

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110680.D
 Acq On : 12 Nov 2018 17:54
 Operator : JU/SJ
 Sample : J5269-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-S

Quant Time: Nov 13 05:49:41 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

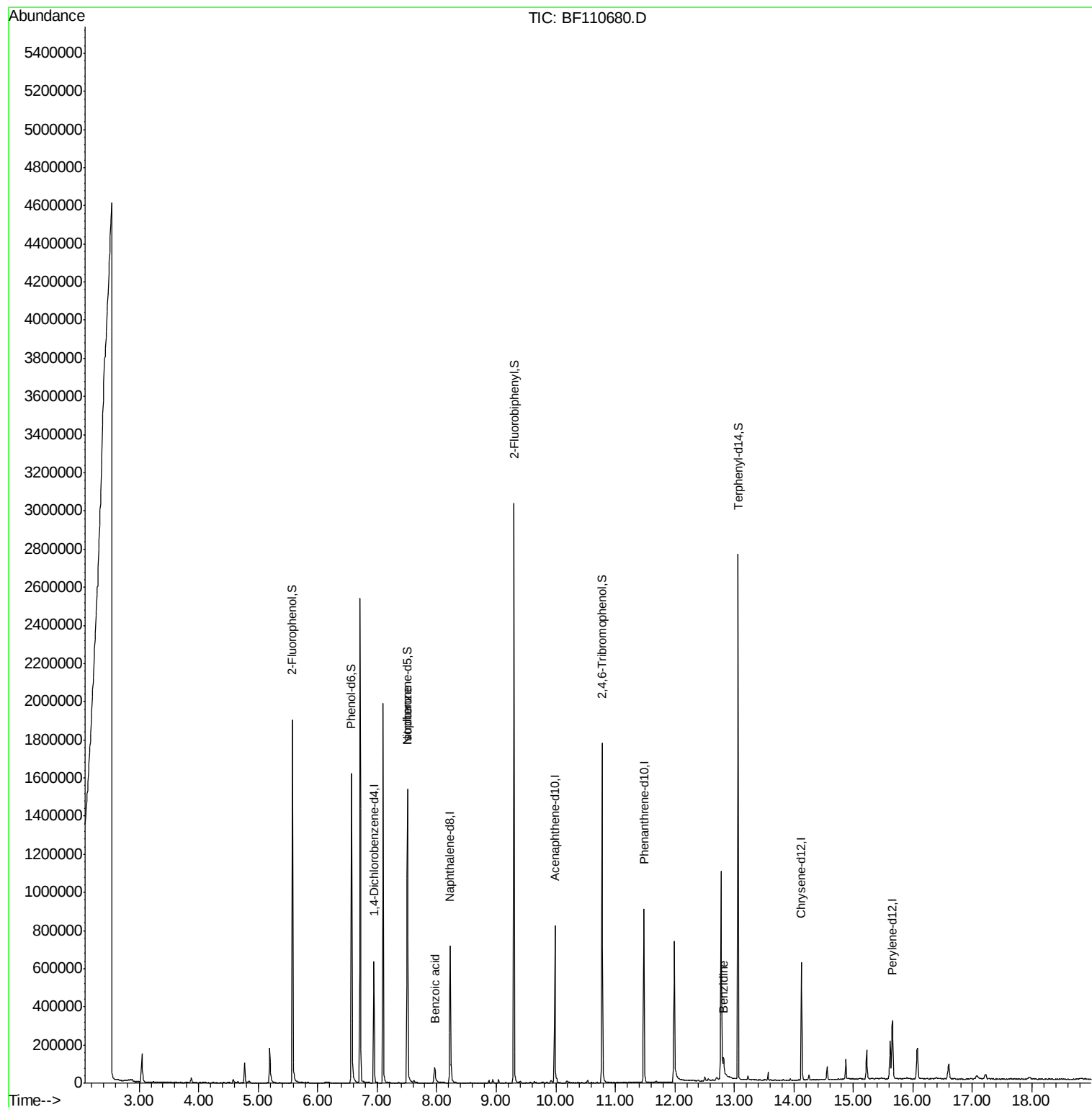
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	90906	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	374333	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	178032	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	339219	20.00	ng	0.00
76) Chrysene-d12	14.13	240	213264	20.00	ng	-0.01
87) Perylene-d12	15.66	264	160251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	575697	102.87	ng	0.01
7) Phenol-d6	6.57	99	644455	90.05	ng	0.00
23) Nitrobenzene-d5	7.51	82	520448	80.07	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	205839	114.74	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	952831	76.44	ng	0.00
79) Terphenyl-d14	13.06	244	919342	80.73	ng	0.00
Target Compounds						
25) Isophorone	7.51	82	520444	48.852	ng	Qvalue # 67
32) Benzoic acid	7.97	122	30982	8.654	ng	98
77) Benzidine	12.82	184	30176	5.145	ng	97

