

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110698.D
 Acq On : 13 Nov 2018 3:05
 Operator : JU/SJ
 Sample : J5904-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110818-DBRI-F-U-M

Quant Time: Nov 13 07:19:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

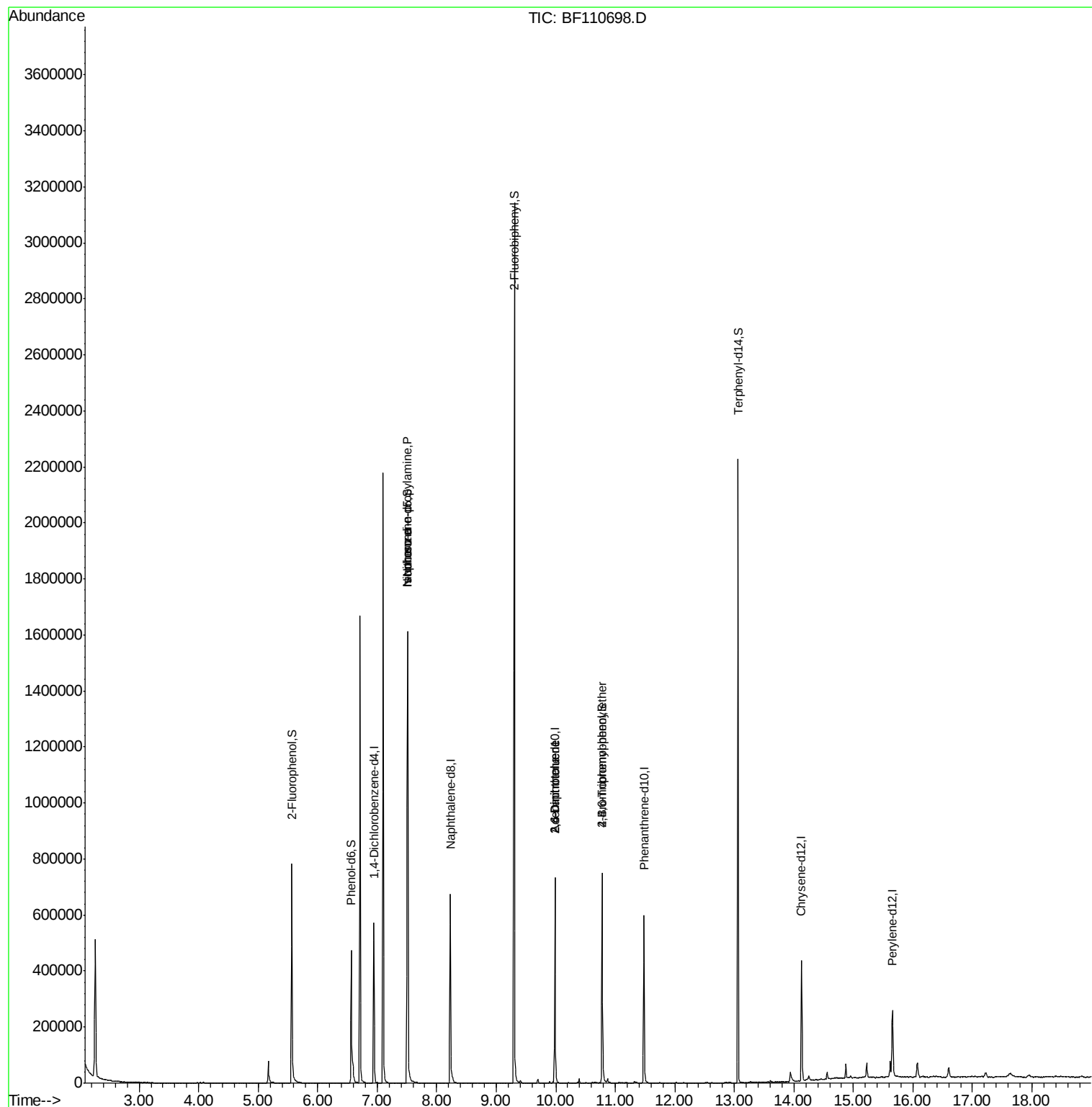
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88848	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	359363	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	150619	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	238529	20.00	ng	0.00
76) Chrysene-d12	14.13	240	166827	20.00	ng	-0.01
87) Perylene-d12	15.66	264	121255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	231626	42.35	ng	0.00
7) Phenol-d6	6.56	99	175339	25.07	ng	-0.01
23) Nitrobenzene-d5	7.51	82	615750	98.68	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	103202	68.00	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1080680	102.47	ng	0.00
79) Terphenyl-d14	13.06	244	702282	78.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	80463	18.021	ng	# 82
25) Isophorone	7.51	82	615746	60.205	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	19259	7.790	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	19259	5.991	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	6138	2.328	ng	# 1

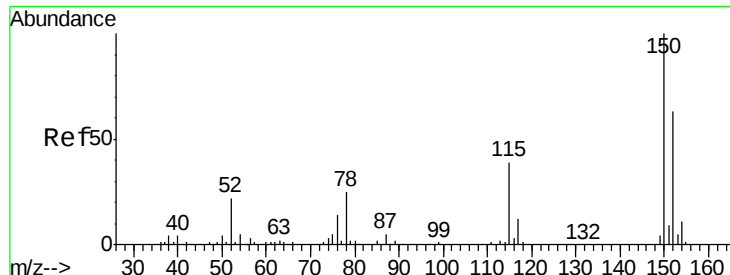
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

