

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109360.D
 Acq On : 27 Sep 2018 2:18
 Operator : JU/SJ
 Sample : J5053-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW08-GW

Quant Time: Sep 27 11:35:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

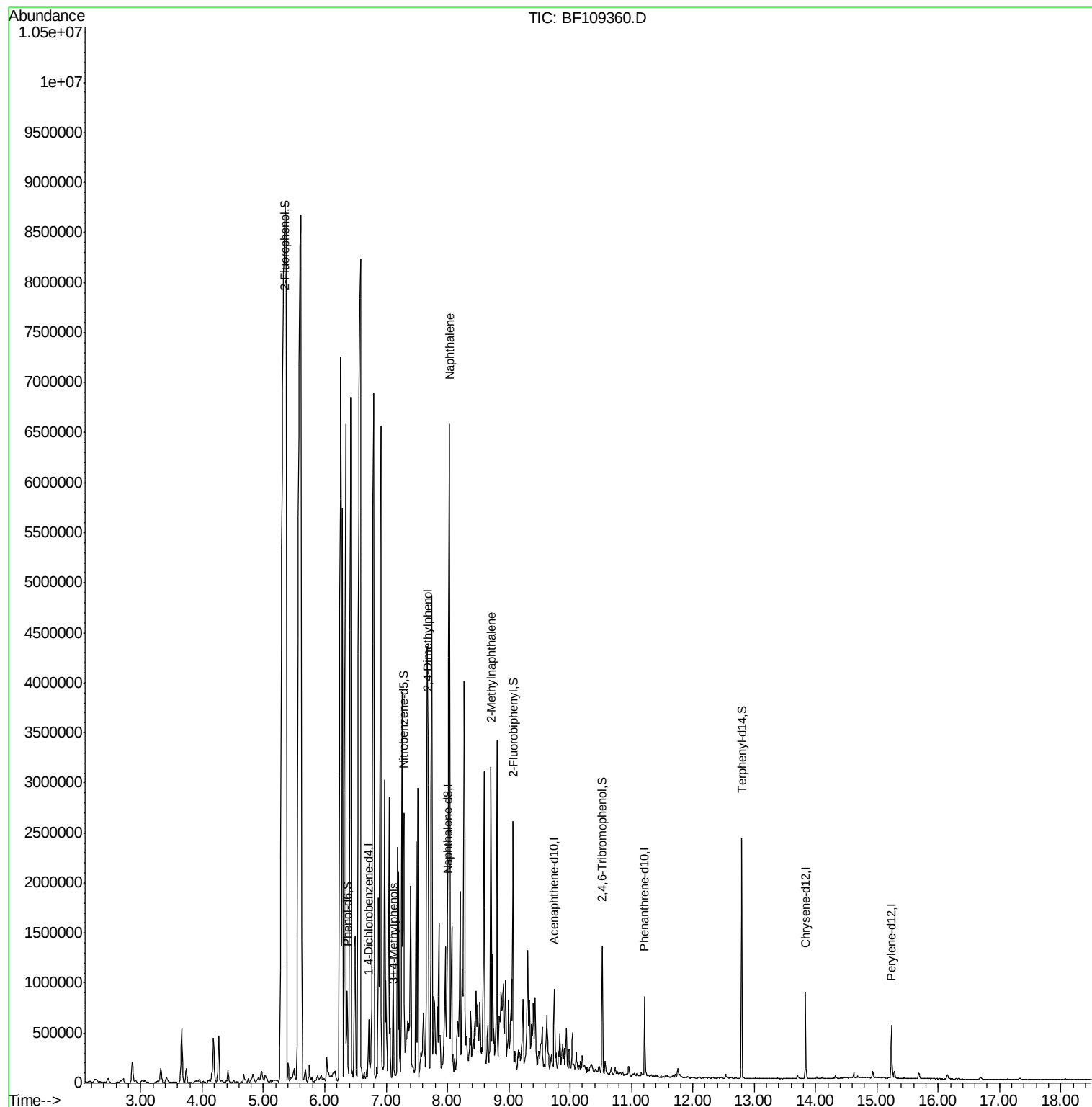
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	88224	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	287019	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	126372	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	246808	20.00	ng	0.00
75) Chrysene-d12	13.84	240	272047	20.00	ng	0.00
86) Perylene-d12	15.24	264	224391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	102804	19.19	ng	0.04
7) Phenol-d6	6.37	99	334525	48.94	ng	0.01
23) Nitrobenzene-d5	7.28	82	398675	82.00	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	161378	129.54	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	704447	84.07	ng	0.00
78) Terphenyl-d14	12.80	244	788648	71.14	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.13	107	37683	6.476	ng	94
27) 2,4-Dimethylphenol	7.69	122	879716	230.596	ng	# 90
31) Naphthalene	8.03	128	4288932	319.776	ng	95
37) 2-Methylnaphthalene	8.71	142	709255	82.030	ng	97

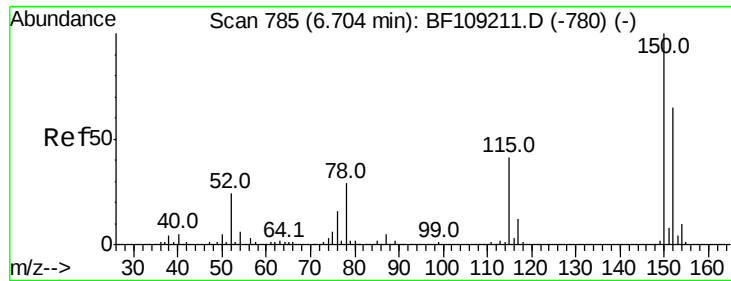
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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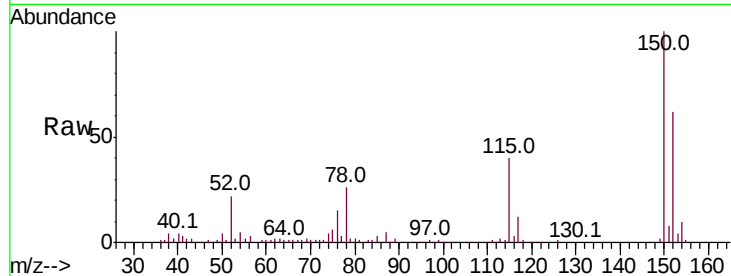


