

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109362.D
 Acq On : 27 Sep 2018 3:10
 Operator : JU/SJ
 Sample : J5053-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW11-GW

Quant Time: Sep 27 07:38:28 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	6.70	152	89392	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	318900	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	134958	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	256546	20.00	ng	0.00
75) Chrysene-d12	13.84	240	283902	20.00	ng	0.00
86) Perylene-d12	15.24	264	251127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	300825	55.43	ng	0.00
7) Phenol-d6	6.34	99	295169	42.62	ng	-0.02
23) Nitrobenzene-d5	7.27	82	458184	84.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	165376	124.30	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	782343	87.43	ng	-0.01
78) Terphenyl-d14	12.80	244	837970	72.44	ng	0.00

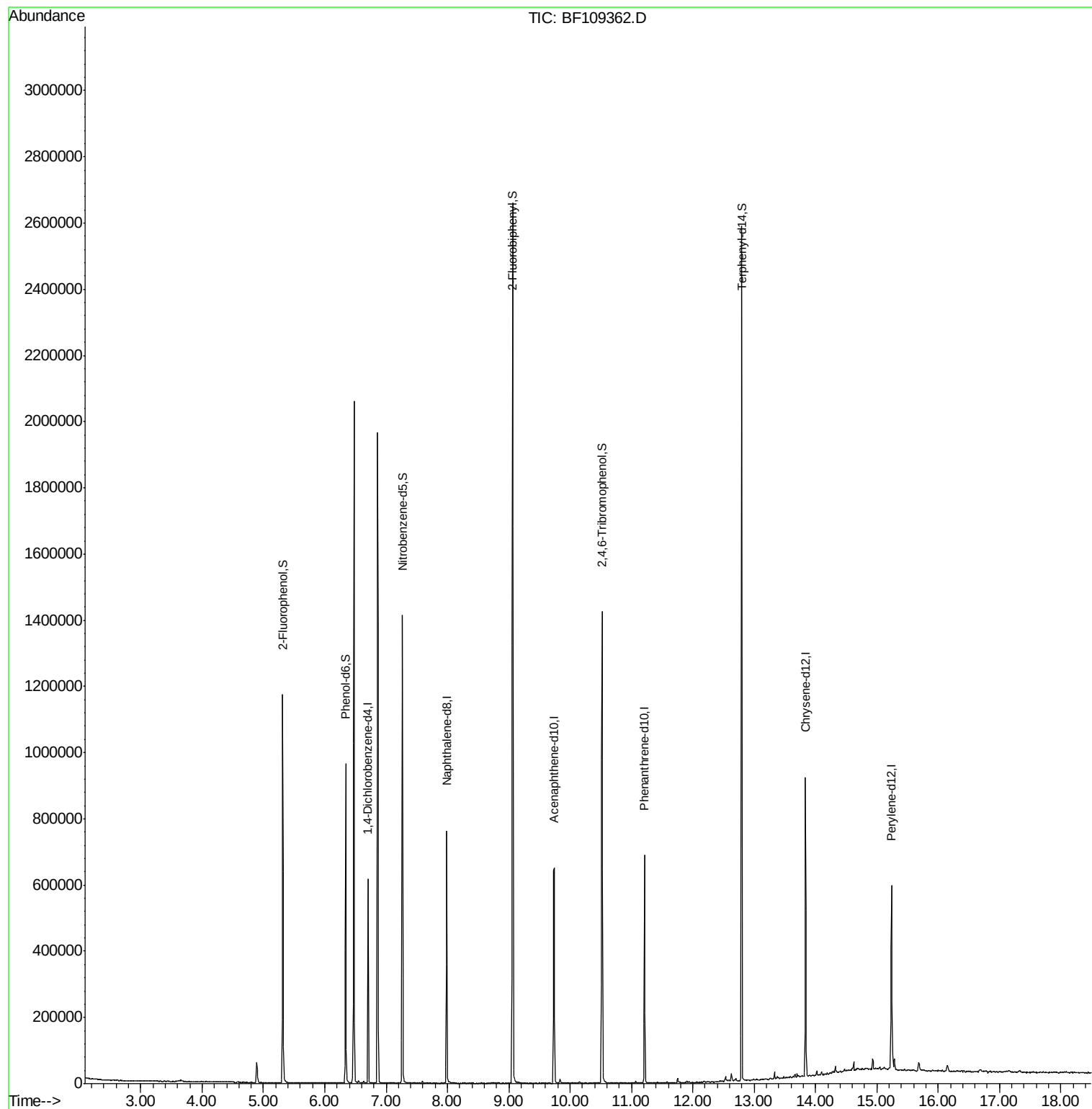
Target Compounds Qvalue

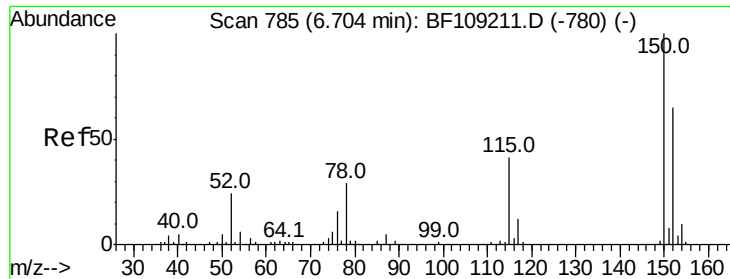
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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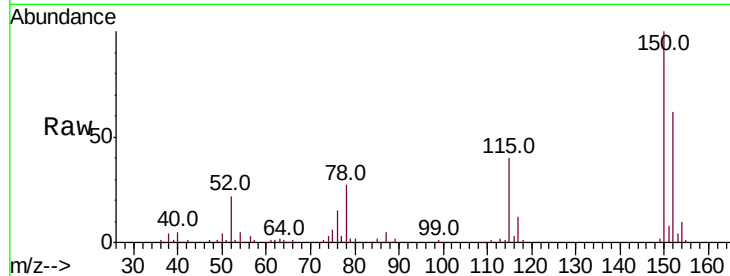


#1

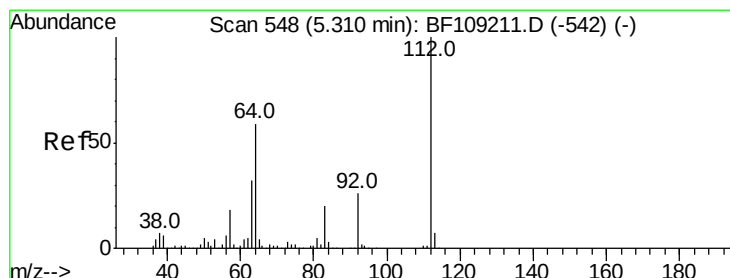
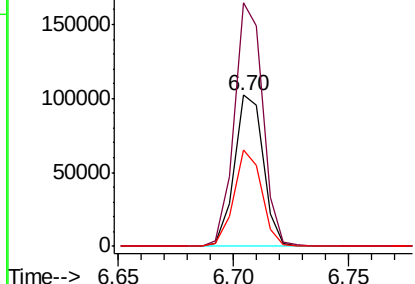
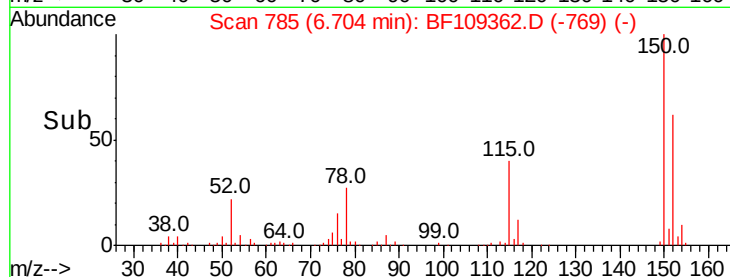
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109362.D
 Acq: 27 Sep 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW11-GW

Tot Ion:152 Resp: 89392
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.6 186.8
 115 63.7 50.1 75.1



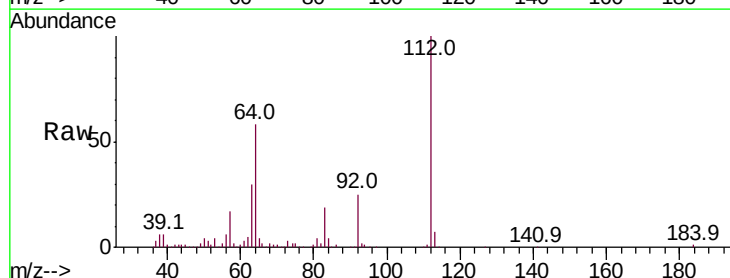
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



