

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102735.D
 Acq On : 5 Feb 2018 14:01
 Operator : SJ/JU
 Sample : J1424-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRRC-2-COMP

Quant Time: Feb 05 16:37:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

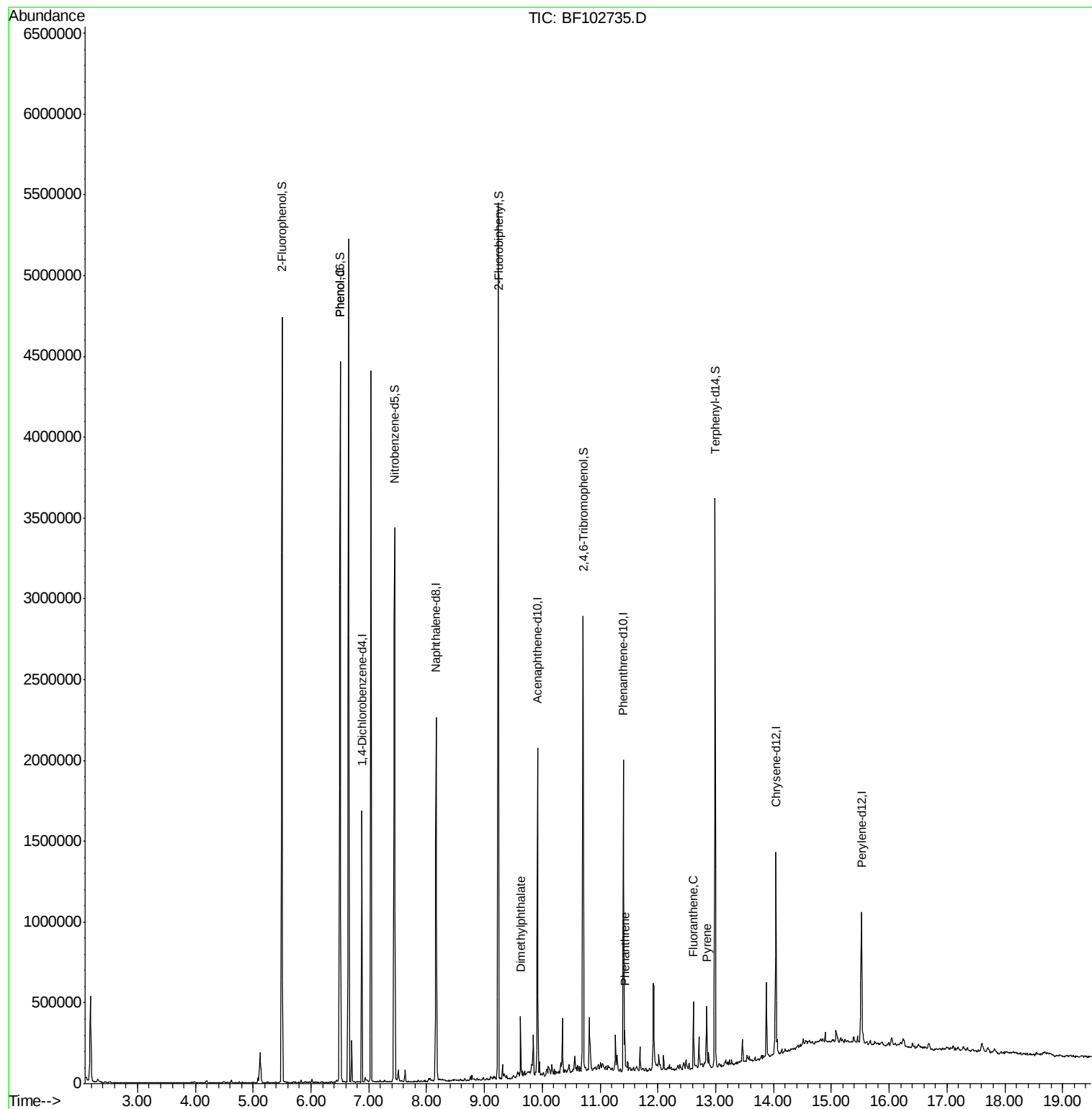
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	225440	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	920143	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	401726	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	630130	20.00	ng	0.00
75) Chrysene-d12	14.04	240	405899	20.00	ng	-0.01
86) Perylene-d12	15.52	264	377003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1519719	102.38	ng	0.01
7) Phenol-d6	6.51	99	1831952	102.49	ng	0.00
23) Nitrobenzene-d5	7.45	82	1132185	85.36	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	344012	106.39	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1679446	69.37	ng	0.00
78) Terphenyl-d14	12.99	244	1213088	70.76	ng	0.00
Target Compounds						
10) Phenol	6.52	94	68920	3.598	ng	89
49) Dimethylphthalate	9.63	163	107958	3.447	ng	99
70) Phenanthrene	11.43	178	78541	2.238	ng	97
74) Fluoranthene	12.62	202	137740	3.901	ng	99
77) Pyrene	12.84	202	138550	4.353	ng	97

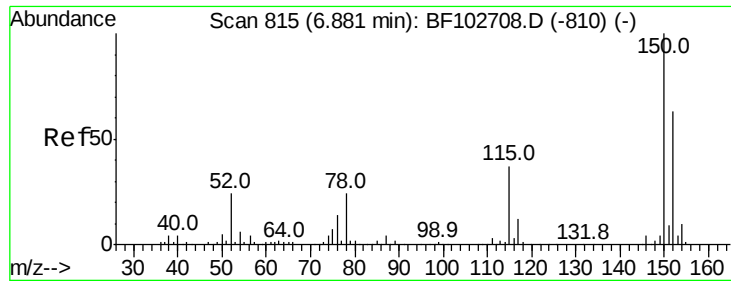
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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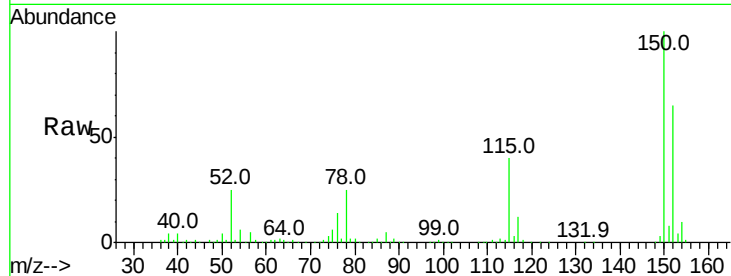


