

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109380.D
 Acq On : 27 Sep 2018 12:17
 Operator : JU/SJ
 Sample : J4773-13RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 27 14:08:32 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

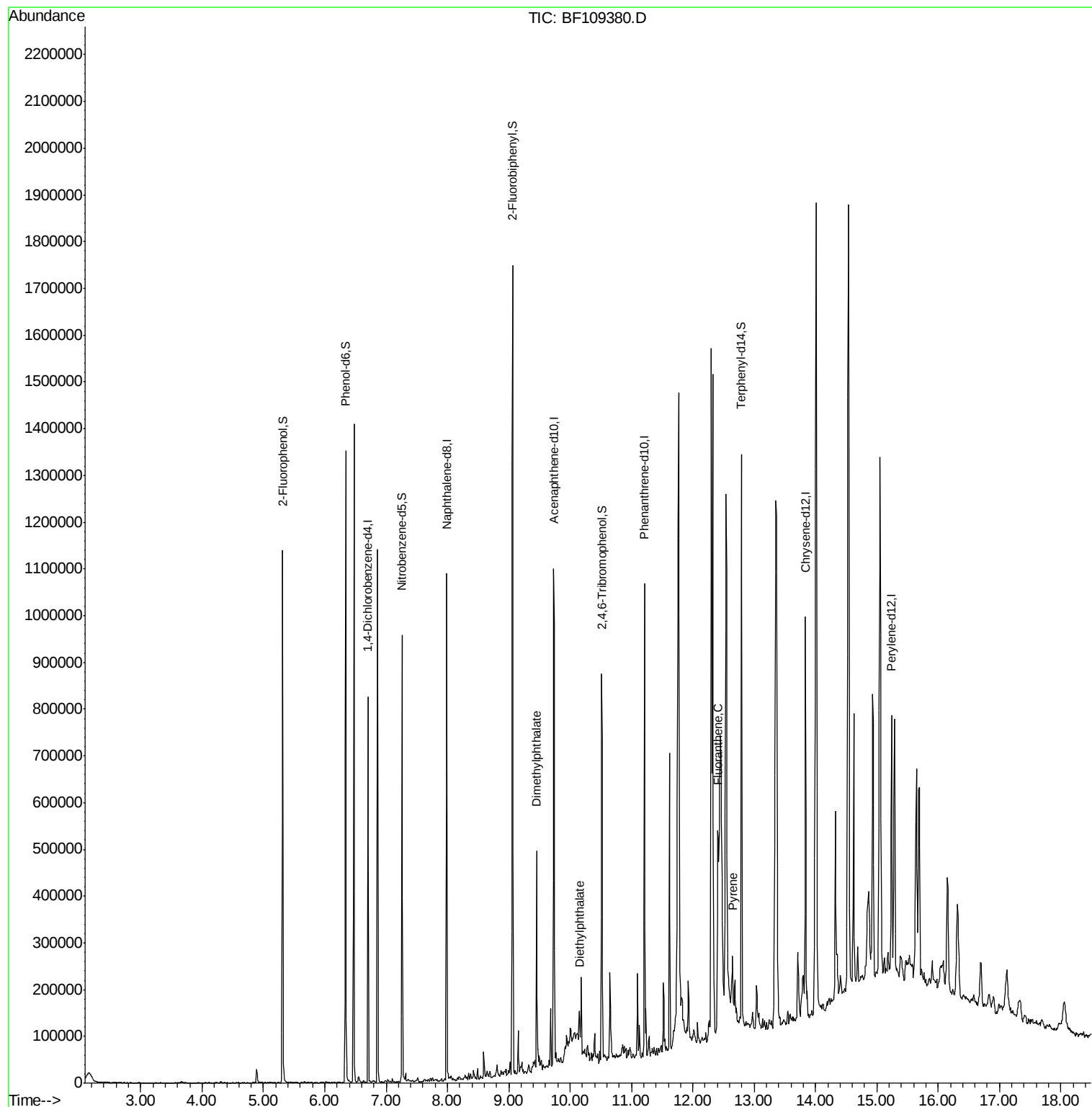
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	109551	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	419267	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	204146	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	367061	20.00	ng	0.00
75) Chrysene-d12	13.84	240	264971	20.00	ng	0.00
86) Perylene-d12	15.24	264	272677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	326876	49.15	ng	0.00
7) Phenol-d6	6.34	99	427746	50.40	ng	-0.02
23) Nitrobenzene-d5	7.26	82	268798	37.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	93511	46.47	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	488051	36.06	ng	-0.01
78) Terphenyl-d14	12.79	244	384609	35.62	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.46	163	160419	10.804	ng	98
59) Diethylphthalate	10.15	149	34190	2.274	ng	95
74) Fluoranthene	12.42	202	47178	2.409	ng	96
77) Pyrene	12.64	202	44269	2.331	ng	100

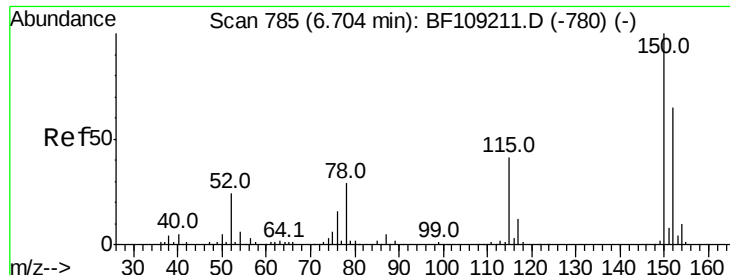
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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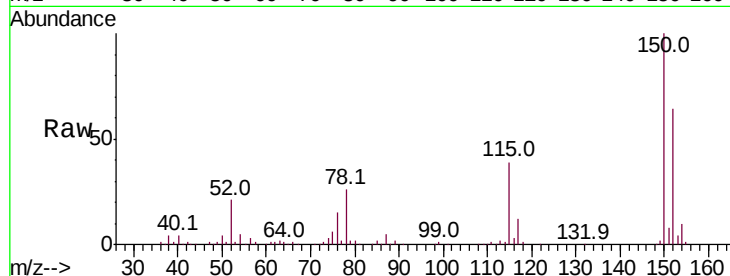


