

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109470.D
 Acq On : 29 Sep 2018 9:55
 Operator : JU/SJ
 Sample : PB113313BL
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BL

Quant Time: Oct 01 04:06:22 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	108965	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	412355	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	199034	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	374869	20.00	ng	0.00
75) Chrysene-d12	13.84	240	219936	20.00	ng	0.00
86) Perylene-d12	15.24	264	212044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	568616	85.95	ng	0.01
7) Phenol-d6	6.35	99	735602	87.14	ng	-0.01
23) Nitrobenzene-d5	7.27	82	663195	94.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	162055	82.59	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1196133	90.64	ng	0.00
78) Terphenyl-d14	12.80	244	1108241	123.66	ng	0.00

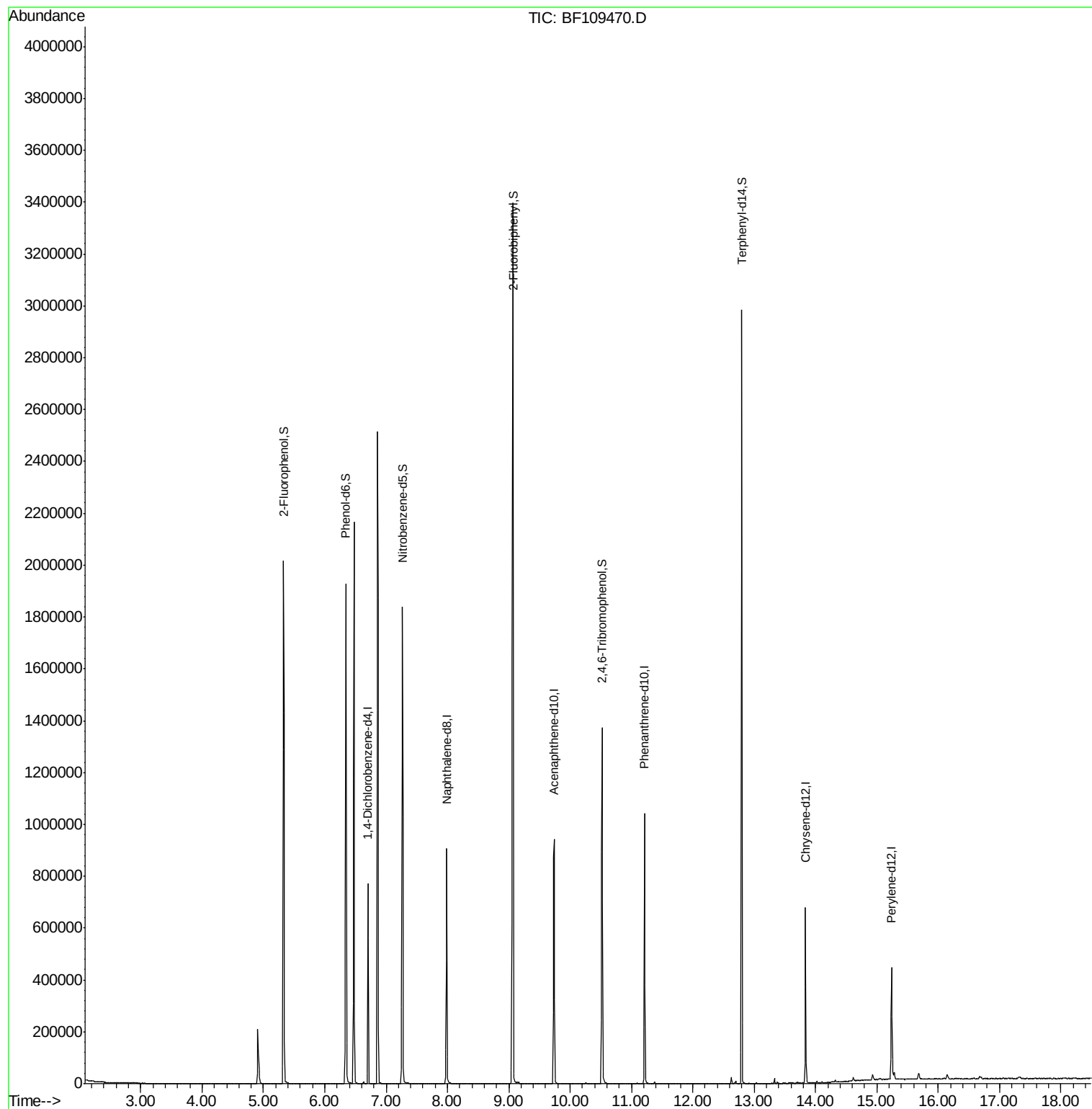
Target Compounds Qvalue

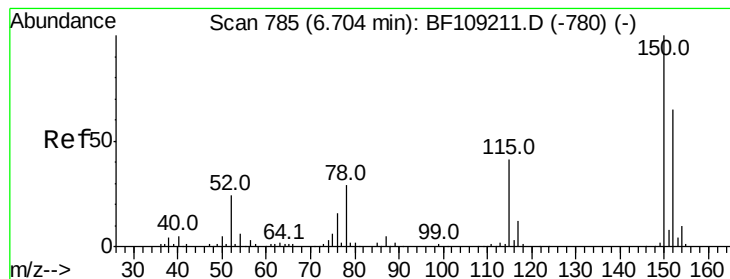
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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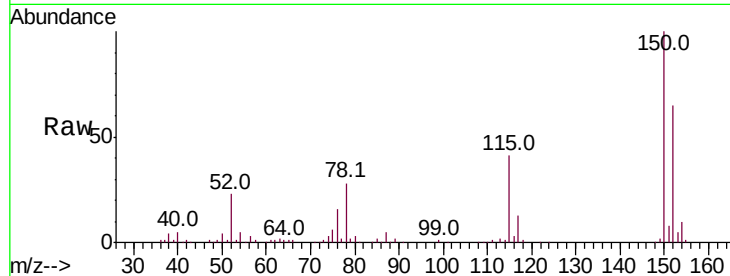


#1

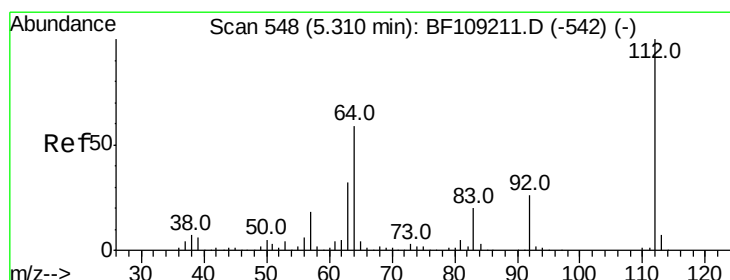
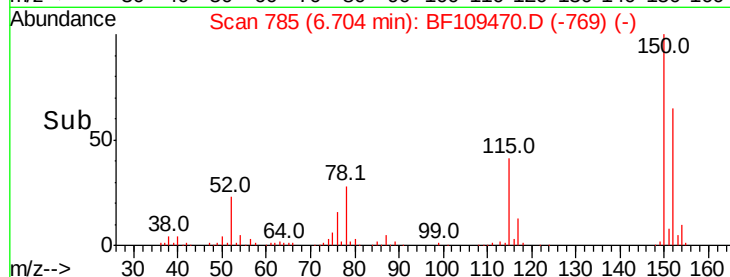
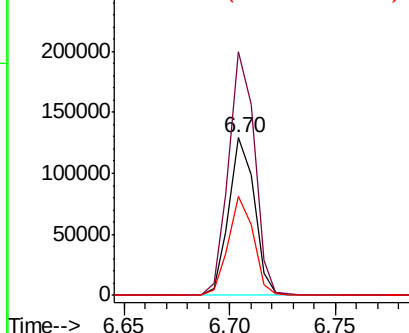
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

Instrument :
BNA_F
ClientSampleId :
PB113313BL

Tot Ion:152 Resp: 108965
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 62.7 50.1 75.1



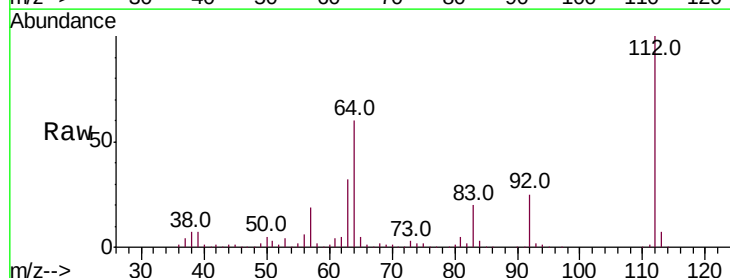
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



