

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
 Data File : BF110739.D
 Acq On : 14 Nov 2018 00:28
 Operator : JU/SJ
 Sample : J5923-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-OILY-STONE

Quant Time: Nov 14 04:32:03 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

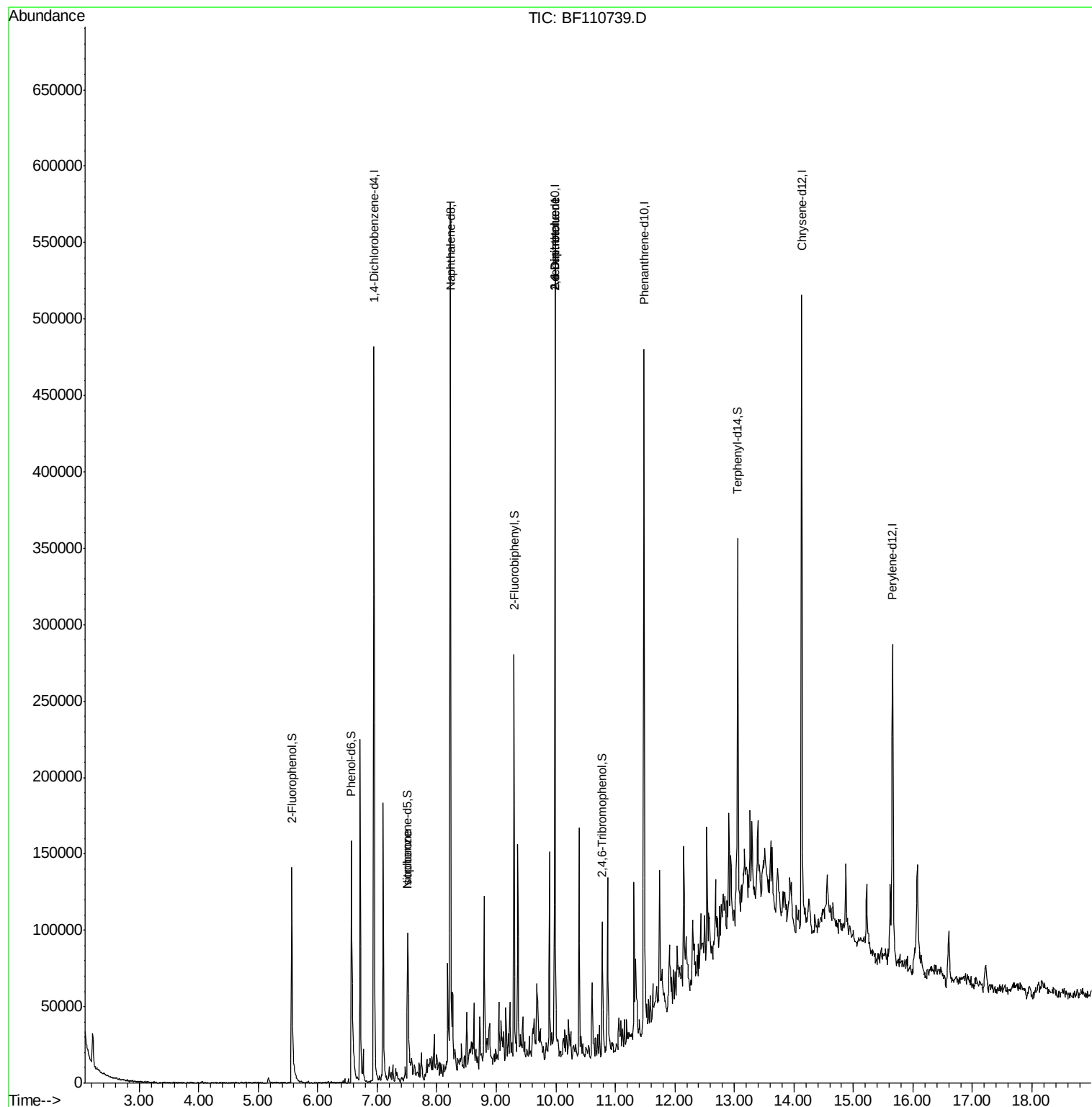
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72610	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	277149	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	105554	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	172166	20.00	ng	0.00
76) Chrysene-d12	14.13	240	149042	20.00	ng	0.00
87) Perylene-d12	15.66	264	98782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	59275	13.26	ng	0.00
7) Phenol-d6	6.57	99	79462	13.90	ng	0.00
23) Nitrobenzene-d5	7.51	82	42946	8.92	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	12491	11.74	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	87175	11.80	ng	0.00
79) Terphenyl-d14	13.06	244	72027	9.05	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.71	77	1384	Below Cal		Qvalue 84
25) Isophorone	7.51	82	42946	5.445 ng	#	67
51) 2,6-Dinitrotoluene	9.99	165	14421	8.323 ng	#	22
57) 2,4-Dinitrotoluene	9.99	165	14421	6.401 ng	#	18

