

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111354.D
 Acq On : 13 Dec 2018 6:40
 Operator : JU/SJ
 Sample : J6326-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120618-JETT-F-D-S

Quant Time: Dec 13 07:39:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	178403	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	757447	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	304751	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	506041	20.00	ng	0.00
76) Chrysene-d12	13.95	240	323001	20.00	ng	0.00
87) Perylene-d12	15.39	264	240809	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	494598	46.88	ng	0.00
7) Phenol-d6	6.42	99	374508	26.33	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1191959	88.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	197301	73.44	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2057210	108.38	ng	0.00
79) Terphenyl-d14	12.90	244	1642493	111.92	ng	0.00

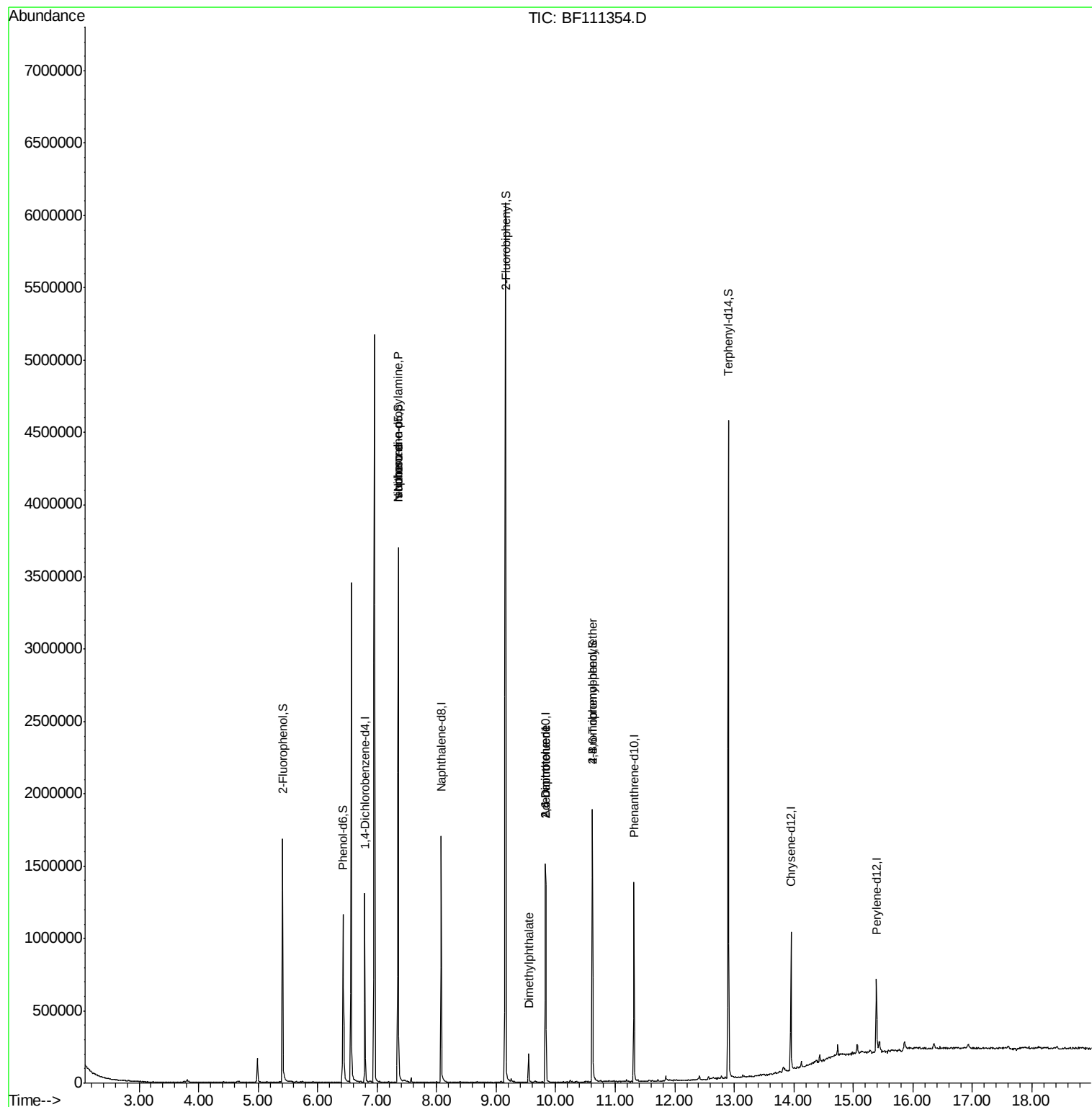
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	1315	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.35	70	152603	16.145	ng	# 78
25) Isophorone	7.35	82	1177459	51.581	ng	# 64
50) Dimethylphthalate	9.55	163	79431	3.625	ng	# 97
51) 2,6-Dinitrotoluene	9.83	165	39888	8.211	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	39888	6.407	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	12481	2.216	ng	# 1

