

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109434.D
 Acq On : 28 Sep 2018 17:12
 Operator : JU/SJ
 Sample : J4777-33 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-092718-A

Quant Time: Sep 28 18:55:20 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	6.71	152	109566	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	393189	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	153686	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	267538	20.00	ng	0.00
75) Chrysene-d12	13.84	240	222339	20.00	ng	0.00
86) Perylene-d12	15.25	264	173214	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	120333	18.09	ng	0.00
7) Phenol-d6	6.34	99	151719	17.87	ng	-0.02
23) Nitrobenzene-d5	7.26	82	87904	13.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	23139	15.27	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	152562	14.97	ng	-0.01
78) Terphenyl-d14	12.79	244	125945	13.90	ng	-0.01

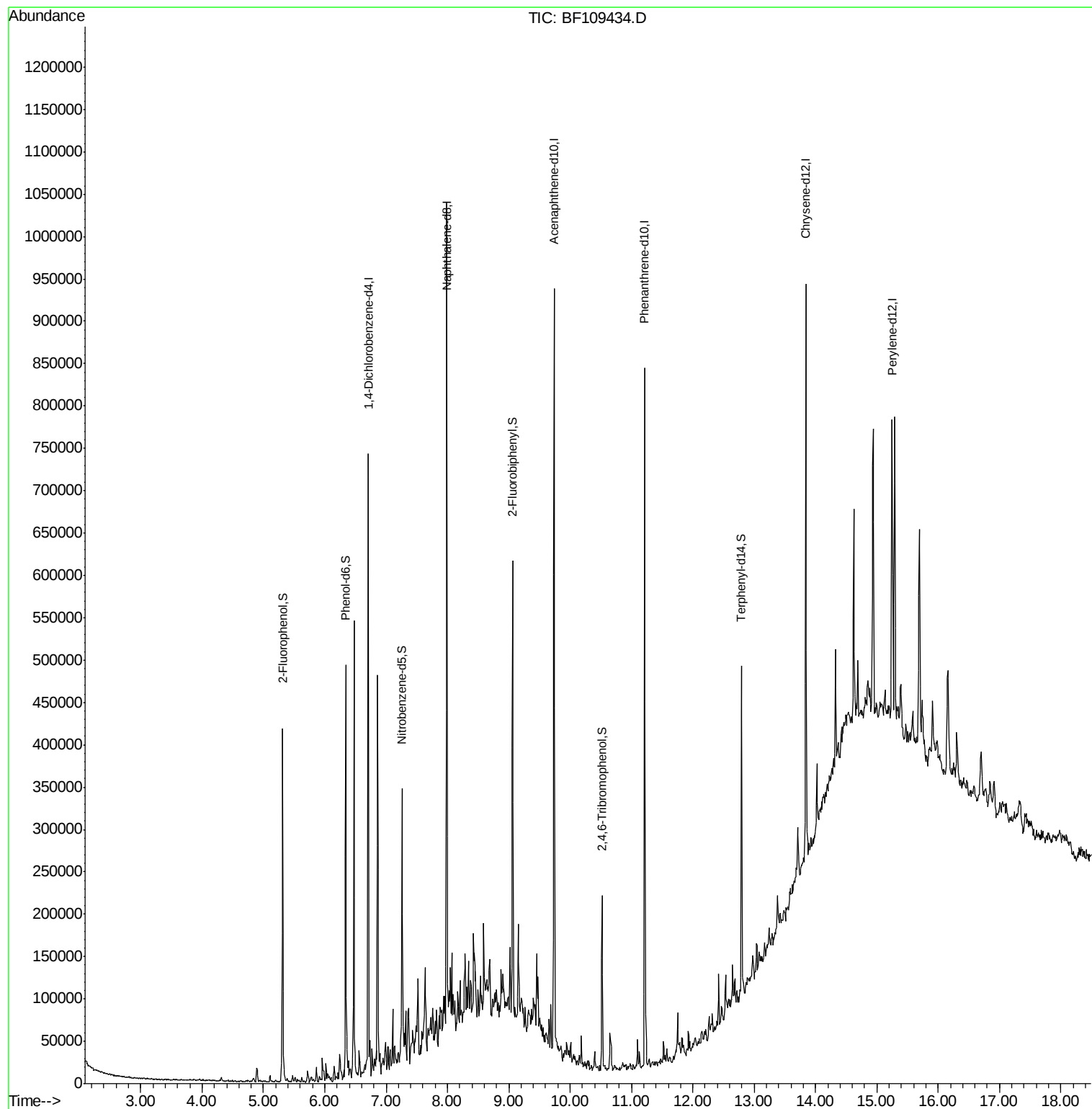
Target Compounds Qvalue

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

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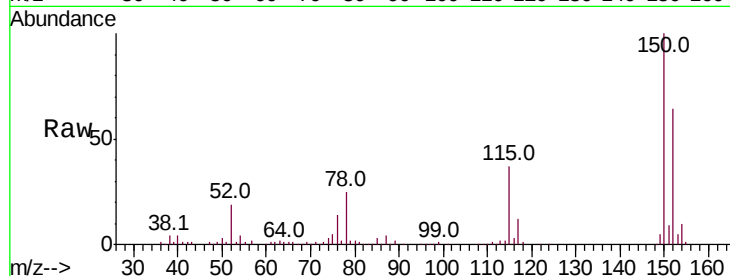


#1

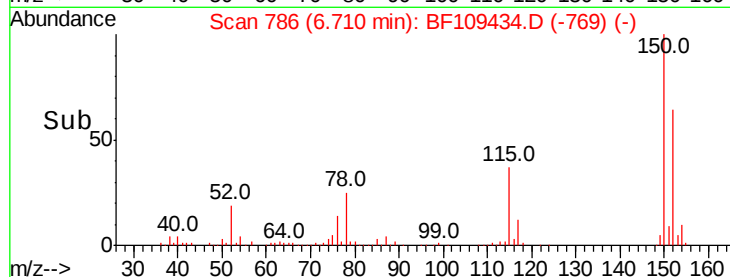
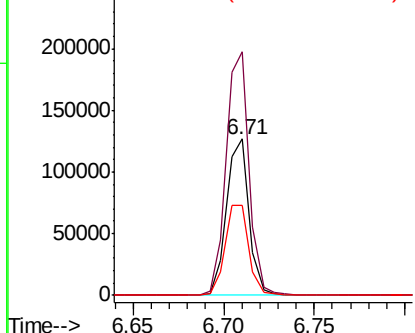
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-092718-A

Tot Ion:152 Resp: 109566
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 57.7 50.1 75.1



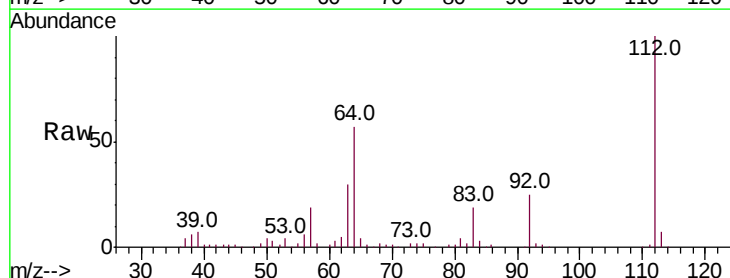
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



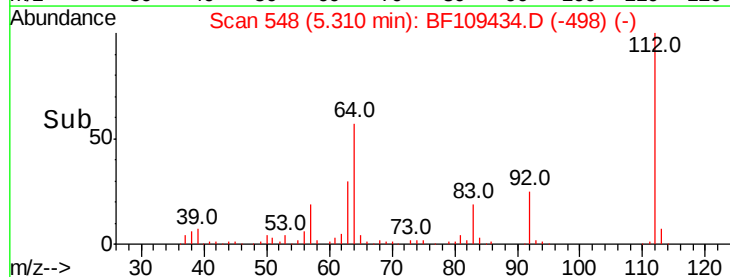
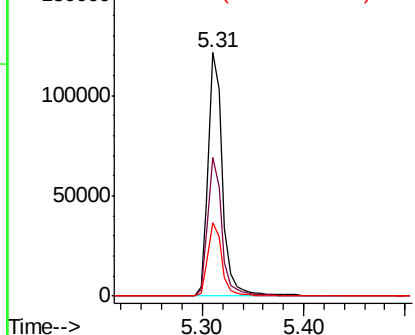
#5

