

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
 Data File : BF111069.D
 Acq On : 29 Nov 2018 3:04
 Operator : JU/SJ
 Sample : J6078-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112618-JETT-F-D-S

Quant Time: Nov 29 04:11:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

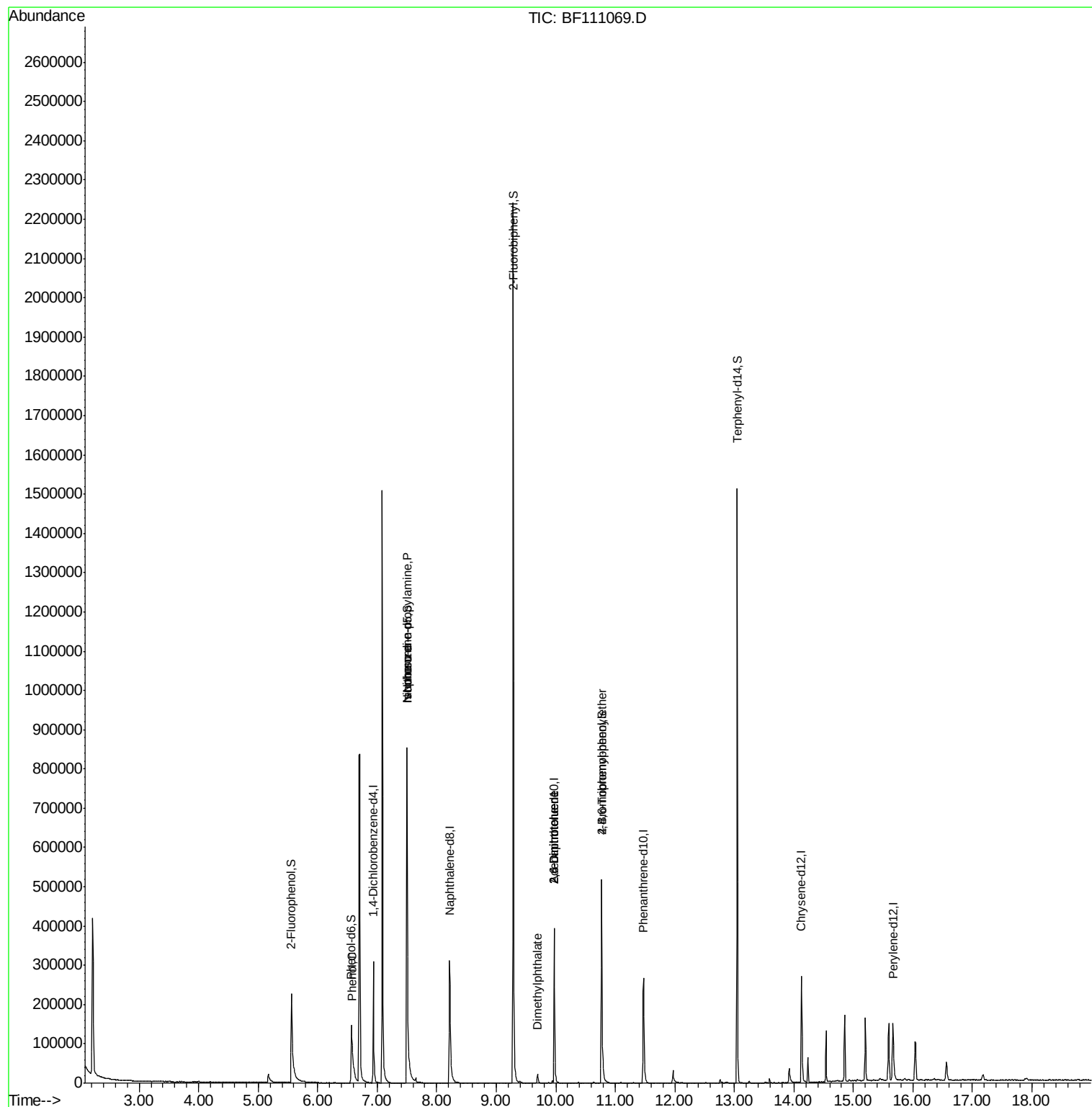
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	53939	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	226968	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	92797	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	141746	20.00	ng	0.00
76) Chrysene-d12	14.13	240	116806	20.00	ng	0.00
87) Perylene-d12	15.66	264	95614	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	128183	39.41	ng	0.00
7) Phenol-d6	6.57	99	97298	22.95	ng	0.00
23) Nitrobenzene-d5	7.50	82	385638	97.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	73897	80.18	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	694638	108.45	ng	0.00
79) Terphenyl-d14	13.05	244	481932	80.32	ng	0.00
Target Compounds						
10) Phenol	6.59	94	14010	2.935	ng	# 76
19) n-Nitroso-di-n-propylamine	7.50	70	48978	17.739	ng	# 83
25) Isophorone	7.50	82	385787	59.303	ng	# 67
50) Dimethylphthalate	9.69	163	15380	2.260	ng	# 98
51) 2,6-Dinitrotoluene	9.97	165	11710	7.729	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	11710	5.957	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4630	2.999	ng	# 1

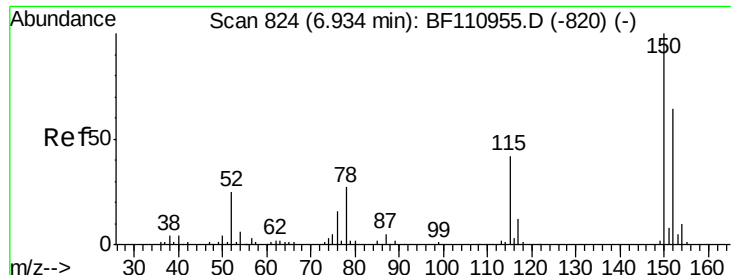
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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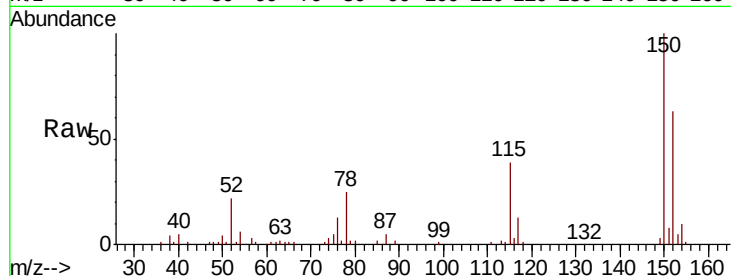