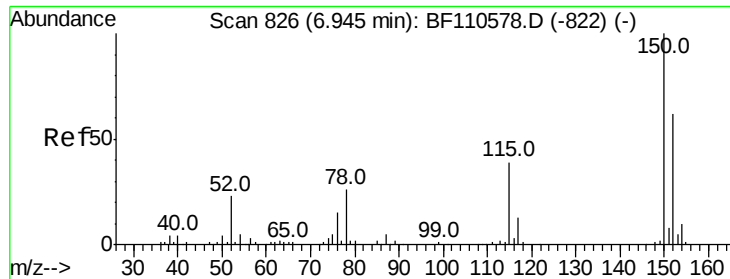
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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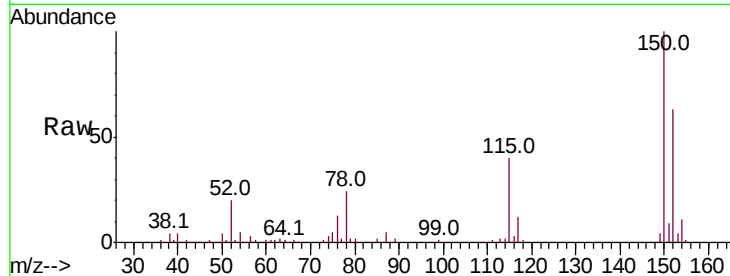


#1

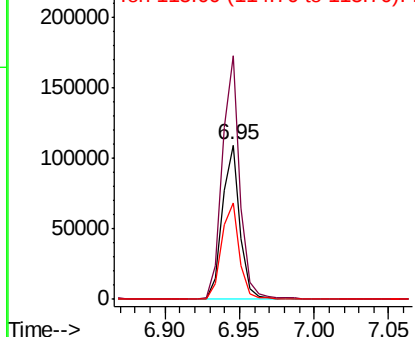
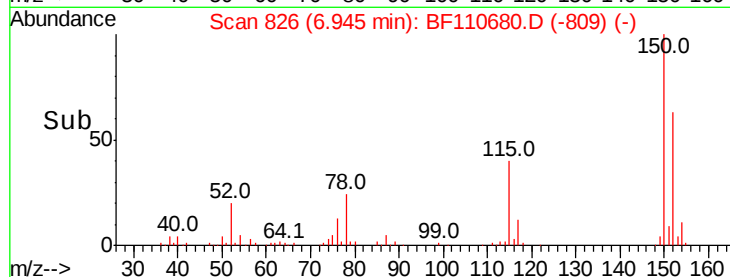
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-S

Tot Ion:152 Resp: 90906
 Ion Ratio Lower Upper
 152 100
 150 158.1 122.7 184.1
 115 62.6 49.1 73.7



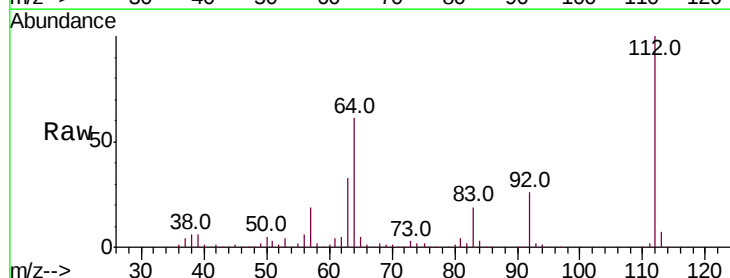
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



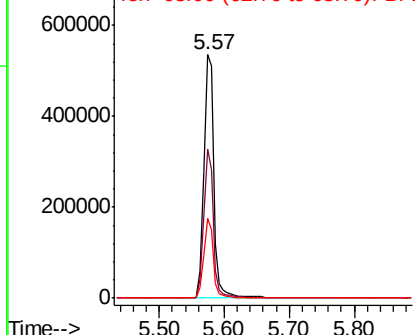
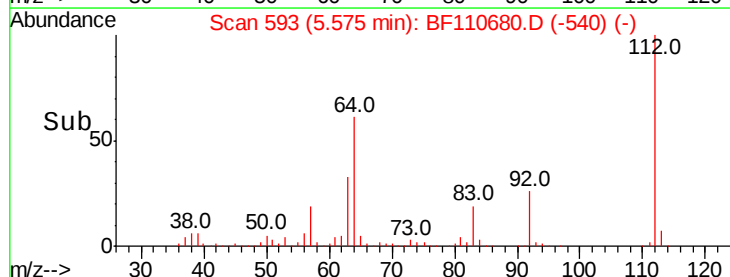
#5

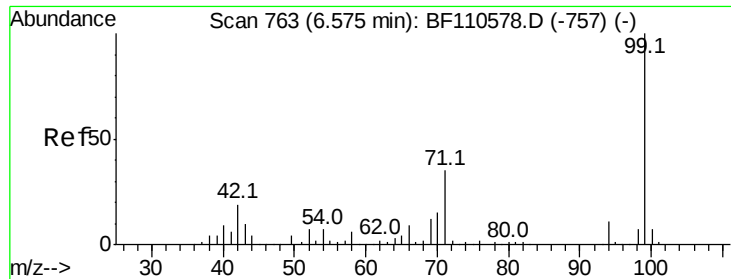
2-Fluorophenol
 Concen: 102.866 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

Tgt Ion:112 Resp: 575697
 Ion Ratio Lower Upper
 112 100
 64 61.0 44.1 66.1
 63 32.7 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: 90.050 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

Instrument :

BNA_F

ClientSampleId :