#1

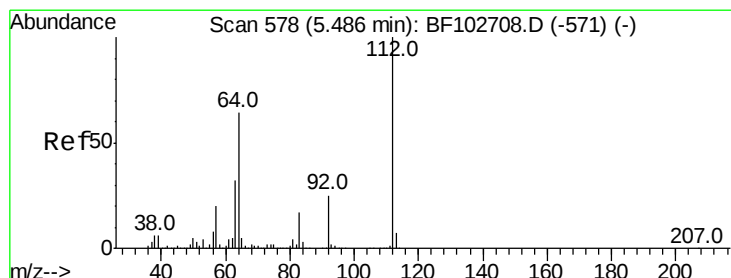
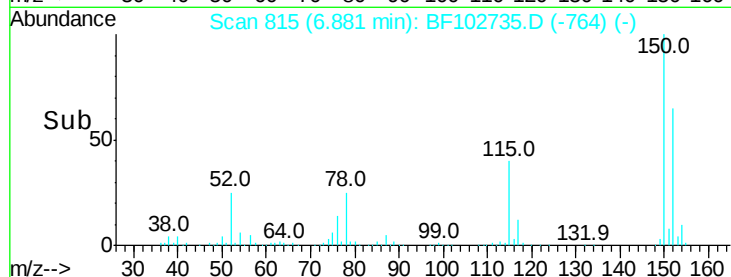
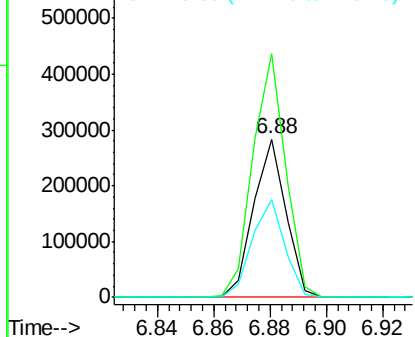
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102735.D
Acq: 5 Feb 2018 14:01

Instrument :
BNA_F
ClientSampleId :
IRRC-2-COMP

Tot Ion:152 Resp: 225440
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 62.1 50.1 75.1



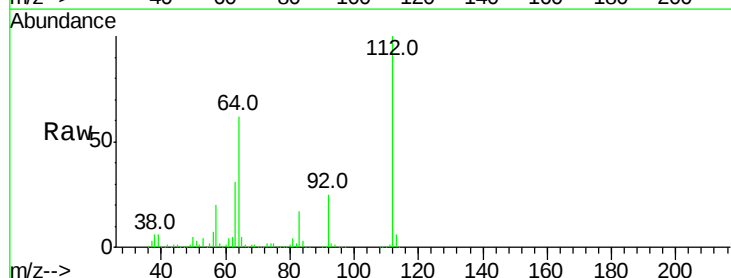
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



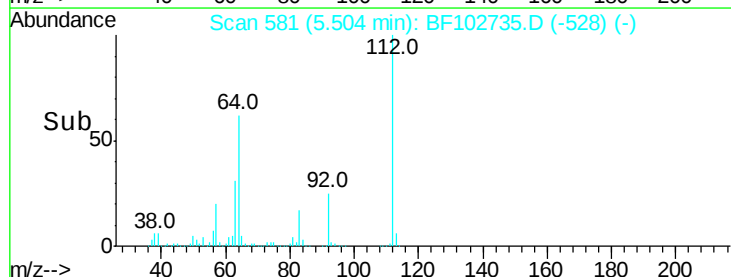
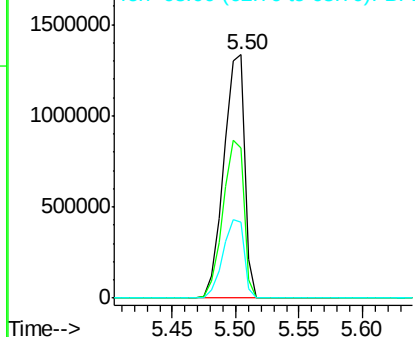
#5

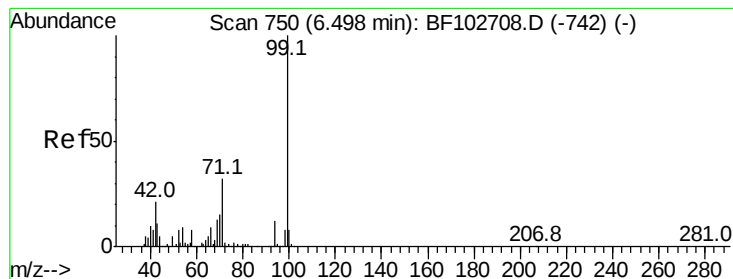
2-Fluorophenol
Concen: 102.375 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102735.D
Acq: 5 Feb 2018 14:01

Tgt Ion:112 Resp: 1519719
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.493 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102735.D

Acq: 5 Feb 2018 14:01

Instrument :