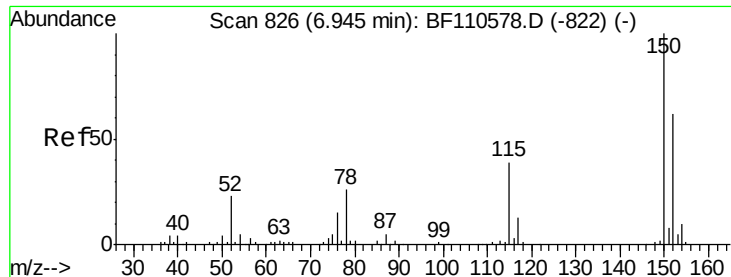
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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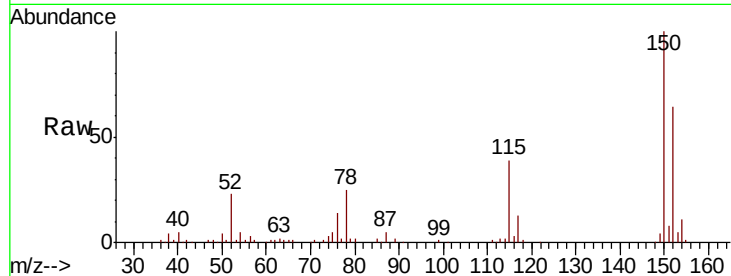


#1

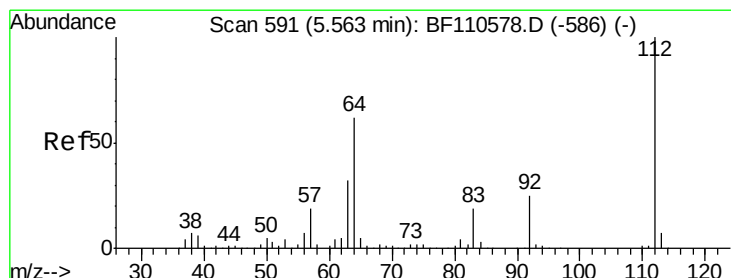
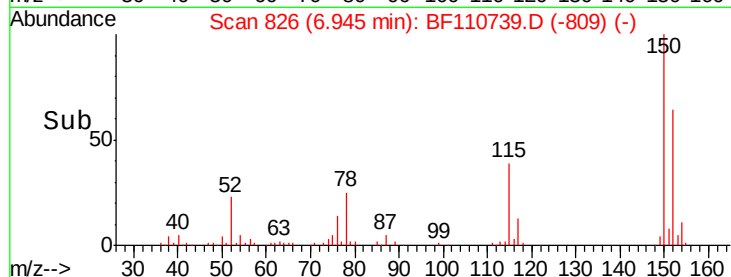
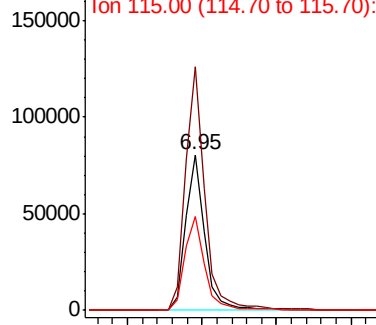
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110739.D
Acq: 14 Nov 2018 00:28

Instrument :
BNA_F
ClientSampleId :
MS-OILY-STONE

Tgt Ion:152 Resp: 72610
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 60.5 49.1 73.7



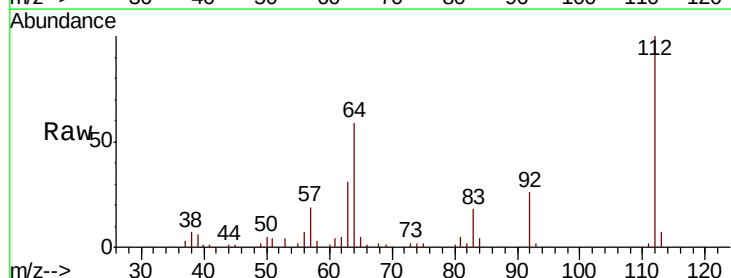
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



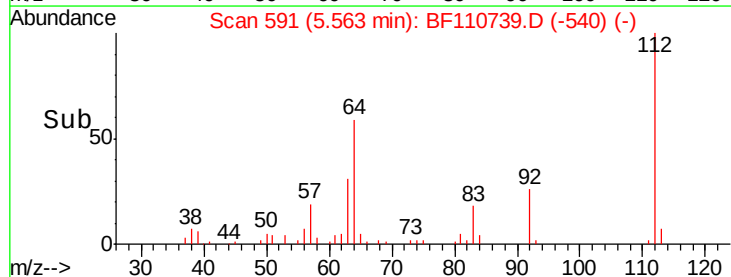
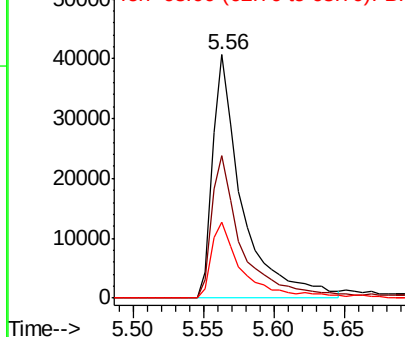
#5

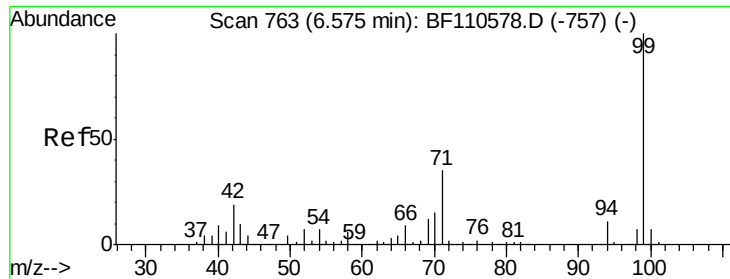
2-Fluorophenol
Concen: 13.260 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110739.D
Acq: 14 Nov 2018 00:28

Tgt Ion:112 Resp: 59275
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 31.4 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: 13.901 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110739.D

Acq: 14 Nov 2018 00:28

Instrument :