#1

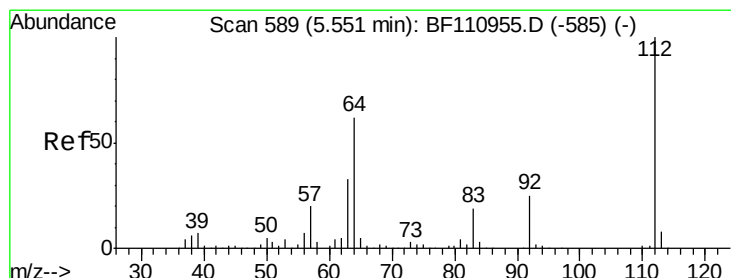
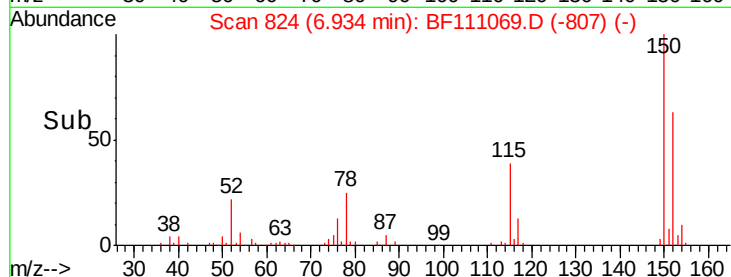
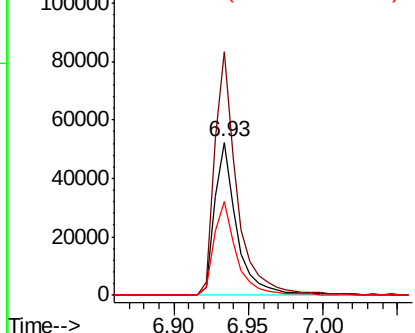
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :
112618-JETT-F-D-S

Tgt Ion:152 Resp: 53939
Ion Ratio Lower Upper
152 100
150 159.1 122.7 184.1
115 61.5 49.1 73.7



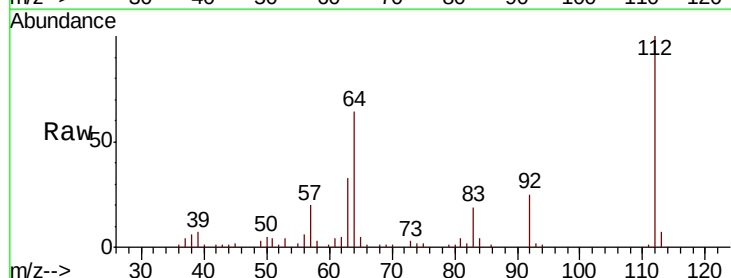
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



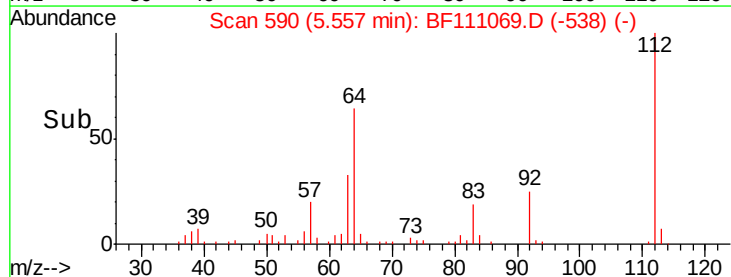
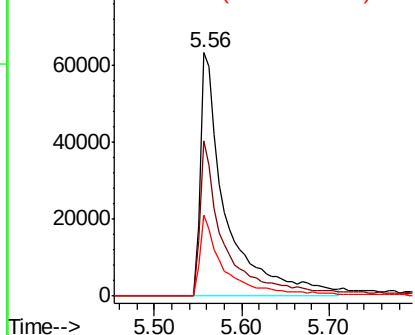
#5

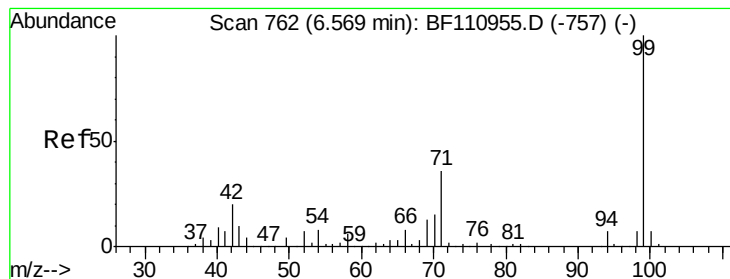
2-Fluorophenol
Concen: 39.409 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

Tgt Ion:112 Resp: 128183
Ion Ratio Lower Upper
112 100
64 63.6 44.1 66.1
63 33.1 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: 22.955 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111069.D

Acq: 29 Nov 2018 3:04

Instrument :

BNA_F

ClientSampleId :

112618-JETT-F-D-S

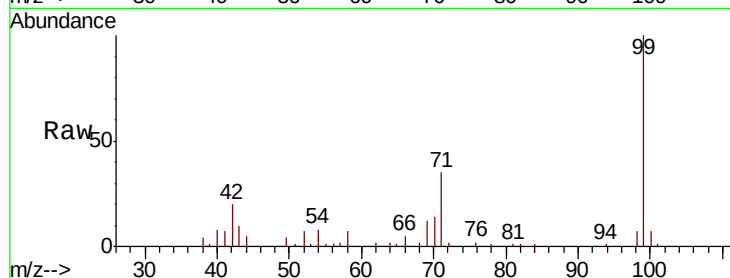
Tgt Ion: 99 Resp: 97298

Ion Ratio Lower Upper

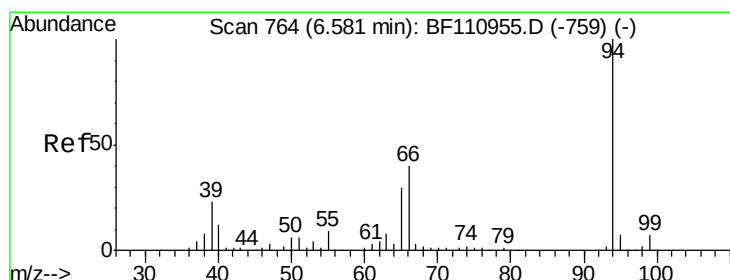
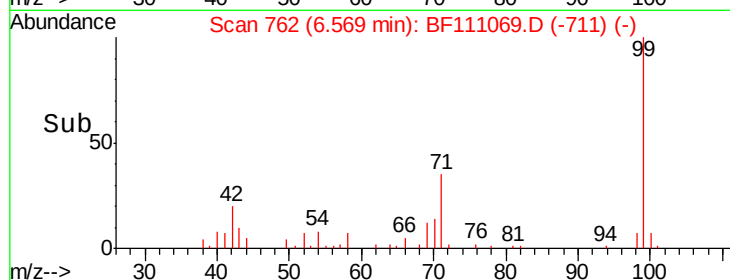
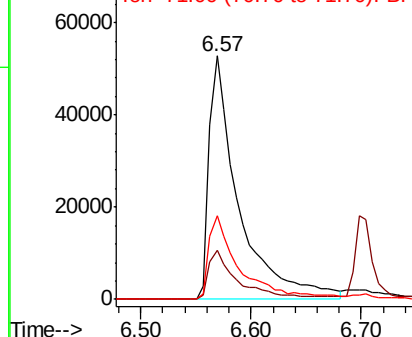
99 100