#1

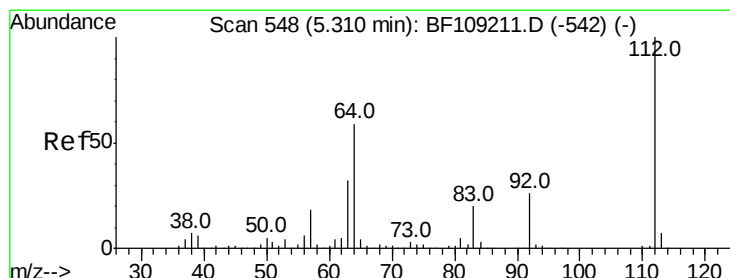
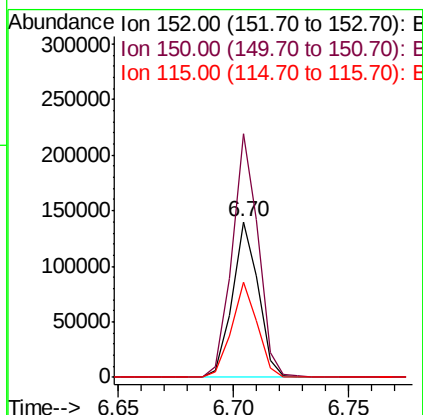
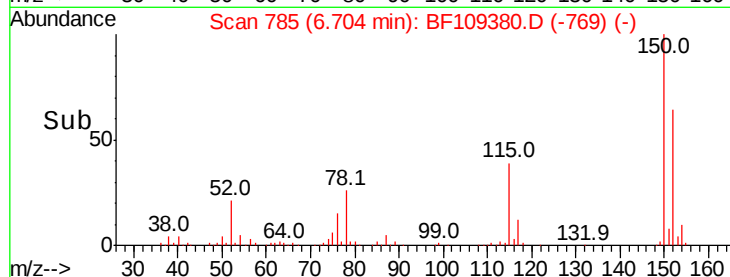
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109380.D
 Acq: 27 Sep 2018 12:17

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

Tot Ion:152 Resp: 109551
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 61.5 50.1 75.1



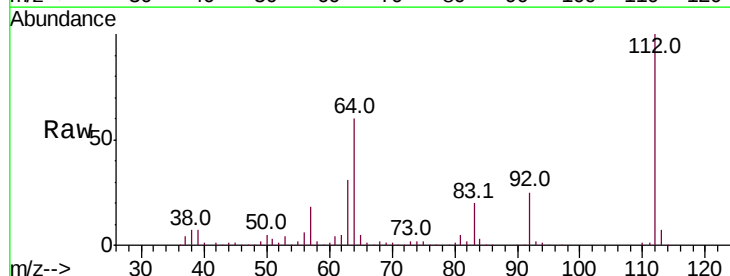
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



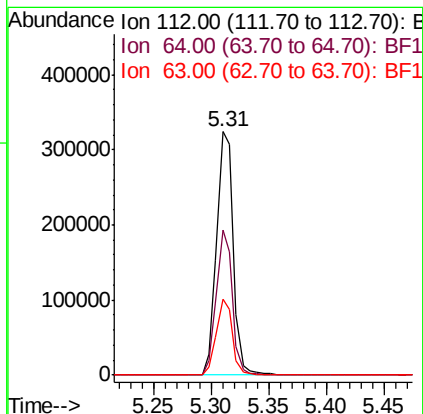
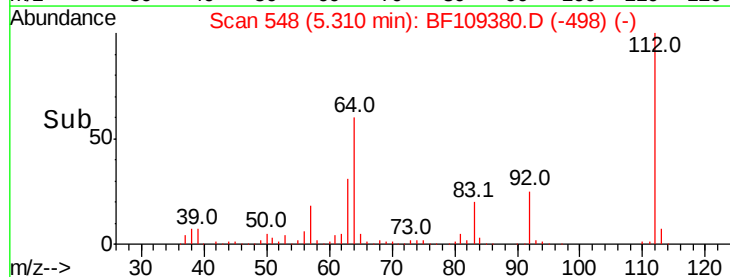
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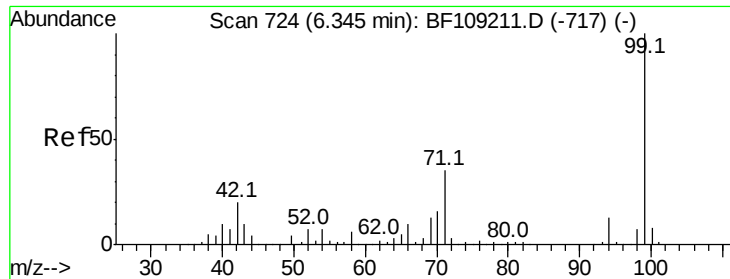
2-Fluorophenol
 Concen: 49.145 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109380.D
 Acq: 27 Sep 2018 12:17

Tgt Ion:112 Resp: 326876
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 31.3 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: 50.399 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109380.D

Acq: 27 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

CL-02-092518-BRE

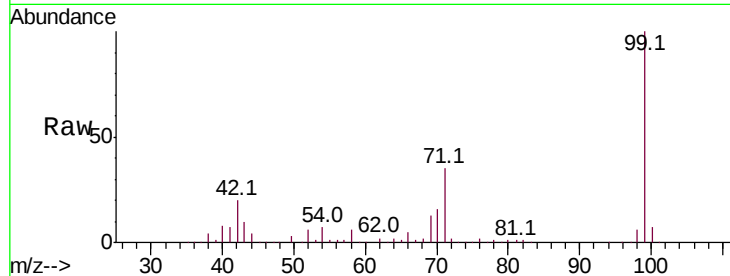
Tot Ion: 99 Resp: 427746

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 34.8 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

