

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110706.D
 Acq On : 13 Nov 2018 6:45
 Operator : JU/SJ
 Sample : J5904-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110818-JETT-E-D-B

Quant Time: Nov 13 07:20:12 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

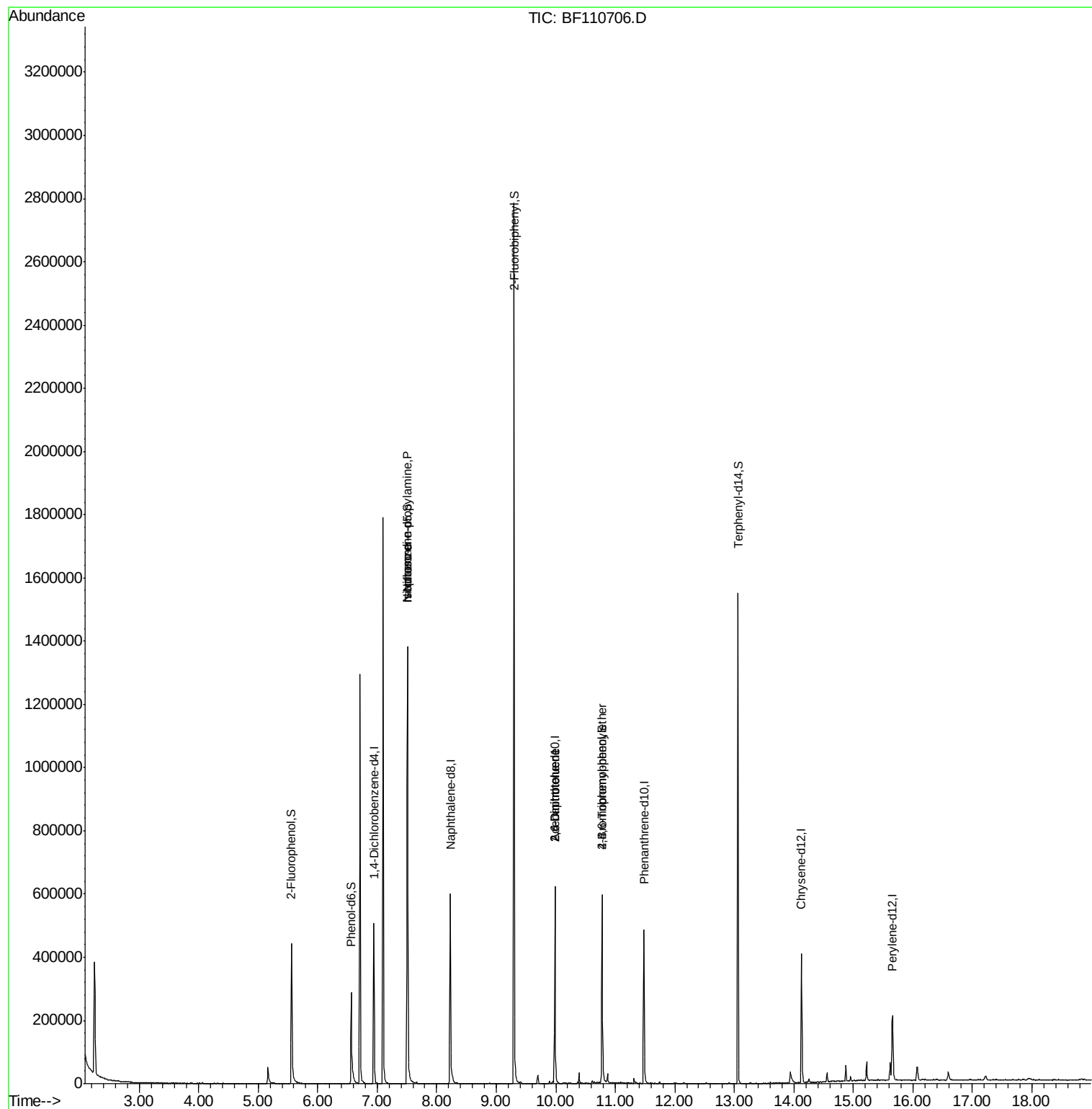
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80912	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	330730	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	139621	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	215299	20.00	ng	0.00
76) Chrysene-d12	14.13	240	152832	20.00	ng	-0.01
87) Perylene-d12	15.66	264	114597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	158034	31.73	ng	0.00
7) Phenol-d6	6.56	99	115049	18.06	ng	-0.01
23) Nitrobenzene-d5	7.51	82	459180	79.96	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	78069	55.49	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	825653	84.46	ng	0.00
79) Terphenyl-d14	13.06	244	535161	65.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	58851	14.474	ng	# 79
25) Isophorone	7.51	82	459178	48.783	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	17518	7.644	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	17518	5.879	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4955	2.082	ng	# 1

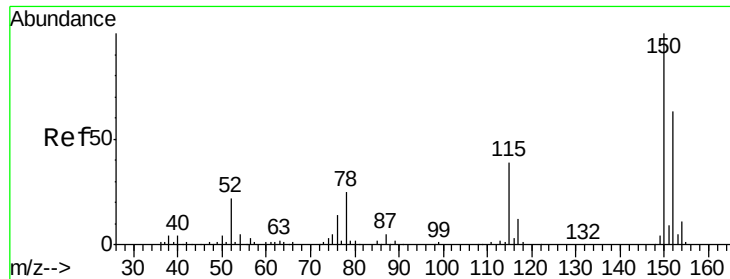
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

