

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109273.D
 Acq On : 24 Sep 2018 17:45
 Operator : JU/SJ
 Sample : J4770-09 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-E

Quant Time: Sep 25 05:15:35 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

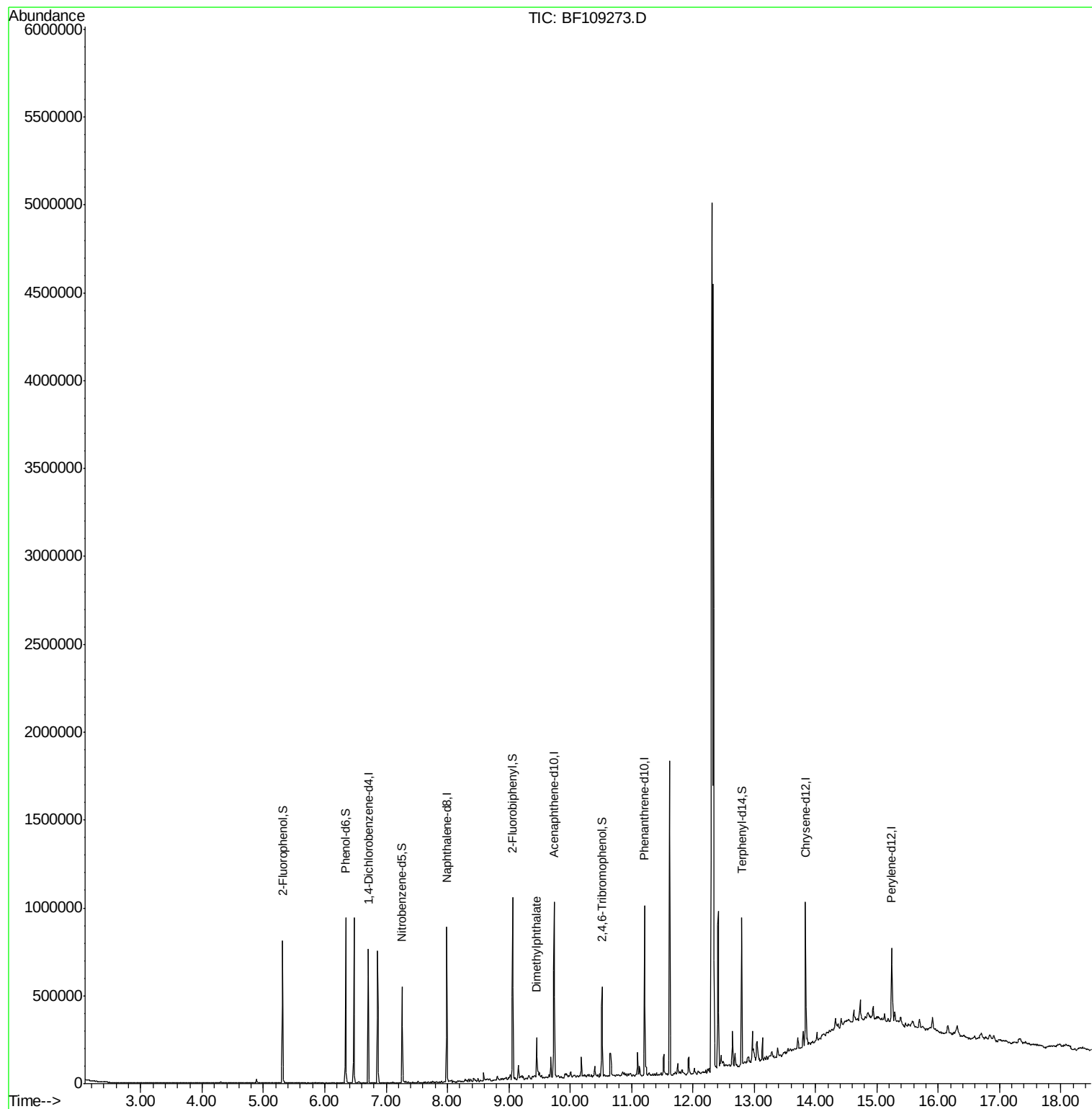
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	104308	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	395067	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	167201	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	308806	20.00	ng	0.00
75) Chrysene-d12	13.84	240	290920	20.00	ng	0.00
86) Perylene-d12	15.24	264	194501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	207606	32.78	ng	0.00
7) Phenol-d6	6.34	99	262542	32.49	ng	-0.02
23) Nitrobenzene-d5	7.26	82	151693	22.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	54530	33.08	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	273049	24.63	ng	-0.01
78) Terphenyl-d14	12.80	244	263646	22.24	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	77091	6.339	ng	99

