

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110778.D
 Acq On : 14 Nov 2018 21:34
 Operator : JU/SJ
 Sample : J5911-08 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-06(21-23)

Quant Time: Nov 15 04:38:25 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

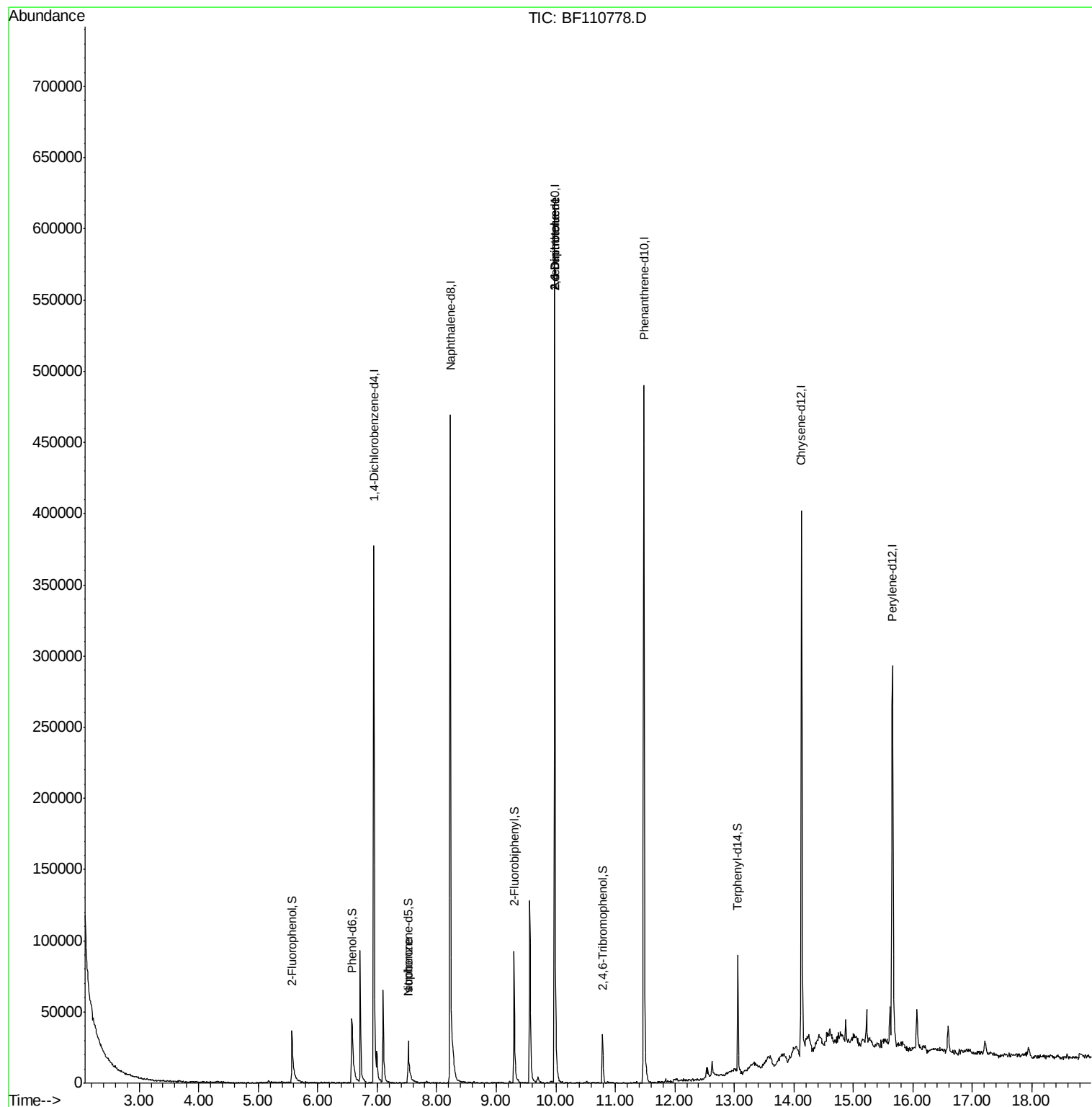
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70173	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	308906	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	143952	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	248976	20.00	ng	0.00
76) Chrysene-d12	14.13	240	164933	20.00	ng	-0.01
87) Perylene-d12	15.66	264	157269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	26637	6.17	ng	0.00
7) Phenol-d6	6.57	99	35728	6.47	ng	0.00
23) Nitrobenzene-d5	7.52	82	21141	3.94	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	6933	4.78	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	47969	4.76	ng	0.00
79) Terphenyl-d14	13.06	244	35162	3.99	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.72	77	502	Below Cal	Qvalue	# 56
25) Isophorone	7.52	82	21141	2.405 ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	18504	7.831 ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	18504	6.023 ng	#	17