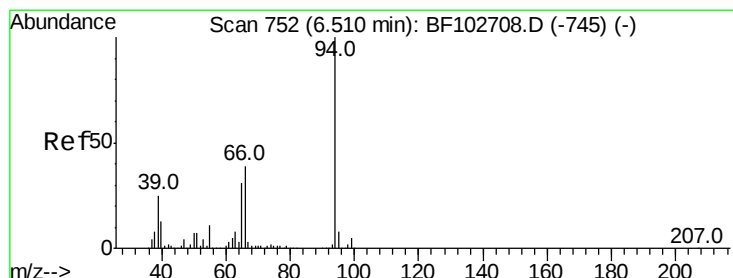
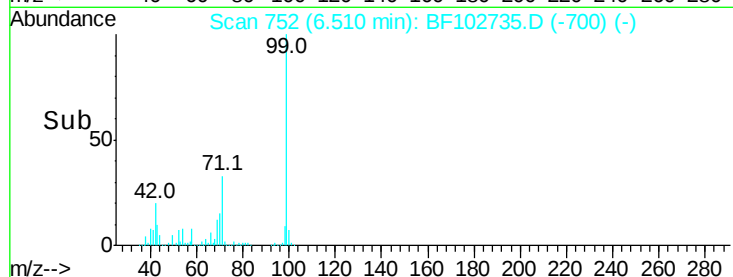
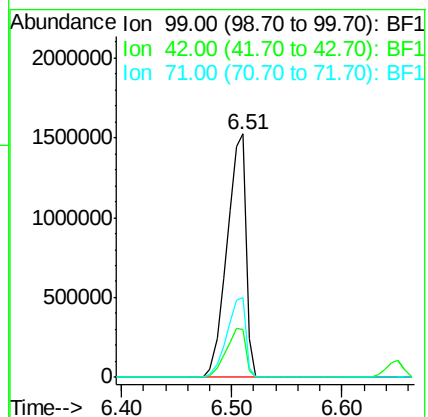
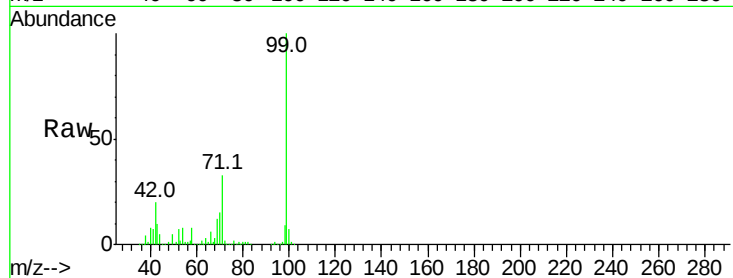
BNA_F

ClientSampleId :

IRRC-2-COMP

Tot Ion: 99 Resp: 1831952

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	32.6	25.4	38.0



#10

Phenol

Concen: 3.598 ng

RT: 6.52 min Scan# 753

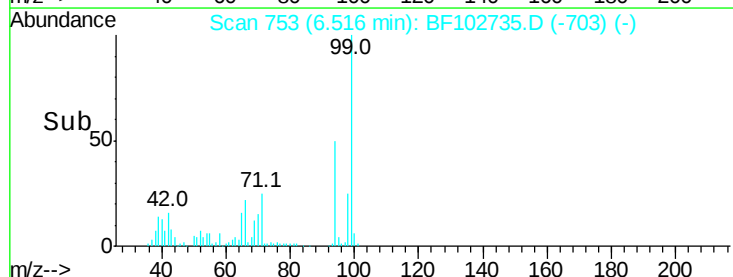
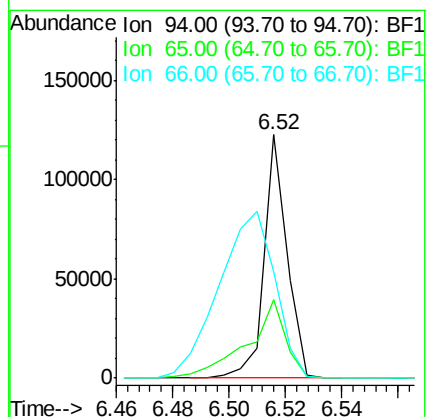
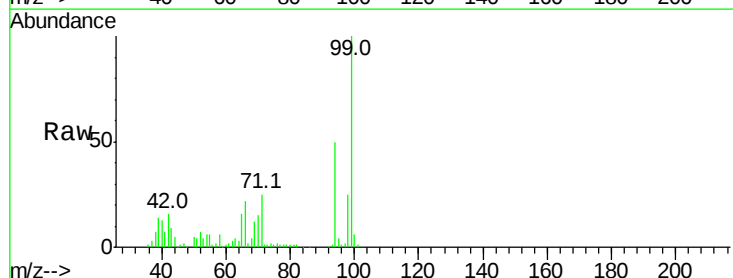
Delta R.T. -0.01 min

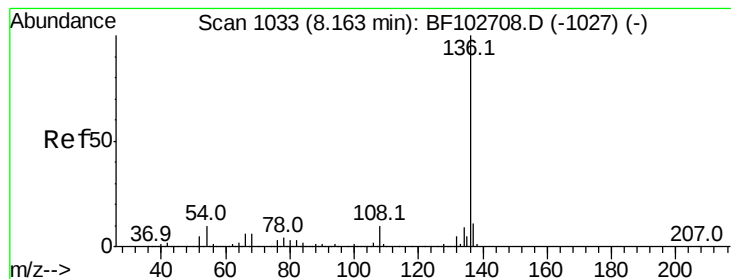
Lab File: BF102735.D

Acq: 5 Feb 2018 14:01

Tgt Ion: 94 Resp: 68920

Ion	Ratio	Lower	Upper
94	100		
65	32.5	7.9	47.9
66	43.7	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102735.D

Acq: 5 Feb 2018 14:01

Instrument :

BNA_F

ClientSampleId :

IRRC-2-COMP

Tot Ion:136 Resp: 920143

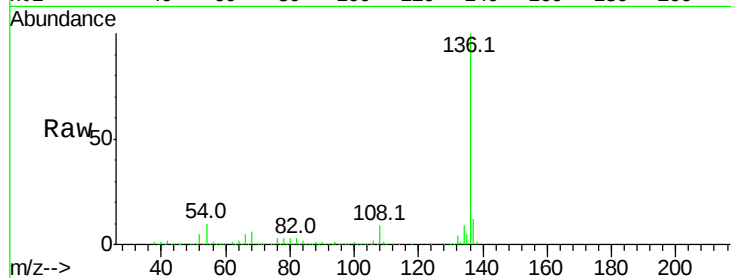
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.5 6.6 9.8