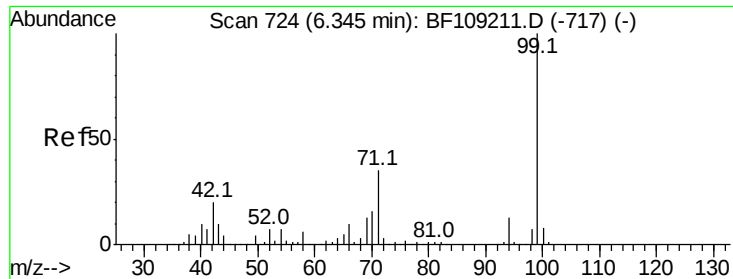
2-Fluorophenol
 Concen: 18.089 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Tgt Ion:112 Resp: 120333
 Ion Ratio Lower Upper
 112 100
 64 56.8 47.9 71.9
 63 30.2 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: 17.874 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109434.D

Acq: 28 Sep 2018 17:12

Instrument :

BNA_F

ClientSampleId :

PL-01-092718-A

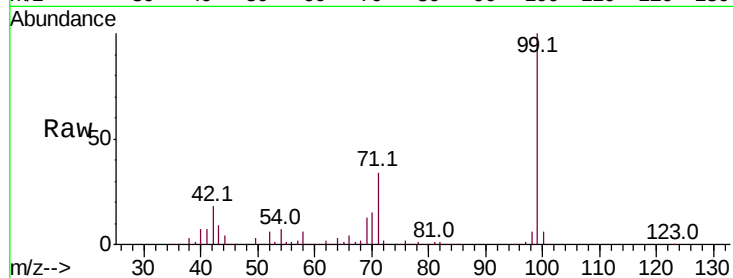
Tot Ion: 99 Resp: 151719

Ion Ratio Lower Upper

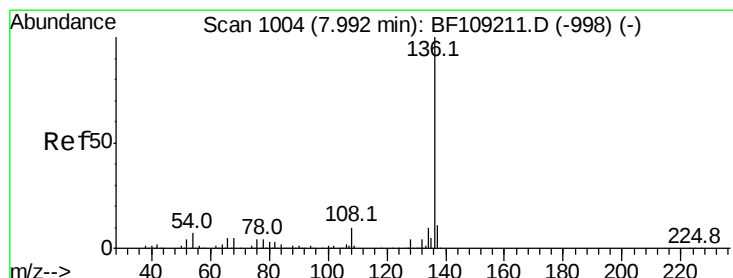
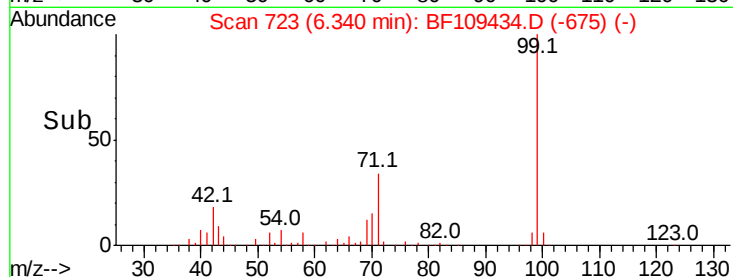
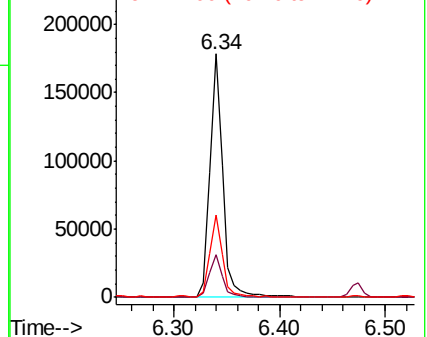
99 100