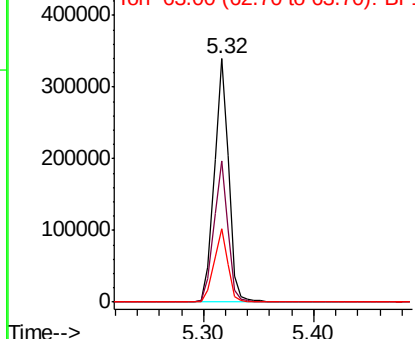
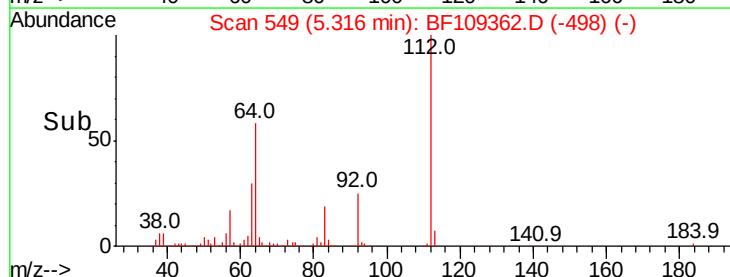
#5

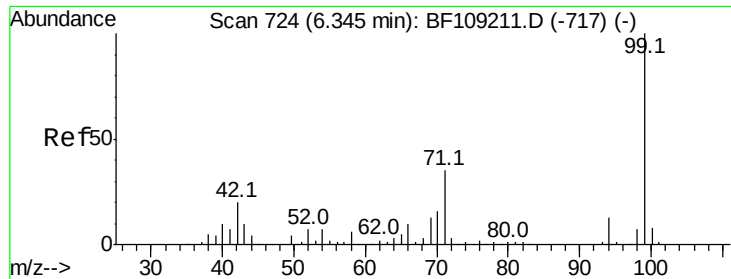
2-Fluorophenol
 Concen: 55.428 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109362.D
 Acq: 27 Sep 2018 3:10

Tgt Ion:112 Resp: 300825
 Ion Ratio Lower Upper
 112 100
 64 57.8 47.9 71.9
 63 30.4 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: 42.621 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109362.D

Acq: 27 Sep 2018 3:10

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW11-GW

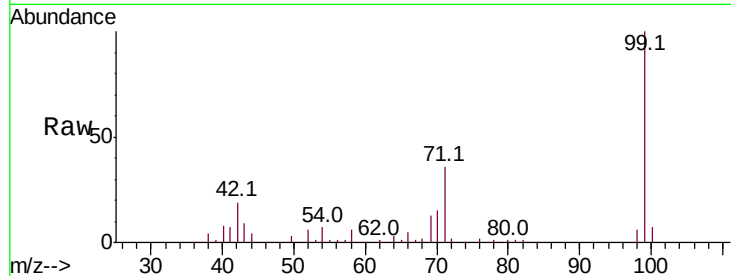
Tot Ion: 99 Resp: 295169

Ion Ratio Lower Upper

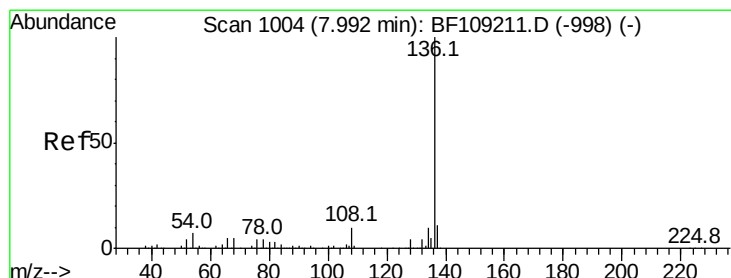
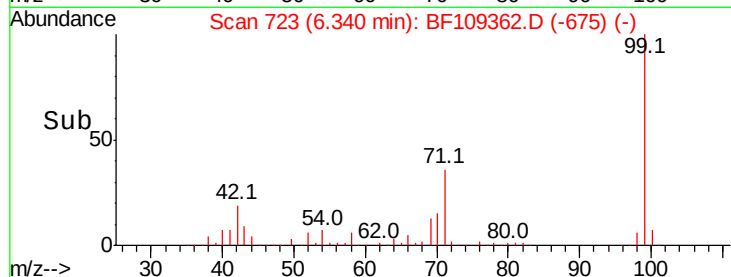
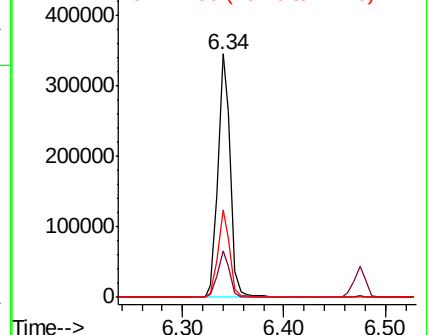
99 100

