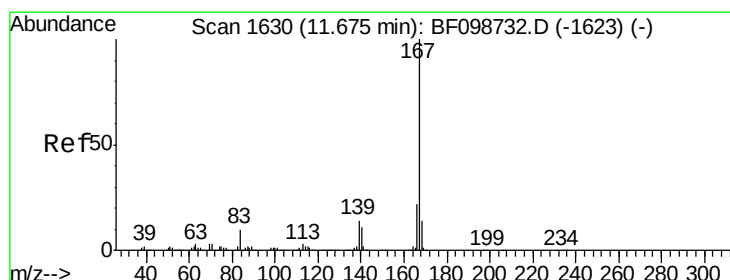
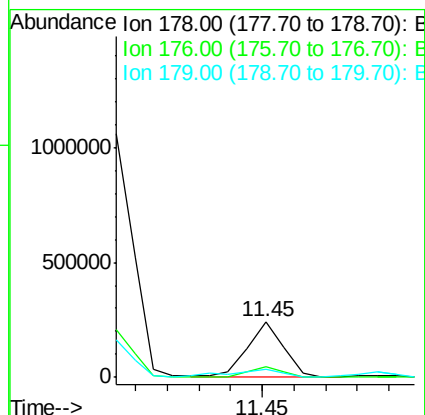
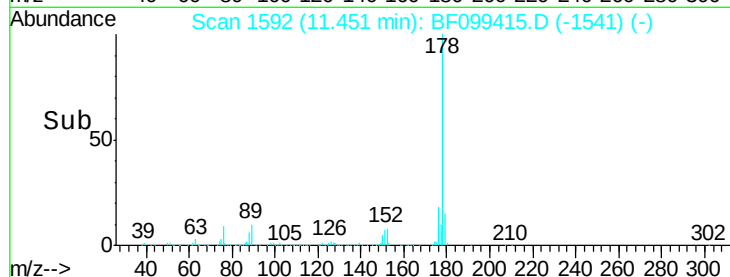
179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 9.03 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

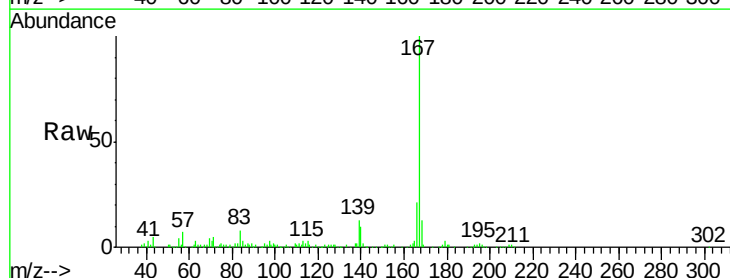
Tgt Ion:167 Resp: 111817

Ion Ratio Lower Upper

167 100

166 21.2 17.6 26.4

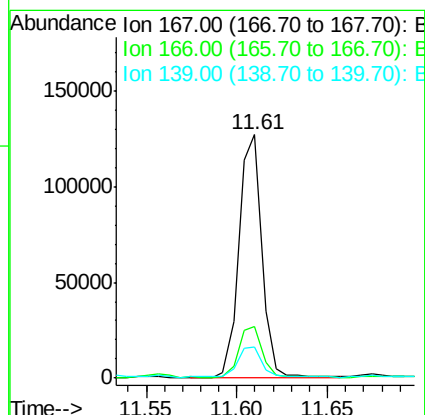
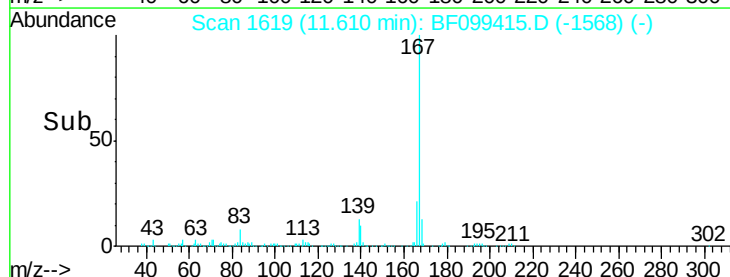
139 12.9 10.9 16.3

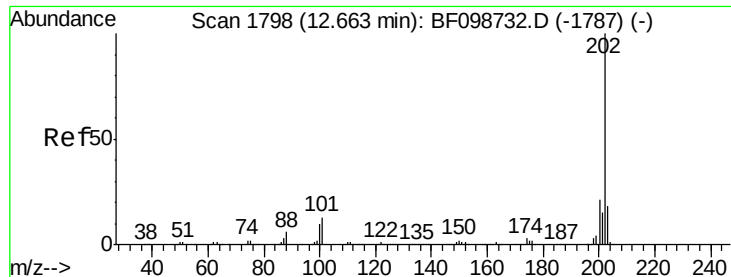


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 118.61 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

Instrument :