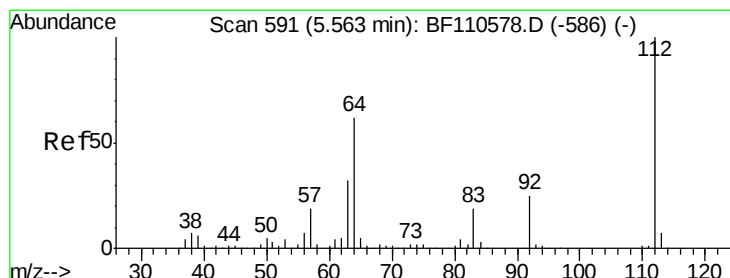
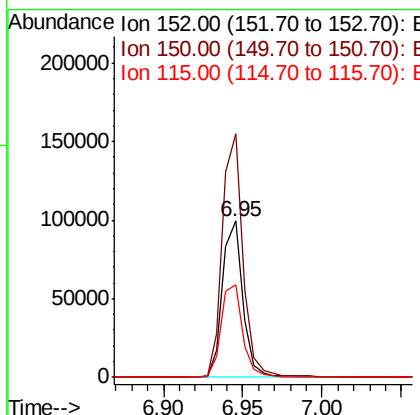
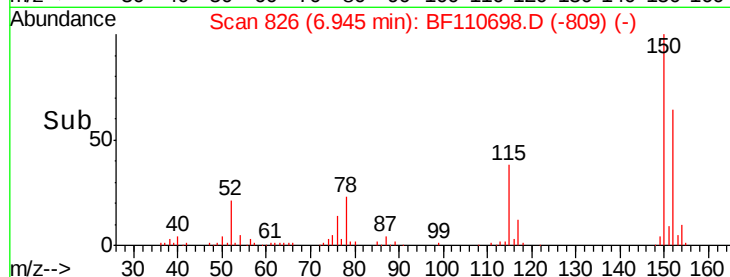
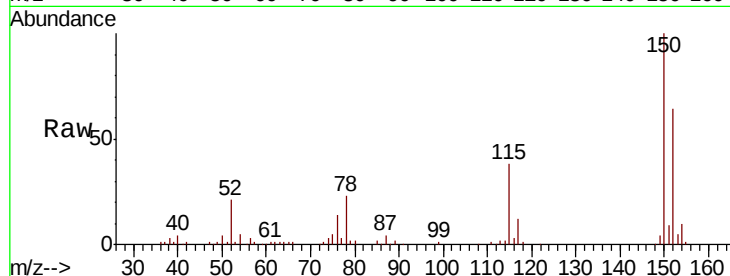




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110698.D
 Acq: 13 Nov 2018 3:05

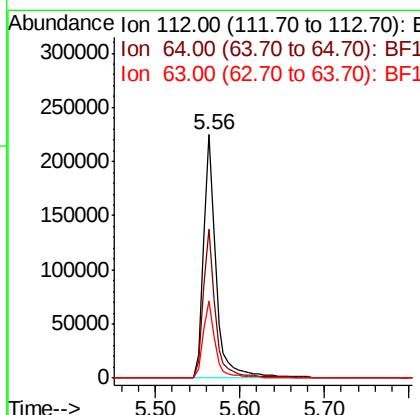
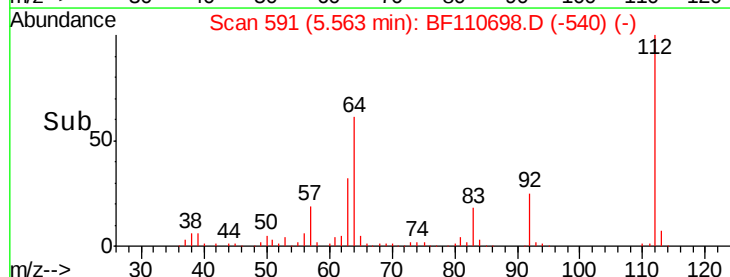
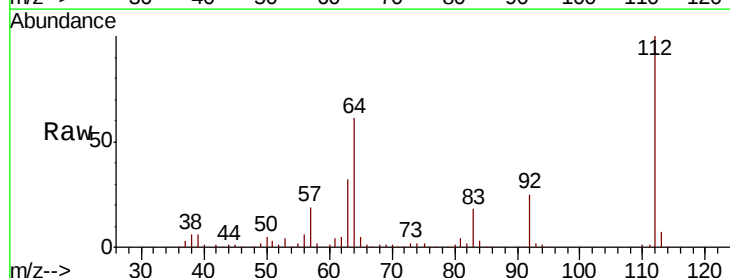
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 ClientSampleId :
 110818-DBRI-F-U-M

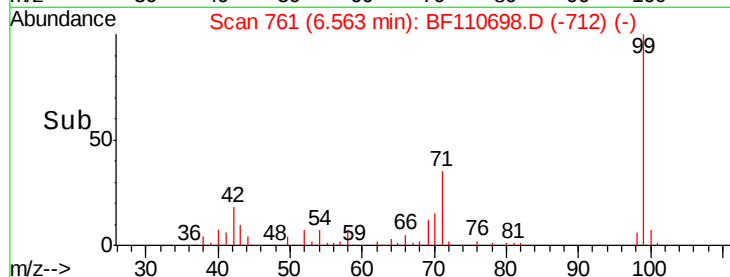
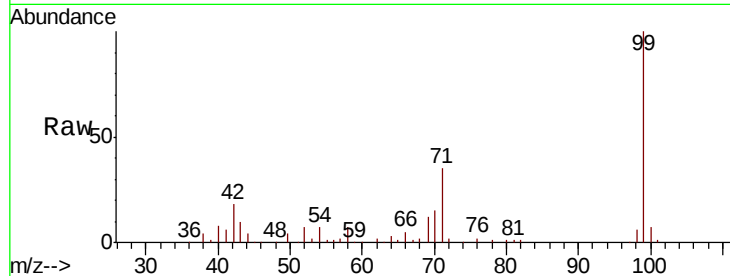
Tgt Ion:	152	Resp:	88848
Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	59.6	49.1	73.7



#5
 2-Fluorophenol
 Concen: 42.346 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110698.D
 Acq: 13 Nov 2018 3:05

Tgt Ion:	112	Resp:	231626
Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.1	66.1
63	31.9	23.7	35.5





#7

Phenol-d6

Concen: 25.068 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110698.D

Acq: 13 Nov 2018 3:05

Instrument :

BNA_F

ClientSampleId :

