

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109377.D
 Acq On : 27 Sep 2018 9:45
 Operator : JU/SJ
 Sample : PB113192BL
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BL

Quant Time: Sep 27 11:49:00 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	111910	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	413925	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	189658	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	322921	20.00	ng	0.00
75) Chrysene-d12	13.84	240	279057	20.00	ng	0.00
86) Perylene-d12	15.24	264	238072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	648800	95.49	ng	0.01
7) Phenol-d6	6.35	99	829330	95.66	ng	-0.01
23) Nitrobenzene-d5	7.27	82	769577	109.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	193734	103.62	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1319977	104.97	ng	0.00
78) Terphenyl-d14	12.80	244	1161379	102.14	ng	0.00

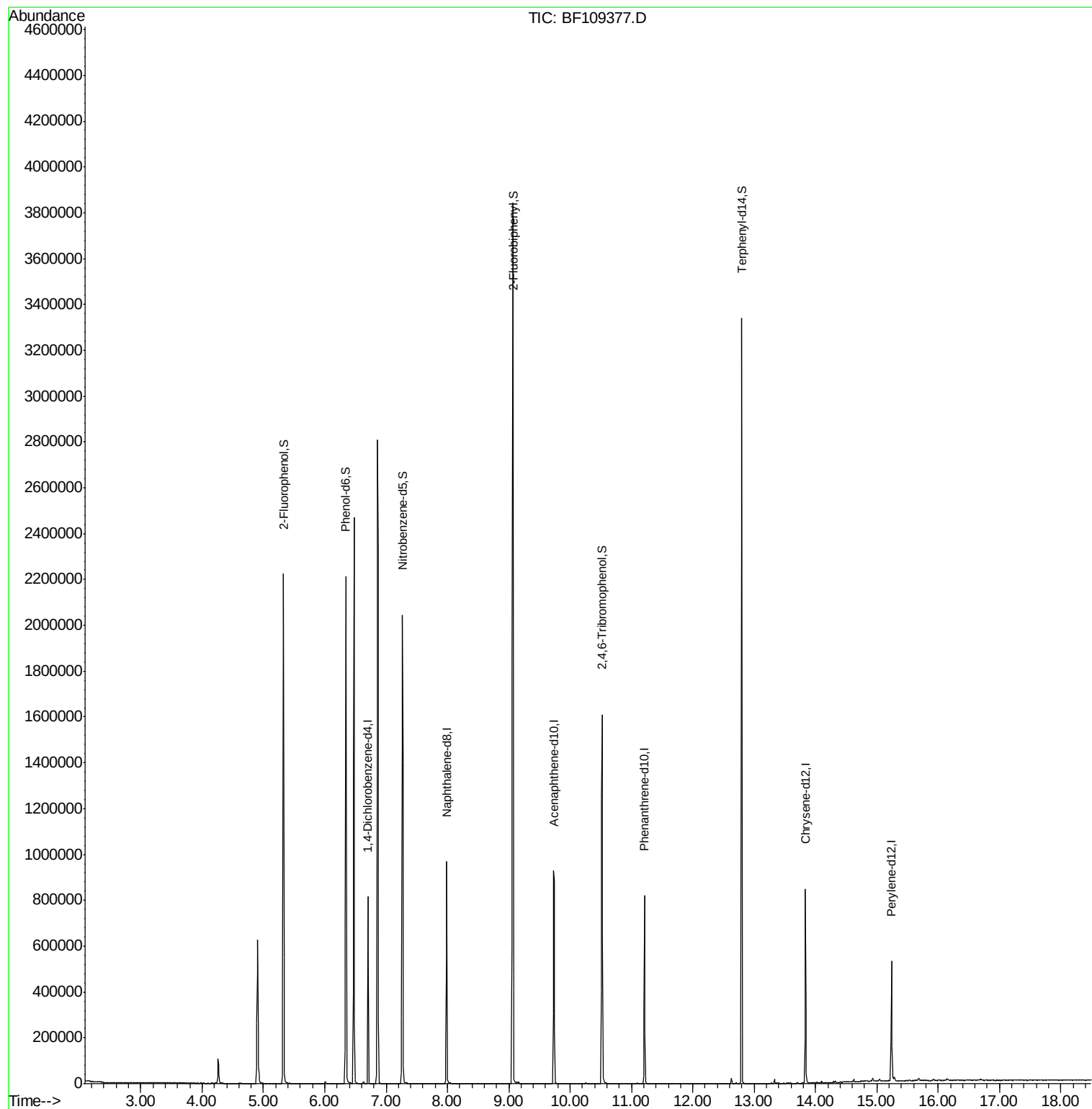
Target Compounds Qvalue

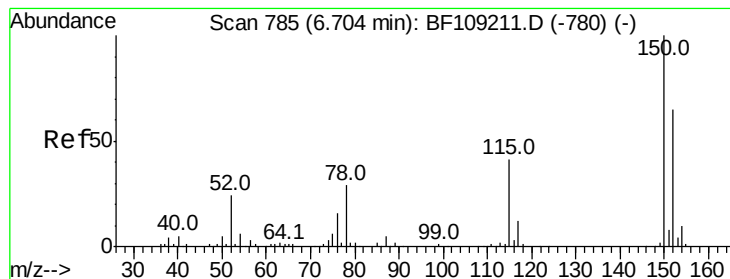
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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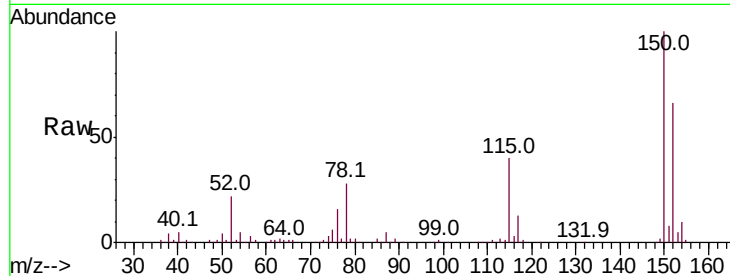


#1

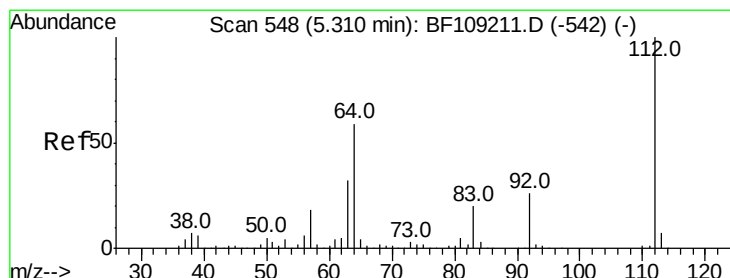
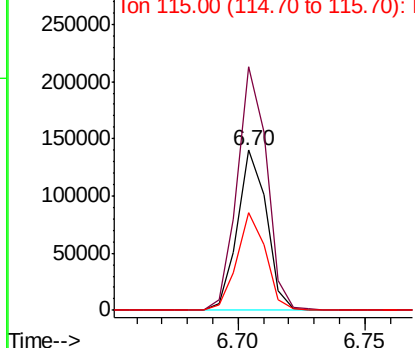
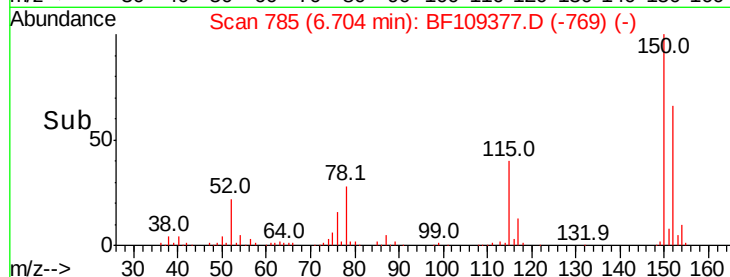
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109377.D
Acq: 27 Sep 2018 9:45

Instrument :
BNA_F
ClientSampled :
PB113192BL

Tot Ion:152 Resp: 111910
Ion Ratio Lower Upper
152 100
150 152.2 124.6 186.8
115 61.0 50.1 75.1



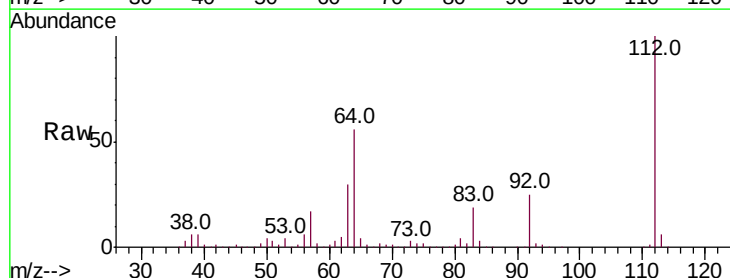
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



