

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109347.D
 Acq On : 26 Sep 2018 19:55
 Operator : JU/SJ
 Sample : J4773-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-B

Quant Time: Sep 27 06:29:28 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

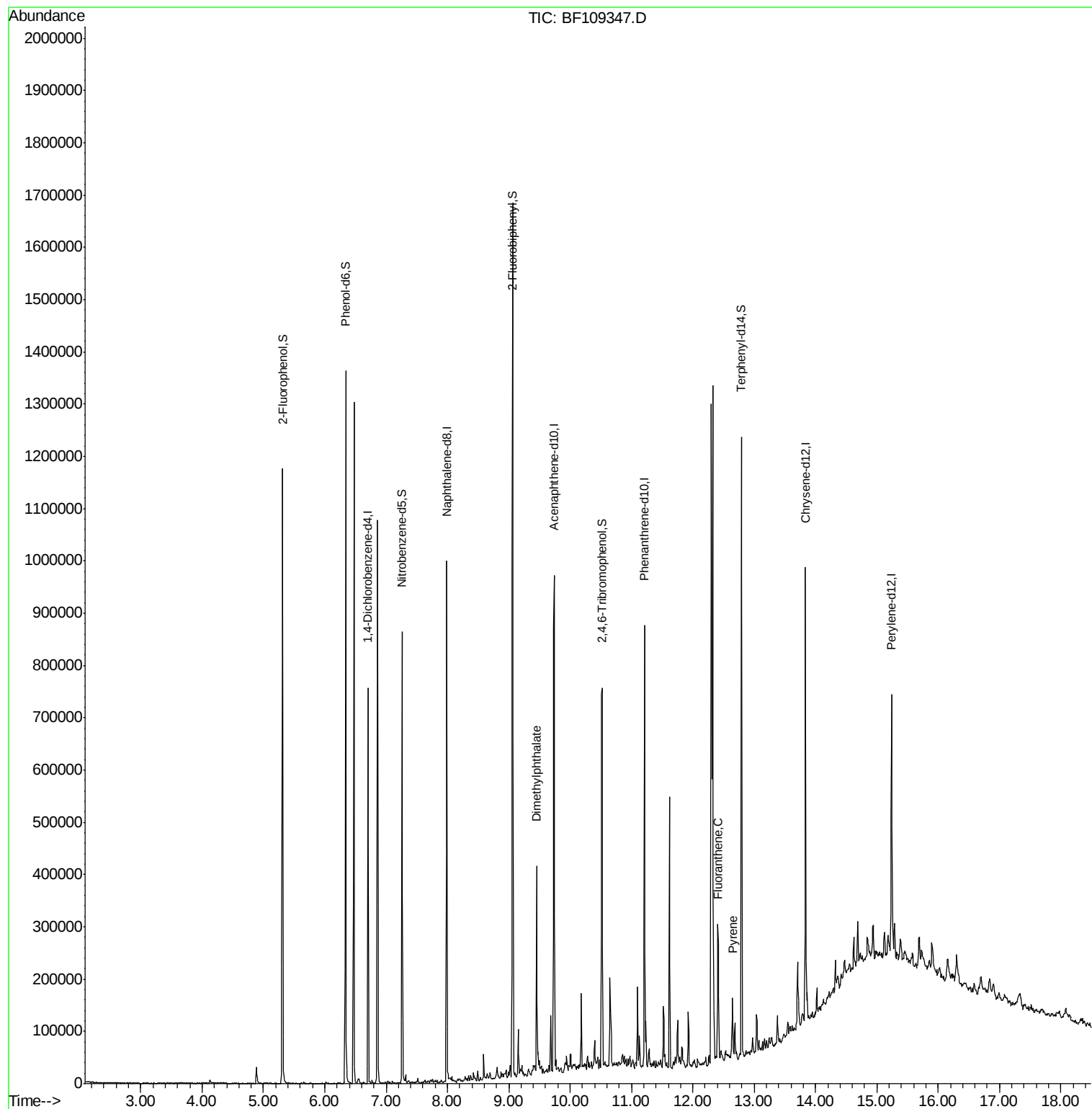
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100578	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	396566	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	180797	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	309012	20.00	ng	0.00
75) Chrysene-d12	13.84	240	276397	20.00	ng	0.00
86) Perylene-d12	15.24	264	233505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	304808	49.92	ng	0.00
7) Phenol-d6	6.34	99	398143	51.10	ng	-0.02
23) Nitrobenzene-d5	7.26	82	244604	36.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	92988	52.17	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	453666	37.84	ng	-0.01
78) Terphenyl-d14	12.79	244	378228	33.58	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.46	163	143966	10.948	ng	Qvalue # 99
74) Fluoranthene	12.42	202	45682	2.771	ng	95
77) Pyrene	12.64	202	45538	2.299	ng	100