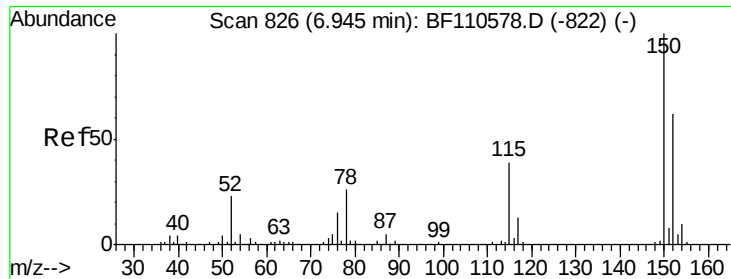
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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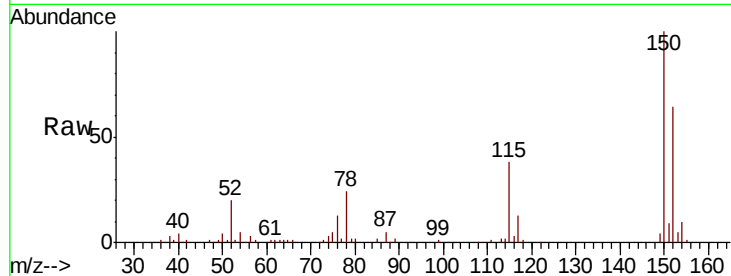




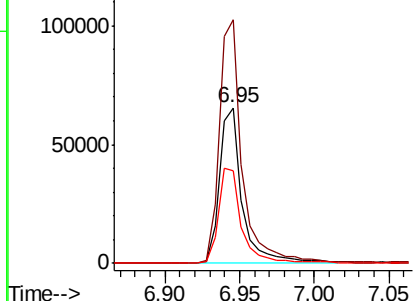
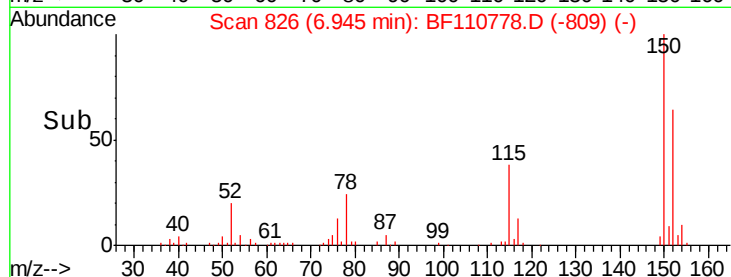
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110778.D
 Acq: 14 Nov 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-06(21-23)

Tgt Ion:152 Resp: 70173
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.7 184.1
 115 59.2 49.1 73.7

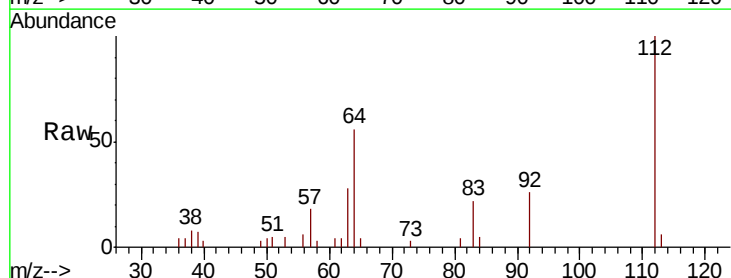


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

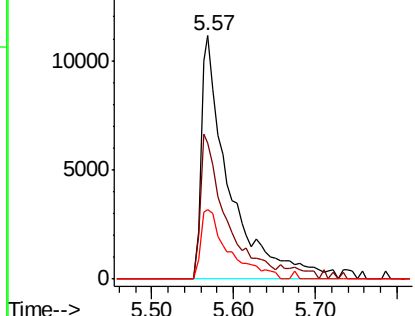
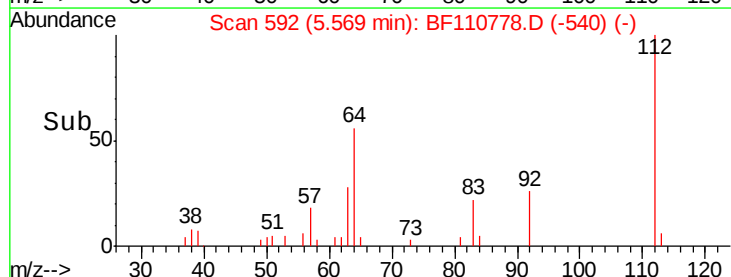


#5
 2-Fluorophenol
 Concen: 6.166 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110778.D
 Acq: 14 Nov 2018 21:34

Tgt Ion:112 Resp: 26637
 Ion Ratio Lower Upper
 112 100
 64 55.9 44.1 66.1
 63 28.4 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: 6.467 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110778.D

Acq: 14 Nov 2018 21:34

Instrument :

BNA_F

ClientSampleId :

FDSB-06(21-23)