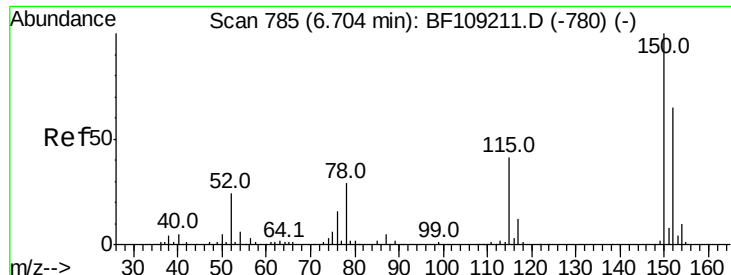
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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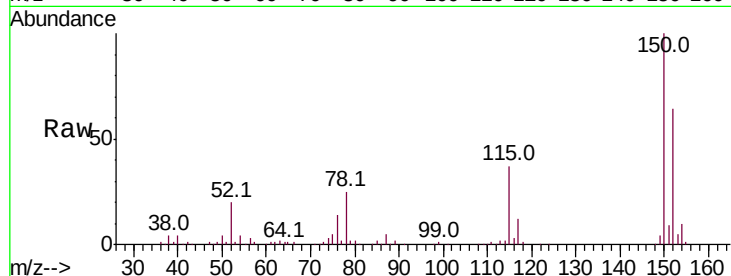


#1

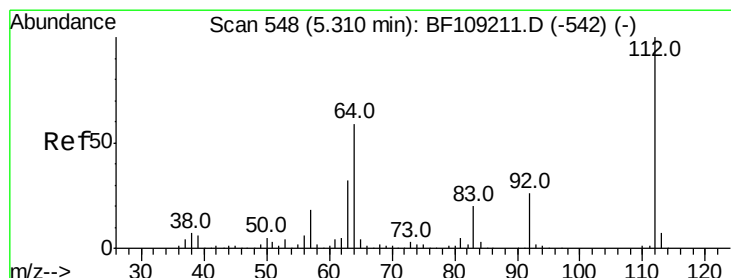
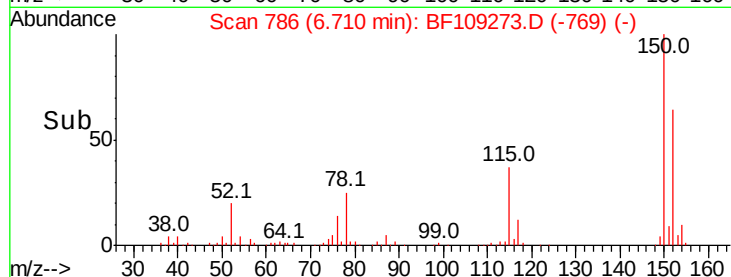
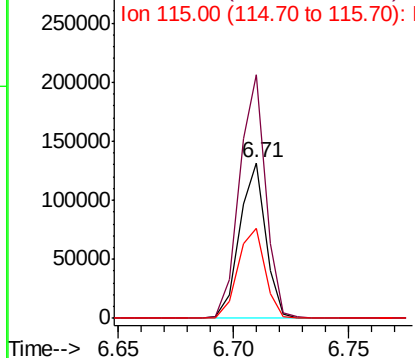
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-E

Tot Ion:152 Resp: 104308
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 57.9 50.1 75.1



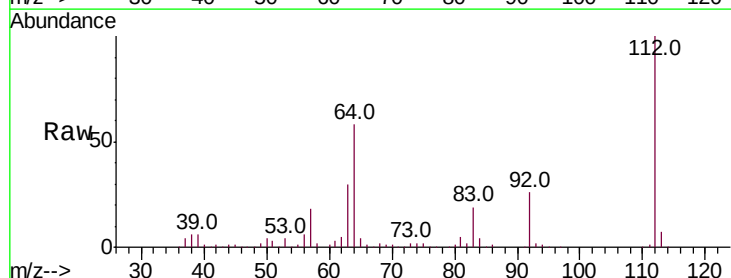
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



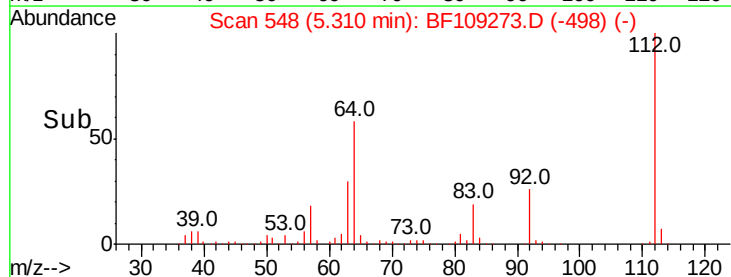
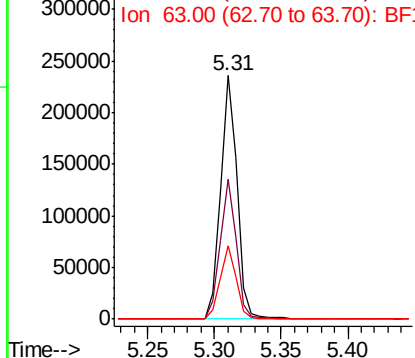
#5