BNA_F

ClientSampleId :

MS-OILY-STONE

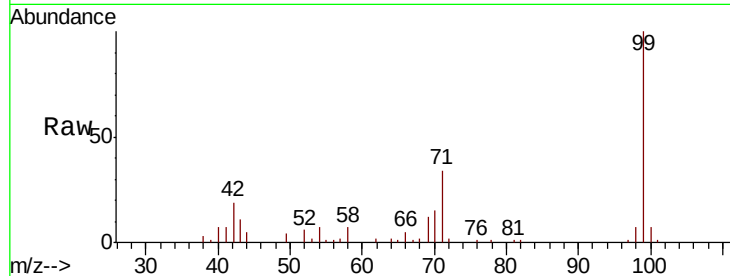
Tgt Ion: 99 Resp: 79462

Ion Ratio Lower Upper

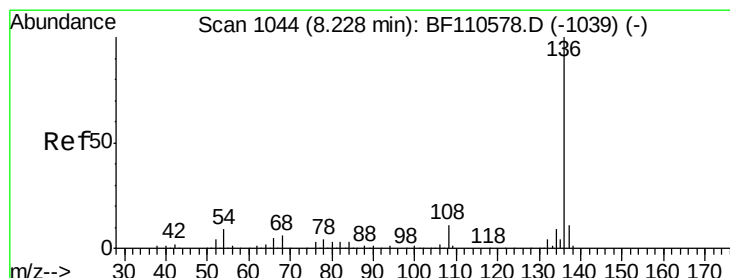
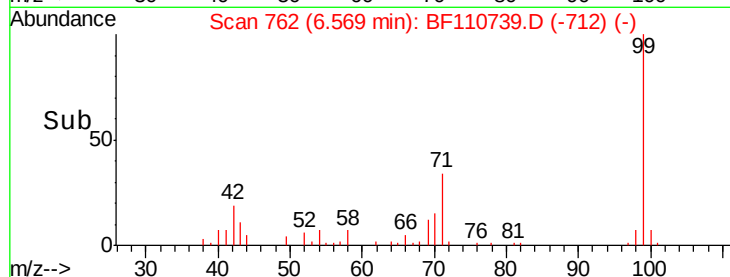
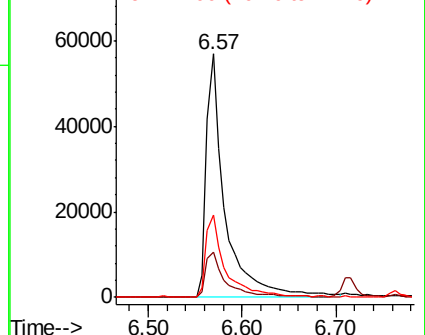
99 100

42 18.8 15.8 23.6

71 33.7 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: BF110739.D

Acq: 14 Nov 2018 00:28

Tgt Ion: 136 Resp: 277149

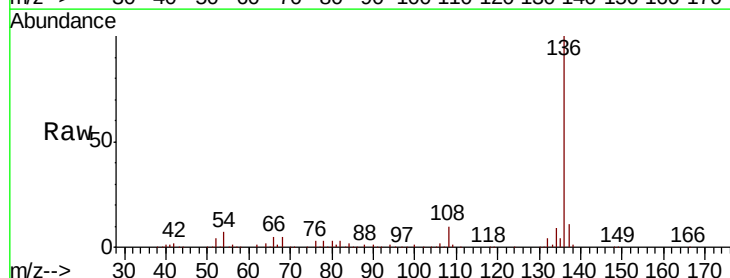
Ion Ratio Lower Upper

136 100

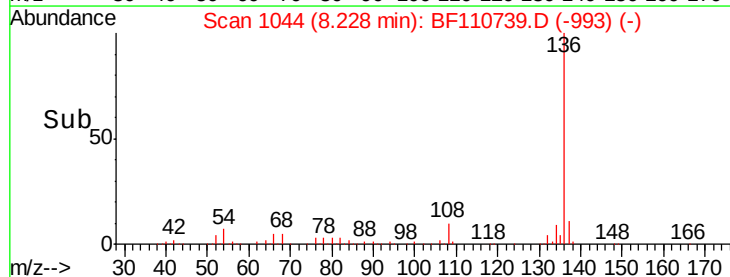
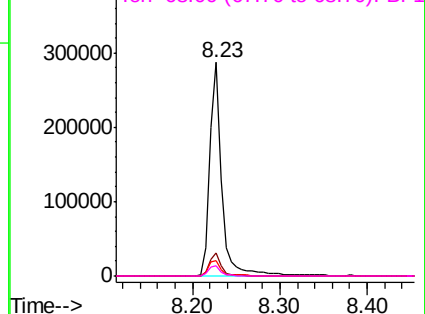
137 10.7 8.8 13.2