110818-DBRI-F-U-M

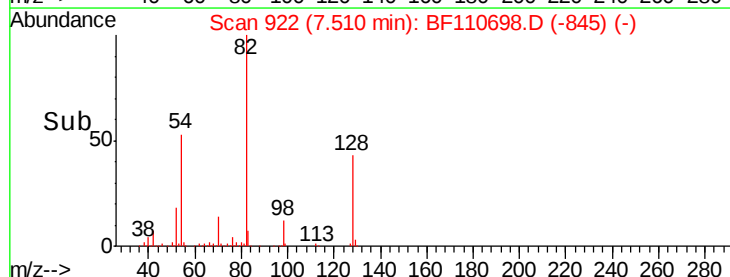
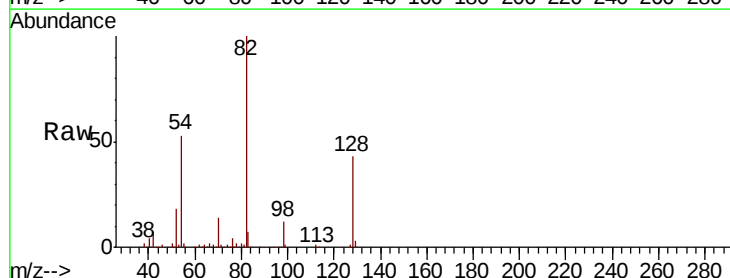
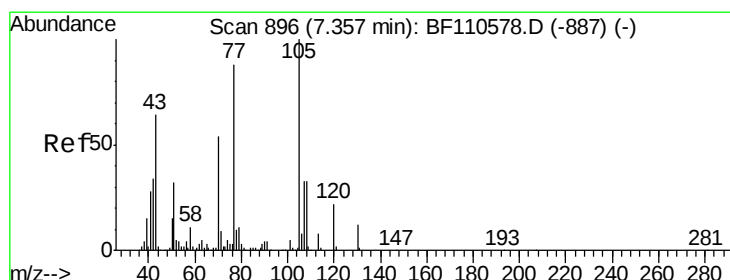
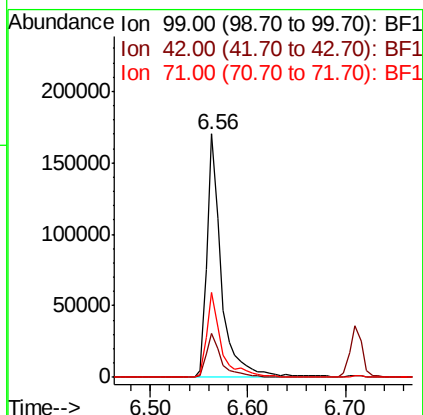
Tgt Ion: 99 Resp: 175339

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 34.7 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.021 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110698.D

Acq: 13 Nov 2018 3:05

Tgt Ion: 70 Resp: 80463

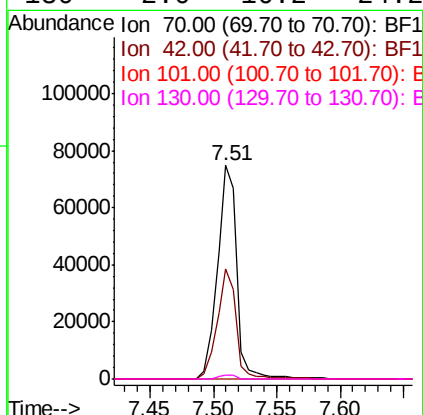
Ion Ratio Lower Upper

70 100

42 51.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

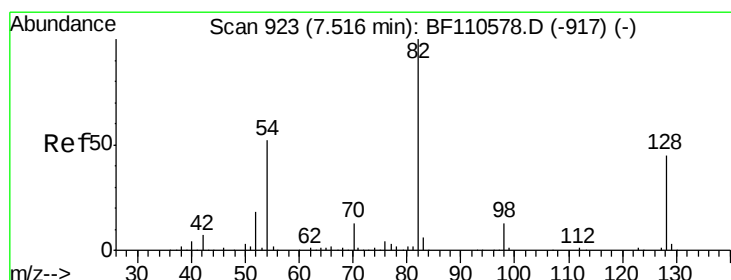
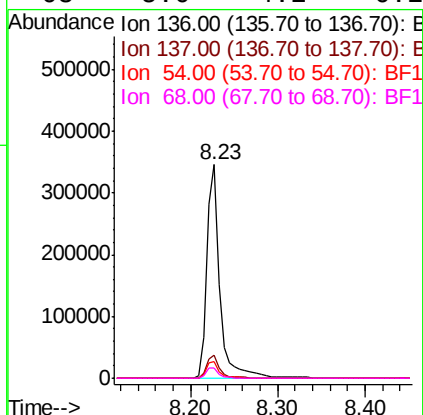
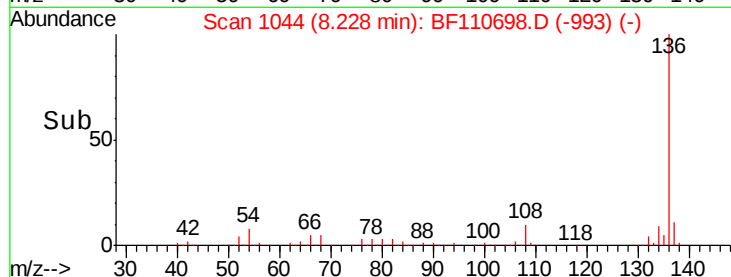
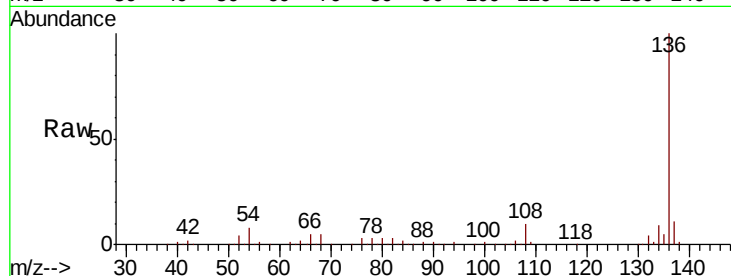




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110698.D
Acq: 13 Nov 2018 3:05