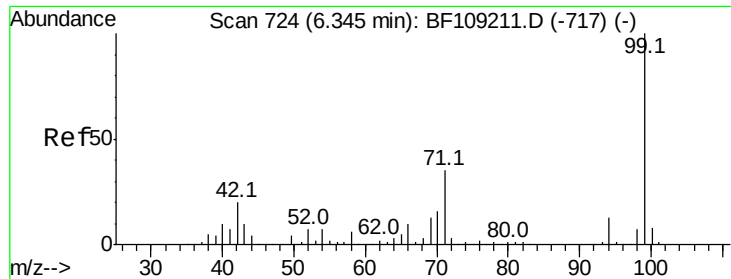
2-Fluorophenol
 Concen: 32.782 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

Tgt Ion:112 Resp: 207606
 Ion Ratio Lower Upper
 112 100
 64 57.7 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: 32.489 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-E

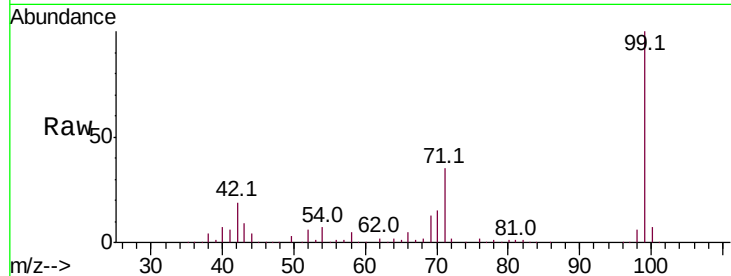
Tot Ion: 99 Resp: 262542

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

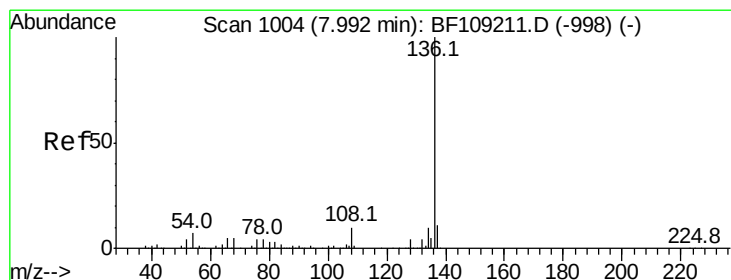
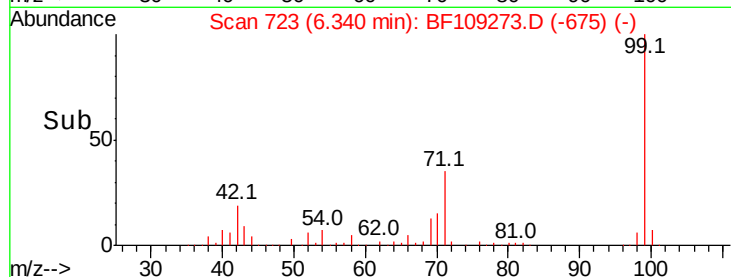
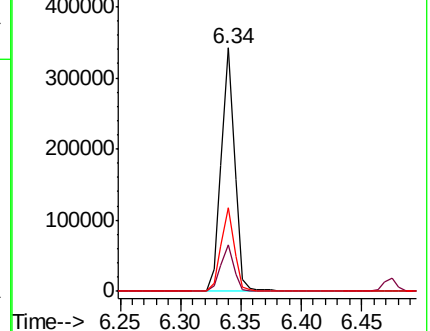
71 34.6 25.4 38.0



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# 1004

Delta R.T. 0.00 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

Tgt Ion: 136 Resp: 395067

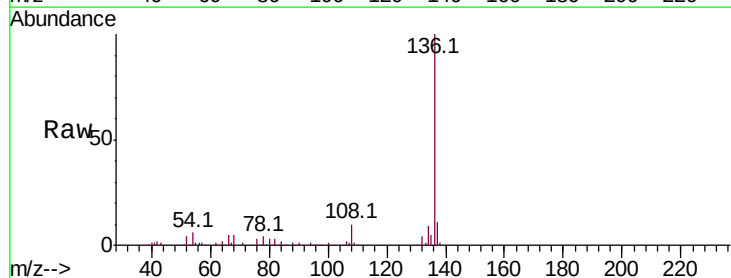
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 6.6 9.8#