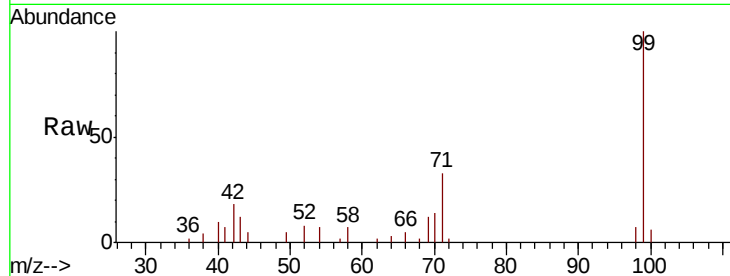
Tgt Ion: 99 Resp: 35728

Ion Ratio Lower Upper

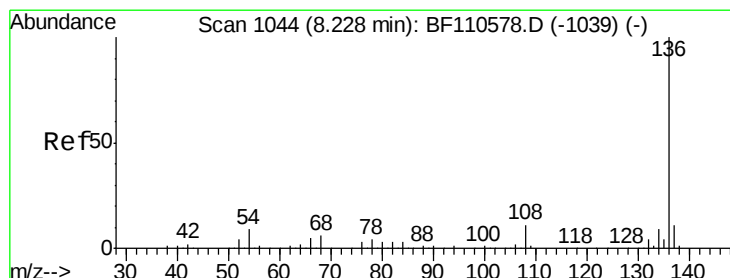
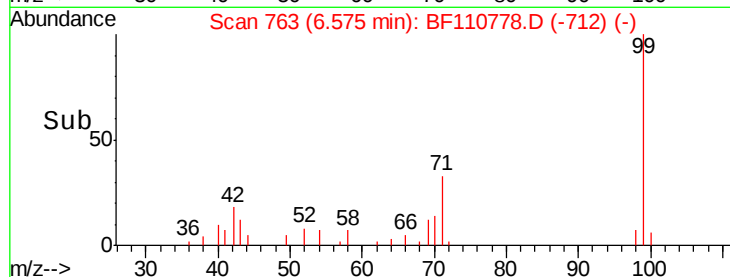
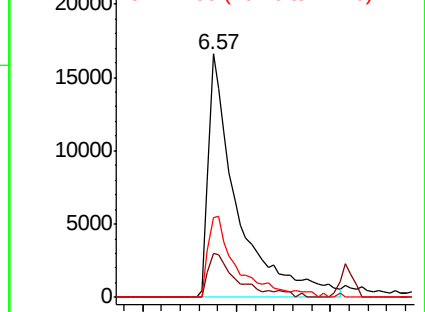
99 100

42 18.2 15.8 23.6

71 32.8 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# 1044

Delta R.T. 0.00 min

Lab File: BF110778.D

Acq: 14 Nov 2018 21:34

Tgt Ion: 136 Resp: 308906

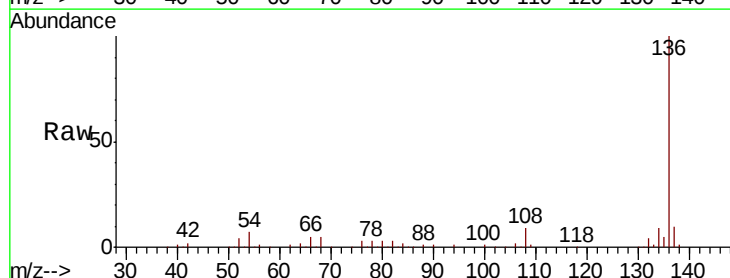
Ion Ratio Lower Upper

136 100

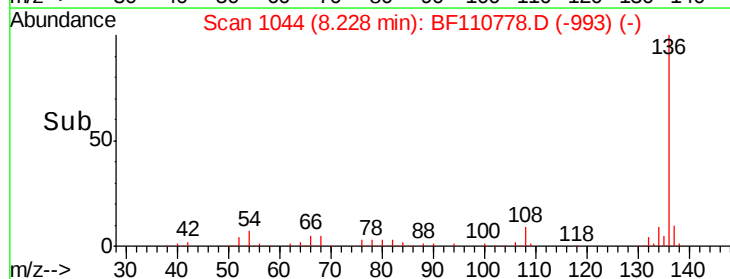
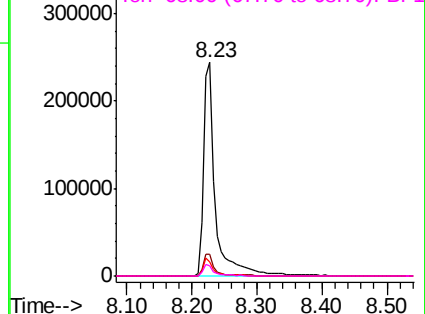
137 10.4 8.8 13.2

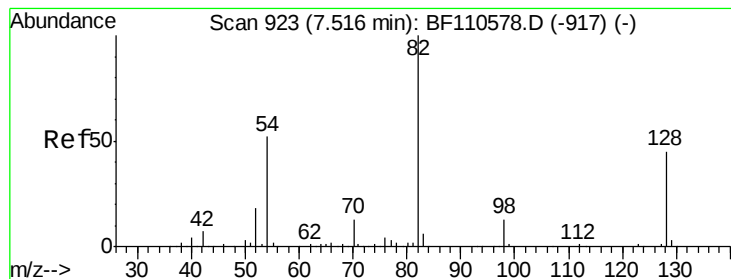
54 6.9 5.4 8.2

68 4.9 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: 3.941 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF110778.D

Acq: 14 Nov 2018 21:34

Instrument :

BNA_F

ClientSampleId :

FDSB-06(21-23)