#1

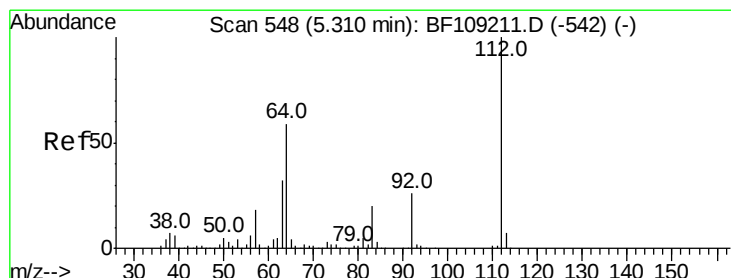
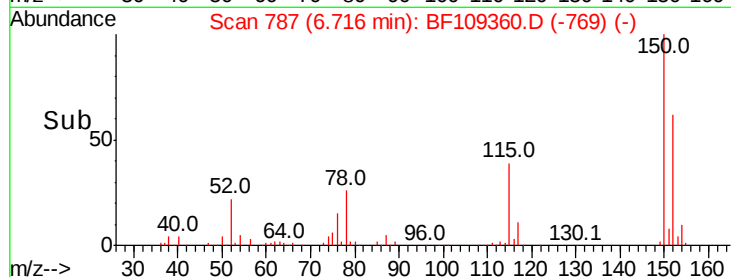
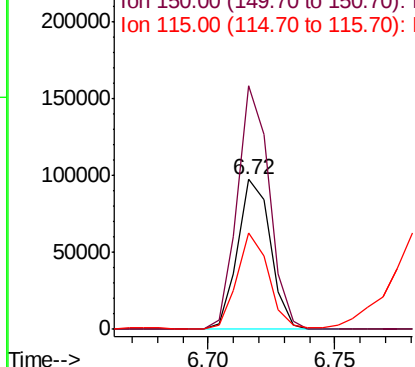
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tot Ion:152 Resp: 88224
Ion Ratio Lower Upper
152 100
150 162.5 124.6 186.8
115 64.2 50.1 75.1



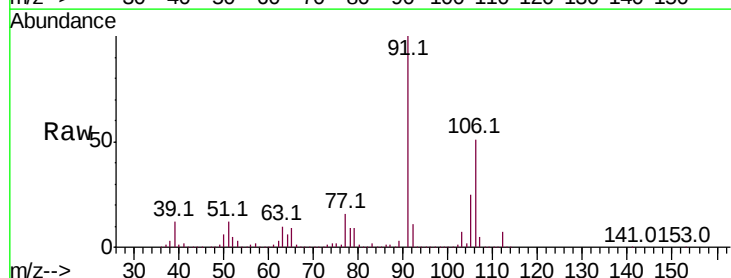
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



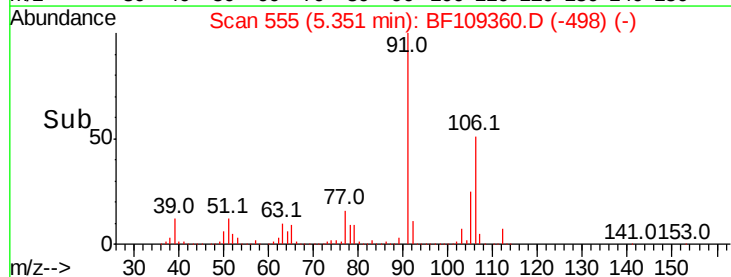
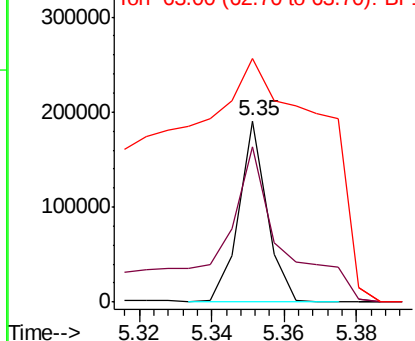
#5

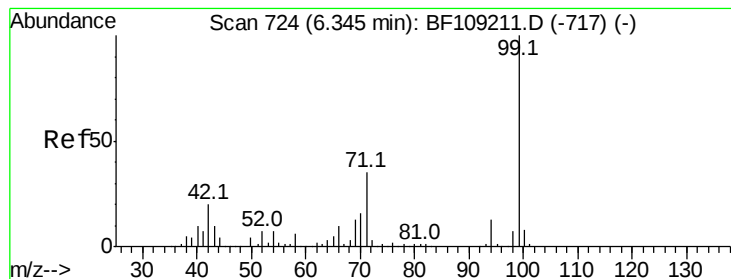
2-Fluorophenol
Concen: 19.193 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.04 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:112 Resp: 102804
Ion Ratio Lower Upper
112 100
64 85.6 47.9 71.9#
63 134.3 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: 48.943 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF109360.D