68 5.3 5.0 7.4

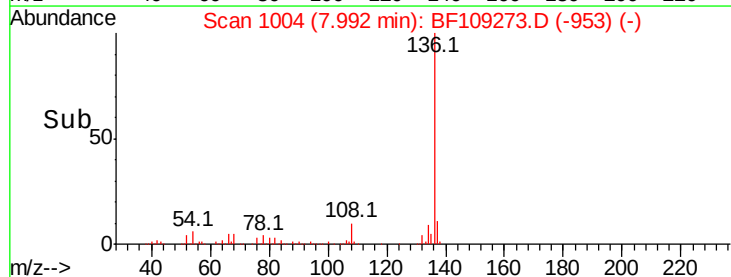
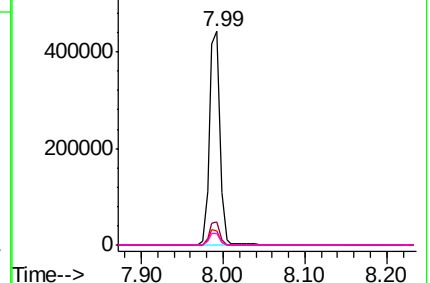


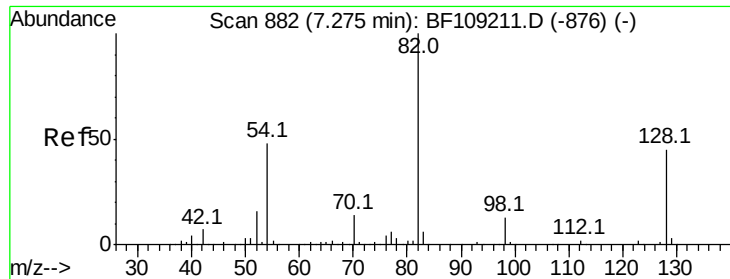
Abundance Ion 136.00 (135.70 to 136.70): E

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

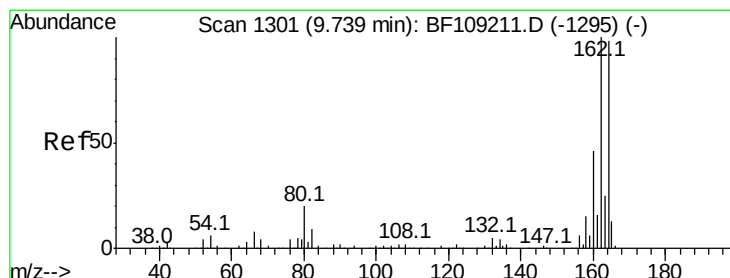
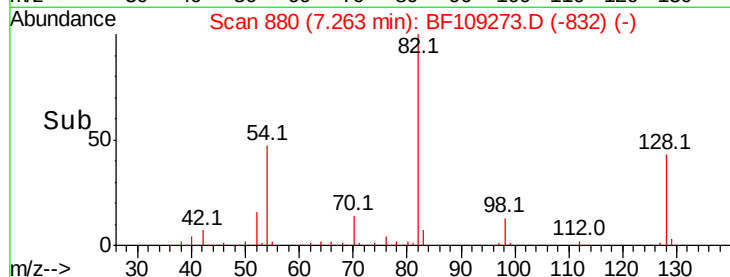
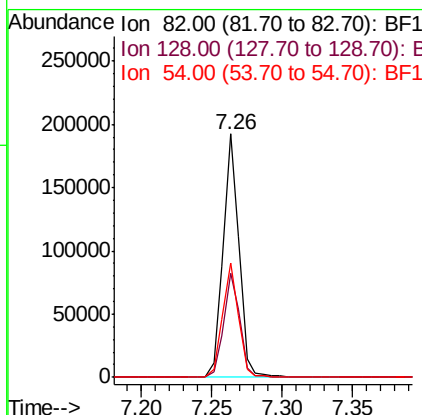
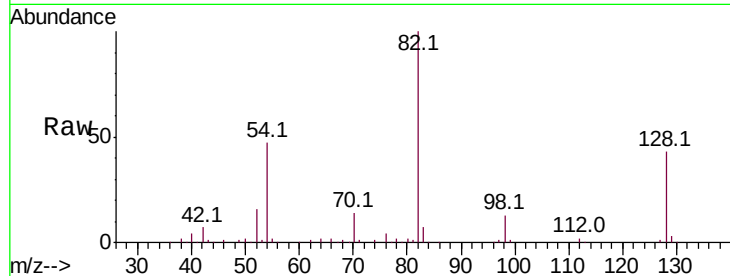




#23
 Nitrobenzene-d5
 Concen: 22.666 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