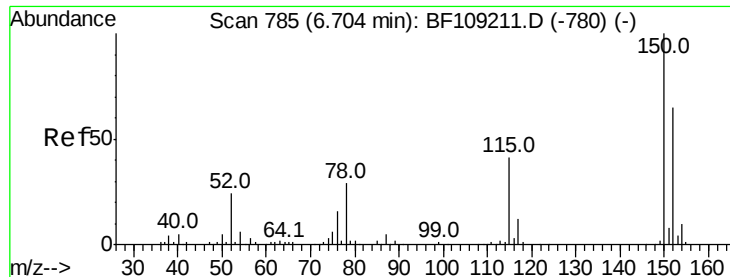
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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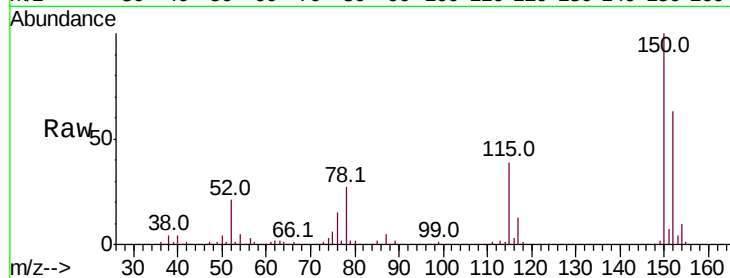


#1

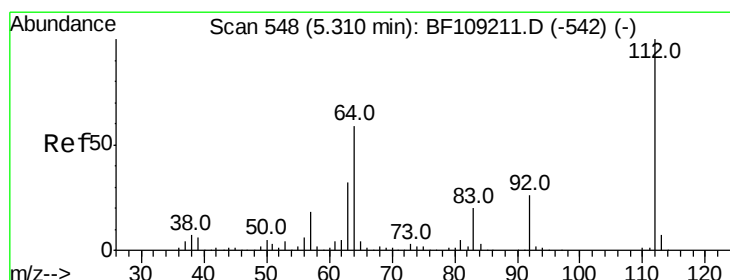
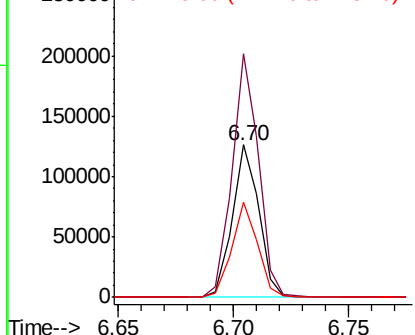
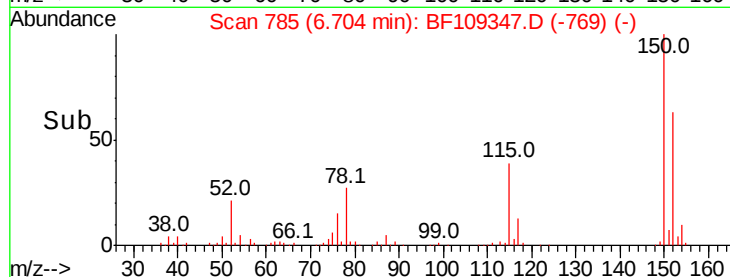
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109347.D
 Acq: 26 Sep 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-B

Tot Ion:152 Resp: 100578
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 62.4 50.1 75.1



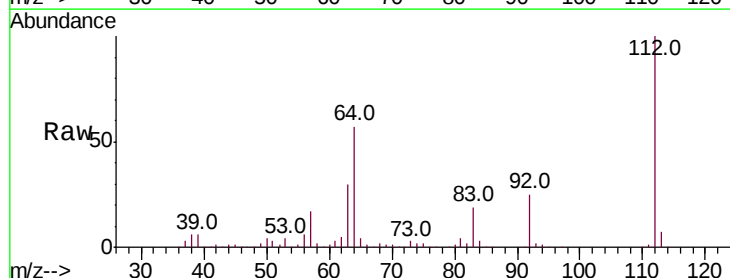
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



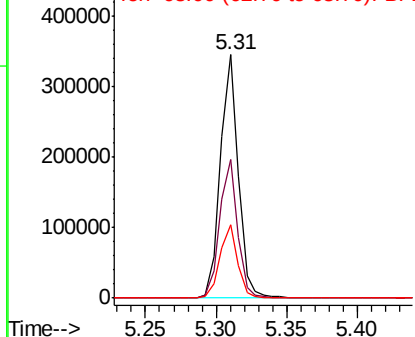
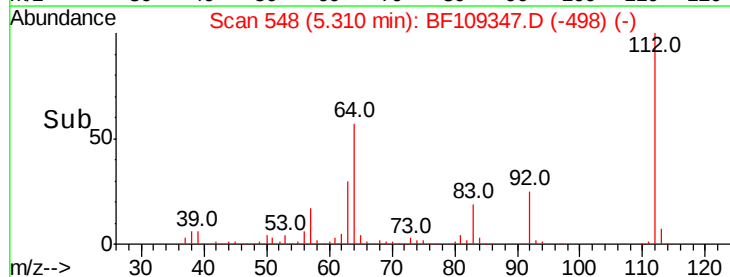
#5

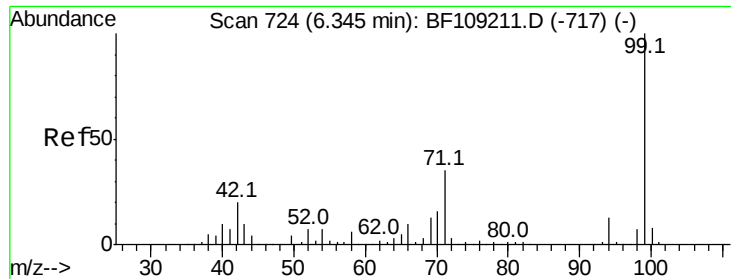
2-Fluorophenol
 Concen: 49.916 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109347.D
 Acq: 26 Sep 2018 19:55

Tgt Ion:112 Resp: 304808
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 30.3 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: 51.096 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109347.D