Acq: 27 Sep 2018 2:18

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW08-GW

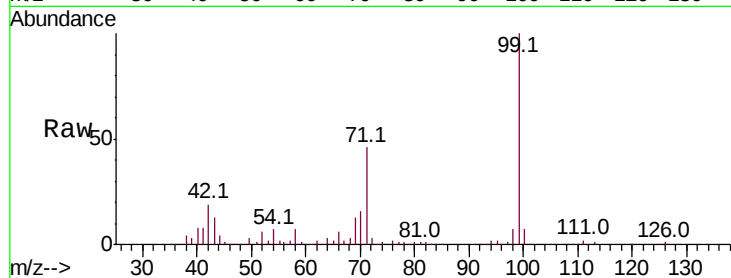
Tot Ion: 99 Resp: 334525

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 46.0 25.4 38.0#

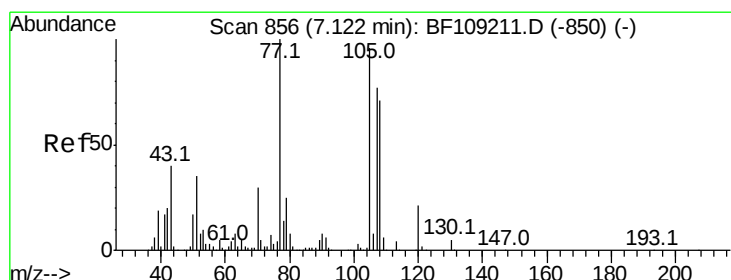
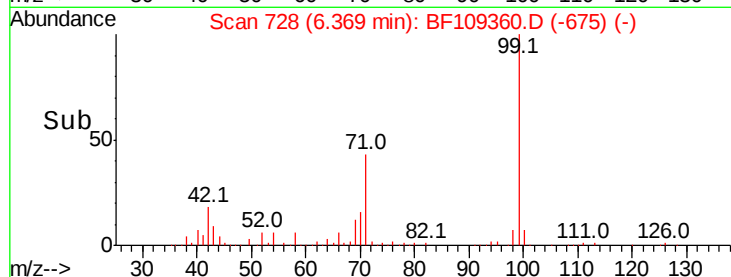
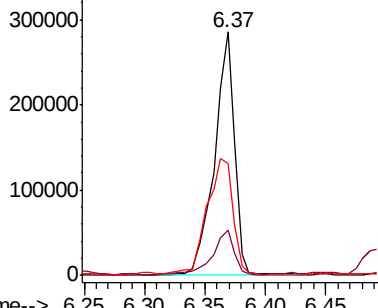


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#20

3+4-Methylphenols

Concen: 6.476 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF109360.D

Acq: 27 Sep 2018 2:18

Tgt Ion:107 Resp: 37683

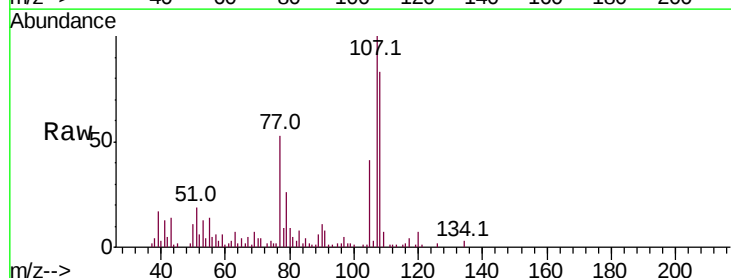
Ion Ratio Lower Upper

107 100

108 83.2 68.2 108.2

77 53.0 26.7 66.7

79 26.2 6.3 46.3



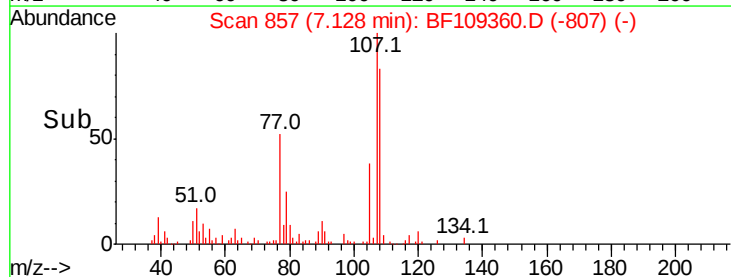
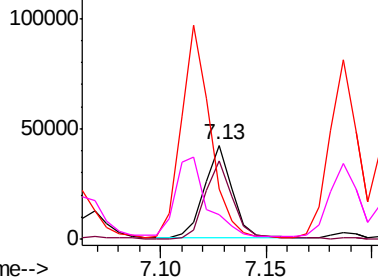
Abundance

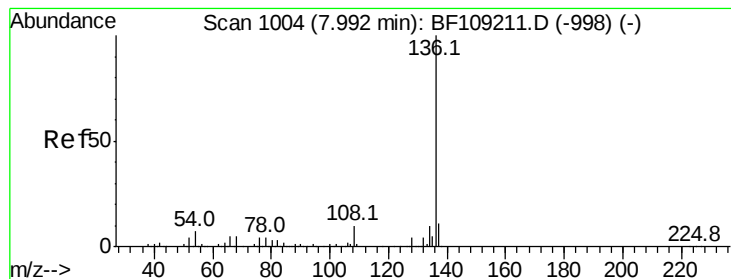
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF109360.D

Acq: 27 Sep 2018 2:18

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW08-GW

Tot Ion:136 Resp: 287019

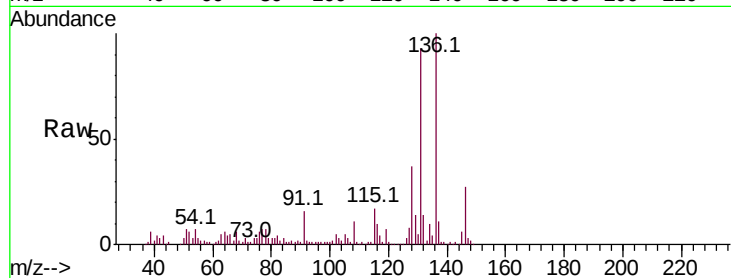
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 5.7 5.0 7.4