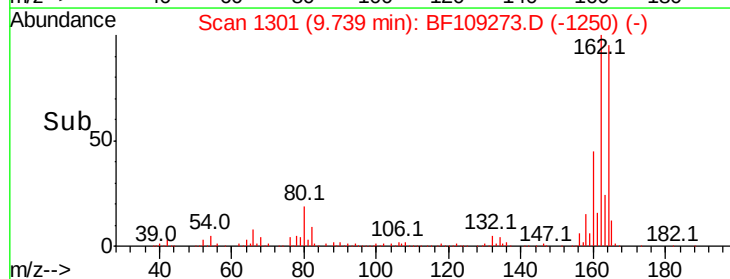
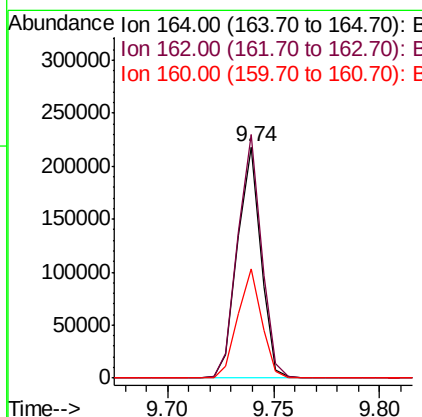
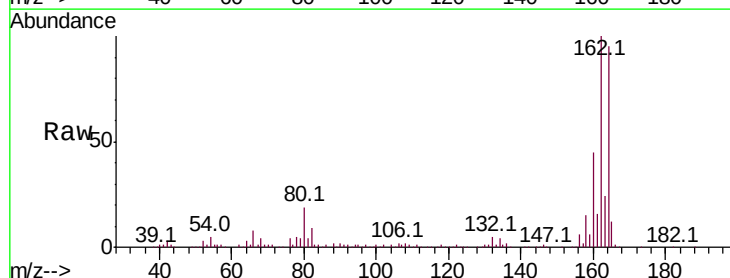
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-E

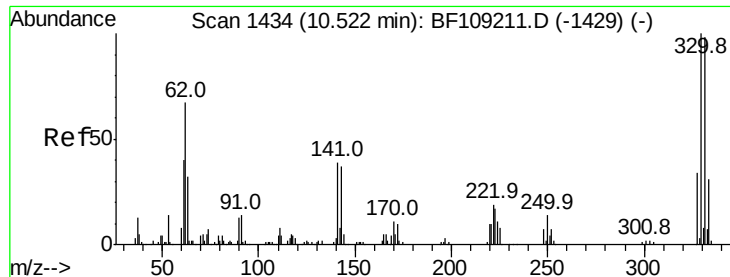
Tot Ion	82	Resp	151693
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	46.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

Tgt Ion	164	Resp	167201
Ion Ratio	Lower	Upper	
164	100		
162	105.2	86.1	129.1
160	47.2	38.3	57.5

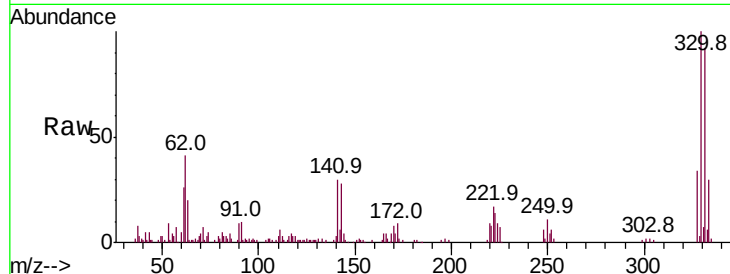




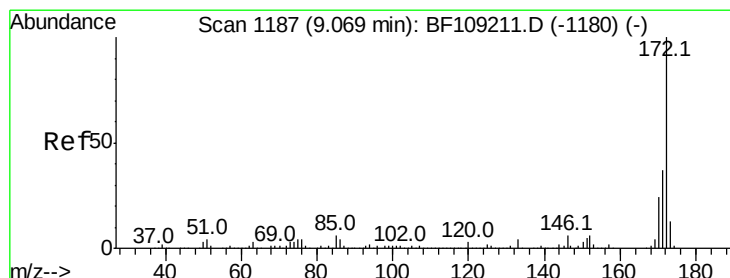
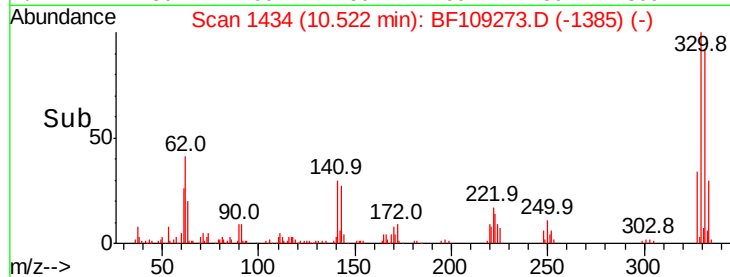
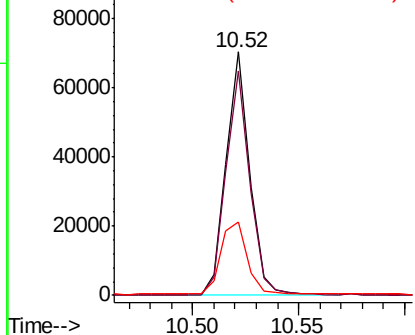
#41
 2,4,6-Tribromophenol
 Concen: 33.083 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.0	115.6
141	36.0	29.9	44.9