600000

500000

400000

300000

200000

100000

0

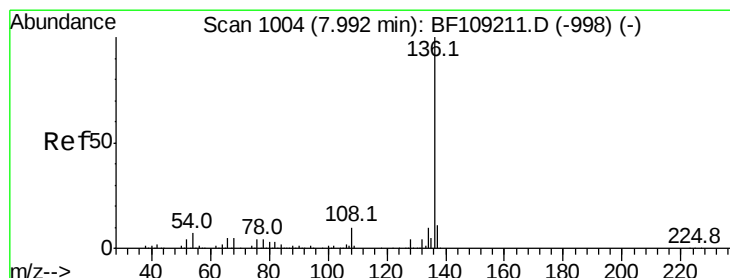
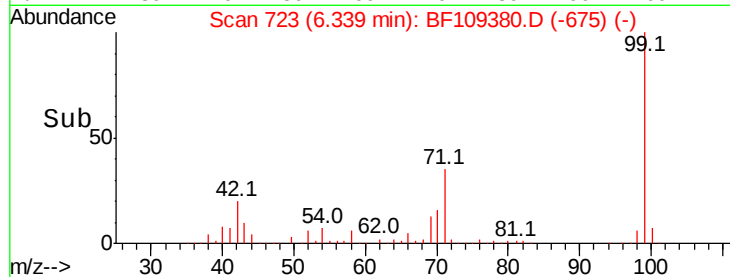
6.30

6.34

6.40

6.50

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109380.D

Acq: 27 Sep 2018 12:17

Tgt Ion: 136 Resp: 419267

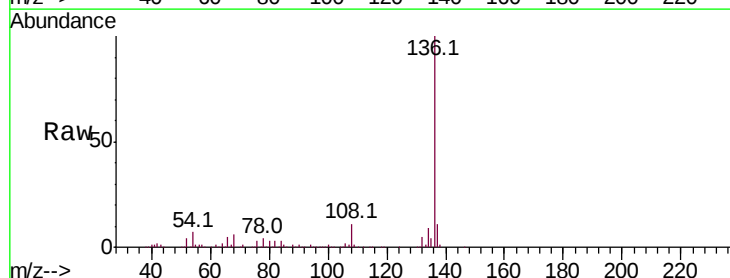
Ion Ratio Lower Upper

136 100

137 10.7 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

800000

600000

400000

200000

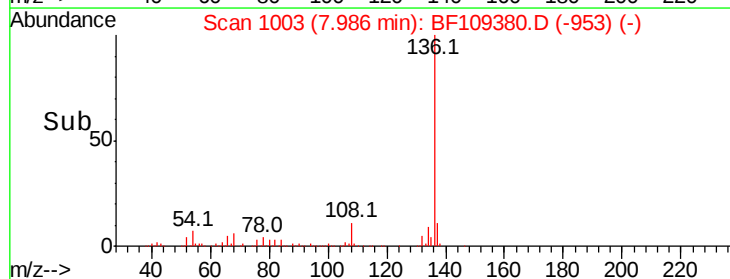
0

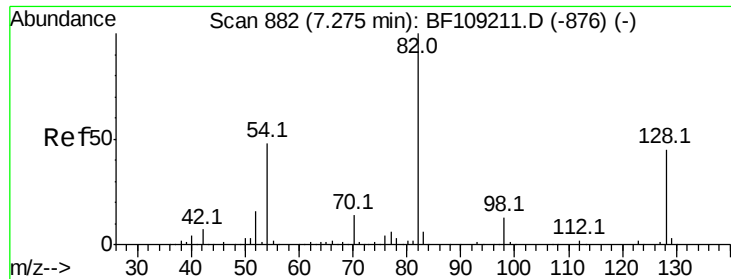
7.95

7.99

8.05

Time-->

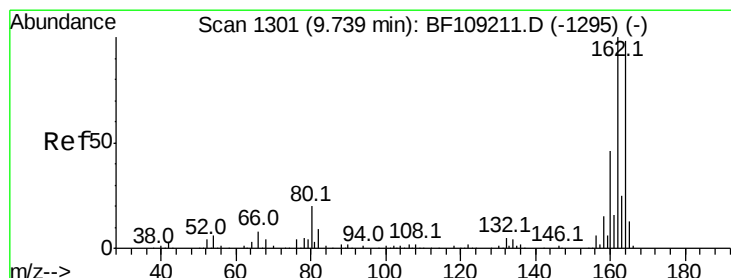
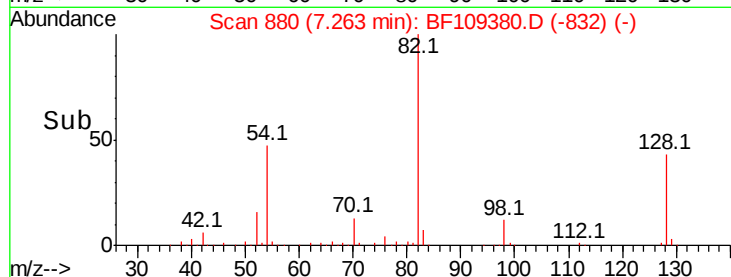
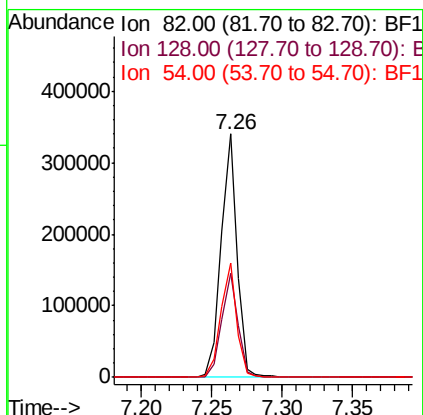
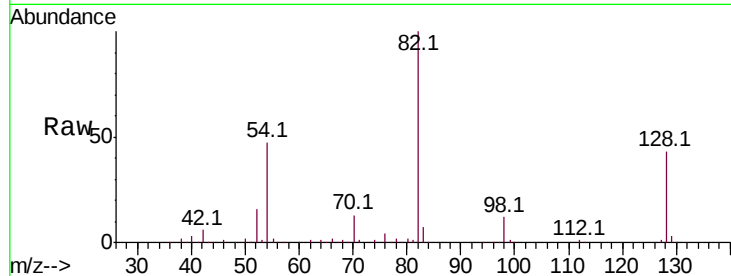




