

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110777.D
 Acq On : 14 Nov 2018 21:06
 Operator : JU/SJ
 Sample : J5922-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-OILY-STONE

Quant Time: Nov 15 04:38:17 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

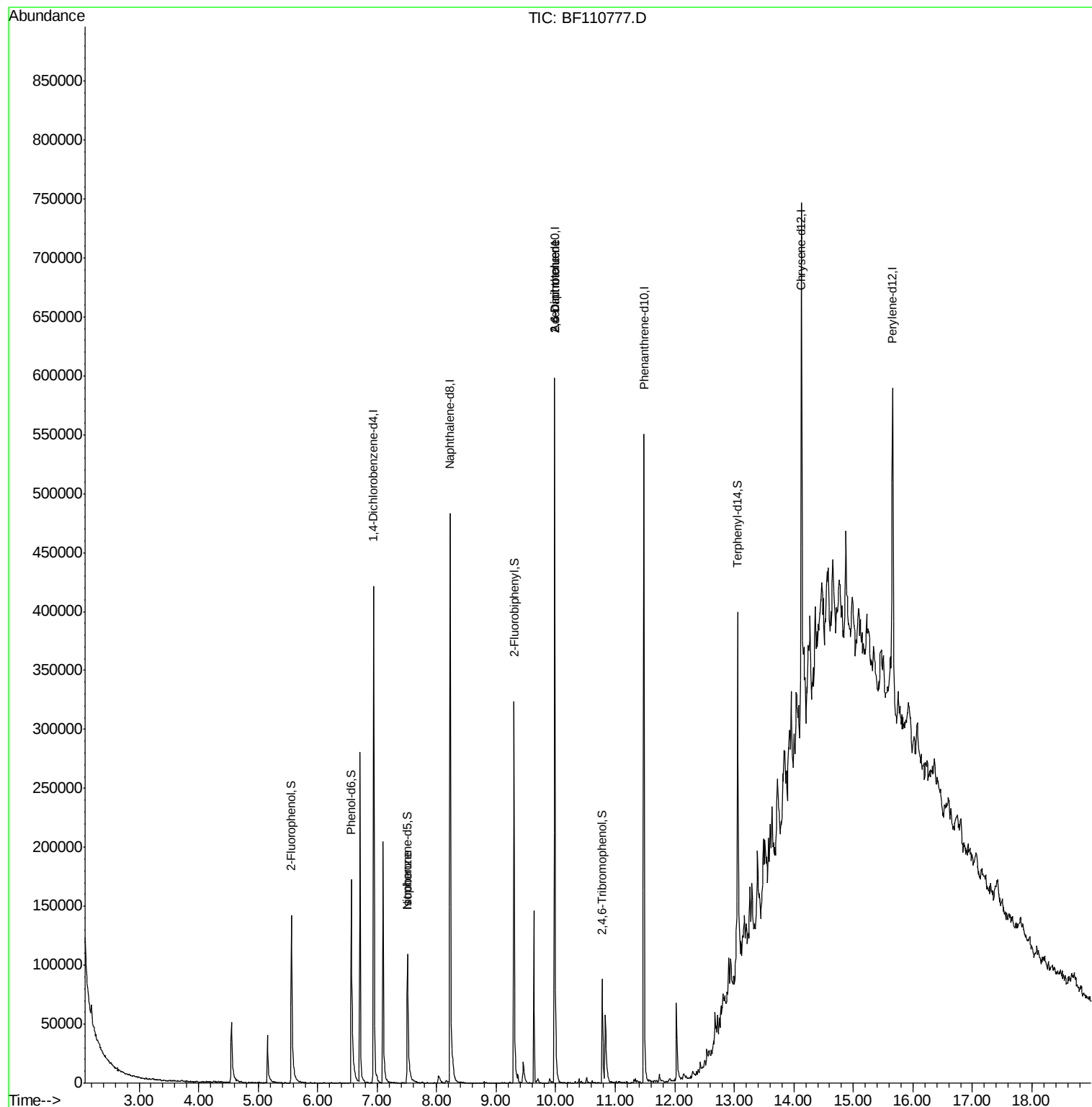
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	70242	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	301358	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	138239	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	241073	20.00	ng	0.00
76) Chrysene-d12	14.13	240	153235	20.00	ng	-0.01
87) Perylene-d12	15.66	264	143466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	66443	15.36	ng	0.00
7) Phenol-d6	6.56	99	92893	16.80	ng	-0.01
23) Nitrobenzene-d5	7.51	82	57201	10.93	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	13582	9.75	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	127208	13.14	ng	0.00
79) Terphenyl-d14	13.06	244	96451	11.79	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.71	77	1477	Below Cal	Qvalue	# 81
25) Isophorone	7.51	82	57201	6.669 ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	17156	7.561 ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	17156	5.815 ng	#	17

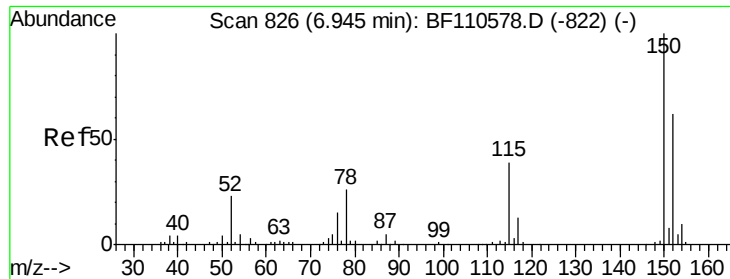
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
Data File : BF110777.D
Acq On : 14 Nov 2018 21:06
Operator : JU/SJ
Sample : J5922-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-OILY-STONE