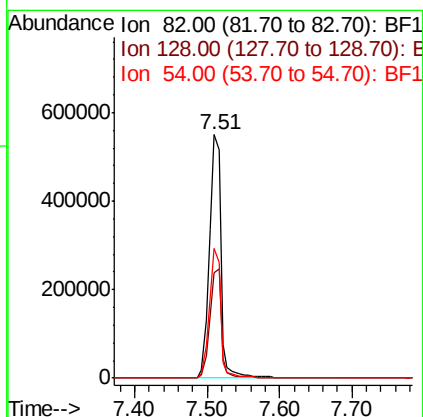
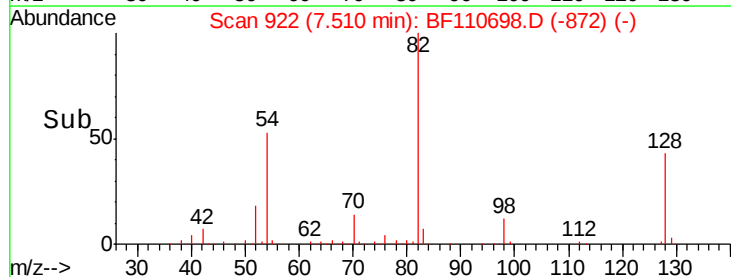
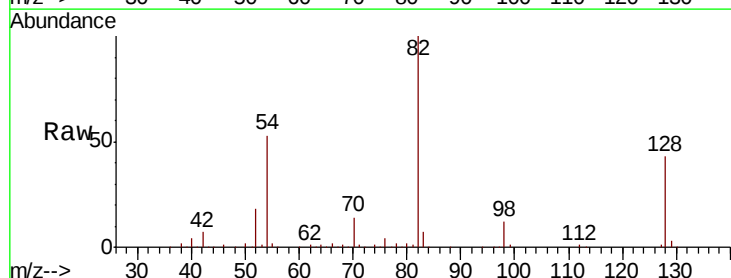
Instrument :
BNA_F
ClientSampleId :
110818-DBRI-F-U-M

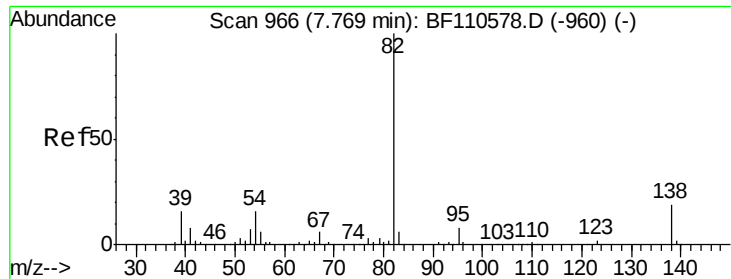
Tgt Ion:	136	Resp:	359363
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	5.4	8.2
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 98.677 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110698.D
Acq: 13 Nov 2018 3:05

Tgt Ion:	82	Resp:	615750
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.2	51.2
54	53.2	38.6	58.0

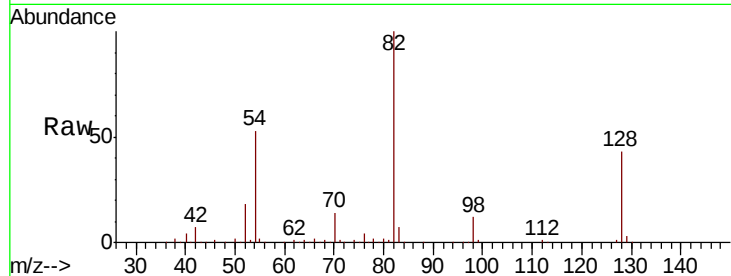




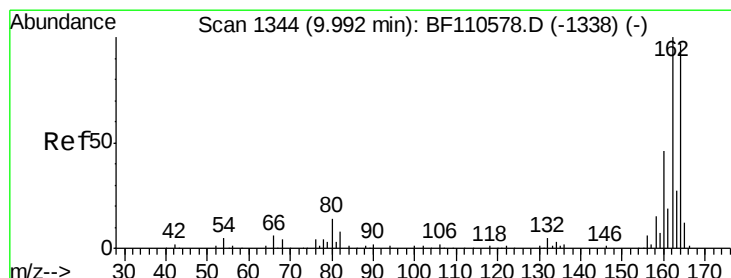
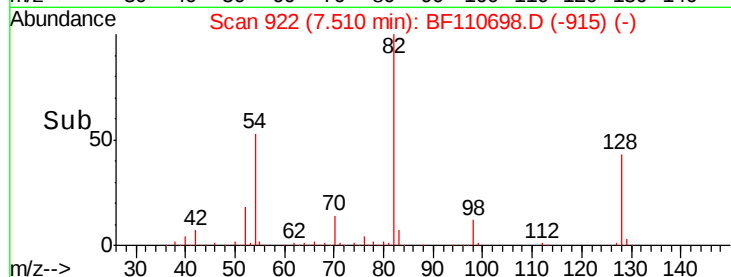
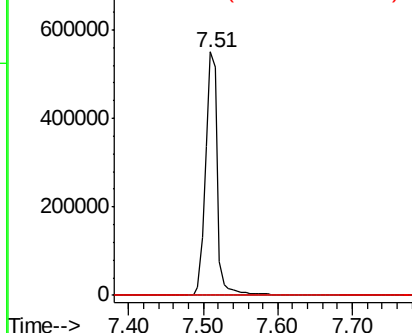
#25
Isophorone
Concen: 60.205 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110698.D
Acq: 13 Nov 2018 3:05