SB-13-S

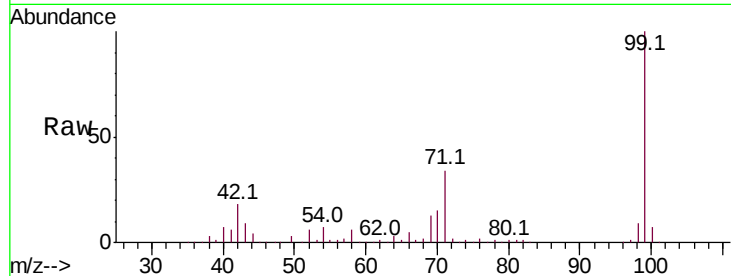
Tot Ion: 99 Resp: 644455

Ion Ratio Lower Upper

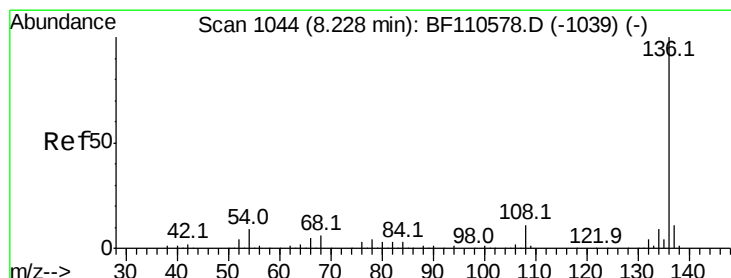
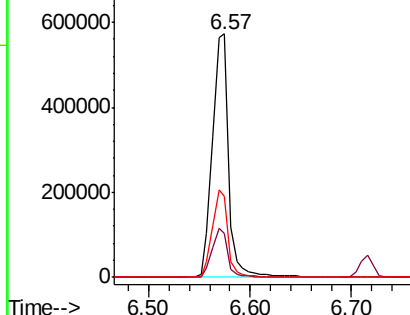
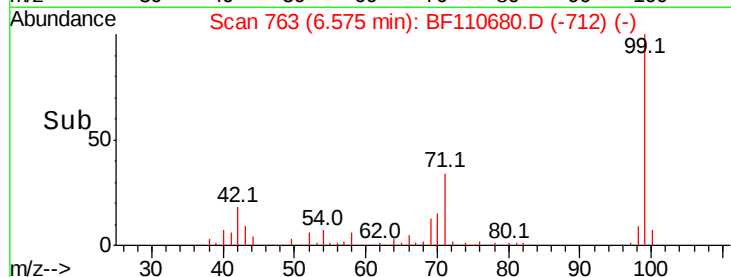
99 100

42 18.0 15.8 23.6

71 33.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

Tgt Ion: 136 Resp: 374333

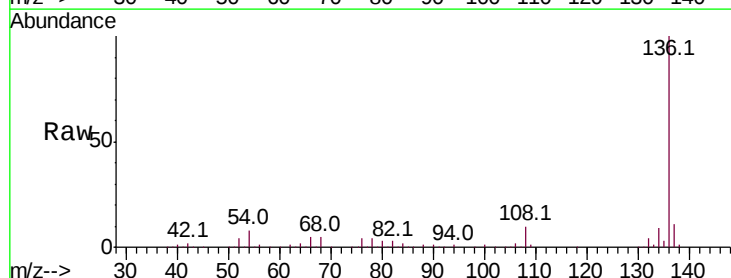
Ion Ratio Lower Upper

136 100

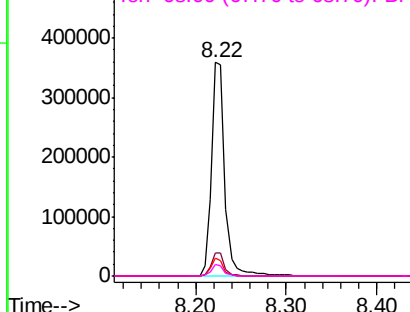
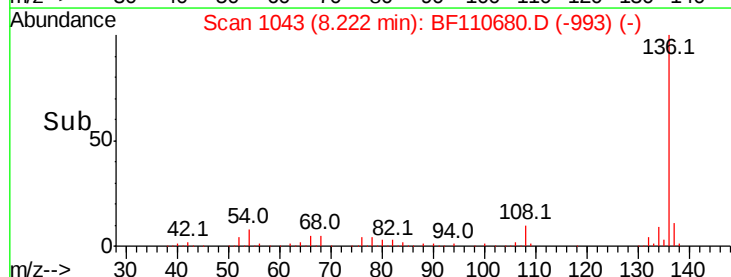
137 10.6 8.8 13.2

54 8.3 5.4 8.2#

68 5.4 4.2 6.2



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

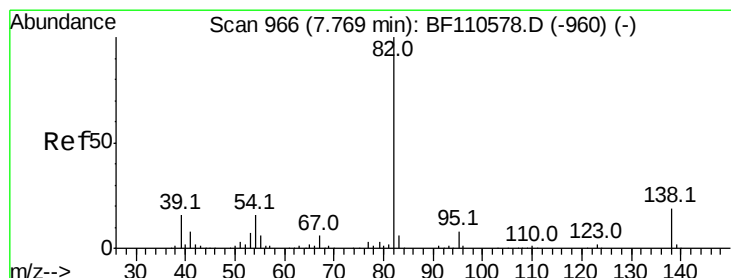
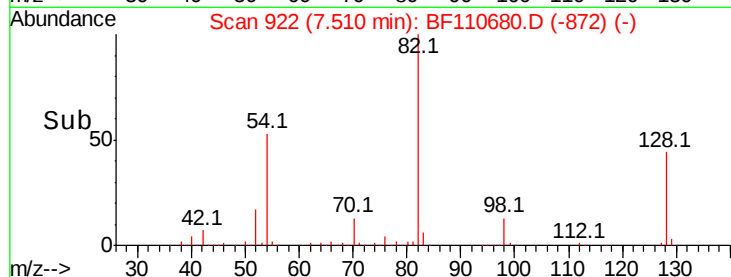
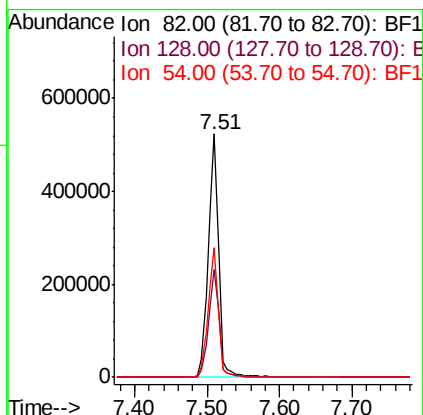
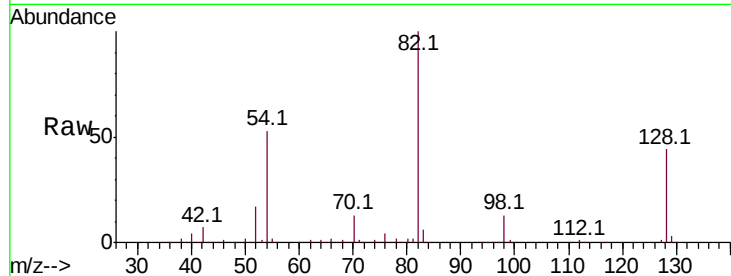