#23
 Nitrobenzene-d5
 Concen: 37.846 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109380.D
 Acq: 27 Sep 2018 12:17

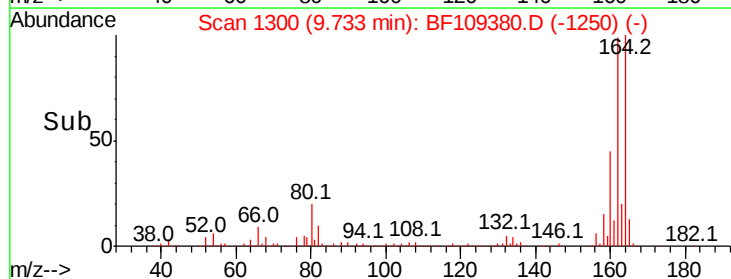
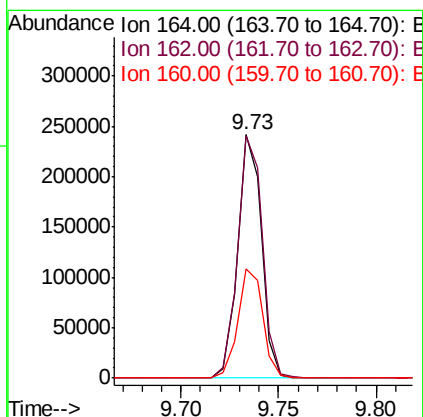
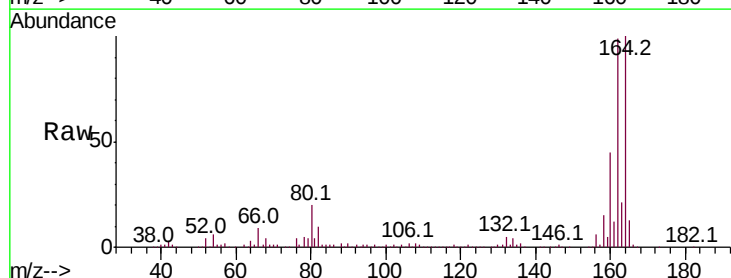
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-BRE

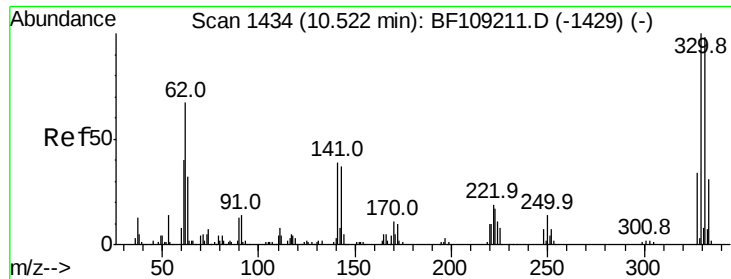
Tot Ion	82	Resp	268798
Ion Ratio	Lower	Upper	
82	100		
128	42.6	36.1	54.1
54	46.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109380.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	164	Resp	204146
Ion Ratio	Lower	Upper	
164	100		
162	99.5	86.1	129.1
160	44.8	38.3	57.5

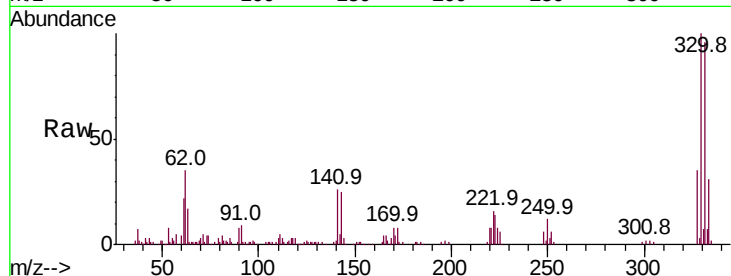




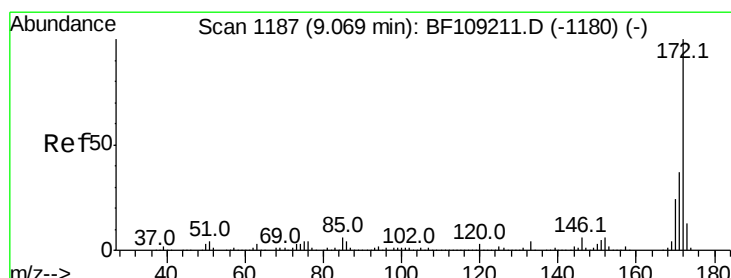
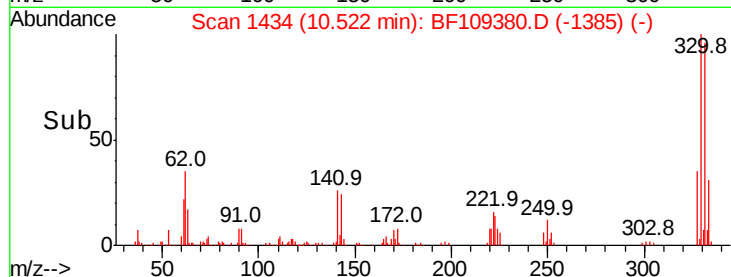
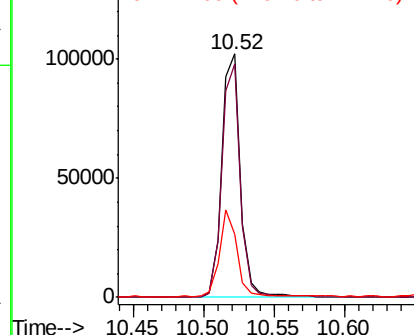
#41
 2,4,6-Tribromophenol
 Concen: 46.466 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109380.D
 Acq: 27 Sep 2018 12:17