Quant Time: Nov 15 04:38:17 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



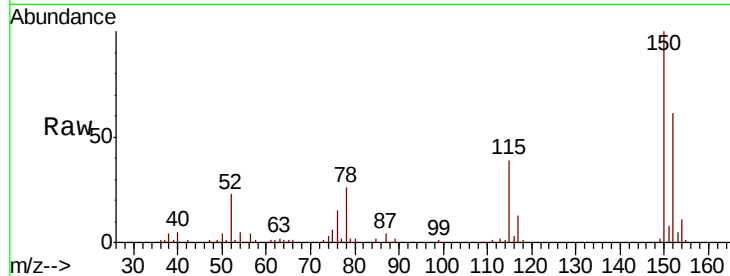


#1

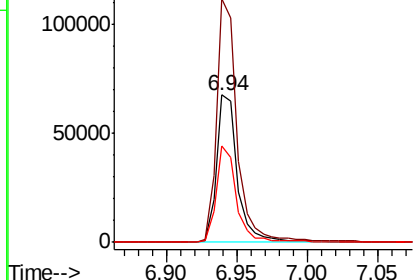
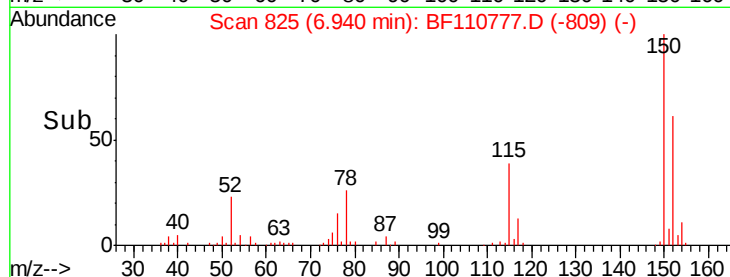
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110777.D
Acq: 14 Nov 2018 21:06

Instrument :
BNA_F
ClientSampleId :
TS-OILY-STONE

Tgt Ion:152 Resp: 70242
Ion Ratio Lower Upper
152 100
150 165.3 122.7 184.1
115 65.2 49.1 73.7



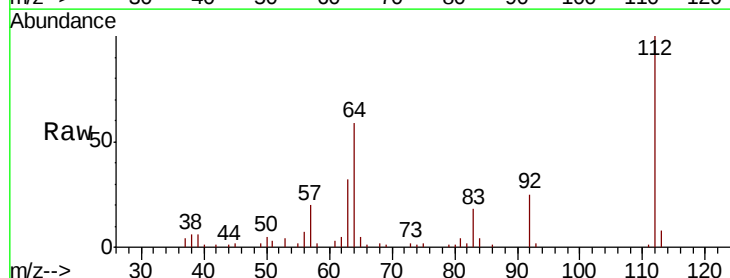
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



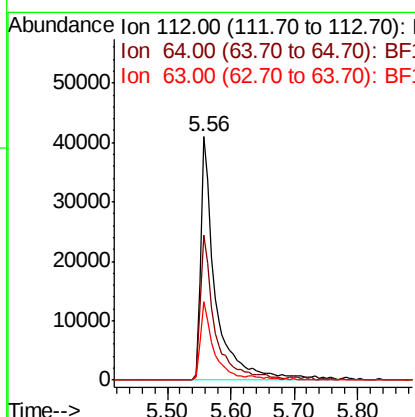
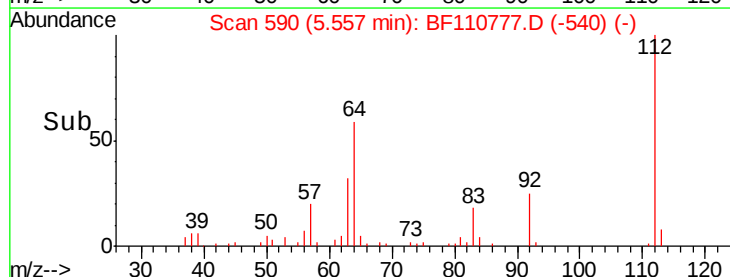
#5

2-Fluorophenol
Concen: 15.365 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110777.D
Acq: 14 Nov 2018 21:06

Tgt Ion:112 Resp: 66443
Ion Ratio Lower Upper
112 100
64 59.5 44.1 66.1
63 32.3 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: 16.798 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110777.D

Acq: 14 Nov 2018 21:06

Instrument :

BNA_F

ClientSampleId :