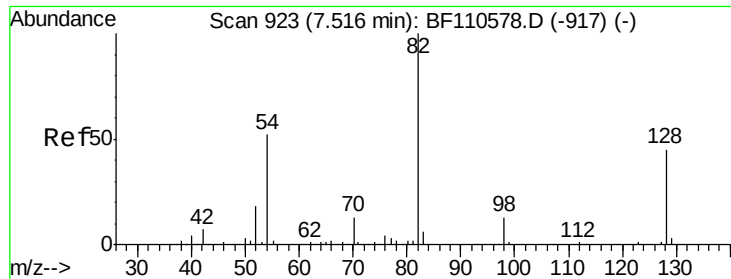
54 7.5 5.4 8.2

68 4.8 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

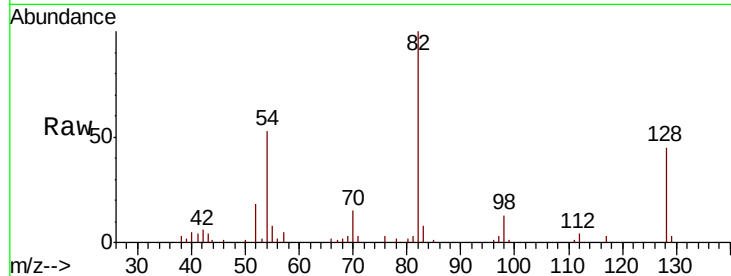




#23
 Nitrobenzene-d5
 Concen: 8.924 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110739.D
 Acq: 14 Nov 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 MS-OILY-STONE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.2	51.2
54	53.0	38.6	58.0

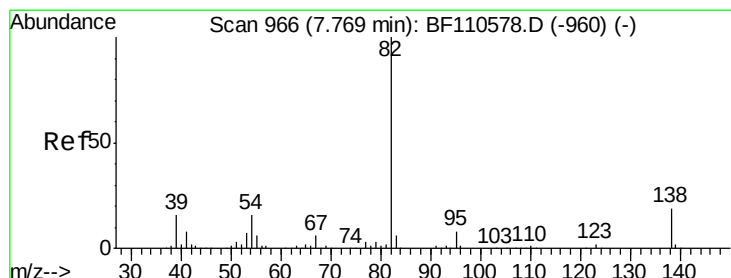
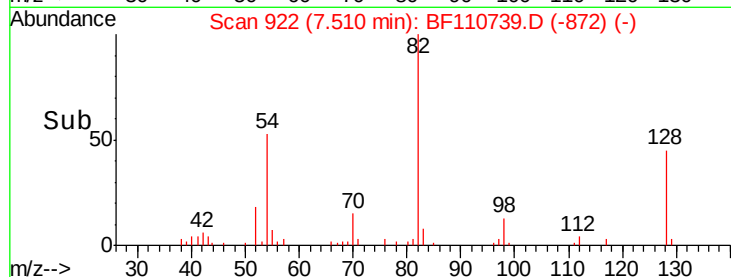
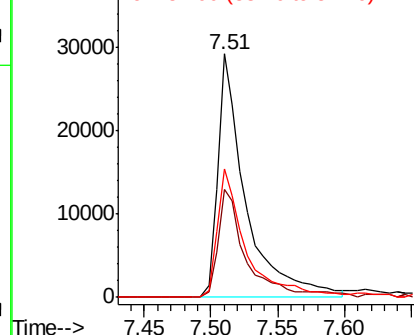


Abundance

Ion 82.00 (81.70 to 82.70): BF1

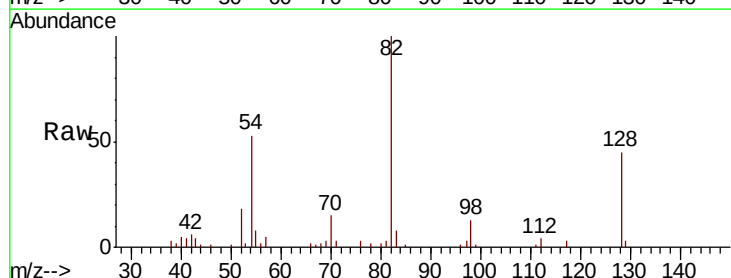
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25
 Isophorone
 Concen: 5.445 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110739.D
 Acq: 14 Nov 2018 00:28

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

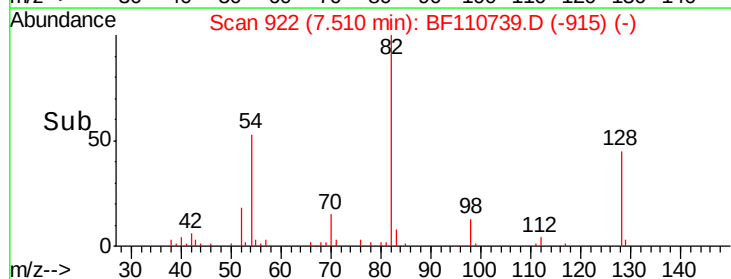
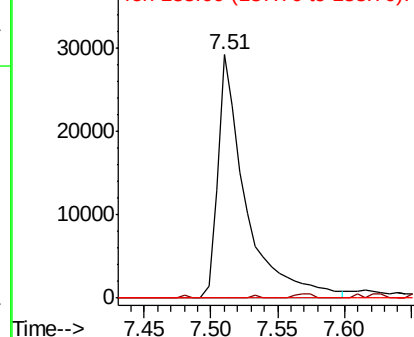