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	35.1	29.9	44.9

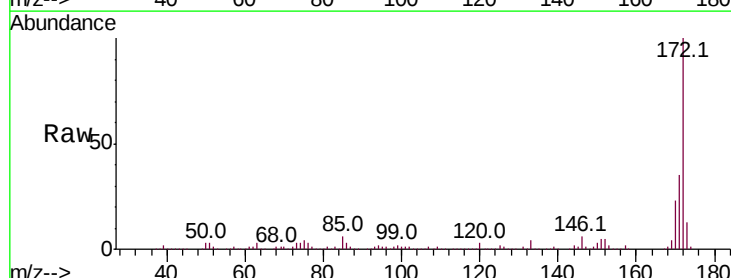


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

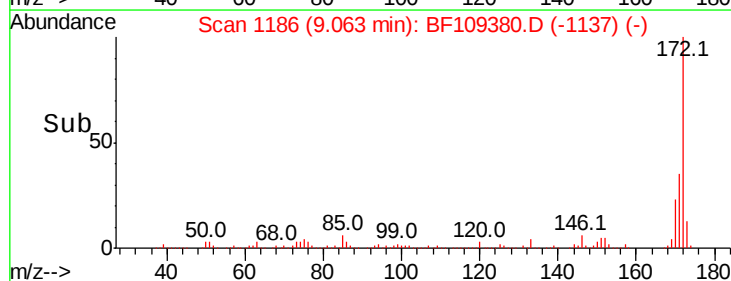
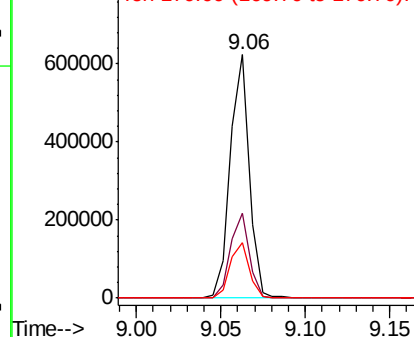


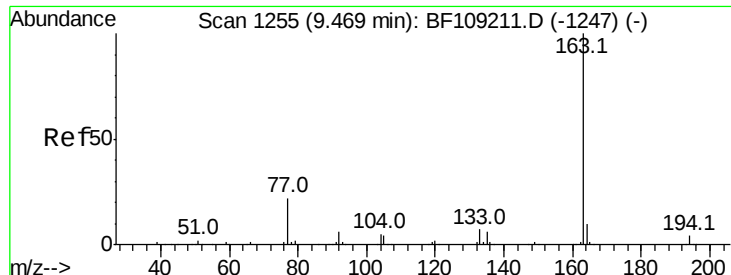
#44
 2-Fluorobiphenyl
 Concen: 36.056 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109380.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.0	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

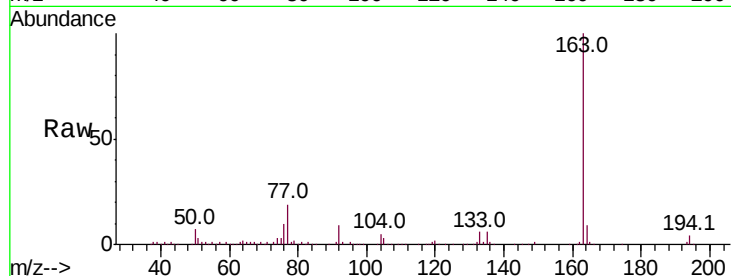




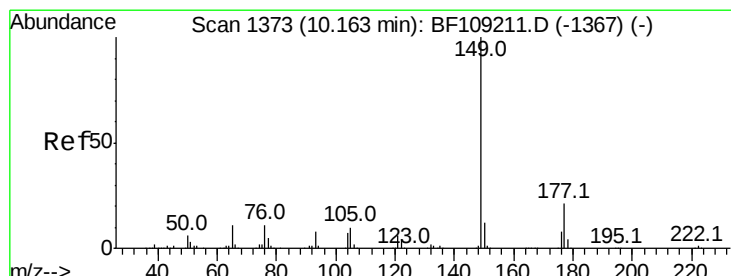
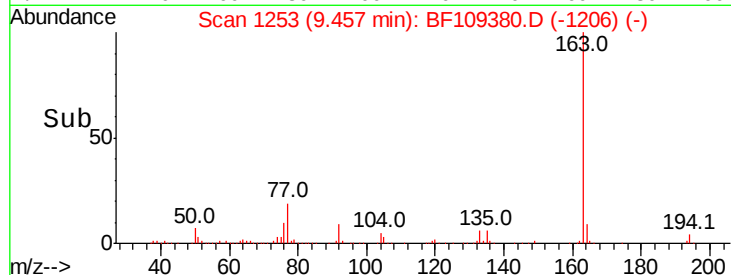
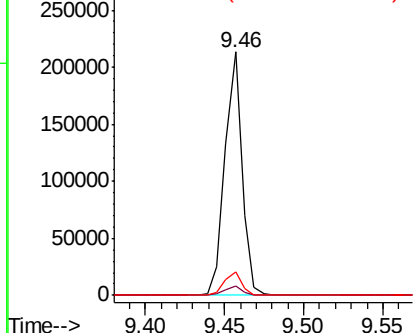
#49
Dimethylphthalate
Concen: 10.804 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109380.D
Acq: 27 Sep 2018 12:17