Instrument :
BNA_F
ClientSampleId :
110818-DBRI-F-U-M

Tgt Ion: 82 Resp: 615746
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

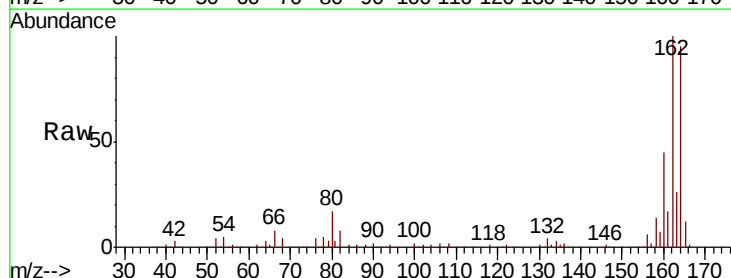


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

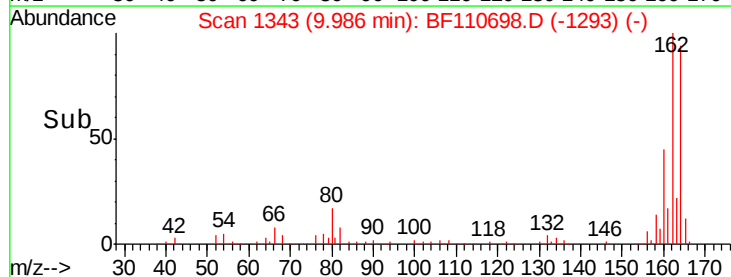
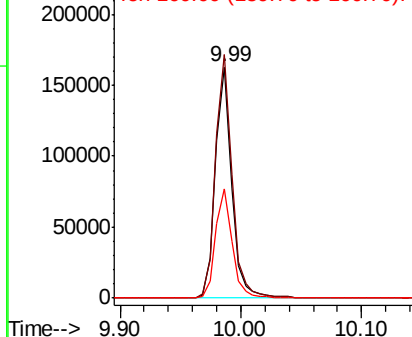


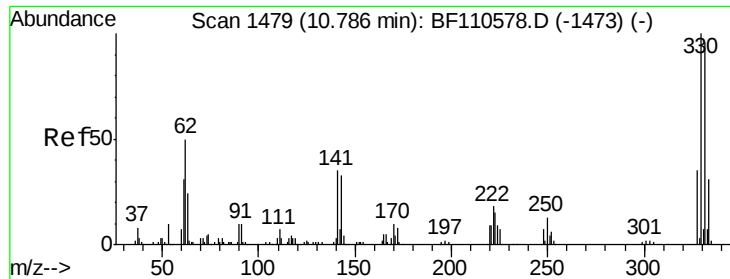
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110698.D
Acq: 13 Nov 2018 3:05

Tgt Ion: 164 Resp: 150619
Ion Ratio Lower Upper
164 100
162 105.5 83.0 124.6
160 47.1 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

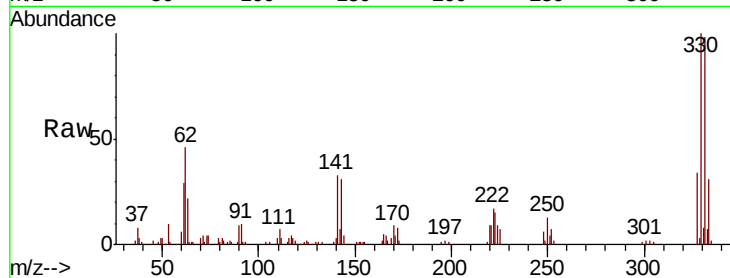




#42
 2,4,6-Tribromophenol
 Concen: 68.000 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110698.D
 Acq: 13 Nov 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 110818-DBRI-F-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	37.6	27.0	40.4

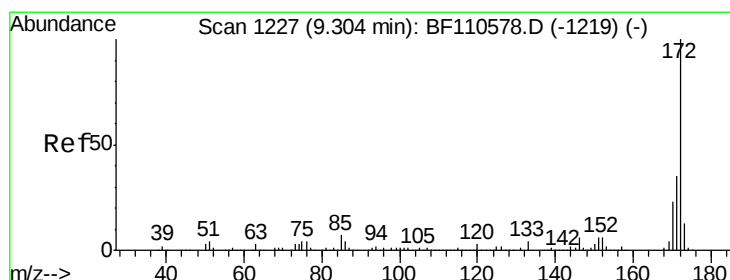
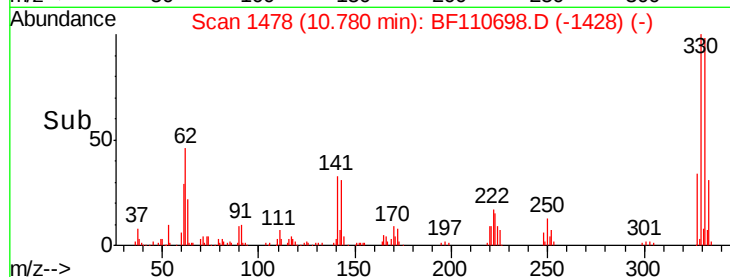
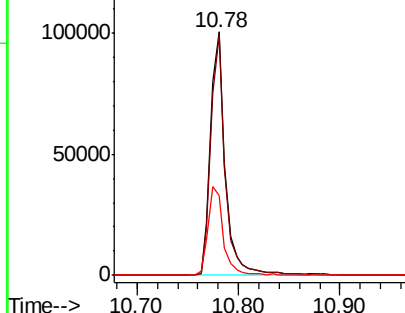


Abundance

Ion 329.80 (329.50 to 330.50): E

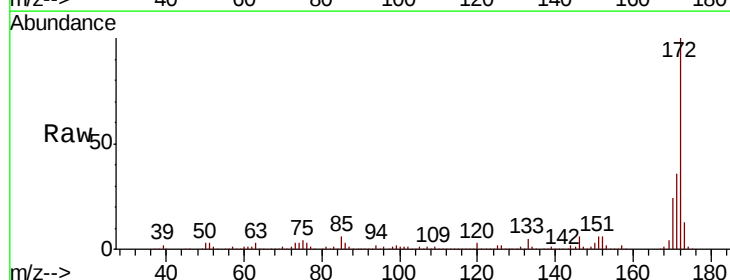
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.471 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF110698.D
 Acq: 13 Nov 2018 3:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	19.7	29.5

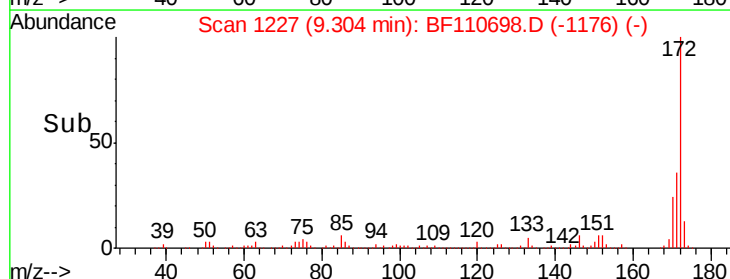
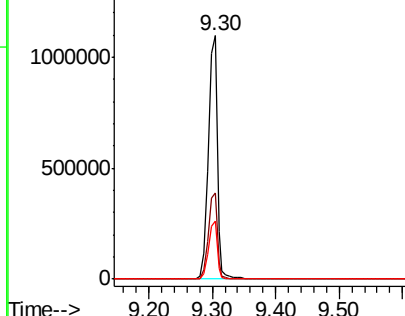


