

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110775.D
 Acq On : 14 Nov 2018 20:11
 Operator : JU/SJ
 Sample : J5918-05 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-12(10-12)

Quant Time: Nov 15 05:54:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

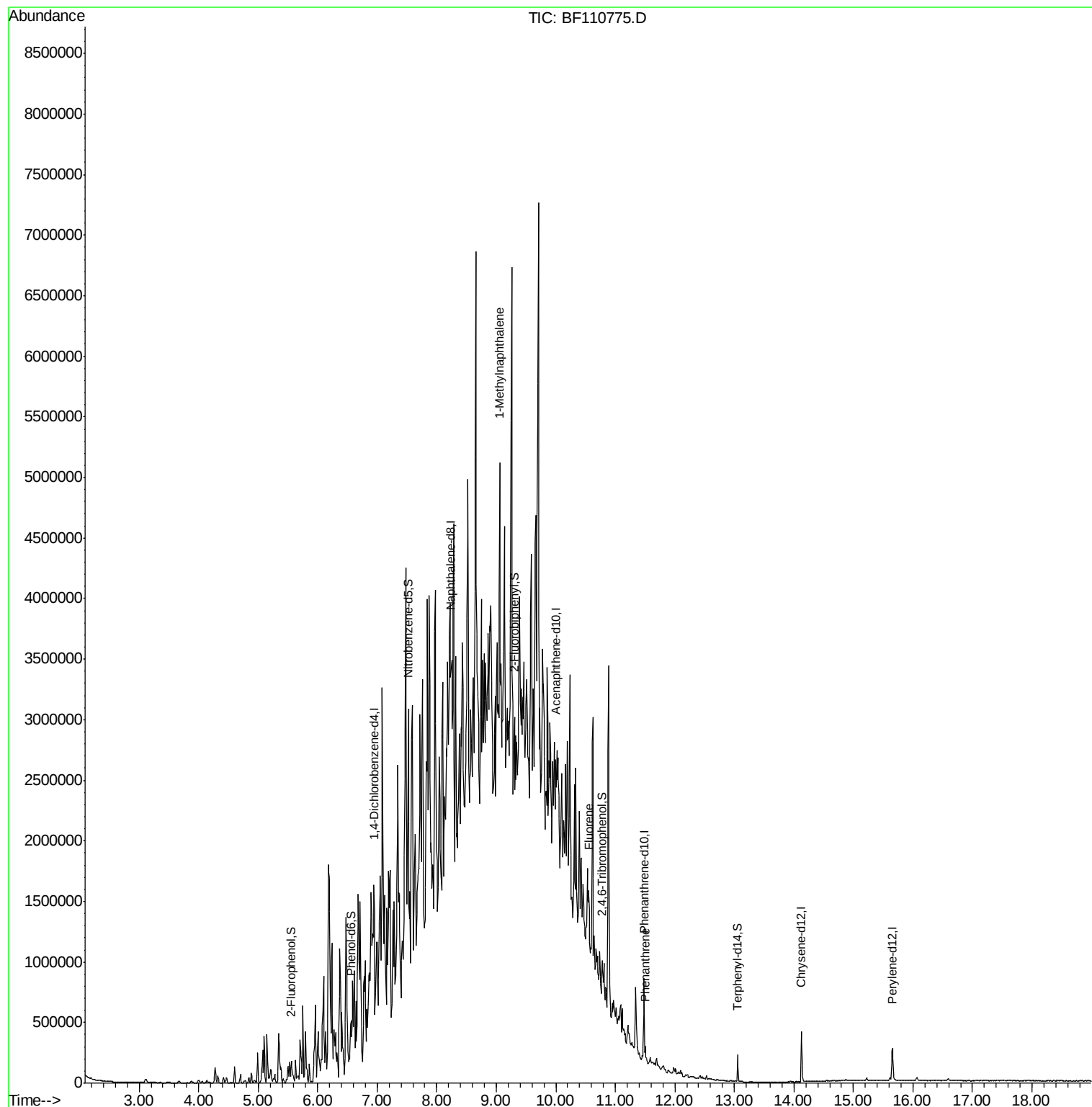
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62056	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	227328	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	113838	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	217780	20.00	ng	0.00
76) Chrysene-d12	14.13	240	157919	20.00	ng	-0.01
87) Perylene-d12	15.66	264	147584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	50032	13.10	ng	0.00
7) Phenol-d6	6.57	99	78374	16.04	ng	0.00
23) Nitrobenzene-d5	7.51	82	85789	21.73	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	13578	11.84	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	79862	10.02	ng	0.00
79) Terphenyl-d14	13.06	244	71492	8.48	ng	-0.01
Target Compounds						
38) 1-Methylnaphthalene	9.06	142	705247	104.822	ng	# 100
58) Fluorene	10.55	166	61170	7.817	ng	# 74
71) Phenanthrene	11.50	178	36168	3.100	ng	# 95