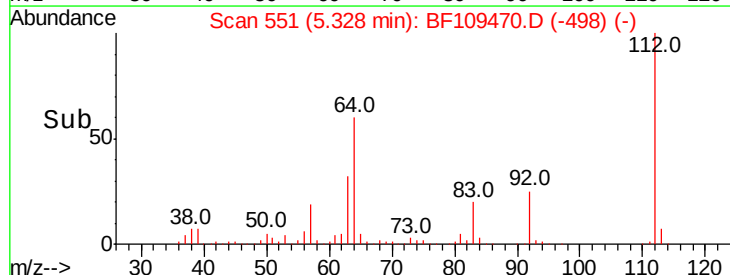
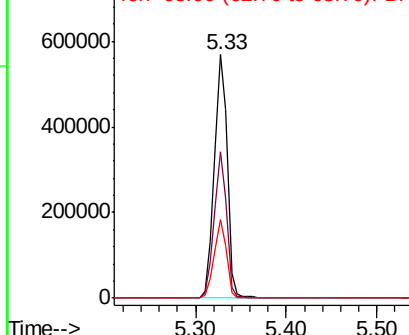
#5

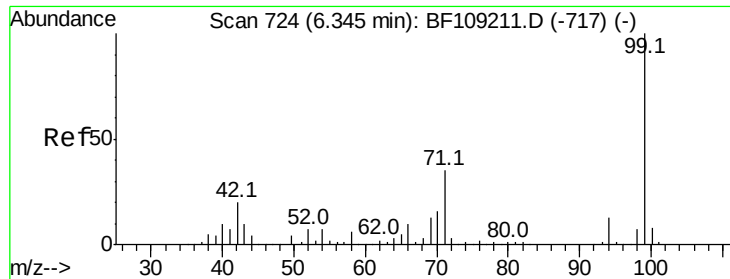
2-Fluorophenol
Concen: 85.950 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

Tgt Ion:112 Resp: 568616
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 32.1 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: 87.138 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109470.D

Acq: 29 Sep 2018 9:55

Instrument :

BNA_F

ClientSampleId :

PB113313BL

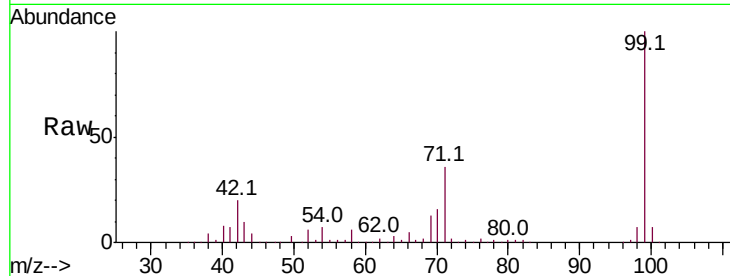
Tot Ion: 99 Resp: 735602

Ion Ratio Lower Upper

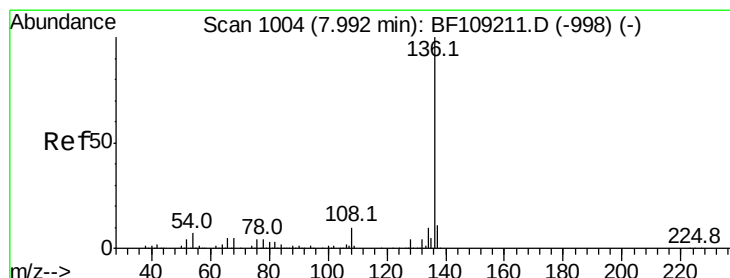
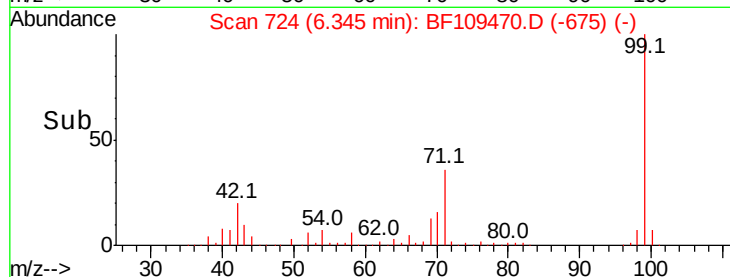
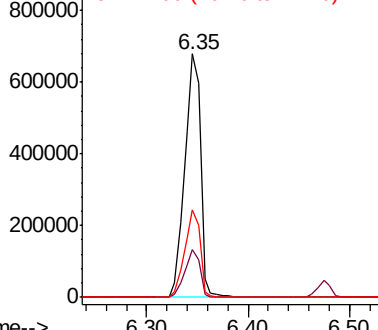
99 100

