

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
 Data File : BF110738.D
 Acq On : 14 Nov 2018 00:01
 Operator : JU/SJ
 Sample : J5908-15 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-5-S

Quant Time: Nov 14 04:31:54 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

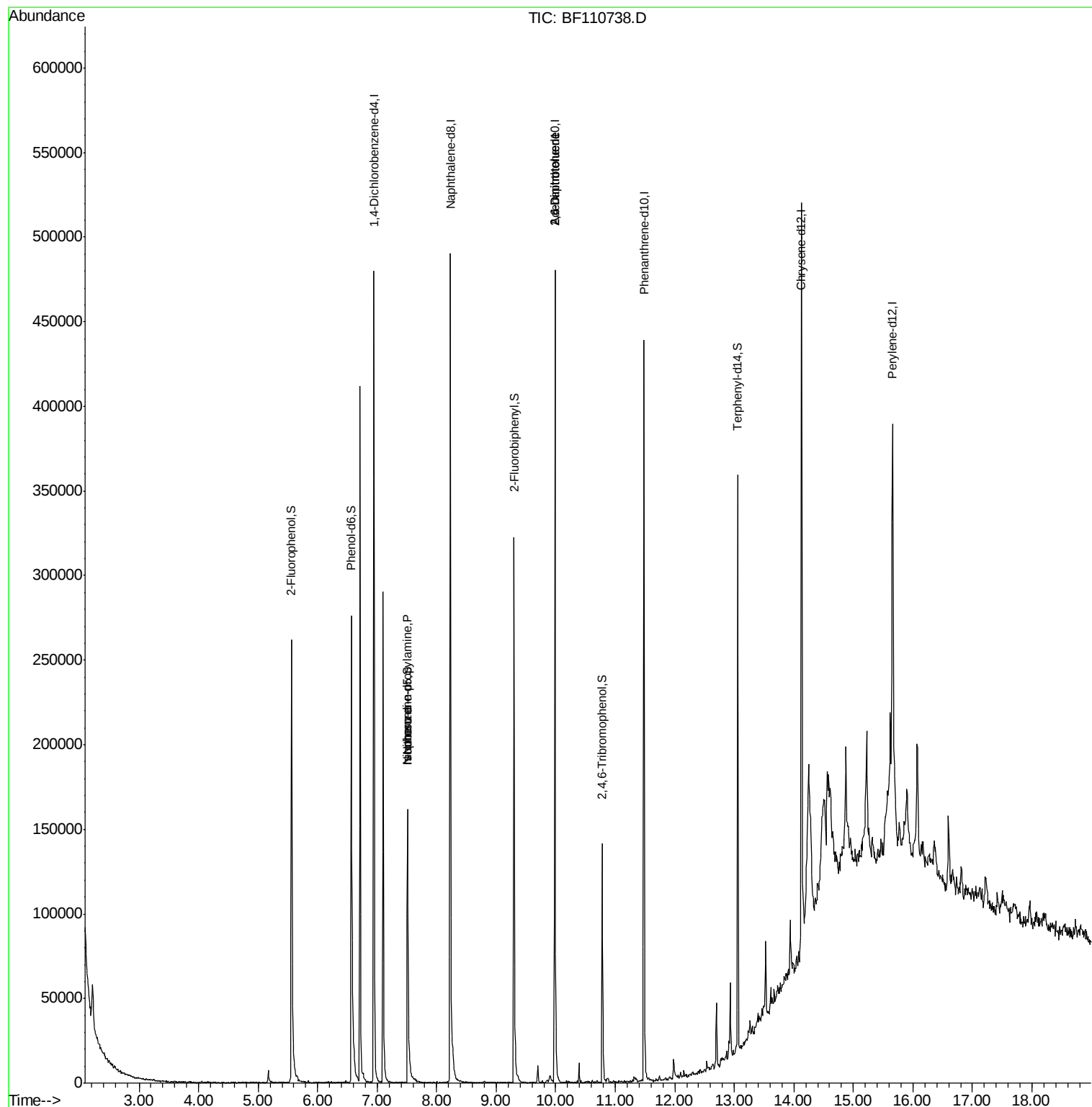
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73348	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	276349	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	104528	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	180387	20.00	ng	0.00
76) Chrysene-d12	14.13	240	151970	20.00	ng	-0.01
87) Perylene-d12	15.66	264	99950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	104051	23.04	ng	0.00
7) Phenol-d6	6.56	99	127174	22.02	ng	-0.01
23) Nitrobenzene-d5	7.51	82	72984	15.21	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	20051	19.04	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	121627	16.62	ng	0.00
79) Terphenyl-d14	13.06	244	105336	12.98	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.71	77	2581	Below Cal	Qvalue	# 66
19) n-Nitroso-di-n-propylamine	7.51	70	9339	2.534 ng	#	79
25) Isophorone	7.51	82	72984	9.280 ng	#	67
51) 2,6-Dinitrotoluene	9.99	165	13416	7.819 ng	#	21
57) 2,4-Dinitrotoluene	9.99	165	13416	6.014 ng	#	17

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

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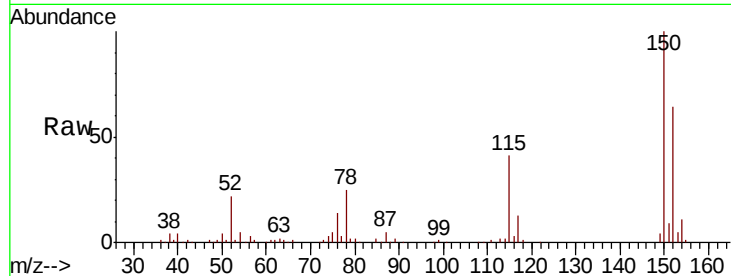


