

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110639.D
 Acq On : 9 Nov 2018 20:42
 Operator : JU/SJ
 Sample : J5269-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-S

Quant Time: Nov 11 03:45:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

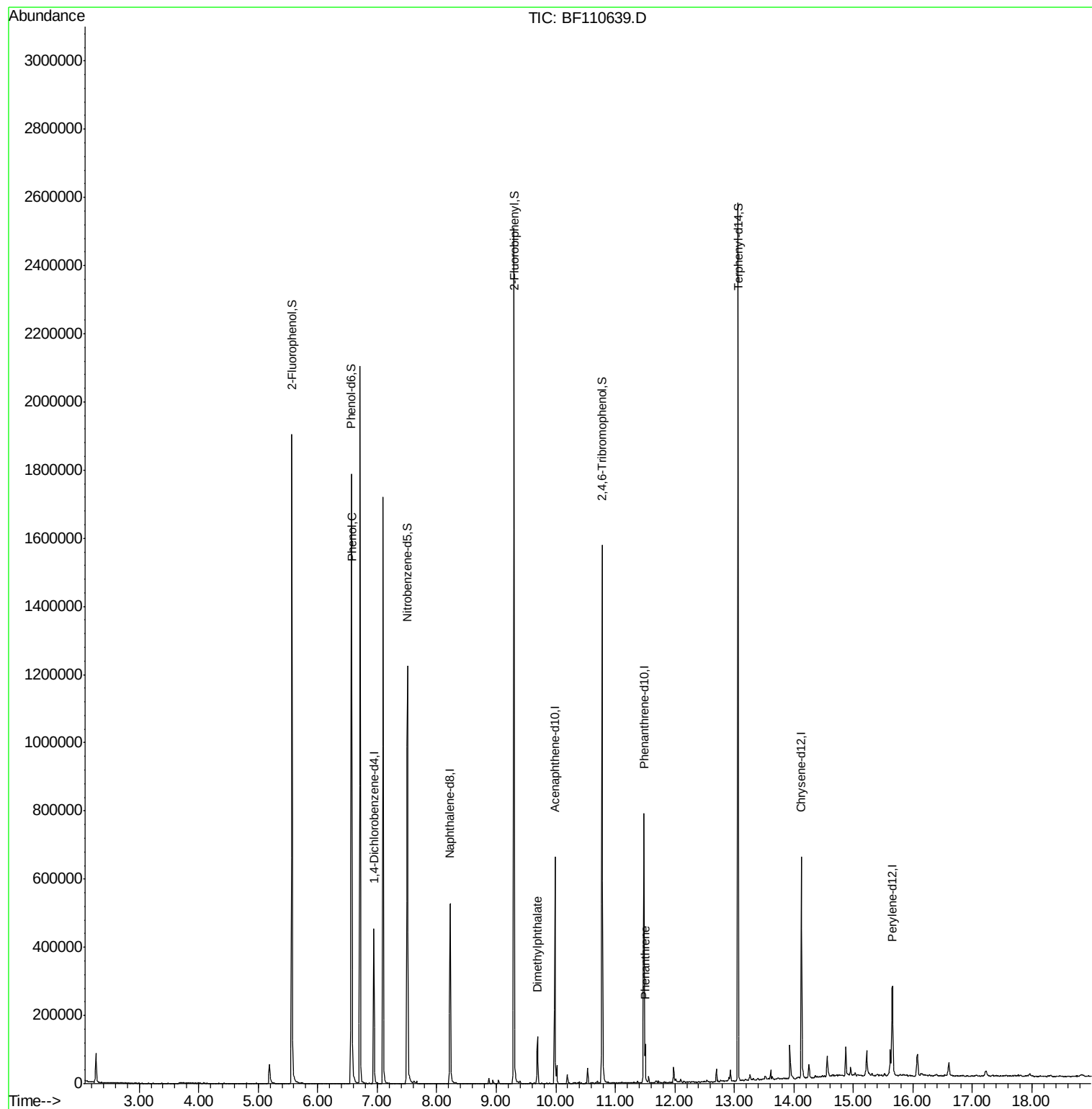
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70989	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	299641	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	147332	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	297205	20.00	ng	0.00
76) Chrysene-d12	14.13	240	211839	20.00	ng	-0.01
87) Perylene-d12	15.66	264	131906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	534354	122.27	ng	0.00
7) Phenol-d6	6.57	99	689712	123.41	ng	0.00
23) Nitrobenzene-d5	7.51	82	434566	83.52	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	187357	126.20	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	819642	79.45	ng	0.00
79) Terphenyl-d14	13.06	244	895513	79.17	ng	0.00
Target Compounds						
10) Phenol	6.58	94	41412	6.390	ng	Qvalue # 69
50) Dimethylphthalate	9.69	163	60791	5.530	ng	99
71) Phenanthrene	11.50	178	43321	2.721	ng	99

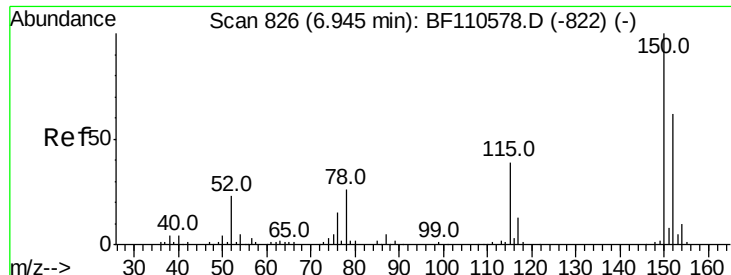
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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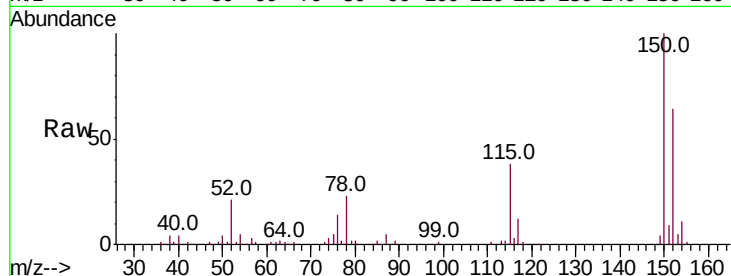