42 19.7 14.5 21.7

71 36.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109470.D

Acq: 29 Sep 2018 9:55

Tgt Ion: 136 Resp: 412355

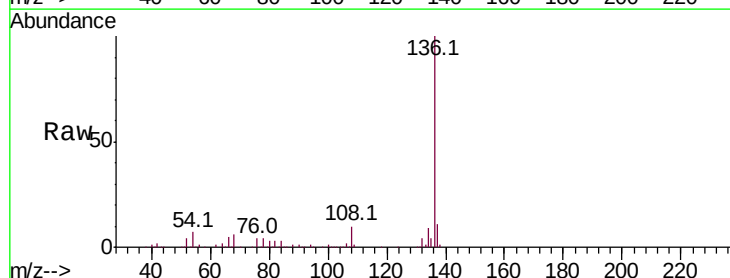
Ion Ratio Lower Upper

136 100

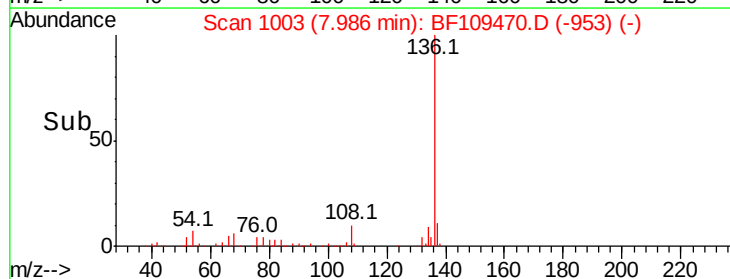
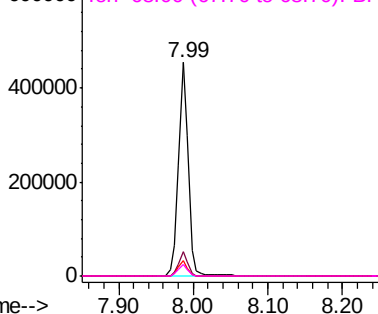
137 11.3 8.9 13.3

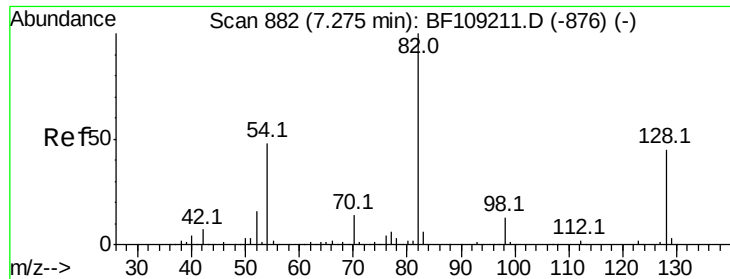
54 7.1 6.6 9.8

68 5.6 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

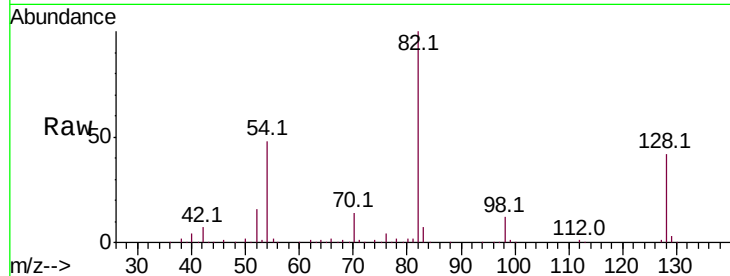




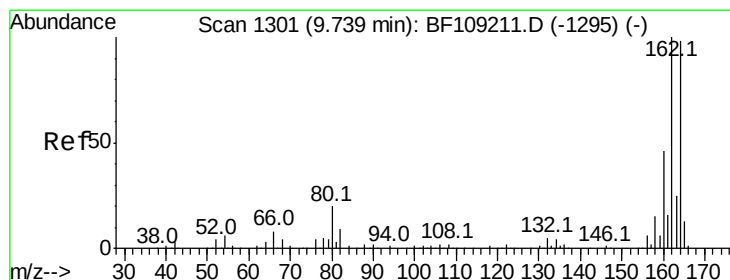
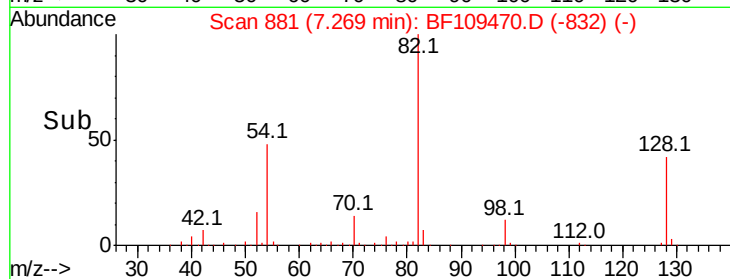
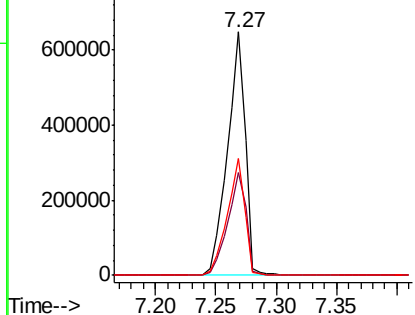
#23
 Nitrobenzene-d5
 Concen: 94.941 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109470.D
 Acq: 29 Sep 2018 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BL