TS-OILY-STONE

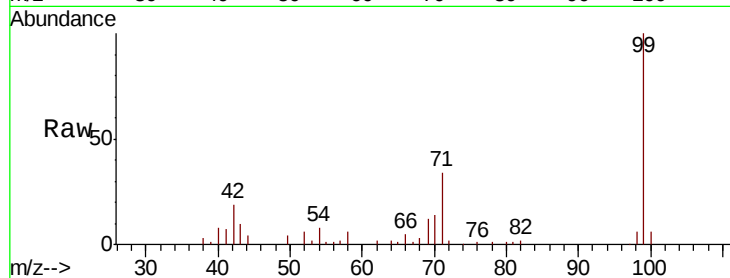
Tgt Ion: 99 Resp: 92893

Ion Ratio Lower Upper

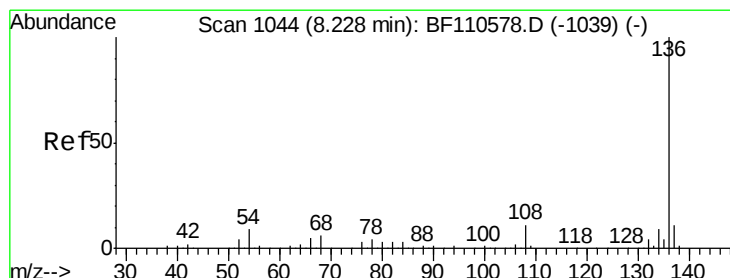
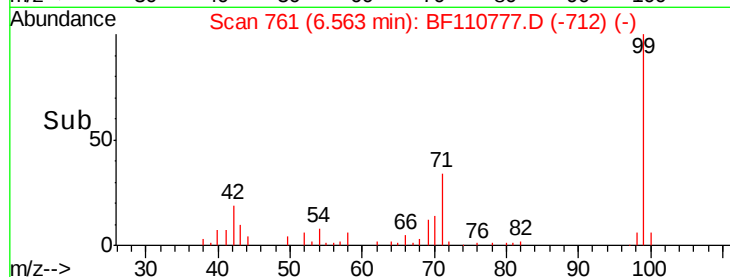
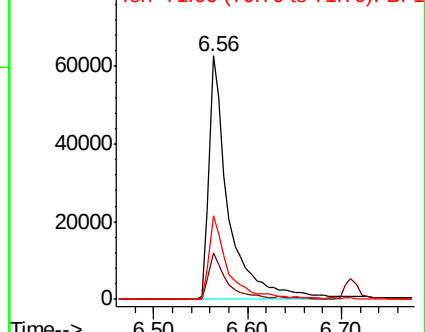
99 100

42 19.0 15.8 23.6

71 34.4 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# 1044

Delta R.T. 0.00 min

Lab File: BF110777.D

Acq: 14 Nov 2018 21:06

Tgt Ion: 136 Resp: 301358

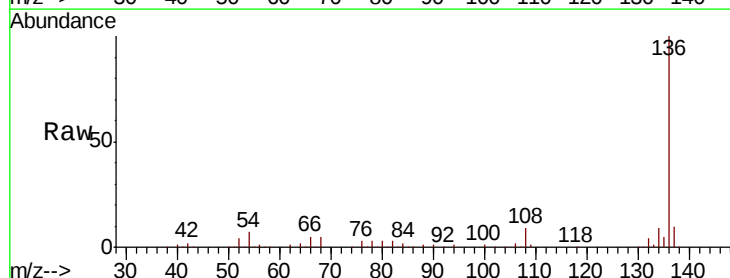
Ion Ratio Lower Upper

136 100

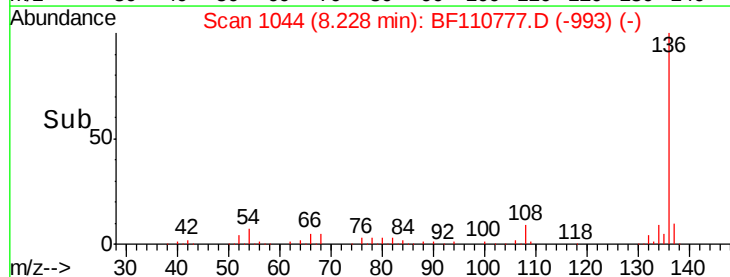
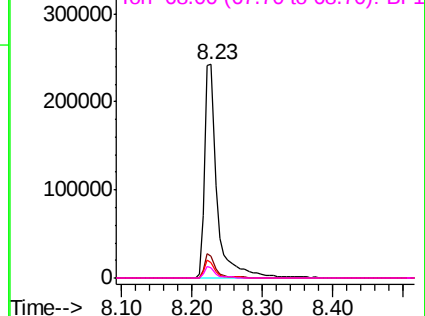
137 10.4 8.8 13.2