BNA_F

ClientSampleId :

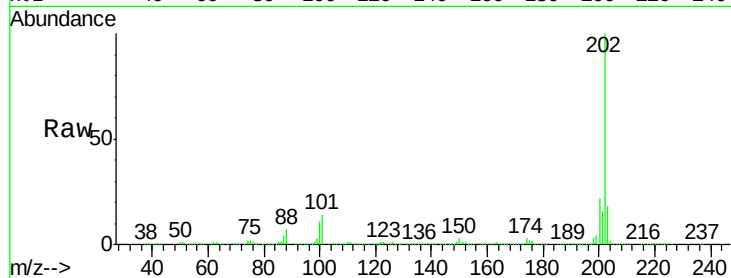
Tot Ion:202 Resp: 1483704

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

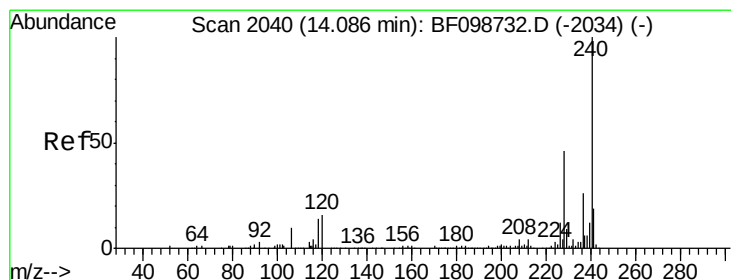
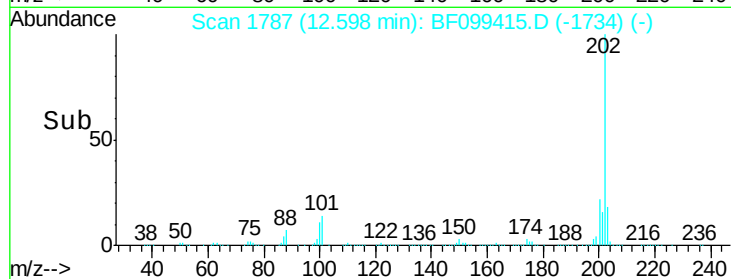
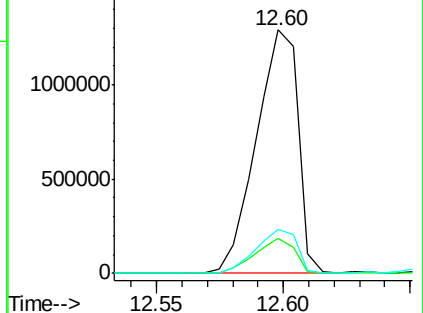
203 18.3 0.0 38.1



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: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

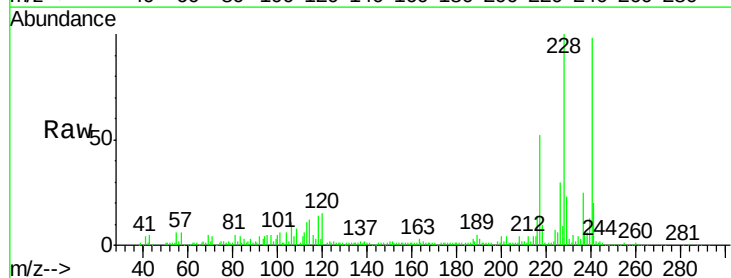
Tgt Ion:240 Resp: 189642

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

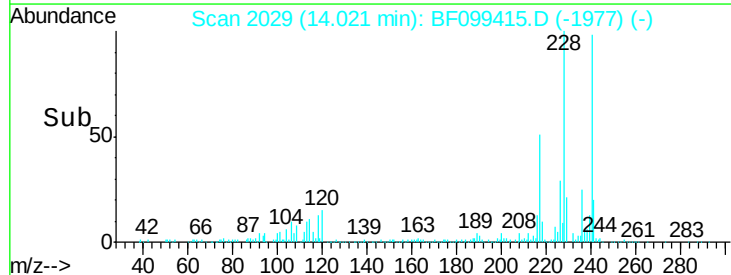
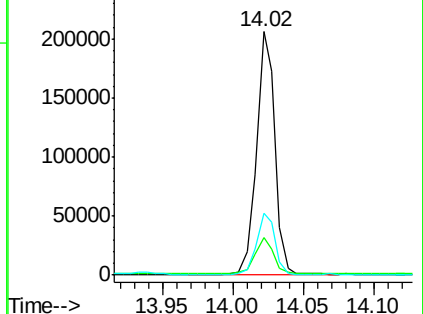
236 25.4 20.7 31.1