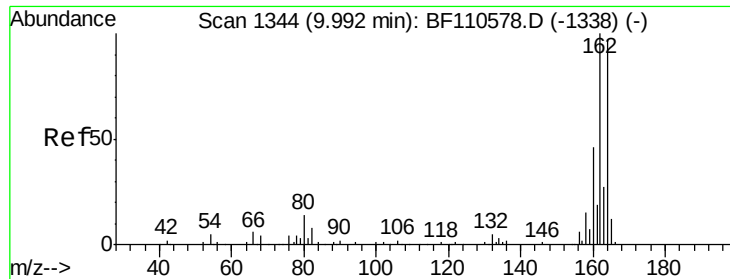
Abundance

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

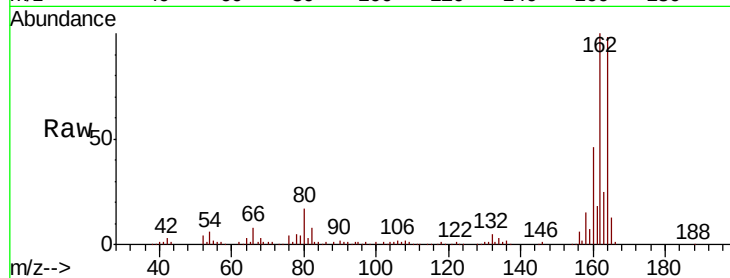




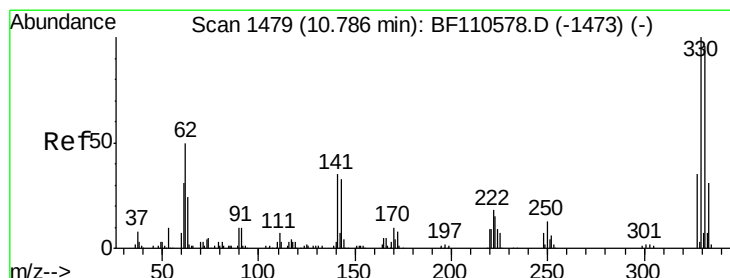
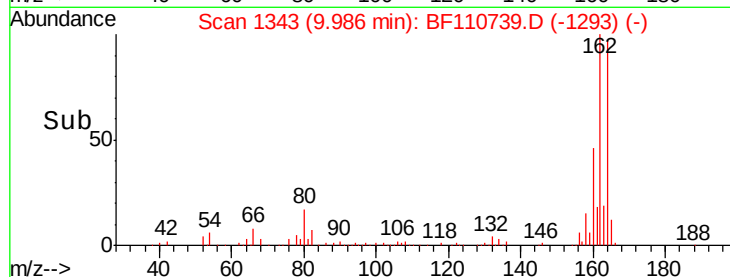
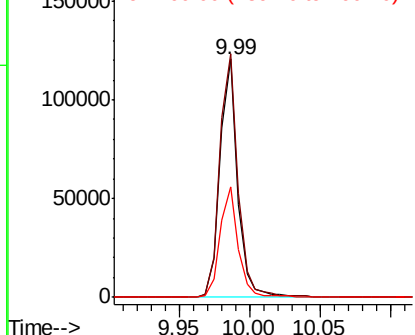
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110739.D
 Acq: 14 Nov 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 MS-OILY-STONE

Tgt Ion:164 Resp: 105554
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.0 124.6
 160 46.6 37.0 55.6

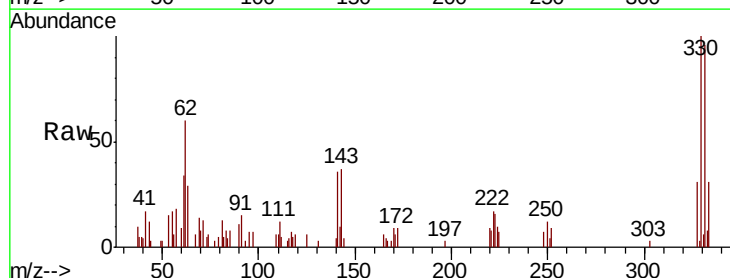


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

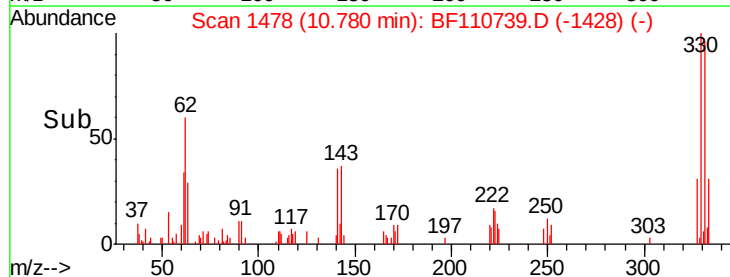
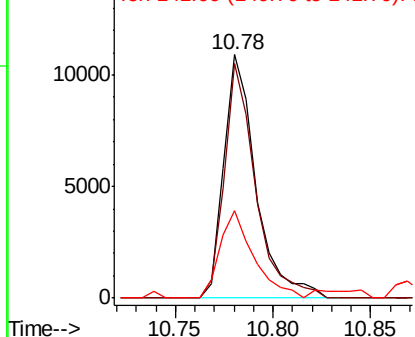


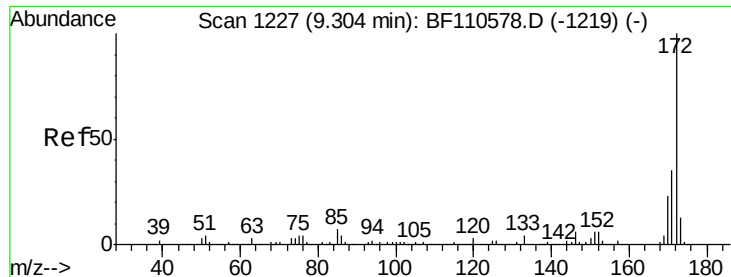
#42
 2,4,6-Tribromophenol
 Concen: 11.744 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110739.D
 Acq: 14 Nov 2018 00:28

Tgt Ion:330 Resp: 12491
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.1 115.7
 141 37.5 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