Acq: 26 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

CL-02-092518-B

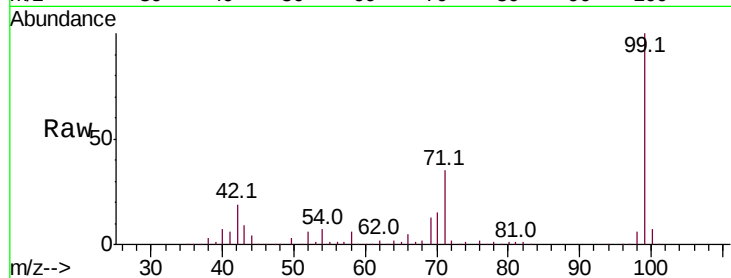
Tot Ion: 99 Resp: 398143

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

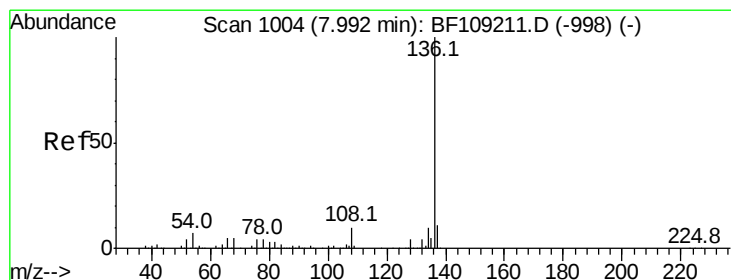
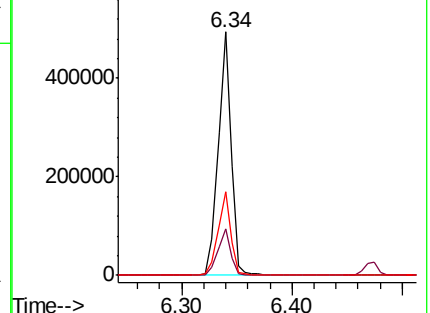
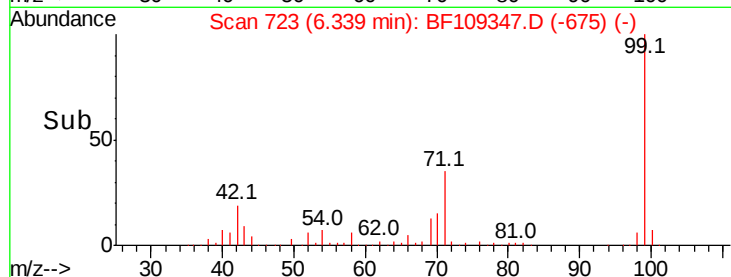
71 34.5 25.4 38.0



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: BF109347.D

Acq: 26 Sep 2018 19:55

Tgt Ion: 136 Resp: 396566

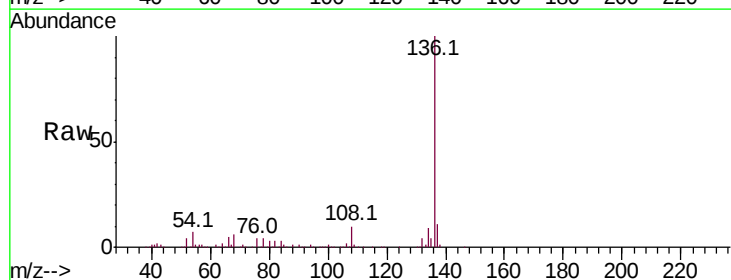
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 5.8 5.0 7.4

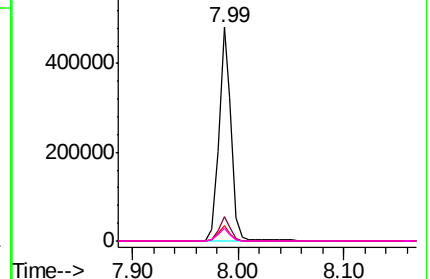
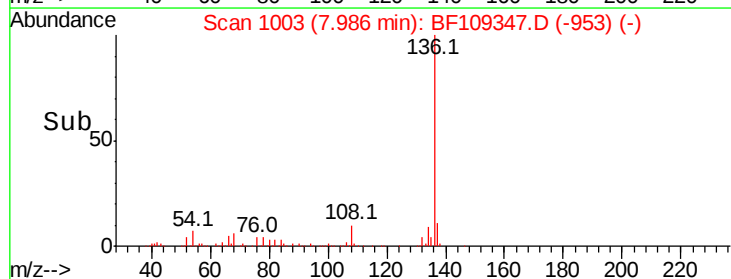


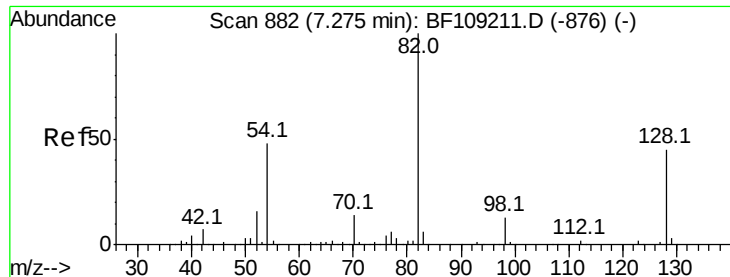
Abundance Ion 136.00 (135.70 to 136.70): E