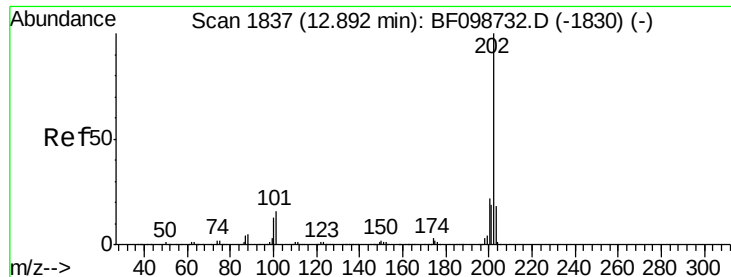


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 90.02 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

Instrument :

BNA_F

ClientSampleId :

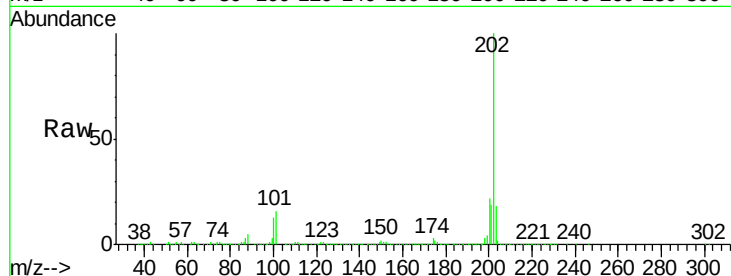
Tot Ion:202 Resp: 1301809

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

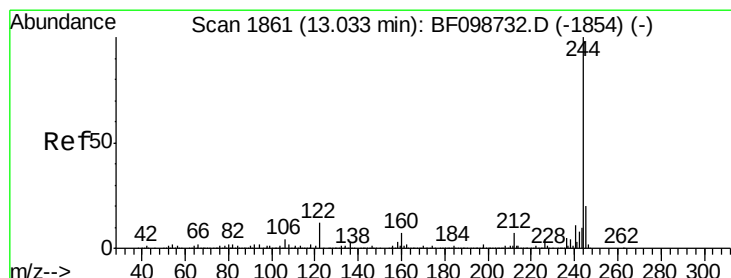
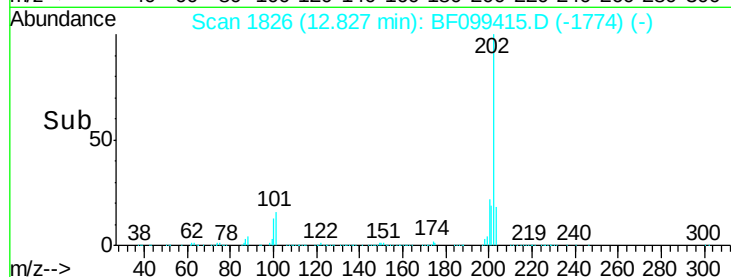
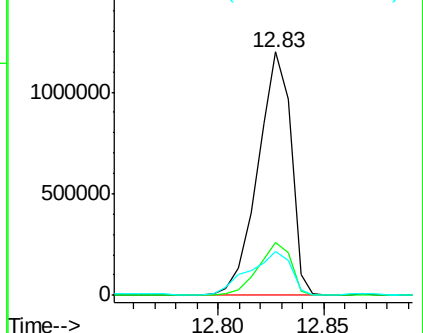
203 18.2 14.3 21.5



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: 74.86 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

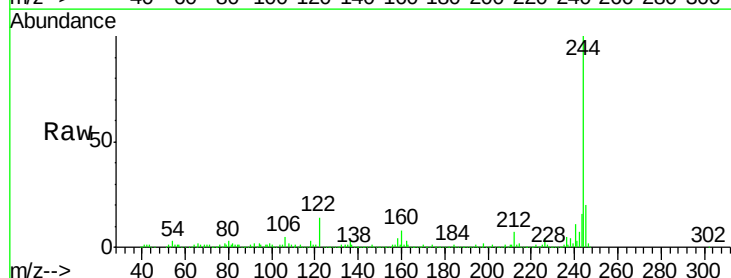
Tgt Ion:244 Resp: 624245

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

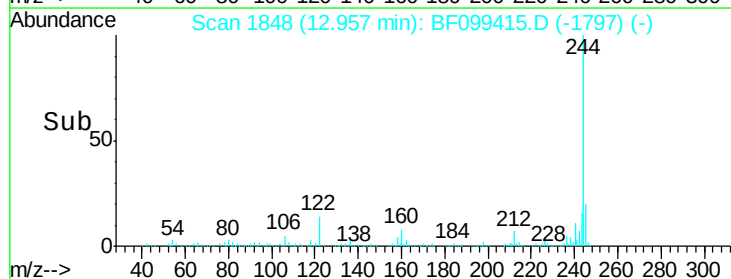
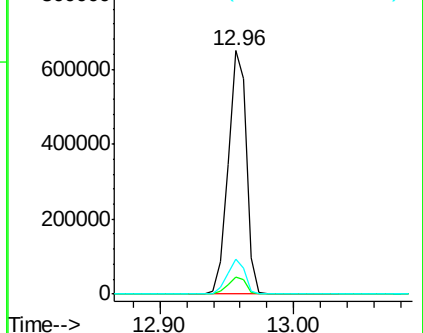
122 14.4 11.0 16.4