#23
 Nitrobenzene-d5
 Concen: 80.069 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

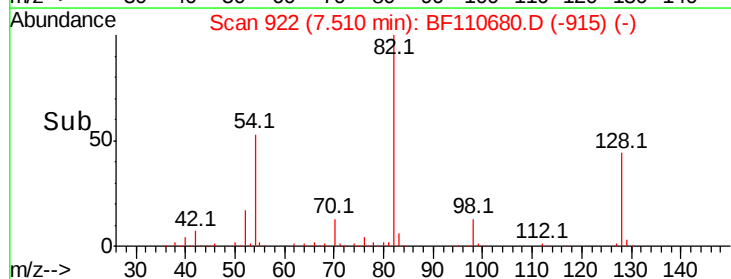
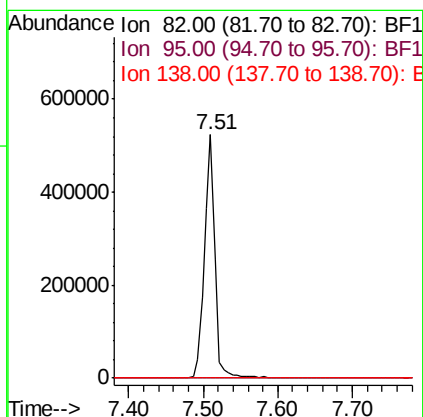
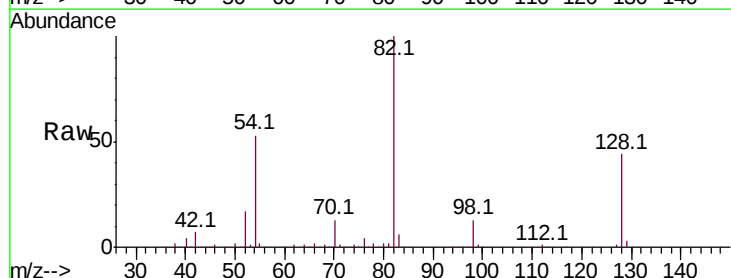
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-S

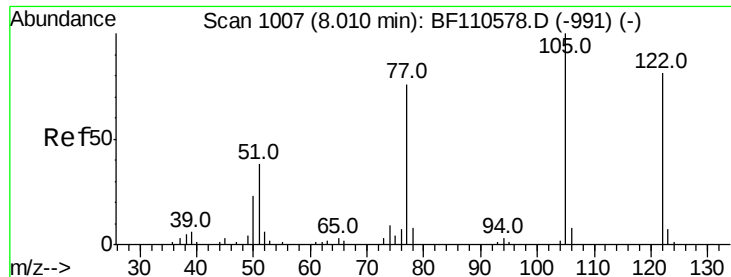
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	53.1	38.6	58.0



#25
 Isophorone
 Concen: 48.852 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	13.2	19.8#