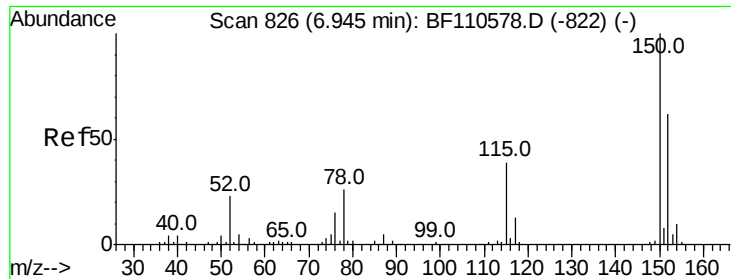
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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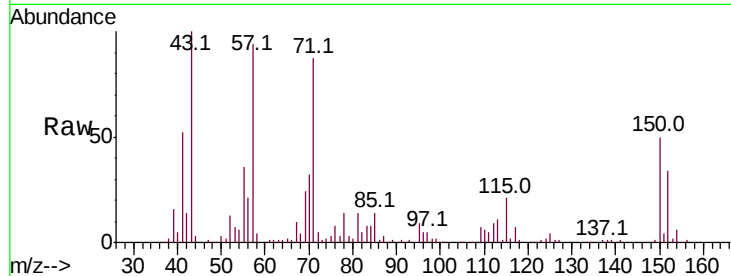


#1

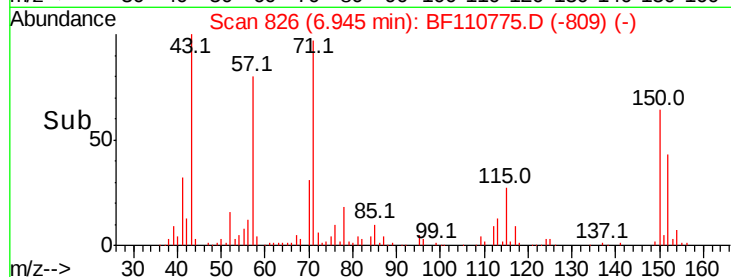
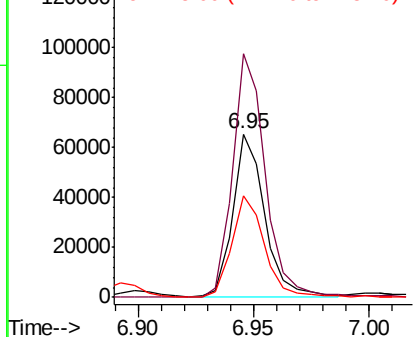
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tot Ion:152 Resp: 62056
Ion Ratio Lower Upper
152 100
150 149.3 122.7 184.1
115 62.4 49.1 73.7



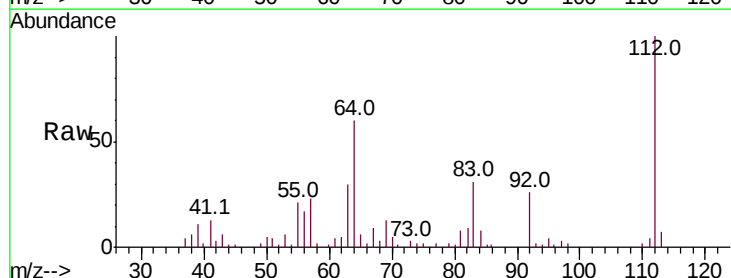
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



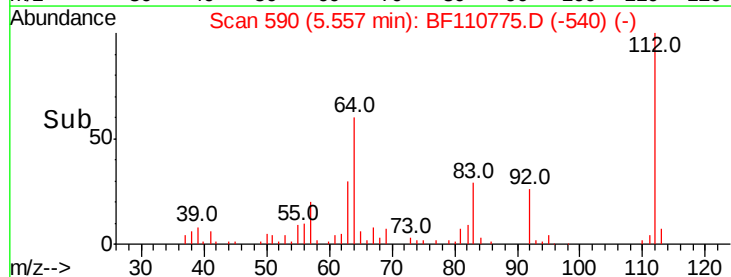
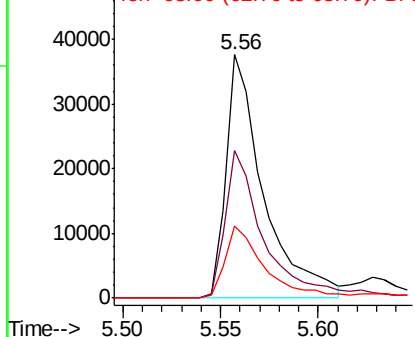
#5

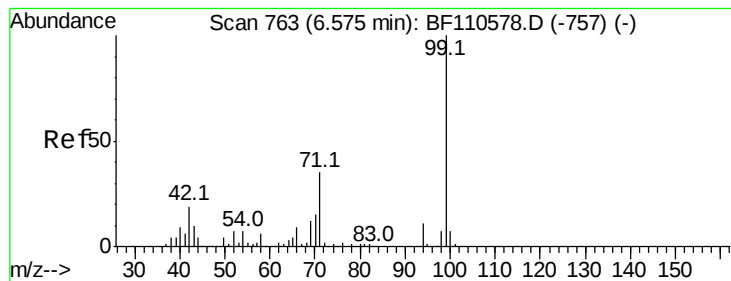
2-Fluorophenol
Concen: 13.096 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:112 Resp: 50032
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 29.6 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: 16.042 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FDSB-12(10-12)