42 17.5 14.5 21.7

71 33.7 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: BF109434.D

Acq: 28 Sep 2018 17:12

Tgt Ion: 136 Resp: 393189

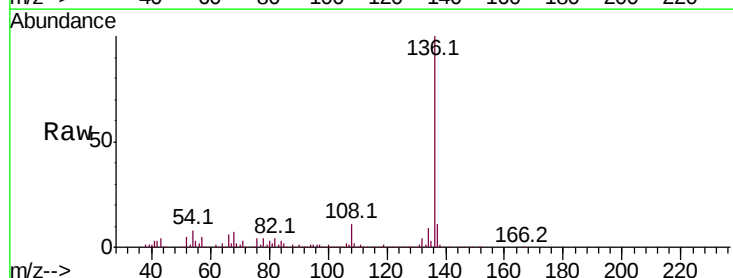
Ion Ratio Lower Upper

136 100

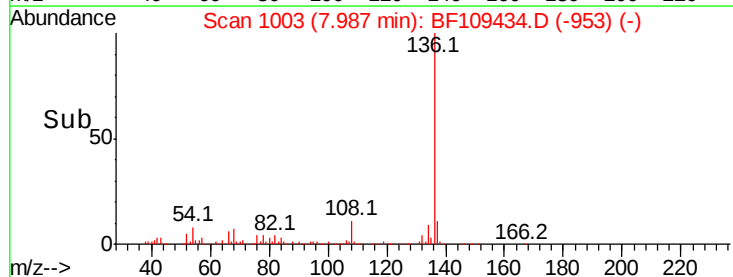
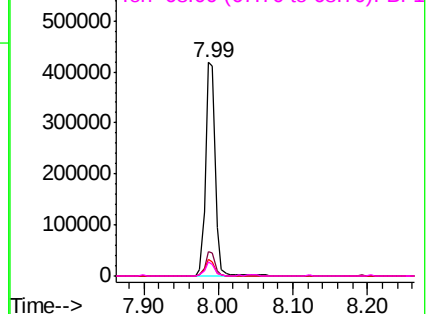
137 11.2 8.9 13.3

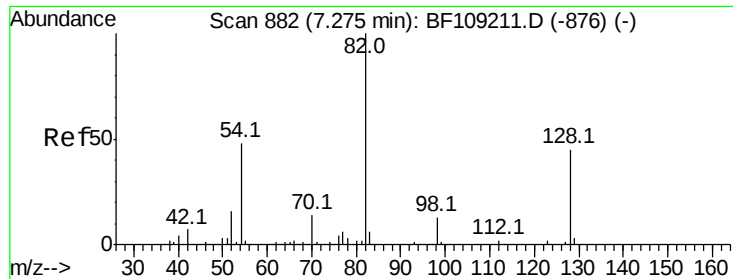
54 7.9 6.6 9.8

68 6.6 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

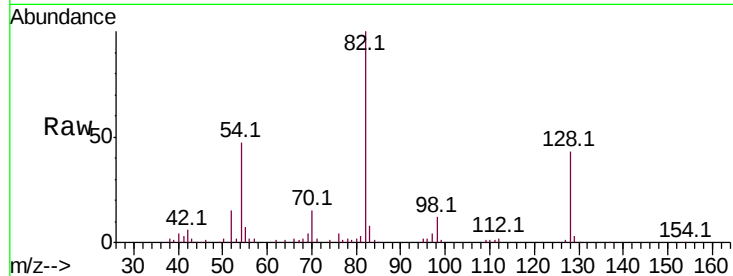




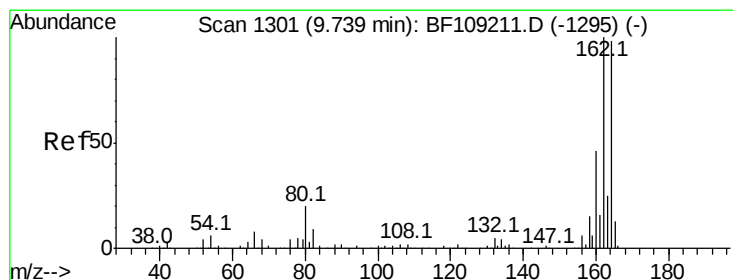
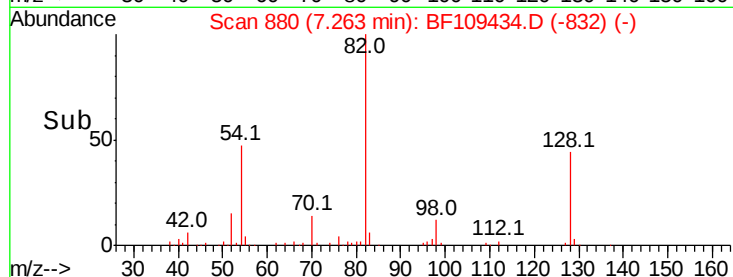
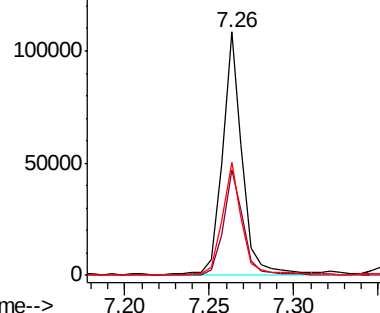
#23
 Nitrobenzene-d5
 Concen: 13.197 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-092718-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	46.6	41.4	62.2

