

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111192.D
 Acq On : 7 Dec 2018 17:42
 Operator : JU/SJ
 Sample : J6214-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)

Quant Time: Dec 08 01:33:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

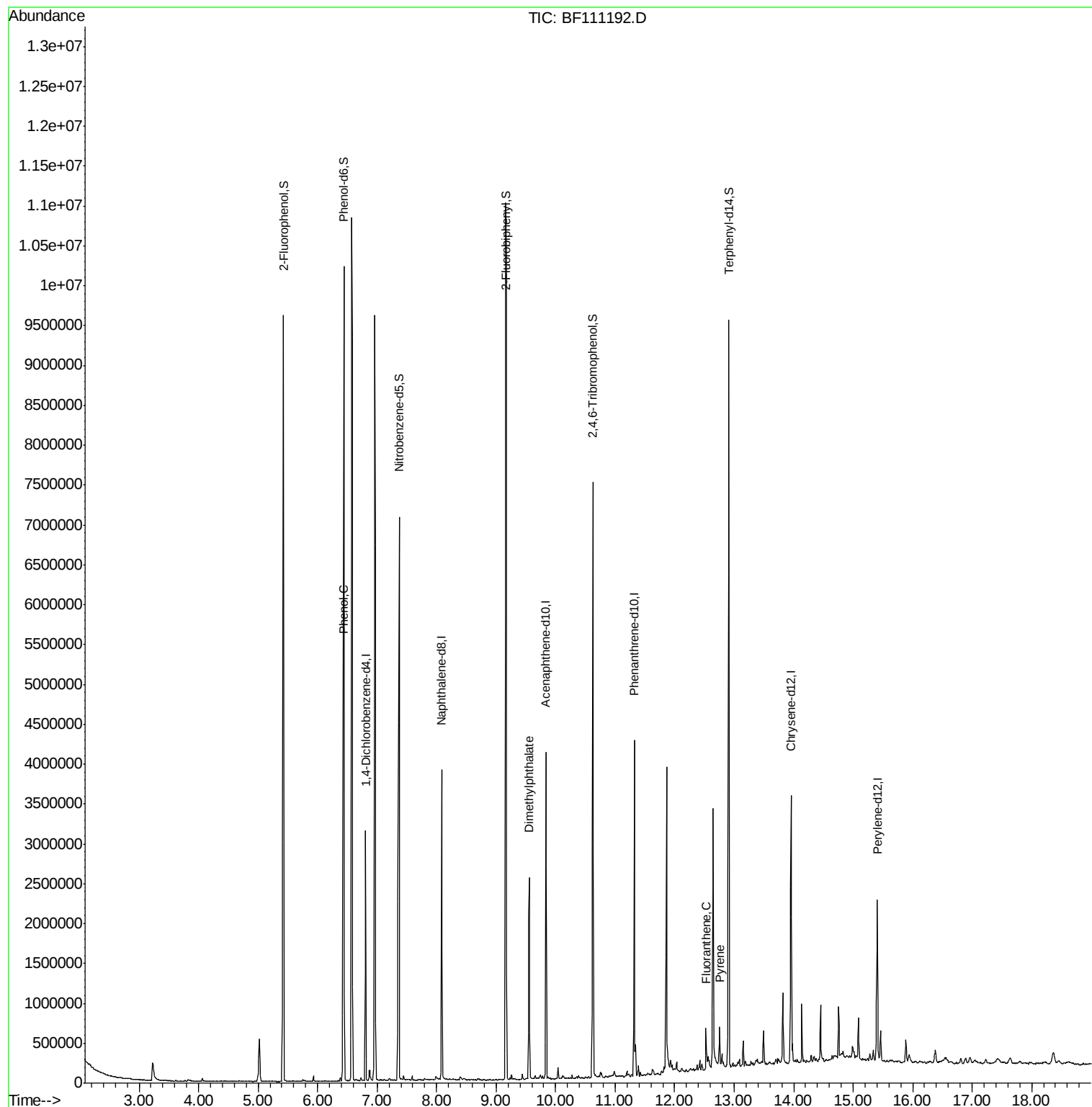
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	390873	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1550194	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	753546	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1374235	20.00	ng	0.00
76) Chrysene-d12	13.96	240	997100	20.00	ng	0.00
87) Perylene-d12	15.40	264	895516	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2886977	115.25	ng	0.01
7) Phenol-d6	6.44	99	3741726	115.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	2526559	96.49	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	813169	135.76	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3528346	87.01	ng	0.00
79) Terphenyl-d14	12.91	244	3046228	62.57	ng	0.00
Target Compounds						
10) Phenol	6.45	94	267400	7.600	ng	90
50) Dimethylphthalate	9.56	163	946363	18.045	ng	97
75) Fluoranthene	12.53	202	197800	3.058	ng	94
78) Pyrene	12.76	202	187190	2.410	ng	94

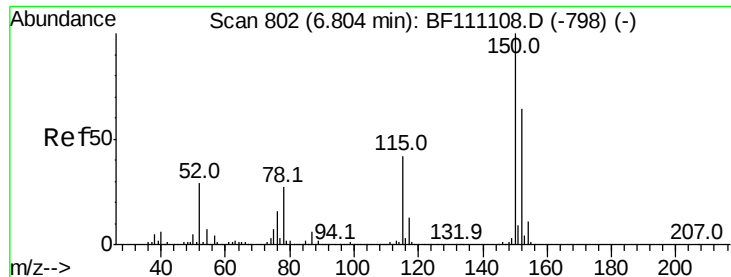
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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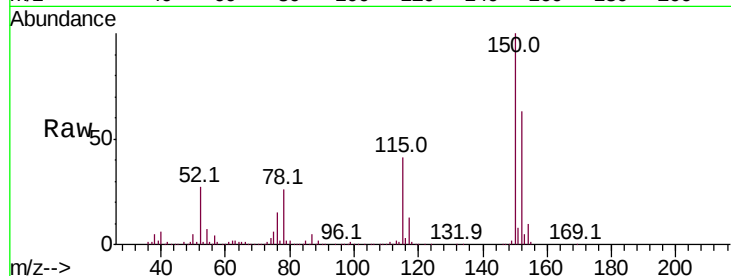