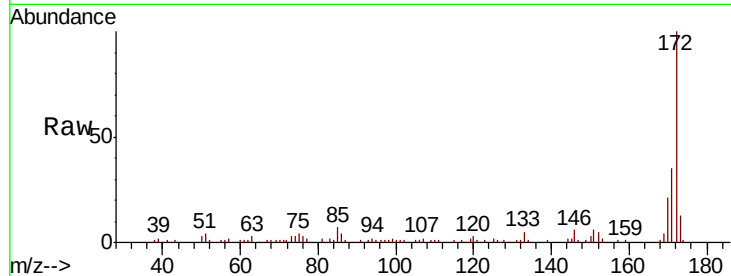




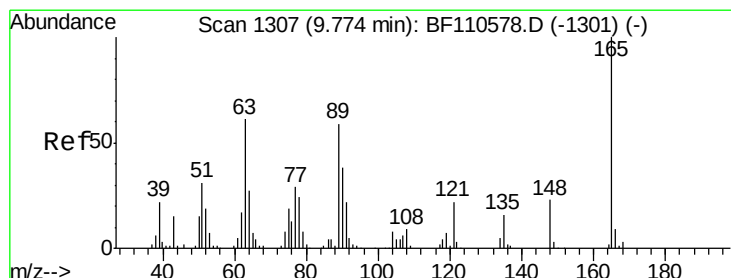
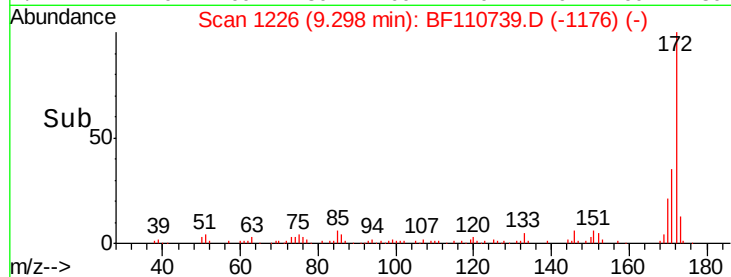
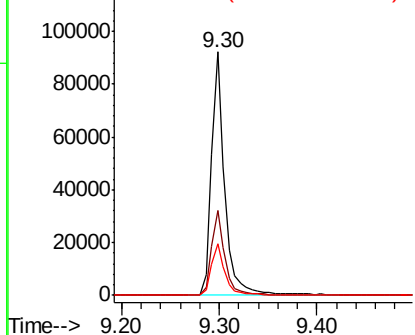
#45
 2-Fluorobiphenyl
 Concen: 11.795 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110739.D
 Acq: 14 Nov 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 MS-OILY-STONE

Tgt Ion:172 Resp: 87175
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 21.2 19.7 29.5

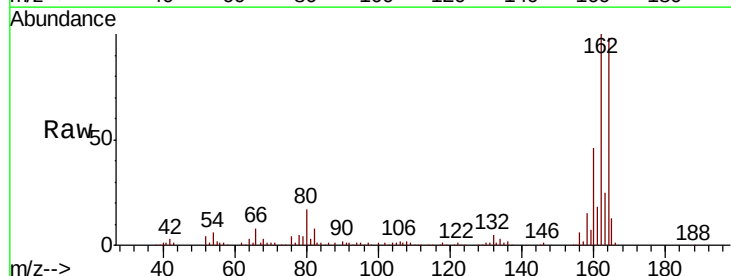


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

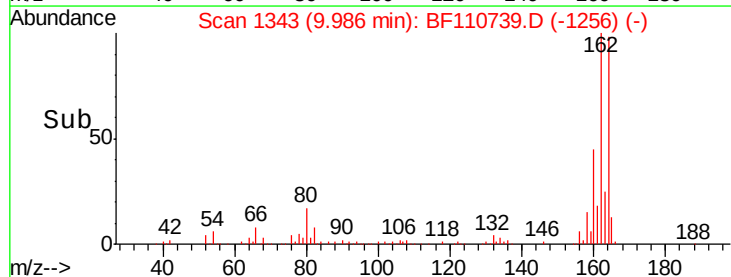
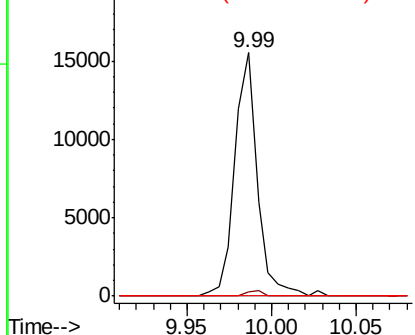


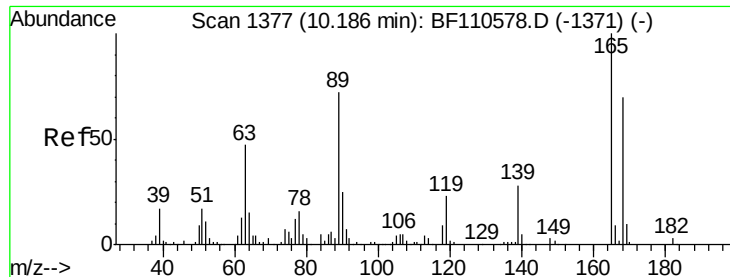
#51
 2,6-Dinitrotoluene
 Concen: 8.323 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110739.D
 Acq: 14 Nov 2018 00:28

Tgt Ion:165 Resp: 14421
 Ion Ratio Lower Upper
 165 100
 63 2.0 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