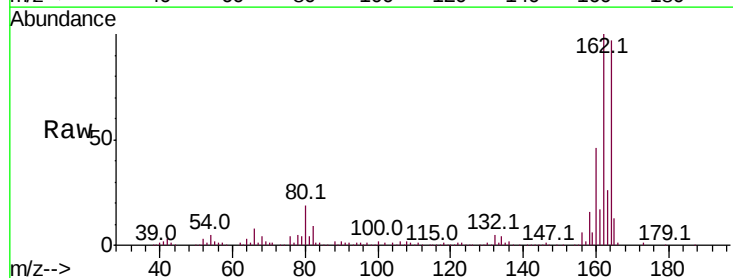


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

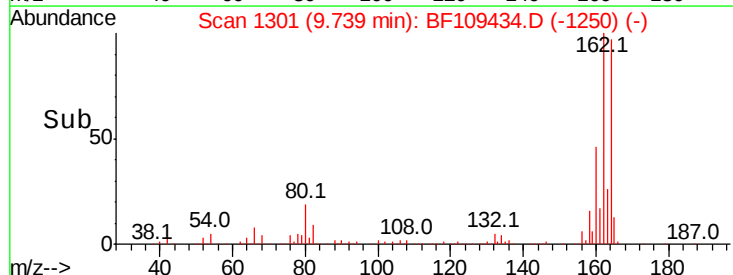
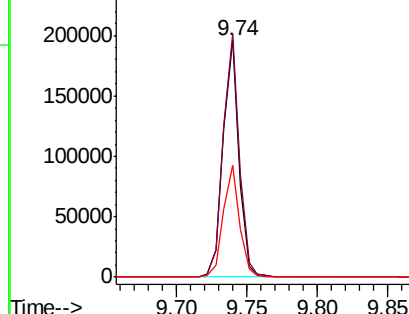


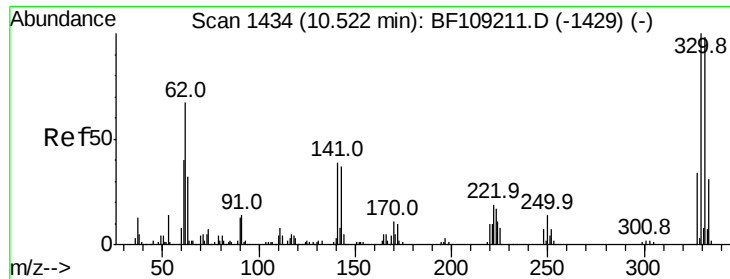
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	47.1	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