#1

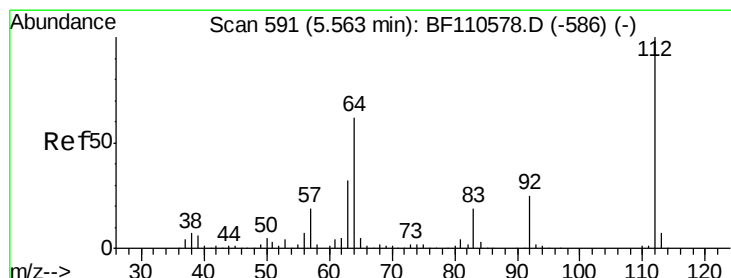
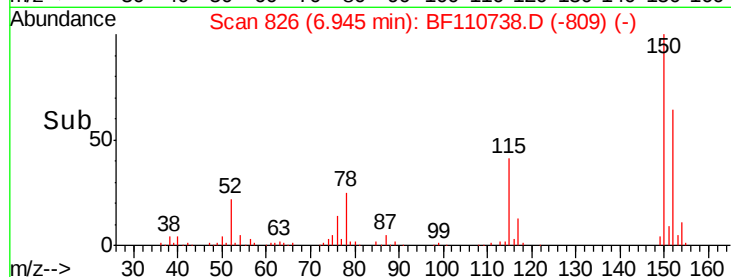
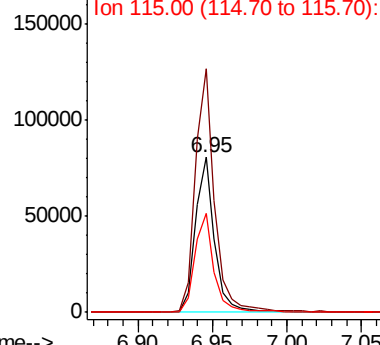
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110738.D
Acq: 14 Nov 2018 00:01

Instrument :
BNA_F
ClientSampleId :
SR-5-S

Tgt Ion:152 Resp: 73348
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 63.6 49.1 73.7



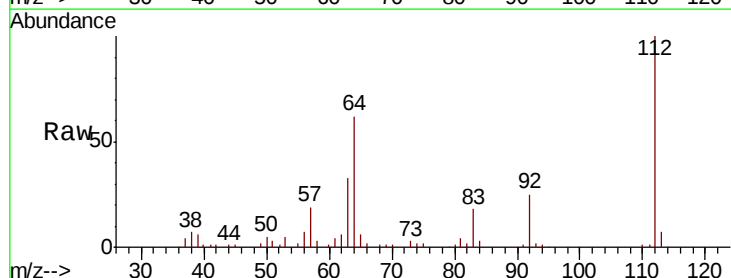
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



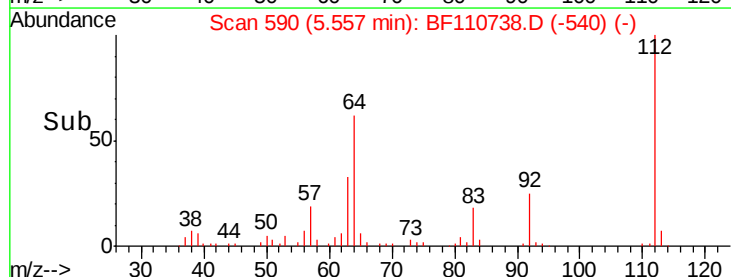
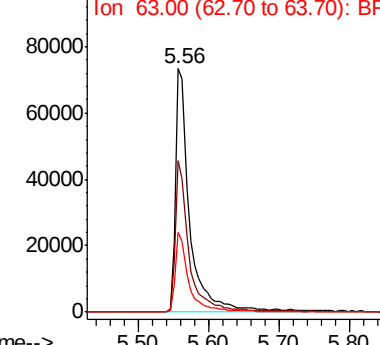
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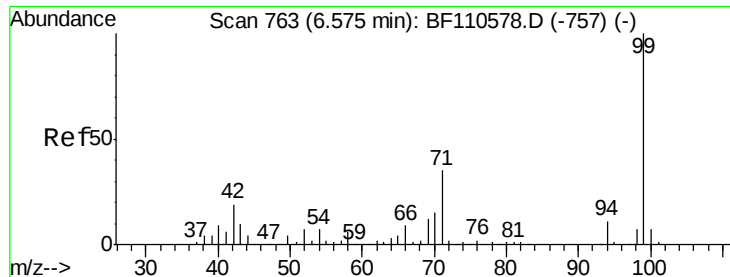
2-Fluorophenol
Concen: 23.042 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110738.D
Acq: 14 Nov 2018 00:01

Tgt Ion:112 Resp: 104051
Ion Ratio Lower Upper
112 100
64 62.2 44.1 66.1
63 32.9 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: 22.024 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110738.D

Acq: 14 Nov 2018 00:01

Instrument :

BNA_F

ClientSampleId :