#1

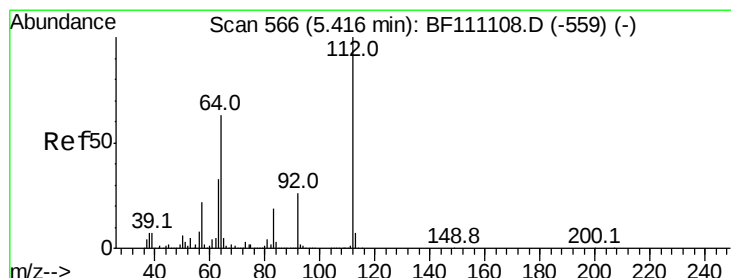
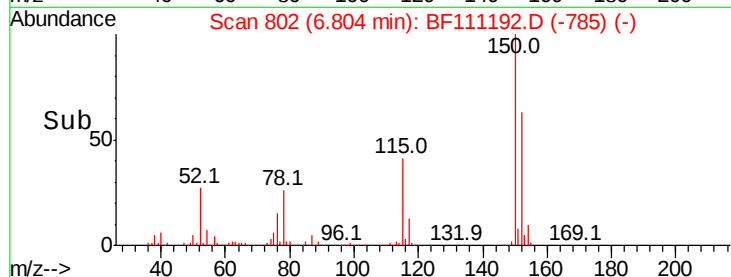
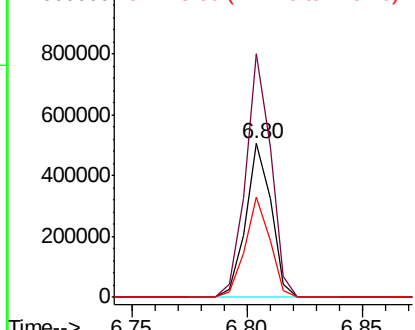
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)

Tot Ion:152 Resp: 390873
Ion Ratio Lower Upper
152 100
150 158.7 124.6 187.0
115 65.1 52.2 78.2



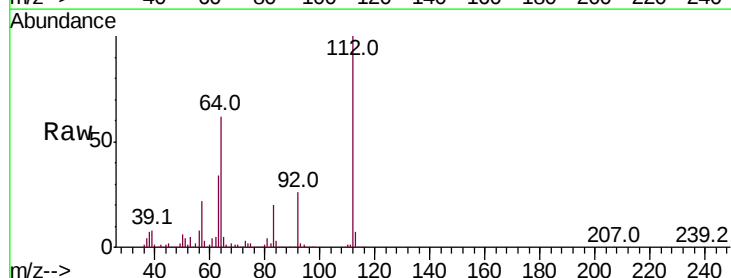
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



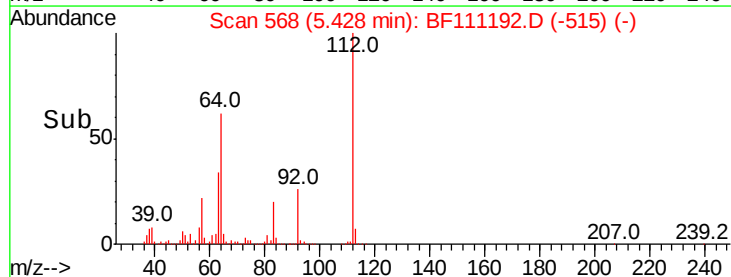
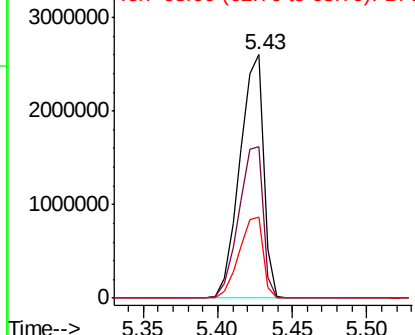
#5

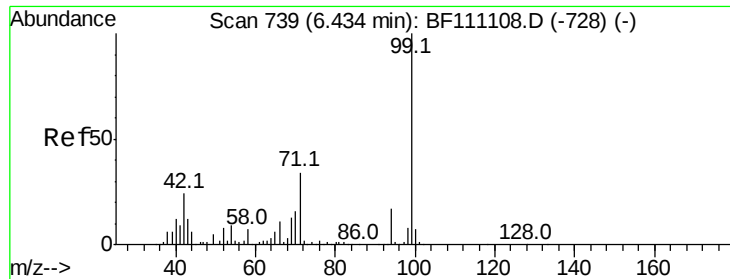
2-Fluorophenol
Concen: 115.255 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Tgt Ion:112 Resp: 2886977
Ion Ratio Lower Upper
112 100
64 62.3 50.2 75.4
63 33.5 26.6 39.8



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: 115.961 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111192.D

Acq: 7 Dec 2018 17:42

Instrument :

BNA_F

ClientSampleId :

SB-8(13-15)