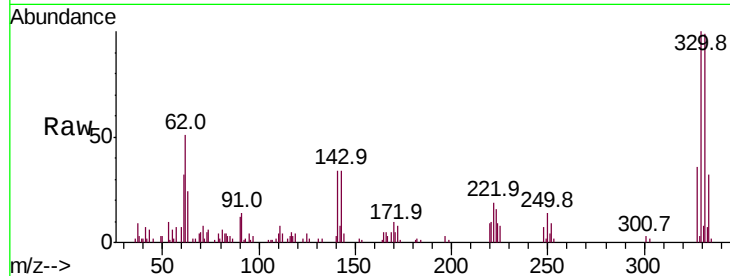




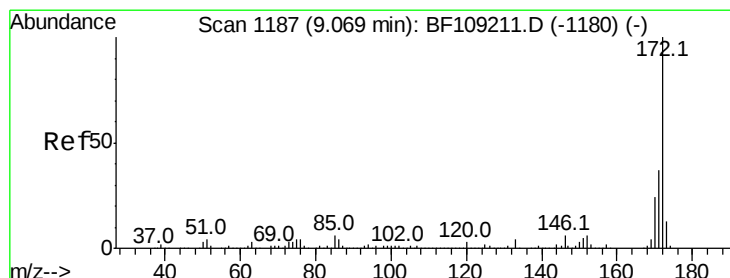
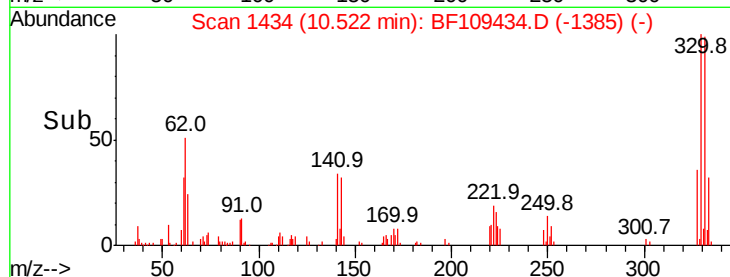
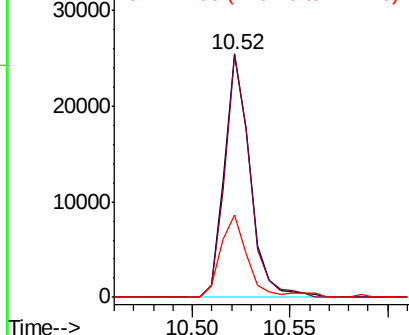
#41
 2,4,6-Tribromophenol
 Concen: 15.273 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-092718-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	36.5	29.9	44.9

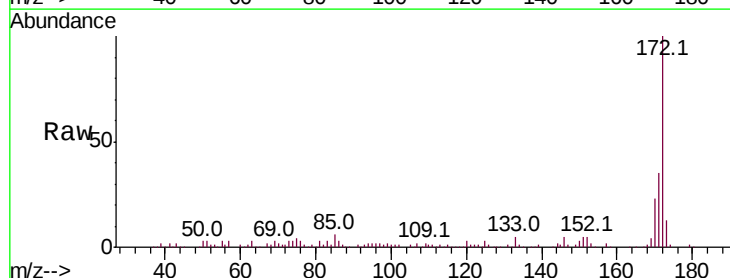


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

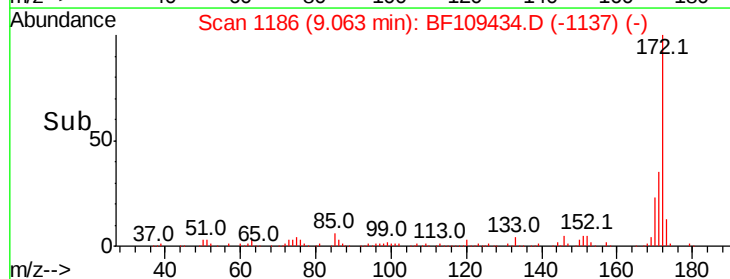
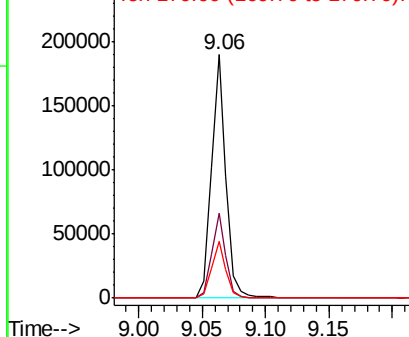


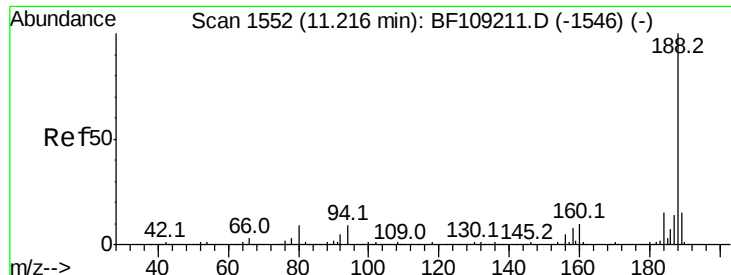
#44
 2-Fluorobiphenyl
 Concen: 14.972 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.5	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