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

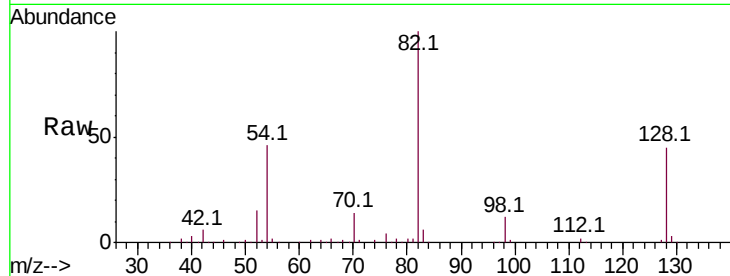




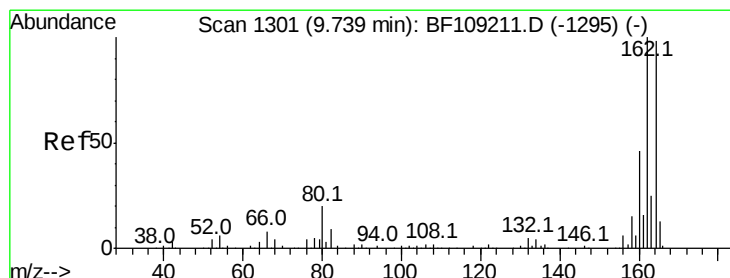
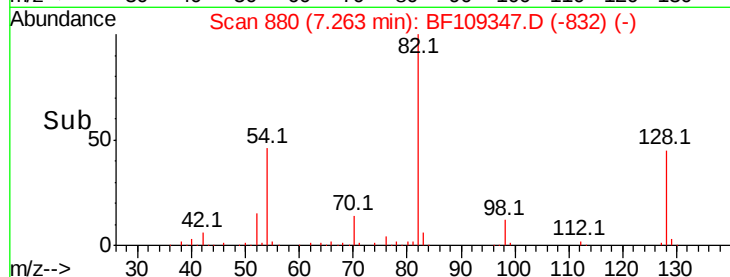
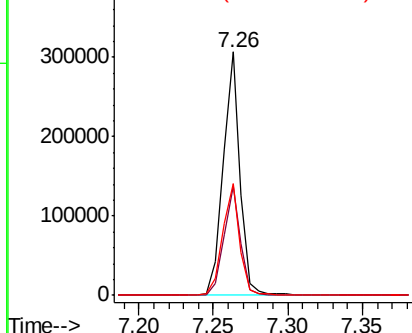
#23
 Nitrobenzene-d5
 Concen: 36.411 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109347.D
 Acq: 26 Sep 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-B

Tot Ion	82	Resp	244604
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	46.1	41.4	62.2

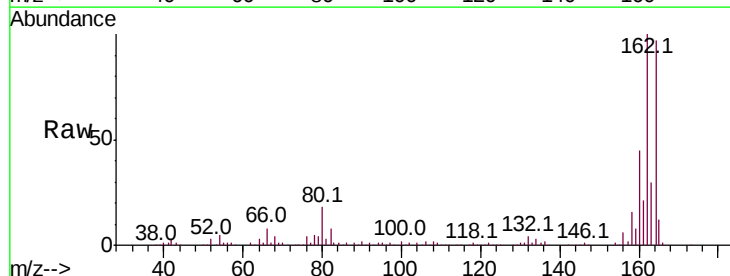


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

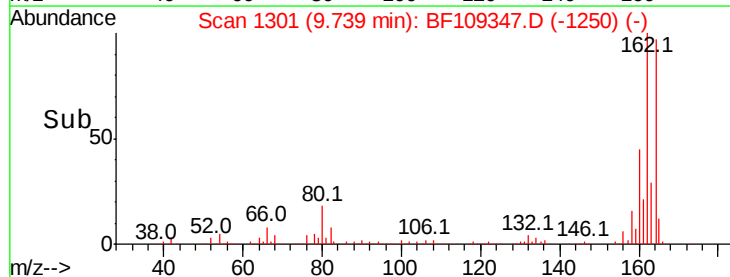
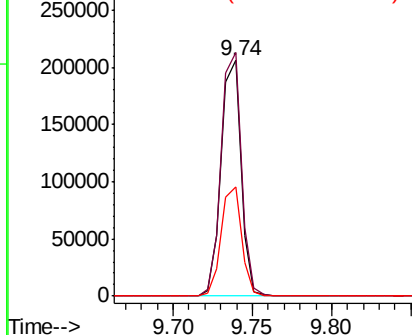


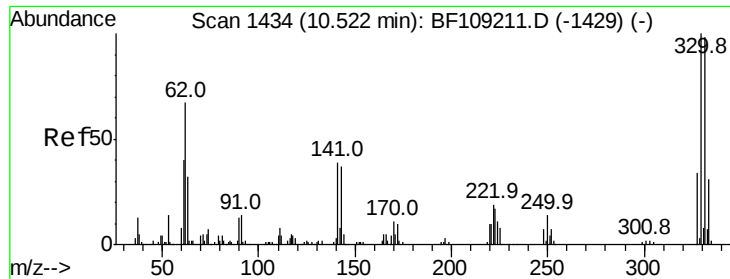
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109347.D
 Acq: 26 Sep 2018 19:55

Tgt Ion	164	Resp	180797
Ion Ratio	Lower	Upper	
164	100		
162	103.2	86.1	129.1
160	46.4	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