Instrument :
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ClientSampleId :
CL-02-092518-BRE

Tot Ion:163 Resp: 160419
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.5 8.2 12.2

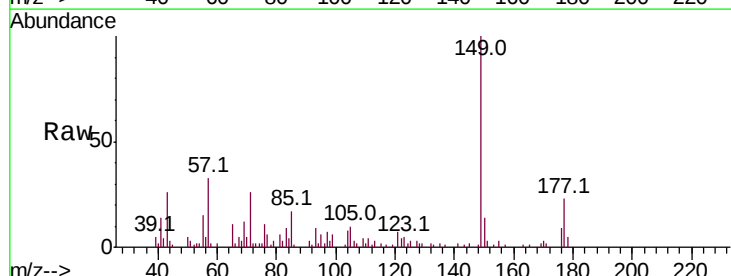


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

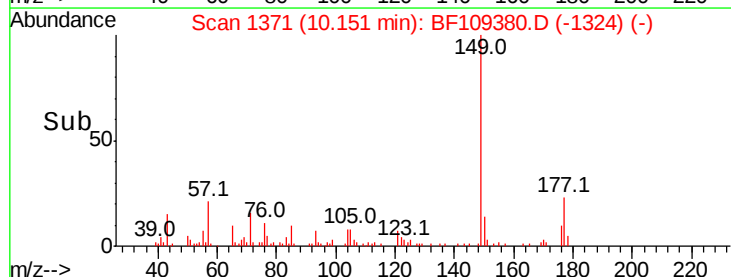
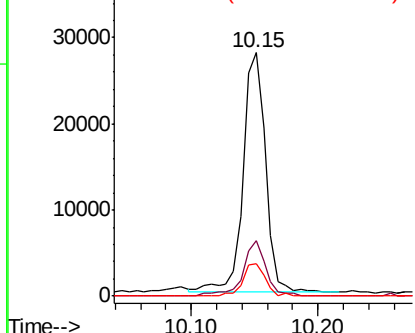


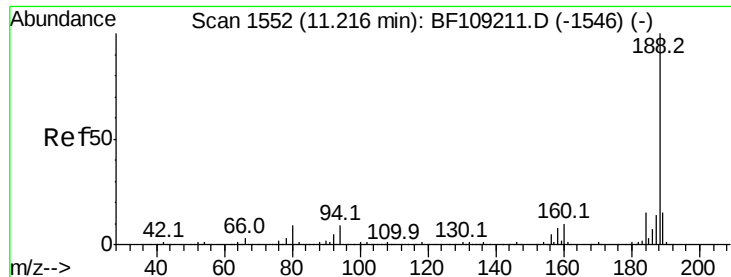
#59
Diethylphthalate
Concen: 2.274 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF109380.D
Acq: 27 Sep 2018 12:17

Tgt Ion:149 Resp: 34190
Ion Ratio Lower Upper
149 100
177 22.8 16.1 24.1
150 13.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

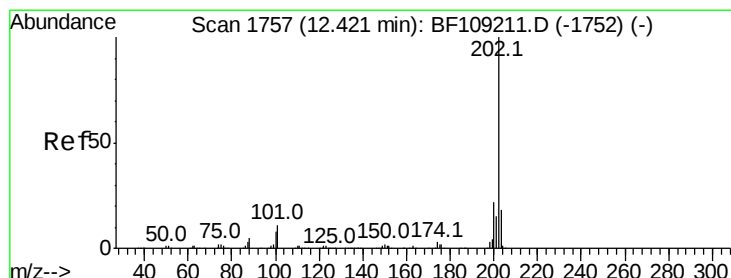
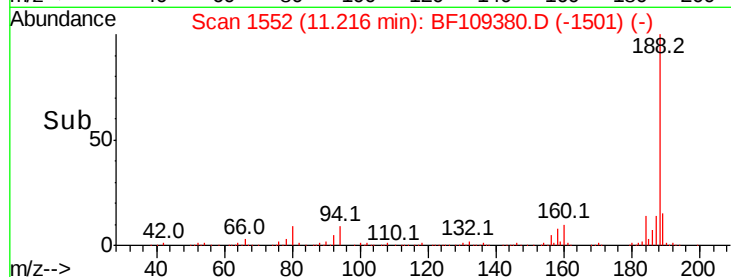
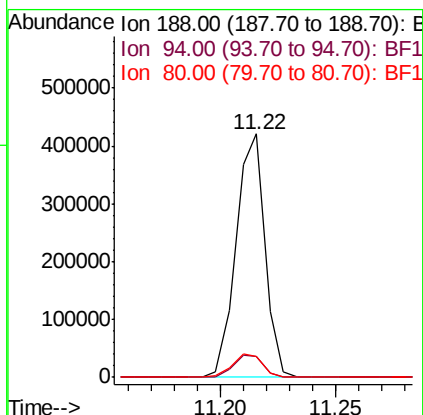
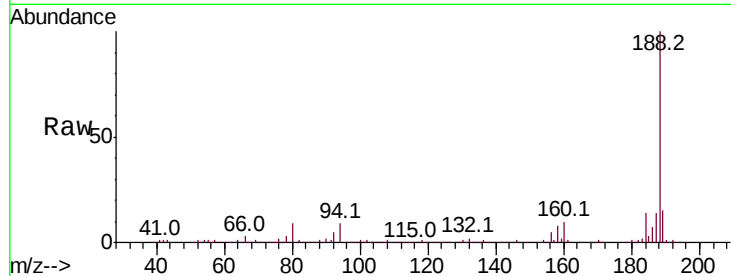




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109380.D
Acq: 27 Sep 2018 12:17