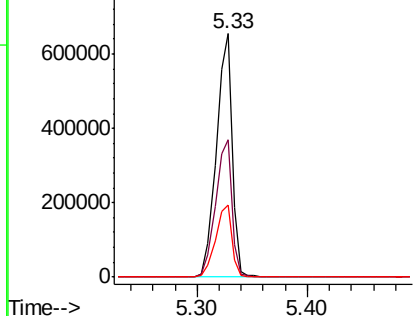
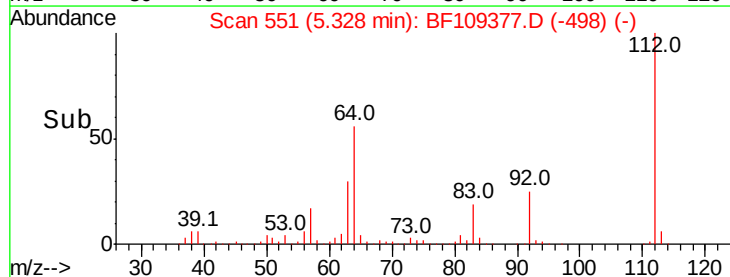
#5

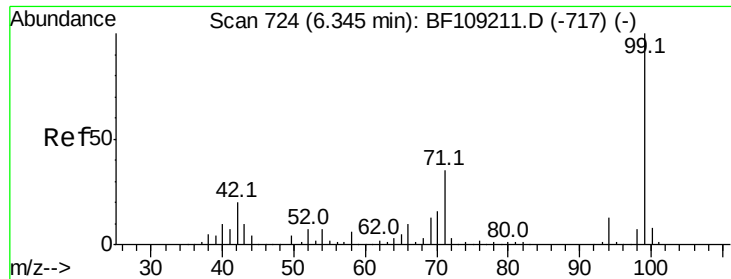
2-Fluorophenol
Concen: 95.490 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109377.D
Acq: 27 Sep 2018 9:45

Tgt Ion:112 Resp: 648800
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 29.8 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: 95.655 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

Instrument :

BNA_F

ClientSampleId :

PB113192BL

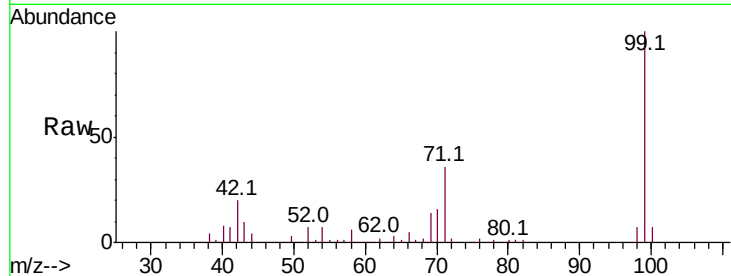
Tot Ion: 99 Resp: 829330

Ion Ratio Lower Upper

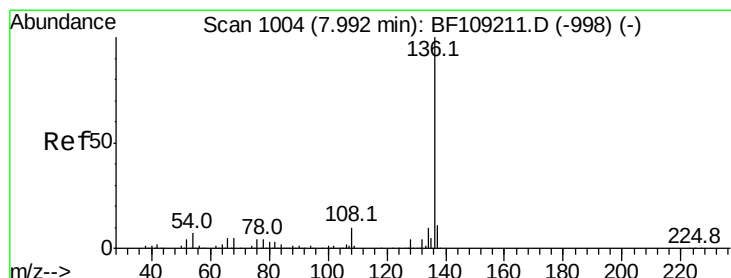
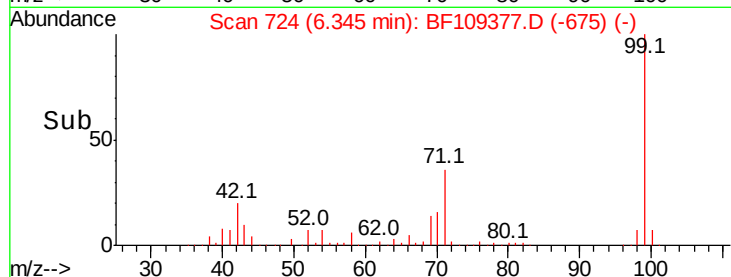
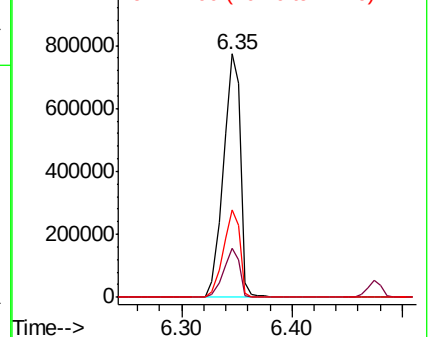
99 100