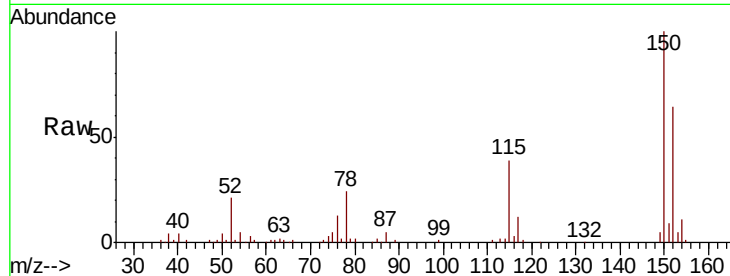




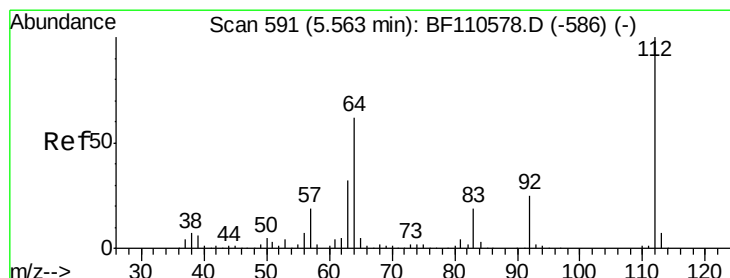
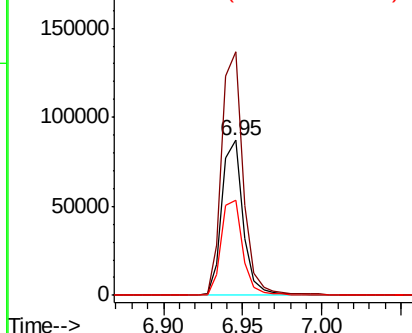
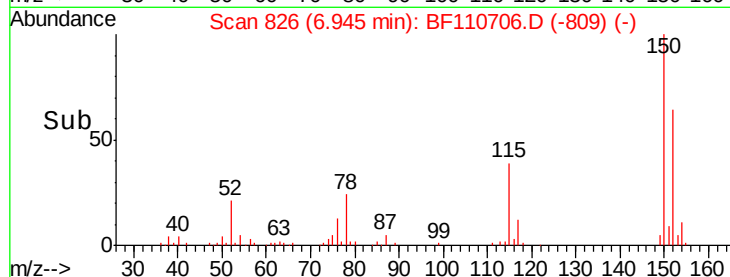
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110706.D
 Acq: 13 Nov 2018 6:45

Instrument :
 BNA_F
 ClientSampleId :
 110818-JETT-E-D-B

Tgt Ion:152 Resp: 80912
 Ion Ratio Lower Upper
 152 100
 150 157.0 122.7 184.1
 115 61.2 49.1 73.7

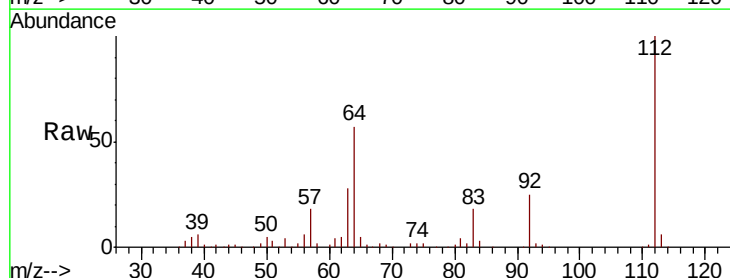


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

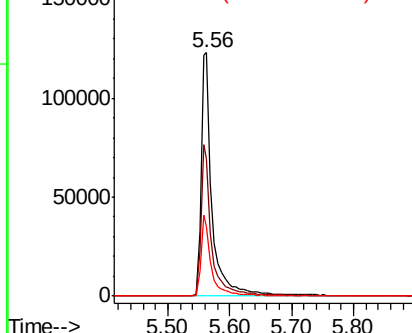
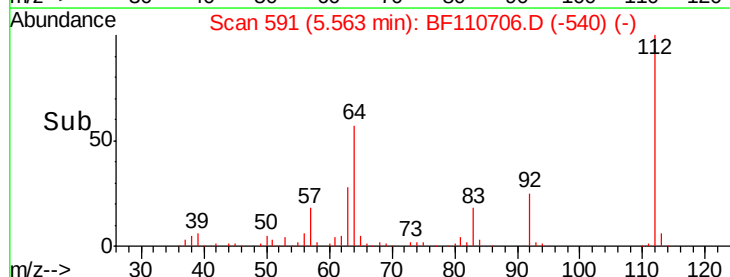


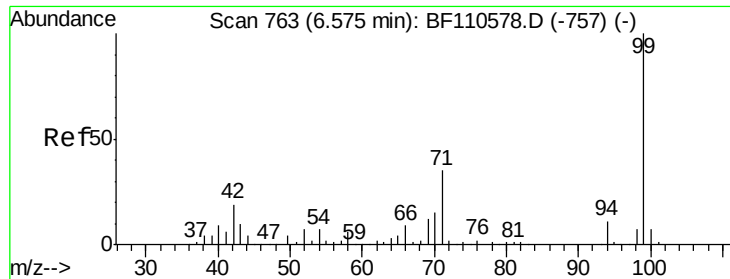
#5
 2-Fluorophenol
 Concen: 31.725 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110706.D
 Acq: 13 Nov 2018 6:45

Tgt Ion:112 Resp: 158034
 Ion Ratio Lower Upper
 112 100
 64 56.6 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: 18.061 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110706.D

Acq: 13 Nov 2018 6:45

Instrument :

BNA_F

ClientSampleId :