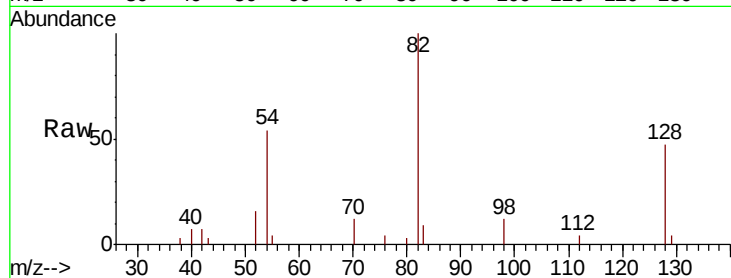
Tgt Ion: 82 Resp: 21141

Ion Ratio Lower Upper

82 100

128 47.4 34.2 51.2

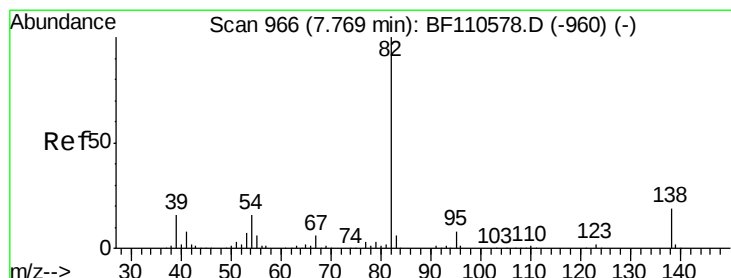
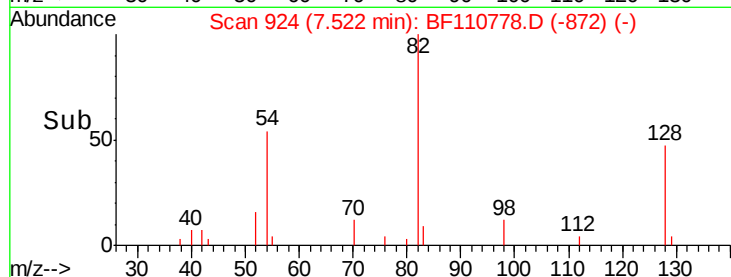
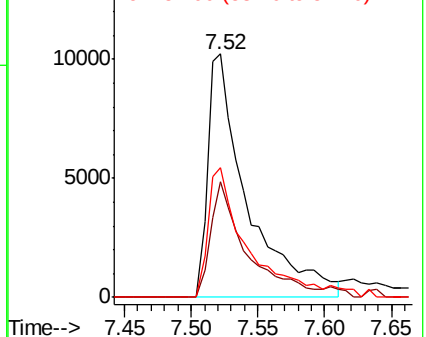
54 53.5 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 2.405 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110778.D

Acq: 14 Nov 2018 21:34

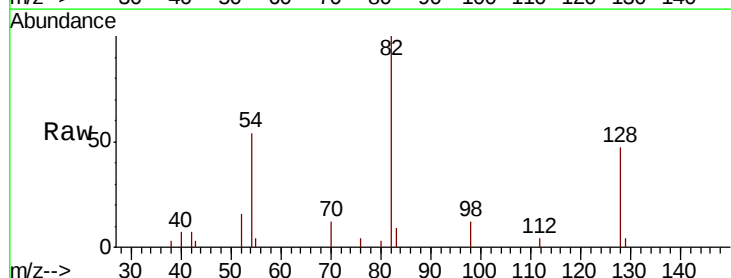
Tgt Ion: 82 Resp: 21141

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

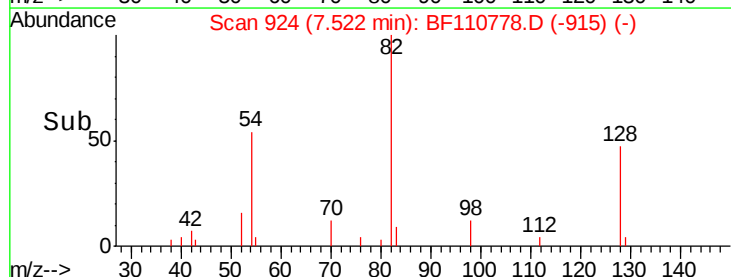
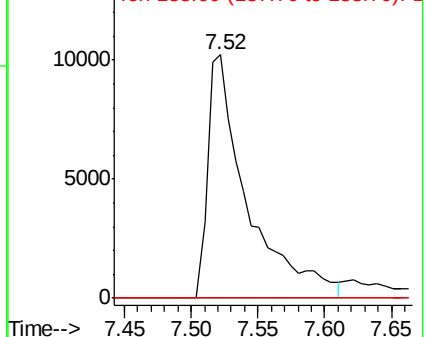
138 0.0 13.2 19.8#

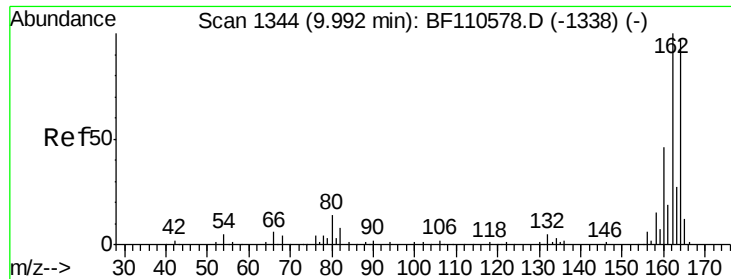


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110778.D

Acq: 14 Nov 2018 21:34

Instrument :

BNA_F

ClientSampleId :

FDSB-06(21-23)