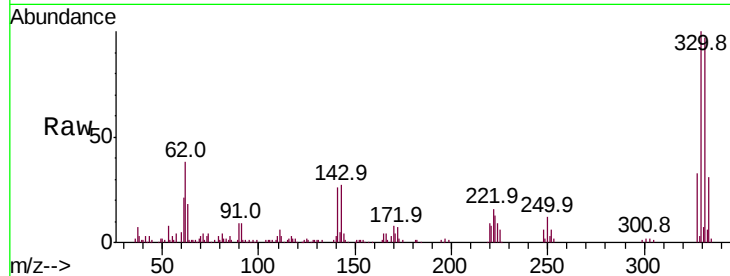




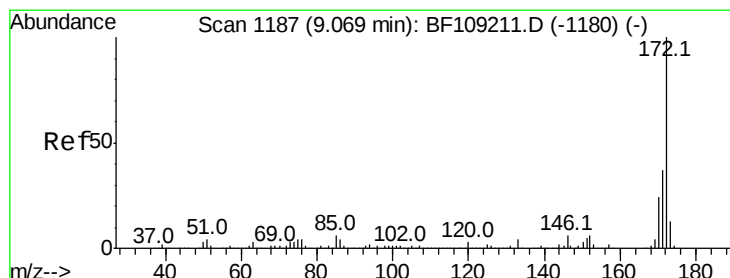
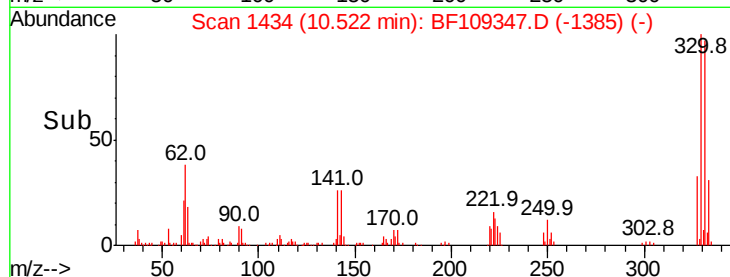
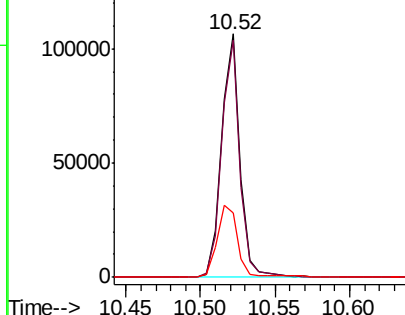
#41
 2,4,6-Tribromophenol
 Concen: 52.174 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109347.D
 Acq: 26 Sep 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.6	29.9	44.9

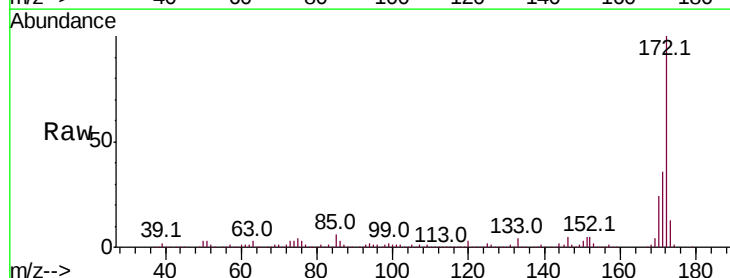


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

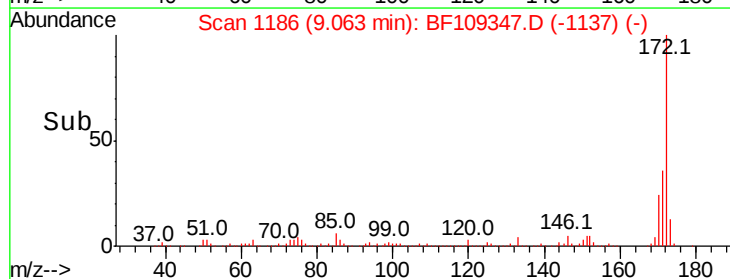
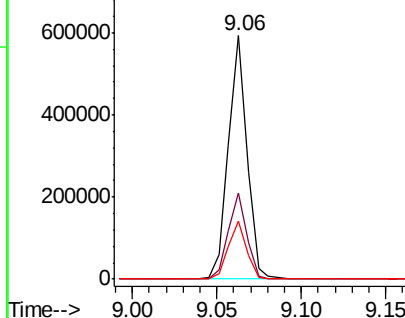


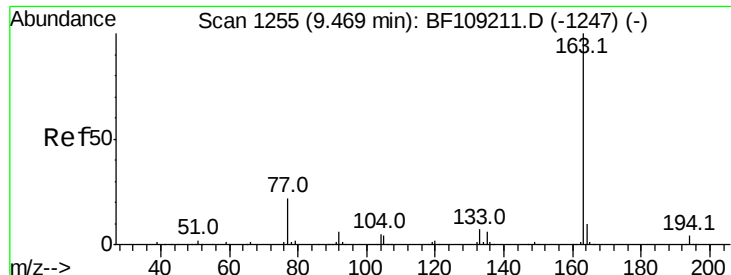
#44
 2-Fluorobiphenyl
 Concen: 37.844 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109347.D
 Acq: 26 Sep 2018 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	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