42 19.2 14.5 21.7

71 35.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109362.D

Acq: 27 Sep 2018 3:10

Tgt Ion: 136 Resp: 318900

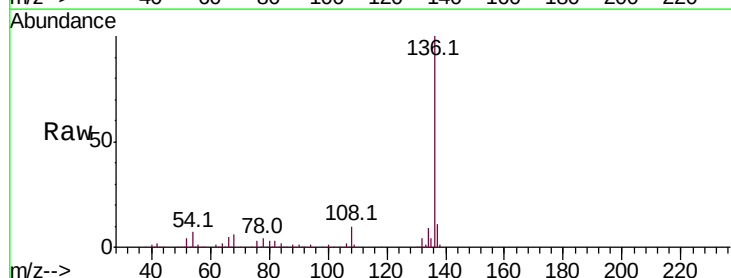
Ion Ratio Lower Upper

136 100

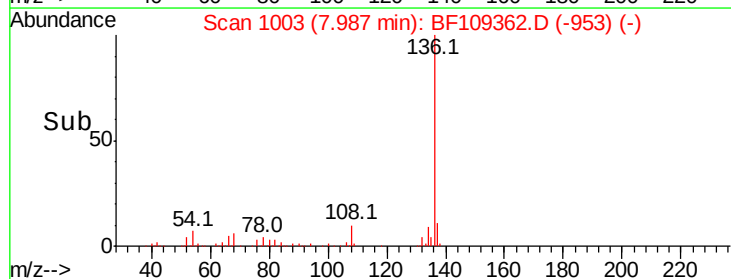
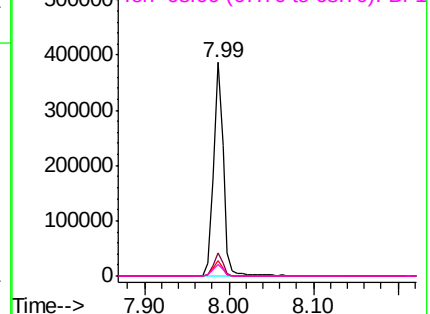
137 10.9 8.9 13.3

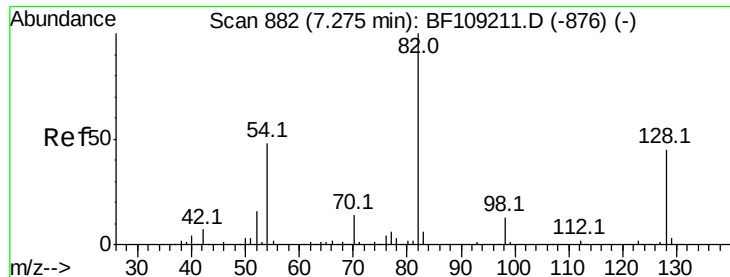
54 7.0 6.6 9.8

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

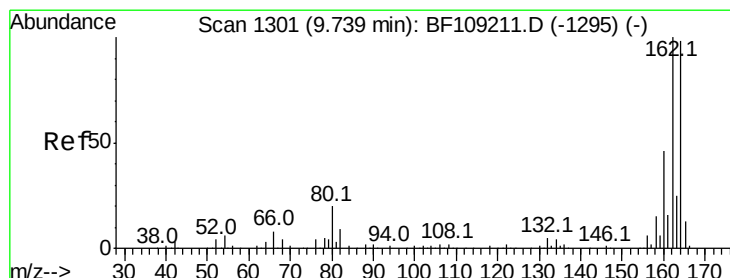
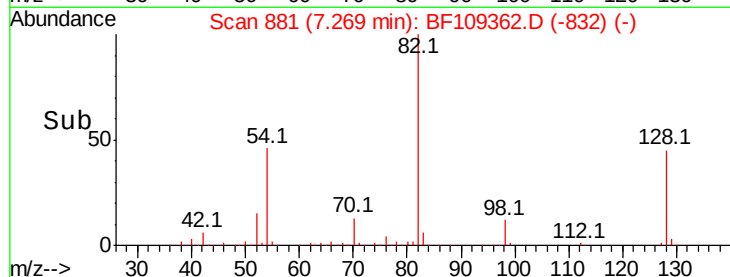
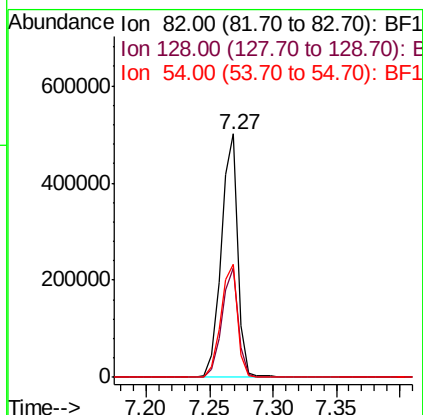
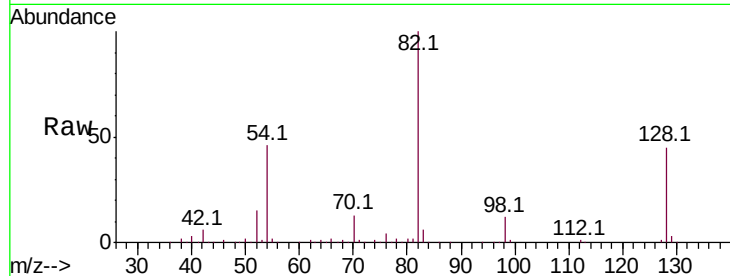