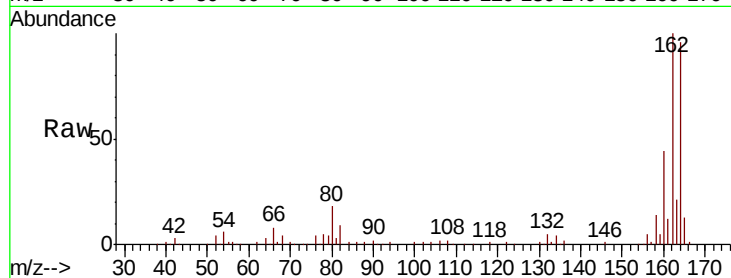
Tgt Ion:164 Resp: 143952

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.6

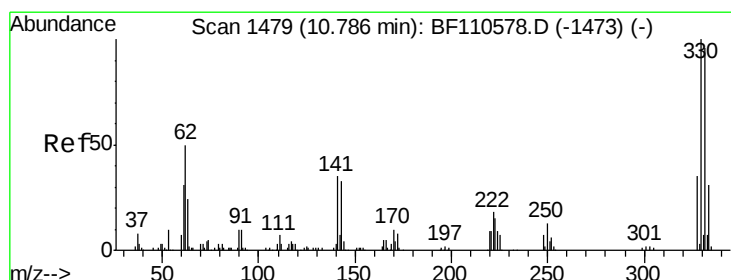
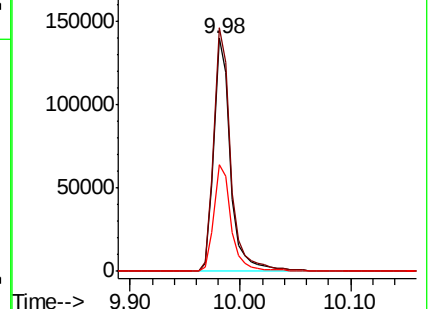
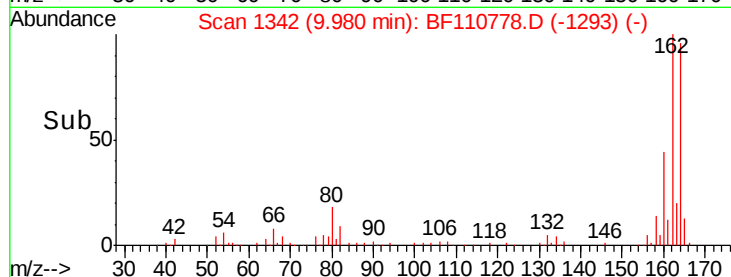
160 45.8 37.0 55.6



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: 4.780 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110778.D

Acq: 14 Nov 2018 21:34

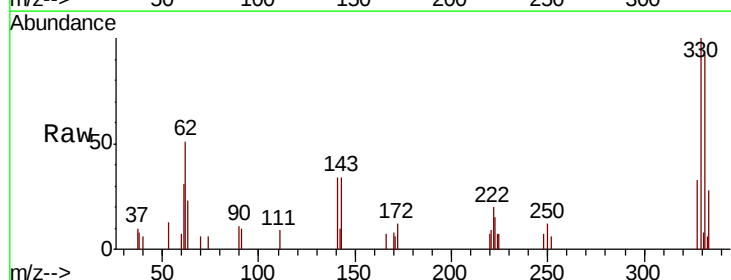
Tgt Ion:330 Resp: 6933

Ion Ratio Lower Upper

330 100

332 93.1 77.1 115.7

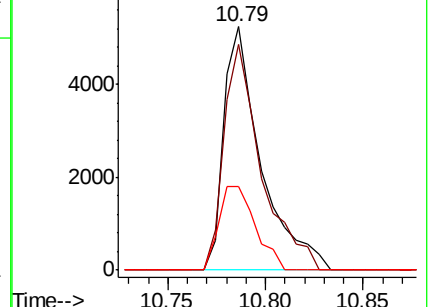
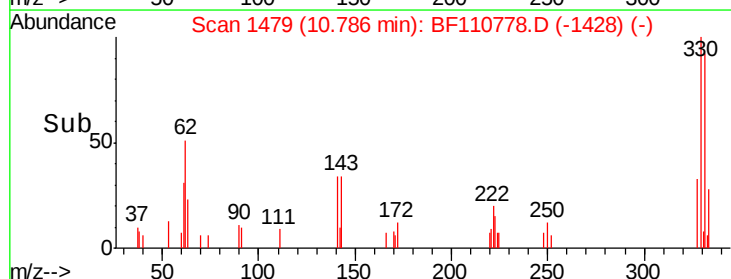
141 33.7 27.0 40.4