Tot Ion	82	Resp	663195
Ion Ratio	Lower	Upper	
82	100		
128	42.2	36.1	54.1
54	48.1	41.4	62.2

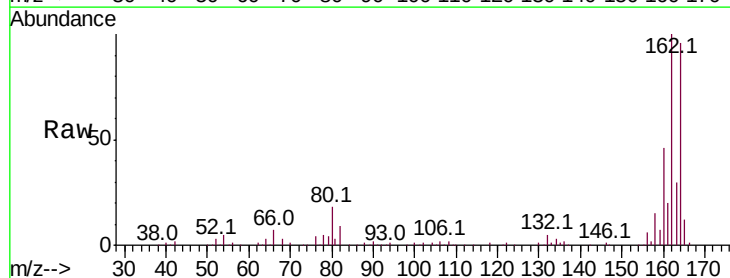


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

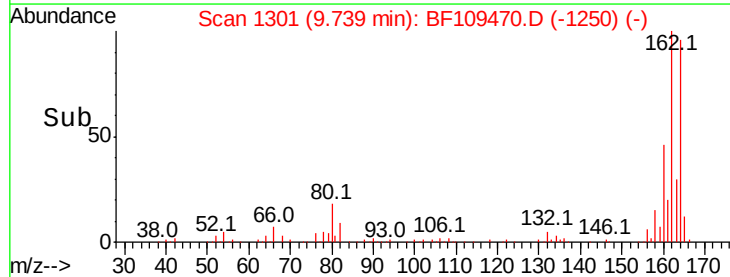
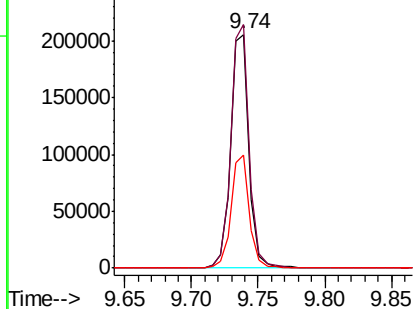


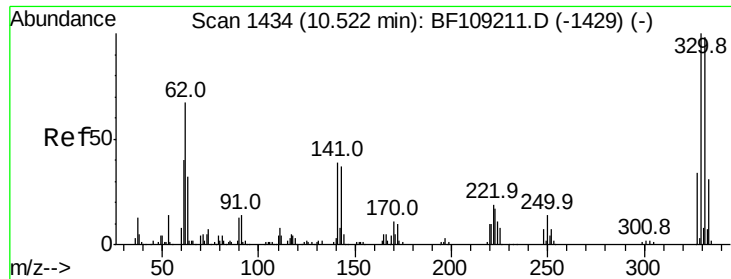
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109470.D
 Acq: 29 Sep 2018 9:55

Tgt Ion	164	Resp	199034
Ion Ratio	Lower	Upper	
164	100		
162	104.2	86.1	129.1
160	48.2	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