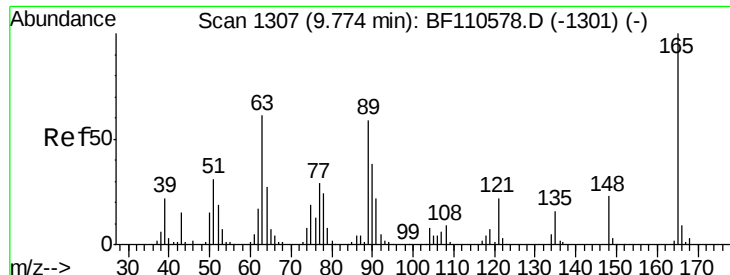
Abundance

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

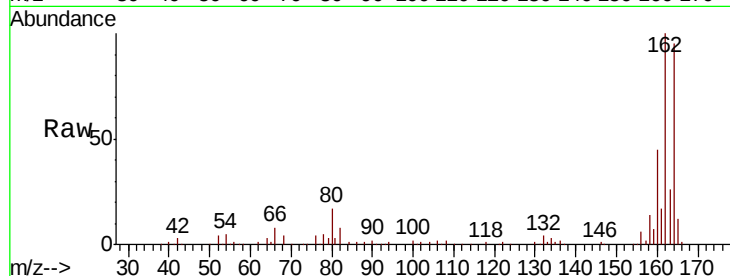




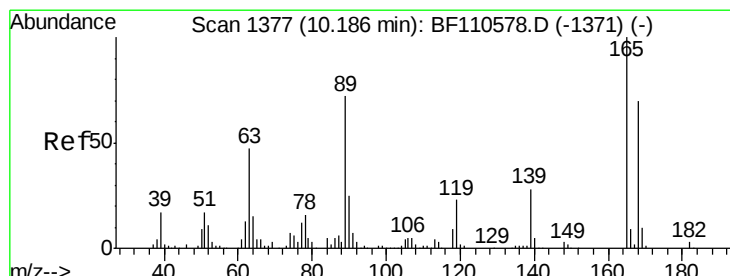
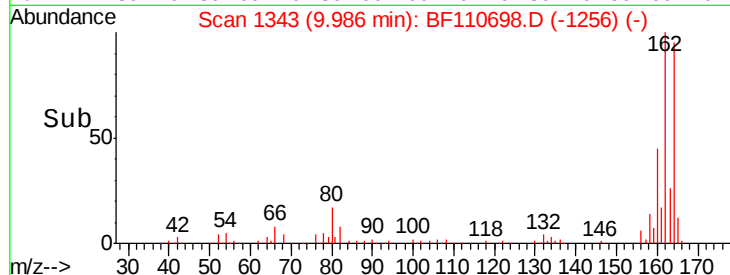
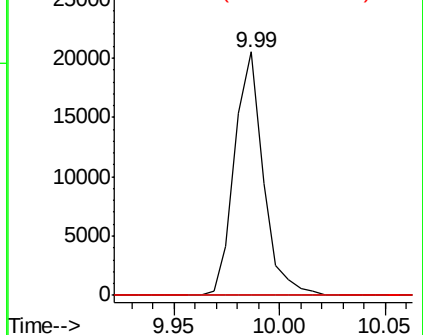
#51
 2,6-Dinitrotoluene
 Concen: 7.790 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110698.D
 Acq: 13 Nov 2018 3:05

Instrument :
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 ClientSampleId :
 110818-DBRI-F-U-M

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



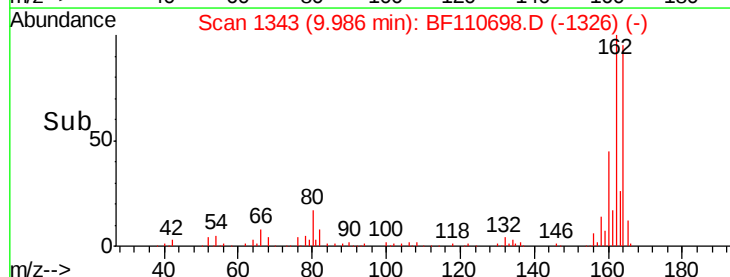
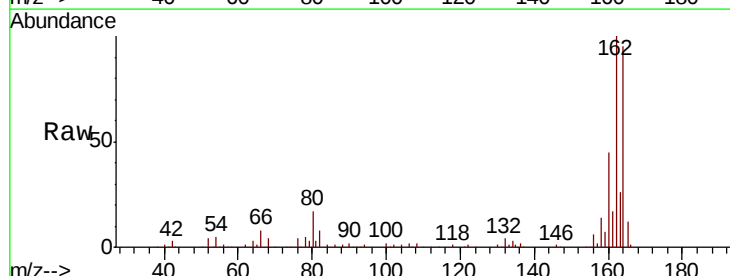
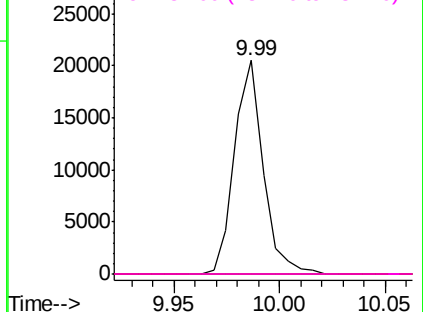
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

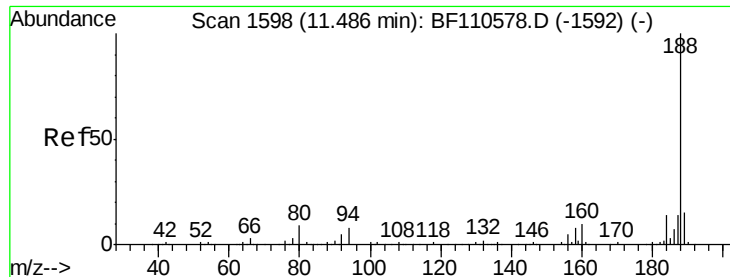


#57
 2,4-Dinitrotoluene
 Concen: 5.991 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110698.D
 Acq: 13 Nov 2018 3:05