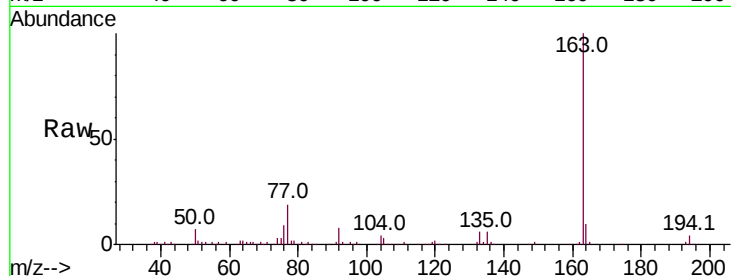




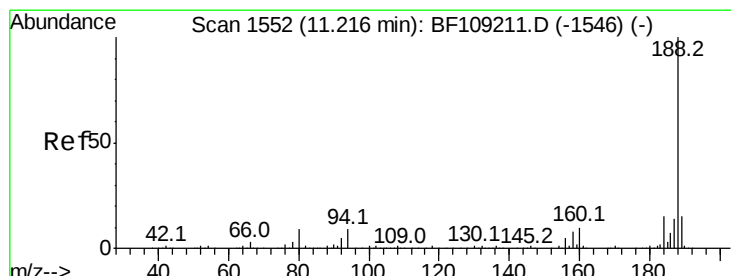
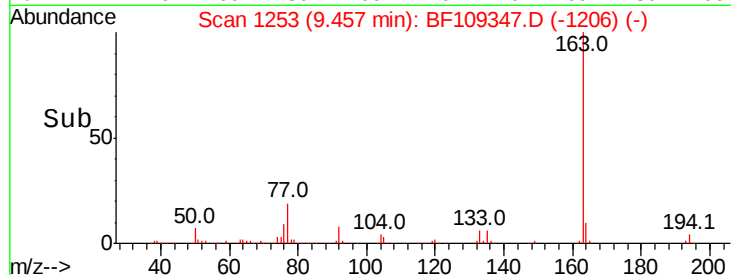
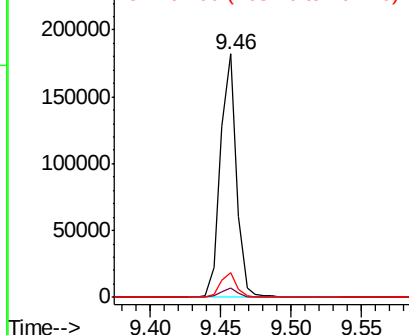
#49
Dimethylphthalate
Concen: 10.948 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109347.D
Acq: 26 Sep 2018 19:55

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-B

Tot Ion:163 Resp: 143966
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.9 8.2 12.2

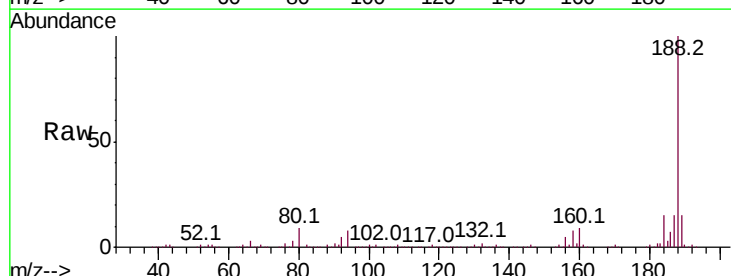


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

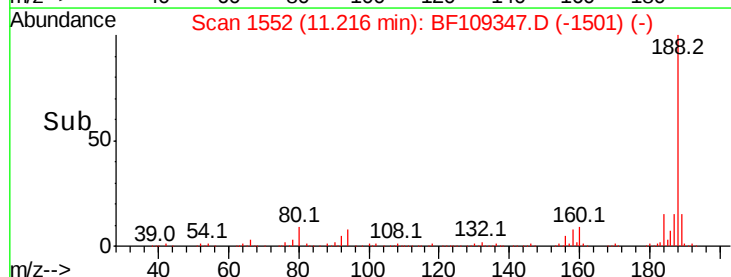
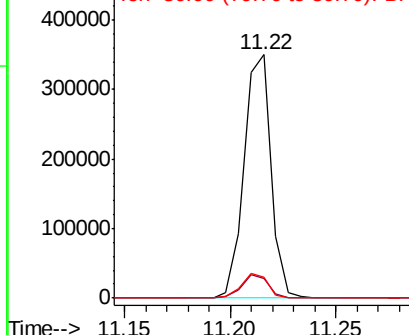


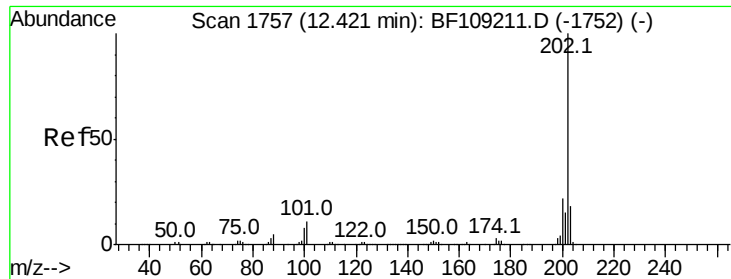
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109347.D
Acq: 26 Sep 2018 19:55

Tgt Ion:188 Resp: 309012
Ion Ratio Lower Upper
188 100
94 8.2 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