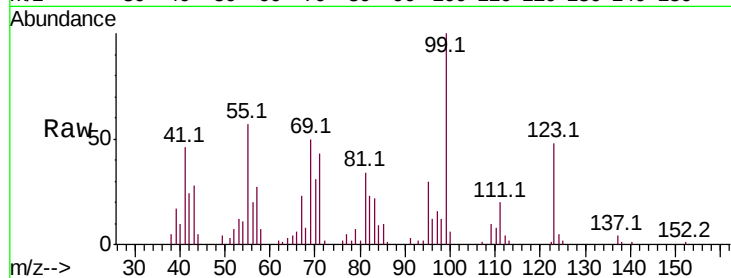
Tot Ion: 99 Resp: 78374

Ion Ratio Lower Upper

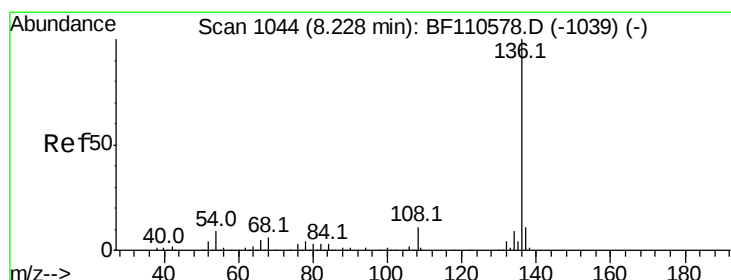
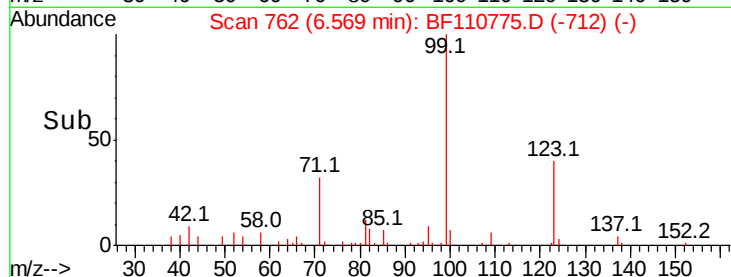
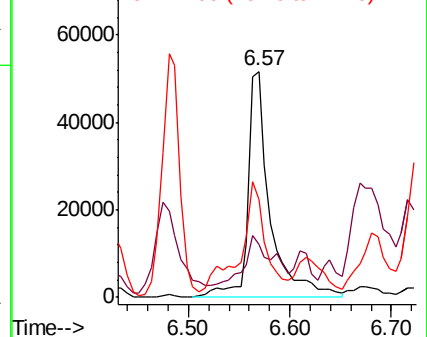
99 100

42 23.5 15.8 23.6

71 43.4 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: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Tgt Ion: 136 Resp: 227328

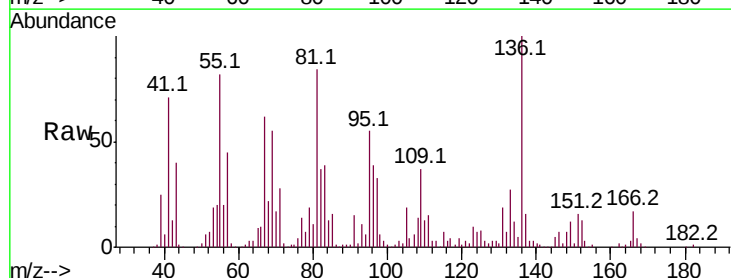
Ion Ratio Lower Upper

136 100

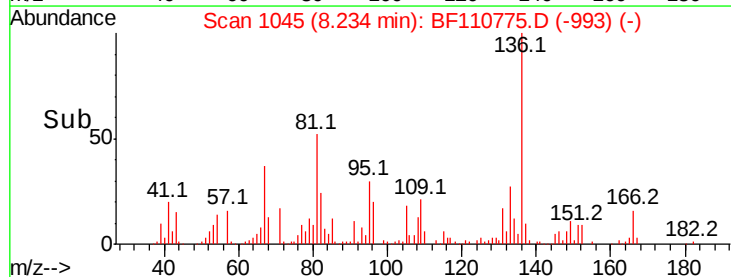
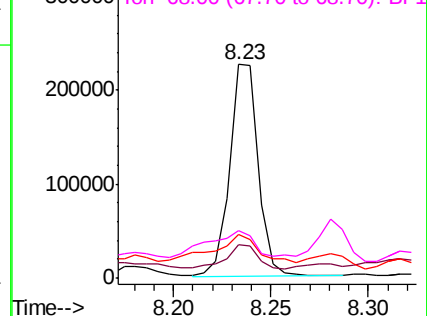
137 15.6 8.8 13.2#