SR-5-S

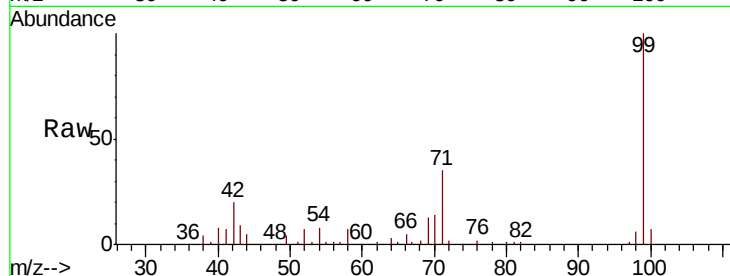
Tgt Ion: 99 Resp: 127174

Ion Ratio Lower Upper

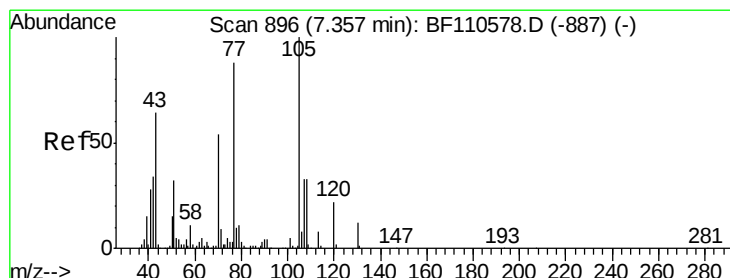
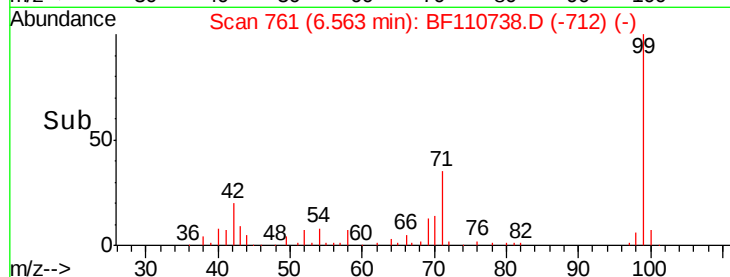
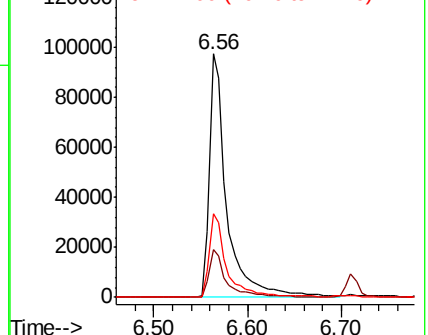
99 100

42 19.6 15.8 23.6

71 34.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.534 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110738.D

Acq: 14 Nov 2018 00:01

Tgt Ion: 70 Resp: 9339

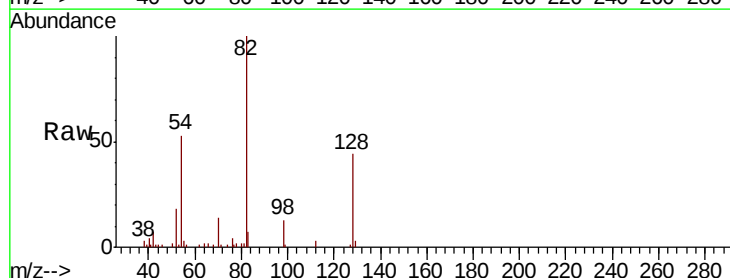
Ion Ratio Lower Upper

70 100

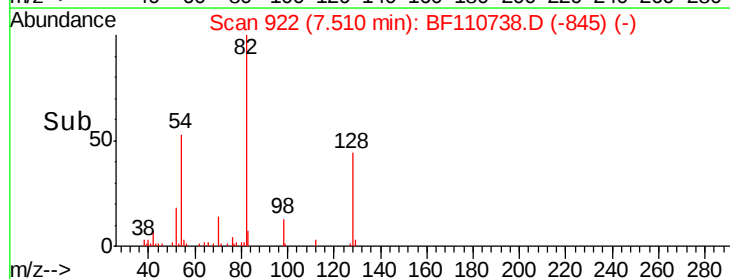
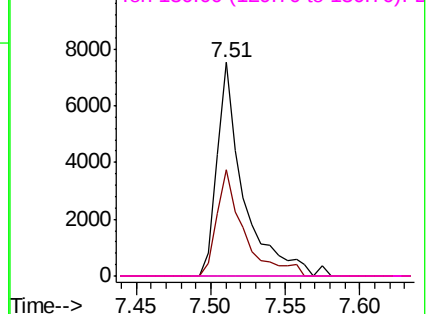
42 49.8 47.4 71.2

101 0.0 7.3 10.9#

130 0.0 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

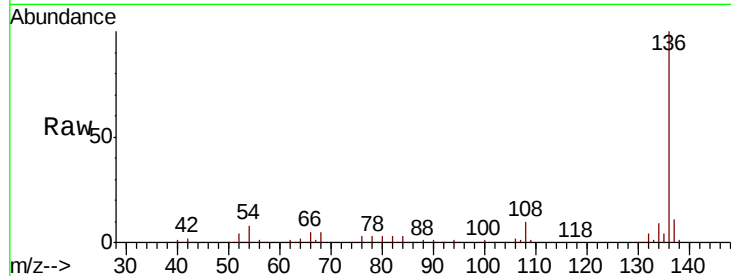




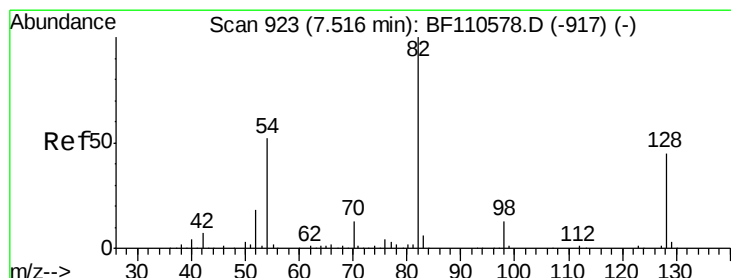
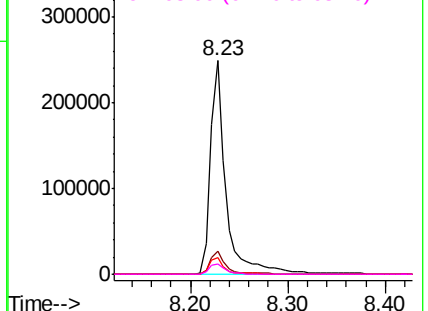
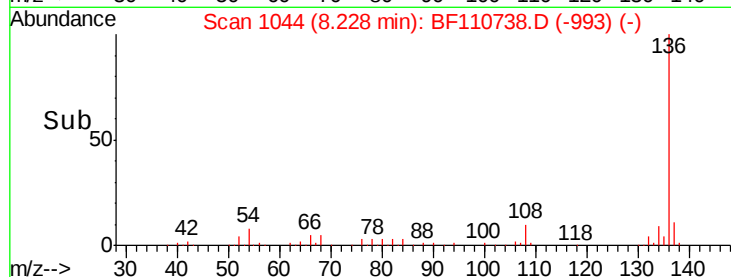
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110738.D
Acq: 14 Nov 2018 00:01