68 6.2 5.0 7.4

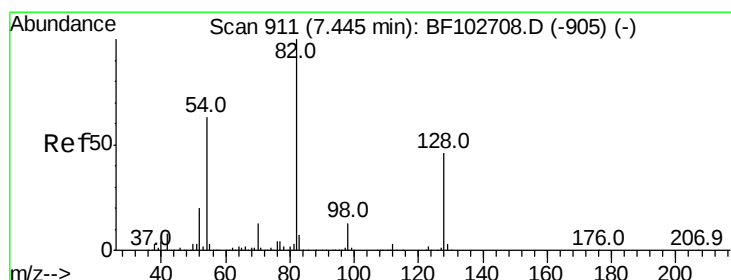
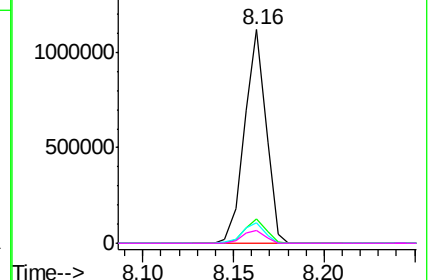
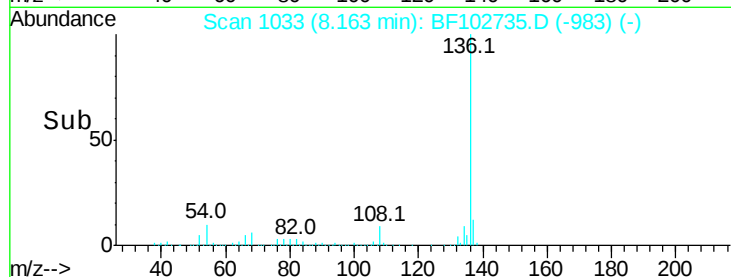


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 85.357 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102735.D

Acq: 5 Feb 2018 14:01

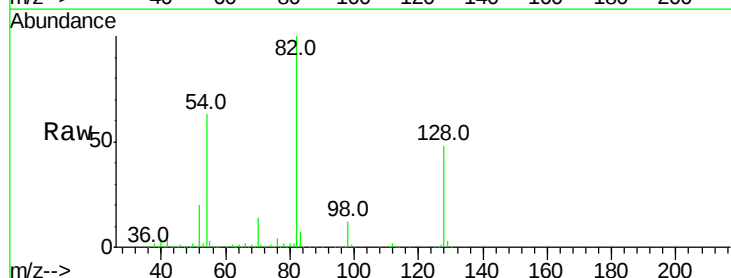
Tgt Ion: 82 Resp: 1132185

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

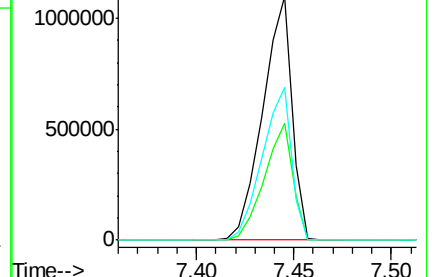
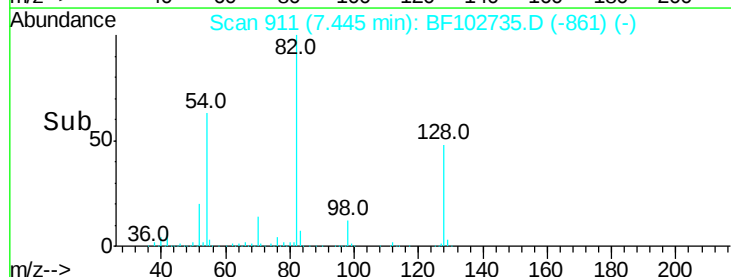
54 62.8 41.4 62.2#

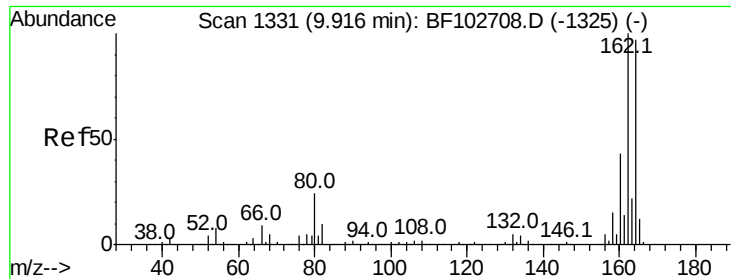


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

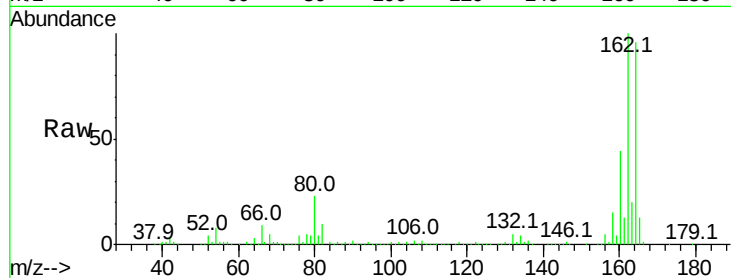




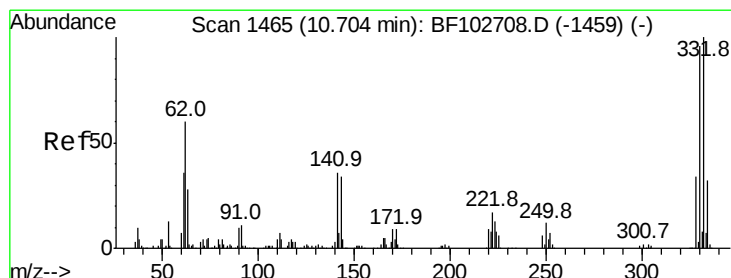
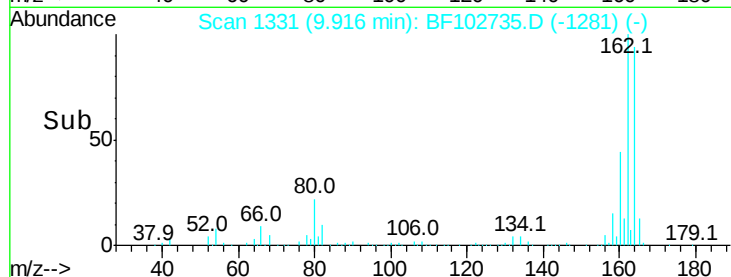
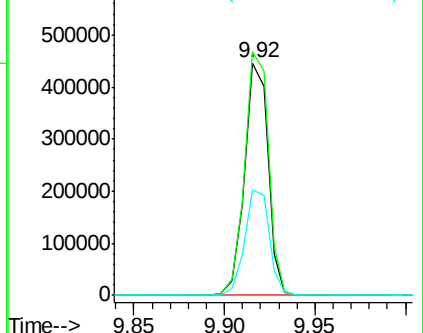
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102735.D
Acq: 5 Feb 2018 14:01

Instrument :
BNA_F
ClientSampleId :
IRRC-2-COMP

Tot Ion:164 Resp: 401726
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 45.5 38.3 57.5