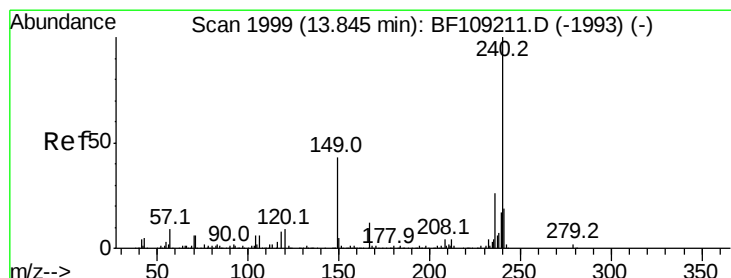
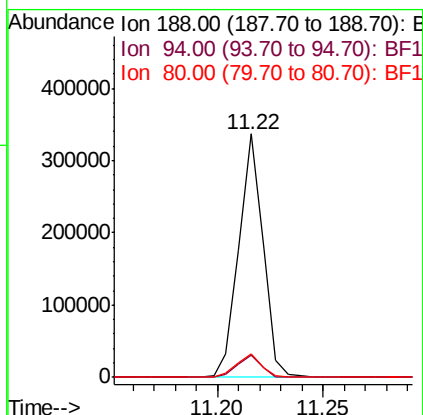
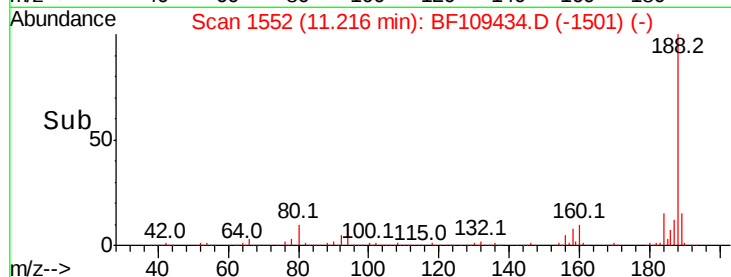
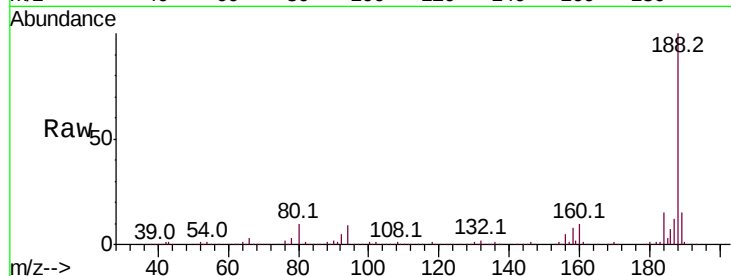




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109434.D
Acq: 28 Sep 2018 17:12

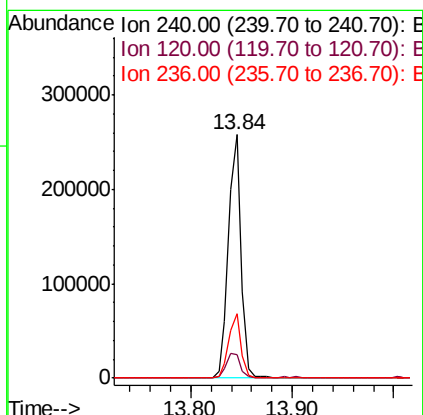
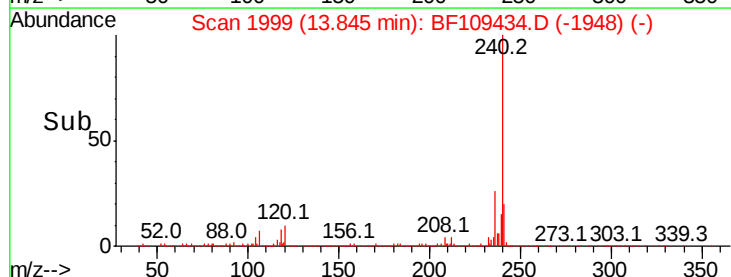
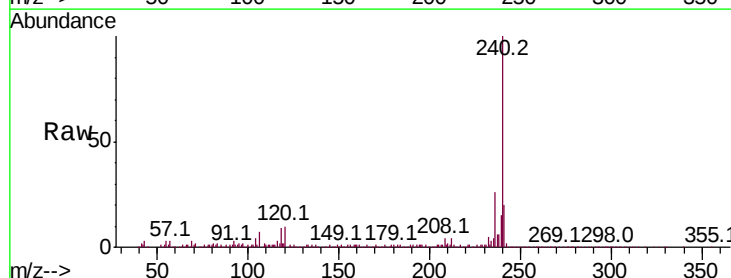
Instrument :
BNA_F
ClientSampleId :
PL-01-092718-A