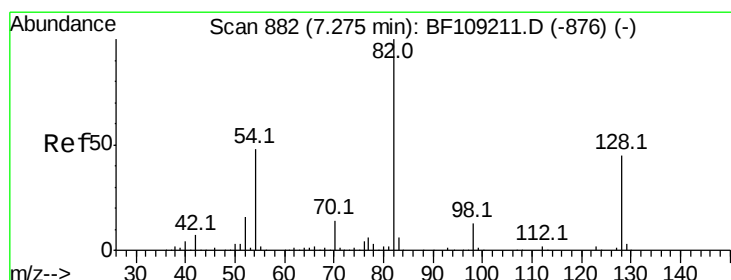
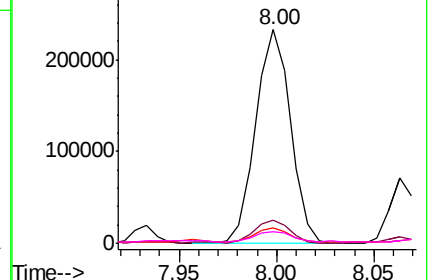
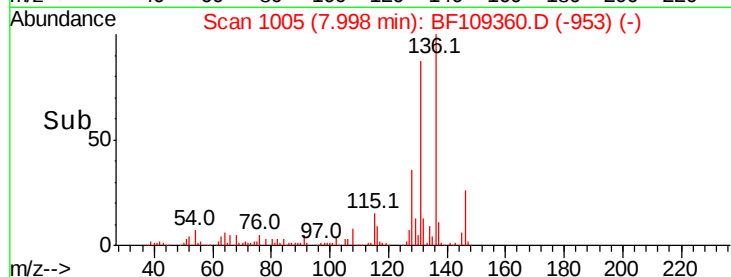


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 81.996 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF109360.D

Acq: 27 Sep 2018 2:18

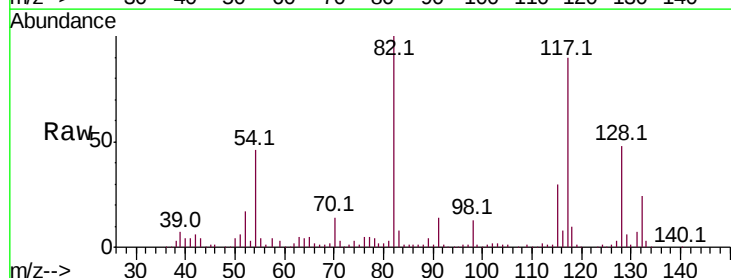
Tgt Ion: 82 Resp: 398675

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

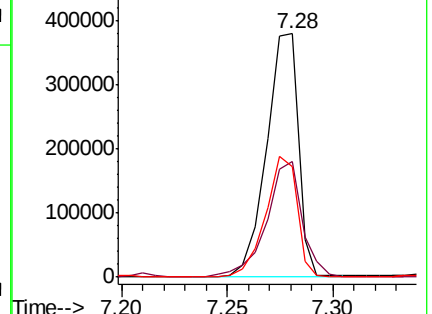
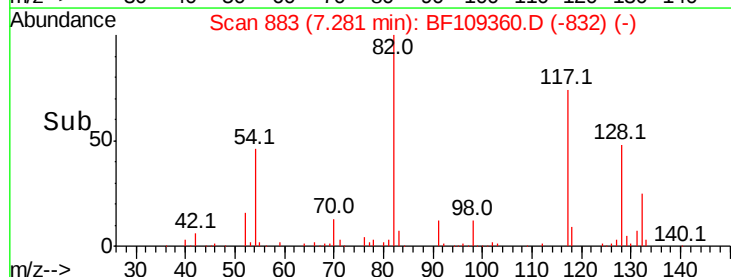
54 45.6 41.4 62.2

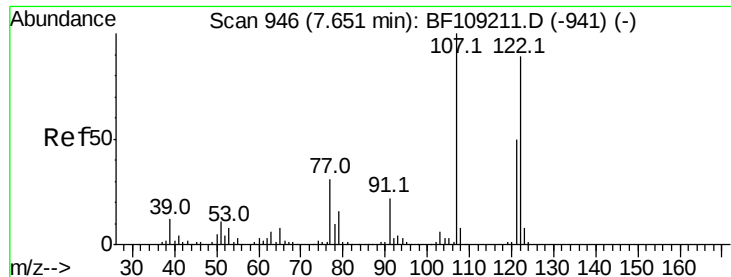


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#27

2,4-Dimethylphenol

Concen: 230.596 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.03 min

Lab File: BF109360.D

Acq: 27 Sep 2018 2:18

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW08-GW

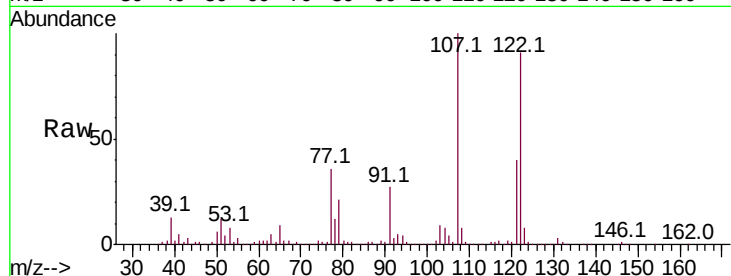
Tot Ion:122 Resp: 879716

Ion Ratio Lower Upper

122 100

107 109.5 91.2 136.8

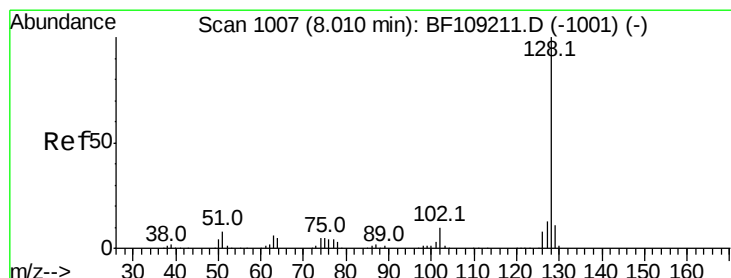
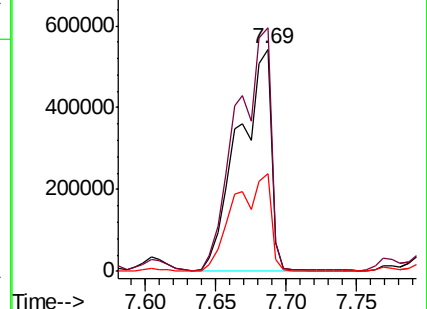
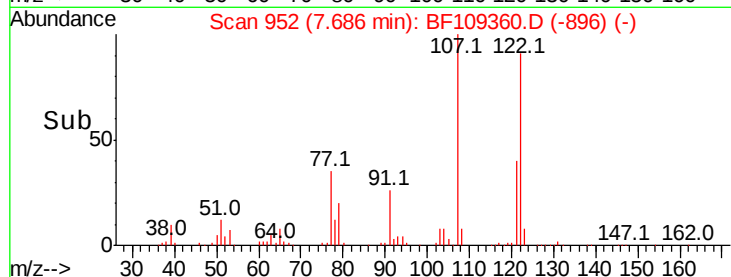
121 43.7 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 319.776 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BF109360.D