42 20.1 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: BF109377.D

Acq: 27 Sep 2018 9:45

Tgt Ion: 136 Resp: 413925

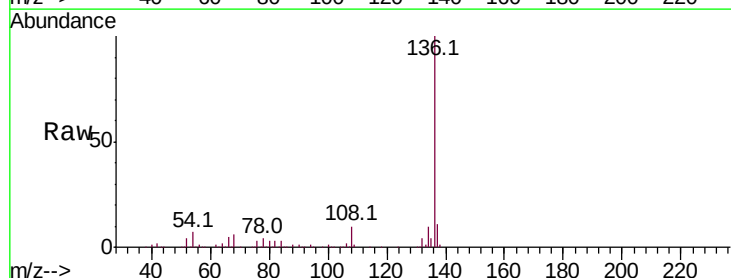
Ion Ratio Lower Upper

136 100

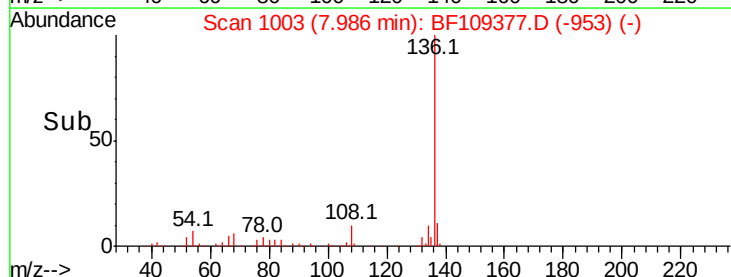
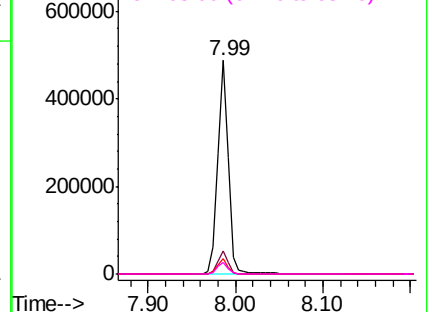
137 10.8 8.9 13.3

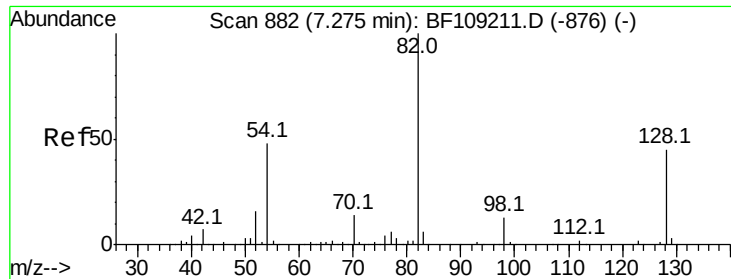
54 7.0 6.6 9.8

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

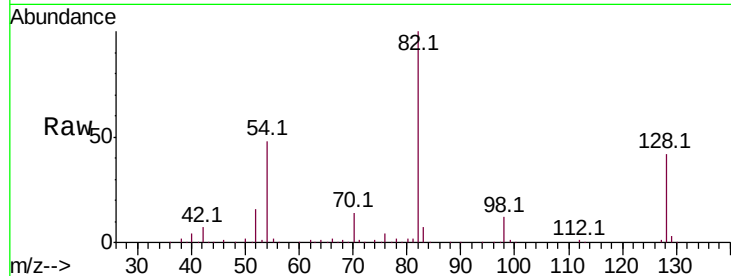




#23
 Nitrobenzene-d5
 Concen: 109.752 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BL

Tot Ion	82	Resp	769577
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	48.1	41.4	62.2