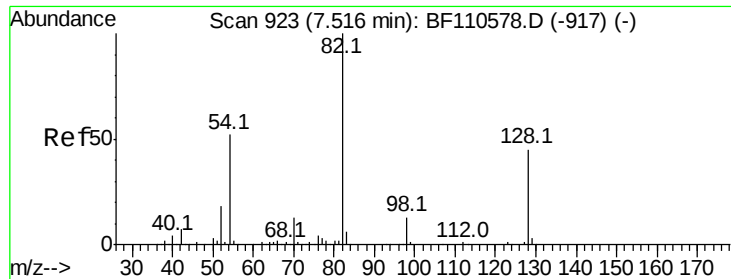
54 20.2 5.4 8.2#

68 22.1 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

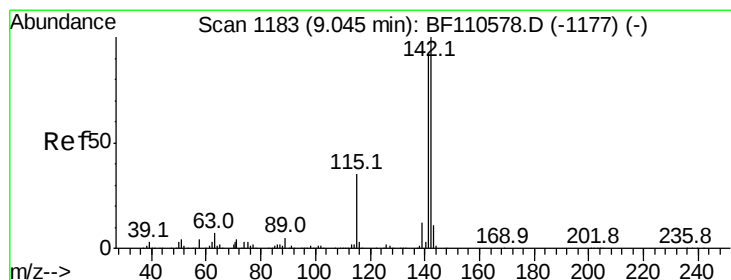
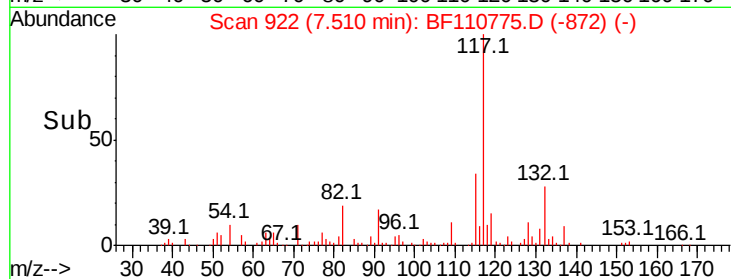
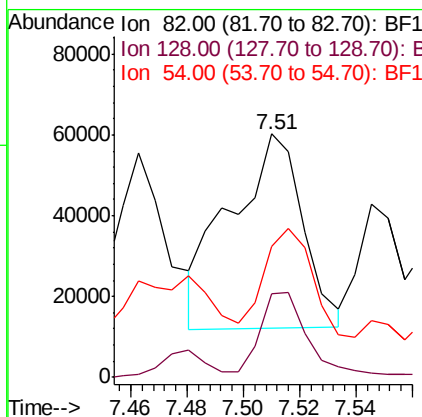
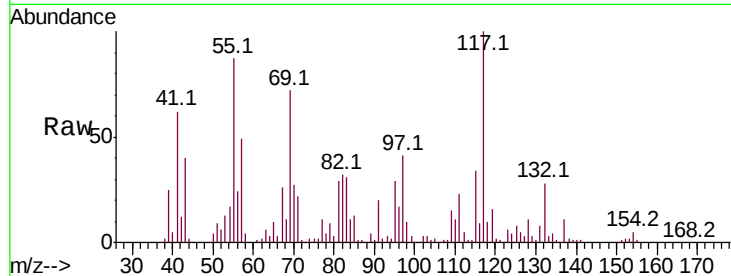




#23
 Nitrobenzene-d5
 Concen: 21.733 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

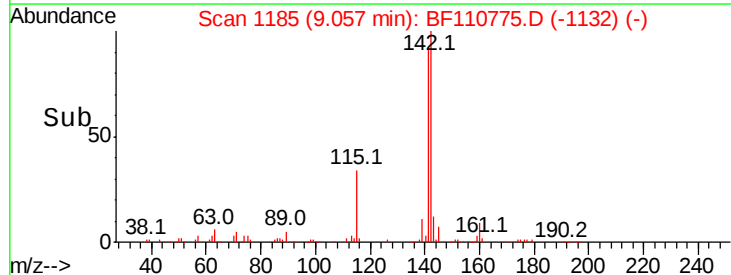
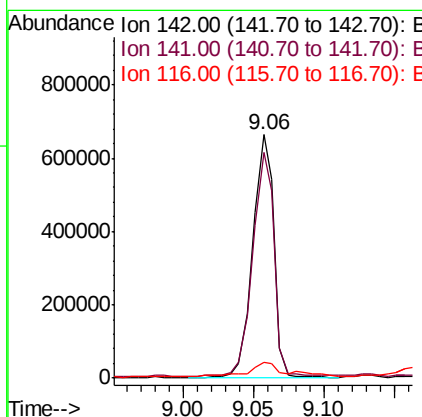
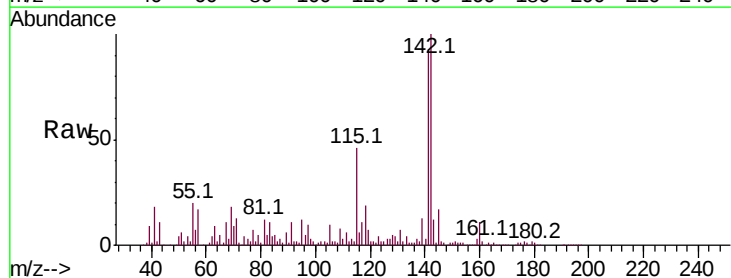
Instrument :
 BNA_F
 ClientSampleId :
 FDSB-12(10-12)

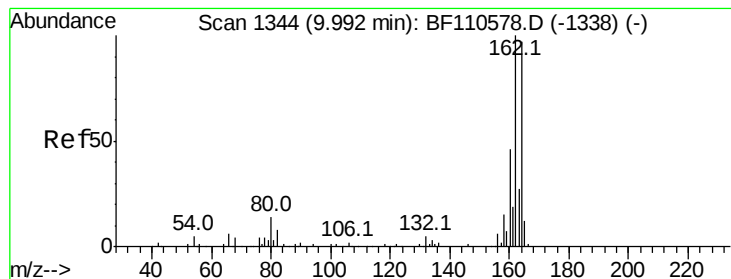
Tot Ion	82	Resp	85789
Ion Ratio	Lower	Upper	
82	100		
128	34.3	34.2	51.2
54	53.8	38.6	58.0



#38
 1-Methylnaphthalene
 Concen: 104.822 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF110775.D
 Acq: 14 Nov 2018 20:11

Tgt Ion	142	Resp	705247
Ion Ratio	Lower	Upper	
142	100		
141	92.8	74.2	111.4
116	6.4	2.6	4.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FDSB-12(10-12)