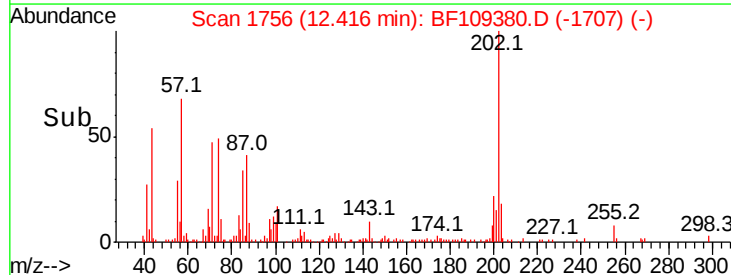
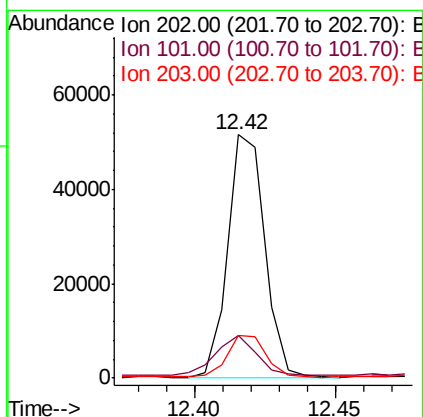
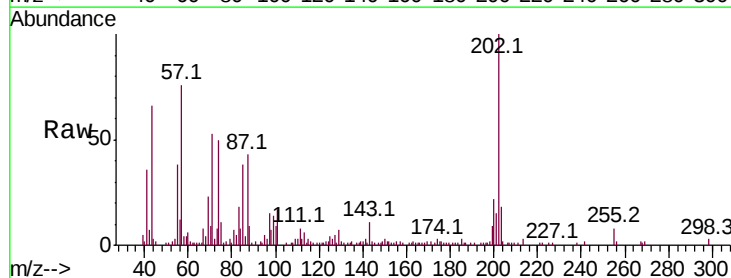
Instrument :
BNA_F
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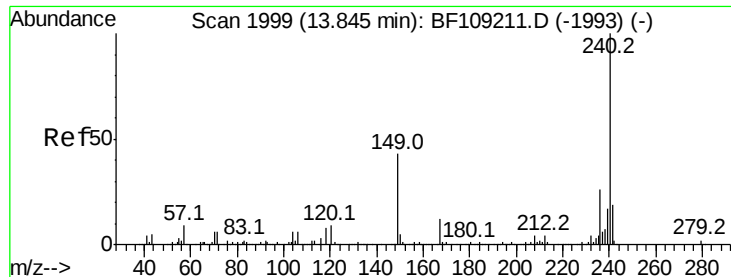
Tot Ion:188 Resp: 367061
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 8.7 9.2 13.8#



#74
Fluoranthene
Concen: 2.409 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109380.D
Acq: 27 Sep 2018 12:17

Tgt Ion:202 Resp: 47178
Ion Ratio Lower Upper
202 100
101 17.3 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109380.D

Acq: 27 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

CL-02-092518-BRE

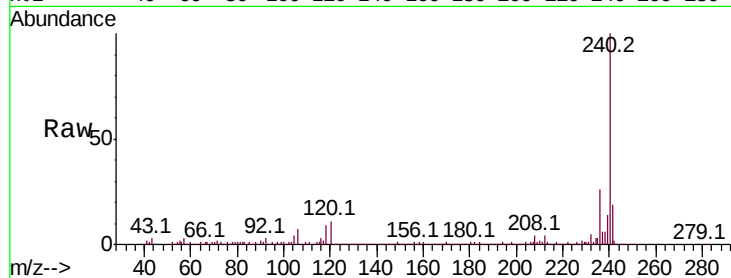
Tot Ion:240 Resp: 264971

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

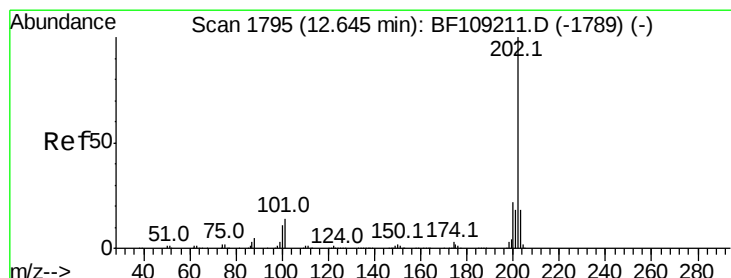
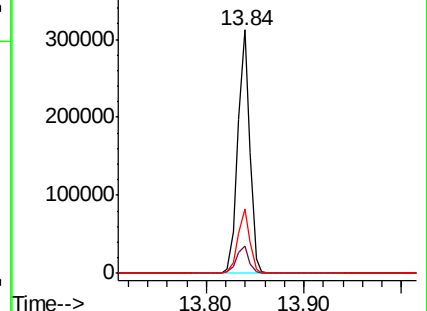
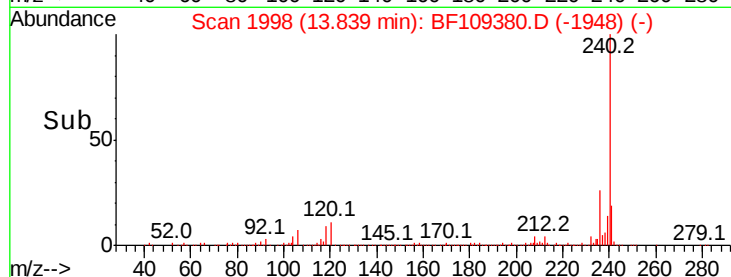
236 26.2 20.7 31.1