#74

Fluoranthene

Concen: 2.771 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109347.D

Acq: 26 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

CL-02-092518-B

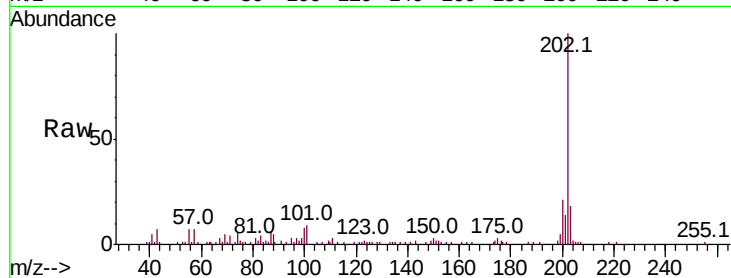
Tot Ion:202 Resp: 45682

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.1

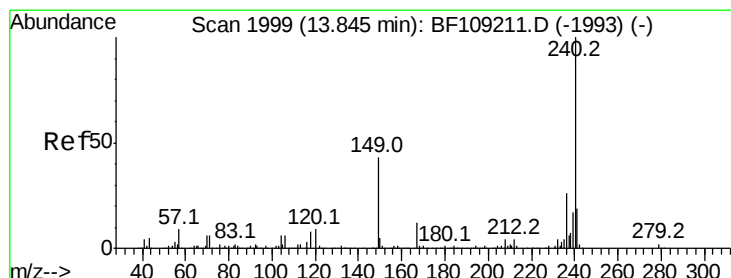
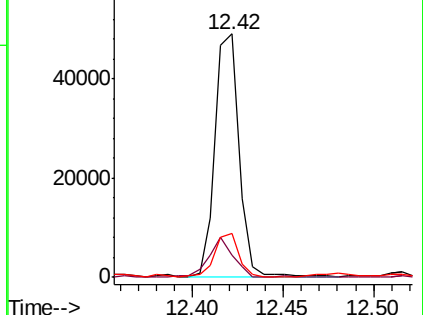
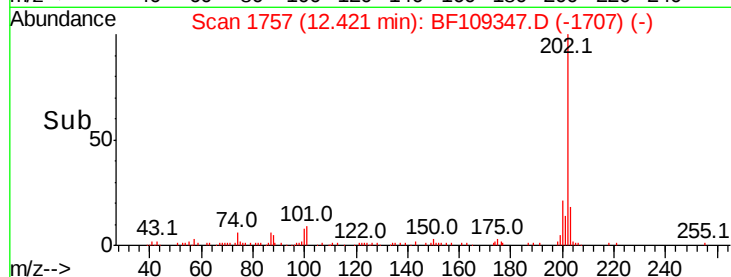
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109347.D

Acq: 26 Sep 2018 19:55

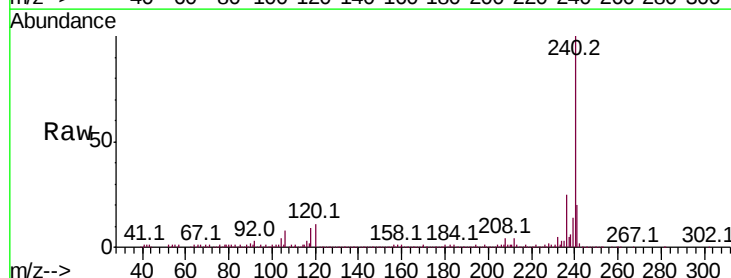
Tgt Ion:240 Resp: 276397

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

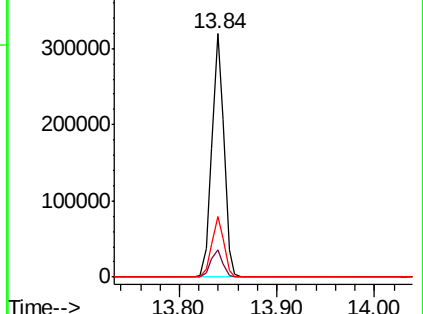
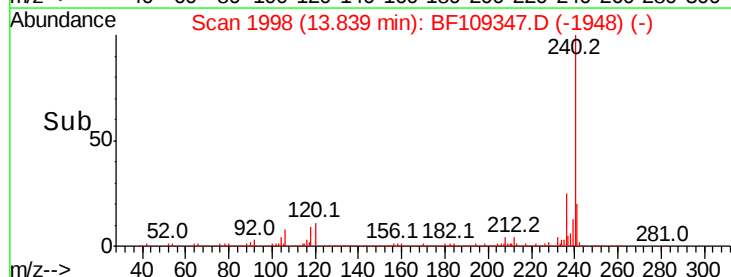
236 25.1 20.7 31.1