Acq: 27 Sep 2018 2:18

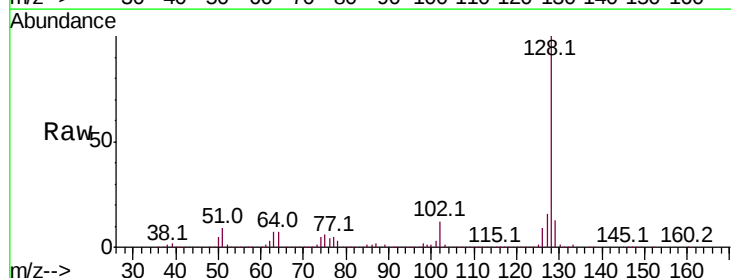
Tgt Ion:128 Resp: 4288932

Ion Ratio Lower Upper

128 100

129 12.9 8.8 13.2

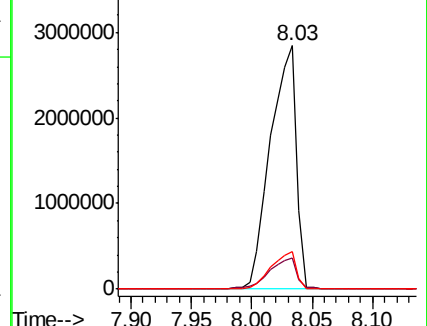
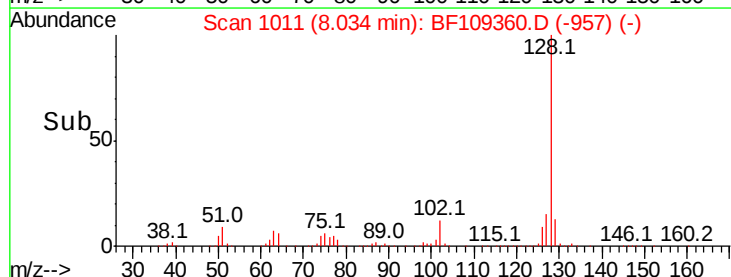
127 15.5 10.9 16.3

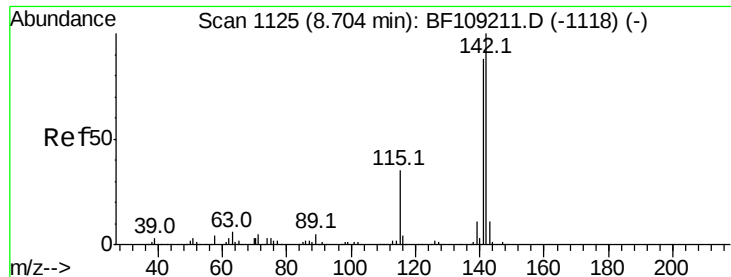


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

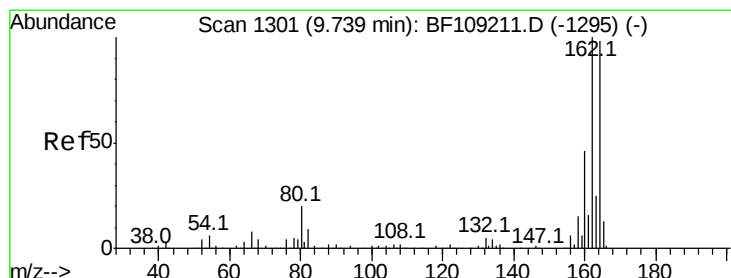
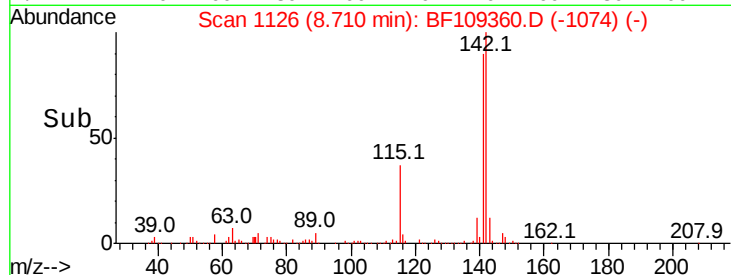
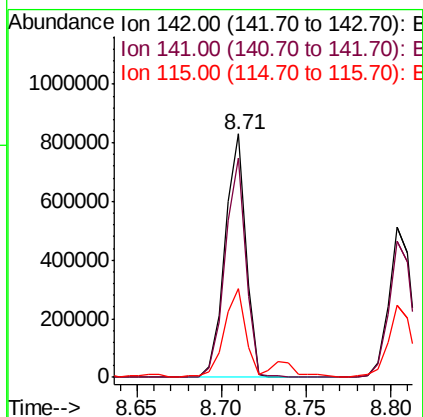
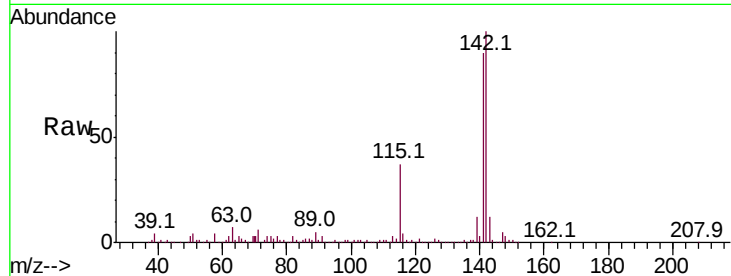