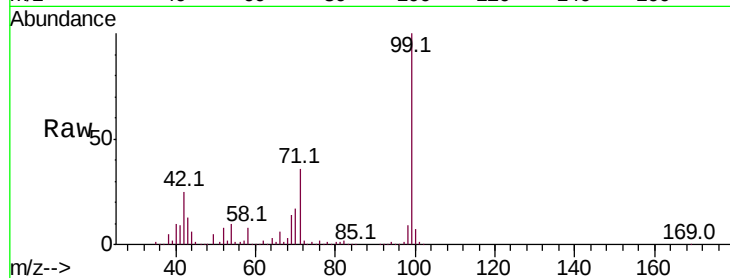
Tot Ion: 99 Resp: 3741726

Ion	Ratio	Lower	Upper
99	100		
42	25.2	19.3	28.9
71	36.4	27.4	41.2

99 100

42 25.2 19.3 28.9

71 36.4 27.4 41.2



Abundance

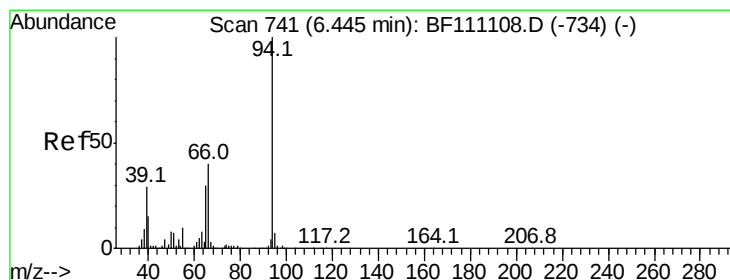
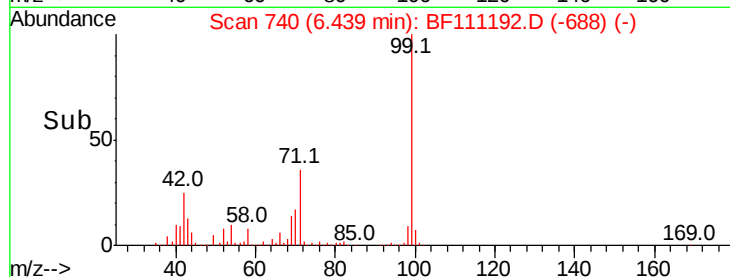
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.44

Time-->



#10

Phenol

Concen: 7.600 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111192.D

Acq: 7 Dec 2018 17:42

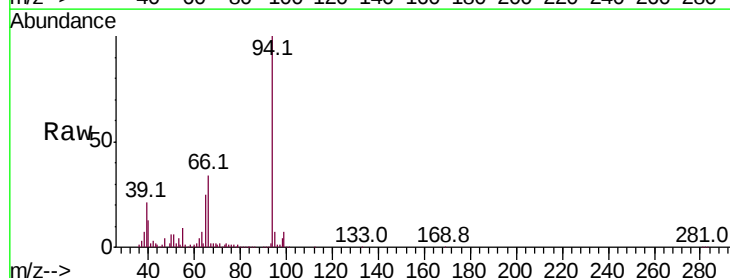
Tgt Ion: 94 Resp: 267400

Ion	Ratio	Lower	Upper
94	100		
65	25.5	10.5	50.5
66	33.6	19.8	59.8

94 100

65 25.5 10.5 50.5

66 33.6 19.8 59.8



Abundance

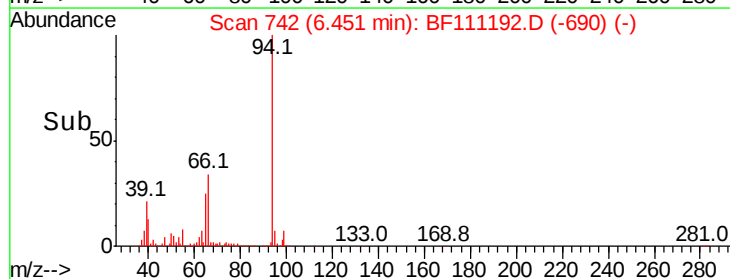
Ion 94.00 (93.70 to 94.70): BF1

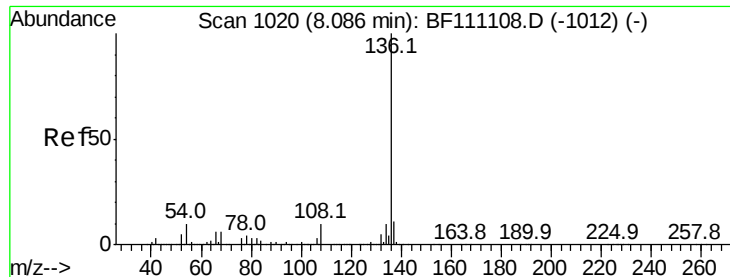
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.45

Time-->

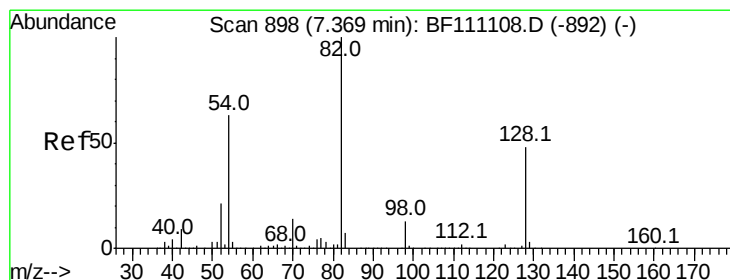
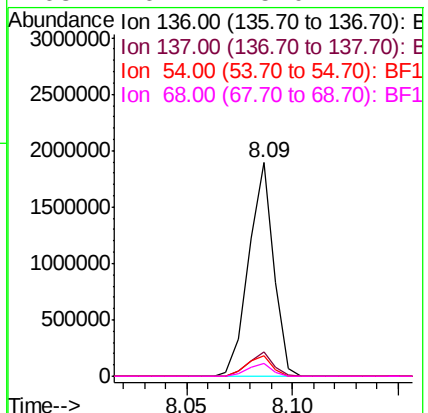
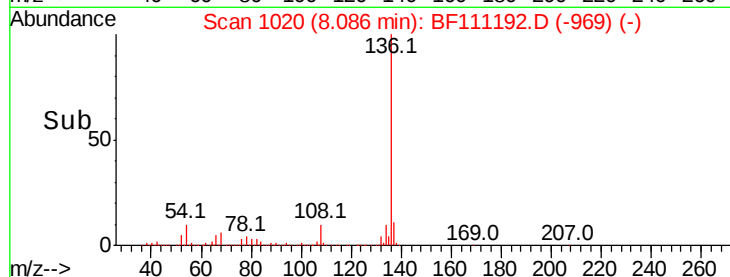
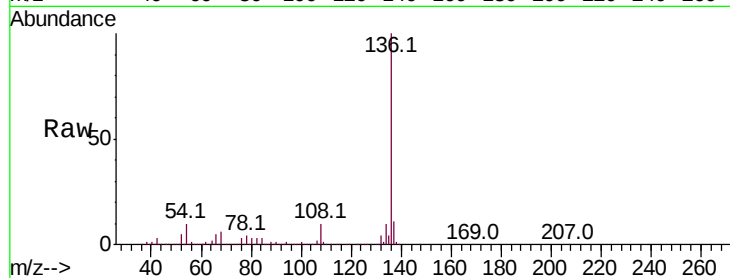