#23
 Nitrobenzene-d5
 Concen: 84.814 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109362.D
 Acq: 27 Sep 2018 3:10

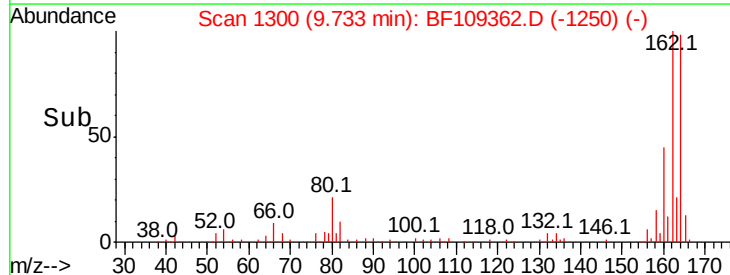
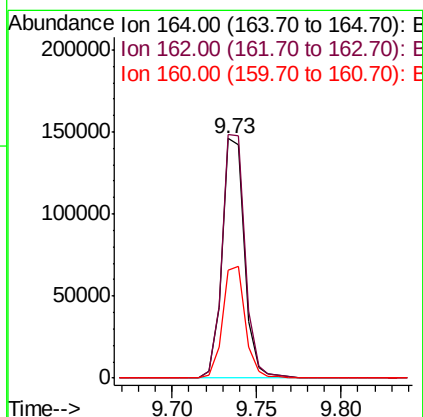
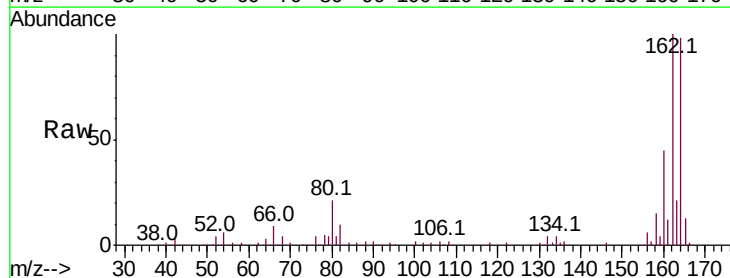
Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW11-GW

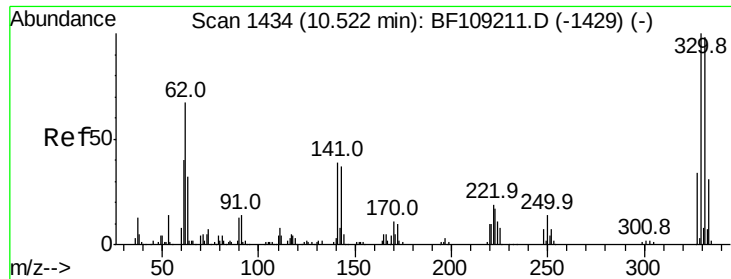
Tot Ion: 82 Resp: 458184
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 46.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109362.D
 Acq: 27 Sep 2018 3:10

Tgt Ion: 164 Resp: 134958
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 45.4 38.3 57.5