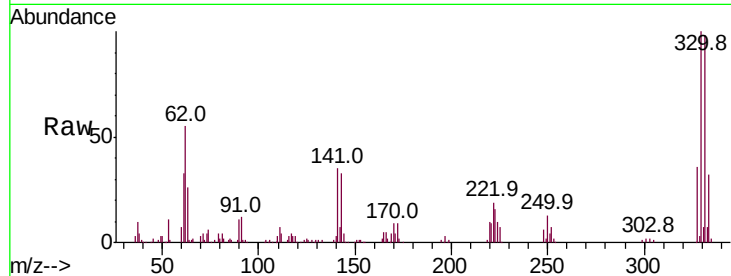




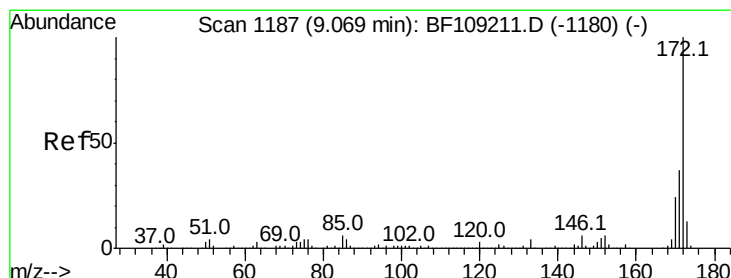
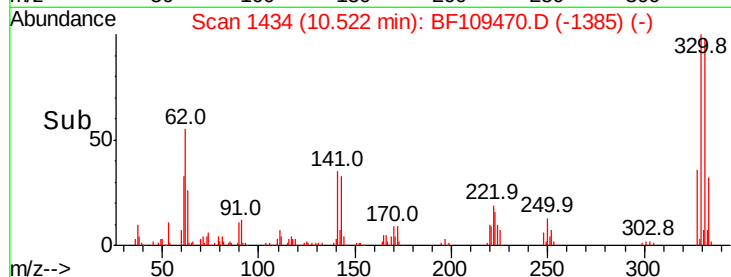
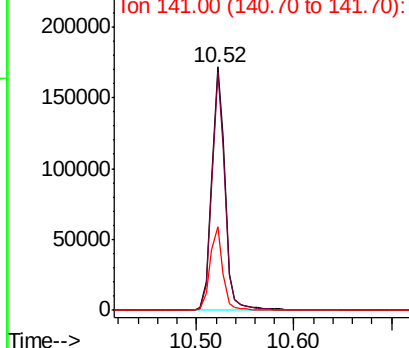
#41
 2,4,6-Tribromophenol
 Concen: 82.594 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109470.D
 Acq: 29 Sep 2018 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.2	29.9	44.9

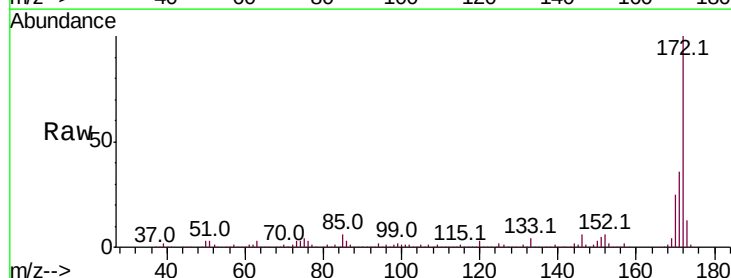


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

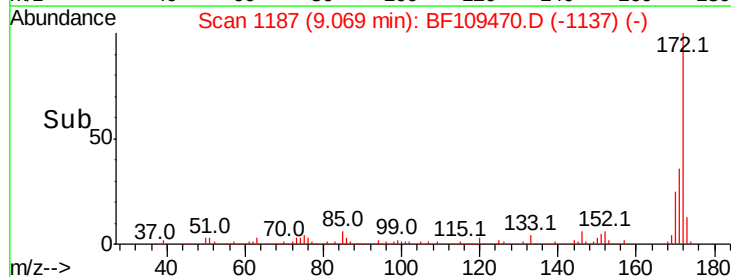
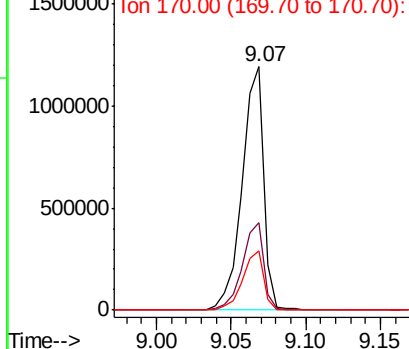


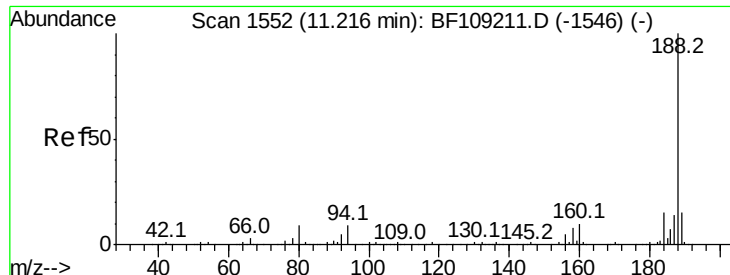
#44
 2-Fluorobiphenyl
 Concen: 90.638 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109470.D
 Acq: 29 Sep 2018 9:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