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

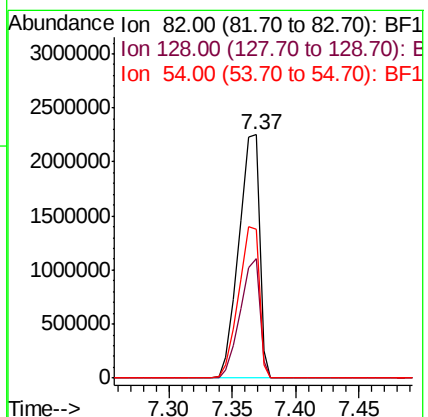
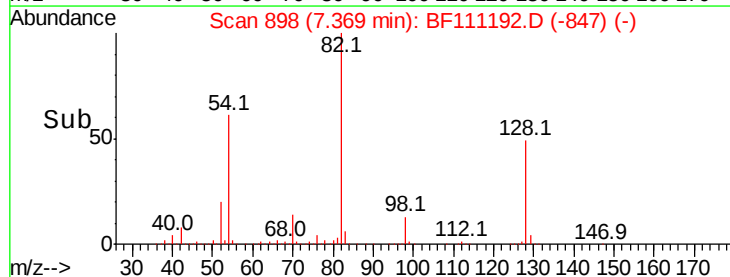
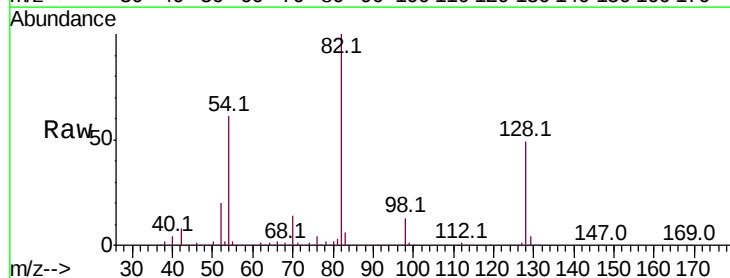
Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)

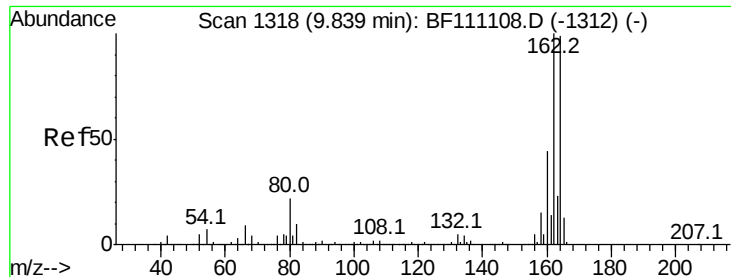
Tot Ion:	136	Resp:	1550194
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.5	8.4	12.6
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 96.492 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Tgt Ion:	82	Resp:	2526559
Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.1	57.1
54	61.0	50.3	75.5

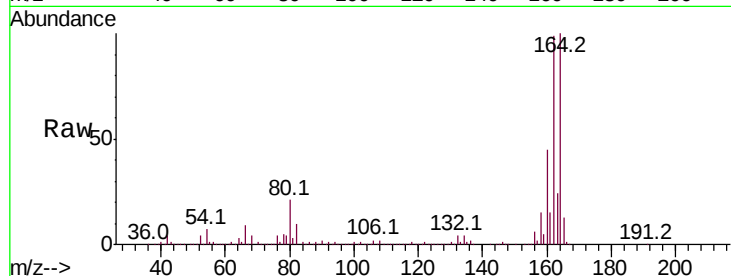




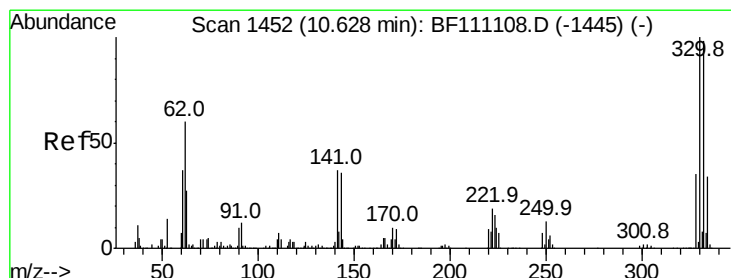
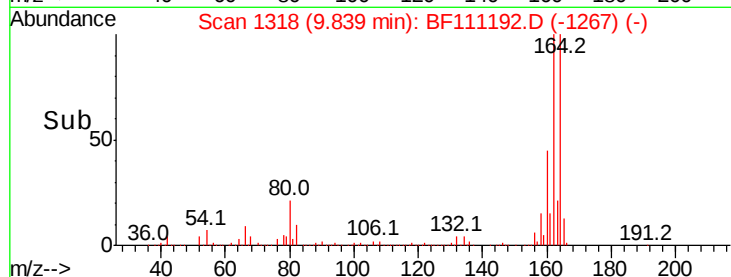
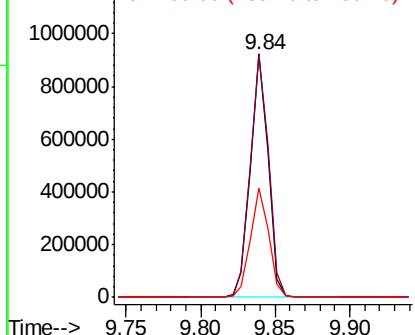
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)