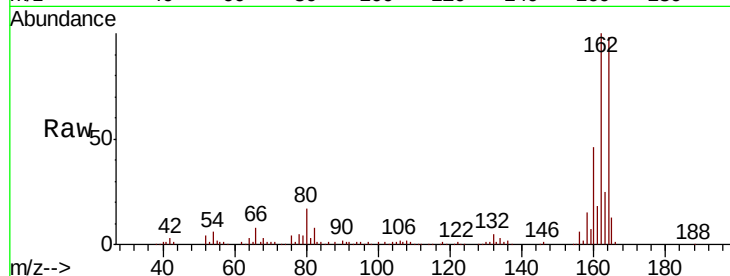




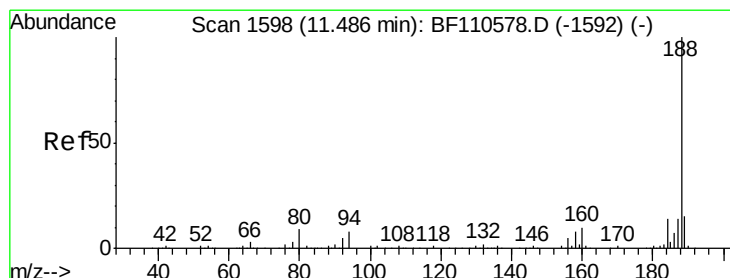
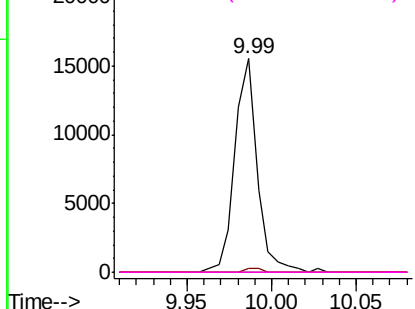
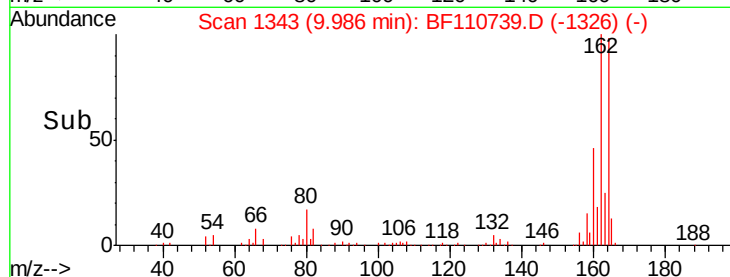
#57
2,4-Dinitrotoluene
Concen: 6.401 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110739.D
Acq: 14 Nov 2018 00:28

Instrument :
BNA_F
ClientSampleId :
MS-OILY-STONE

Tgt Ion:165 Resp: 14421
Ion Ratio Lower Upper
165 100
63 2.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#

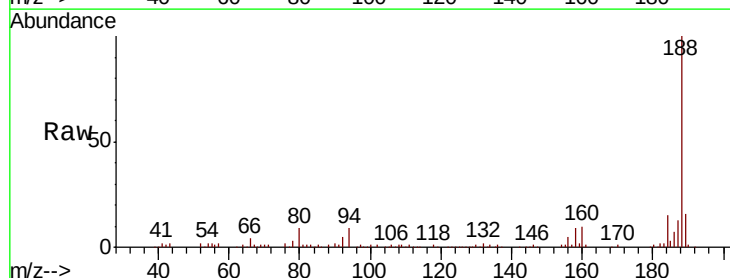


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

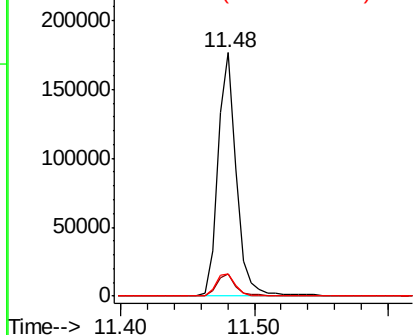
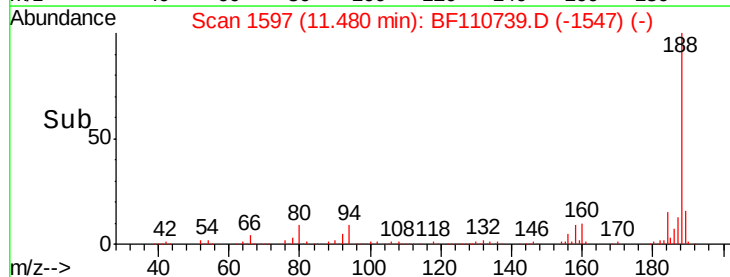


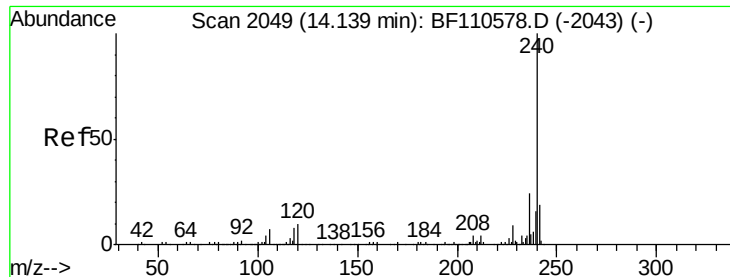
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110739.D
Acq: 14 Nov 2018 00:28

Tgt Ion:188 Resp: 172166
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.3 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