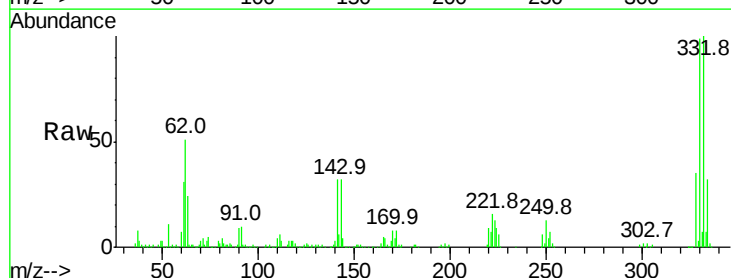


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

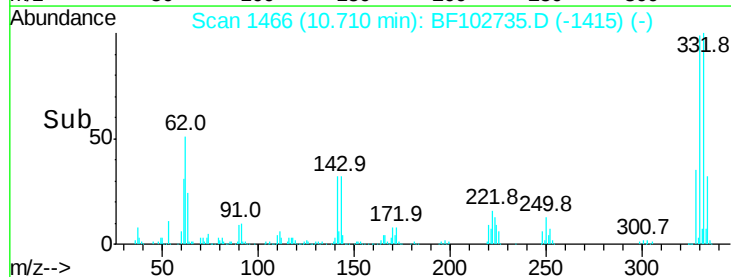
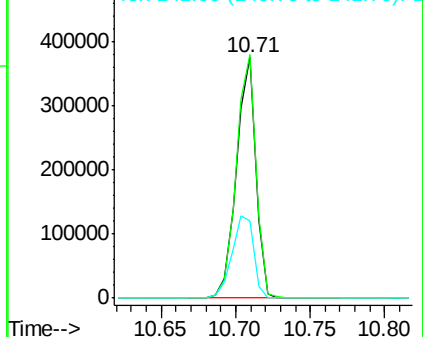


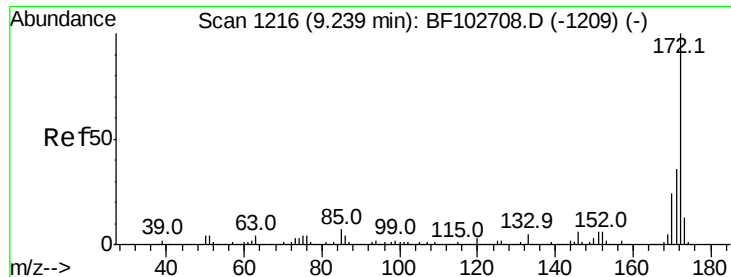
#41
2,4,6-Tribromophenol
Concen: 106.392 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102735.D
Acq: 5 Feb 2018 14:01

Tgt Ion:330 Resp: 344012
Ion Ratio Lower Upper
330 100
332 102.4 77.0 115.6
141 38.1 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: 69.371 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF102735.D

Acq: 5 Feb 2018 14:01

Instrument :

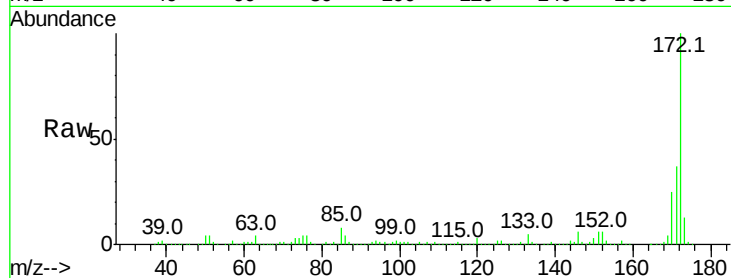
BNA_F

ClientSampleId :

IRRC-2-COMP

Tot Ion:172 Resp: 1679446

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	19.6	29.4

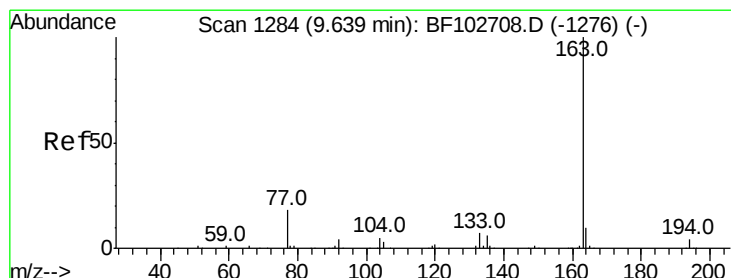
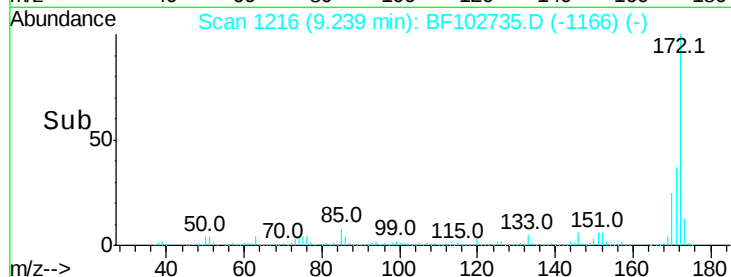
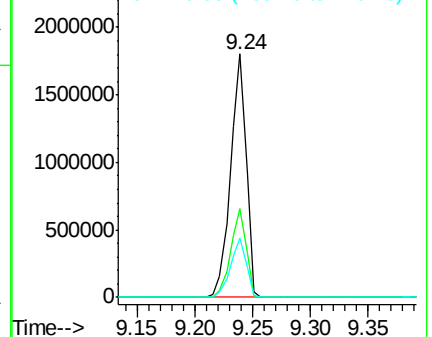