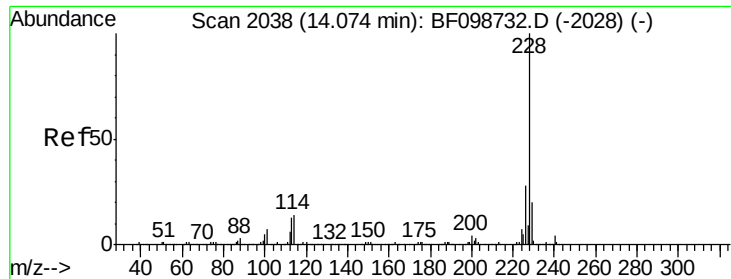


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

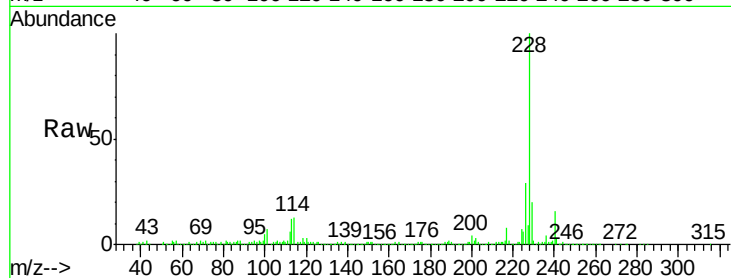




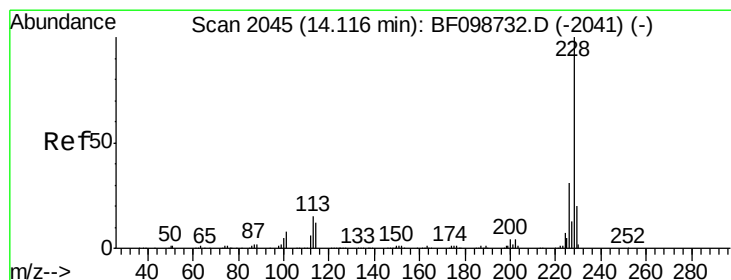
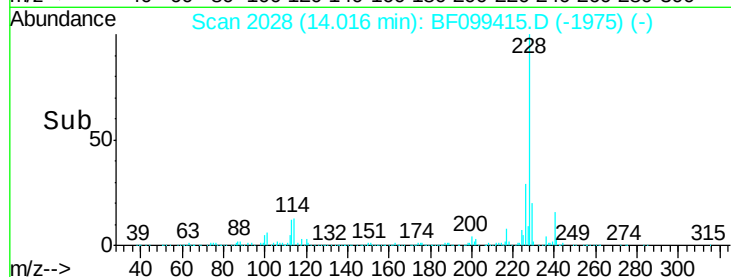
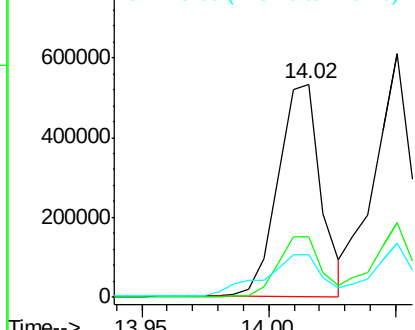
#80
Benzo(a)anthracene
Concen: 54.22 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 622570
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.3 15.8 23.6

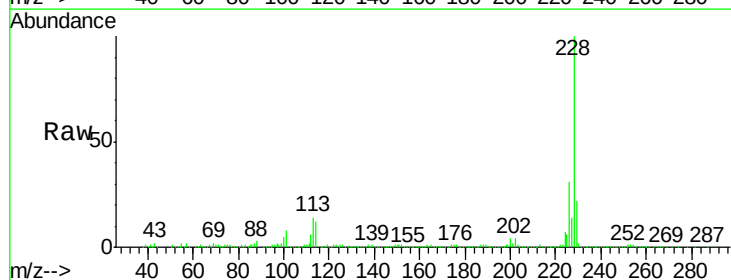


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

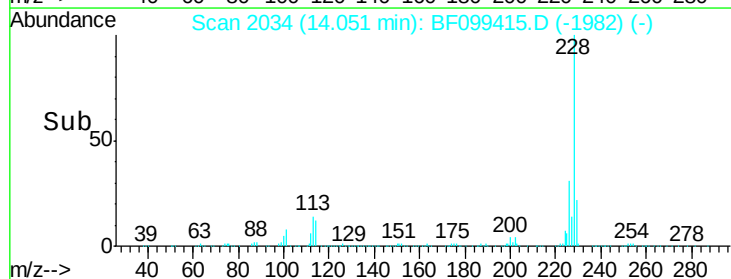
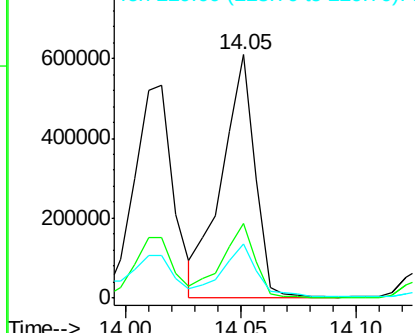