110818-JETT-E-D-B

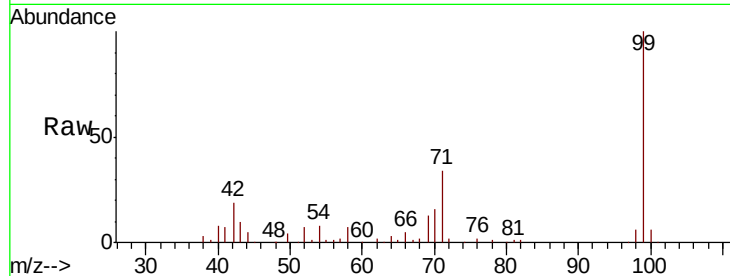
Tgt Ion: 99 Resp: 115049

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

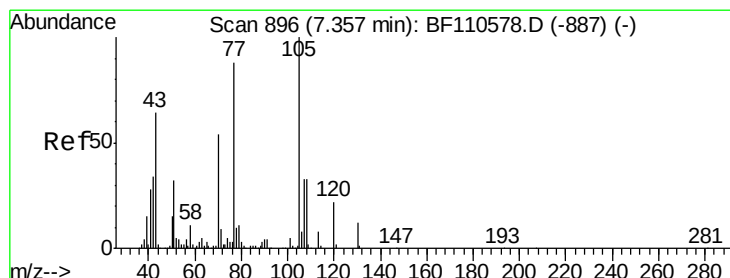
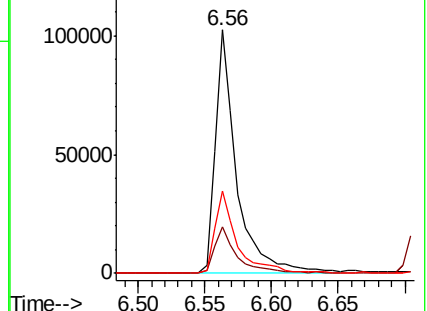
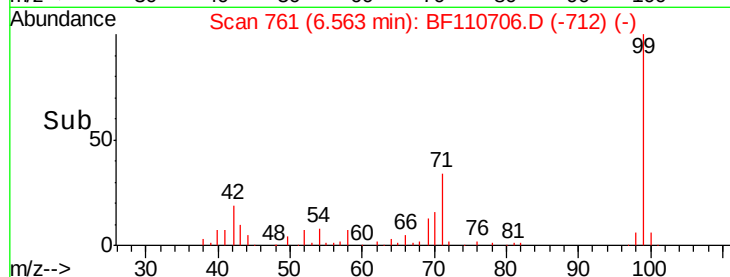
71 33.9 28.0 42.0



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: 14.474 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110706.D

Acq: 13 Nov 2018 6:45

Tgt Ion: 70 Resp: 58851

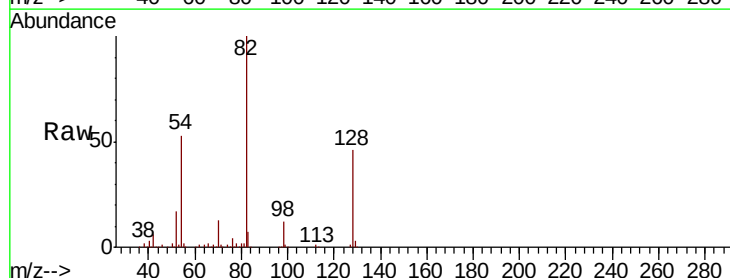
Ion Ratio Lower Upper

70 100

42 48.7 47.4 71.2

101 0.0 7.3 10.9#

130 2.3 16.2 24.2#

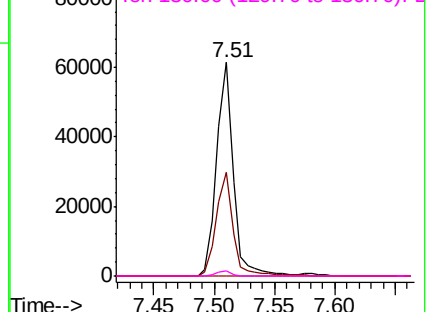
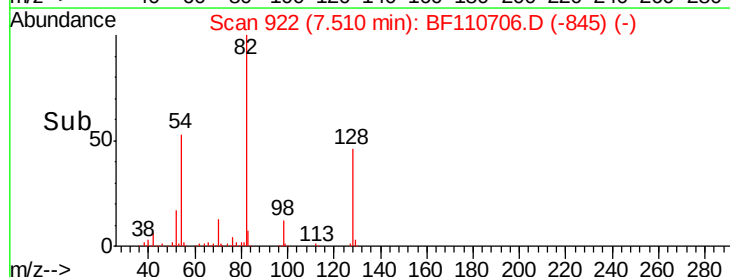


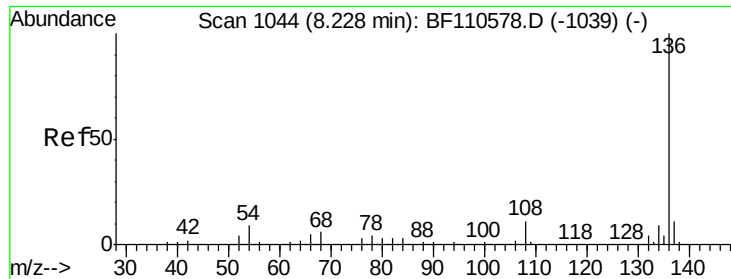
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

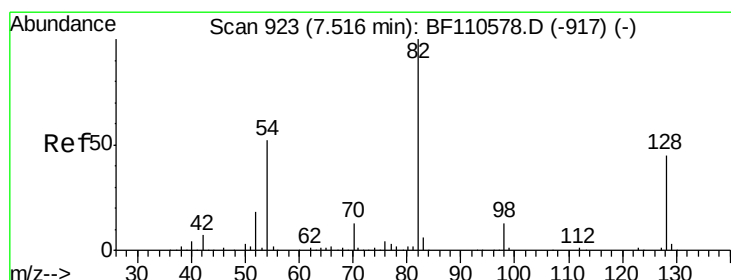
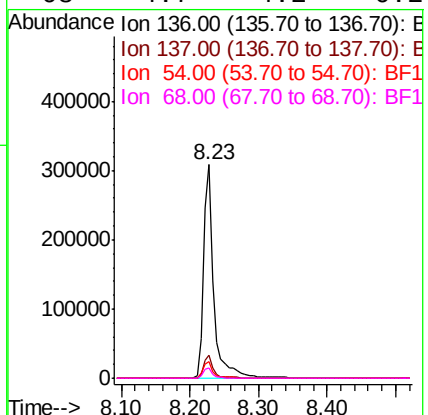
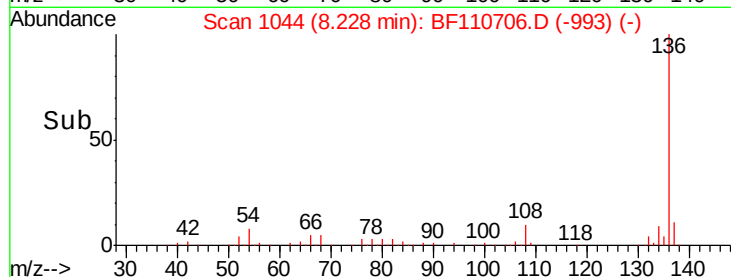
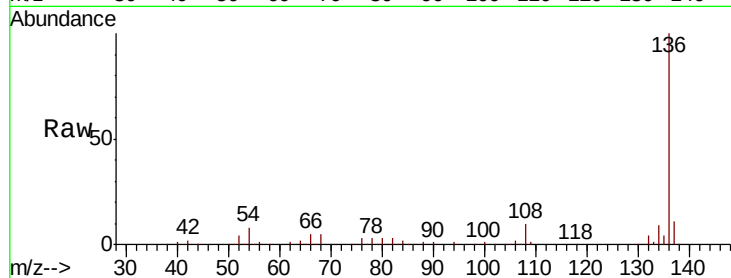