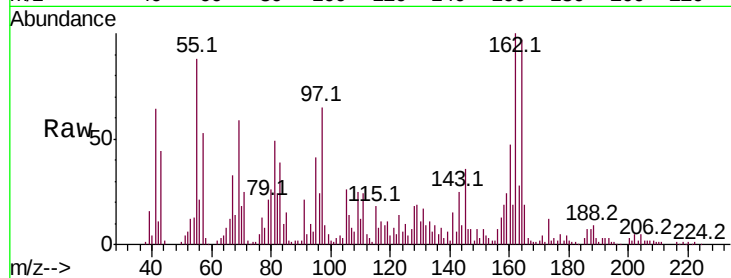
Tot Ion:164 Resp: 113838

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.6

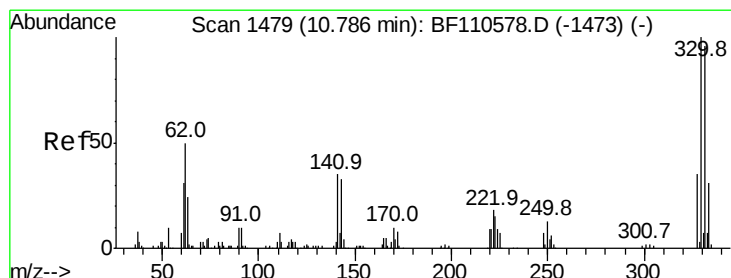
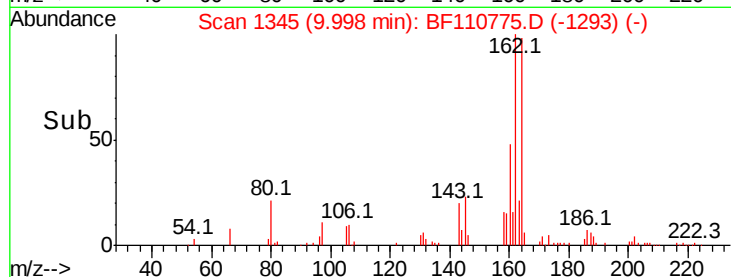
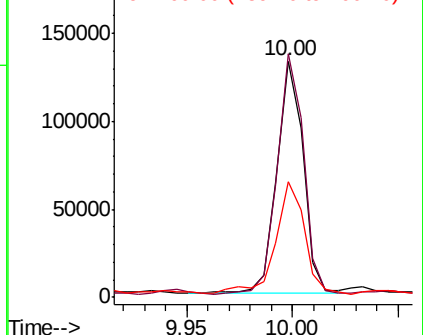
160 48.8 37.0 55.6



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: 11.837 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

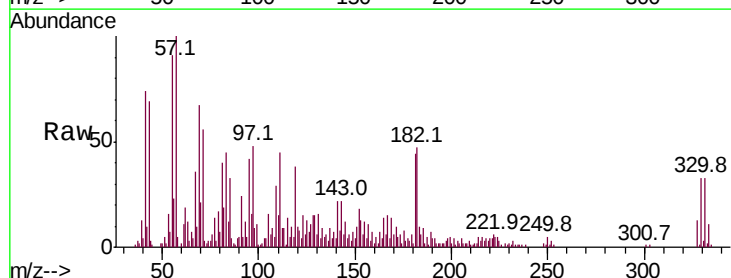
Tgt Ion:330 Resp: 13578

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

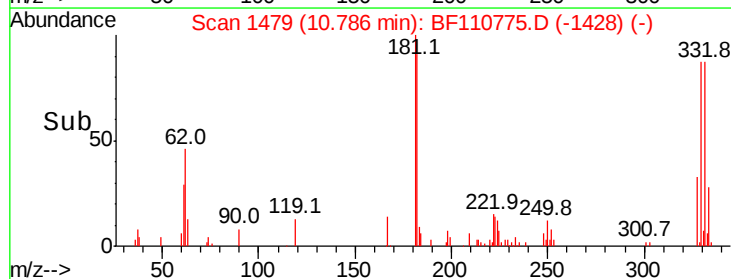
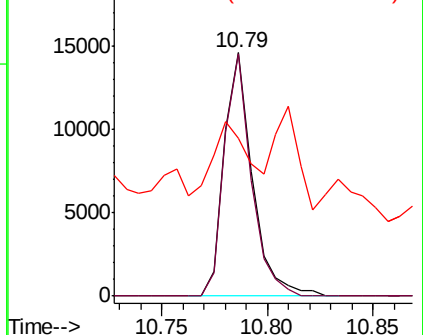
141 37.2 27.0 40.4