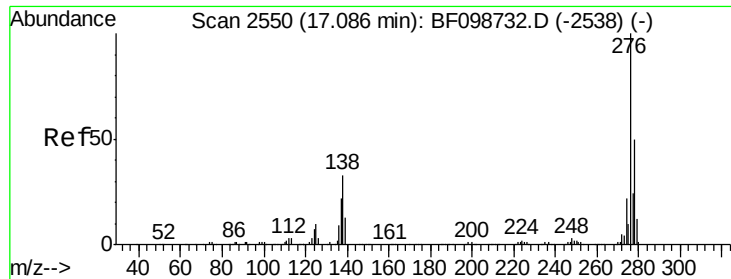
#82
Chrysene
Concen: 55.21 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

Tgt Ion:228 Resp: 603600
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 22.2 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





#85

Indeno(1,2,3-cd)pyrene

Concen: 25.57 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

Instrument :

BNA_F

ClientSampleId :

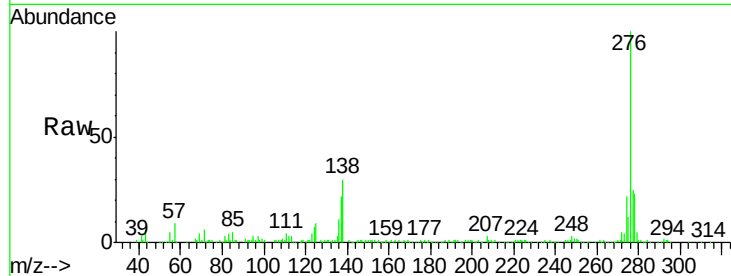
Tot Ion:276 Resp: 223660

Ion Ratio Lower Upper

276 100

138 30.6 25.0 37.6

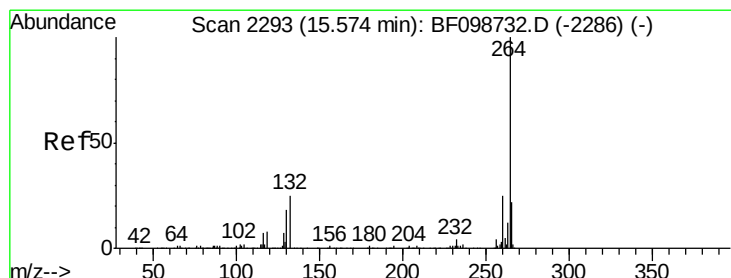
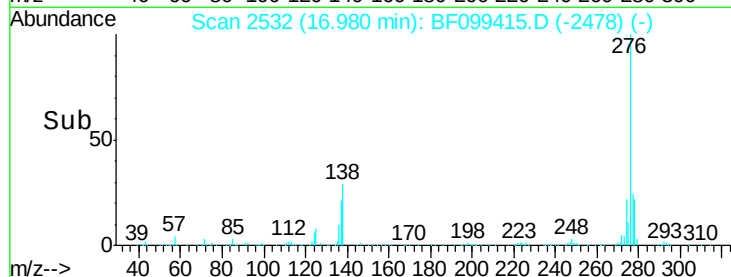
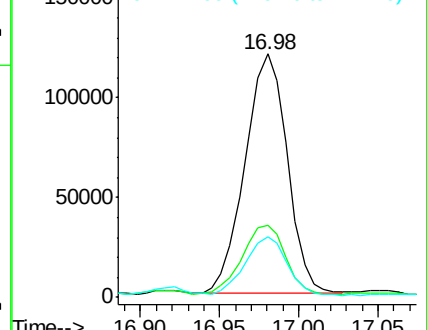
277 24.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