Tot Ion:164 Resp: 753546
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 45.1 35.5 53.3

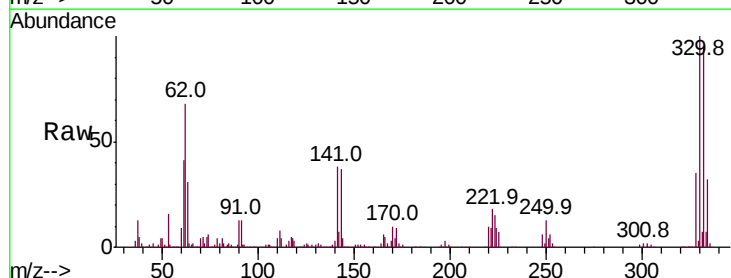


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

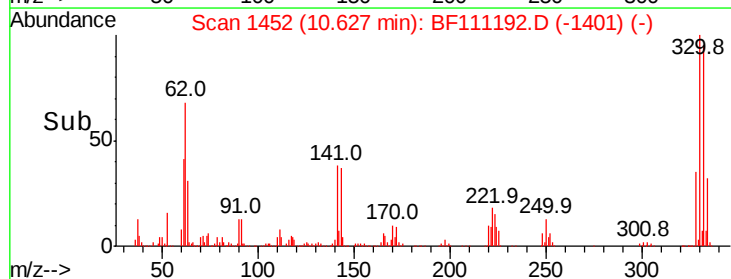
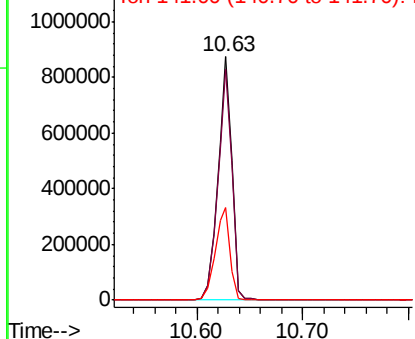


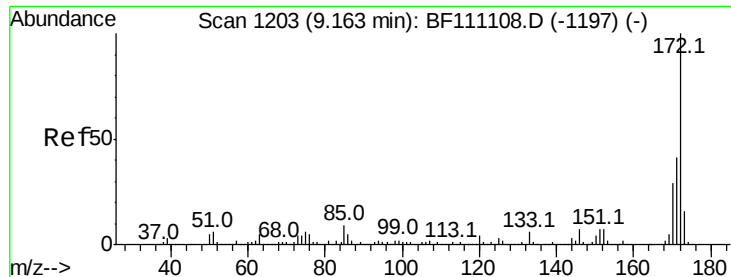
#42
2,4,6-Tribromophenol
Concen: 135.758 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Tgt Ion:330 Resp: 813169
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 40.5 36.1 54.1



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



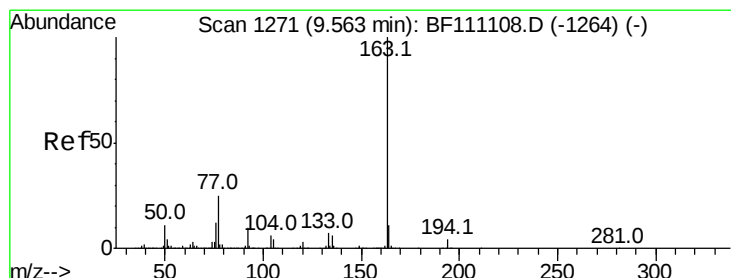
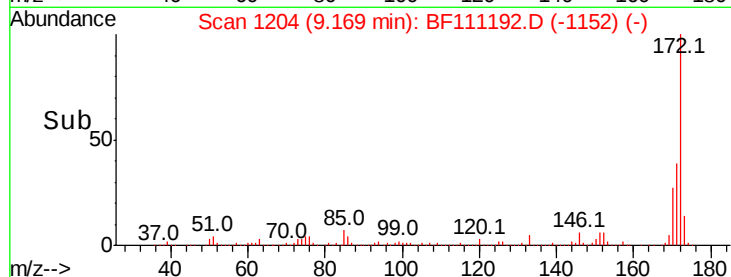
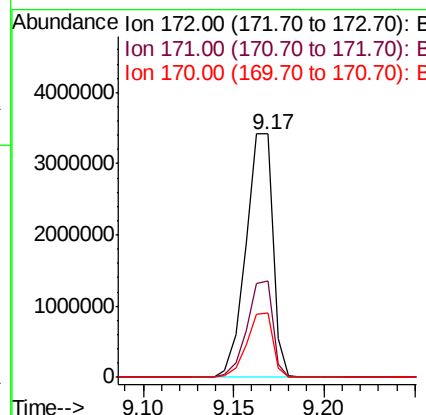
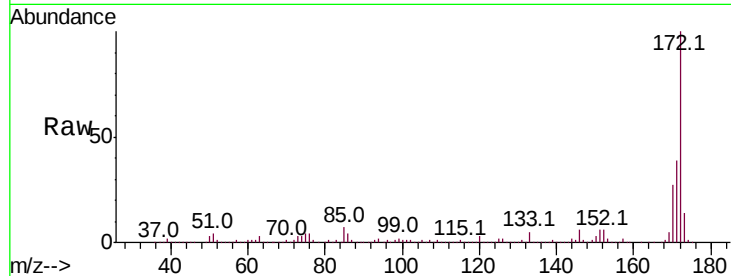