Instrument :
BNA_F
ClientSampleId :
SR-5-S

Tgt Ion:	136	Resp:	276349
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	5.4	8.2
68	4.9	4.2	6.2

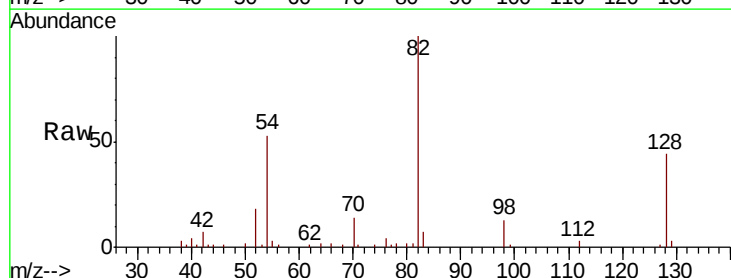


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

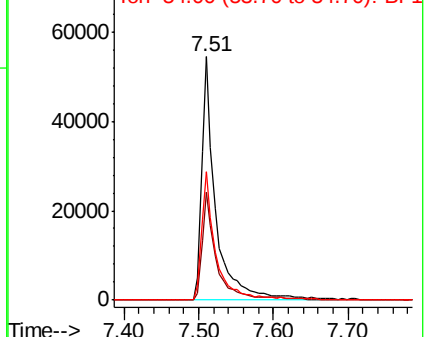
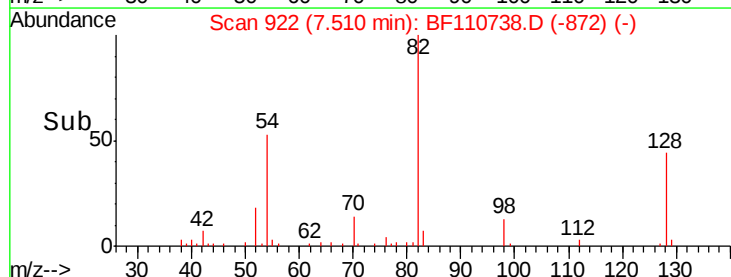


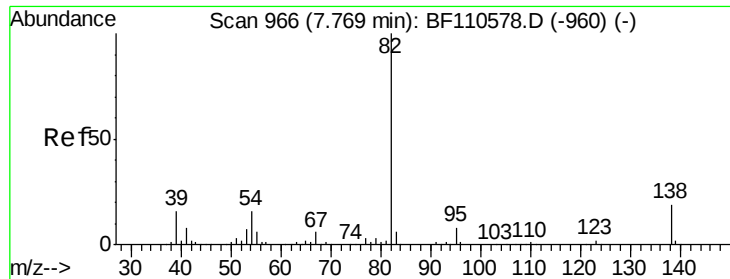
#23
Nitrobenzene-d5
Concen: 15.209 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110738.D
Acq: 14 Nov 2018 00:01

Tgt Ion:	82	Resp:	72984
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	52.8	38.6	58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 9.280 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110738.D

Acq: 14 Nov 2018 00:01

Instrument :

BNA_F

ClientSampleId :

SR-5-S

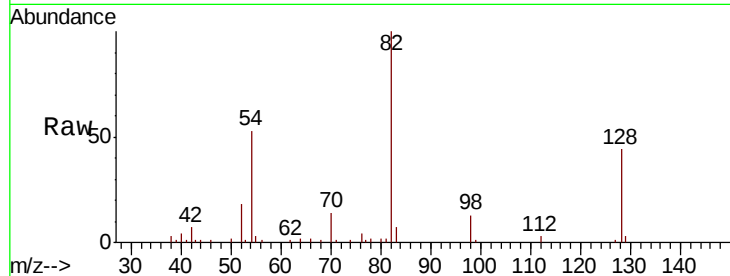
Tgt Ion: 82 Resp: 72984

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

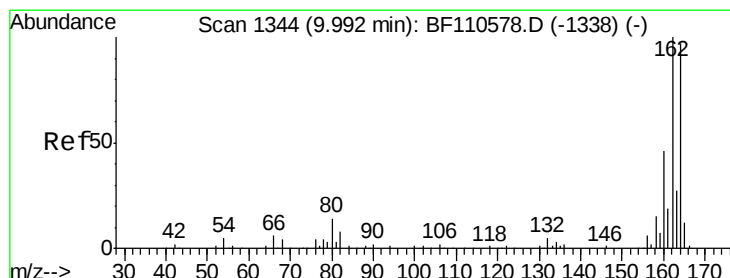
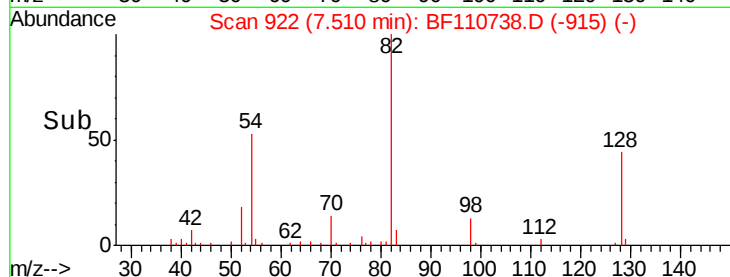
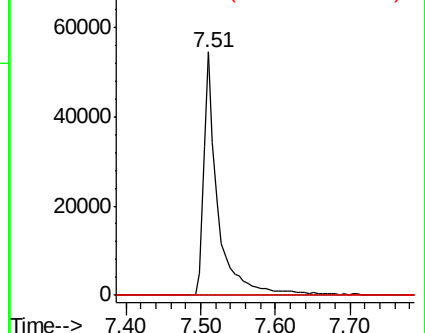
138 0.0 13.2 19.8#