#1

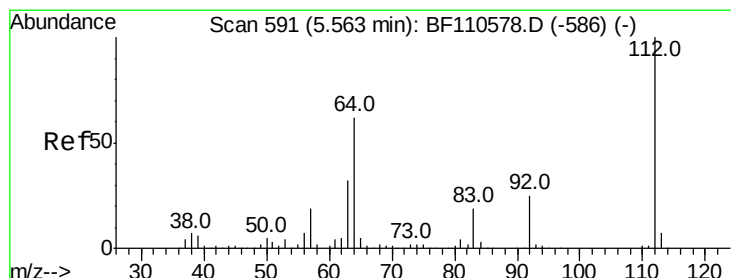
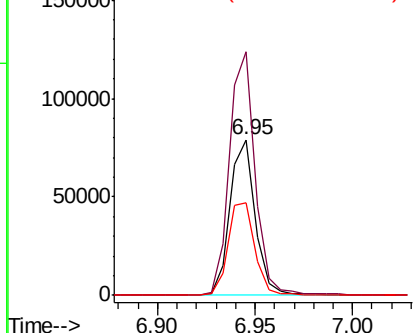
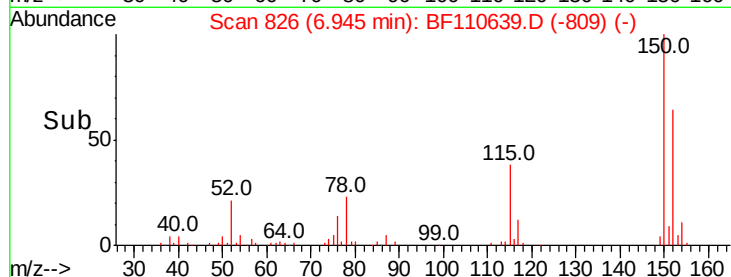
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Instrument :
BNA_F
ClientSampleId :
SB-13-S

Tot Ion:152 Resp: 70989
Ion Ratio Lower Upper
152 100
150 156.8 122.7 184.1
115 59.8 49.1 73.7



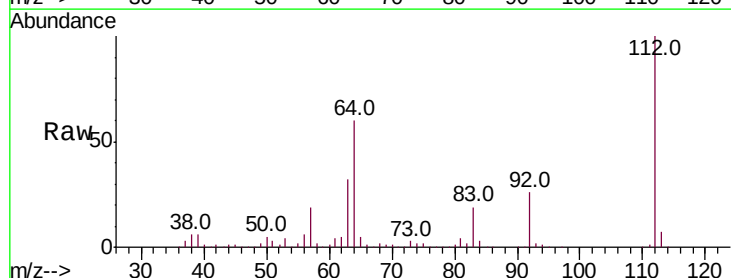
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



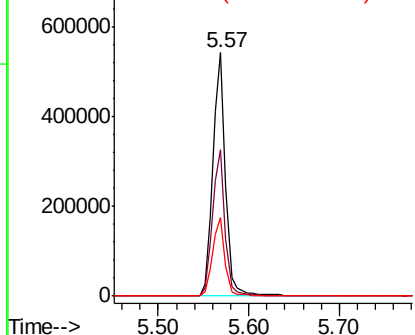
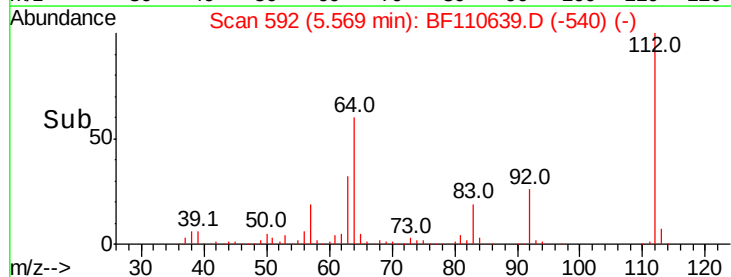
#5

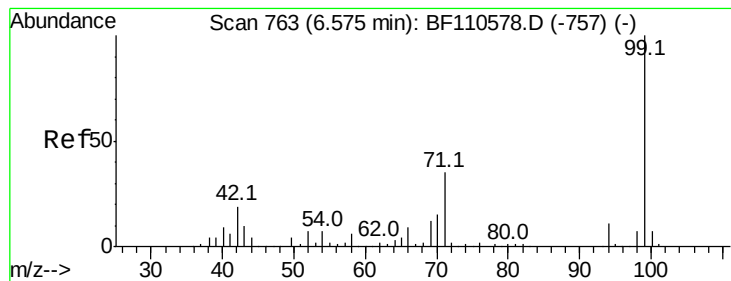
2-Fluorophenol
Concen: 122.267 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Tgt Ion:112 Resp: 534354
Ion Ratio Lower Upper
112 100
64 59.9 44.1 66.1
63 32.1 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: 123.412 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110639.D

Acq: 9 Nov 2018 20:42

Instrument :

BNA_F

ClientSampleId :