#37
2-Methylnaphthalene
Concen: 82.030 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

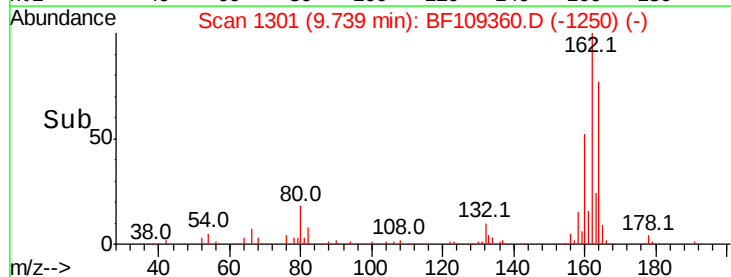
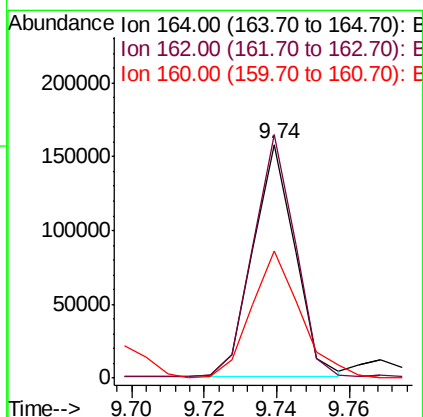
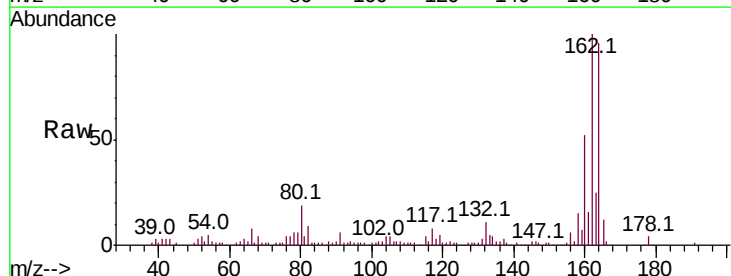
Instrument :
BNA_F
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RFK-RMAB-MW08-GW

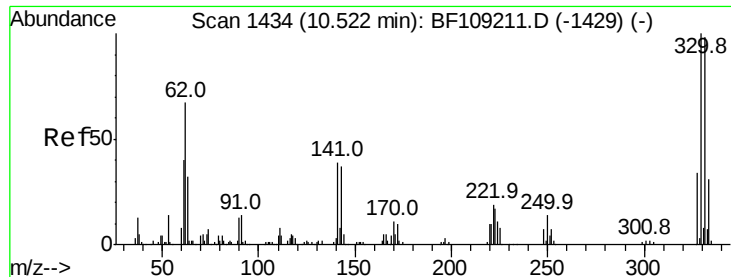
Tot Ion:142 Resp: 709255
Ion Ratio Lower Upper
142 100
141 90.3 70.8 106.2
115 36.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion:164 Resp: 126372
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 54.3 38.3 57.5

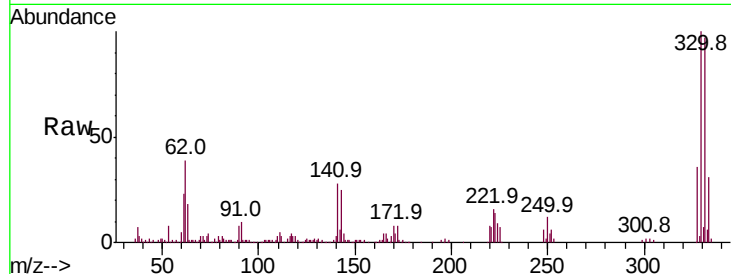




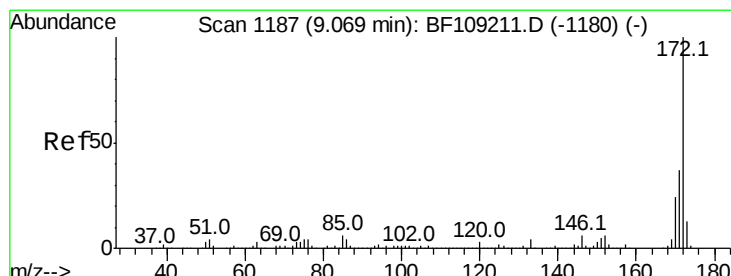
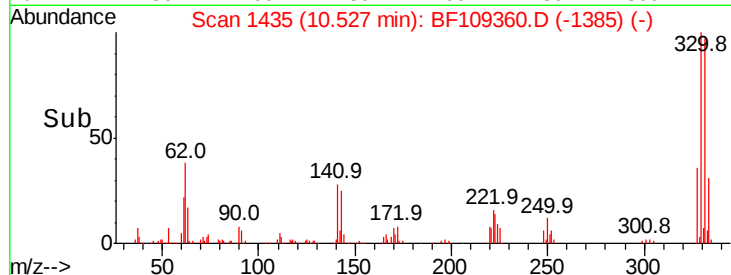
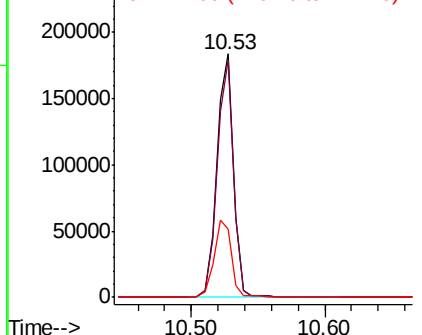
#41
 2,4,6-Tribromophenol
 Concen: 129.541 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109360.D
 Acq: 27 Sep 2018 2:18

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW08-GW

Tot Ion:330 Resp: 161378
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.3 29.9 44.9