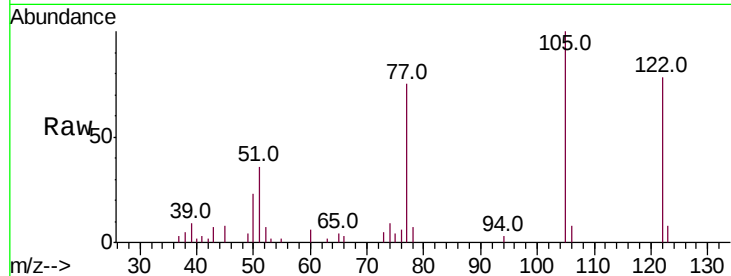




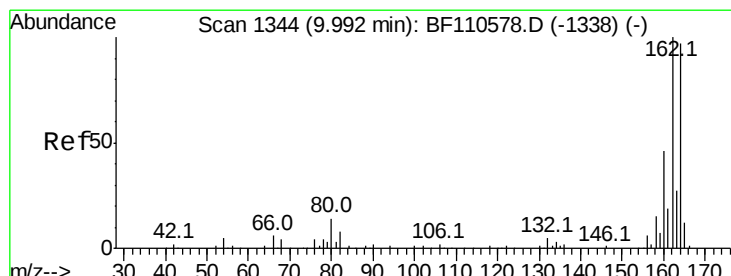
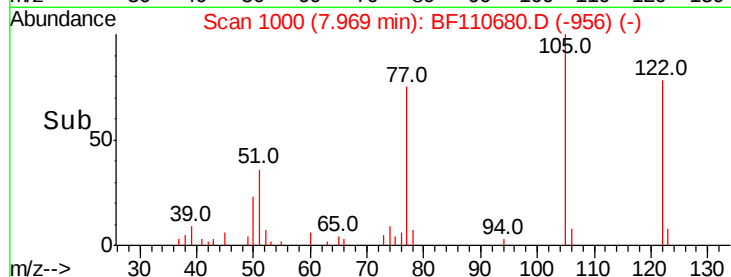
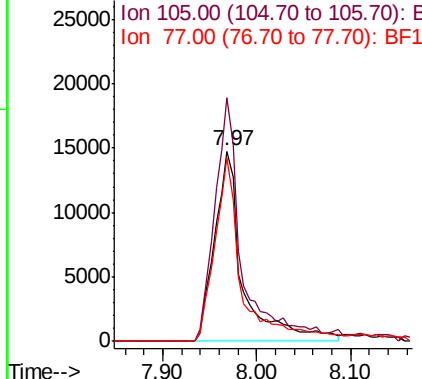
#32
Benzoic acid
Concen: 8.654 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF110680.D
Acq: 12 Nov 2018 17:54

Instrument :
BNA_F
ClientSampleId :
SB-13-S

Tot Ion:122 Resp: 30982
Ion Ratio Lower Upper
122 100
105 127.8 109.0 149.0
77 96.2 79.0 119.0

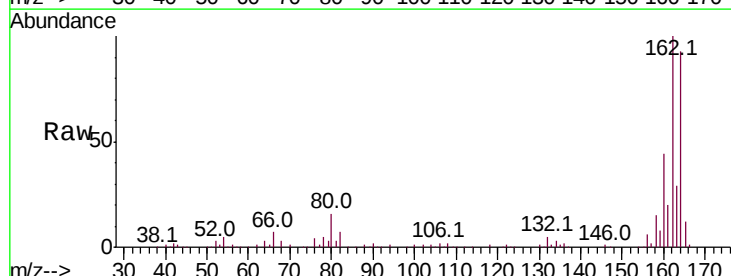


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

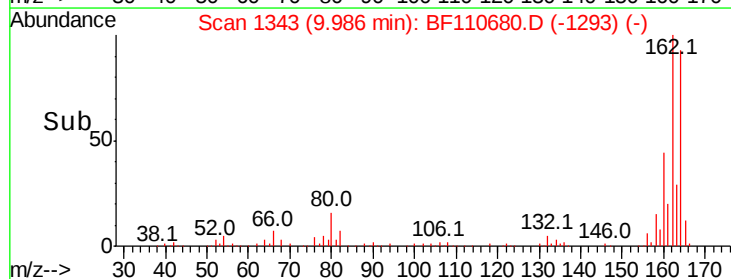
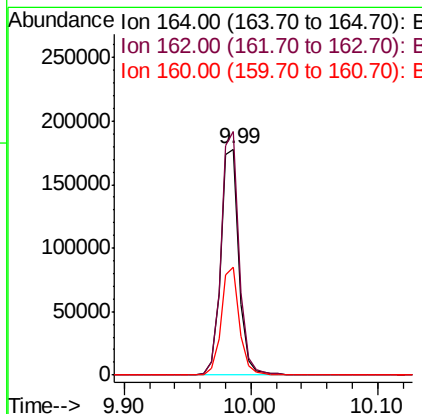


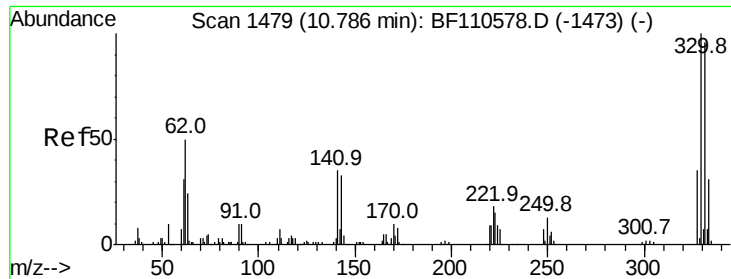
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110680.D
Acq: 12 Nov 2018 17:54

Tgt Ion:164 Resp: 178032
Ion Ratio Lower Upper
164 100
162 107.8 83.0 124.6
160 47.6 37.0 55.6



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: 114.744 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

Instrument :

BNA_F

ClientSampled :