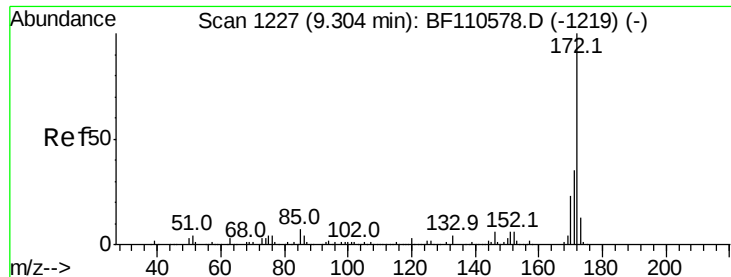


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

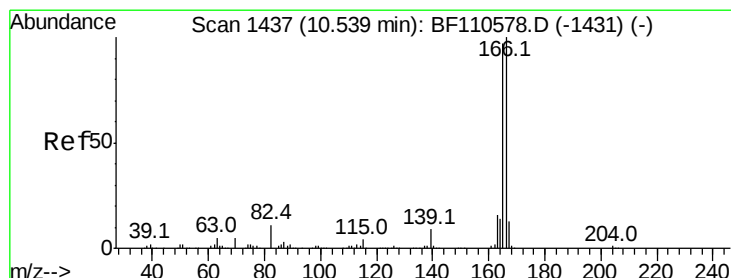
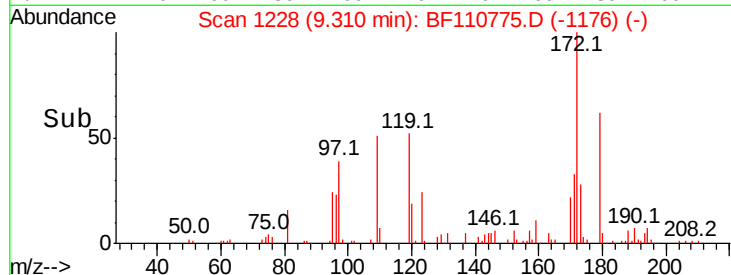
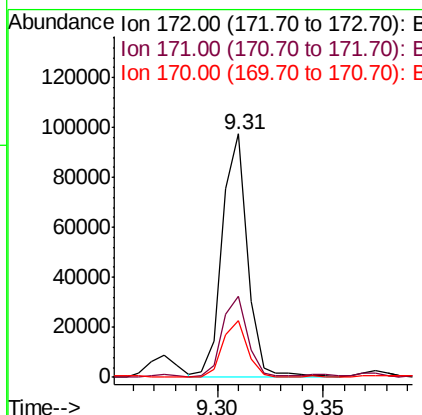
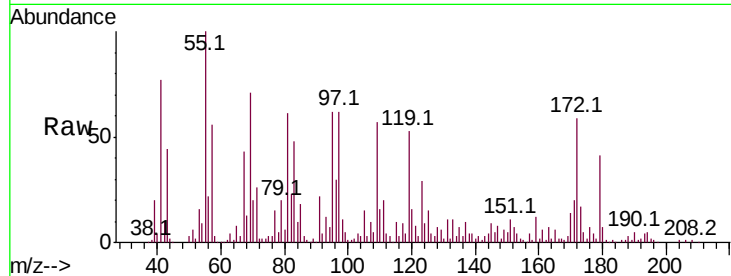




#45
2-Fluorobiphenyl
Concen: 10.019 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

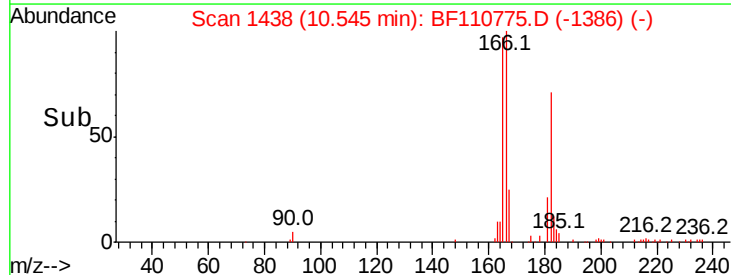
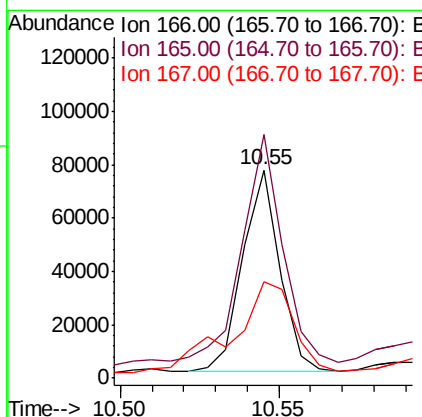
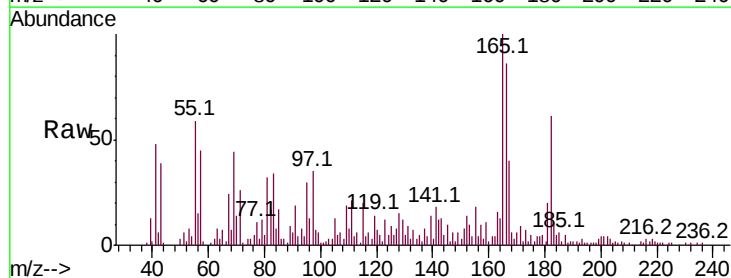
Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

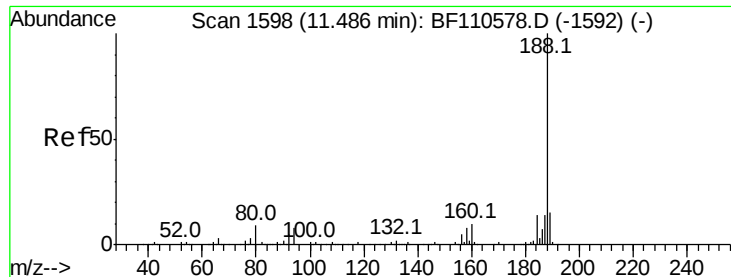
Tot Ion:172 Resp: 79862
Ion Ratio Lower Upper
172 100
171 33.3 28.6 43.0
170 23.2 19.7 29.5



#58
Fluorene
Concen: 7.817 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:166 Resp: 61170
Ion Ratio Lower Upper
166 100
165 116.8 78.6 117.8
167 46.2 10.8 16.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FDSB-12(10-12)