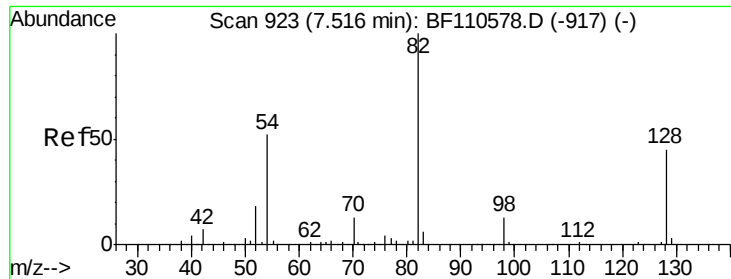
54 7.4 5.4 8.2

68 5.1 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

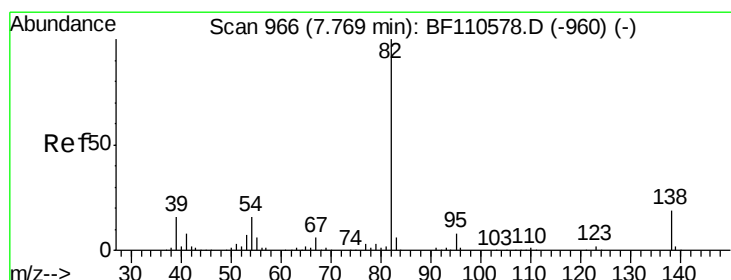
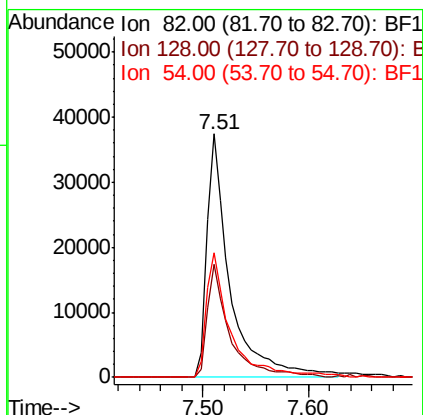
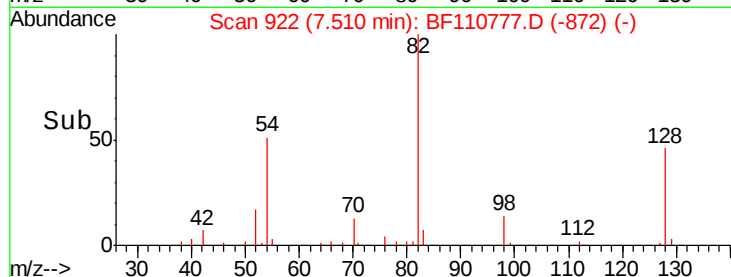
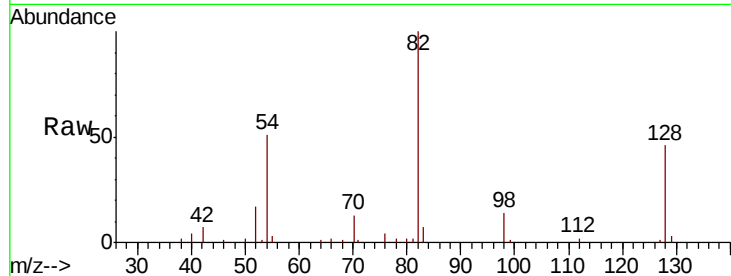




#23
 Nitrobenzene-d5
 Concen: 10.931 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110777.D
 Acq: 14 Nov 2018 21:06

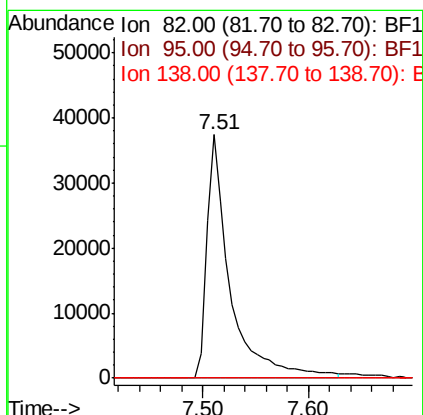
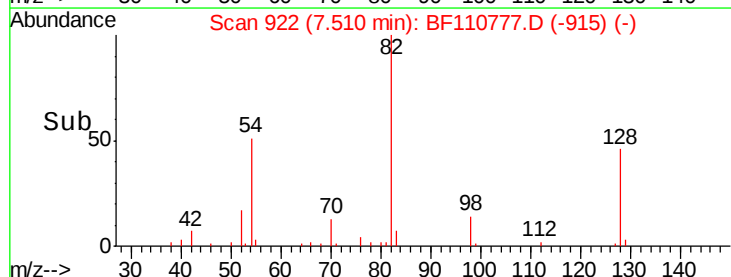
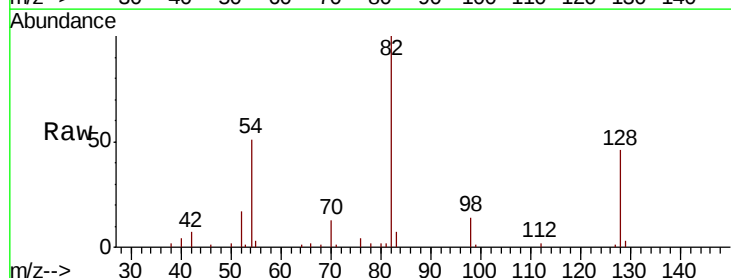
Instrument :
 BNA_F
 ClientSampleId :
 TS-OILY-STONE

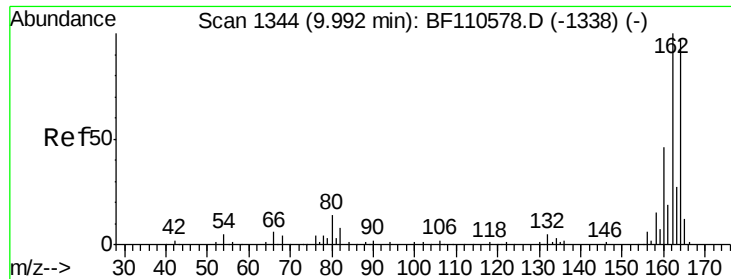
Tgt Ion: 82 Resp: 57201
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.2 51.2
 54 51.3 38.6 58.0



#25
 Isophorone
 Concen: 6.669 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110777.D
 Acq: 14 Nov 2018 21:06