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

Pyrene

Concen: 2.331 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109380.D

Acq: 27 Sep 2018 12:17

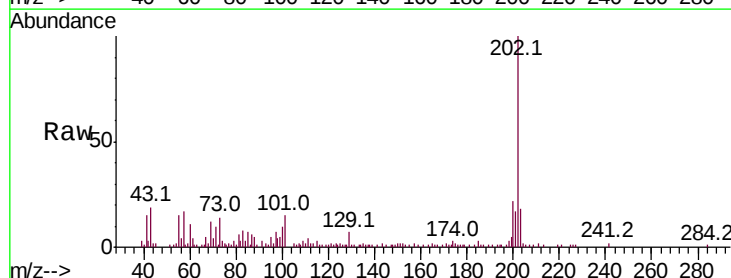
Tgt Ion:202 Resp: 44269

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

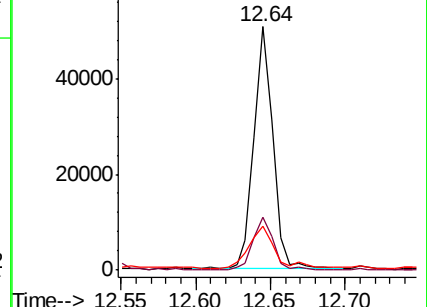
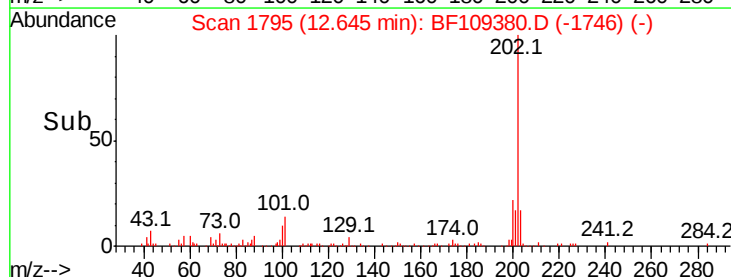
203 18.0 14.3 21.5

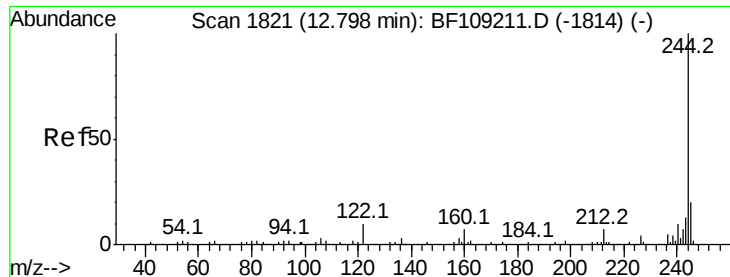


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 35.623 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109380.D

Acq: 27 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

CL-02-092518-BRE

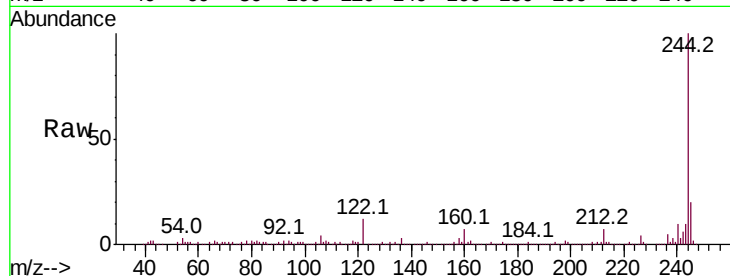
Tot Ion:244 Resp: 384609

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

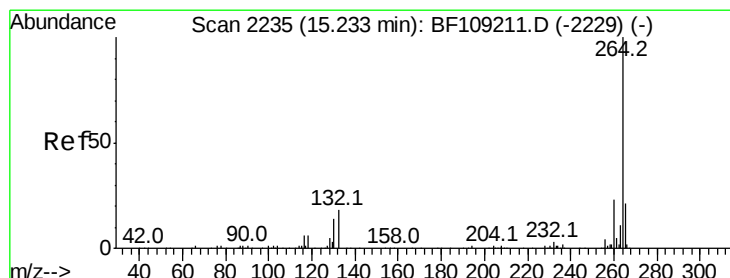
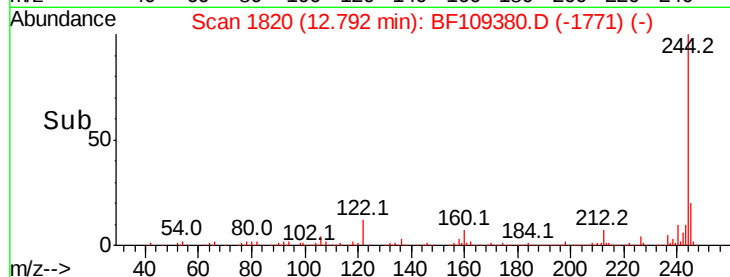
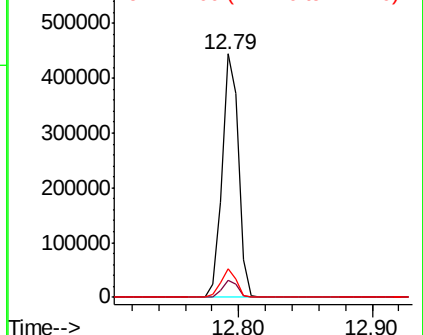
122 11.9 11.0 16.4



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: BF109380.D

Acq: 27 Sep 2018 12:17

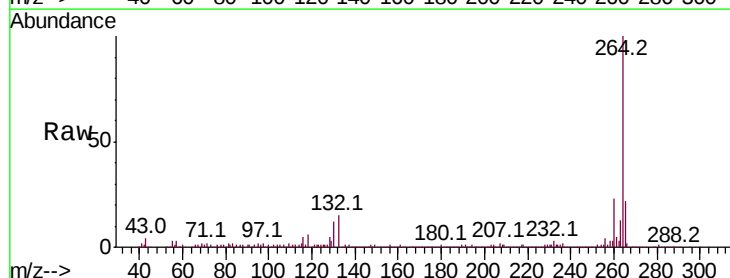
Tgt Ion:264 Resp: 272677

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.8 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