SB-13-S

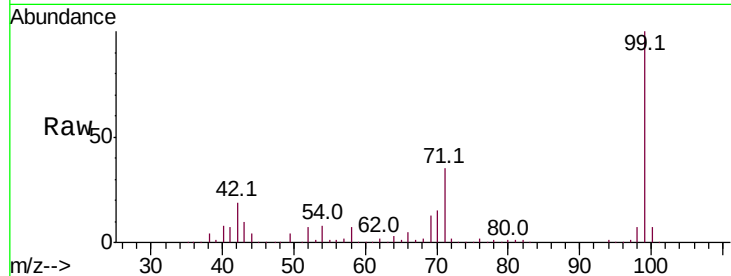
Tot Ion: 99 Resp: 689712

Ion Ratio Lower Upper

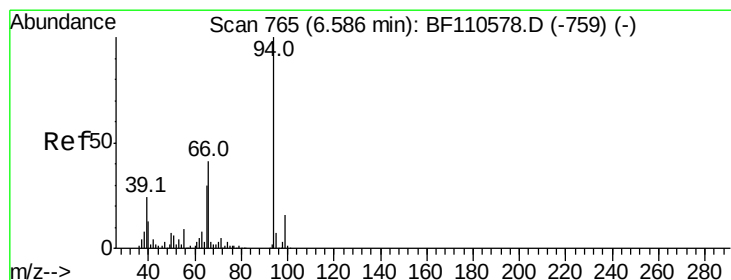
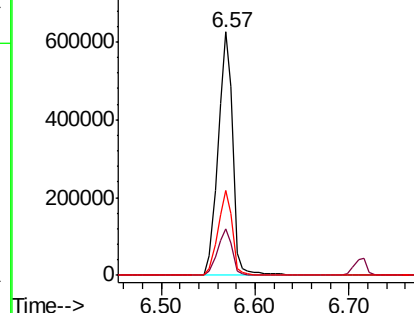
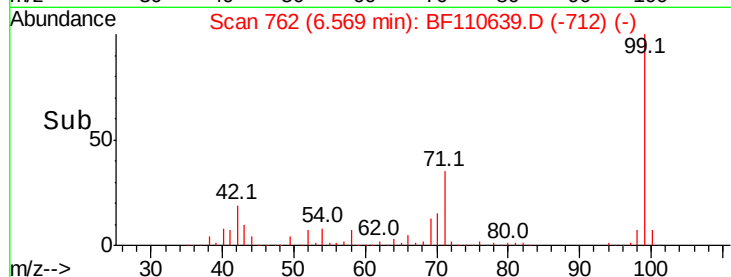
99 100

42 19.3 15.8 23.6

71 34.6 28.0 42.0



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



#10

Phenol

Concen: 6.390 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110639.D

Acq: 9 Nov 2018 20:42

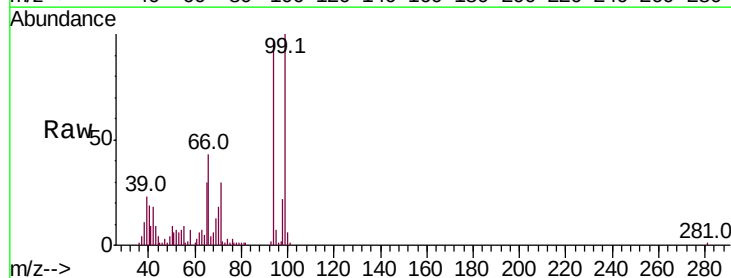
Tgt Ion: 94 Resp: 41412

Ion Ratio Lower Upper

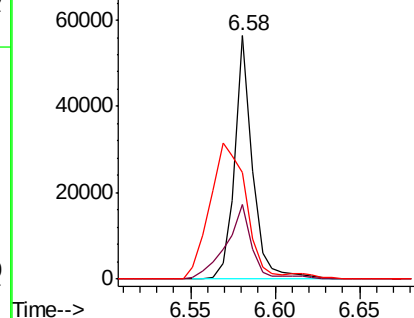
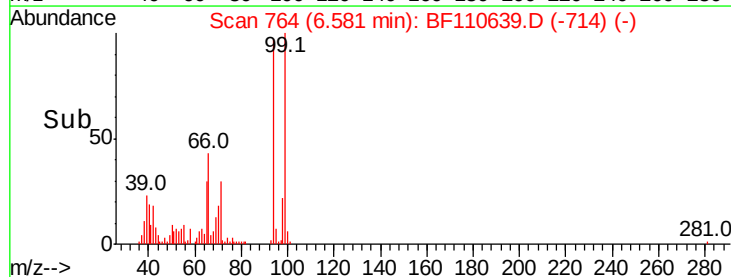
94 100