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: BF110738.D

Acq: 14 Nov 2018 00:01

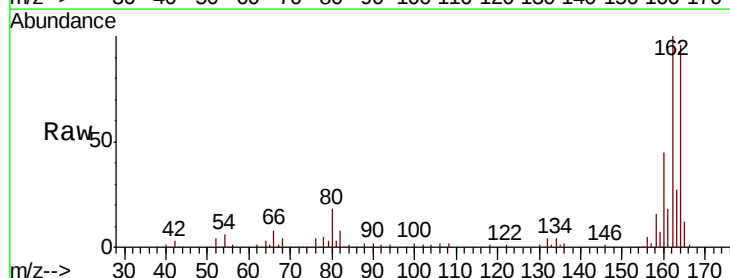
Tgt Ion: 164 Resp: 104528

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.6

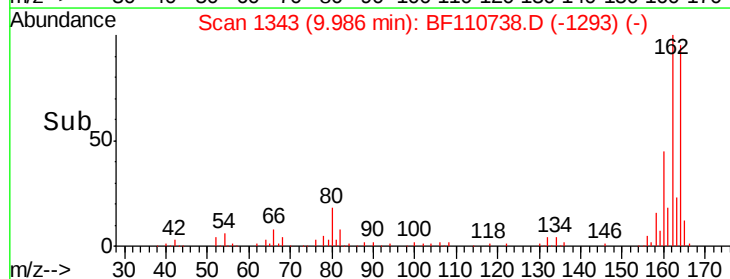
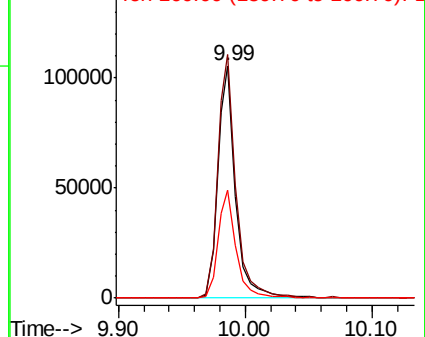
160 46.7 37.0 55.6

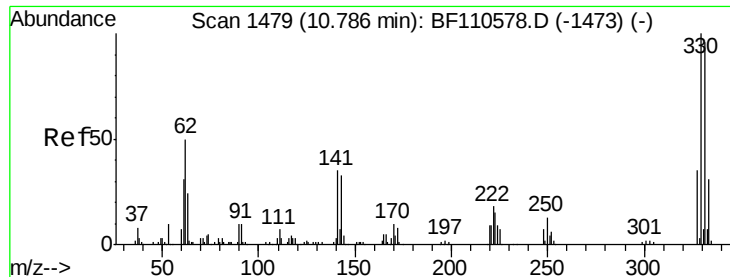


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

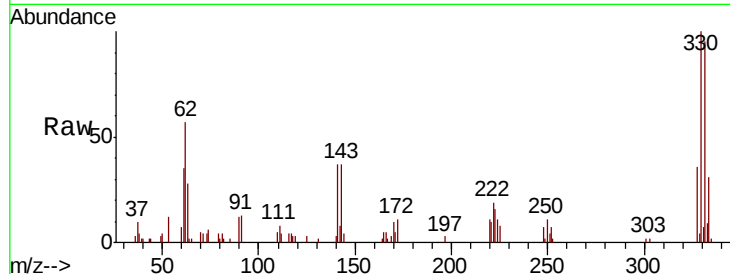




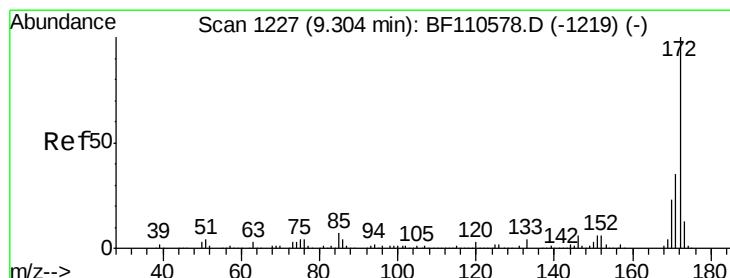
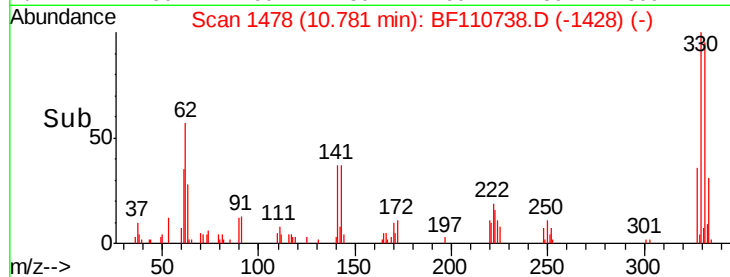
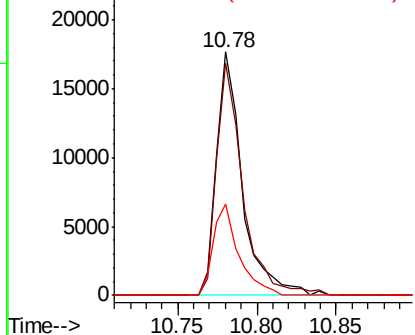
#42
 2,4,6-Tribromophenol
 Concen: 19.037 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110738.D
 Acq: 14 Nov 2018 00:01