42 20.2 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



#10

Phenol

Concen: 2.935 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111069.D

Acq: 29 Nov 2018 3:04

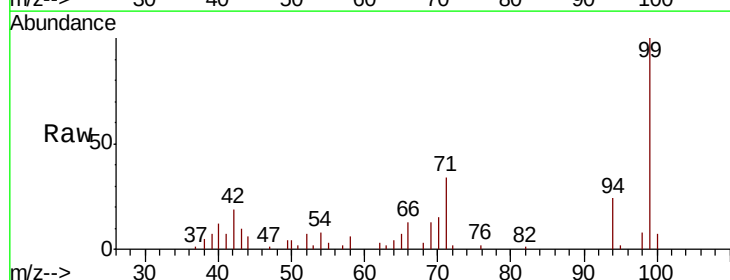
Tgt Ion: 94 Resp: 14010

Ion Ratio Lower Upper

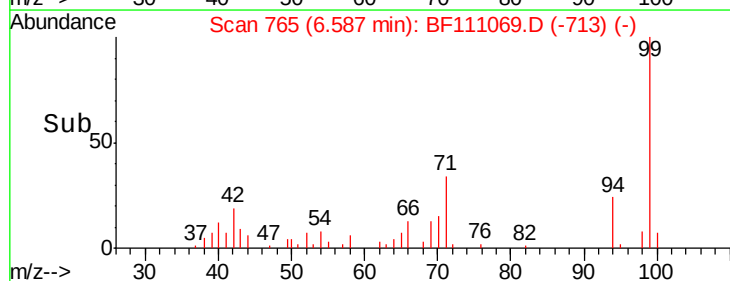
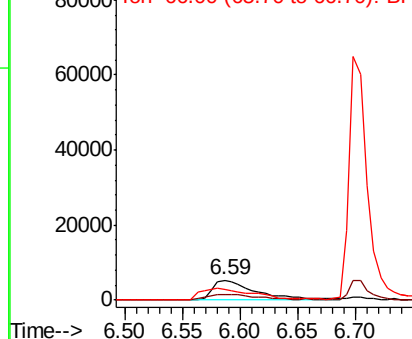
94 100

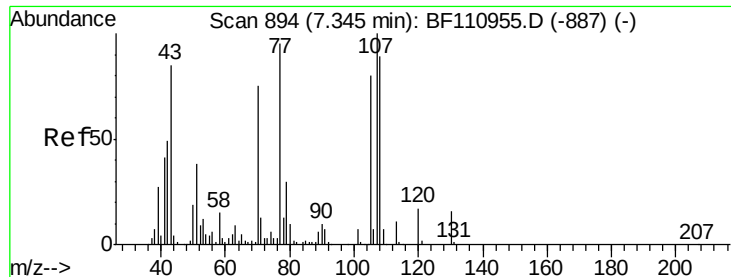
65 28.7 25.3 65.3

66 54.2 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

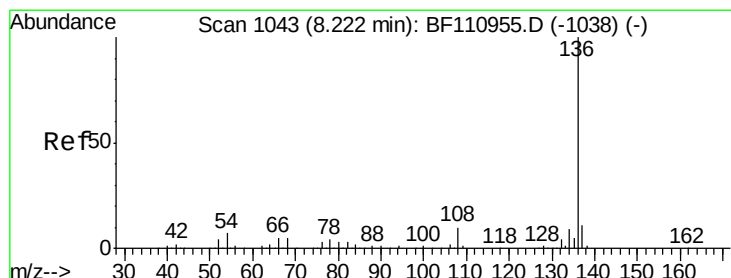
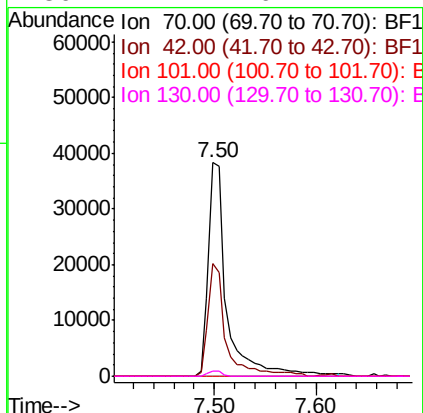
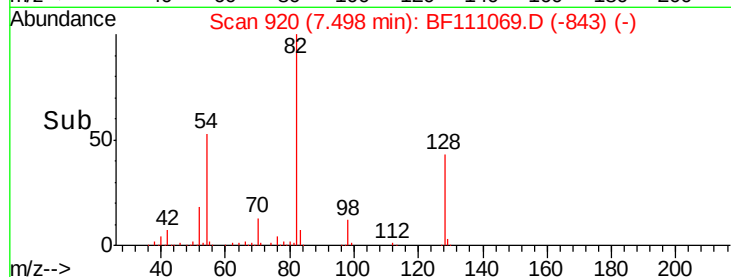
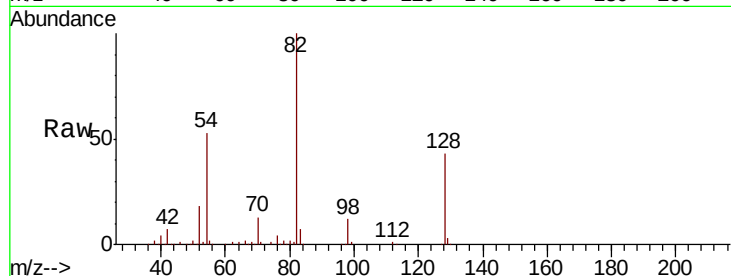




#19
n-Nitroso-di-n-propylamine
Concen: 17.739 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

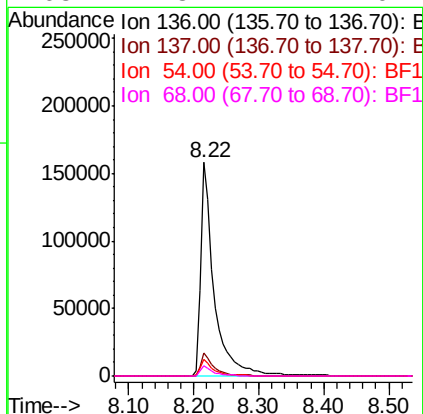
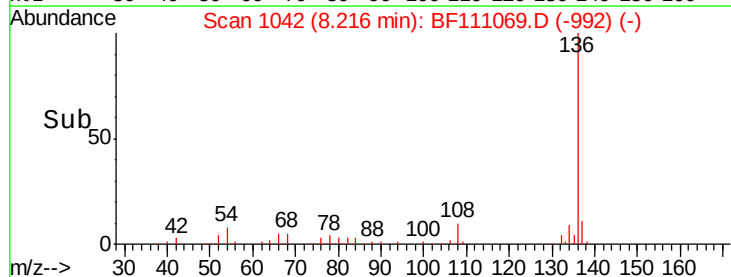
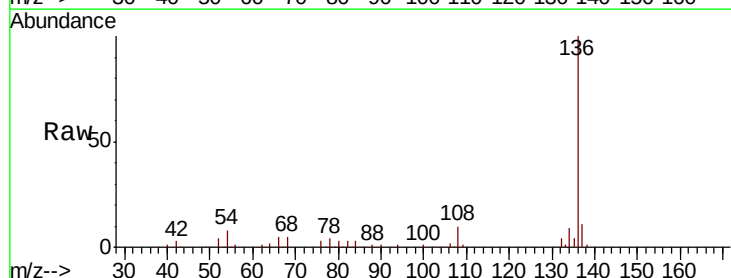
Instrument :
BNA_F
ClientSampleId :
112618-JETT-F-D-S