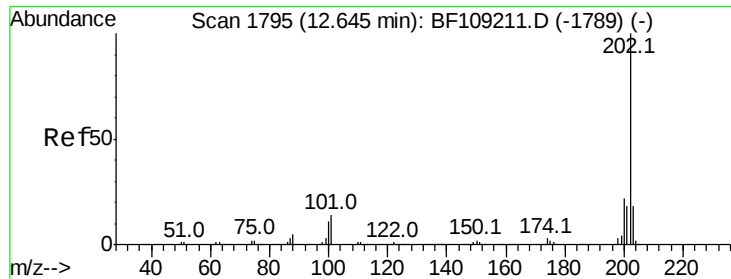


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

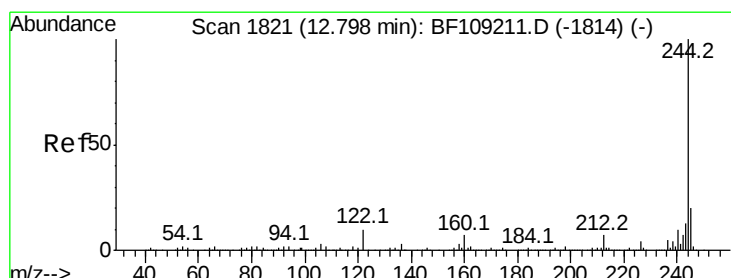
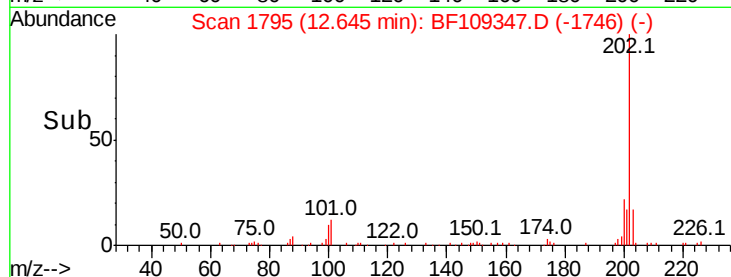
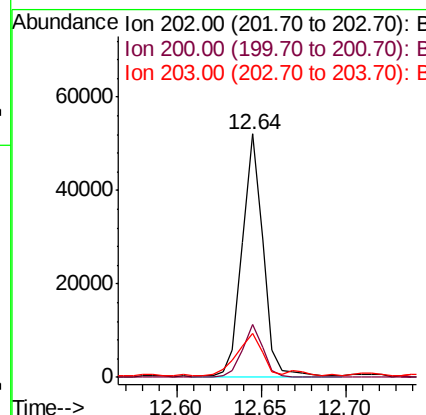
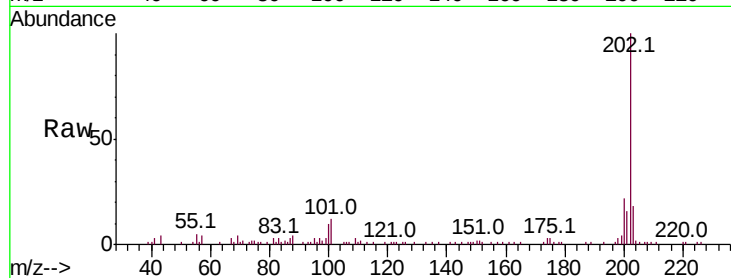




#77
Pvrene
Concen: 2.299 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109347.D
Acq: 26 Sep 2018 19:55

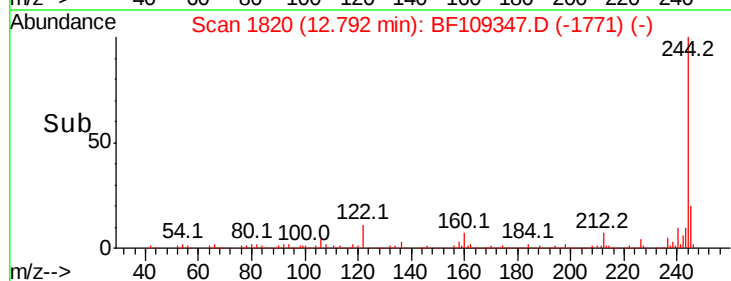
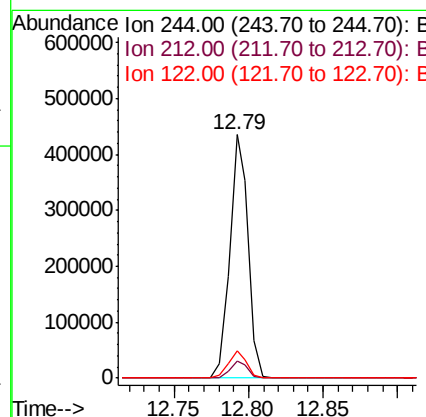
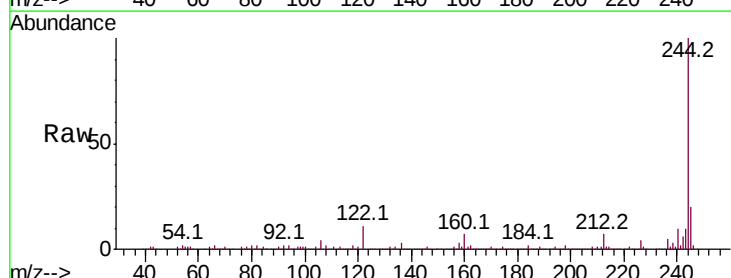
Instrument :
BNA_F
ClientSampleId :
CL-02-092518-B

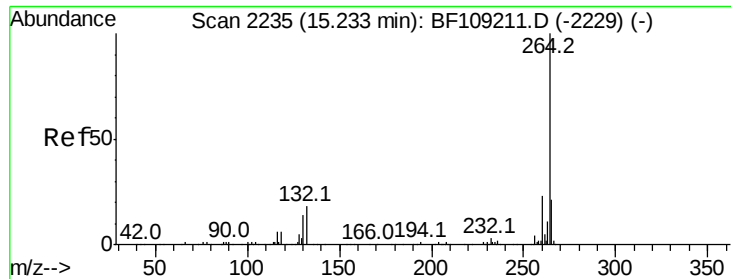
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.1	14.3	21.5



#78
Terphenyl-d14
Concen: 33.583 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109347.D
Acq: 26 Sep 2018 19:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.4	11.0	16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109347.D
 Acq: 26 Sep 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-B

Tot Ion:	264	Resp:	233505
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