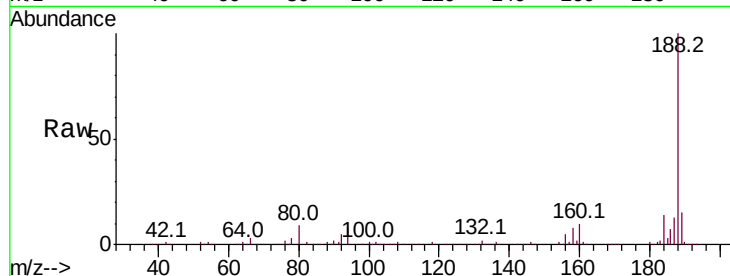




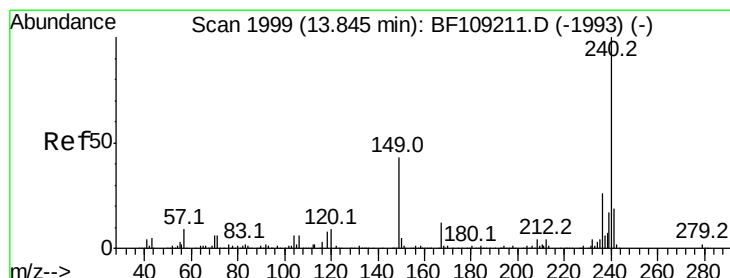
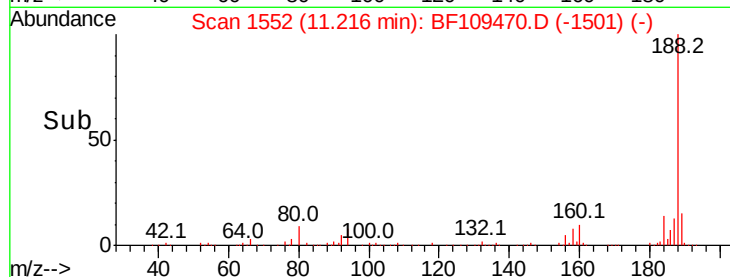
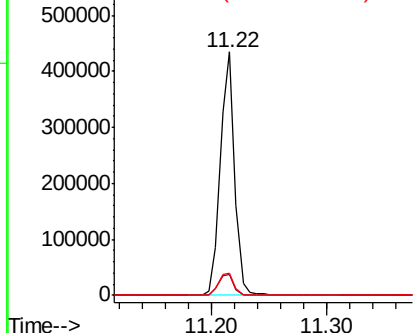
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

Instrument :
BNA_F
ClientSampleId :
PB113313BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.0	9.2	13.8#

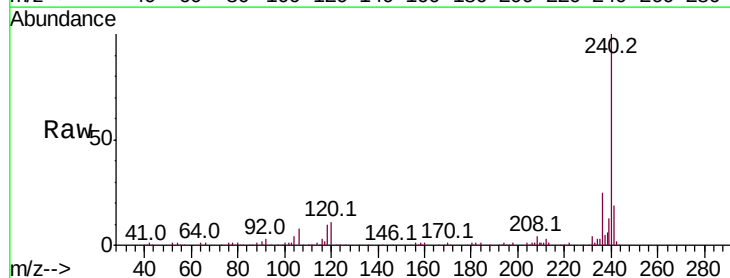


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

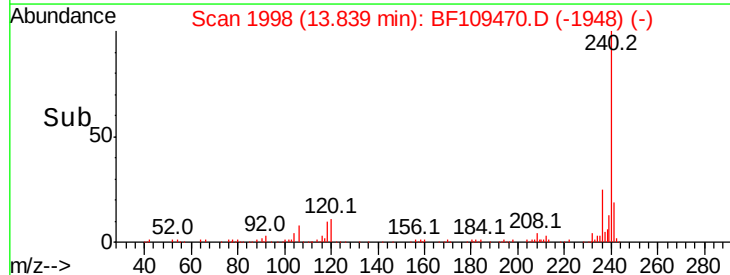
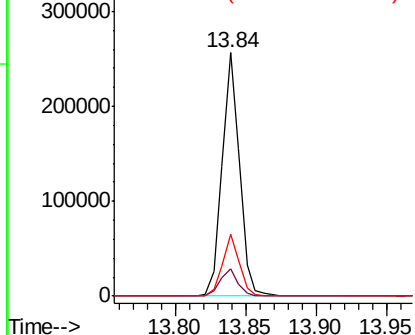