Tgt Ion: 82 Resp: 57201
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#

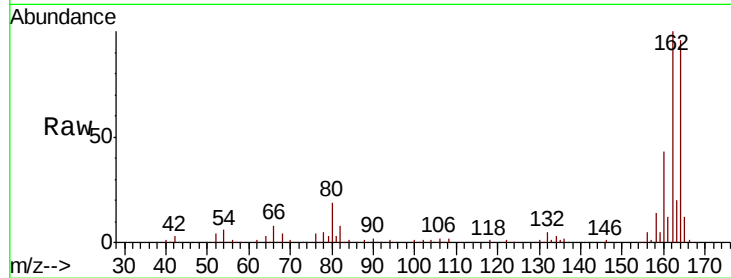




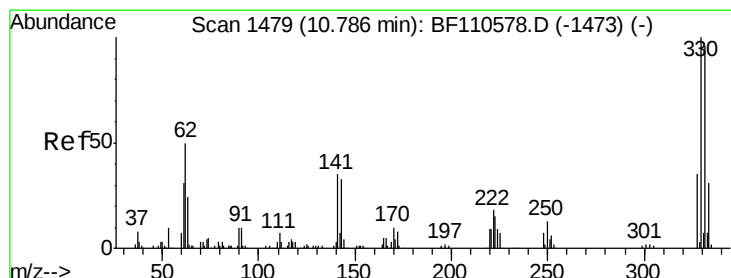
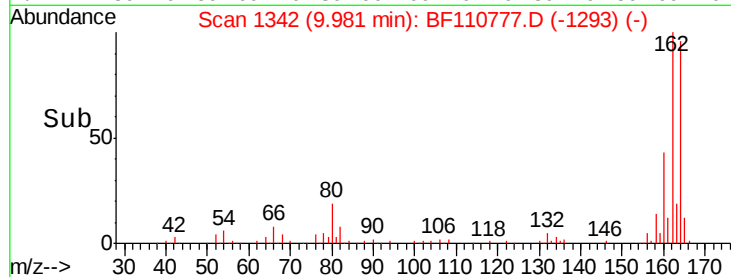
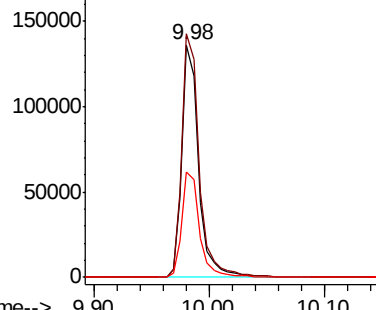
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110777.D
 Acq: 14 Nov 2018 21:06

Instrument :
 BNA_F
 ClientSampleId :
 TS-OILY-STONE

Tgt Ion:164 Resp: 138239
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.0 124.6
 160 45.4 37.0 55.6

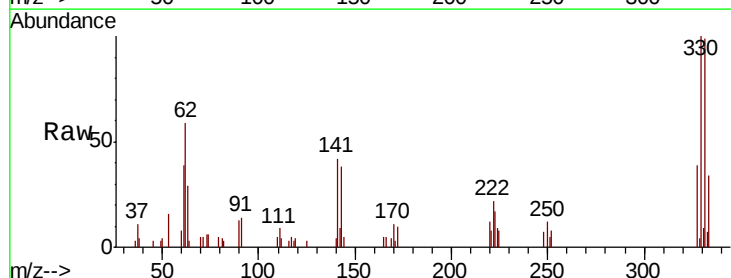


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

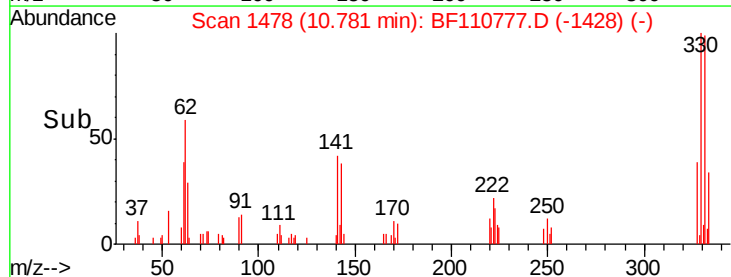
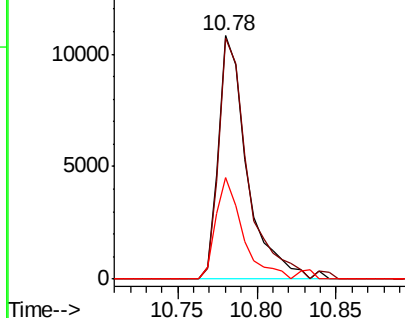


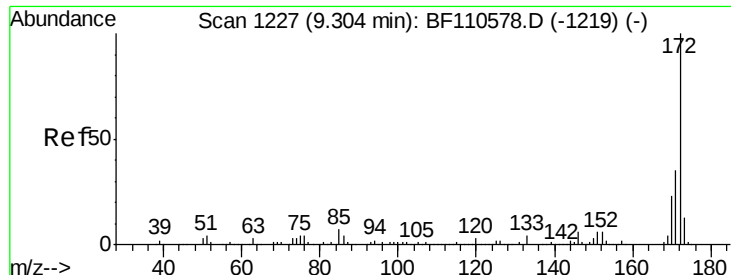
#42
 2,4,6-Tribromophenol
 Concen: 9.751 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110777.D
 Acq: 14 Nov 2018 21:06

Tgt Ion:330 Resp: 13582
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.1 115.7
 141 39.2 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