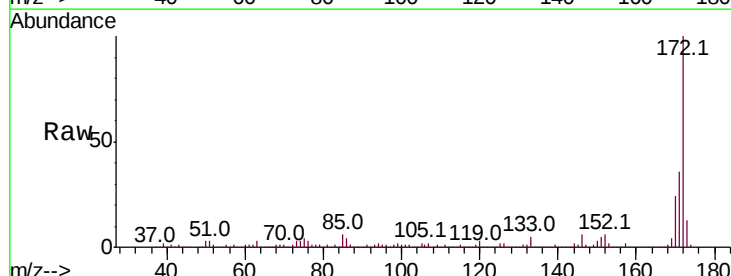


Abundance Ion 329.80 (329.50 to 330.50): E
 250000 Ion 331.80 (331.50 to 332.50): E
 200000 Ion 141.00 (140.70 to 141.70): E

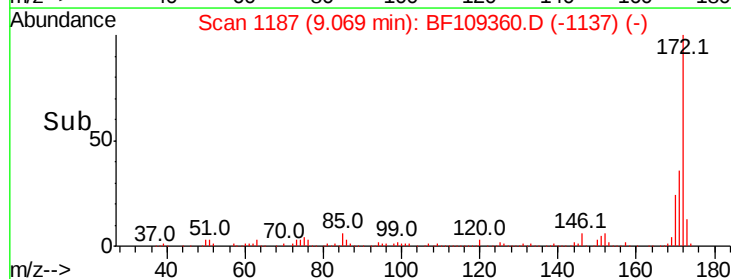
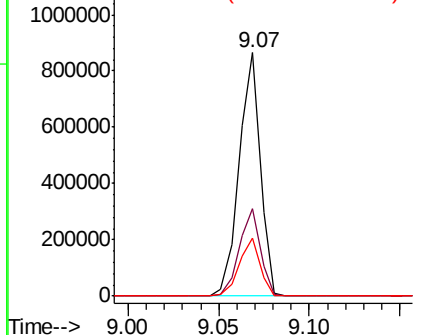


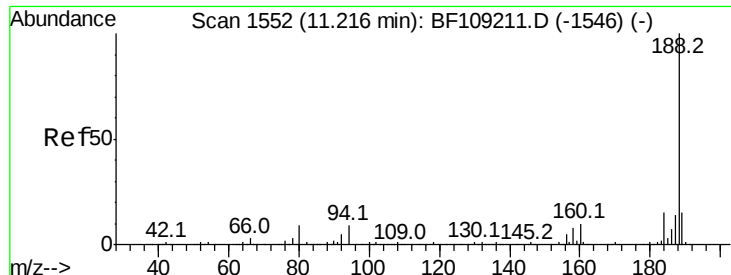
#44
 2-Fluorobiphenyl
 Concen: 84.073 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109360.D
 Acq: 27 Sep 2018 2:18

Tgt Ion:172 Resp: 704447
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.8 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 1200000 Ion 171.00 (170.70 to 171.70): E
 1000000 Ion 170.00 (169.70 to 170.70): E

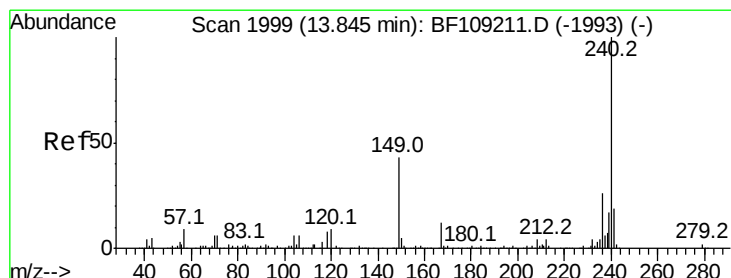
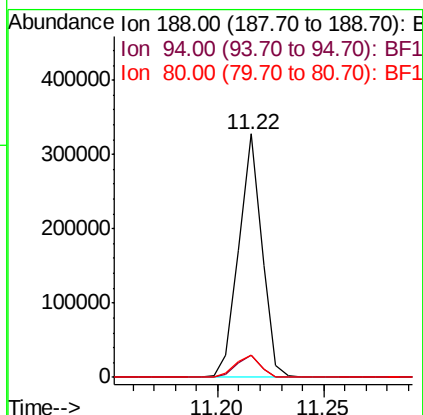
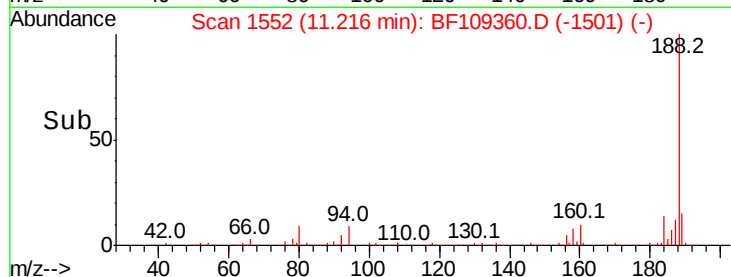
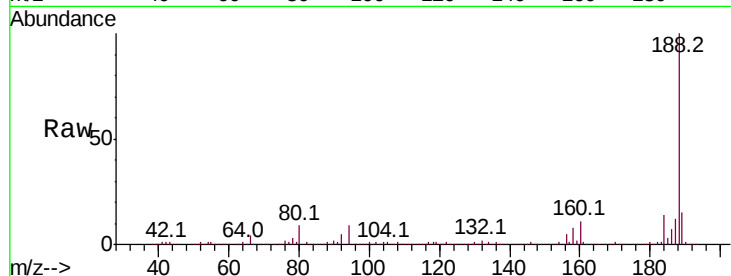