Instrument :
 BNA_F
 ClientSampled :
 SR-5-S

Tgt Ion:330 Resp: 20051
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 36.8 27.0 40.4

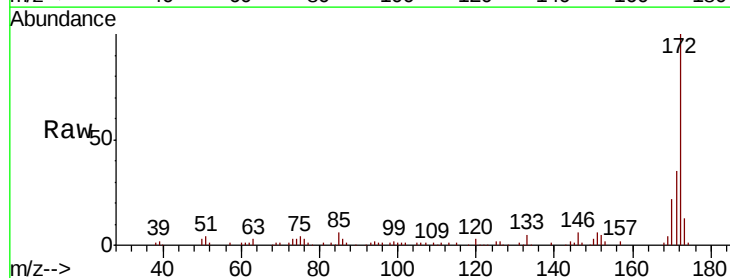


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

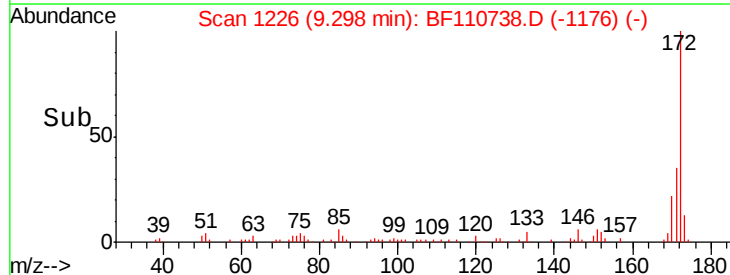
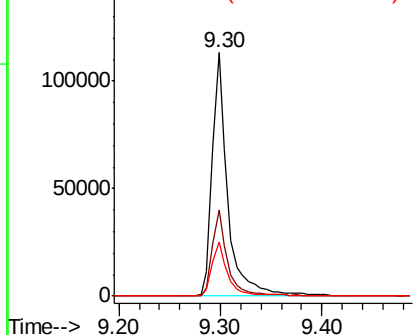


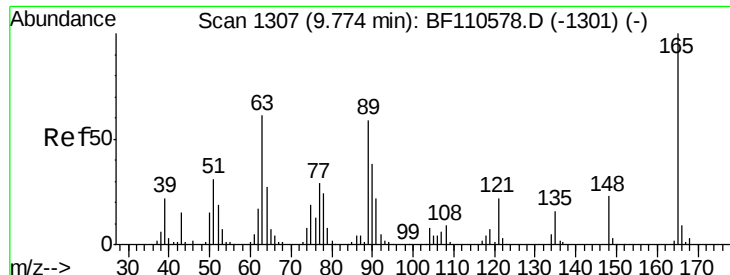
#45
 2-Fluorobiphenyl
 Concen: 16.618 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110738.D
 Acq: 14 Nov 2018 00:01

Tgt Ion:172 Resp: 121627
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 22.5 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

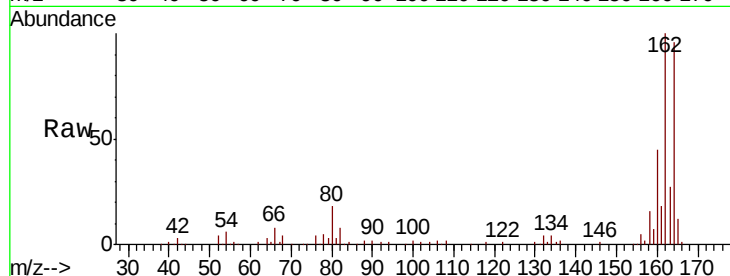




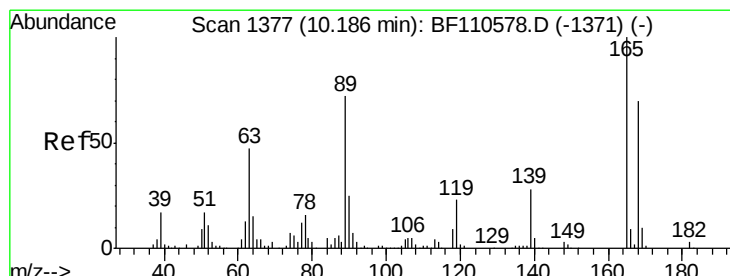
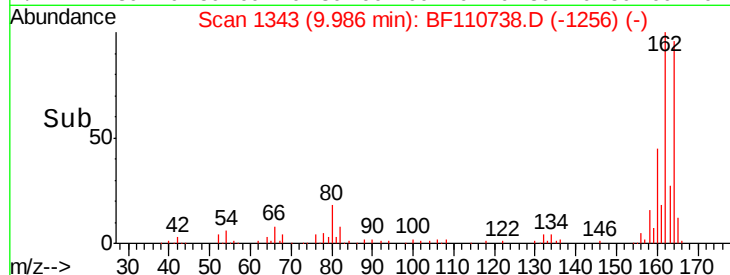
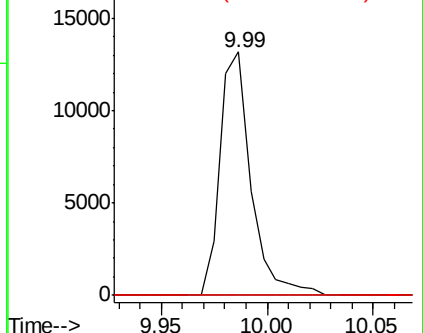
#51
 2,6-Dinitrotoluene
 Concen: 7.819 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110738.D
 Acq: 14 Nov 2018 00:01