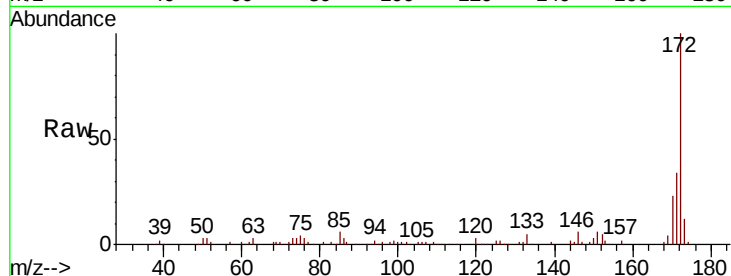




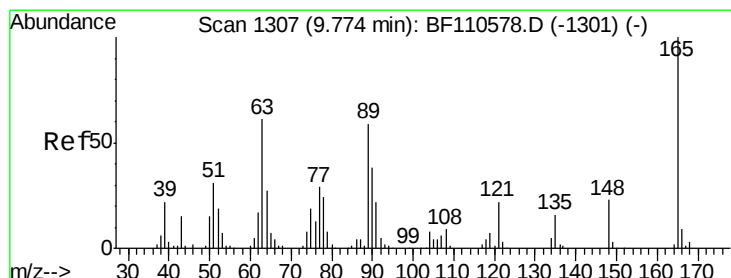
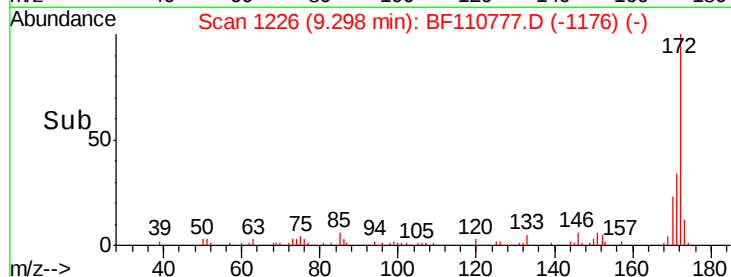
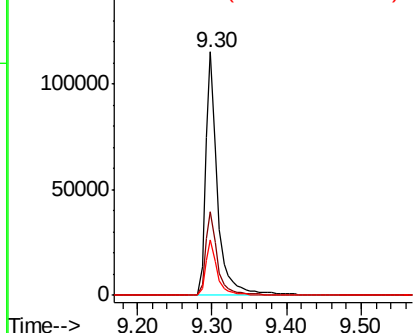
#45
 2-Fluorobiphenyl
 Concen: 13.142 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110777.D
 Acq: 14 Nov 2018 21:06

Instrument :
 BNA_F
 ClientSampleId :
 TS-OILY-STONE

Tgt Ion:172 Resp: 127208
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 43.0
 170 22.8 19.7 29.5

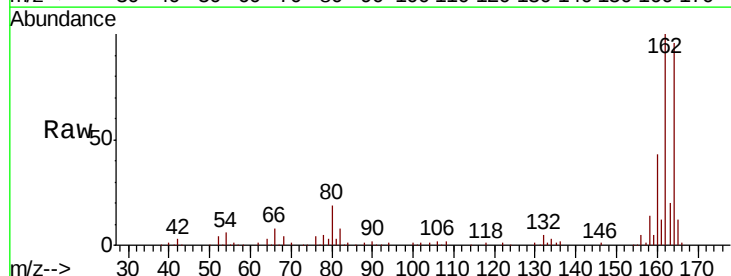


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

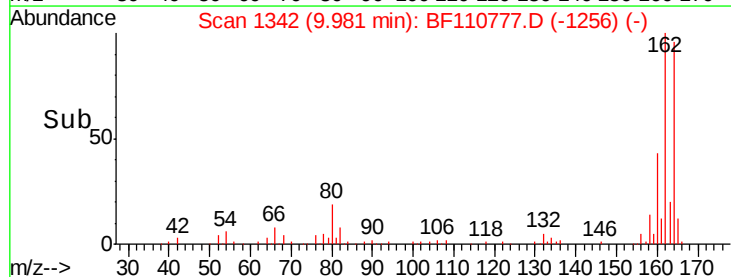
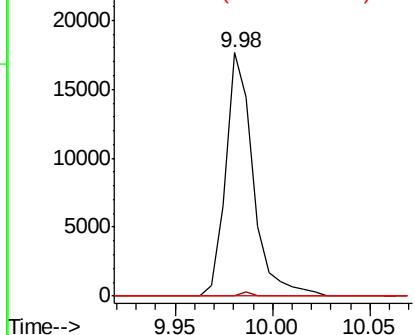


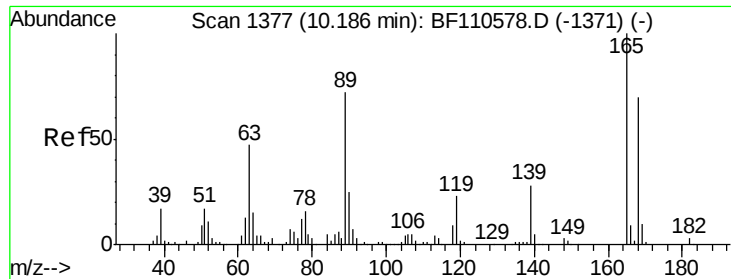
#51
 2,6-Dinitrotoluene
 Concen: 7.561 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110777.D
 Acq: 14 Nov 2018 21:06