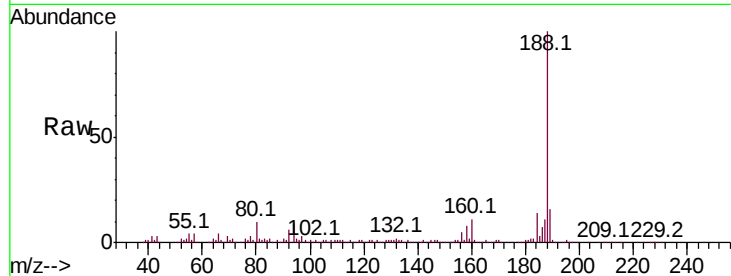
Tot Ion:188 Resp: 217780

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

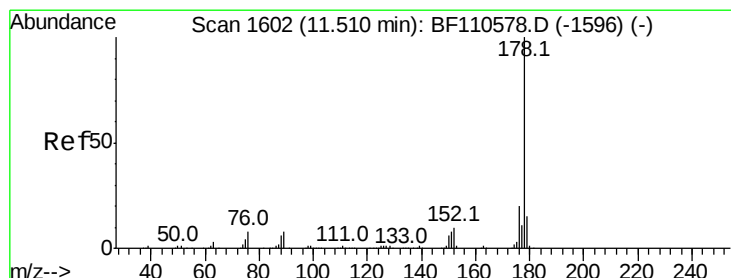
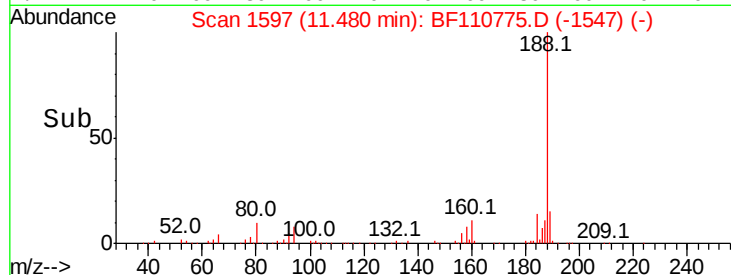
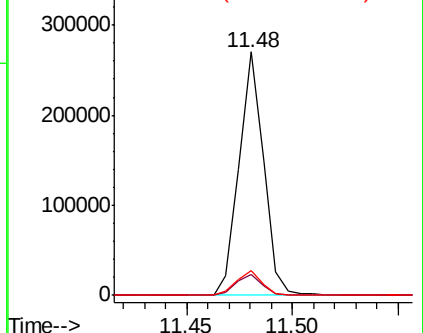
80 9.9 7.9 11.9



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: 3.100 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

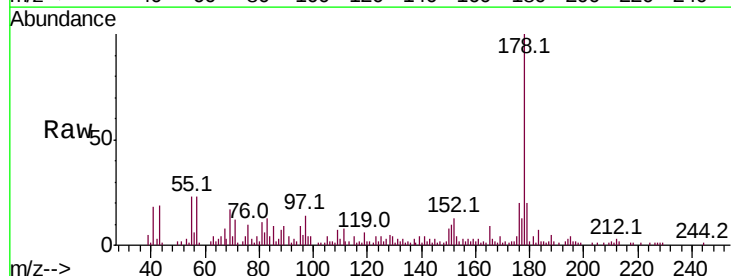
Tgt Ion:178 Resp: 36168

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

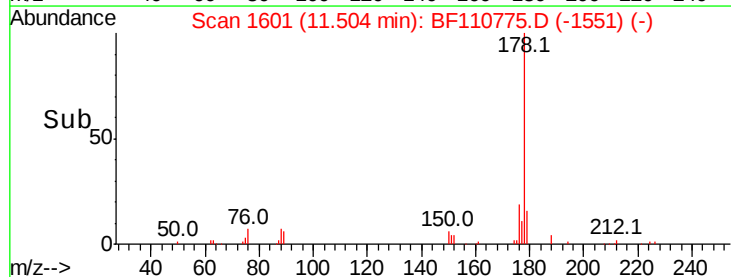
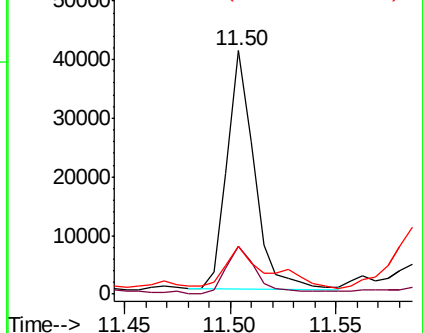
179 19.5 12.5 18.7#

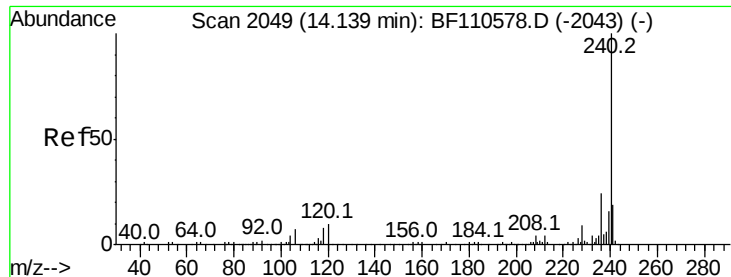


Abundance Ion 178.00 (177.70 to 178.70): E

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: BF110775.D

Acq: 14 Nov 2018 20:11

Instrument :

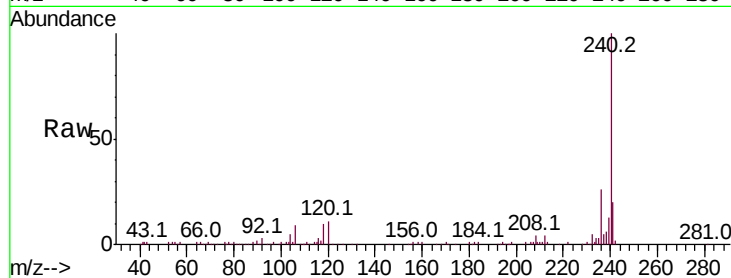
BNA_F

ClientSampleId :