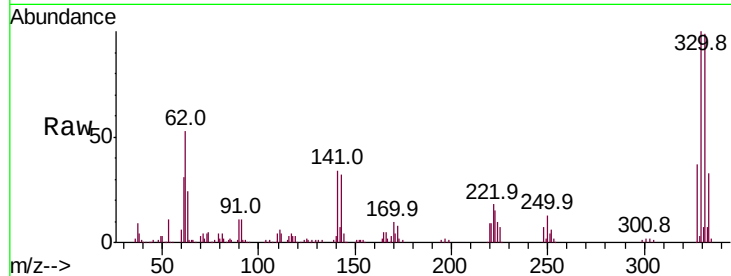




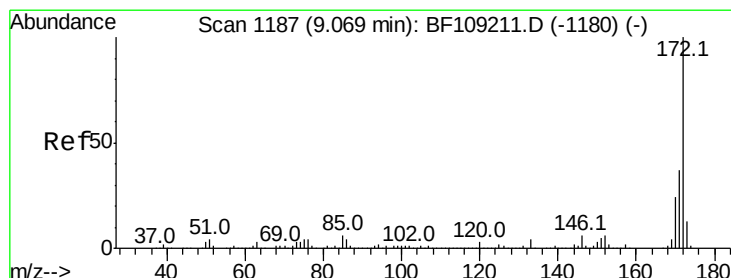
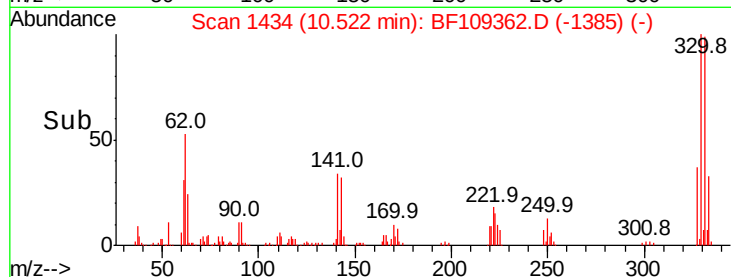
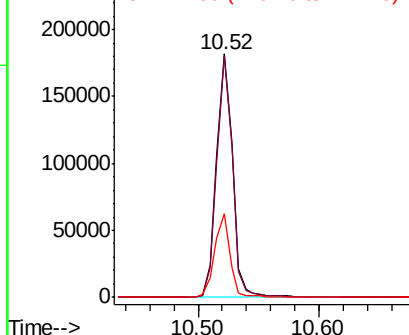
#41
 2,4,6-Tribromophenol
 Concen: 124.305 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109362.D
 Acq: 27 Sep 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW11-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.7	29.9	44.9

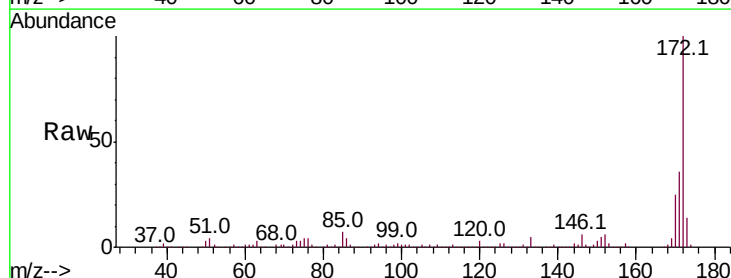


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

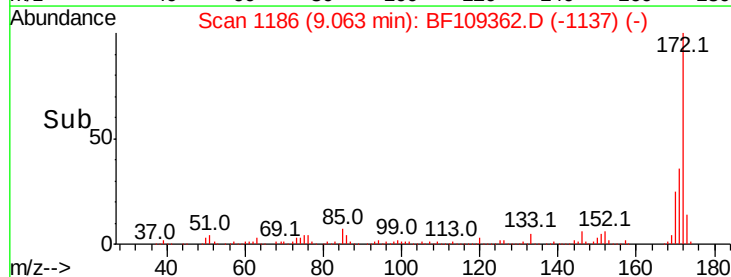
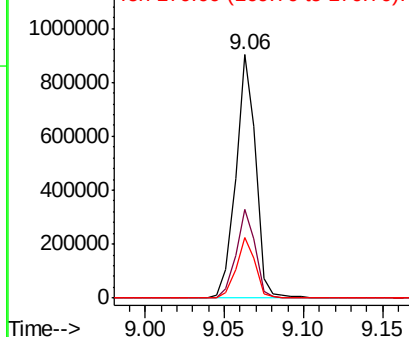


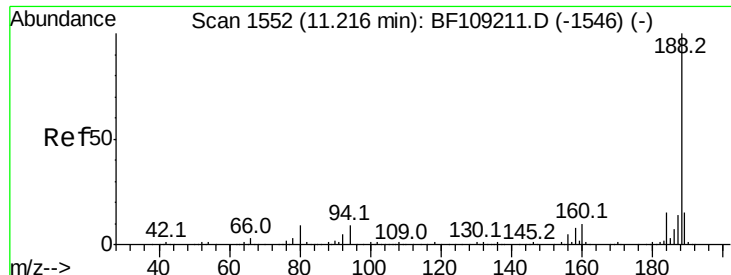
#44
 2-Fluorobiphenyl
 Concen: 87.429 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109362.D
 Acq: 27 Sep 2018 3:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	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