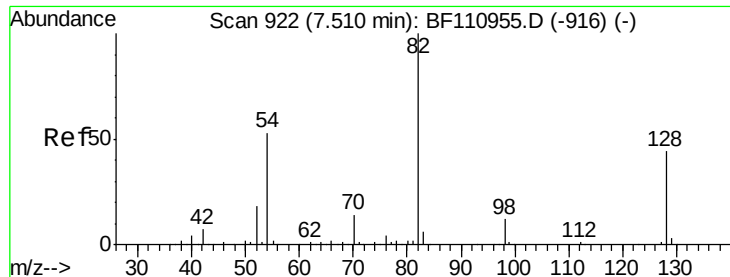
Tgt Ion: 70 Resp: 48978
Ion Ratio Lower Upper
70 100
42 52.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

Tgt Ion: 136 Resp: 226968
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 5.4 8.2
68 4.8 4.2 6.2

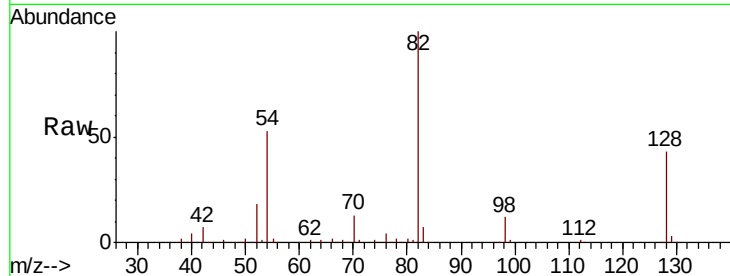




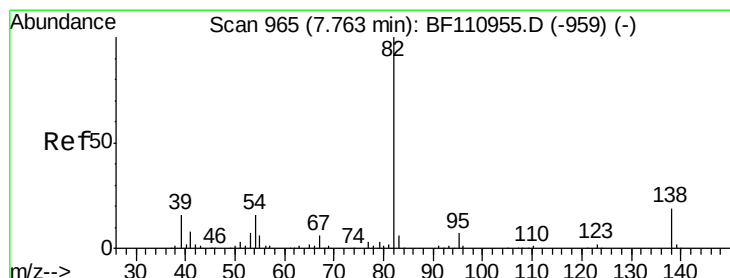
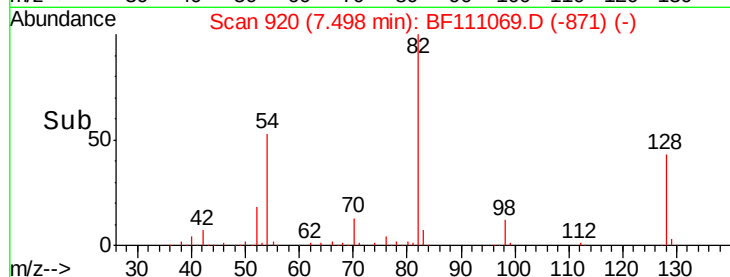
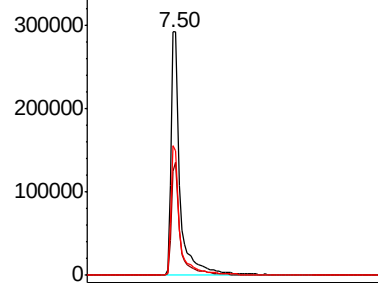
#23
 Nitrobenzene-d5
 Concen: 97.240 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF111069.D
 Acq: 29 Nov 2018 3:04

Instrument :
 BNA_F
 ClientSampleId :
 112618-JETT-F-D-S

Tgt Ion: 82 Resp: 385638
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.2 51.2
 54 53.1 38.6 58.0

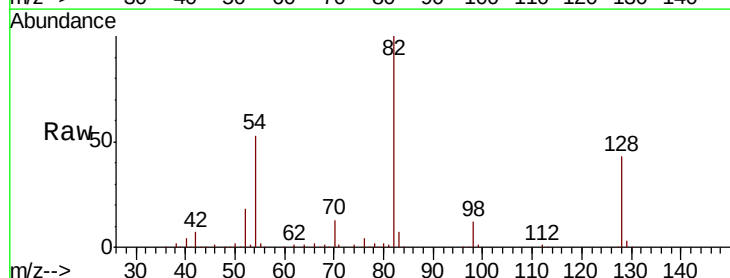


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

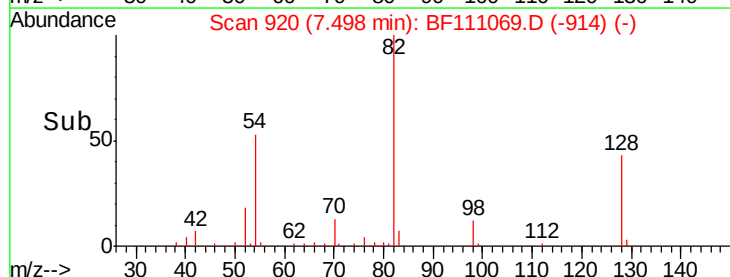
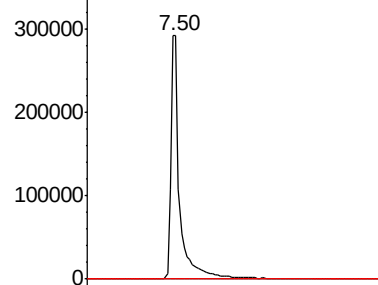


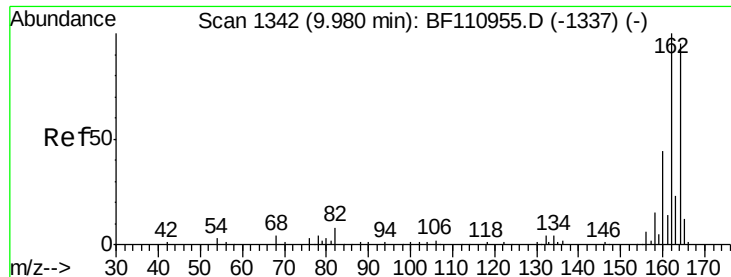
#25
 Isophorone
 Concen: 59.303 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.26 min
 Lab File: BF111069.D
 Acq: 29 Nov 2018 3:04