SB-13-S

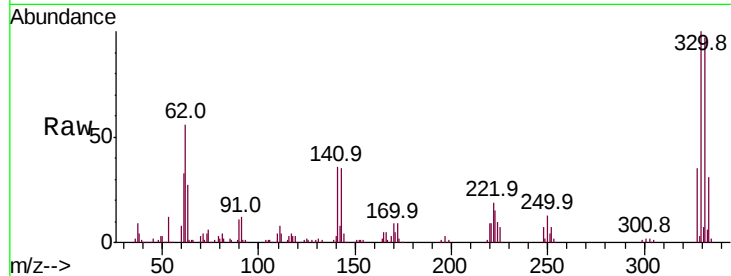
Tot Ion:330 Resp: 205839

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

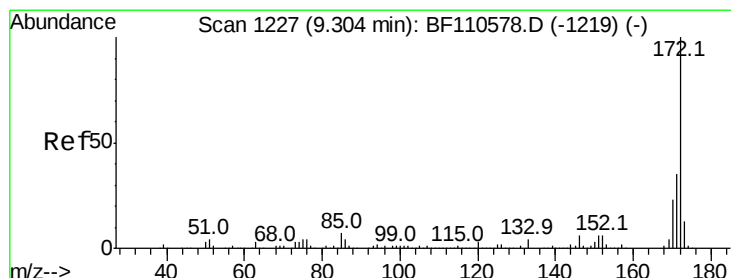
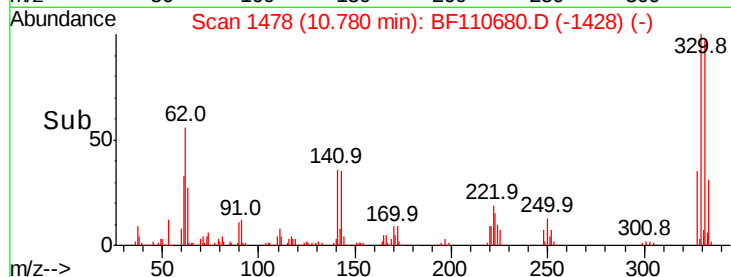
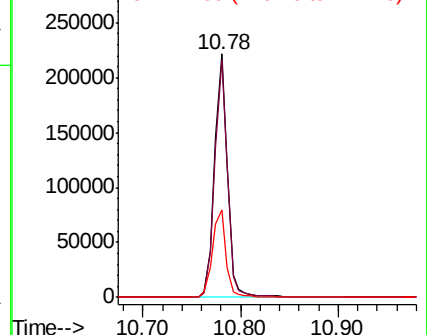
141 37.4 27.0 40.4



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: 76.437 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

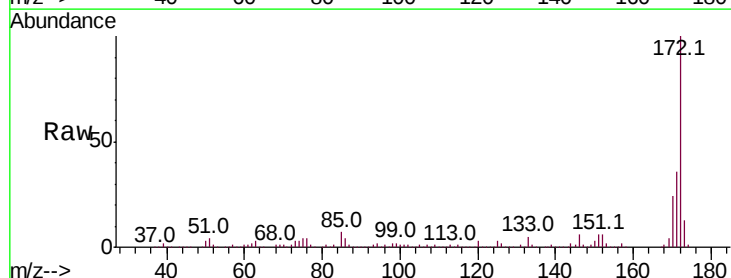
Tgt Ion:172 Resp: 952831

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

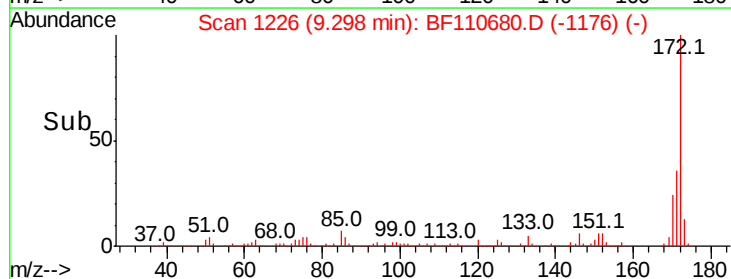
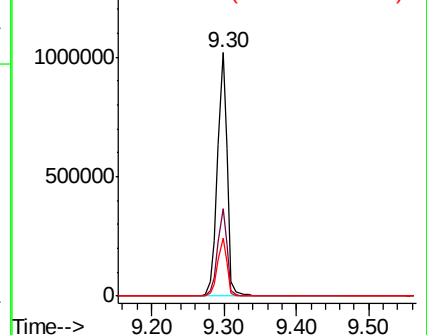
170 23.9 19.7 29.5

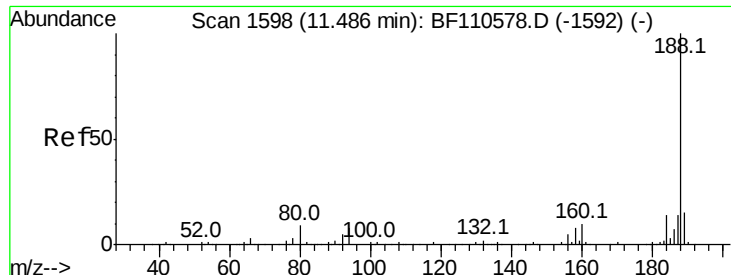


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

Instrument :

BNA_F

ClientSampleId :