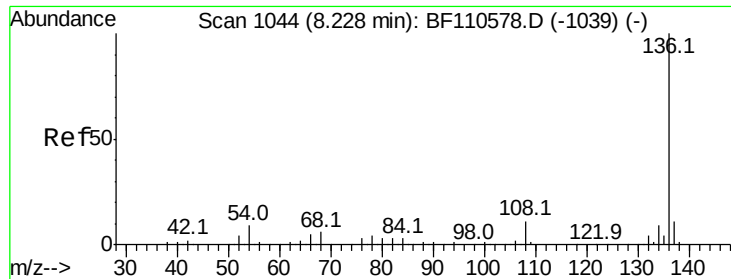
65 30.6 25.3 65.3

66 43.8 54.5 94.5#



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

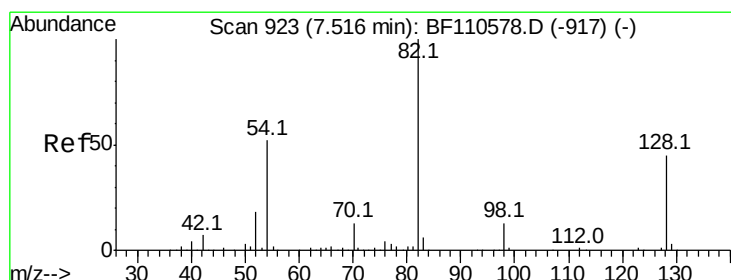
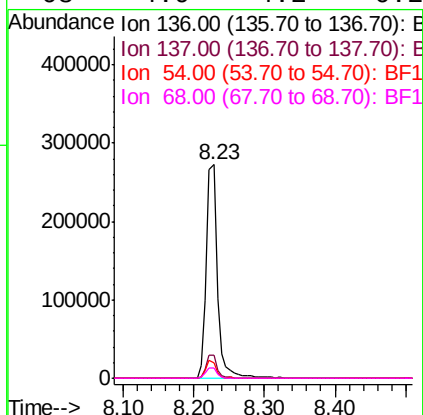
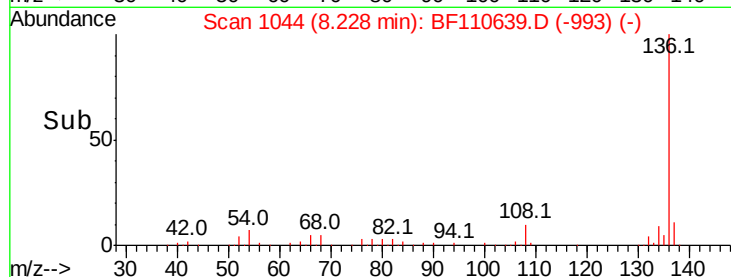
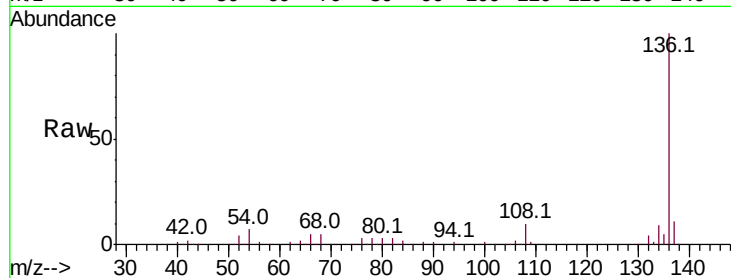




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

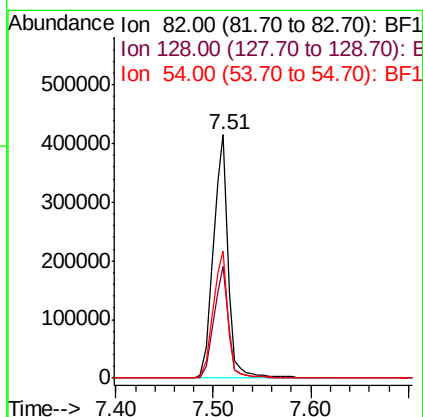
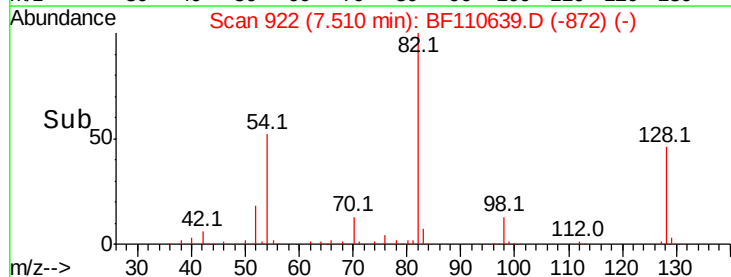
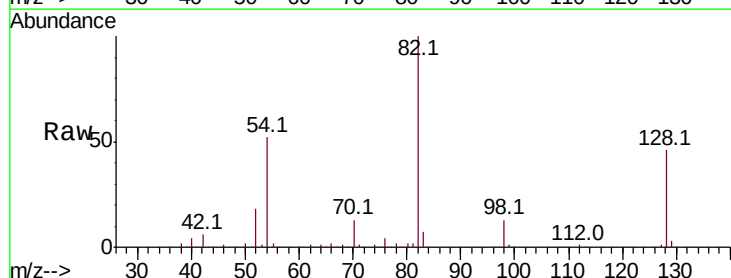
Instrument :
BNA_F
ClientSampleId :
SB-13-S

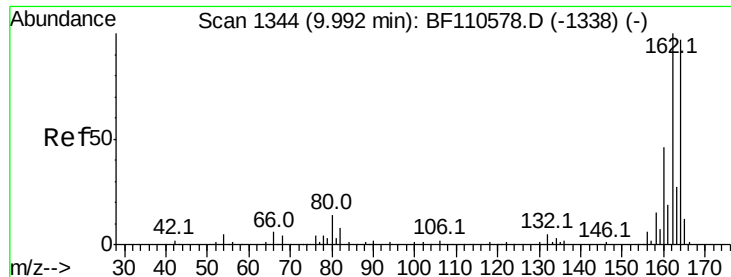
Tot Ion:	136	Resp:	299641
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.5	5.4	8.2
68	4.9	4.2	6.2



#23
Nitrobenzene-d5
Concen: 83.521 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Tgt Ion:	82	Resp:	434566
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	52.2	38.6	58.0