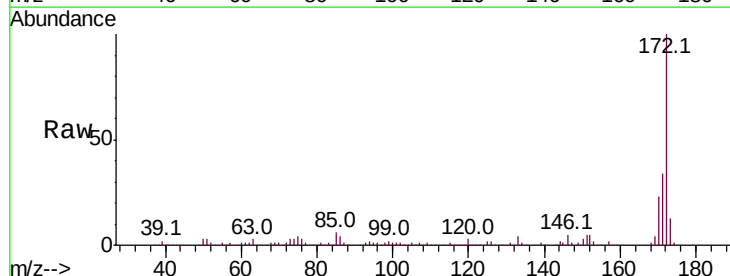


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

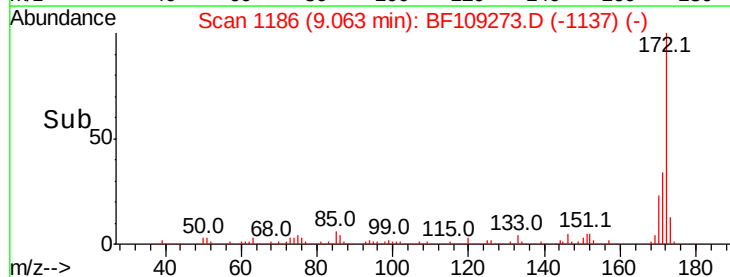
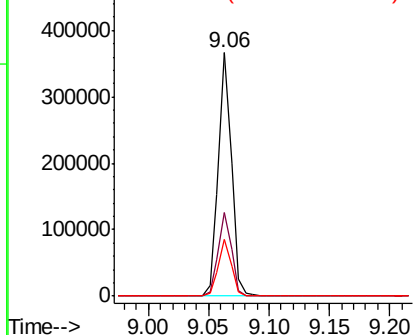


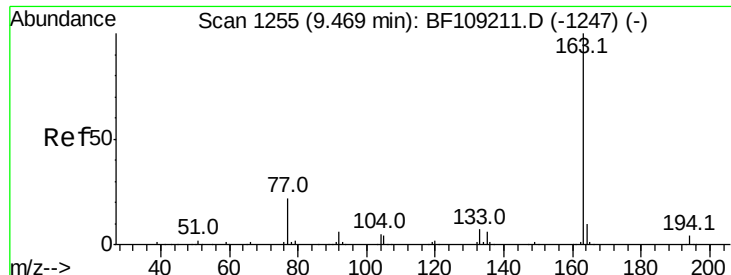
#44
 2-Fluorobiphenyl
 Concen: 24.630 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	23.1	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

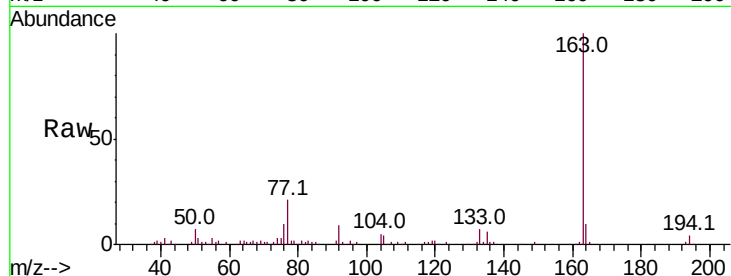




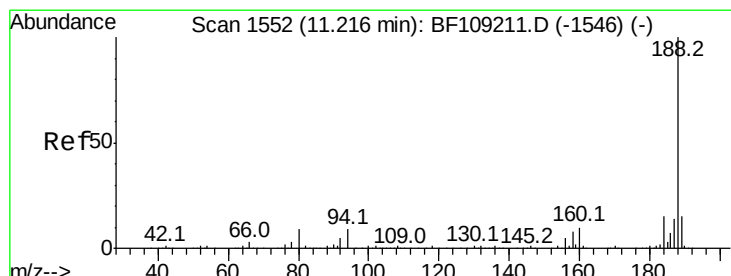
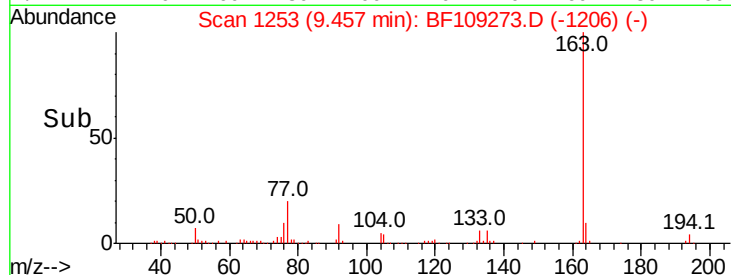
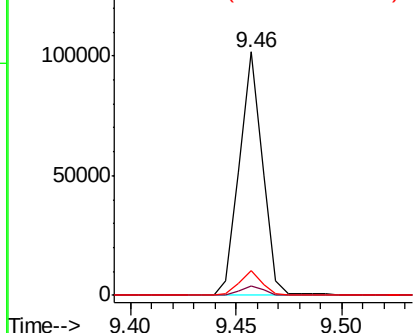
#49
Dimethylphthalate
Concen: 6.339 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109273.D
Acq: 24 Sep 2018 17:45