Tgt Ion: 82 Resp: 385787
 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

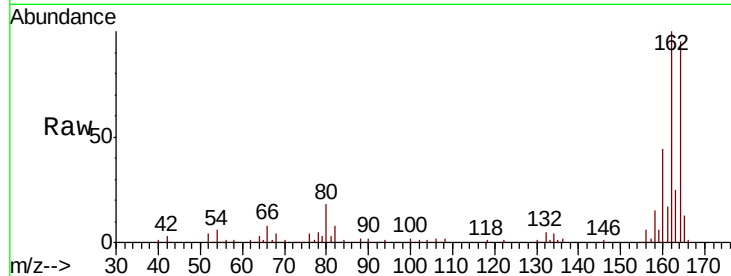




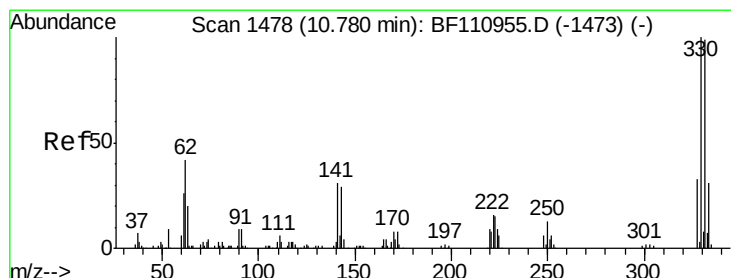
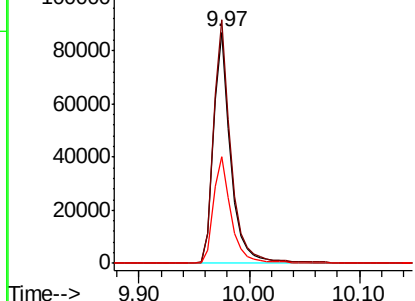
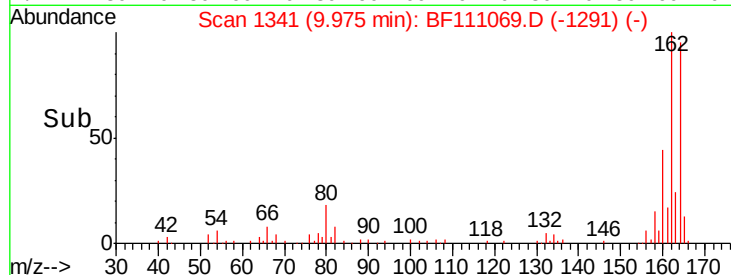
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :
112618-JETT-F-D-S

Tgt Ion:164 Resp: 92797
Ion Ratio Lower Upper
164 100
162 105.2 83.0 124.6
160 46.3 37.0 55.6

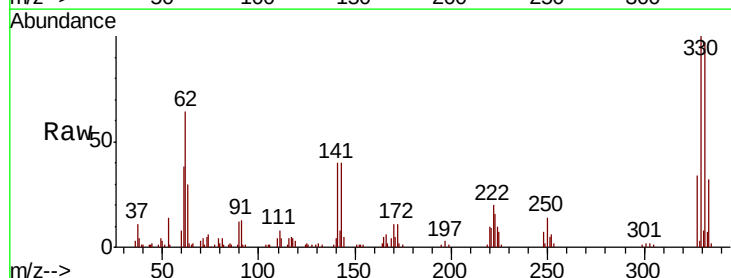


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

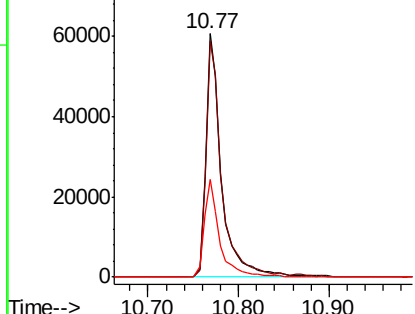
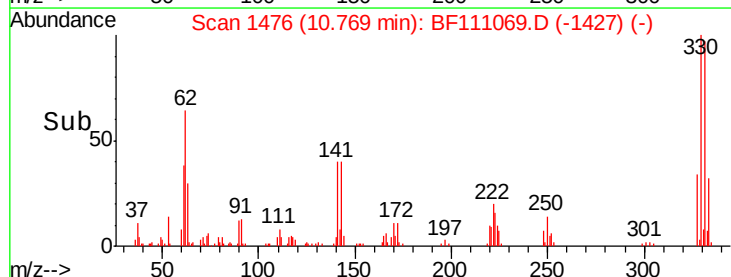


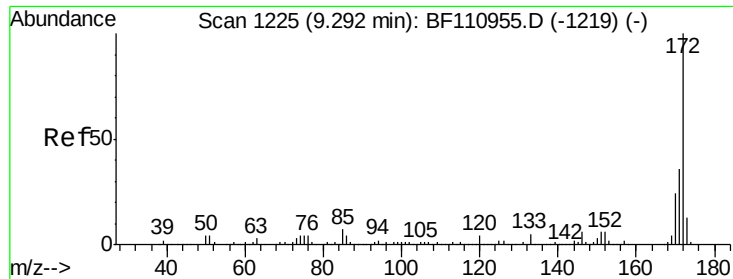
#42
2,4,6-Tribromophenol
Concen: 80.183 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

Tgt Ion:330 Resp: 73897
Ion Ratio Lower Upper
330 100
332 98.6 77.1 115.7
141 38.7 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

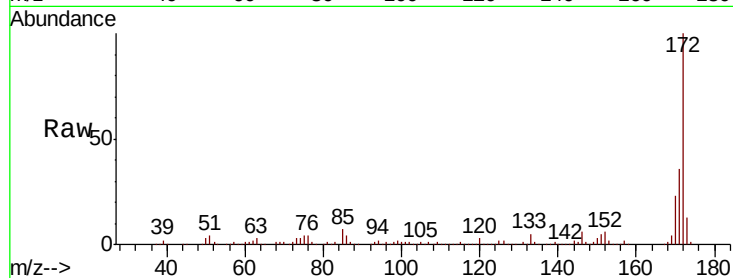




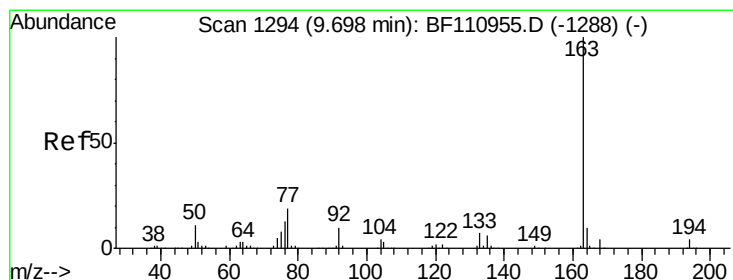
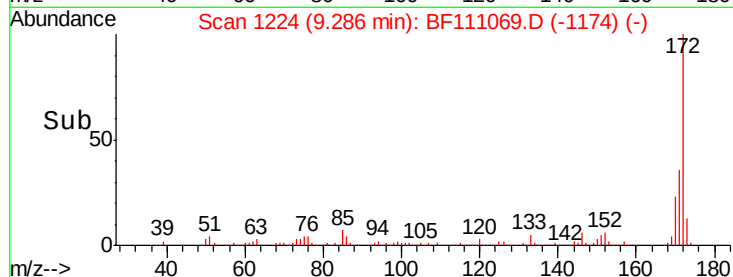
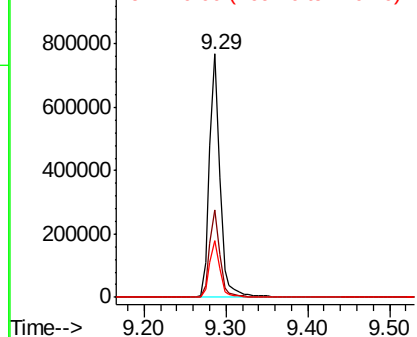
#45
2-Fluorobiphenyl
Concen: 108.449 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