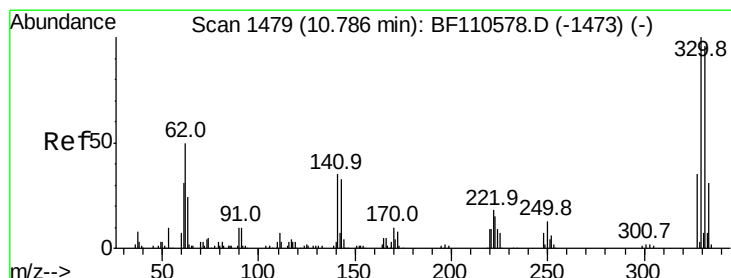
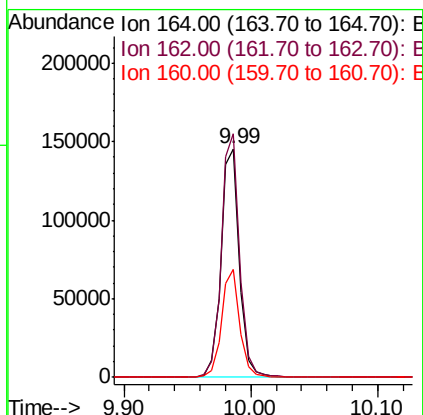
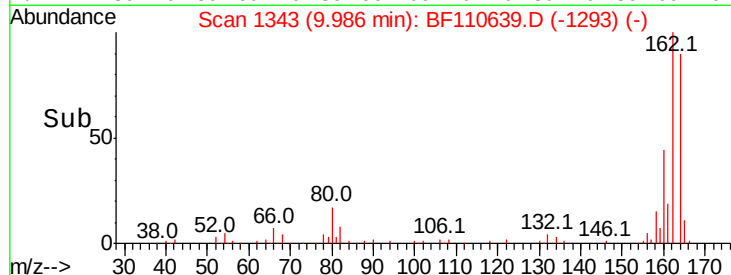
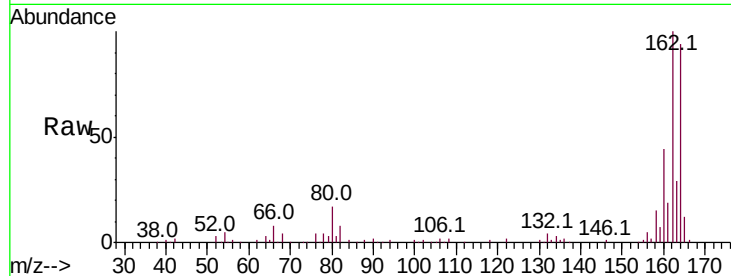




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

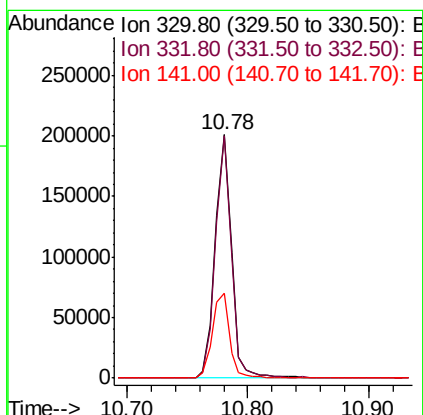
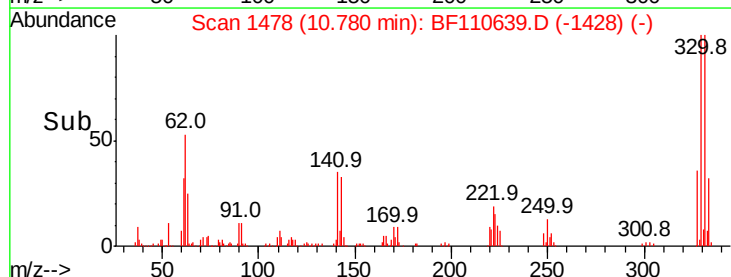
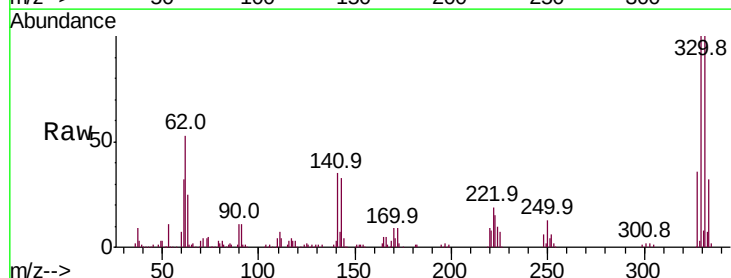
Instrument :
BNA_F
ClientSampleId :
SB-13-S

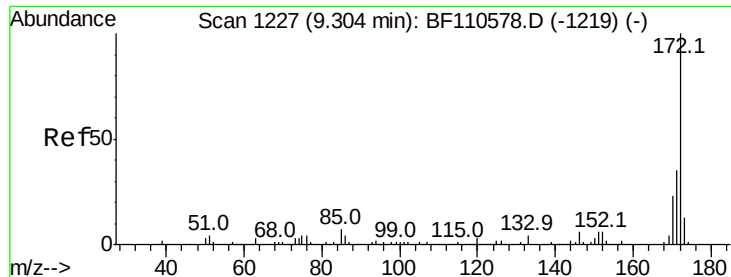
Tot Ion:164 Resp: 147332
Ion Ratio Lower Upper
164 100
162 106.5 83.0 124.6
160 47.3 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 126.204 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Tgt Ion:330 Resp: 187357
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 37.2 27.0 40.4