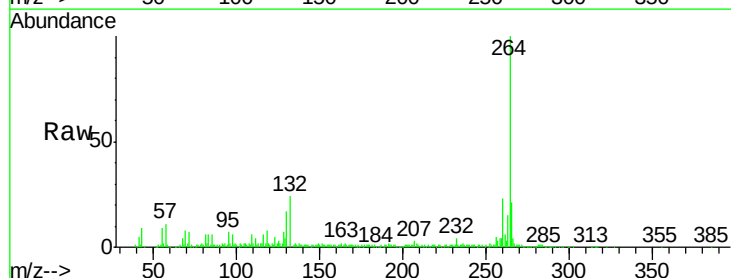
Tgt Ion:264 Resp: 162702

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

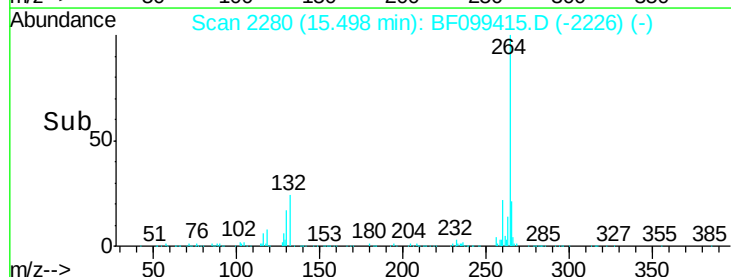
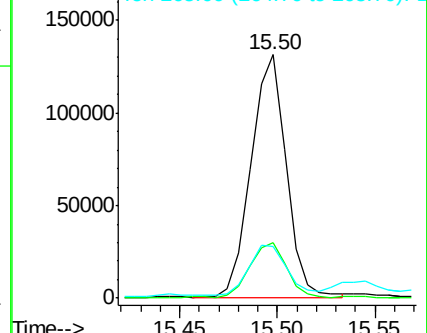
265 21.3 17.5 26.3

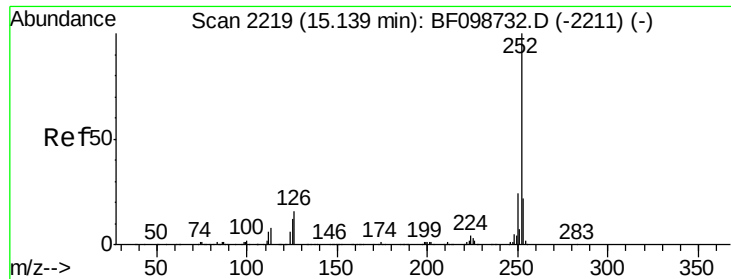


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

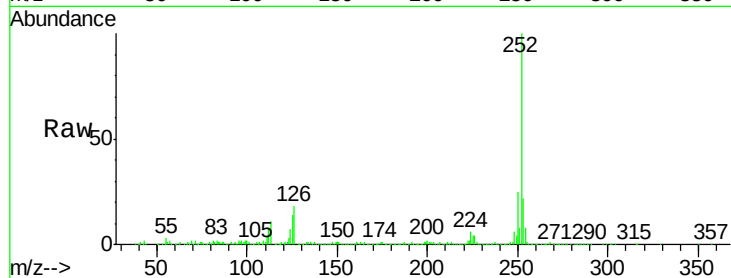




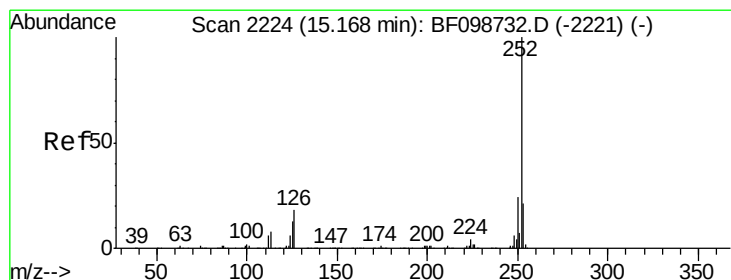
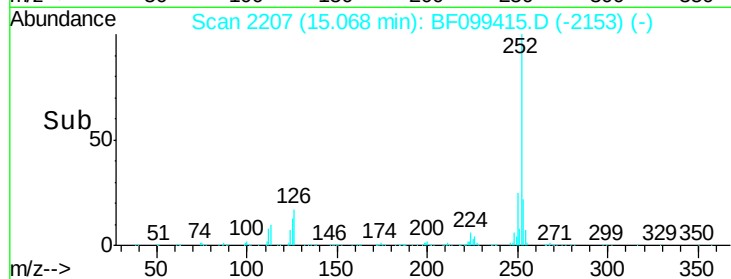
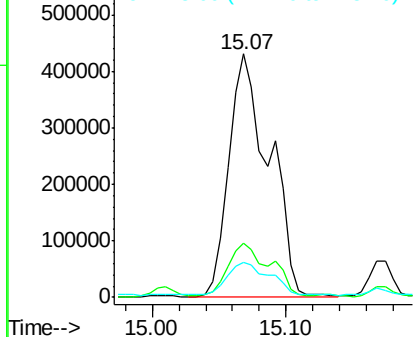
#87
Benzo(b)fluoranthene
Concen: 90.25 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	14.4	9.0	13.6