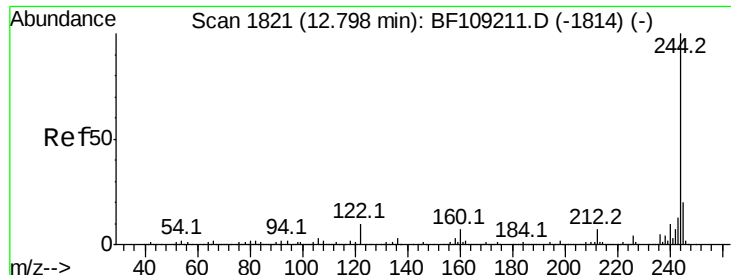
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.8	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109434.D
Acq: 28 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.5	20.7	31.1





#78

Terphenyl-d14

Concen: 13.902 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109434.D

Acq: 28 Sep 2018 17:12

Instrument :

BNA_F

ClientSampleId :

PL-01-092718-A

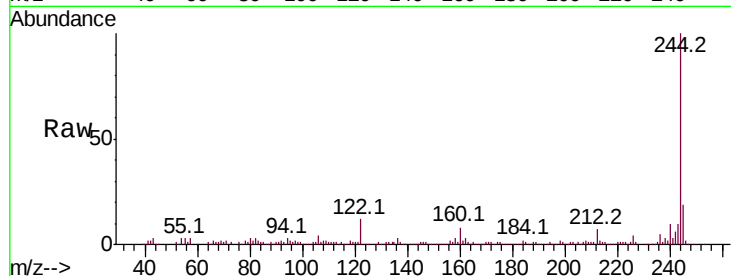
Tot Ion:244 Resp: 125945

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

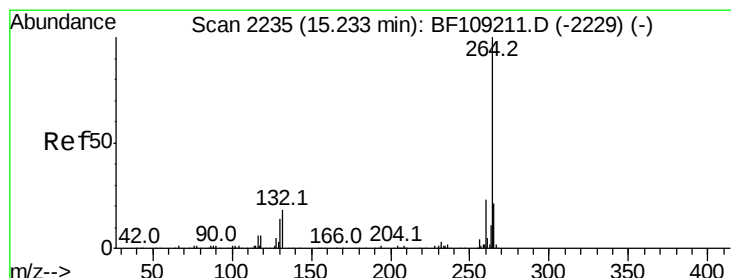
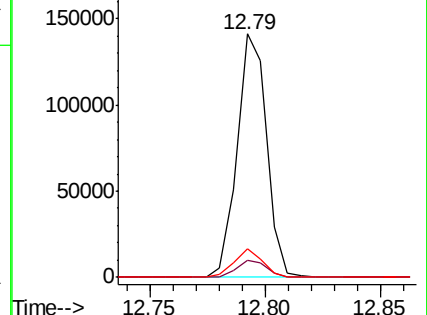
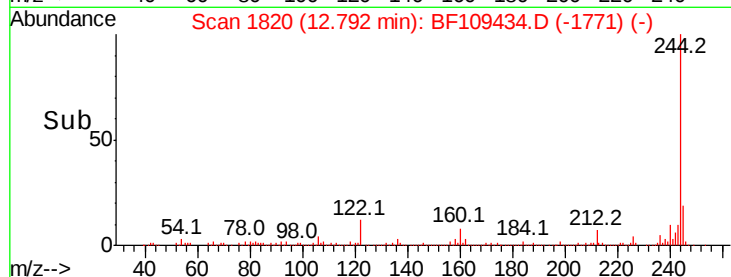
122 11.8 11.0 16.4



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: 15.25 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BF109434.D

Acq: 28 Sep 2018 17:12

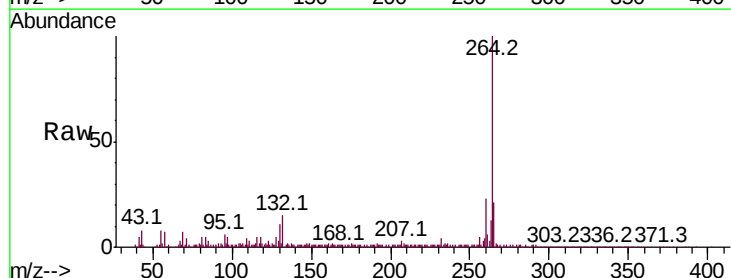
Tgt Ion:264 Resp: 173214

Ion Ratio Lower Upper

264 100

260 23.0 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