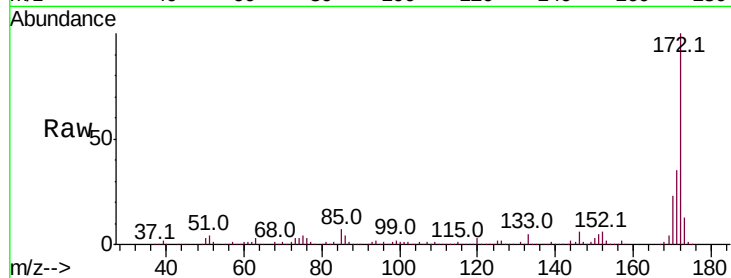




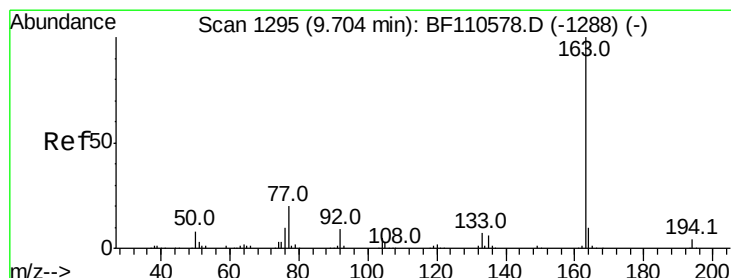
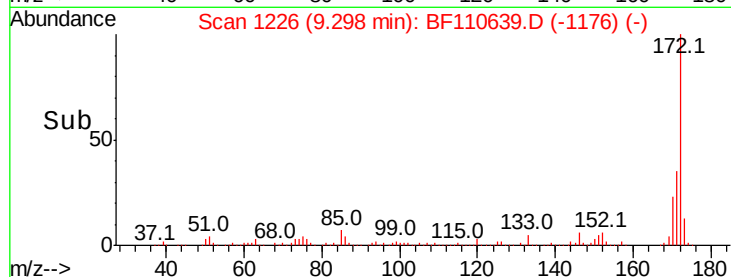
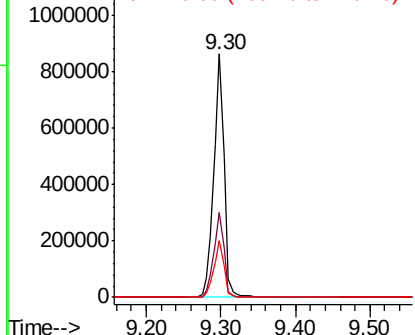
#45
2-Fluorobiphenyl
Concen: 79.453 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Instrument :
BNA_F
ClientSampleId :
SB-13-S

Tot Ion:172 Resp: 819642
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.3 19.7 29.5

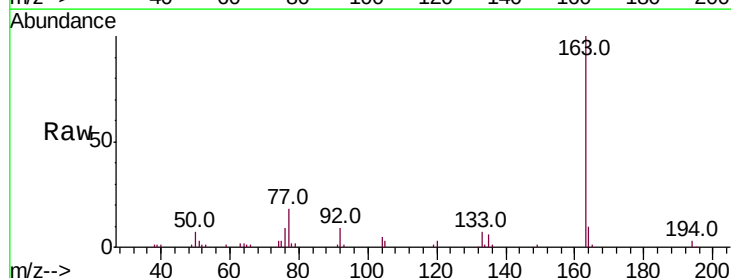


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

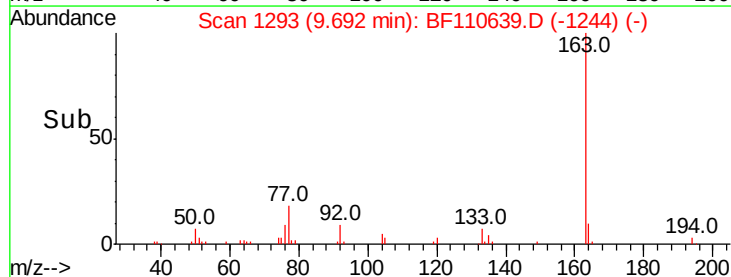
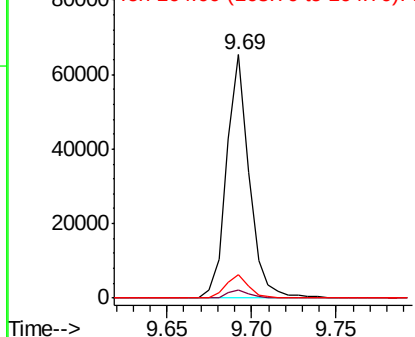


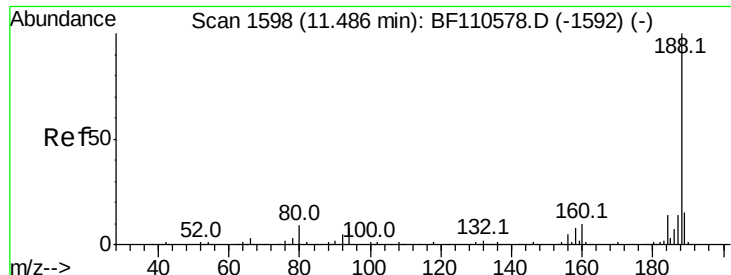
#50
Dimethylphthalate
Concen: 5.530 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Tgt Ion:163 Resp: 60791
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.6 8.1 12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110639.D

Acq: 9 Nov 2018 20:42

Instrument :

BNA_F

ClientSampleId :