Tgt Ion:165 Resp: 17156
 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

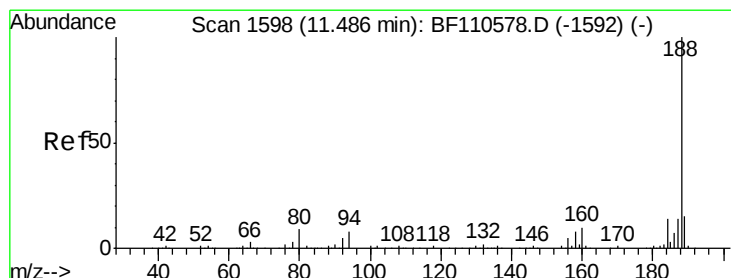
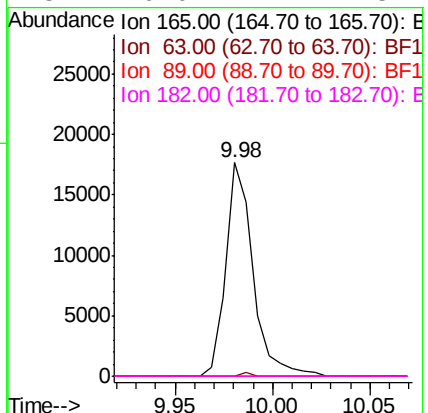
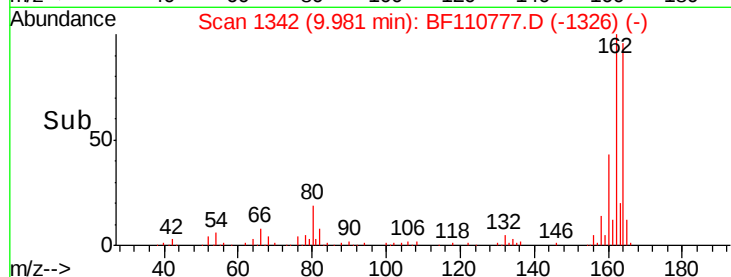
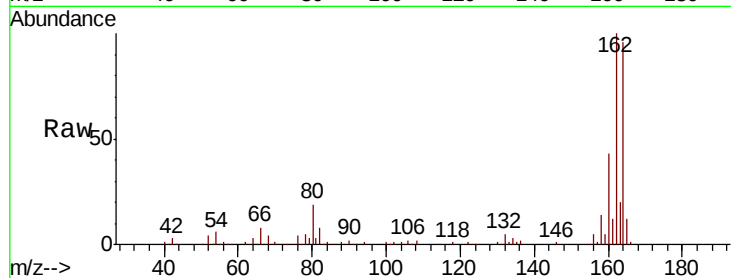




#57
 2,4-Dinitrotoluene
 Concen: 5.815 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110777.D
 Acq: 14 Nov 2018 21:06

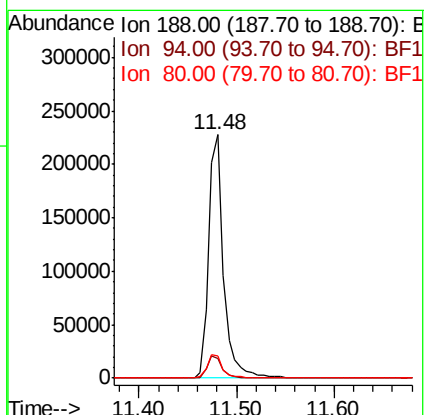
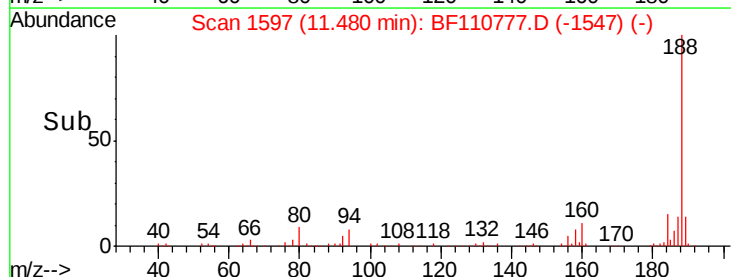
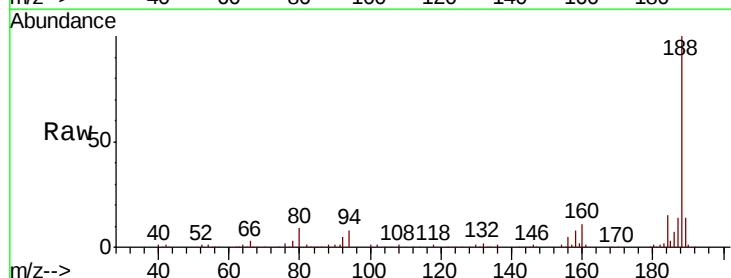
Instrument :
 BNA_F
 ClientSampleId :
 TS-OILY-STONE

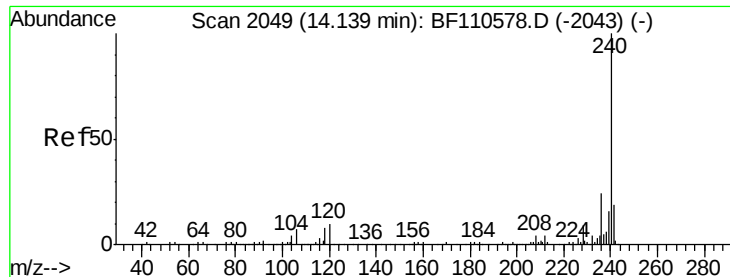
Tgt Ion:	165	Resp:	17156
Ion Ratio	Lower	Upper	
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110777.D
 Acq: 14 Nov 2018 21:06

Tgt Ion:	188	Resp:	241073
Ion Ratio	Lower	Upper	
188	100		
94	8.1	7.2	10.8
80	8.9	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: BF110777.D

Acq: 14 Nov 2018 21:06

Instrument :

BNA_F

ClientSampleId :