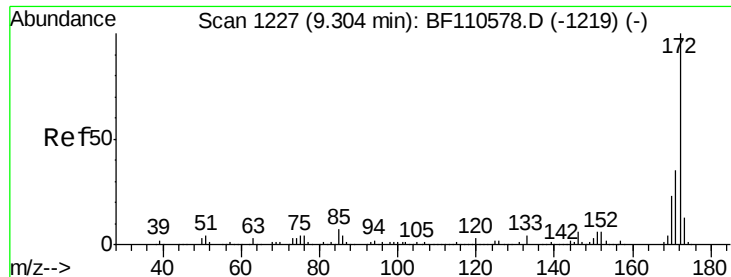


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

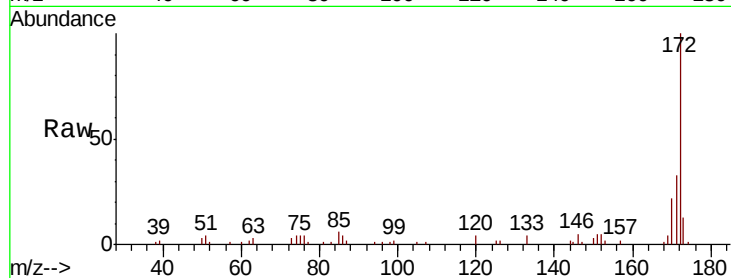




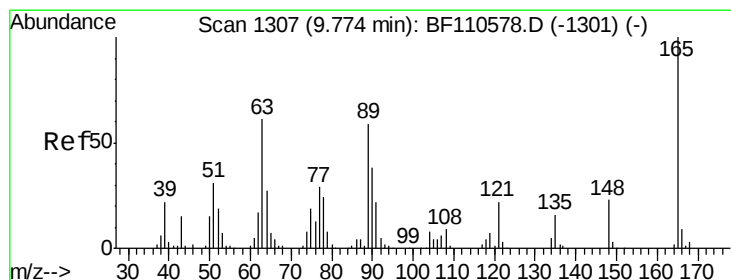
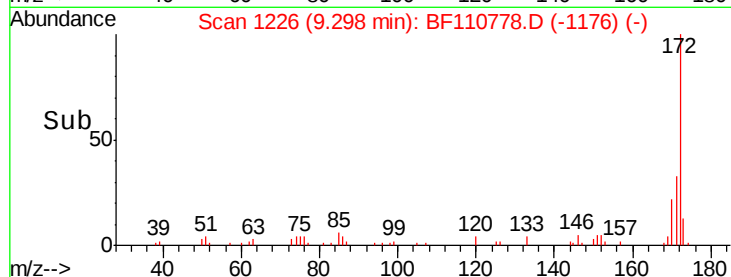
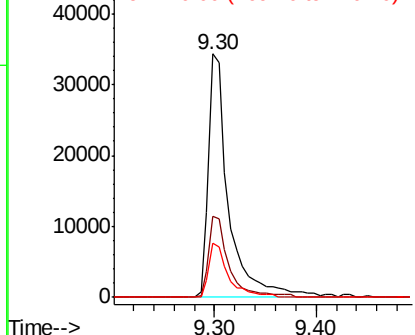
#45
2-Fluorobiphenyl
Concen: 4.759 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110778.D
Acq: 14 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
FDSB-06(21-23)

Tgt Ion:172 Resp: 47969
Ion Ratio Lower Upper
172 100
171 33.1 28.6 43.0
170 22.1 19.7 29.5

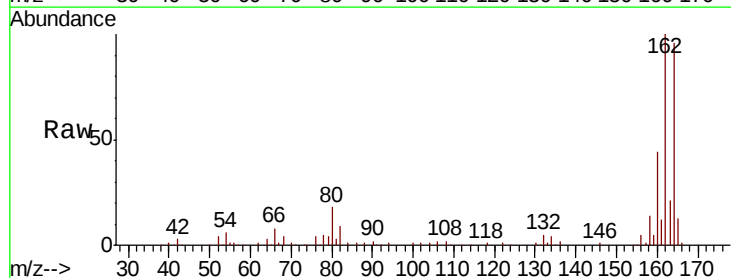


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

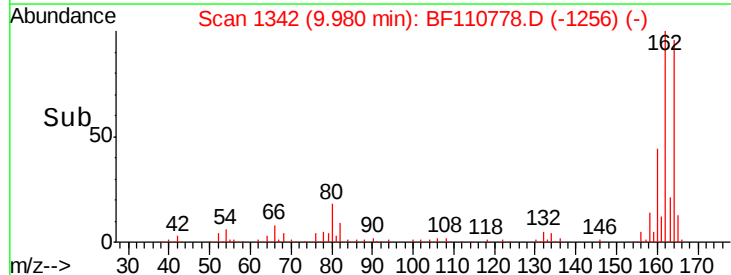
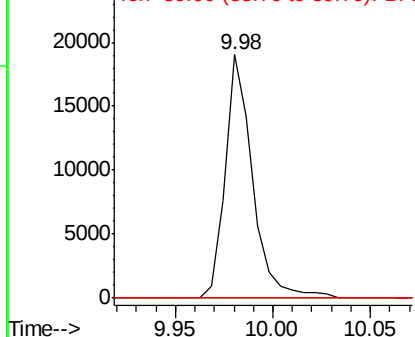


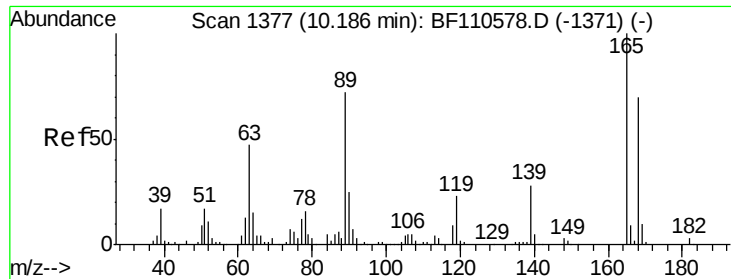
#51
2,6-Dinitrotoluene
Concen: 7.831 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110778.D
Acq: 14 Nov 2018 21:34