SB-13-S

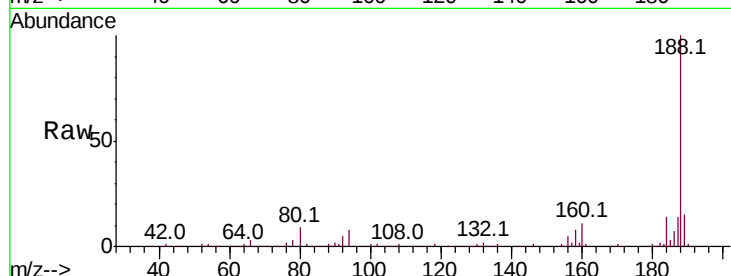
Tot Ion:188 Resp: 339219

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

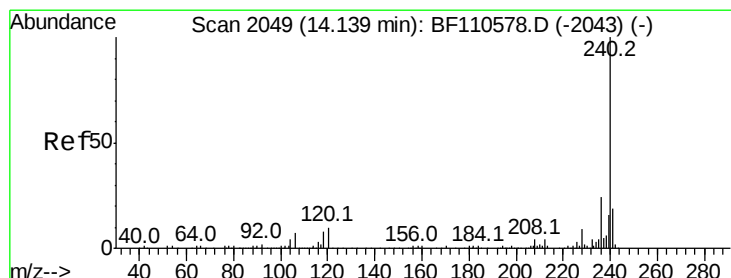
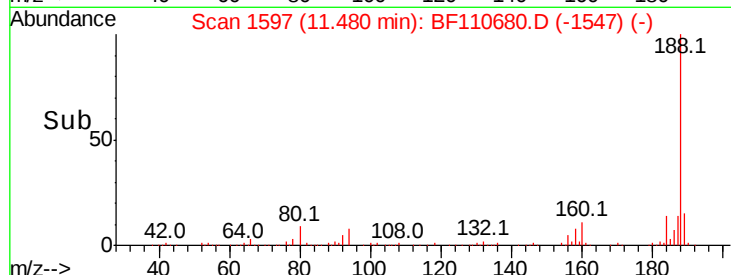
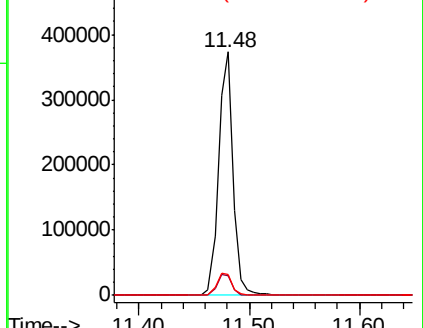
80 8.7 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

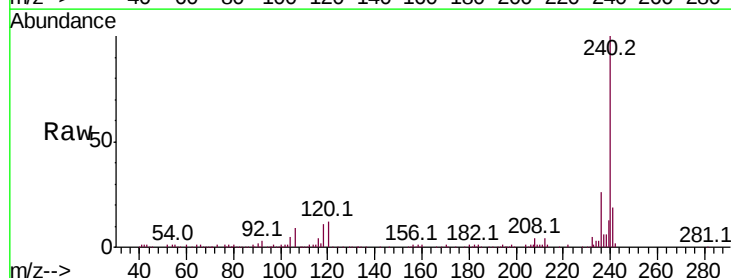
Tgt Ion:240 Resp: 213264

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

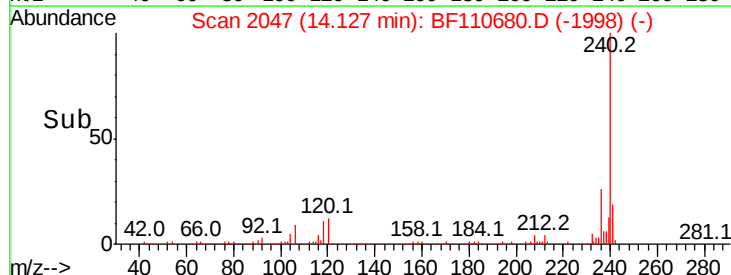
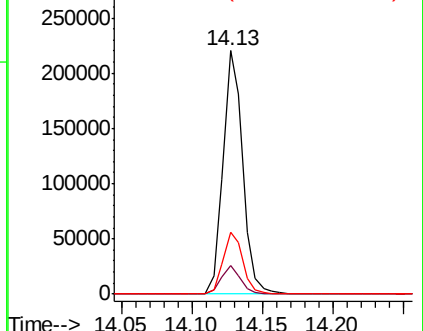
236 25.6 21.2 31.8

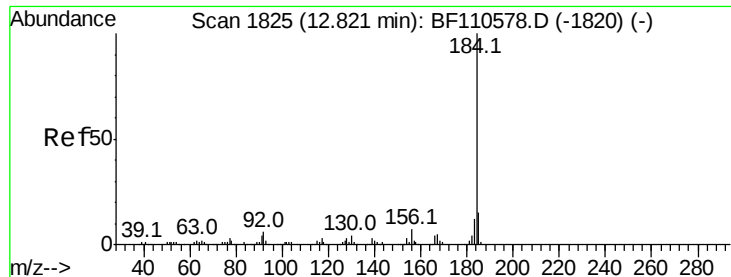


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.145 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