Instrument :
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ClientSampleId :
112618-JETT-F-D-S

Tgt Ion:172 Resp: 694638
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.2 19.7 29.5

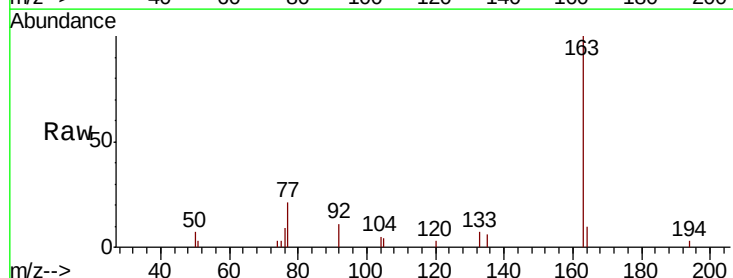


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

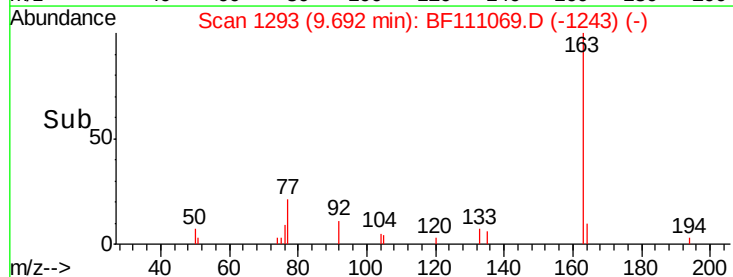
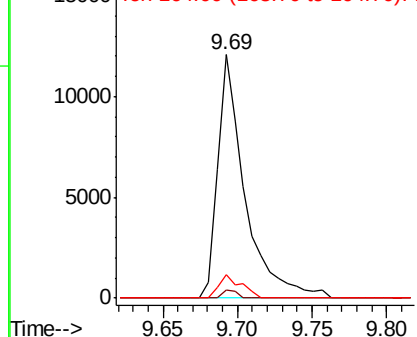


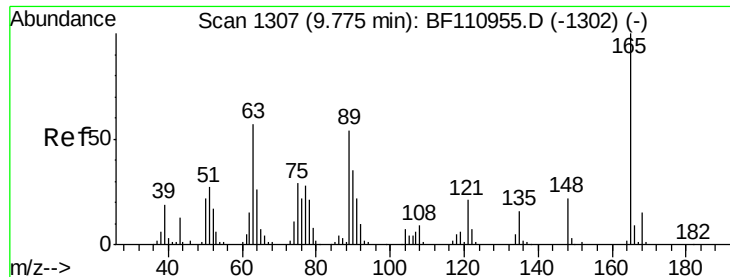
#50
Dimethylphthalate
Concen: 2.260 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

Tgt Ion:163 Resp: 15380
Ion Ratio Lower Upper
163 100
194 3.1 3.2 4.8#
164 9.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.729 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.20 min

Lab File: BF111069.D

Acq: 29 Nov 2018 3:04

Instrument :

BNA_F

ClientSampleId :

112618-JETT-F-D-S

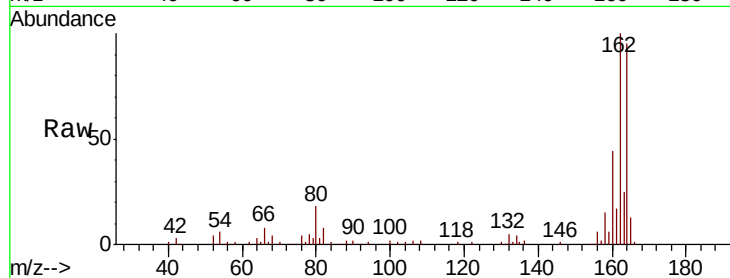
Tgt Ion:165 Resp: 11710

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

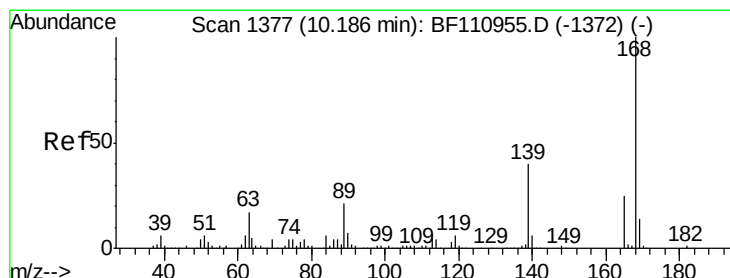
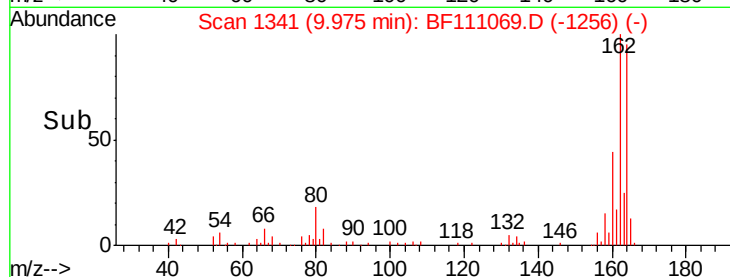
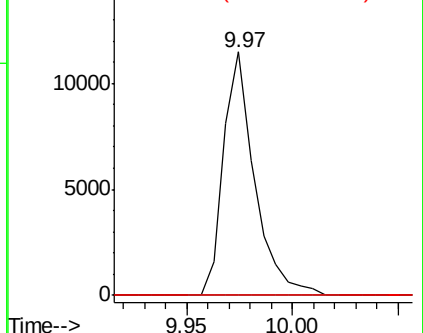
89 0.0 46.6 69.8#



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: 5.957 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.21 min

Lab File: BF111069.D

Acq: 29 Nov 2018 3:04

Tgt Ion:165 Resp: 11710

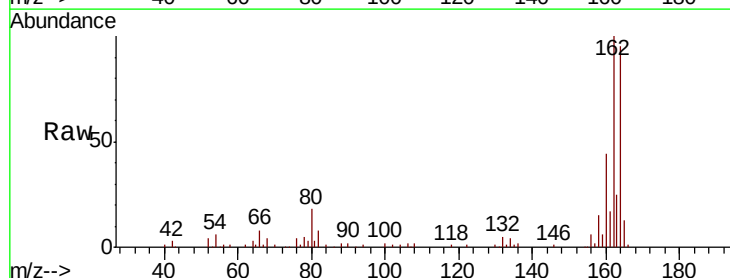
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