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110706.D
Acq: 13 Nov 2018 6:45

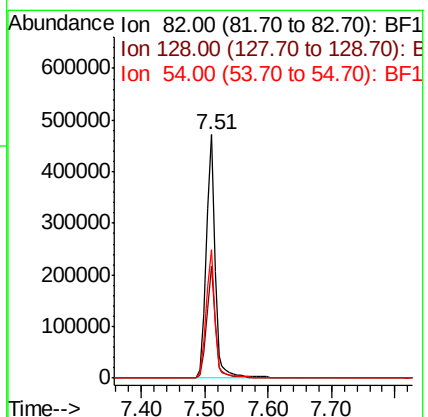
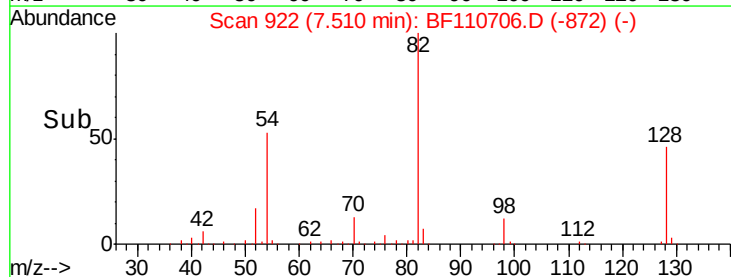
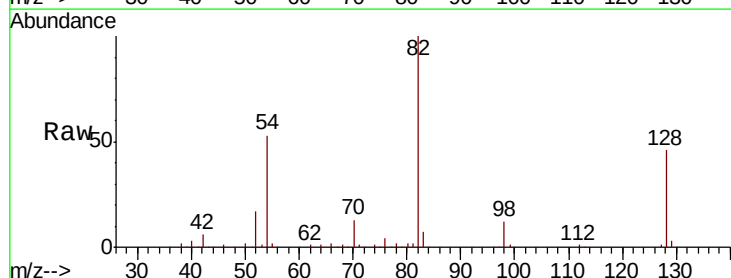
Instrument :
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110818-JETT-E-D-B

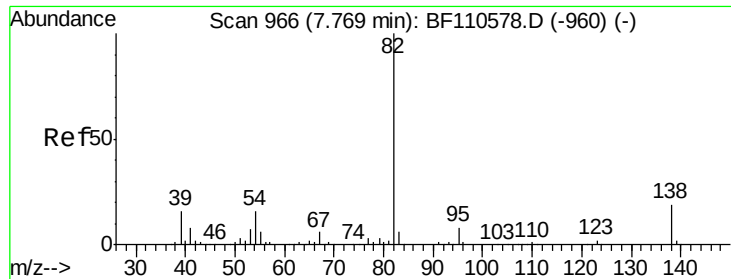
Tgt Ion:	136	Resp:	330730
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.6	5.4	8.2
68	4.7	4.2	6.2



#23
Nitrobenzene-d5
Concen: 79.956 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110706.D
Acq: 13 Nov 2018 6:45

Tgt Ion:	82	Resp:	459180
Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.2	51.2
54	52.6	38.6	58.0





#25

Isophorone

Concen: 48.783 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110706.D

Acq: 13 Nov 2018 6:45

Instrument :

BNA_F

ClientSampleId :

110818-JETT-E-D-B

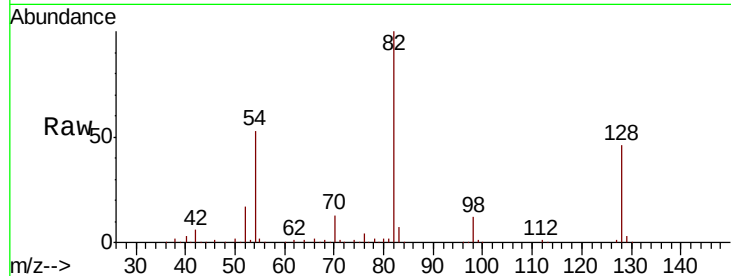
Tgt Ion: 82 Resp: 459178

Ion Ratio Lower Upper

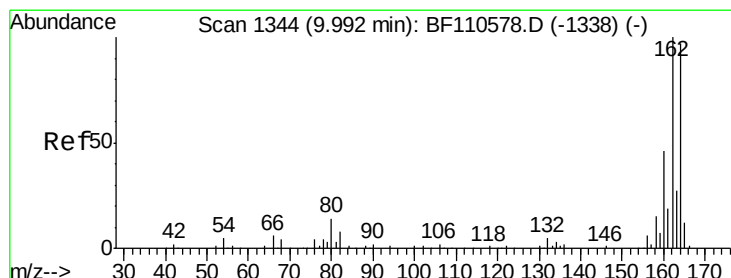
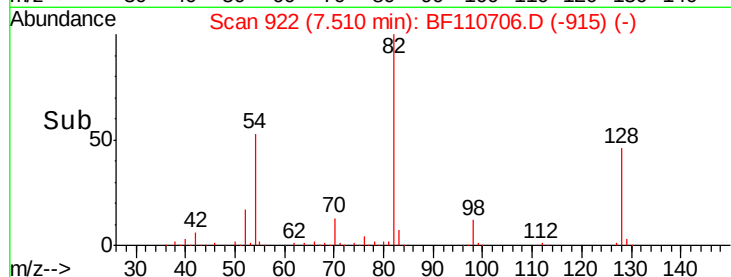
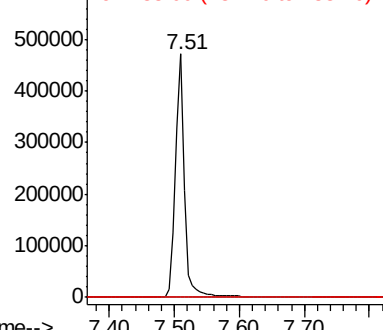
82 100