SB-13-S

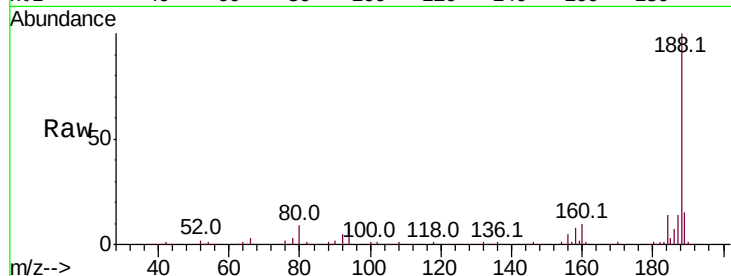
Tot Ion:188 Resp: 297205

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

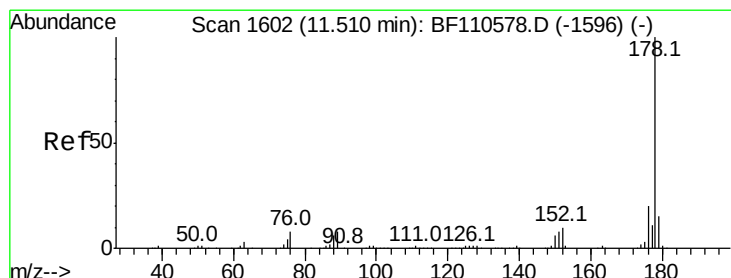
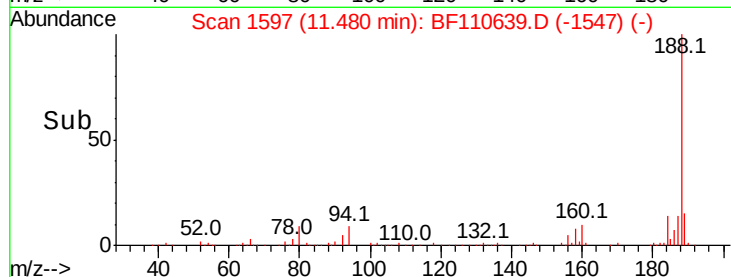
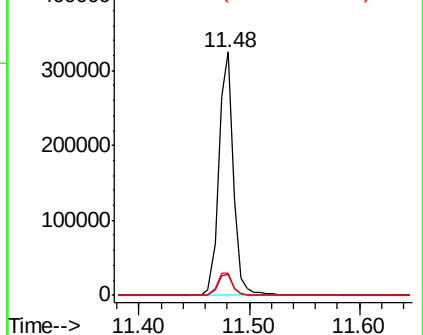
80 9.1 7.9 11.9



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



#71

Phenanthrene

Concen: 2.721 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110639.D

Acq: 9 Nov 2018 20:42

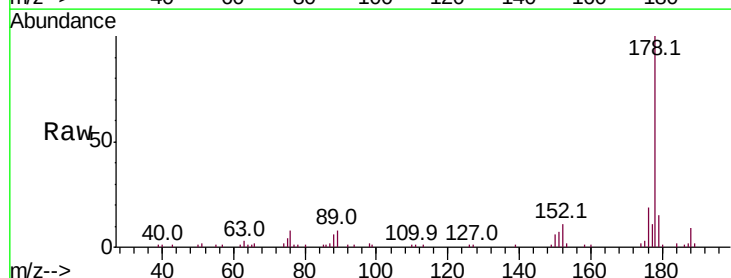
Tgt Ion:178 Resp: 43321

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

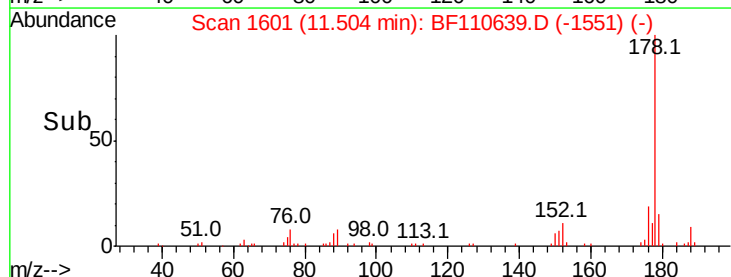
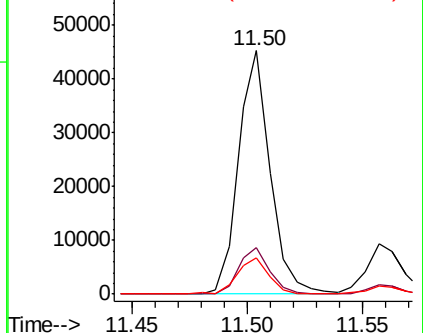
179 15.1 12.5 18.7