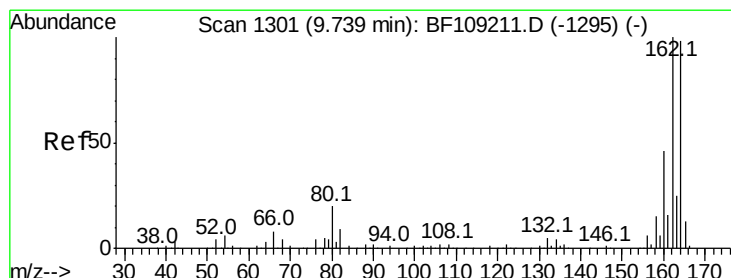
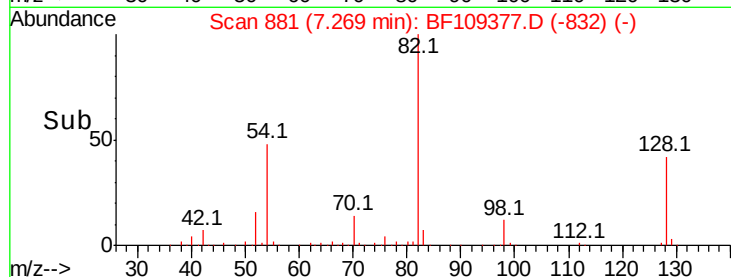
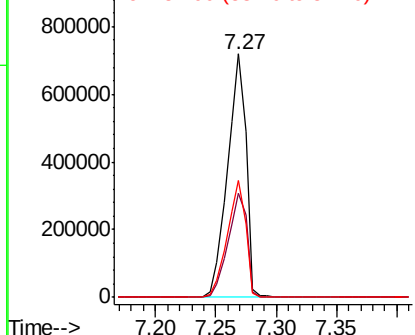


Abundance

Ion 82.00 (81.70 to 82.70): BF1

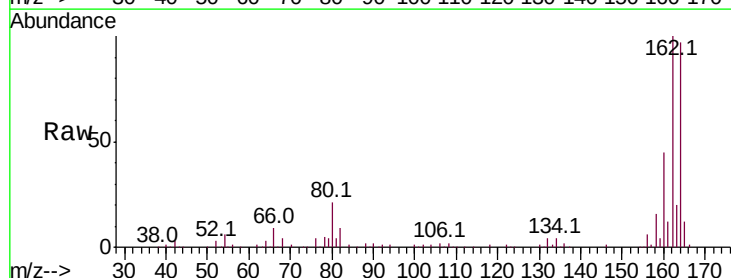
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

Tgt Ion	164	Resp	189658
Ion Ratio	Lower	Upper	
164	100		
162	102.7	86.1	129.1
160	45.9	38.3	57.5

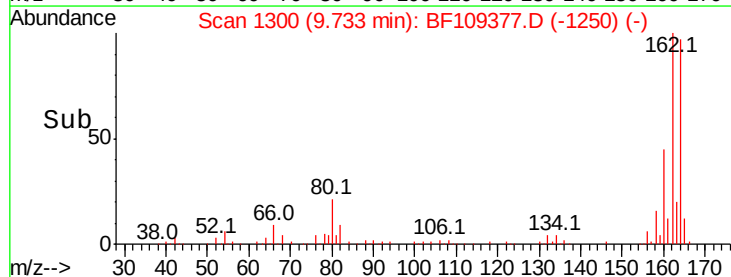
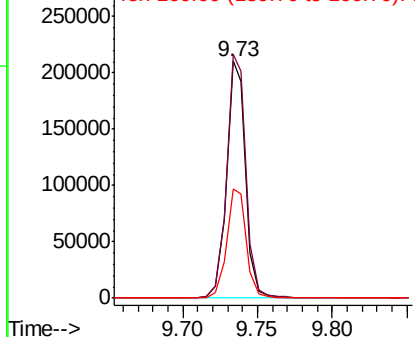


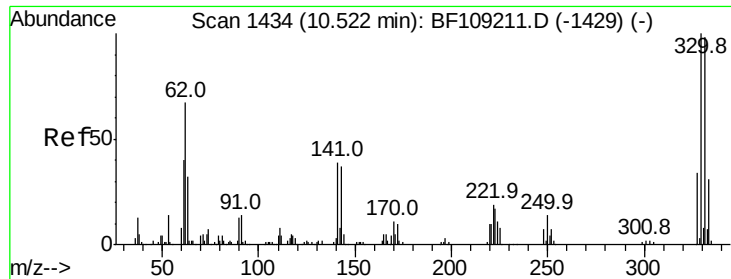
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

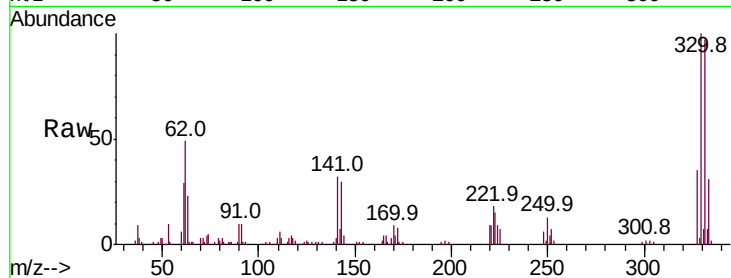




#41
 2,4,6-Tribromophenol
 Concen: 103.621 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.8	29.9	44.9