Tgt Ion:165 Resp: 18504
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

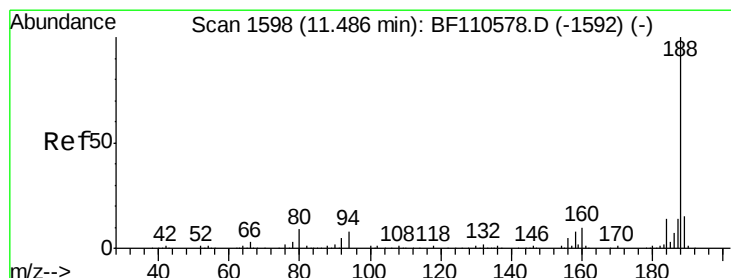
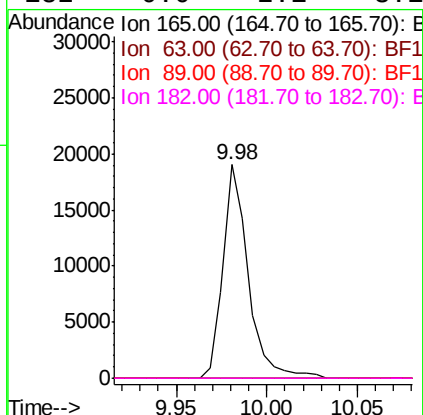
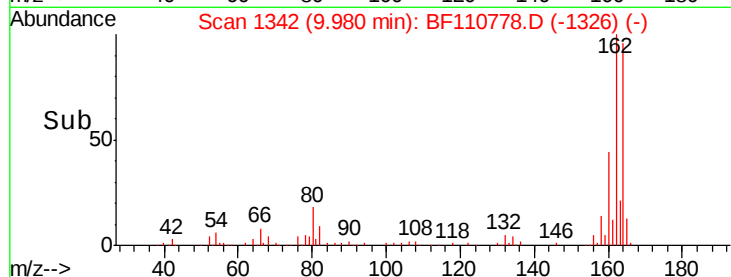
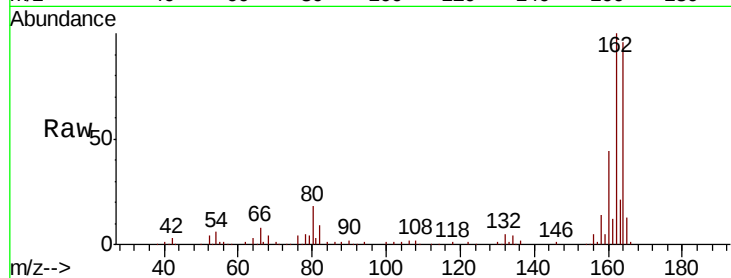




#57
 2,4-Dinitrotoluene
 Concen: 6.023 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110778.D
 Acq: 14 Nov 2018 21:34

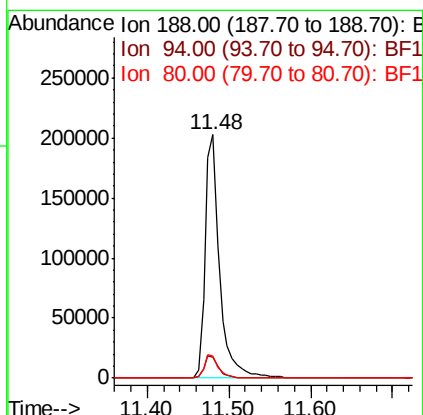
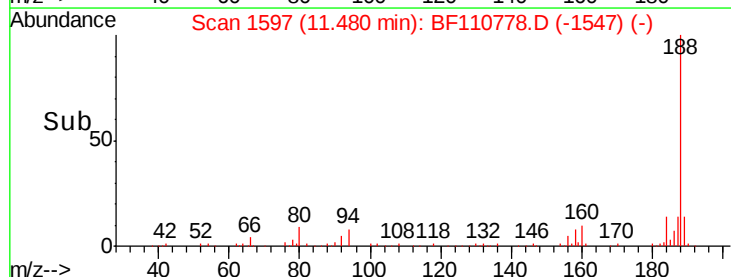
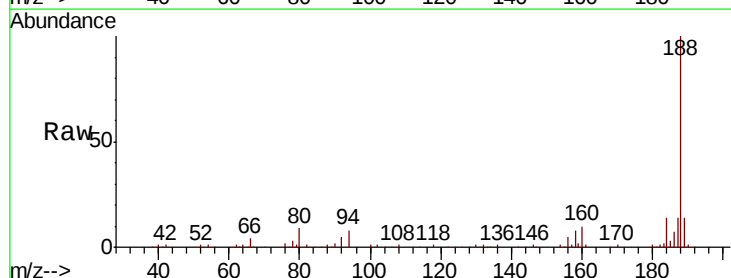
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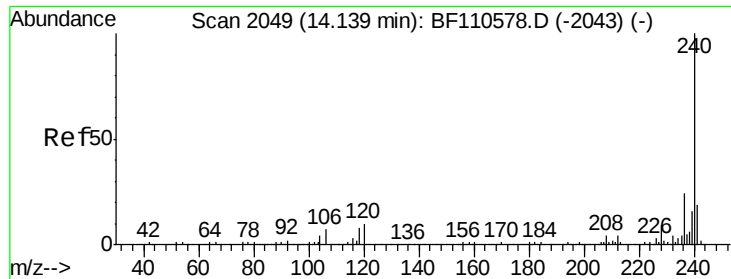
Tgt Ion:	165	Resp:	18504
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110778.D
 Acq: 14 Nov 2018 21:34

Tgt Ion:	188	Resp:	248976
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.2	7.9	11.9