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-E

Tot Ion:163 Resp: 77091
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 8.2 12.2

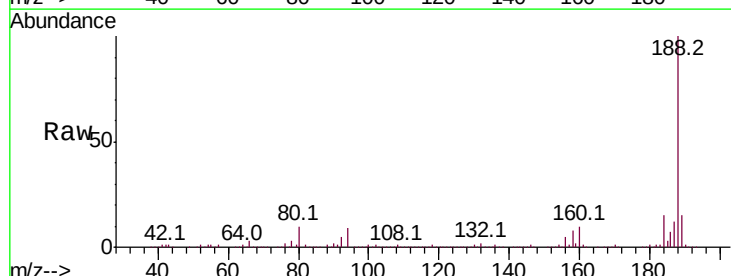


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

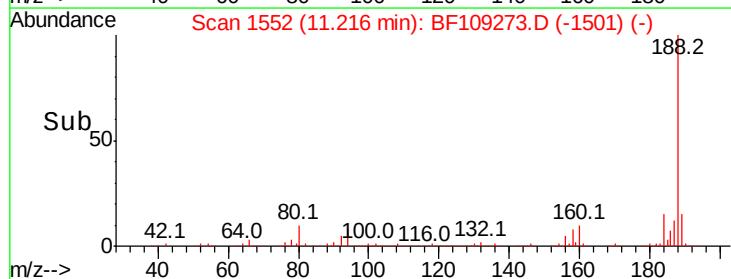
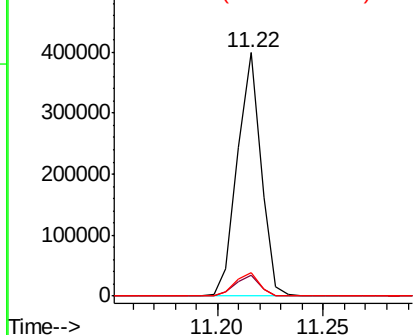


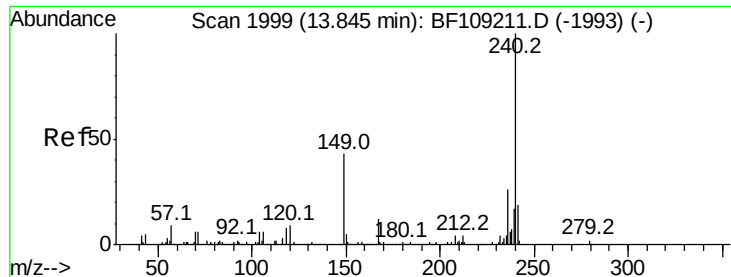
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109273.D
Acq: 24 Sep 2018 17:45

Tgt Ion:188 Resp: 308806
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.6 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: BF109273.D