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SB-13-S

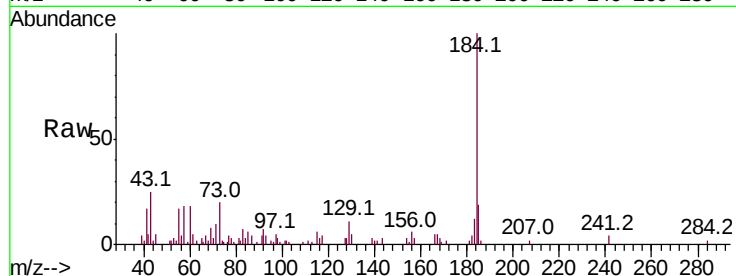
Tot Ion:184 Resp: 30176

Ion Ratio Lower Upper

184 100

185 19.2 13.4 20.2

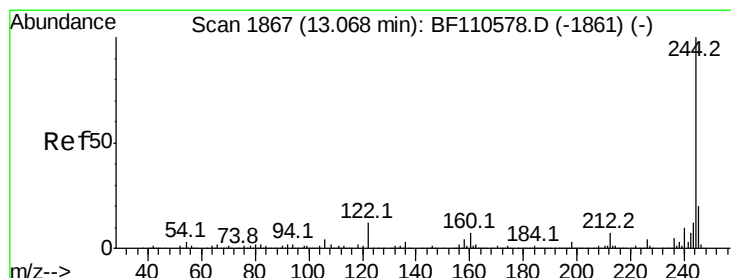
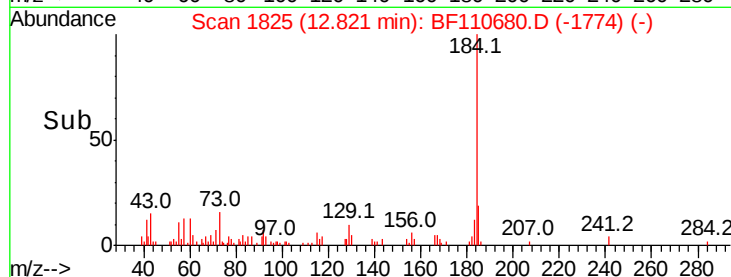
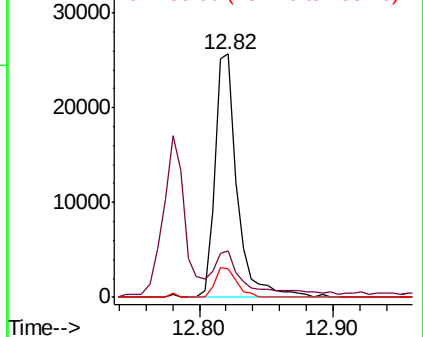
183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 80.731 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

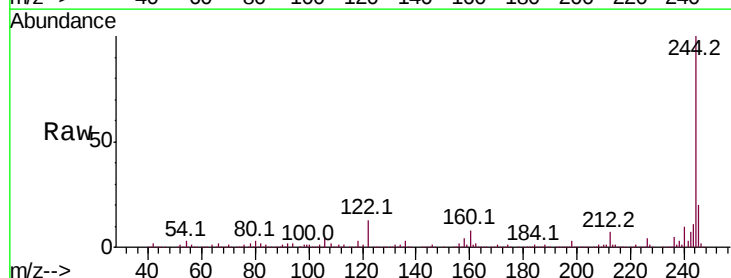
Tgt Ion:244 Resp: 919342

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

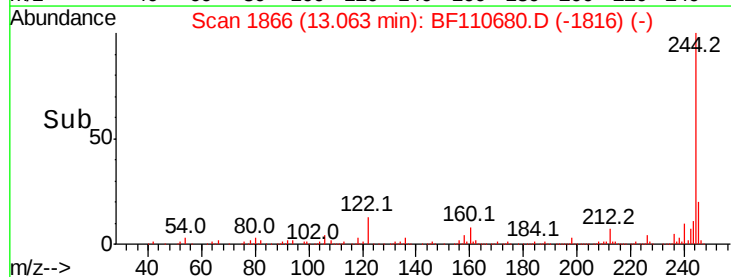
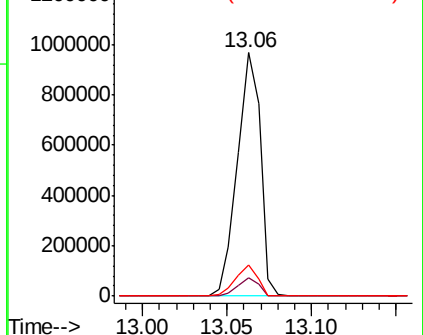
122 13.0 8.7 13.1

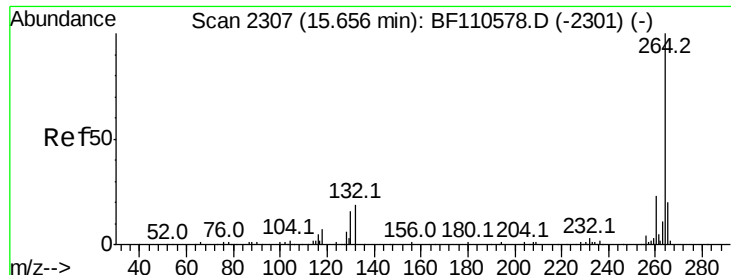


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

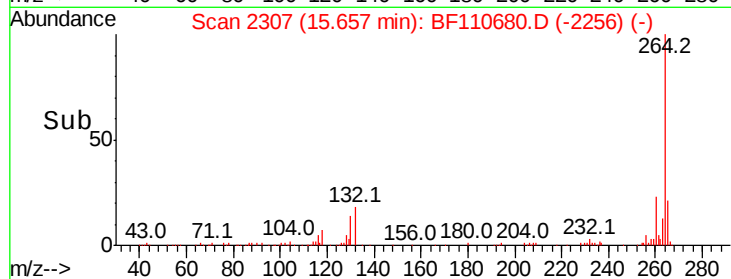
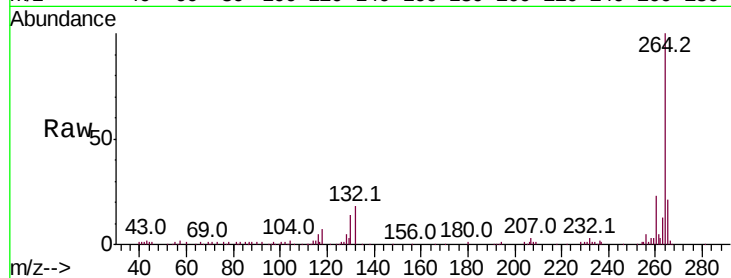




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.7	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 150000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