#45
 2-Fluorobiphenyl
 Concen: 87.013 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)

Tot Ion:172 Resp: 3528346

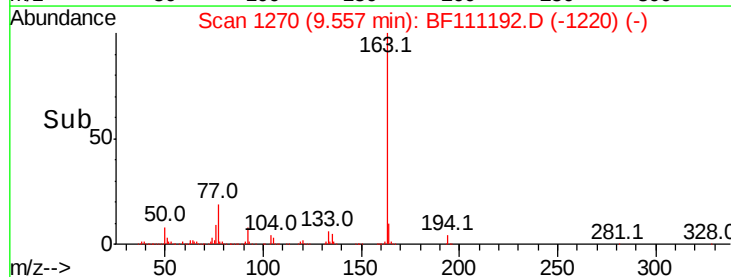
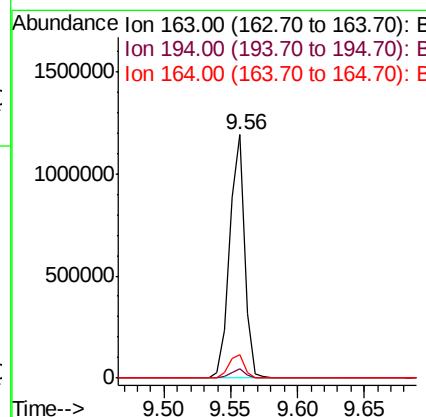
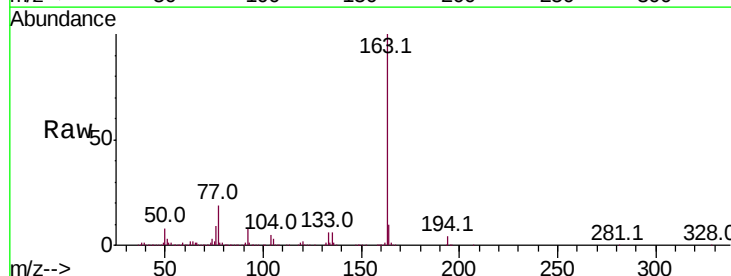
Ion	Ratio	Lower	Upper
172	100		
171	39.4	33.2	49.8
170	26.5	22.9	34.3

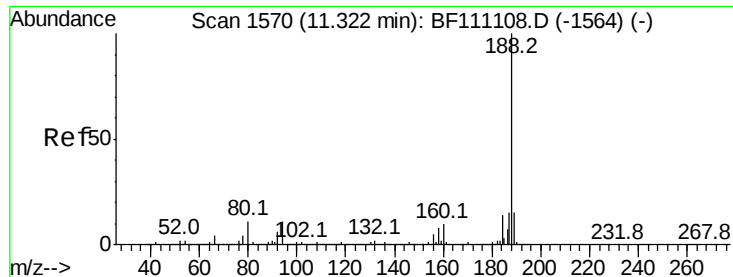


#50
 Dimethylphthalate
 Concen: 18.045 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Tgt Ion:163 Resp: 946363

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.7	8.9	13.3

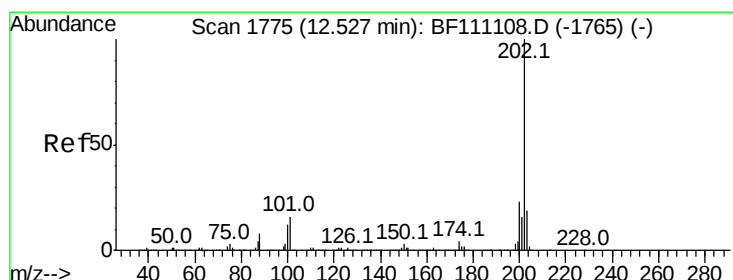
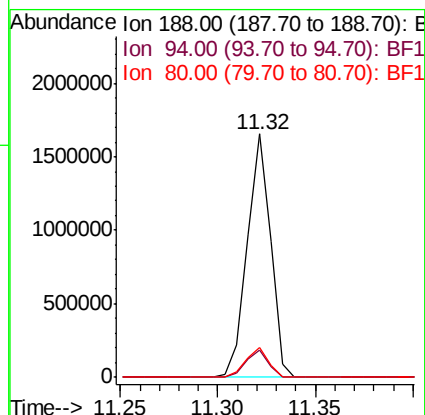
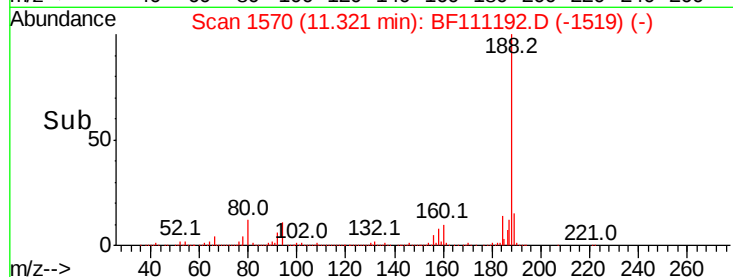
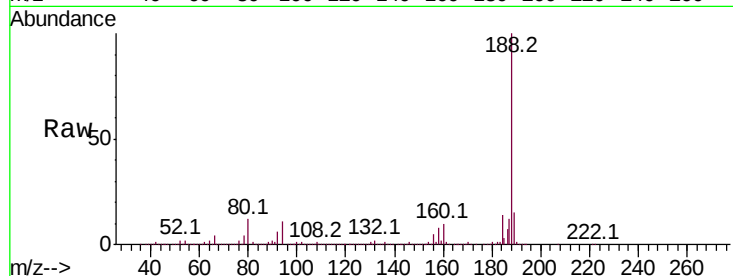