Acq: 24 Sep 2018 17:45

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-E

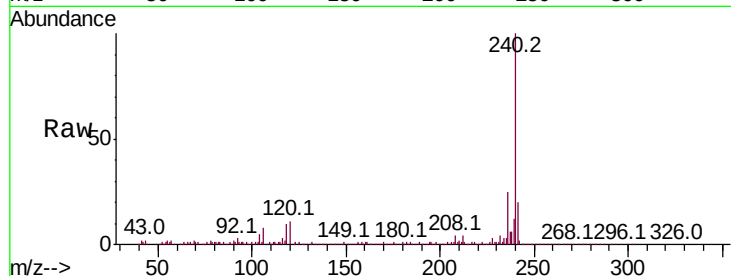
Tot Ion:240 Resp: 290920

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

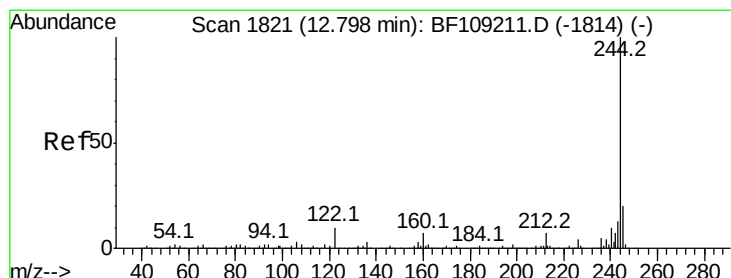
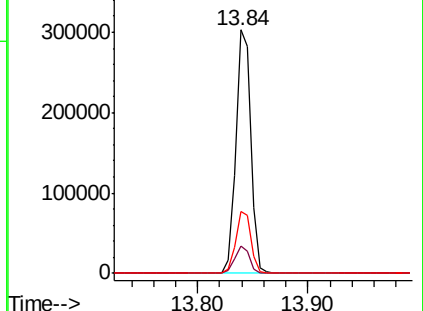
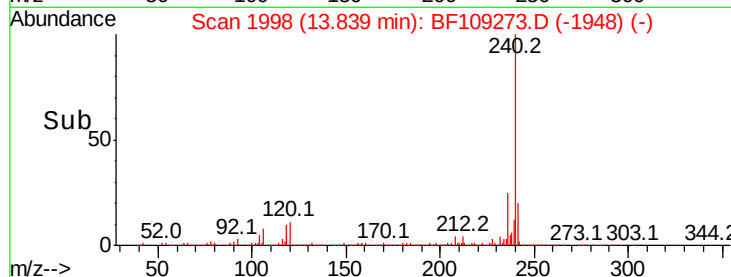
236 25.3 20.7 31.1



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: 22.241 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

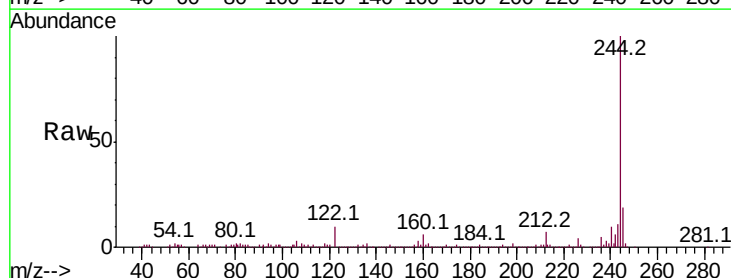
Tgt Ion:244 Resp: 263646

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

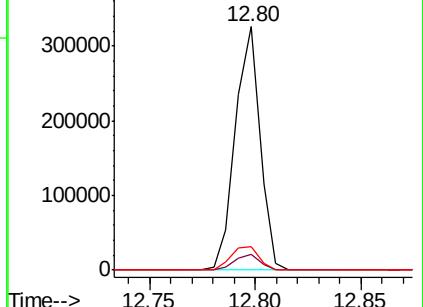
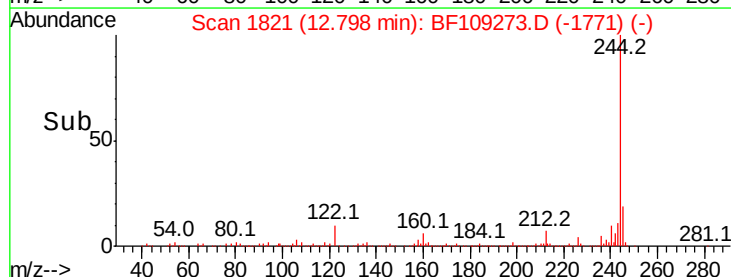
122 9.7 11.0 16.4#

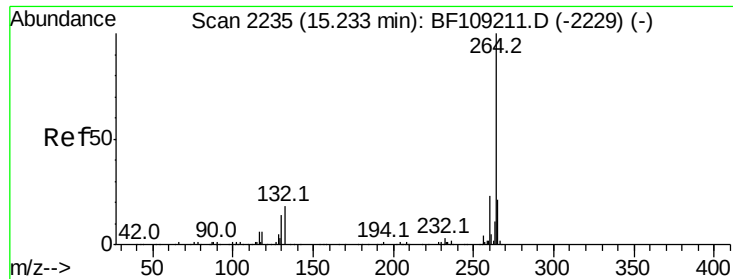


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

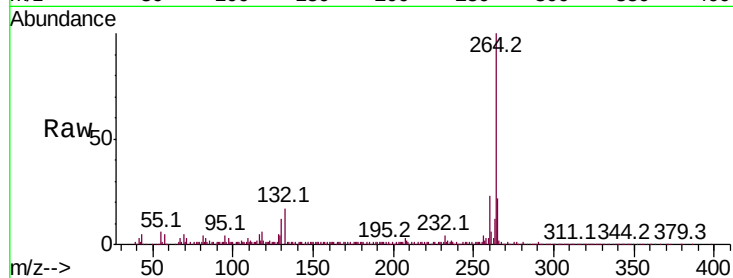




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-E

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	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