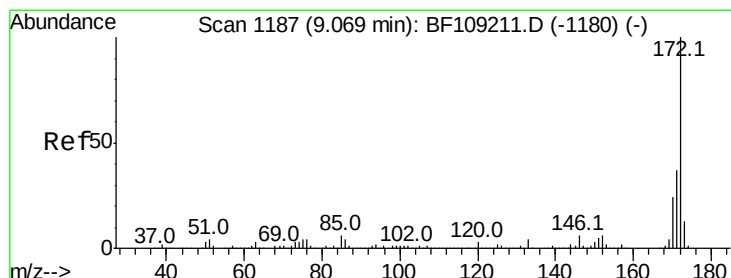
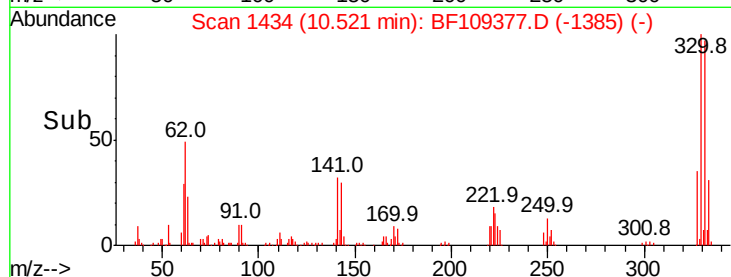
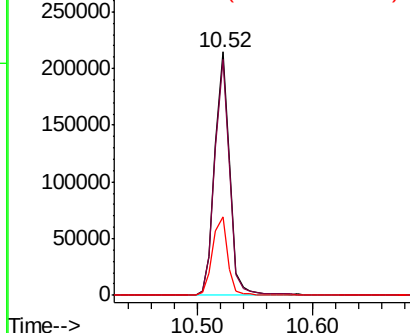


Abundance

Ion 329.80 (329.50 to 330.50): E

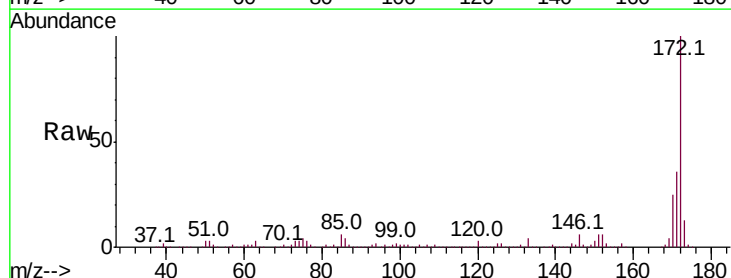
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.967 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

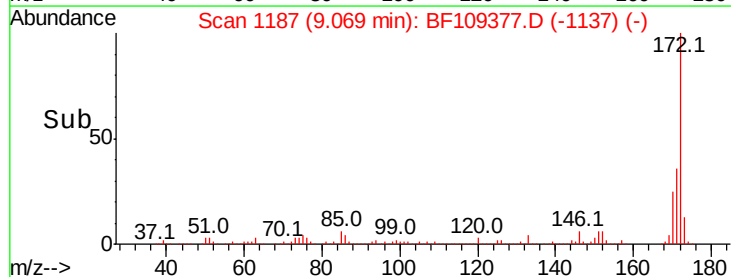
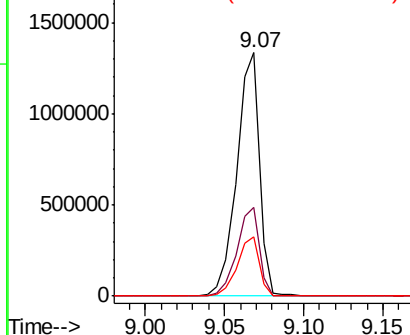