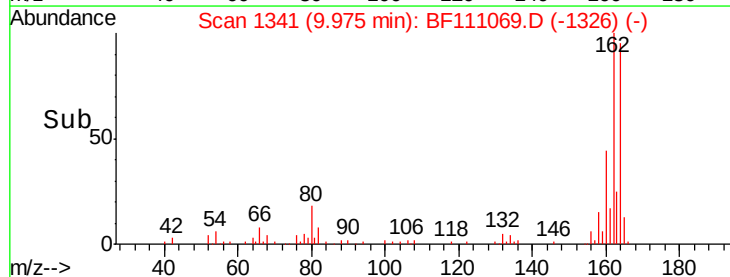
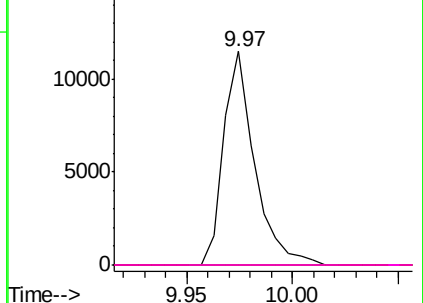


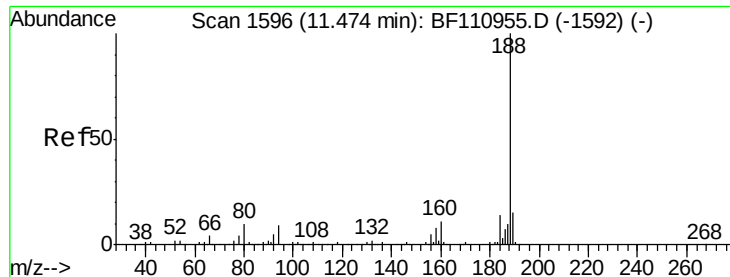
Abundance Ion 165.00 (164.70 to 165.70): E

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

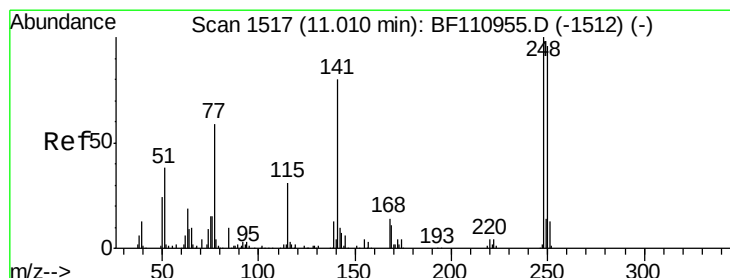
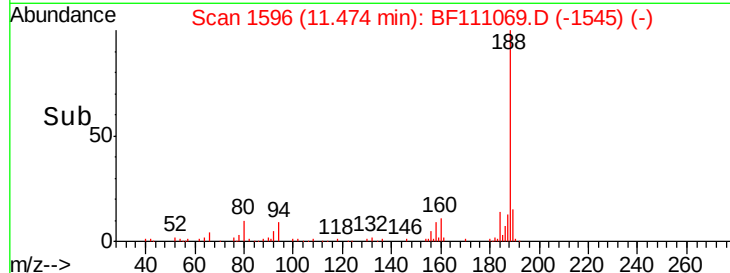
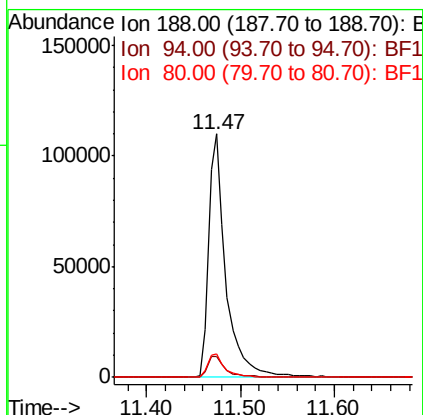
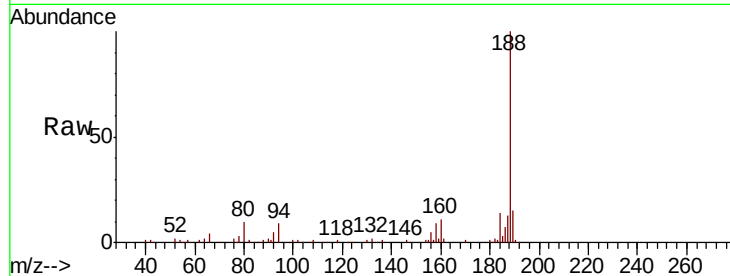




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

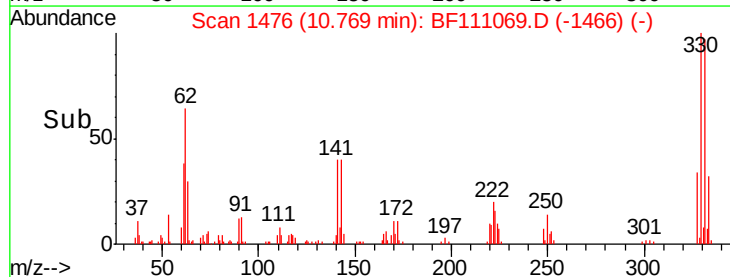
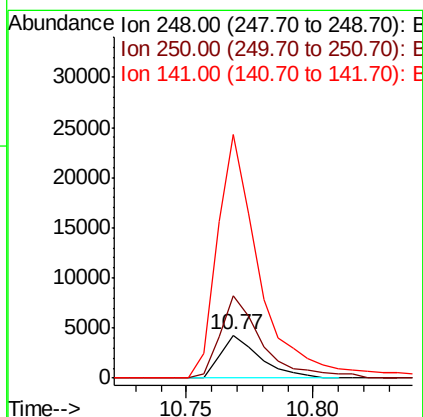
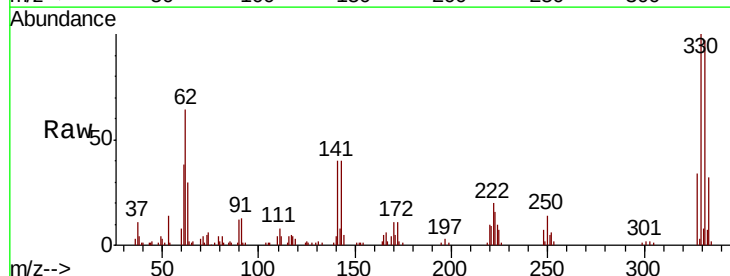
Instrument :
BNA_F
ClientSampleId :
112618-JETT-F-D-S