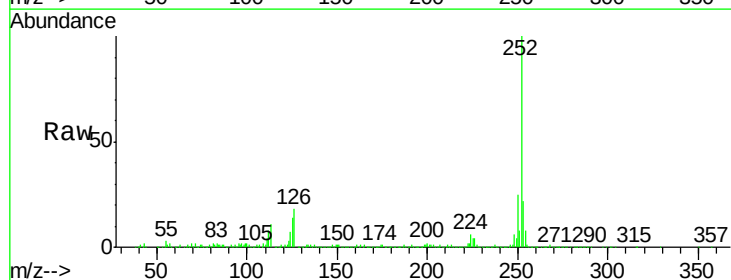


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

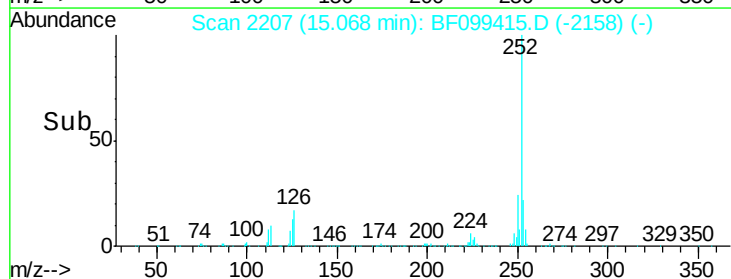
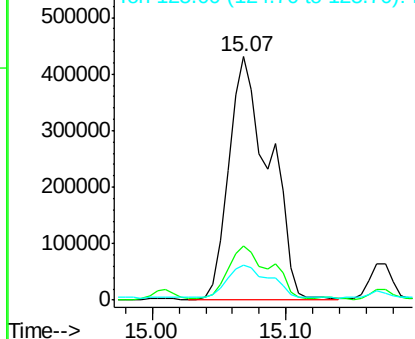


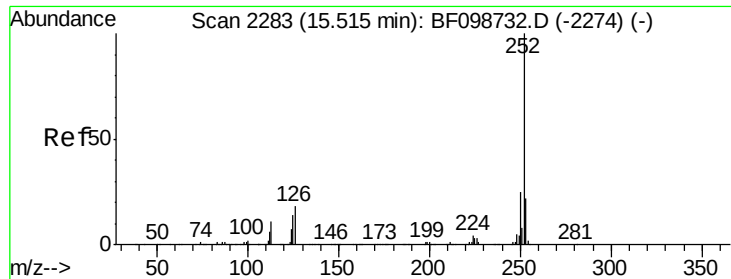
#88
Benzo(k)fluoranthene
Concen: 91.38 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	14.4	10.2	15.2



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

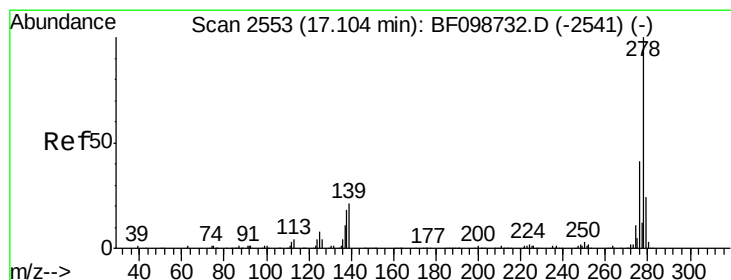
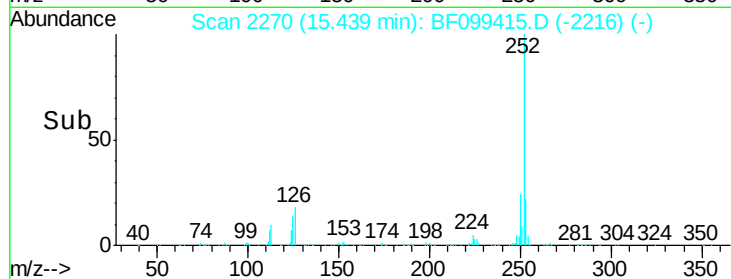
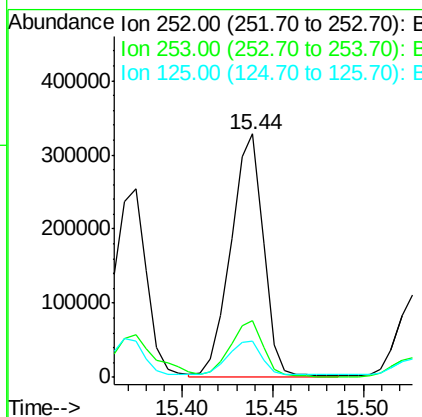
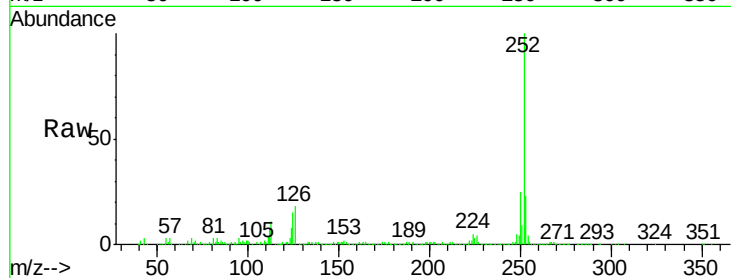