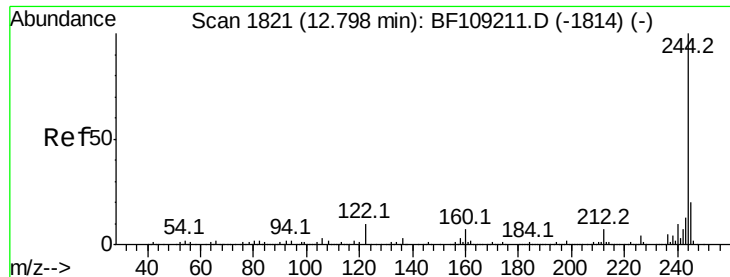
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	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





#78

Terphenyl-d14

Concen: 123.663 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109470.D

Acq: 29 Sep 2018 9:55

Instrument :

BNA_F

ClientSampleId :

PB113313BL

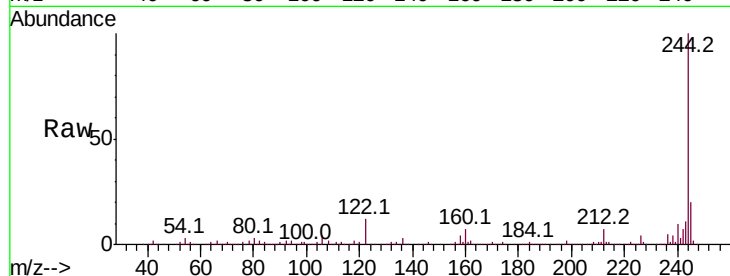
Tot Ion:244 Resp: 1108241

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

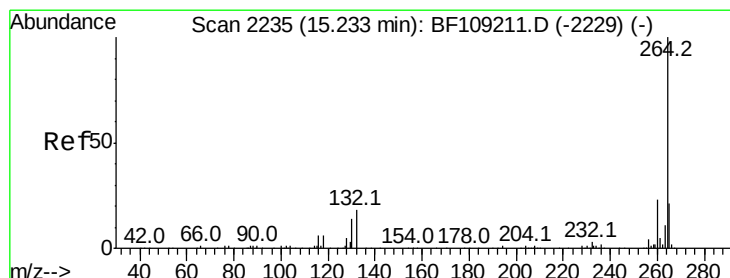
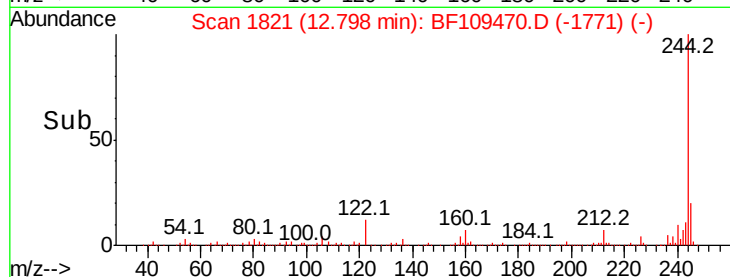
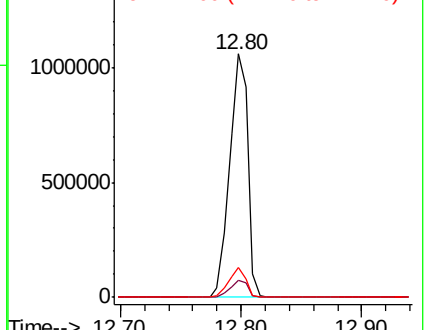
122 12.4 11.0 16.4



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# 2237

Delta R.T. 0.01 min

Lab File: BF109470.D

Acq: 29 Sep 2018 9:55

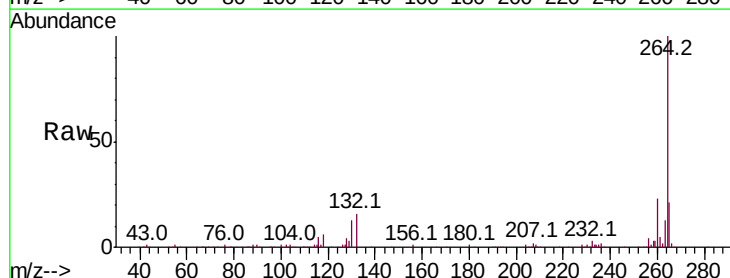
Tgt Ion:264 Resp: 212044

Ion Ratio Lower Upper

264 100

260 23.5 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