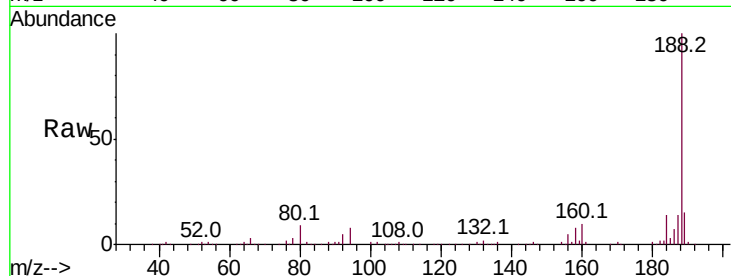




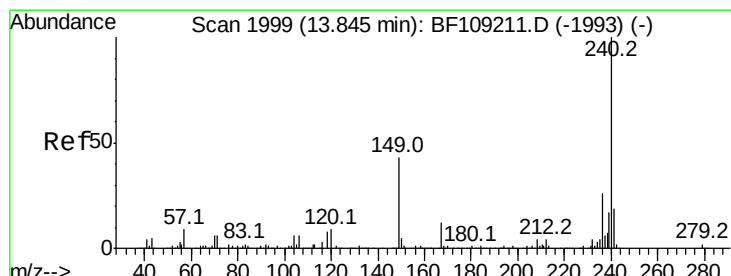
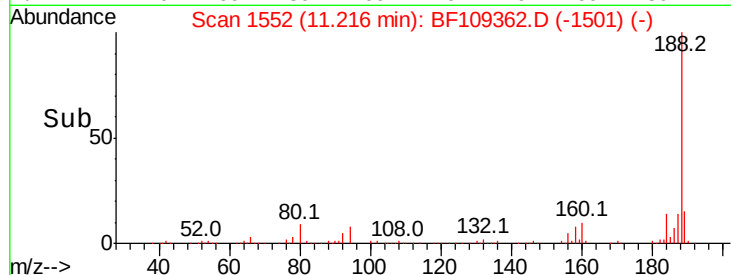
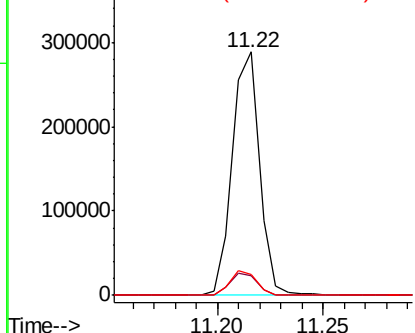
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.6	9.2	13.8#

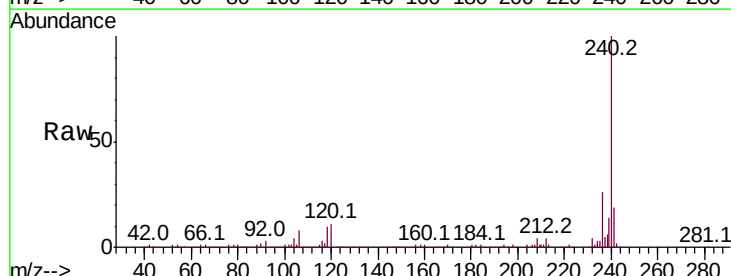


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

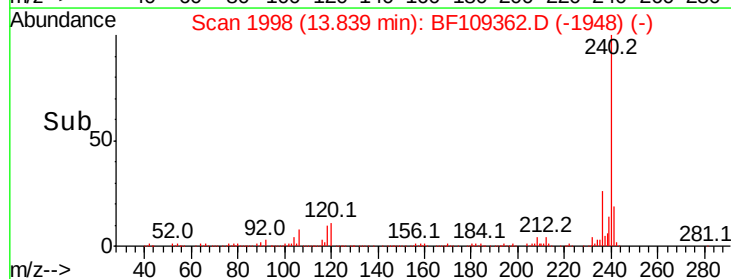
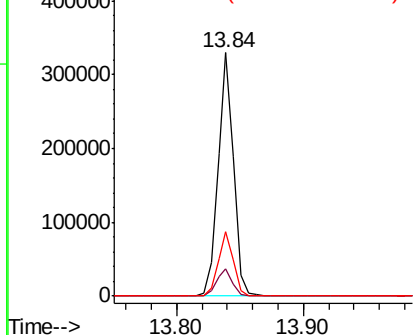