#89
Benzo(a)pyrene
Concen: 44.48 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

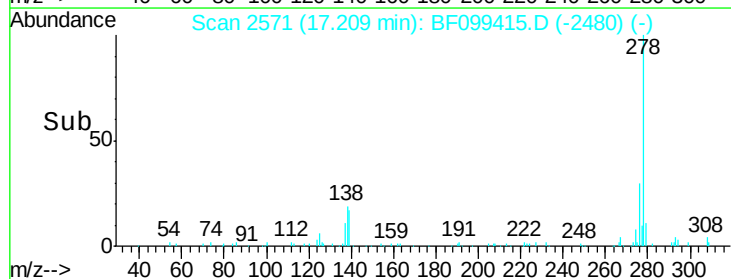
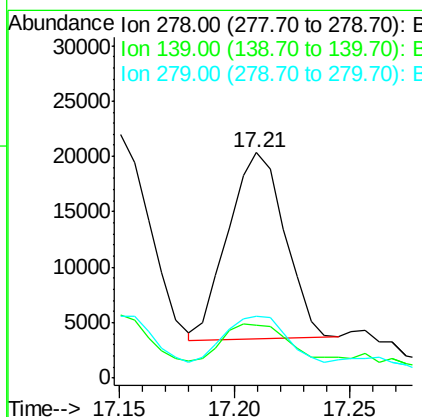
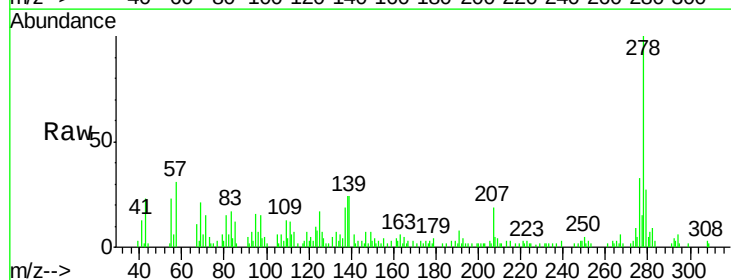
Instrument :
BNA_F
ClientSampled :

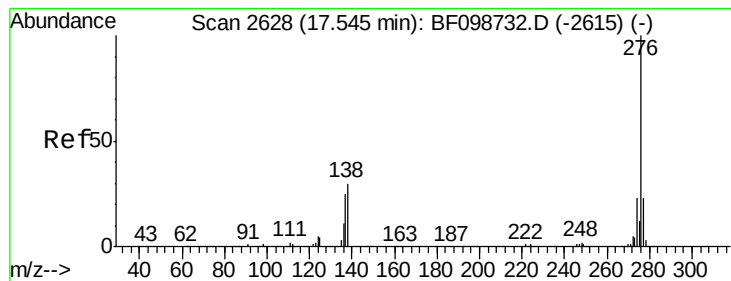
Tot Ion:252 Resp: 408443
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 14.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 3.93 ng
RT: 17.21 min Scan# 2571
Delta R.T. 0.24 min
Lab File: BF099415.D
Acq: 13 Oct 2017 00:43

Tgt Ion:278 Resp: 28859
Ion Ratio Lower Upper
278 100
139 23.7 15.9 23.9
279 27.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 30.01 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

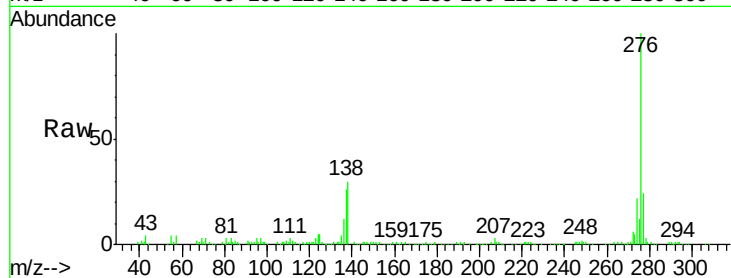
Lab File: BF099415.D

Acq: 13 Oct 2017 00:43

Instrument :

BNA_F

ClientSampleId :



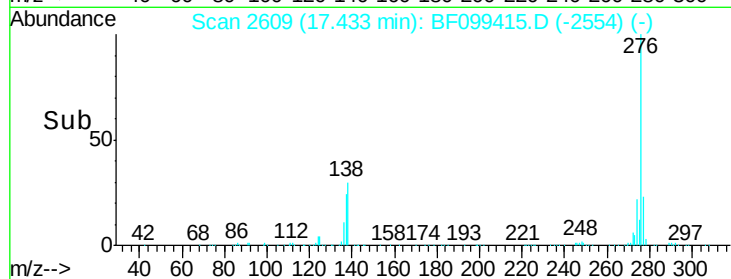
Tot Ion: 276 Resp: 217972

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 30.4 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