Abundance

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: 3.447 ng

RT: 9.63 min Scan# 1282

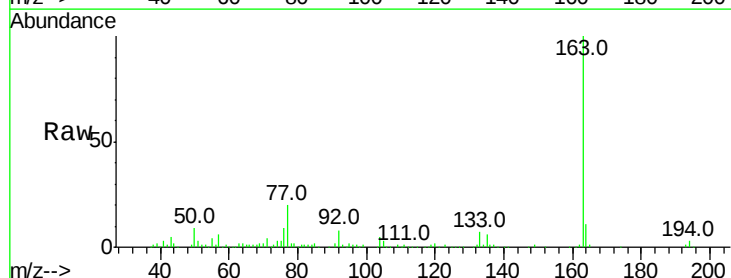
Delta R.T. -0.02 min

Lab File: BF102735.D

Acq: 5 Feb 2018 14:01

Tgt Ion:163 Resp: 107958

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.7	8.2	12.2

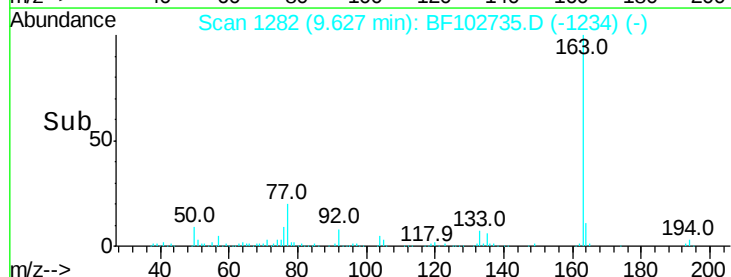
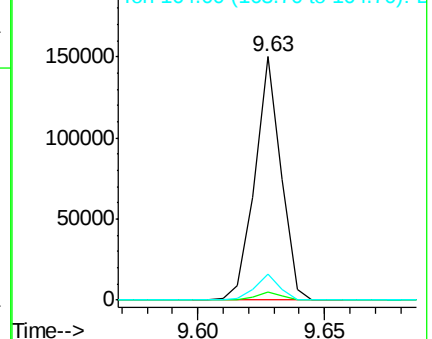


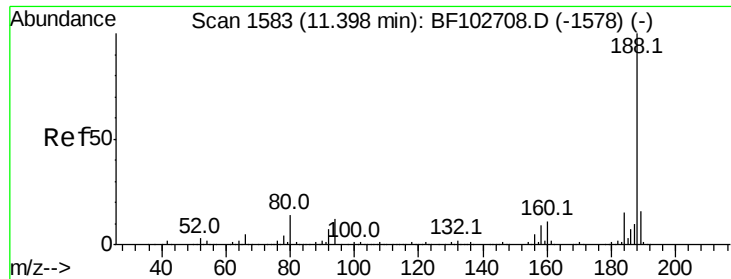
Abundance

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

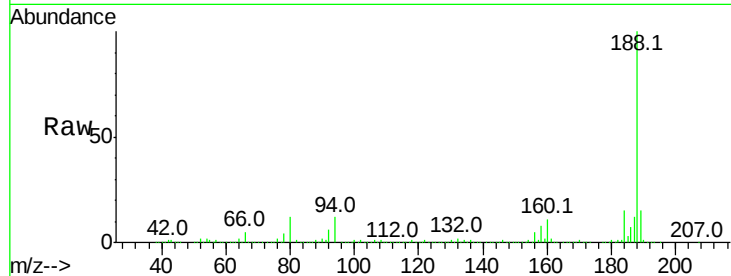




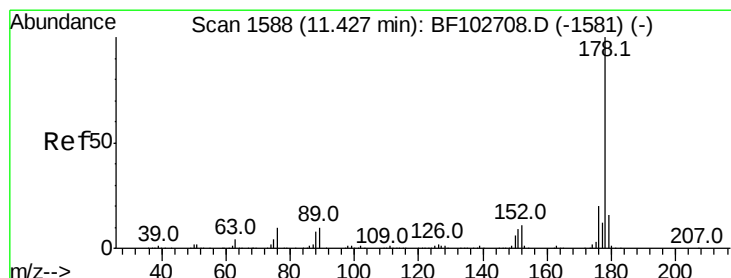
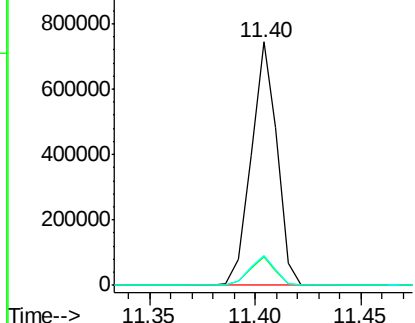
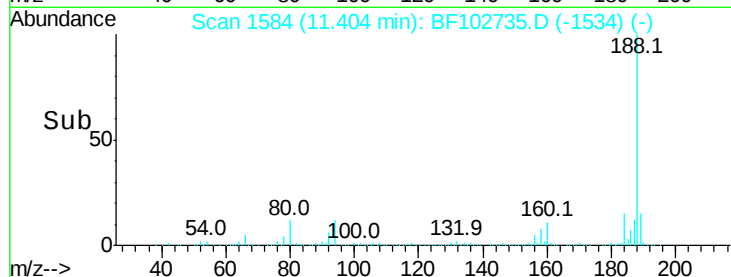
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102735.D
Acq: 5 Feb 2018 14:01

Instrument :
BNA_F
ClientSampleId :
IRRC-2-COMP

Tot Ion:188 Resp: 630130
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.0 9.2 13.8

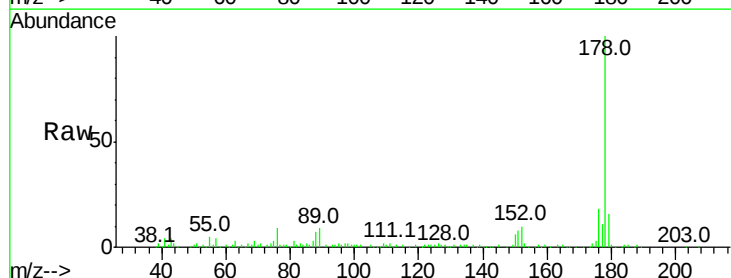


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

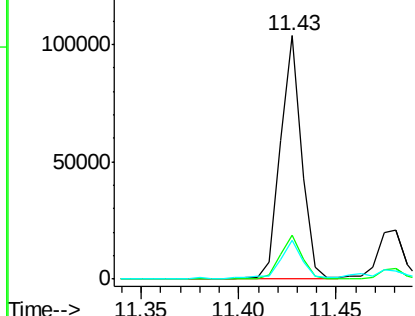
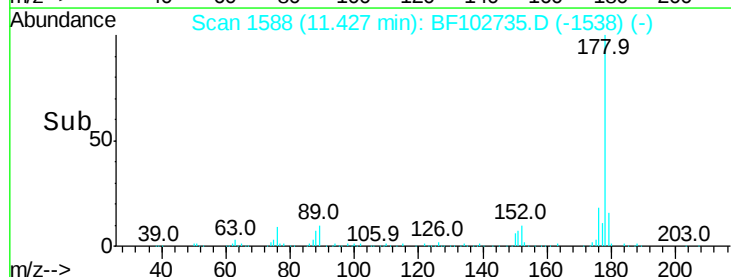