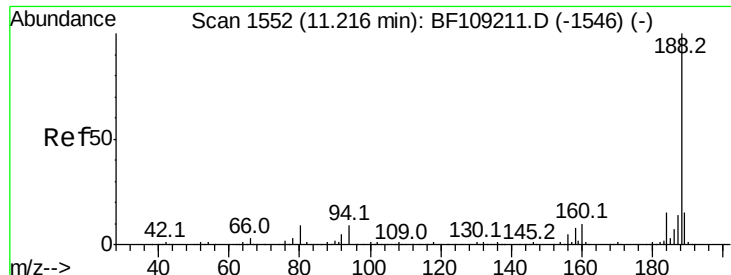
Abundance

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

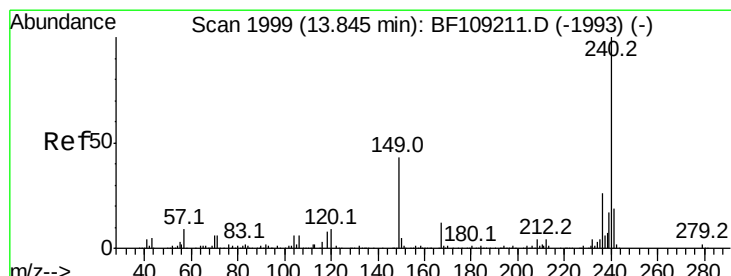
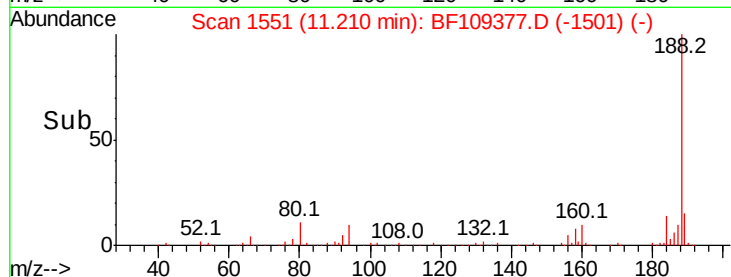
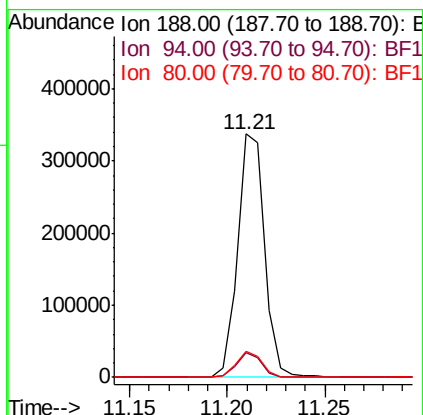
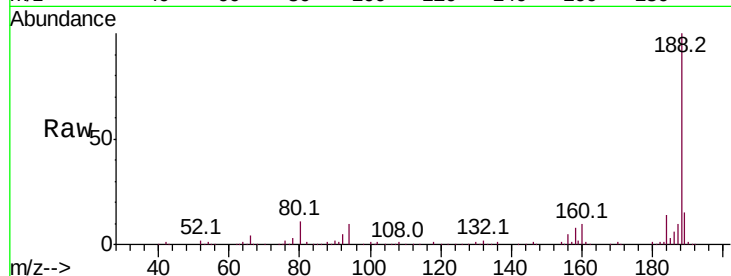




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109377.D
Acq: 27 Sep 2018 9:45

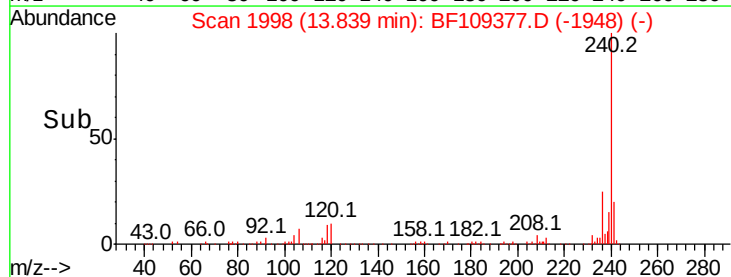
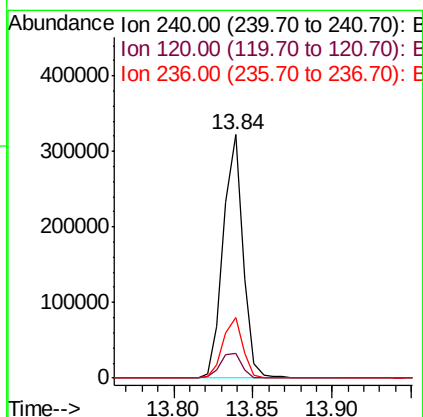
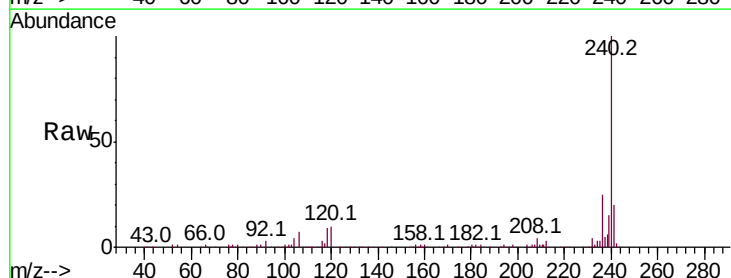
Instrument :
BNA_F
ClientSampleId :
PB113192BL