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

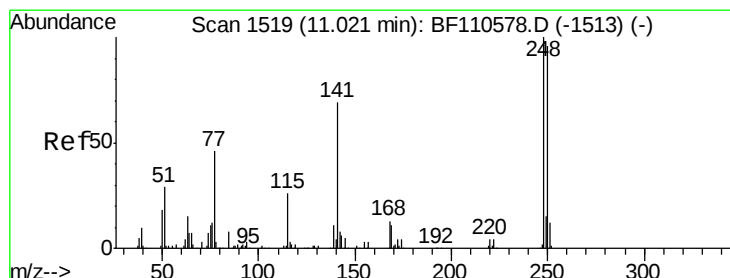
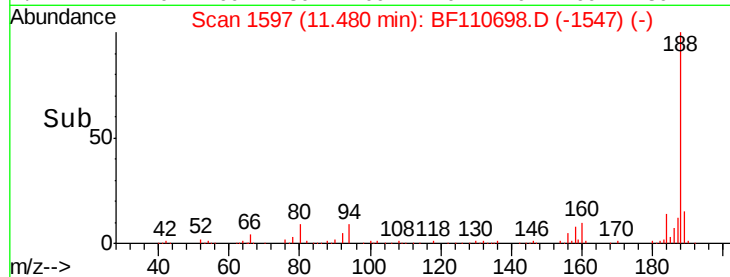
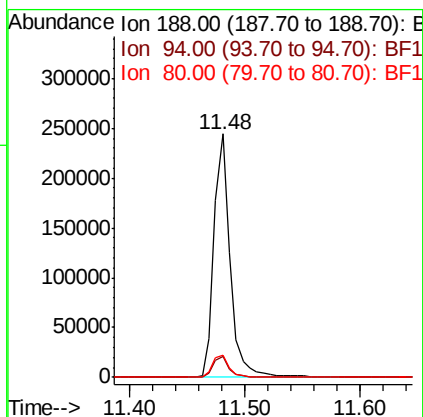
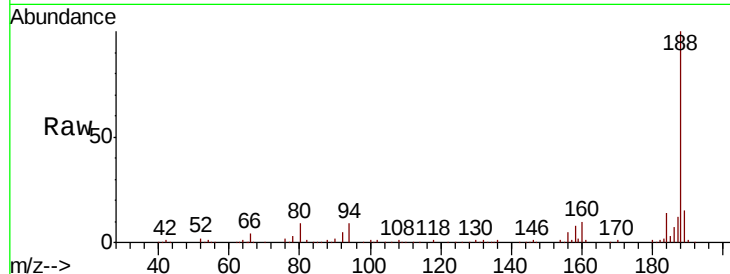




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110698.D
 Acq: 13 Nov 2018 3:05

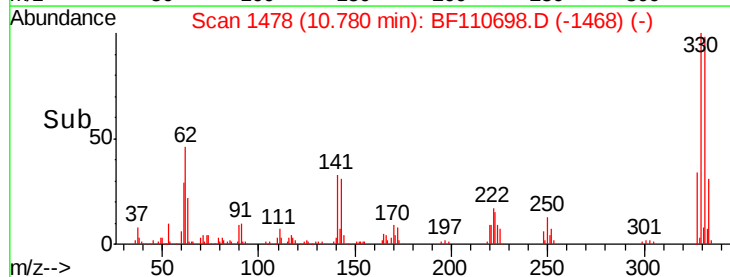
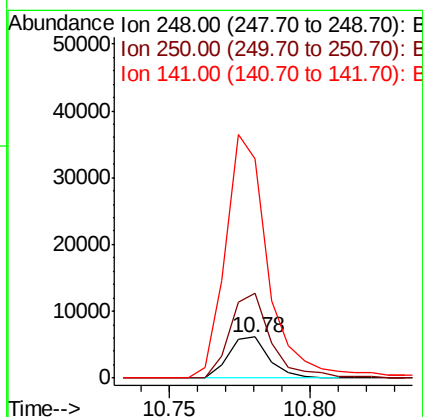
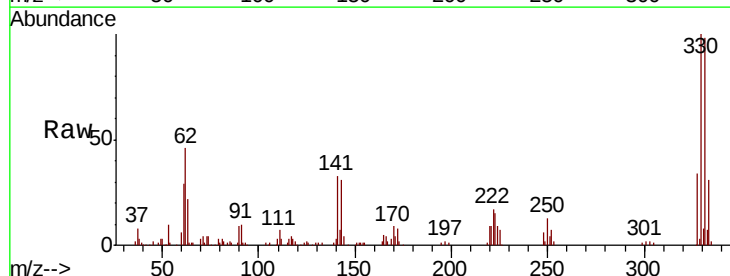
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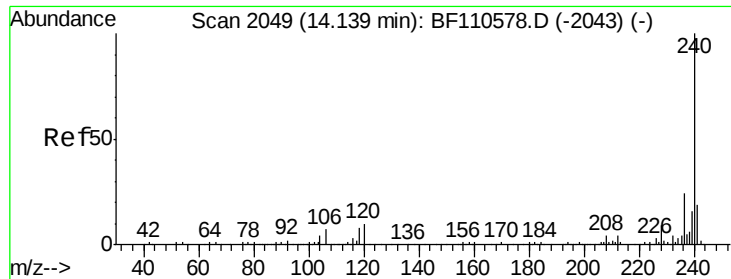
Tgt Ion:	188	Resp:	238529
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.4	7.9	11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.328 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110698.D
 Acq: 13 Nov 2018 3:05

Tgt Ion:	248	Resp:	6138
Ion	Ratio	Lower	Upper
248	100		
250	206.6	79.4	119.2#
141	535.2	55.9	83.9#