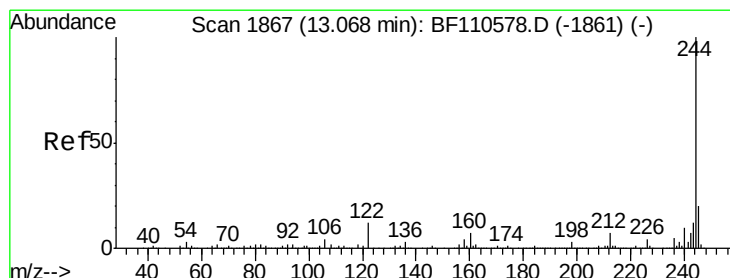
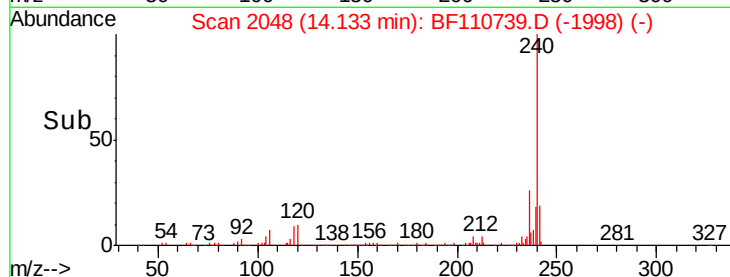
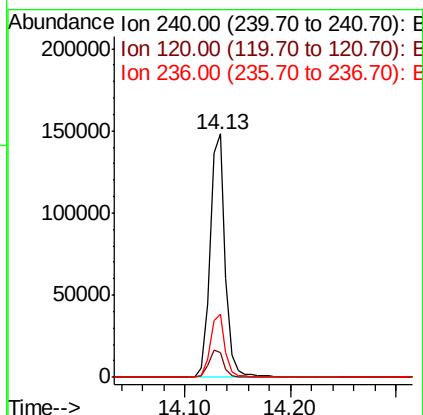
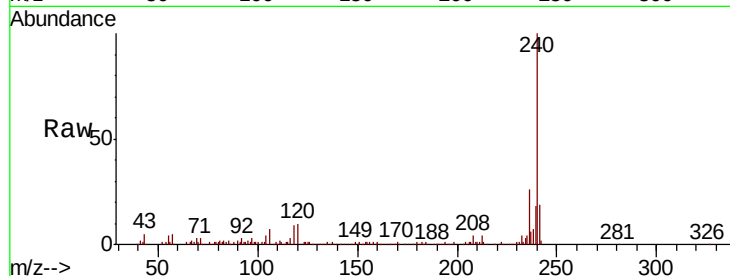




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110739.D
Acq: 14 Nov 2018 00:28

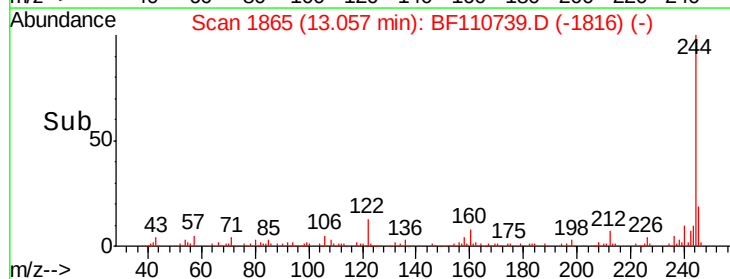
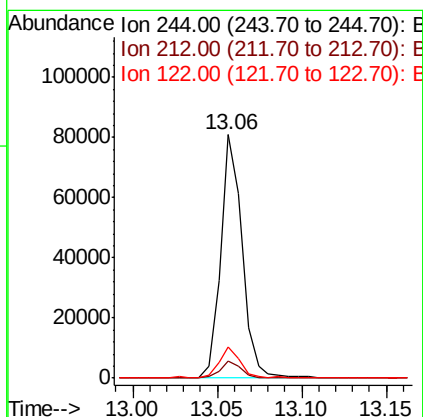
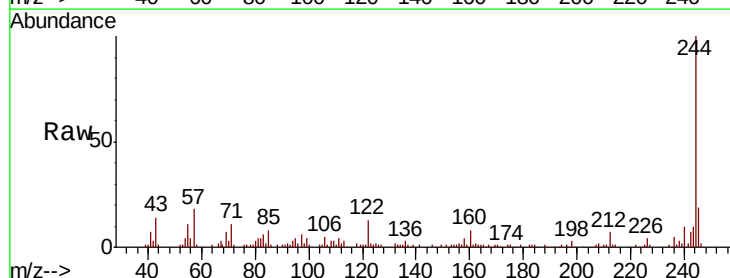
Instrument :
BNA_F
ClientSampleId :
MS-OILY-STONE

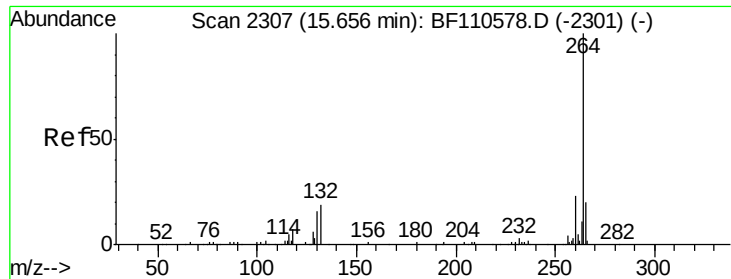
Tgt Ion:240 Resp: 149042
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.1 21.2 31.8



#79
Terphenyl-d14
Concen: 9.050 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110739.D
Acq: 14 Nov 2018 00:28

Tgt Ion:244 Resp: 72027
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.6 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: BF110739.D
Acq: 14 Nov 2018 00:28

Instrument :
BNA_F
ClientSampleId :
MS-OILY-STONE

Tgt Ion: 264 Resp: 98782
Ion Ratio Lower Upper
264 100
260 22.5 18.7 28.1
265 23.0 16.7 25.1