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: BF110706.D

Acq: 13 Nov 2018 6:45

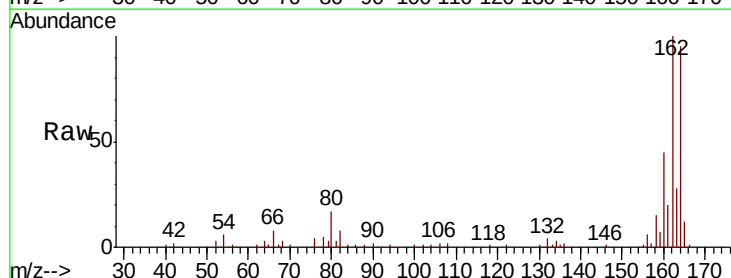
Tgt Ion: 164 Resp: 139621

Ion Ratio Lower Upper

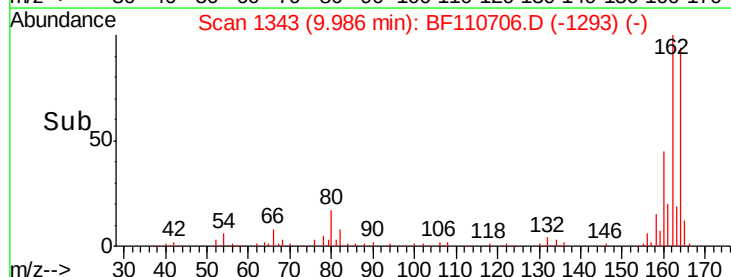
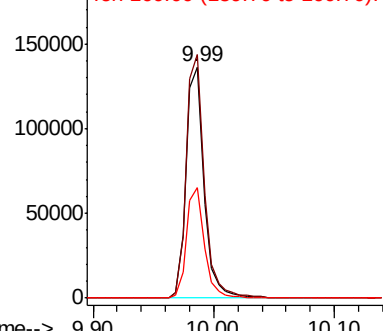
164 100

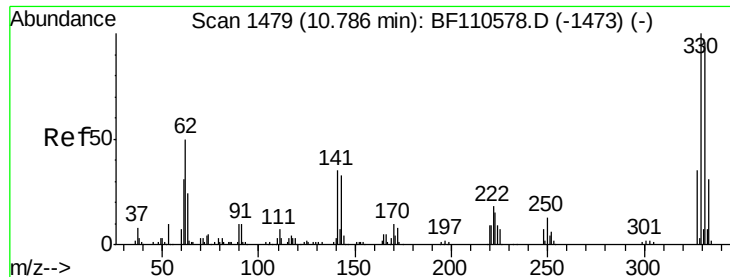
162 105.3 83.0 124.6

160 47.7 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

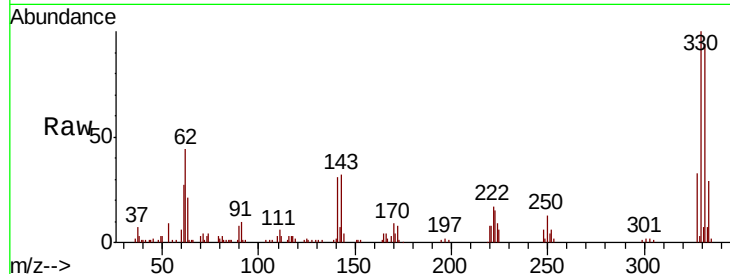




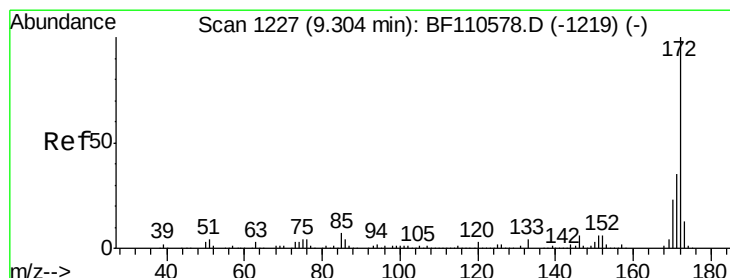
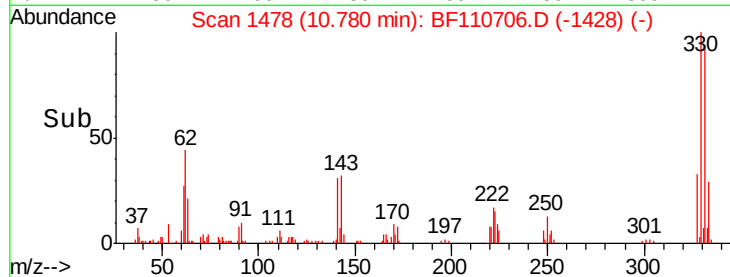
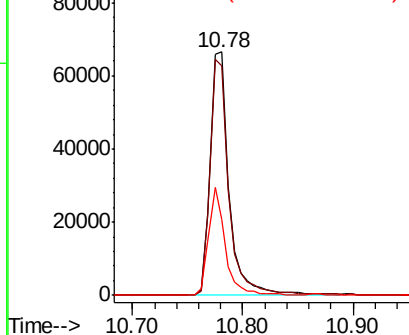
#42
 2,4,6-Tribromophenol
 Concen: 55.492 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110706.D
 Acq: 13 Nov 2018 6:45