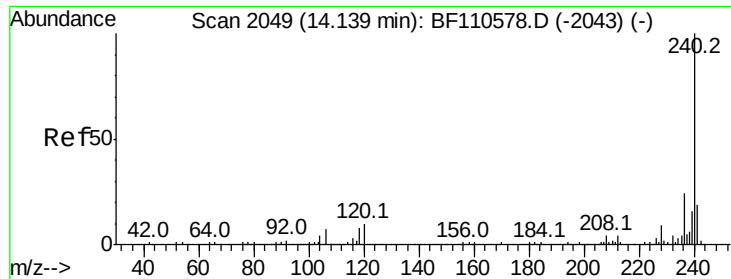


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

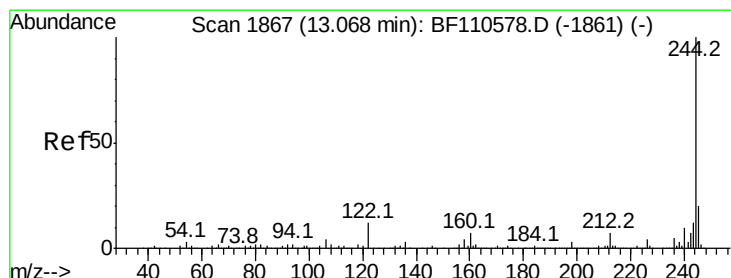
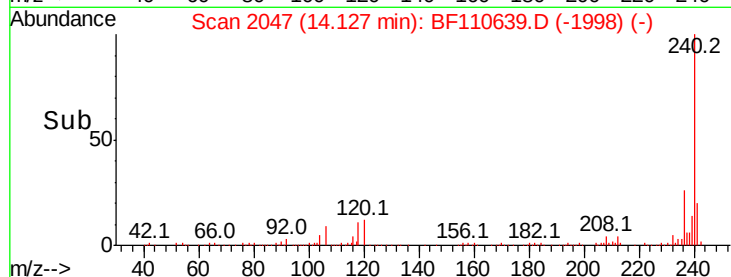
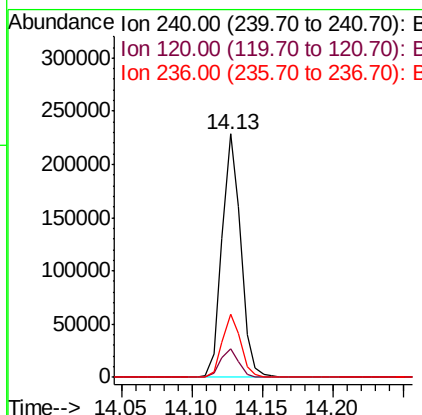
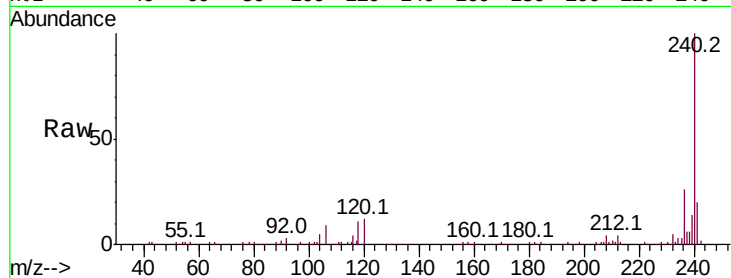




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

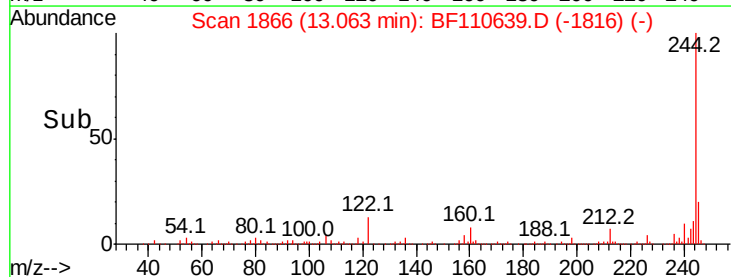
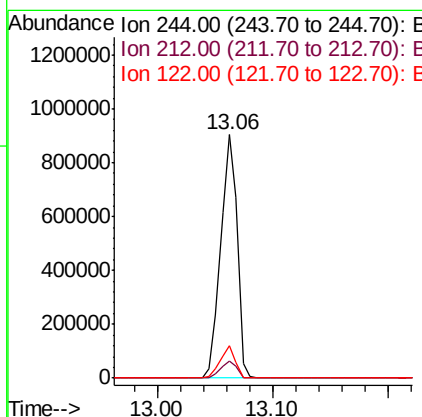
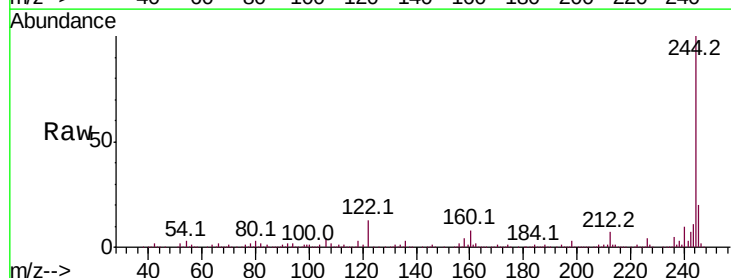
Instrument :
 BNA_F
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 SB-13-S

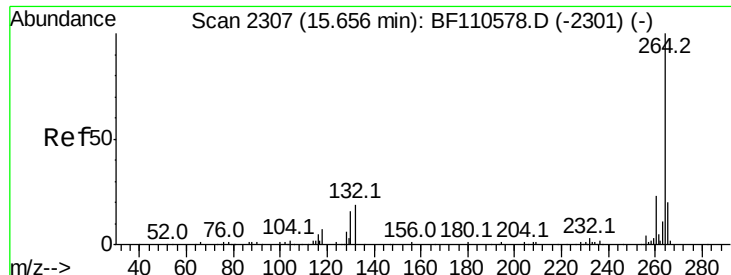
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.9	21.2	31.8



#79
 Terphenyl-d14
 Concen: 79.168 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.3	8.7	13.1#

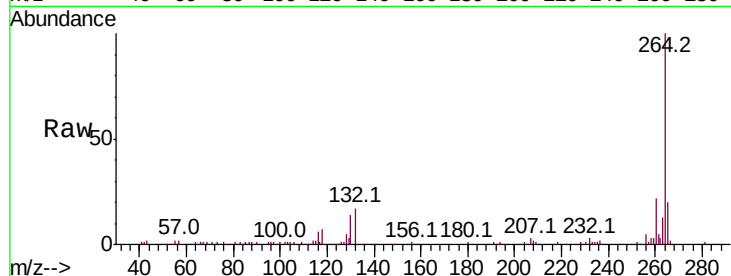




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Instrument :
BNA_F
ClientSampleId :
SB-13-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	20.1	16.7	25.1



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