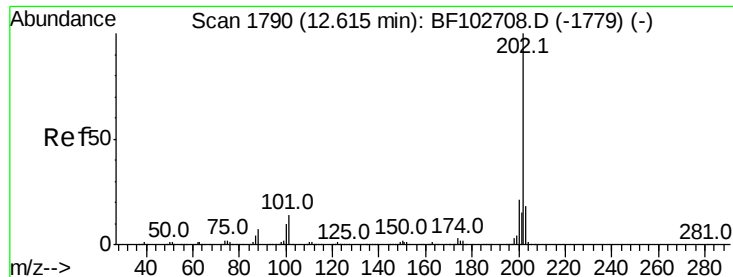
#70
Phenanthrene
Concen: 2.238 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF102735.D
Acq: 5 Feb 2018 14:01

Tgt Ion:178 Resp: 78541
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.8
179 15.9 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





#74

Fluoranthene

Concen: 3.901 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF102735.D

Acq: 5 Feb 2018 14:01

Instrument :

BNA_F

ClientSampleId :

IRRC-2-COMP

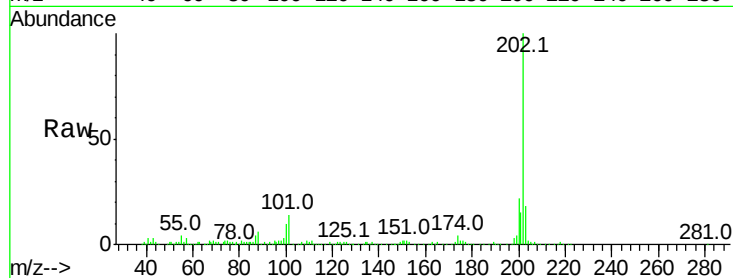
Tot Ion:202 Resp: 137740

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

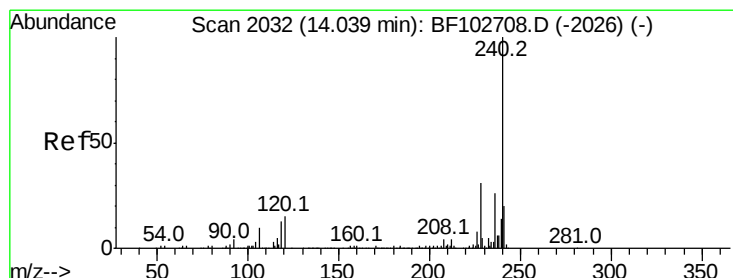
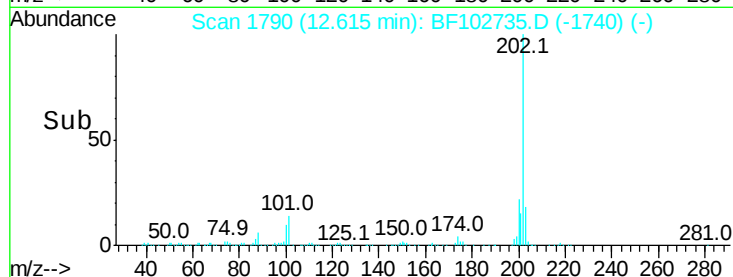
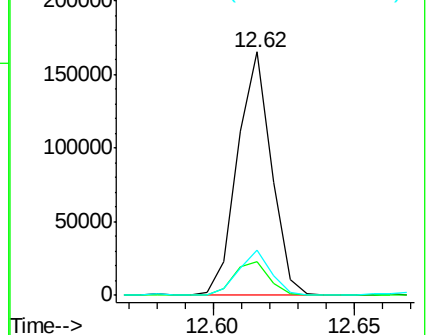
203 18.4 0.0 38.1



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF102735.D

Acq: 5 Feb 2018 14:01

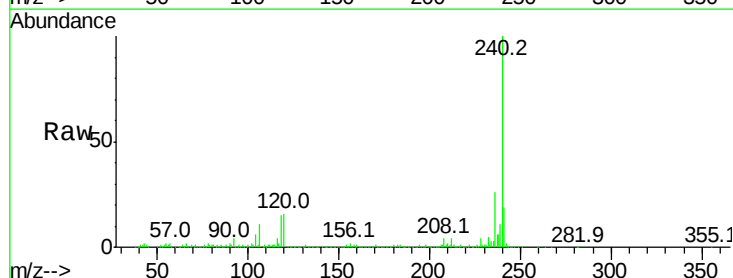
Tgt Ion:240 Resp: 405899

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

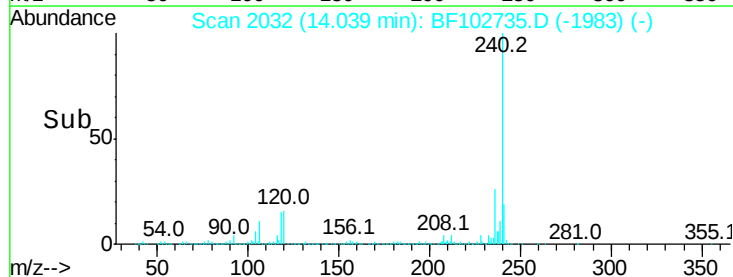
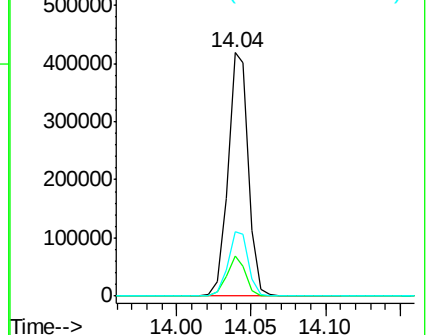
236 26.4 20.7 31.1