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	38.3	27.0	40.4

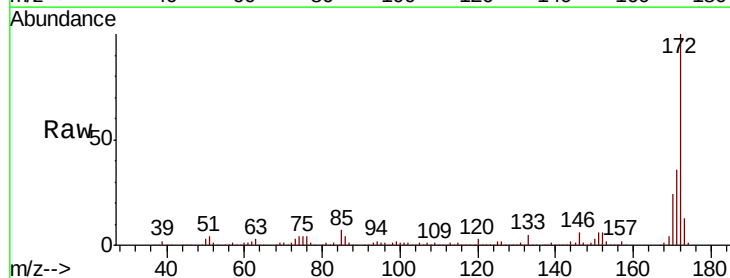


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

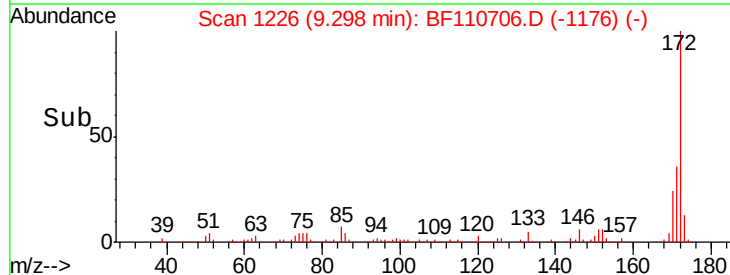
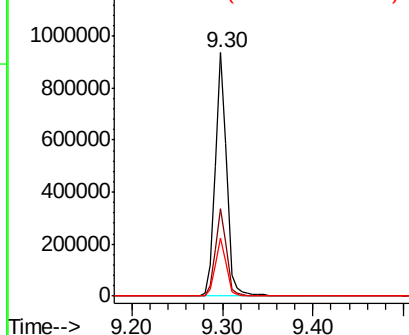


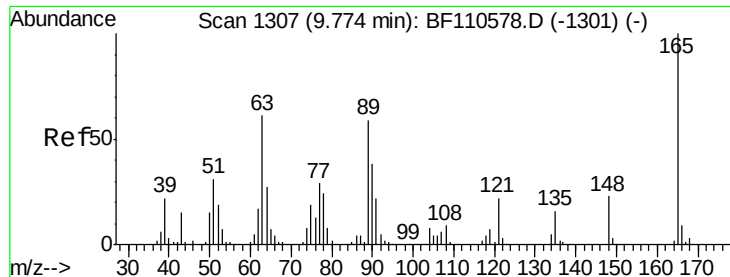
#45
 2-Fluorobiphenyl
 Concen: 84.456 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110706.D
 Acq: 13 Nov 2018 6:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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

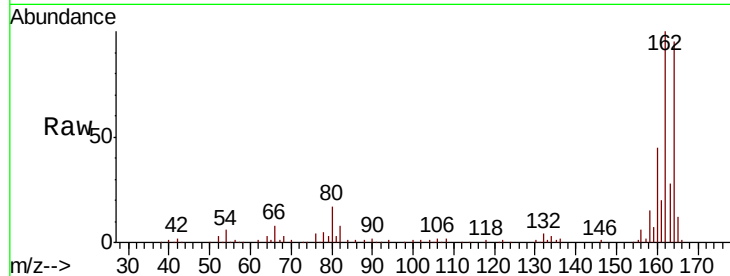




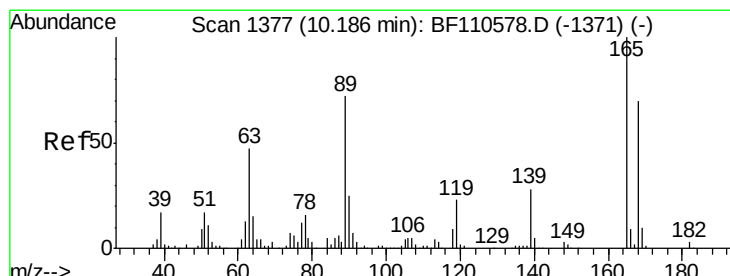
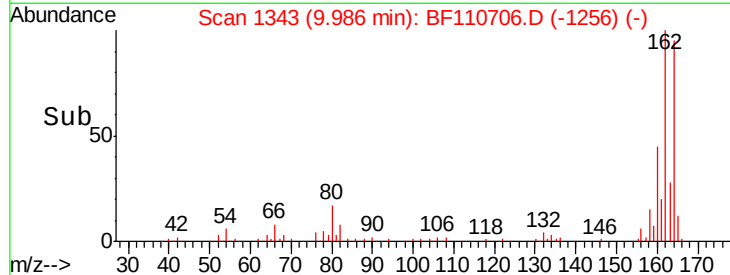
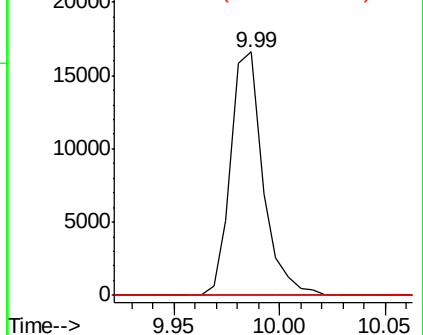
#51
 2,6-Dinitrotoluene
 Concen: 7.644 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110706.D
 Acq: 13 Nov 2018 6:45

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Tgt Ion:	165	Resp:	17518
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



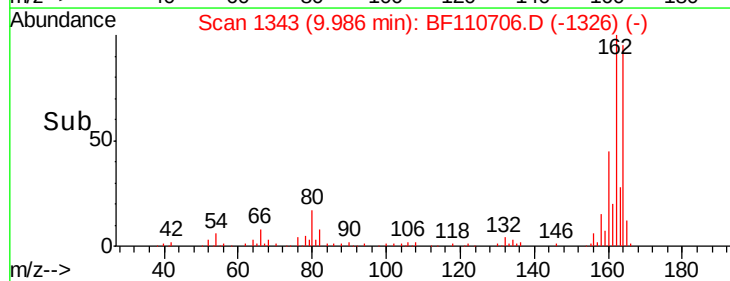
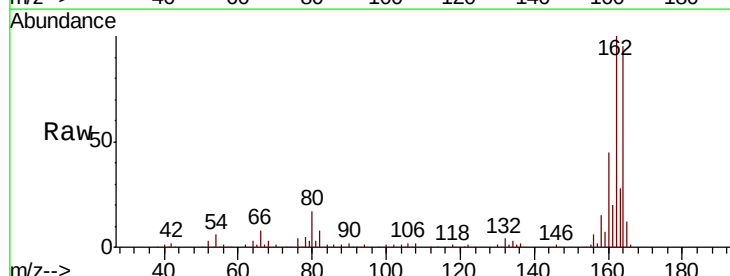
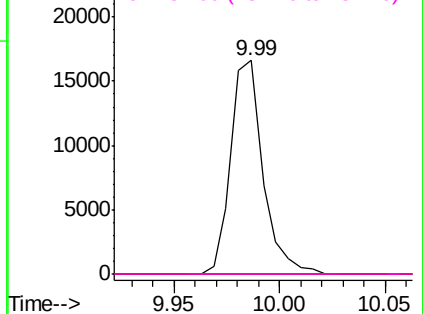
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