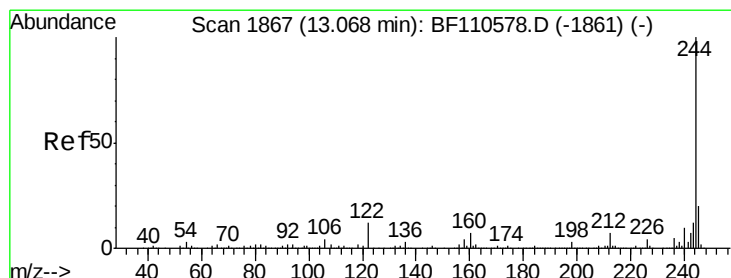
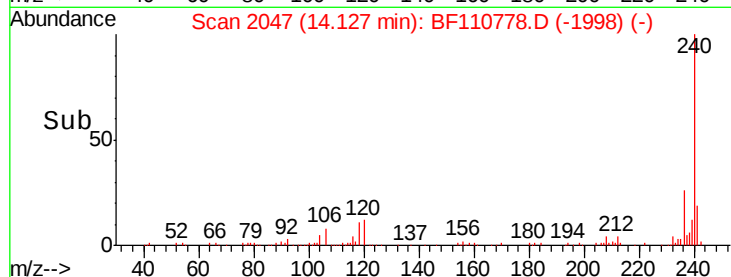
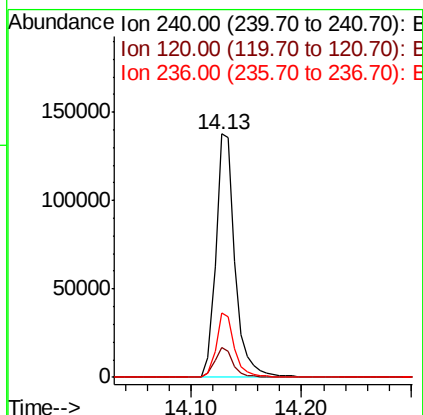
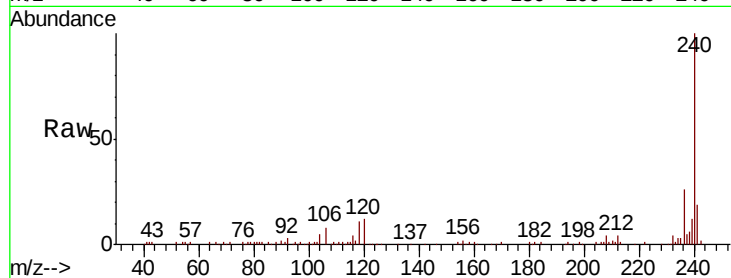




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110778.D
Acq: 14 Nov 2018 21:34

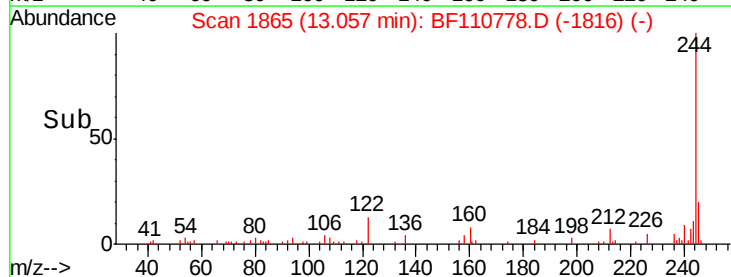
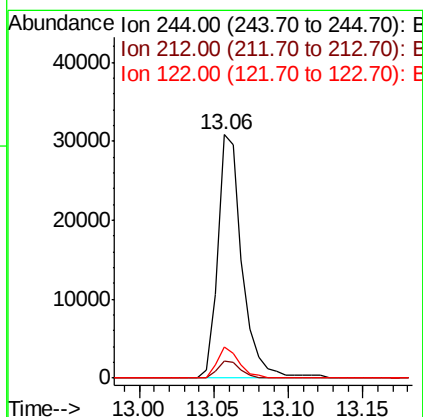
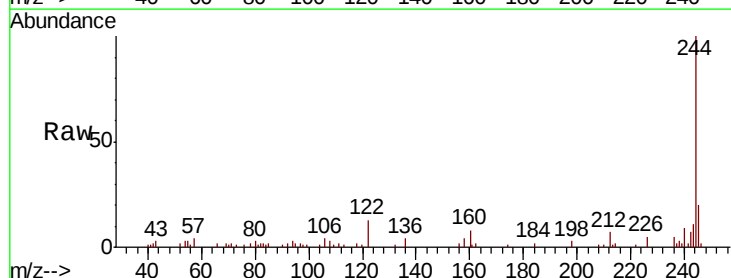
Instrument :
BNA_F
ClientSampleId :
FDSB-06(21-23)

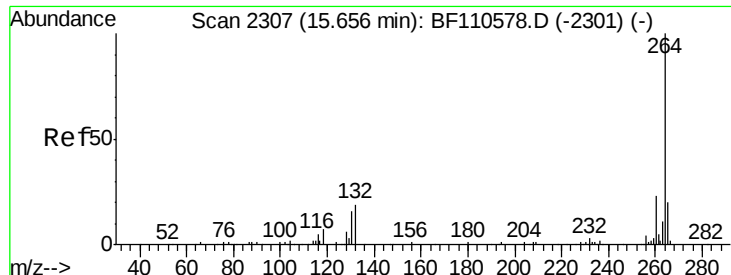
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.5	21.2	31.8



#79
Terphenyl-d14
Concen: 3.993 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110778.D
Acq: 14 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.5	8.7	13.1

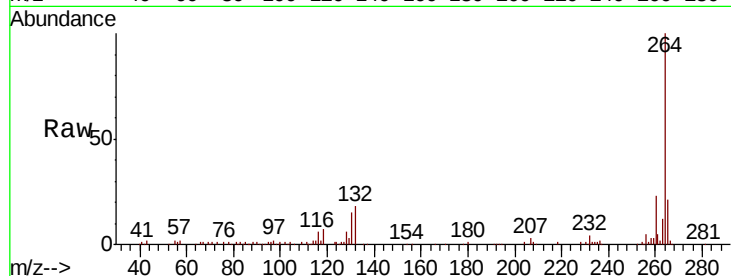




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110778.D
Acq: 14 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
FDSB-06(21-23)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	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