Instrument :
 BNA_F
 ClientSampleId :
 SR-5-S

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



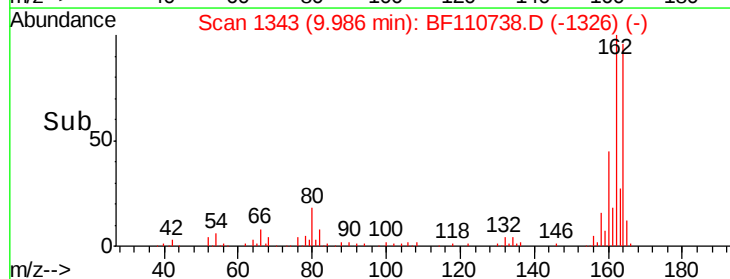
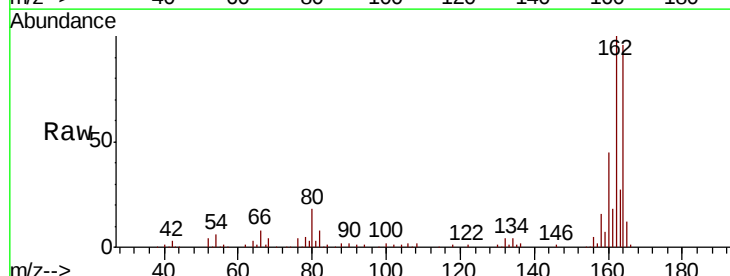
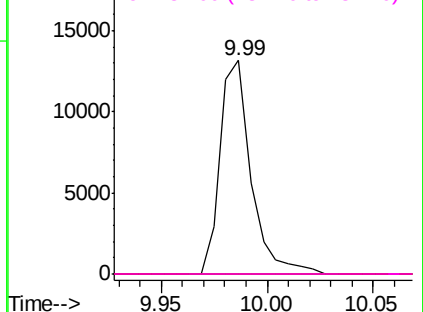
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

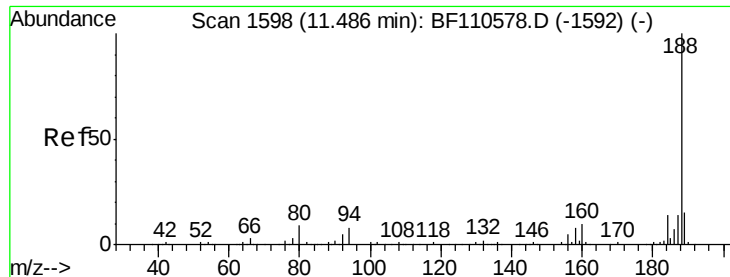


#57
 2,4-Dinitrotoluene
 Concen: 6.014 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110738.D
 Acq: 14 Nov 2018 00:01

Tgt 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#

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

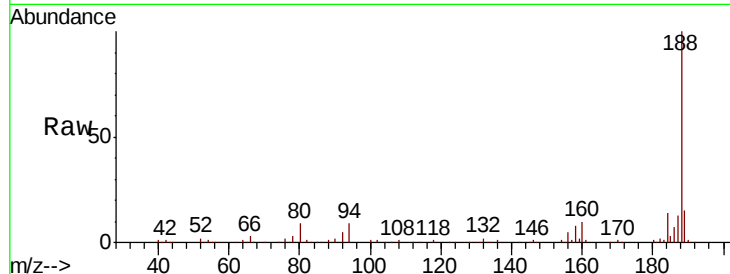




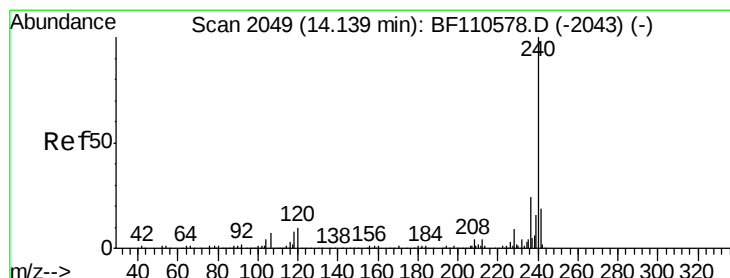
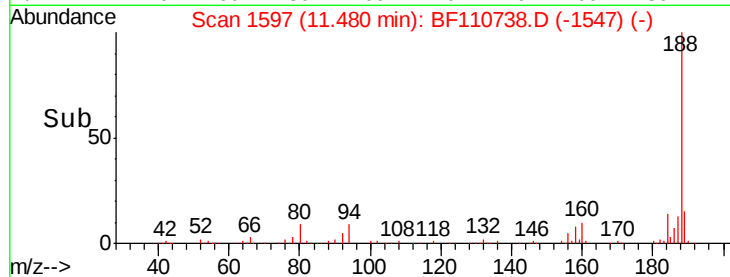
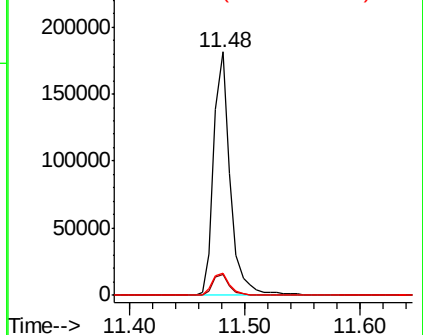
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110738.D
Acq: 14 Nov 2018 00:01