FDSB-12(10-12)

Tot Ion:240 Resp: 157919

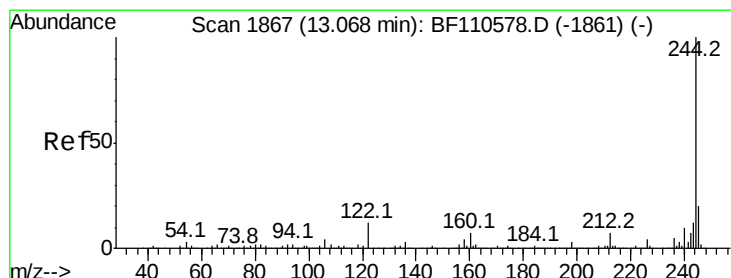
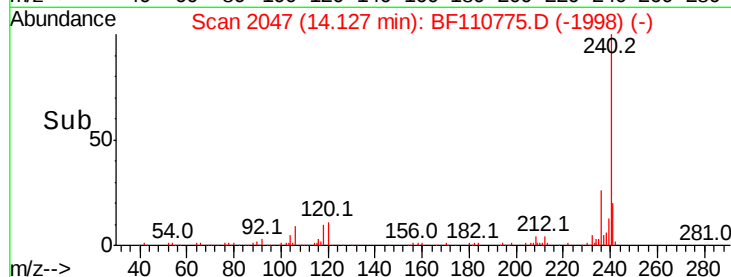
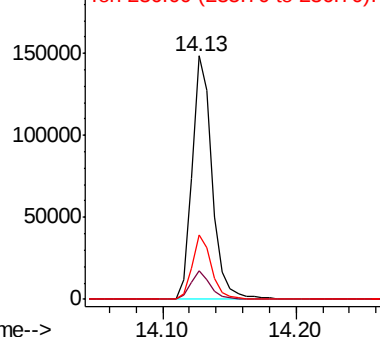
Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	26.4	21.2	31.8



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



#79

Terphenyl-d14

Concen: 8.478 ng

RT: 13.06 min Scan# 1865

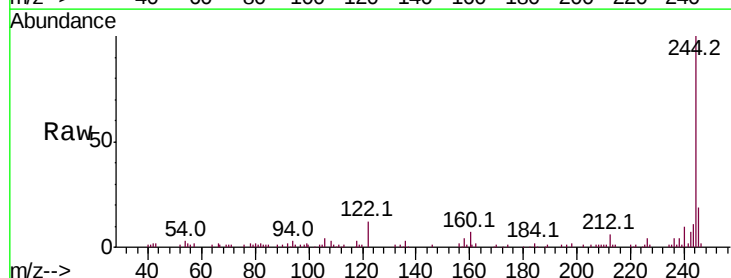
Delta R.T. -0.01 min

Lab File: BF110775.D

Acq: 14 Nov 2018 20:11

Tgt Ion:244 Resp: 71492

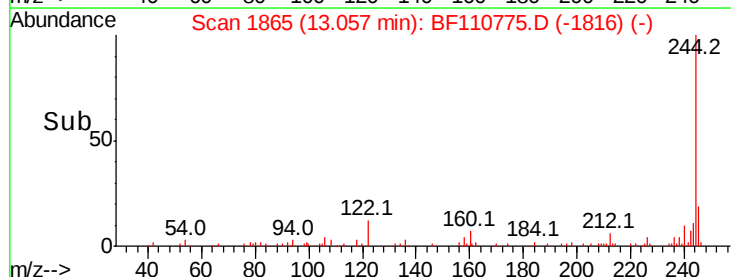
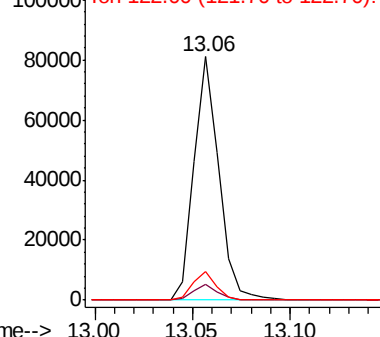
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	11.9	8.7	13.1

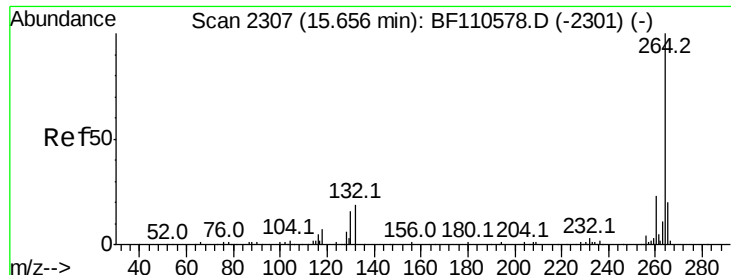


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

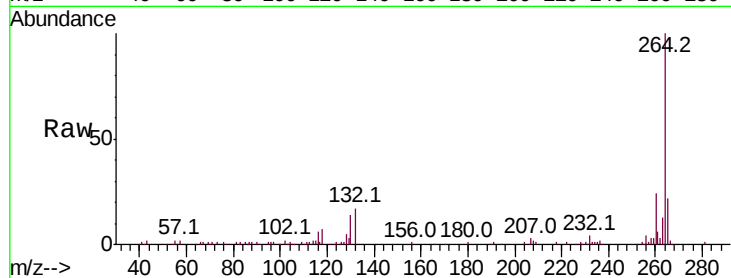




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.0	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