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

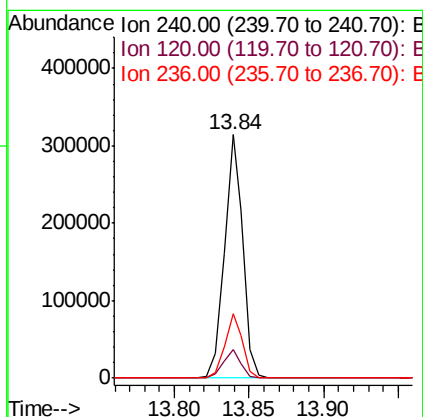
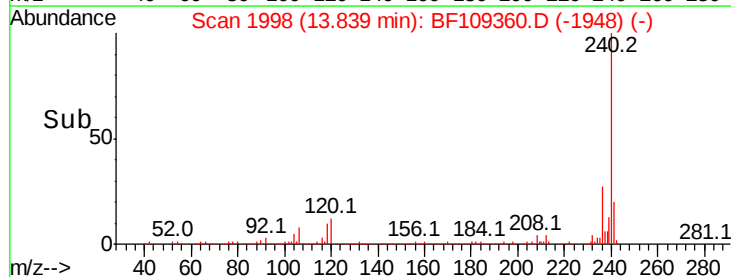
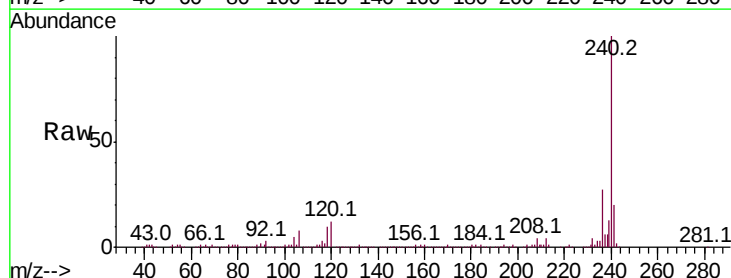
Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

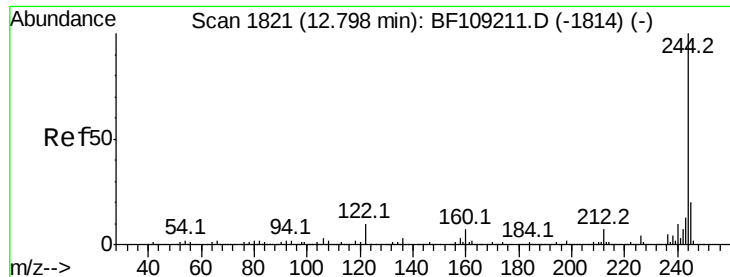
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109360.D
Acq: 27 Sep 2018 2:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.5	20.7	31.1





#78

Terphenyl-d14

Concen: 71.145 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109360.D

Acq: 27 Sep 2018 2:18

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW08-GW

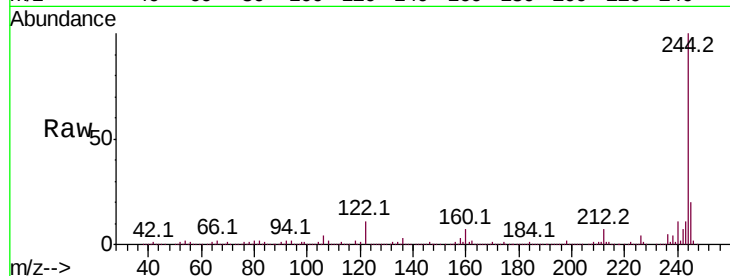
Tot Ion:244 Resp: 788648

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

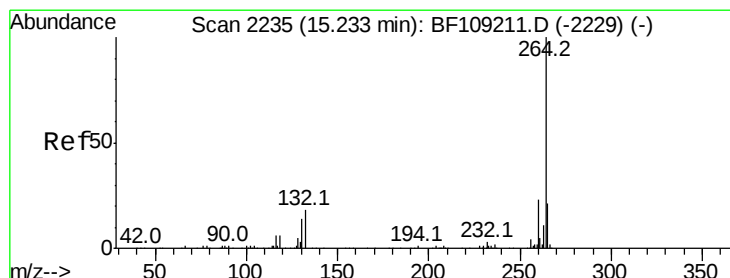
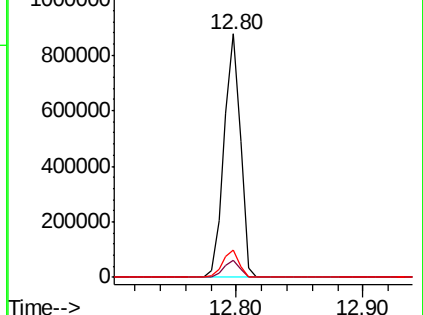
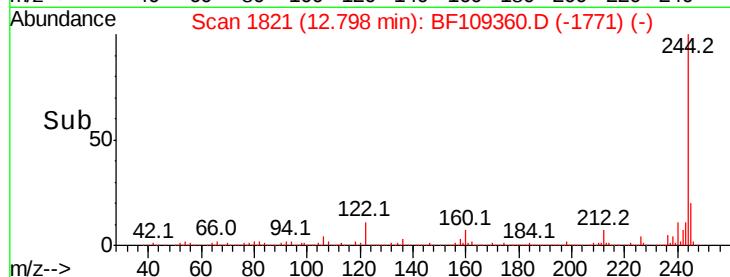
122 11.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109360.D

Acq: 27 Sep 2018 2:18

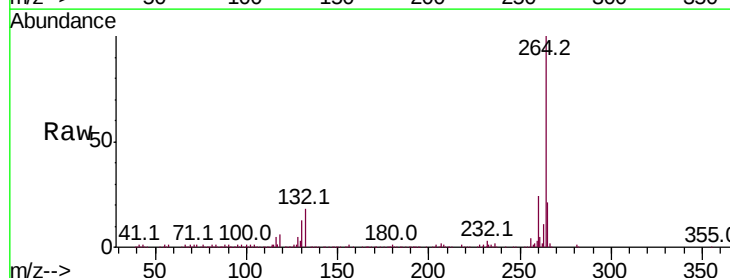
Tgt Ion:264 Resp: 224391

Ion Ratio Lower Upper

264 100

260 23.8 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