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

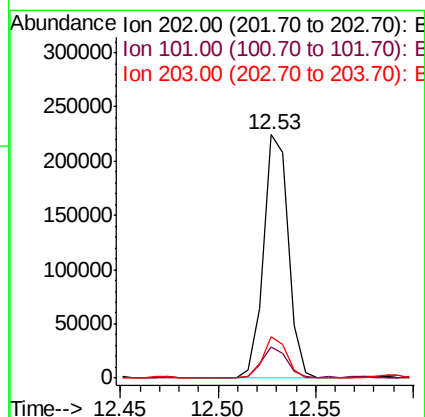
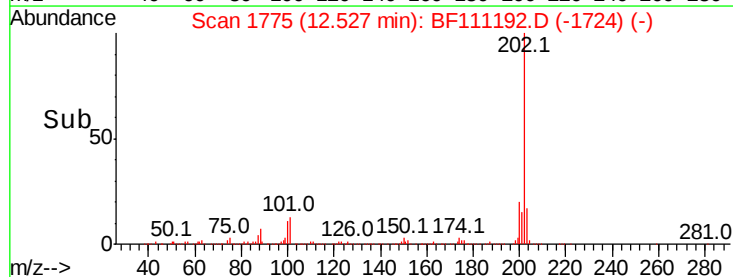
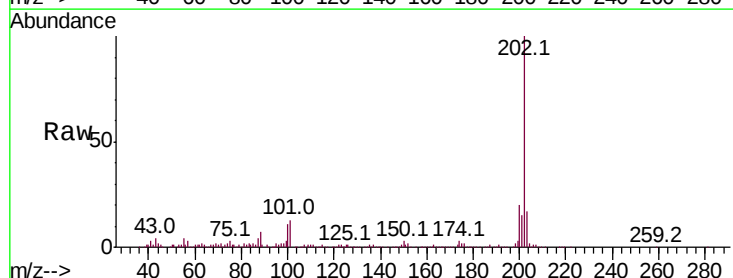
Instrument :
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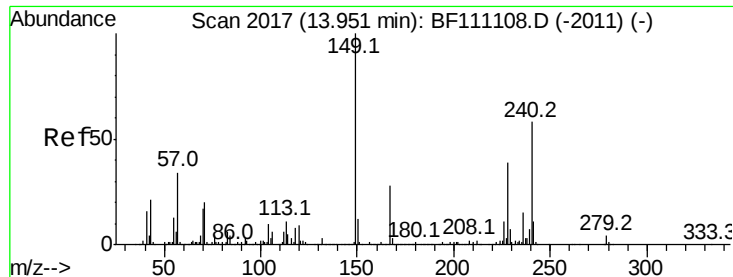
Tot Ion:188 Resp: 1374235
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.1 9.0 13.6



#75
Fluoranthene
Concen: 3.058 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Tgt Ion:202 Resp: 197800
Ion Ratio Lower Upper
202 100
101 12.7 0.0 35.8
203 16.7 0.0 38.6

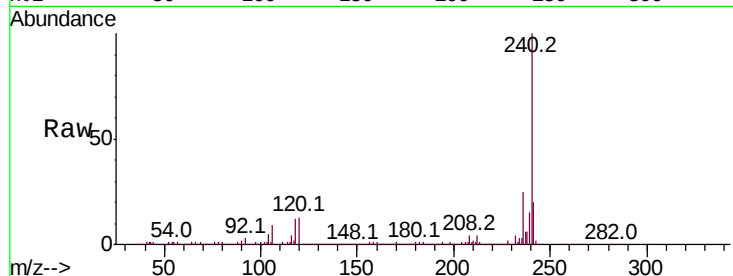




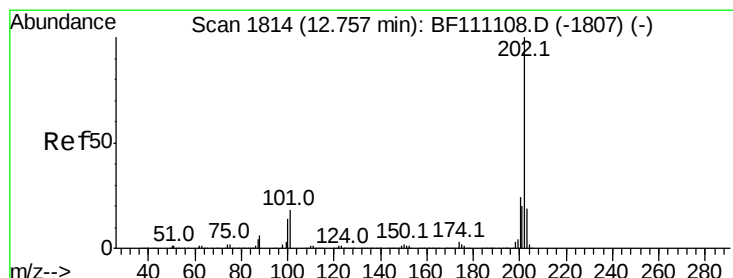
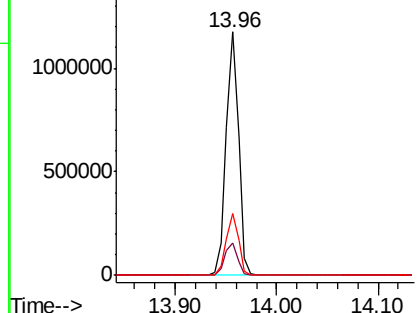
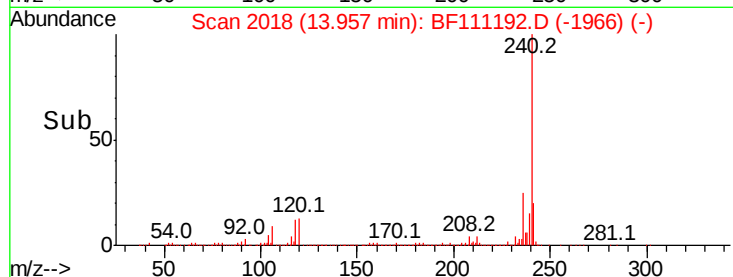
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)