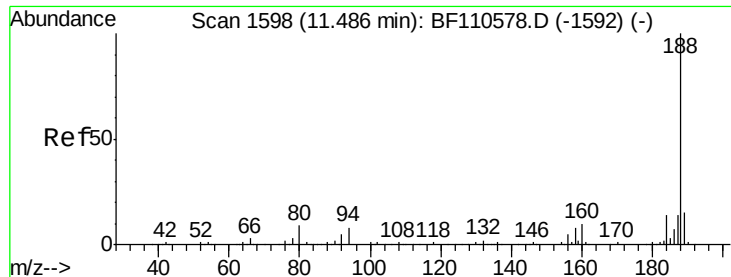


#57
 2,4-Dinitrotoluene
 Concen: 5.879 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110706.D
 Acq: 13 Nov 2018 6:45

Tgt Ion:	165	Resp:	17518
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

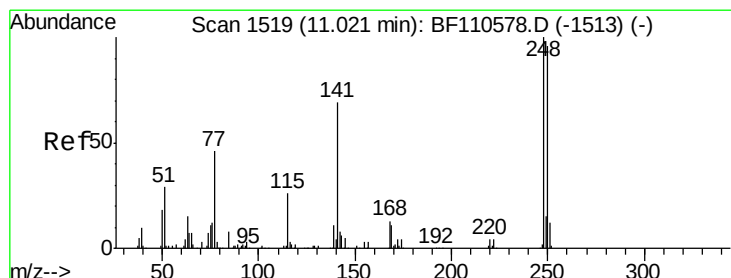
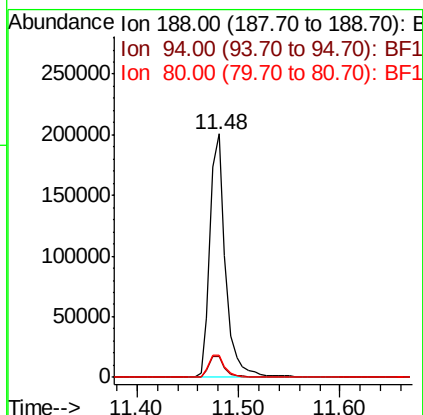
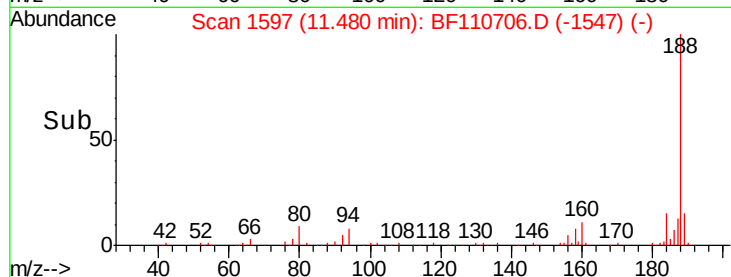
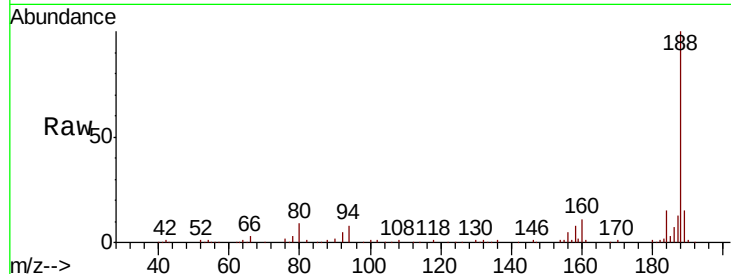




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110706.D
 Acq: 13 Nov 2018 6:45

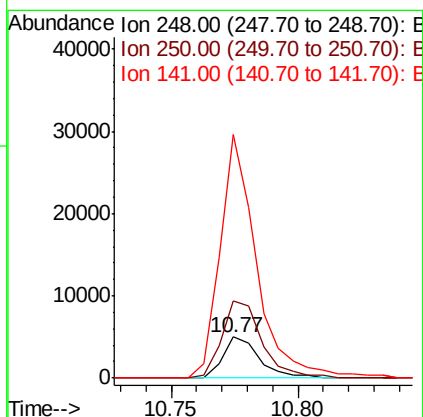
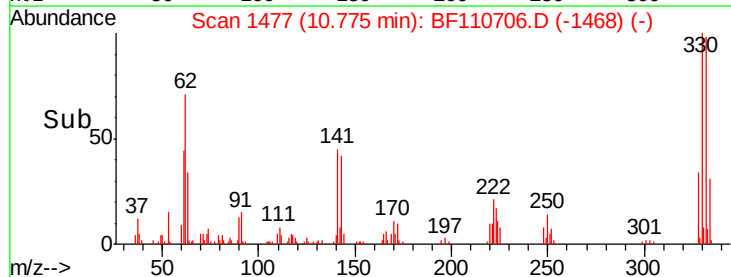
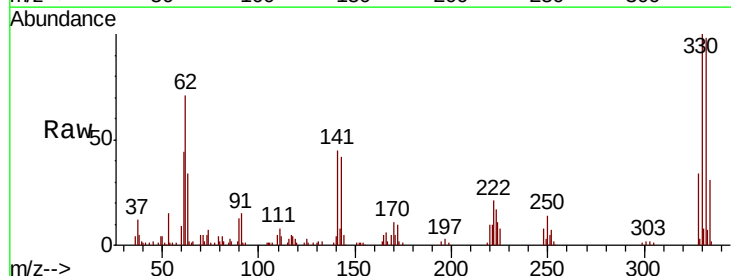
Instrument :
 BNA_F
 ClientSampleId :
 110818-JETT-E-D-B