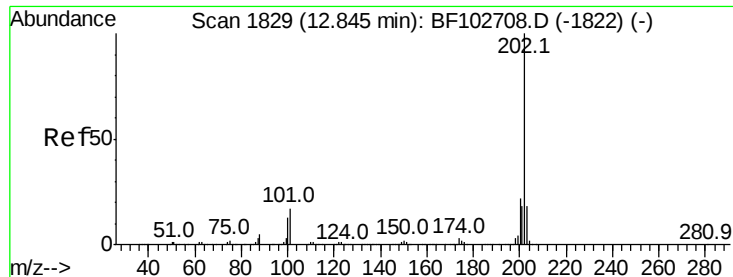


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.353 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF102735.D

Acq: 5 Feb 2018 14:01

Instrument :

BNA_F

ClientSampleId :

IRRC-2-COMP

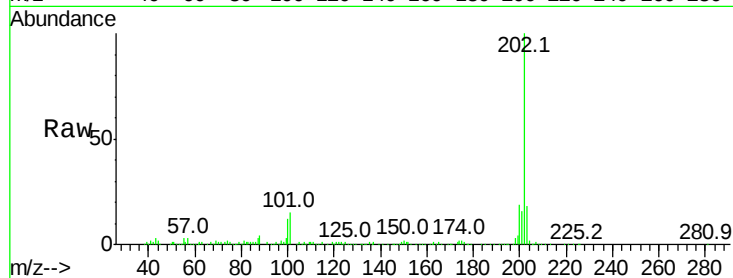
Tot Ion:202 Resp: 138550

Ion Ratio Lower Upper

202 100

200 19.5 17.4 26.2

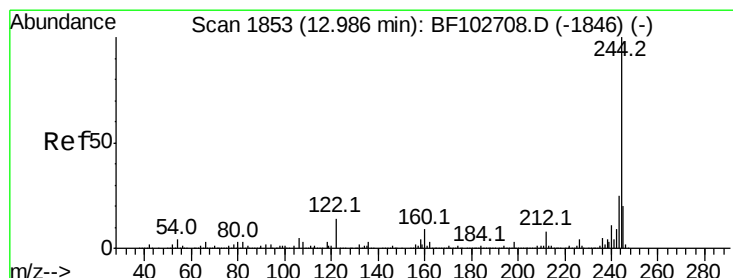
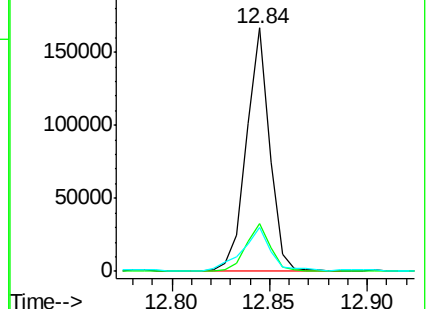
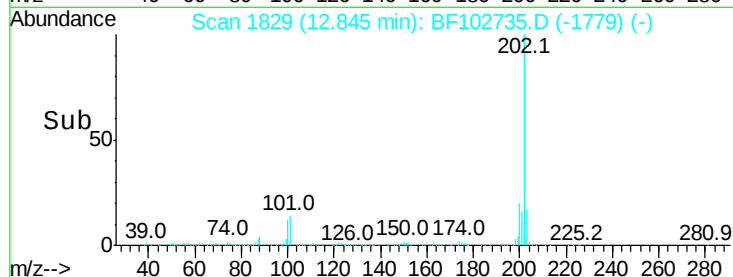
203 17.8 14.3 21.5



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: 70.764 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102735.D

Acq: 5 Feb 2018 14:01

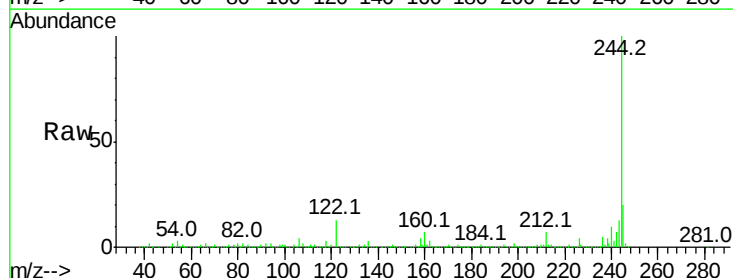
Tgt Ion:244 Resp: 1213088

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

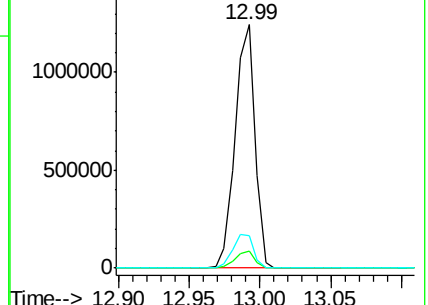
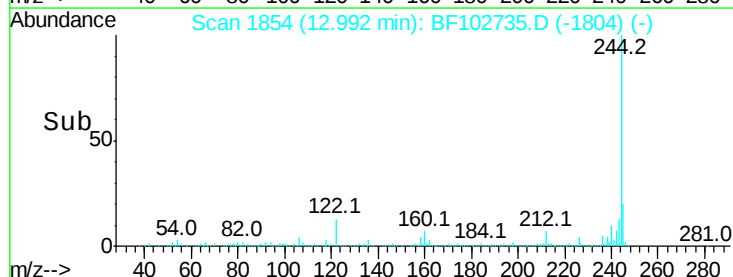
122 13.2 11.0 16.4

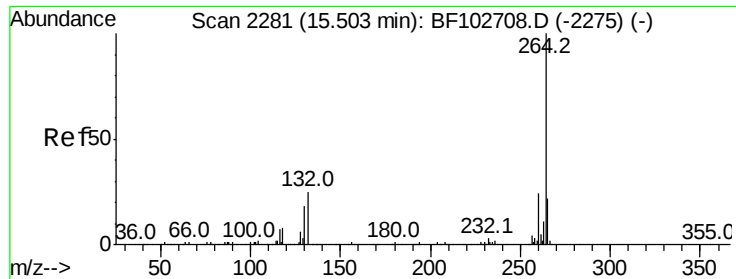


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102735.D
Acq: 5 Feb 2018 14:01

Instrument :
BNA_F
ClientSampleId :
IRRC-2-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3