Tot Ion:240 Resp: 997100
Ion Ratio Lower Upper
240 100
120 13.5 12.8 19.2
236 25.5 21.1 31.7

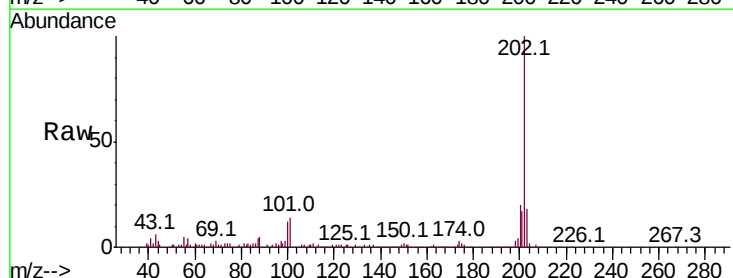


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

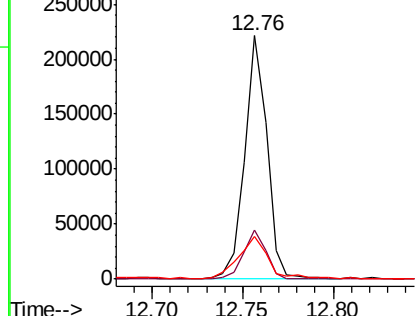
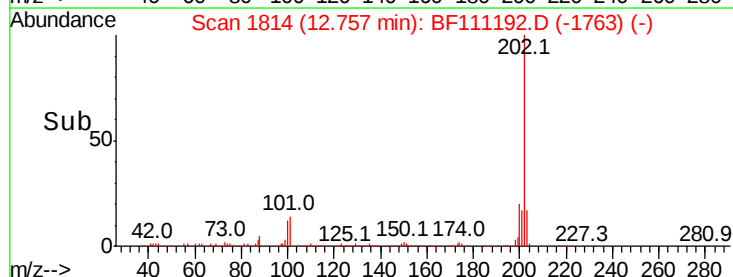


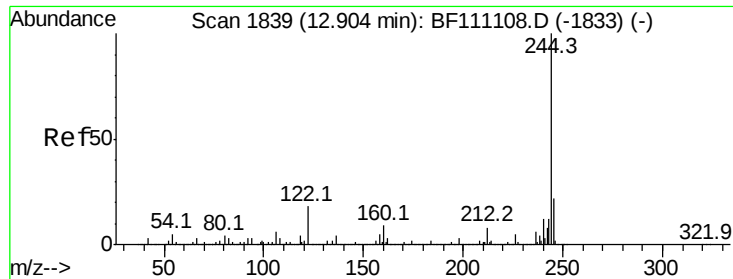
#78
Pyrene
Concen: 2.410 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Tgt Ion:202 Resp: 187190
Ion Ratio Lower Upper
202 100
200 20.0 19.3 28.9
203 17.7 15.4 23.2



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

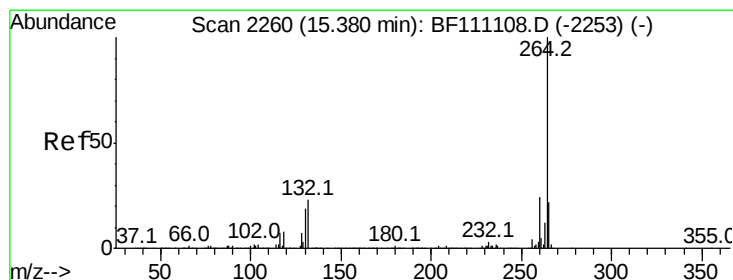
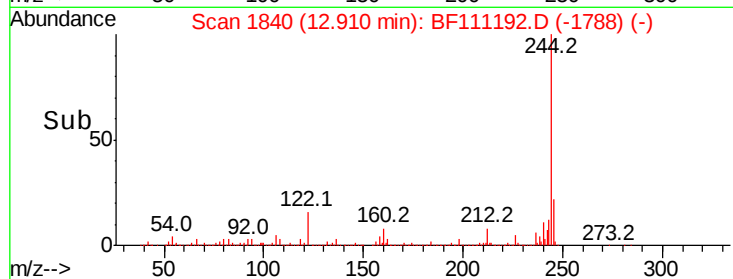
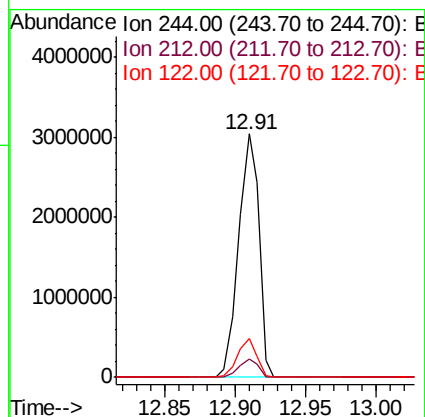
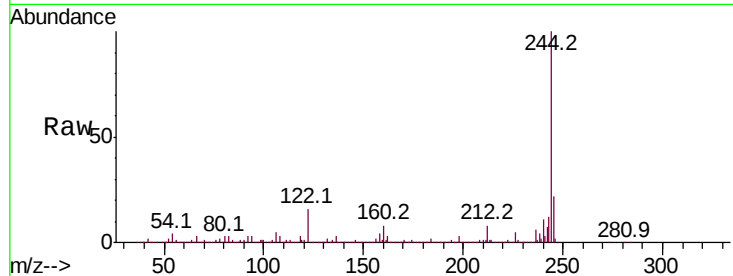




#79
 Terphenyl-d14
 Concen: 62.568 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)

Tot Ion:244 Resp: 3046228
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 15.8 14.2 21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.02 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Tgt Ion:264 Resp: 895516
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.8 17.4 26.0