Instrument :
BNA_F
ClientSampleId :
SR-5-S

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.3	7.9	11.9

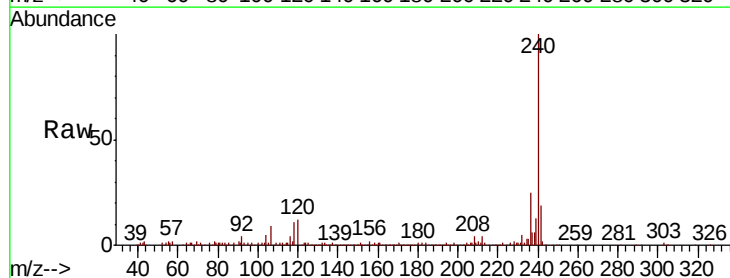


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

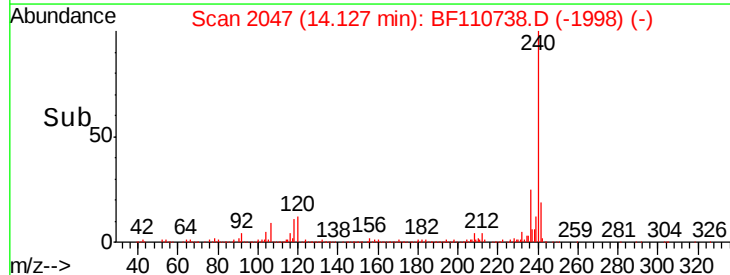
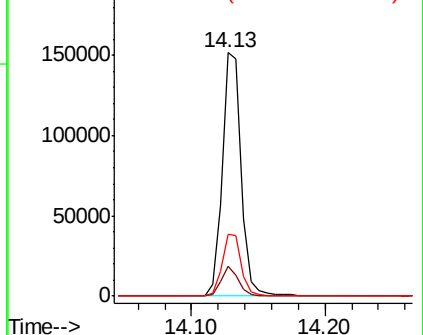


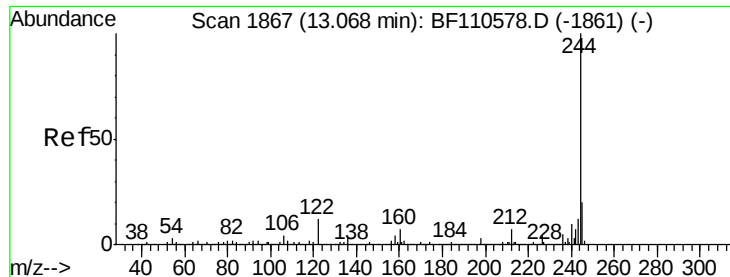
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110738.D
Acq: 14 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.5	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: 12.981 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110738.D

Acq: 14 Nov 2018 00:01

Instrument :

BNA_F

ClientSampleId :

SR-5-S

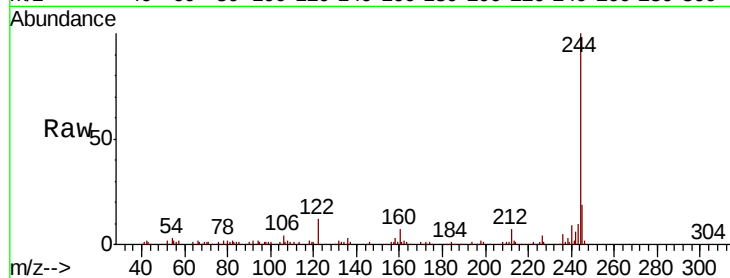
Tgt Ion:244 Resp: 105336

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

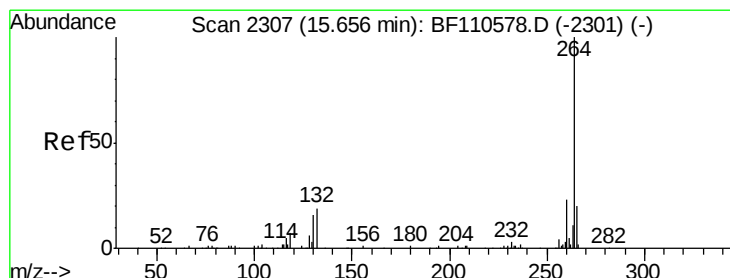
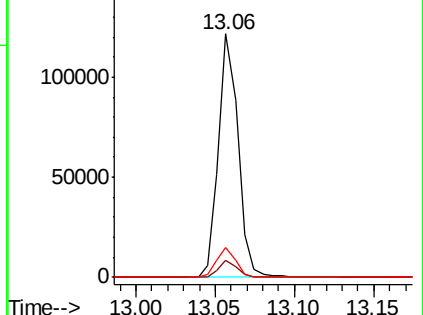
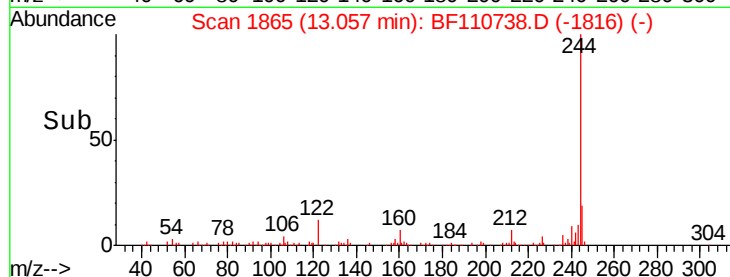
122 12.0 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110738.D

Acq: 14 Nov 2018 00:01

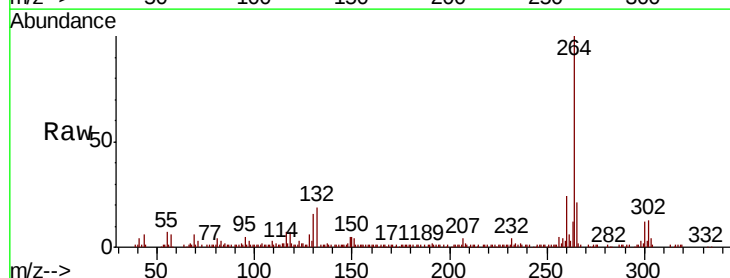
Tgt Ion:264 Resp: 99950

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.2 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