TS-OILY-STONE

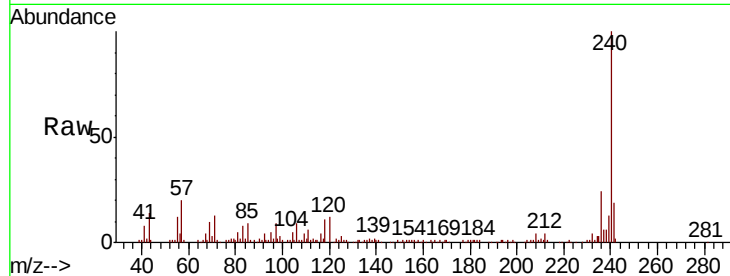
Tgt Ion:240 Resp: 153235

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

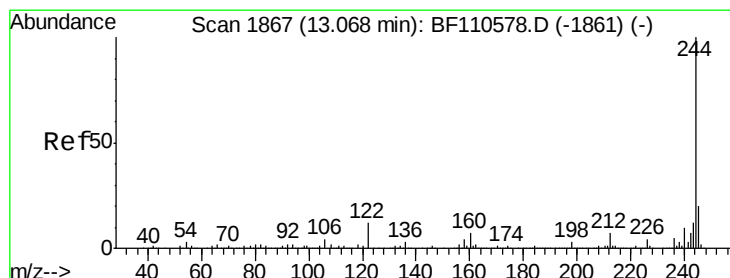
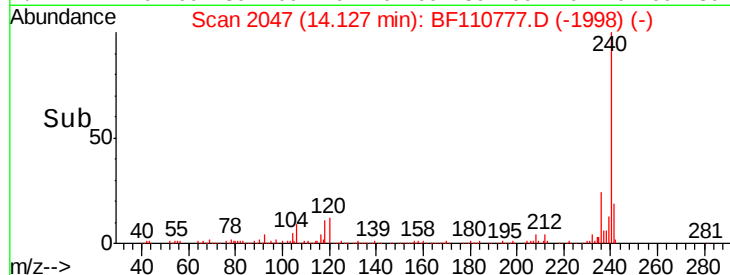
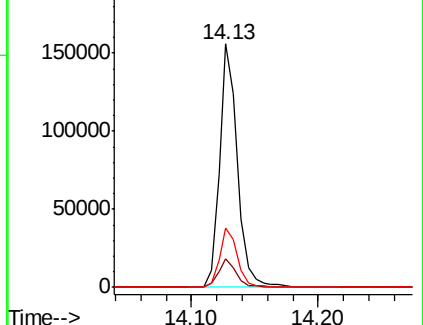
236 24.3 21.2 31.8



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: 11.788 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110777.D

Acq: 14 Nov 2018 21:06

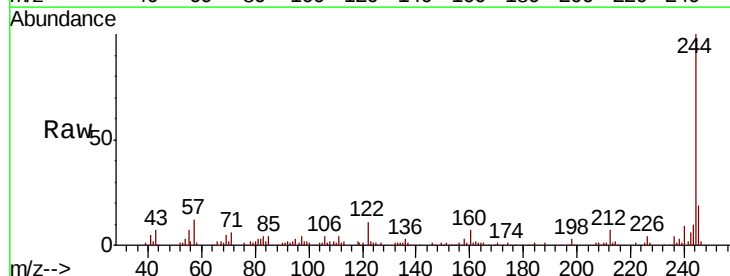
Tgt Ion:244 Resp: 96451

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

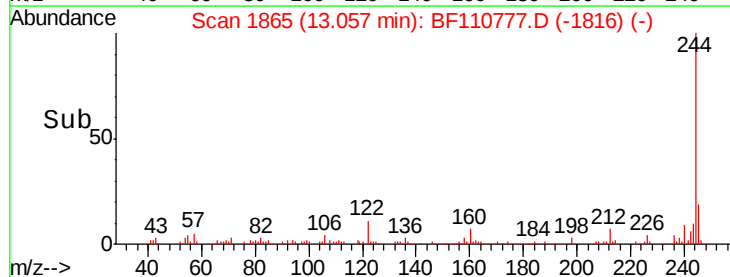
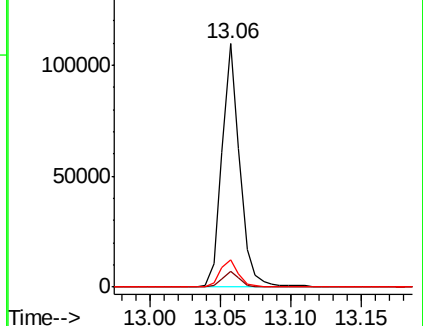
122 11.2 8.7 13.1

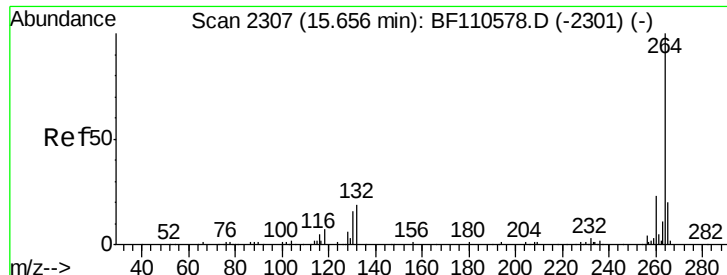


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



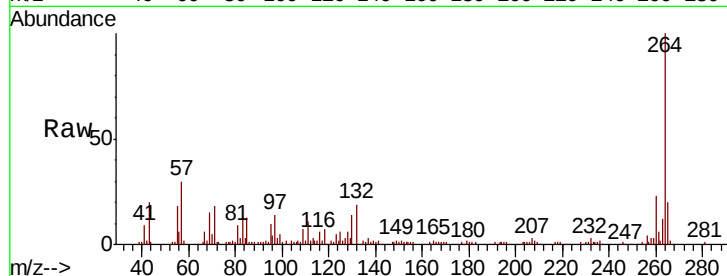


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110777.D
Acq: 14 Nov 2018 21:06

Instrument :
BNA_F
ClientSampleId :
TS-OILY-STONE

Tgt Ion: 264 Resp: 143466

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	20.2	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