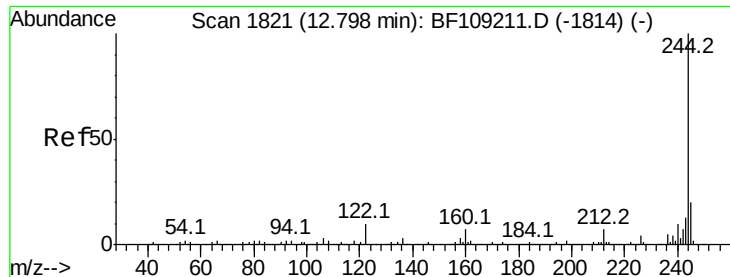
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.6	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109377.D
Acq: 27 Sep 2018 9:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	24.9	20.7	31.1

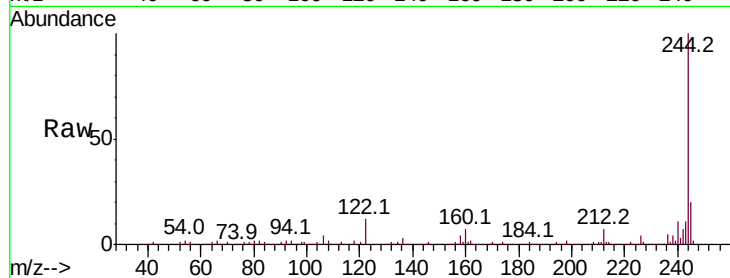




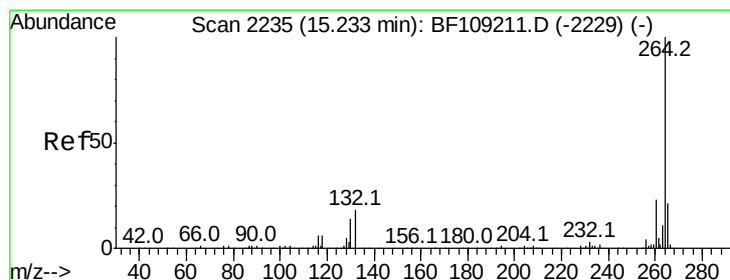
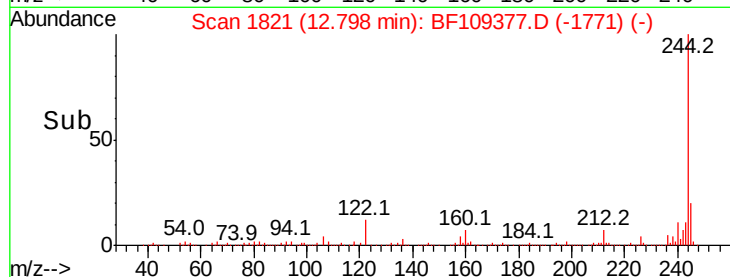
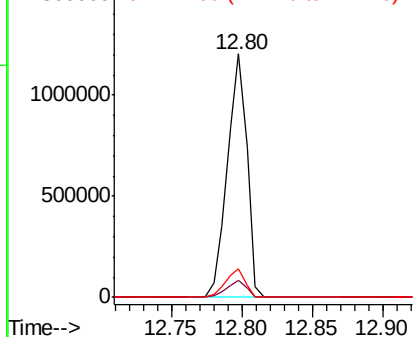
#78
 Terphenyl-d14
 Concen: 102.137 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BL

Tot Ion:244 Resp: 1161379
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.7 11.0 16.4

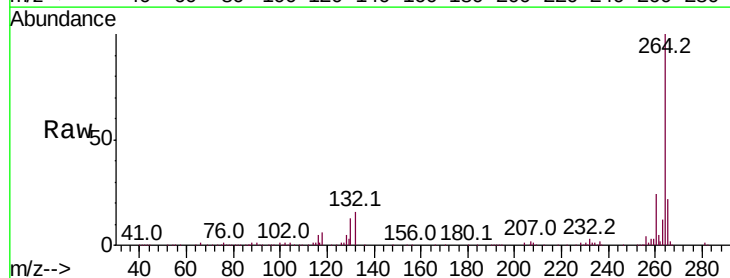


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

Tgt Ion:264 Resp: 238072
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 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