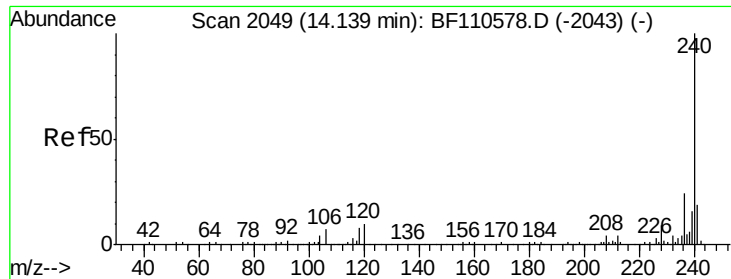
Tgt Ion:188 Resp: 215299
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.2 10.8
 80 9.1 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.082 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110706.D
 Acq: 13 Nov 2018 6:45

Tgt Ion:248 Resp: 4955
 Ion Ratio Lower Upper
 248 100
 250 189.6 79.4 119.2#
 141 593.2 55.9 83.9#

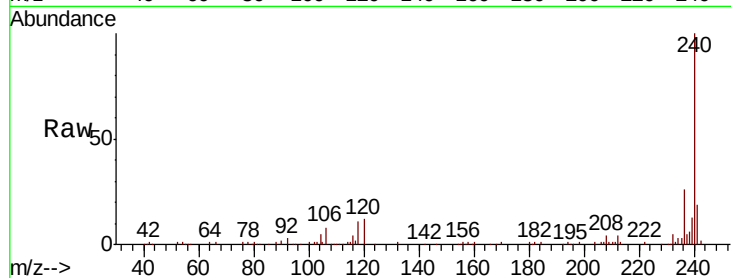




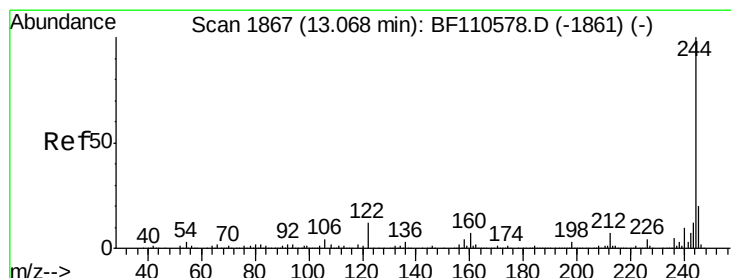
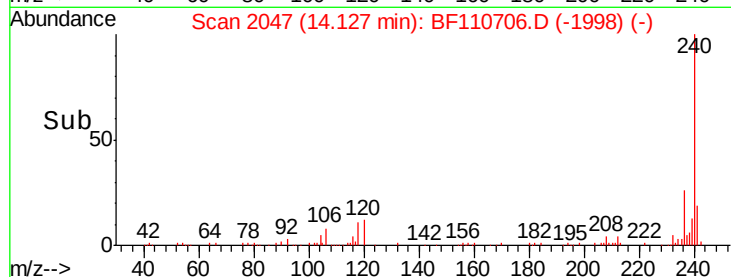
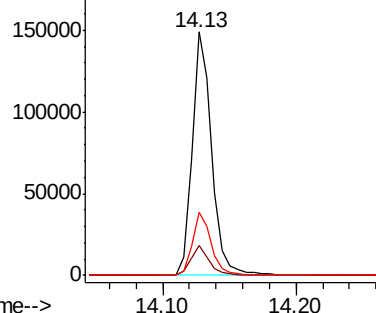
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110706.D
Acq: 13 Nov 2018 6:45

Instrument :
BNA_F
ClientSampleId :
110818-JETT-E-D-B

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.0	21.2	31.8

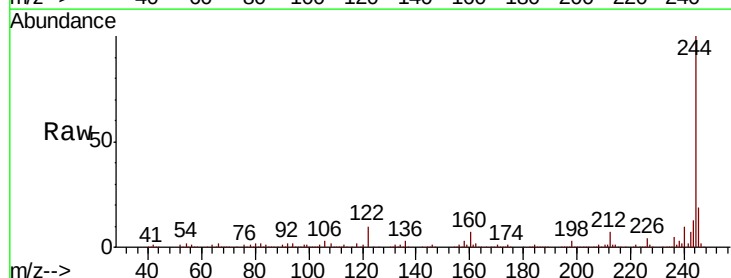


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

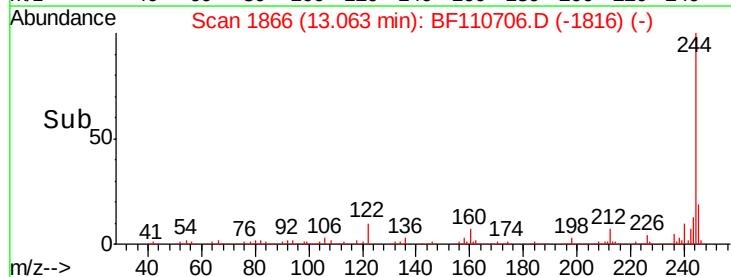
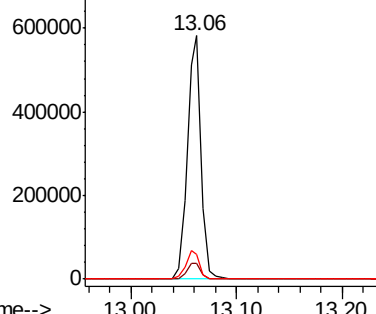


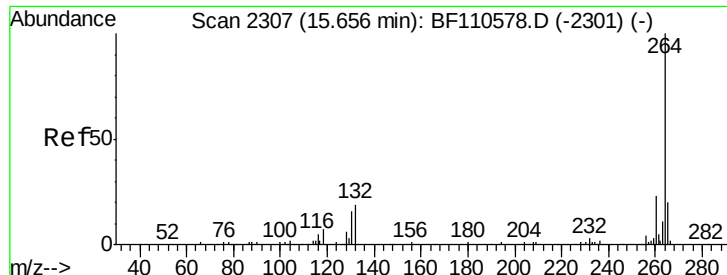
#79
Terphenyl-d14
Concen: 65.577 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110706.D
Acq: 13 Nov 2018 6:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.2	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: BF110706.D
Acq: 13 Nov 2018 6:45

Instrument :
BNA_F
ClientSampleId :
110818-JETT-E-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	20.5	16.7	25.1