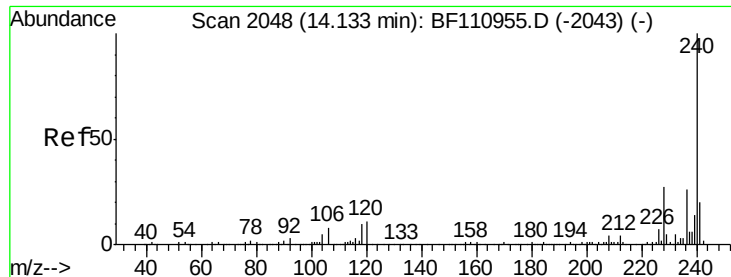
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.9	7.9	11.9



#67
4-Bromophenyl-phenylether
Concen: 2.999 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.24 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.1	79.4	119.2#
141	571.3	55.9	83.9#

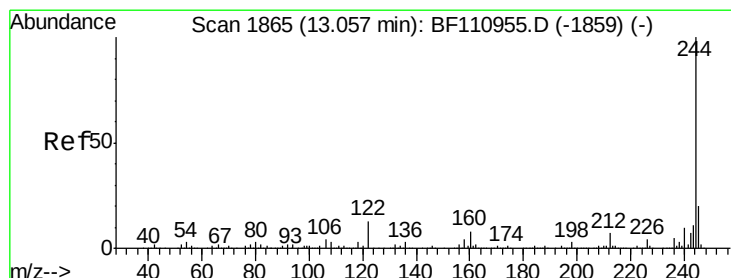
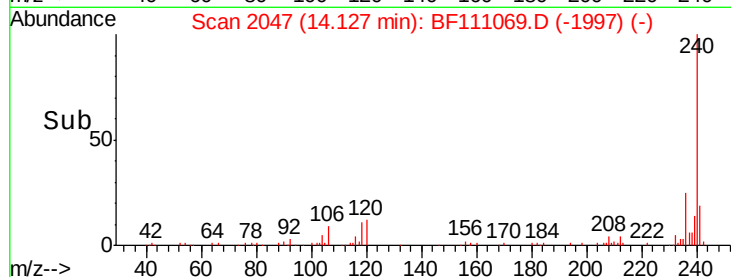
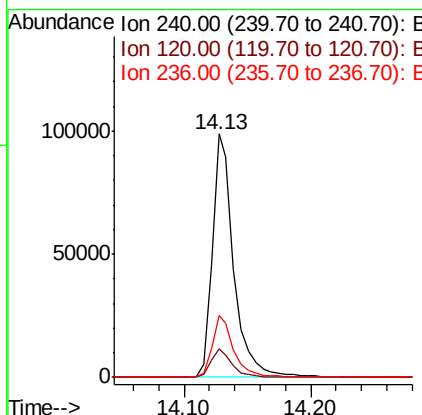
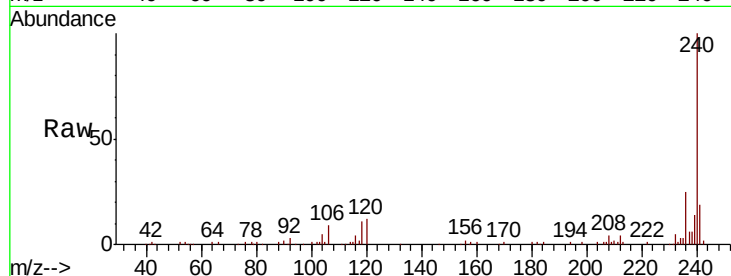




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF111069.D
 Acq: 29 Nov 2018 3:04

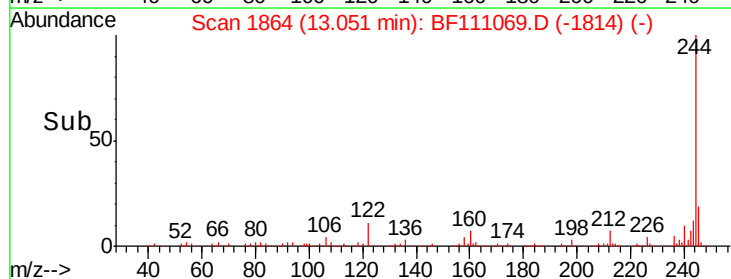
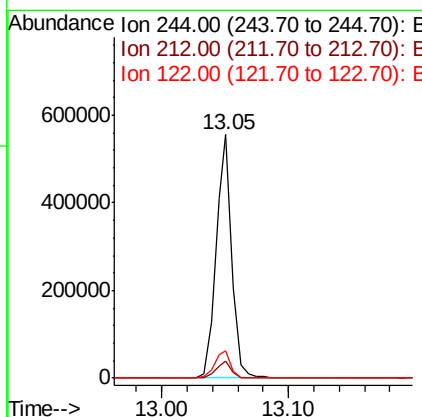
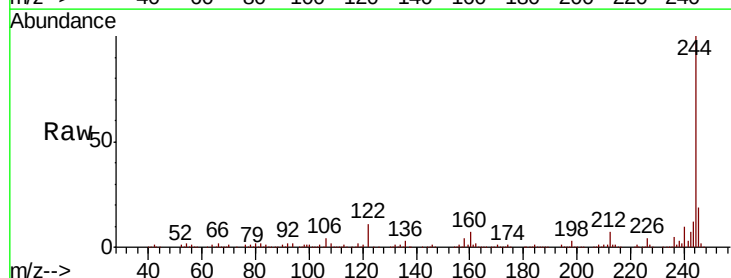
Instrument :
 BNA_F
 ClientSampleId :
 112618-JETT-F-D-S

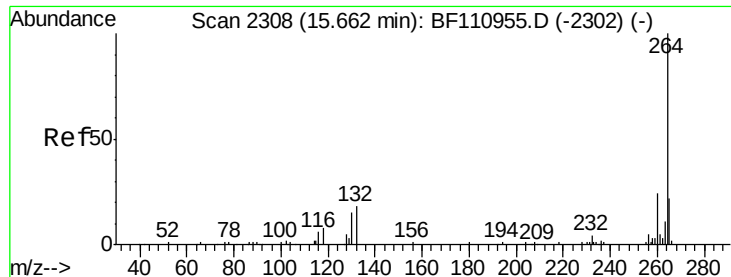
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.3	21.2	31.8



#79
 Terphenyl-d14
 Concen: 80.317 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF111069.D
 Acq: 29 Nov 2018 3:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.4	8.7	13.1

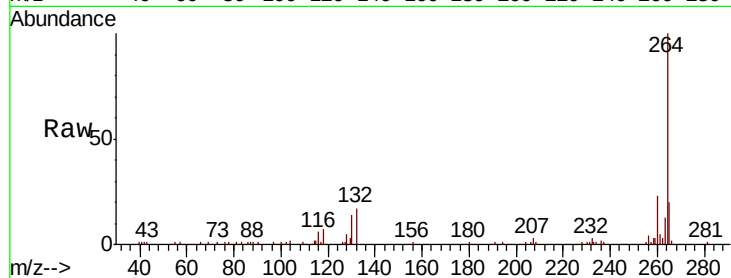




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111069.D
Acq: 29 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :
112618-JETT-F-D-S

Tgt Ion: 264 Resp: 95614
Ion Ratio Lower Upper
264 100
260 22.5 18.7 28.1
265 19.9 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