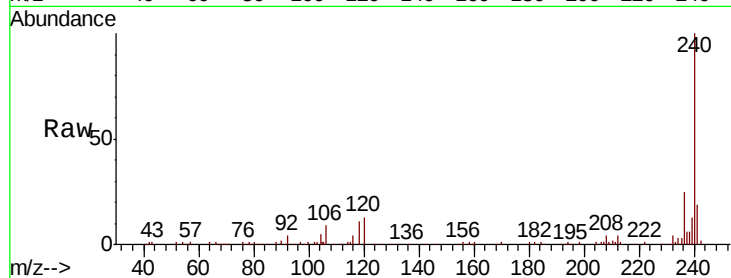




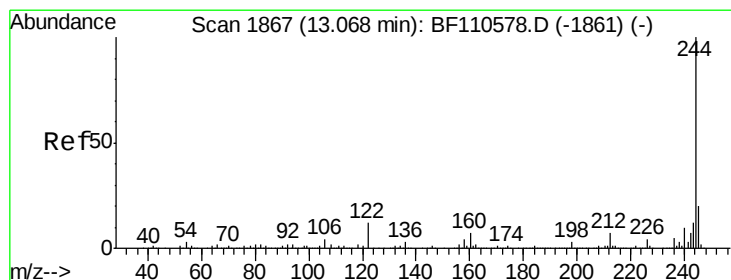
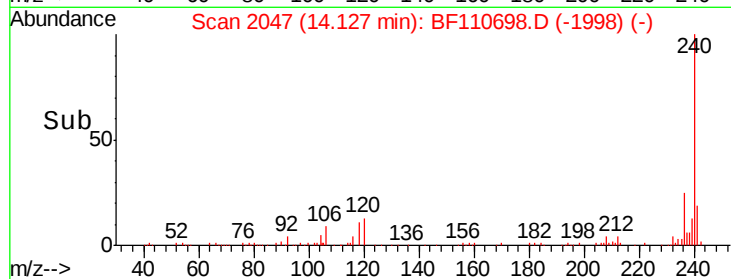
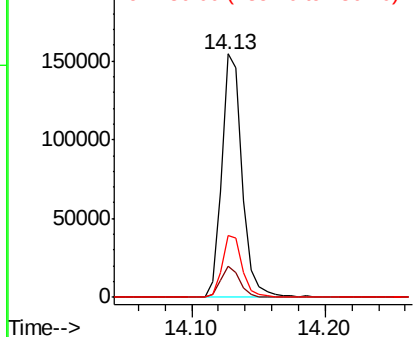
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110698.D
Acq: 13 Nov 2018 3:05

Instrument :
BNA_F
ClientSampleId :
110818-DBRI-F-U-M

Tgt Ion:240 Resp: 166827
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 25.4 21.2 31.8

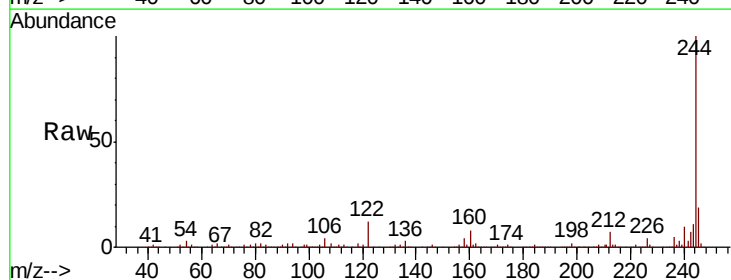


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

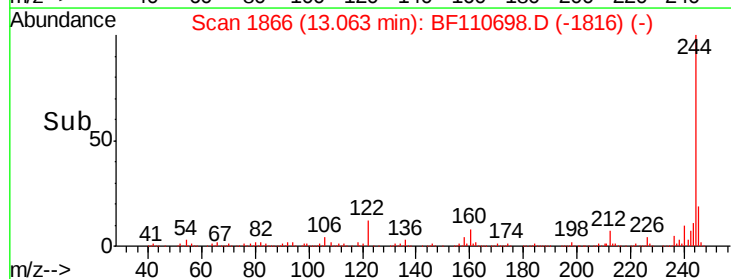
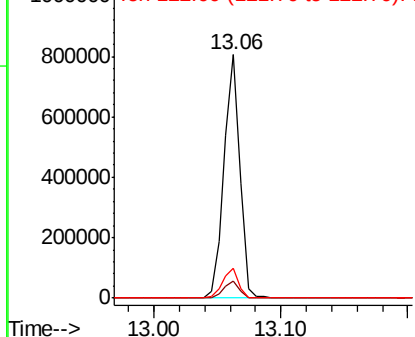


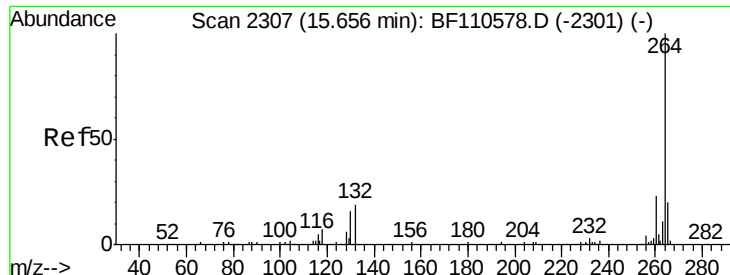
#79
Terphenyl-d14
Concen: 78.837 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110698.D
Acq: 13 Nov 2018 3:05

Tgt Ion:244 Resp: 702282
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.1 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

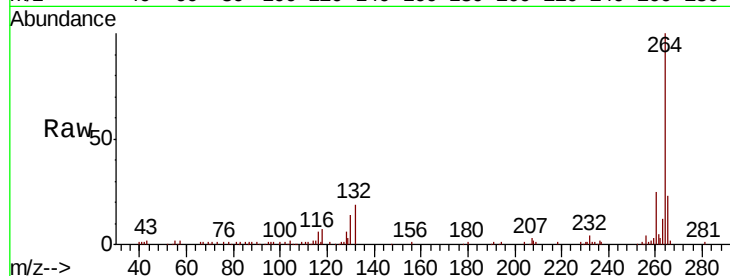




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110698.D
Acq: 13 Nov 2018 3:05

Instrument :
BNA_F
ClientSampleId :
110818-DBRI-F-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	23.3	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