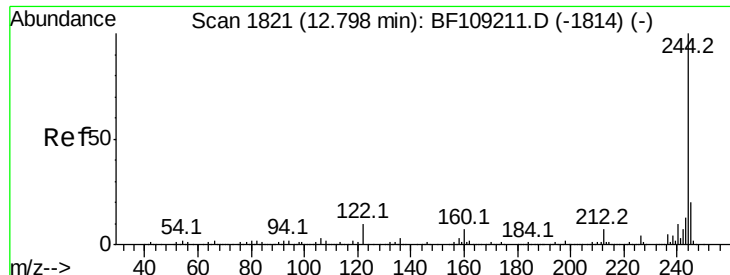
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.3	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





#78

Terphenyl-d14

Concen: 72.438 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109362.D

Acq: 27 Sep 2018 3:10

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW11-GW

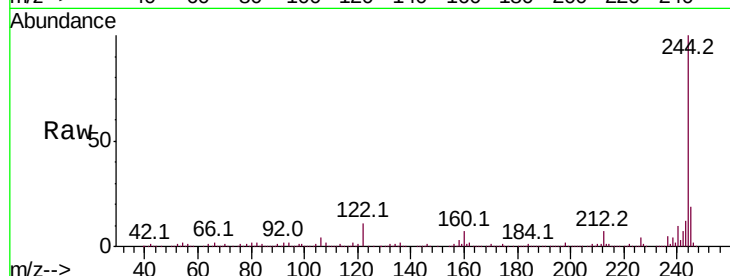
Tot Ion:244 Resp: 837970

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

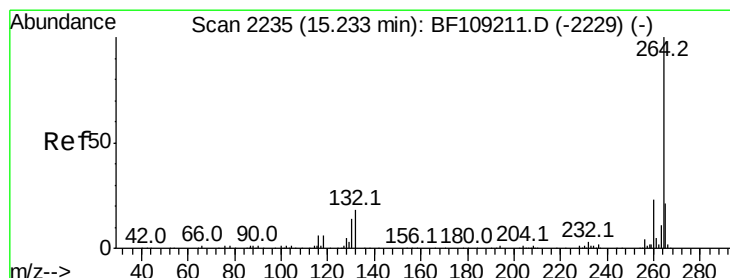
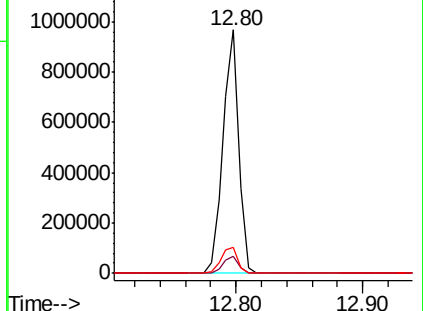
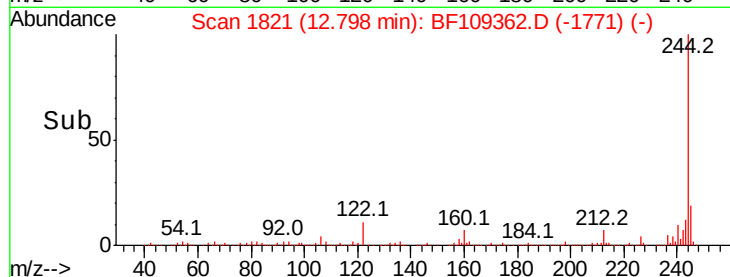
122 10.5 11.0 16.4#



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: BF109362.D

Acq: 27 Sep 2018 3:10

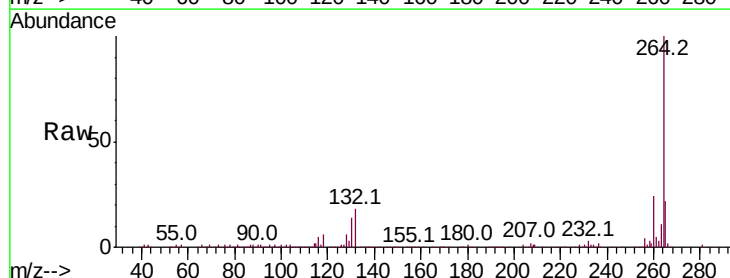
Tgt Ion:264 Resp: 251127

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.9 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