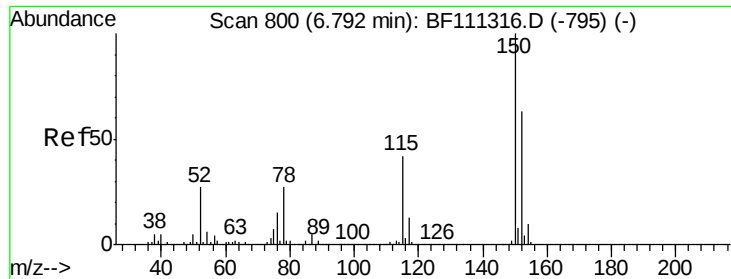
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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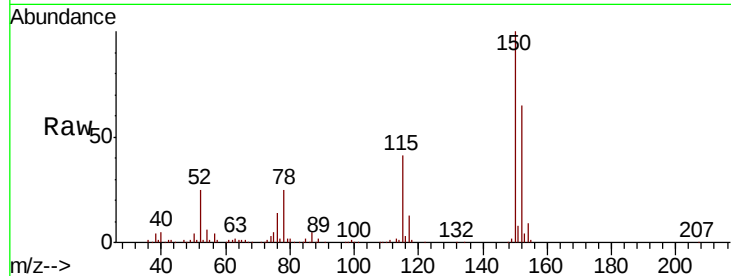


#1

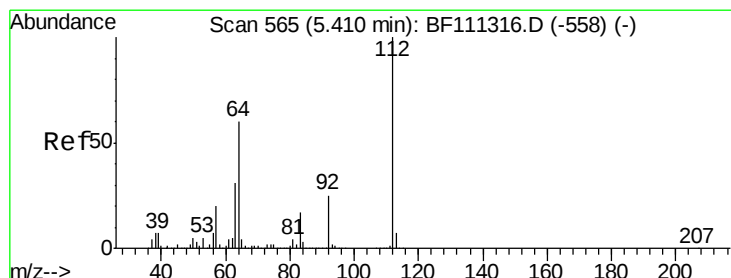
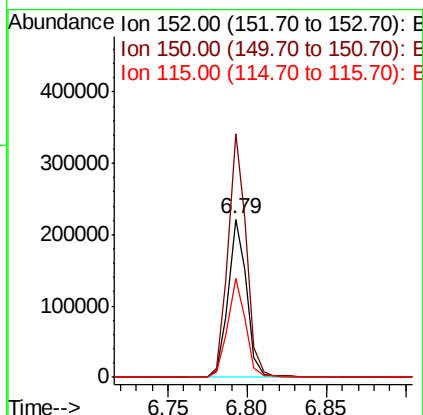
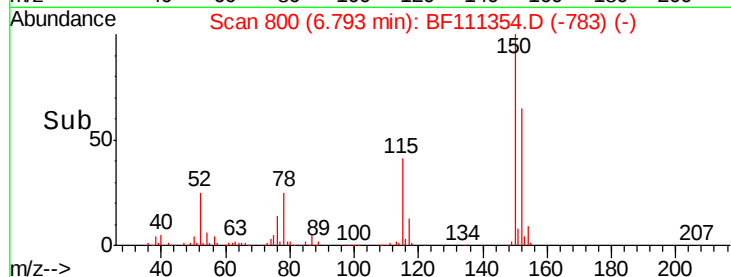
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111354.D
Acq: 13 Dec 2018 6:40

Instrument :
BNA_F
ClientSampleId :
120618-JETT-F-D-S

Tgt Ion:152 Resp: 178403
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 62.5 50.7 76.1



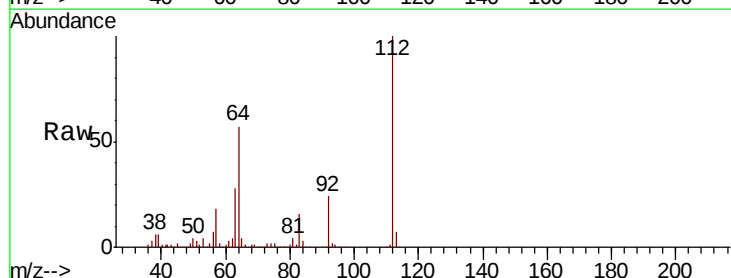
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



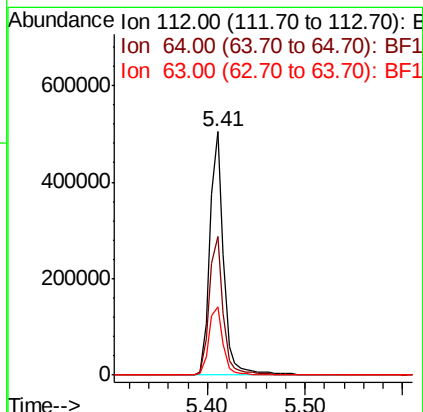
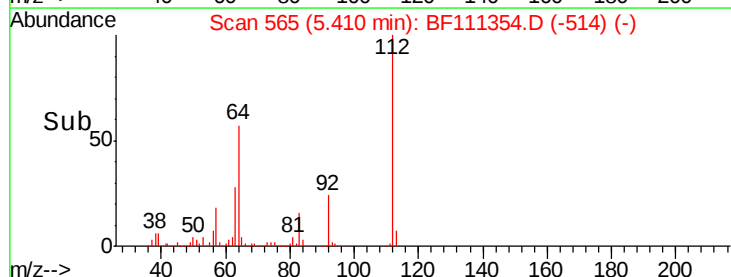
#5

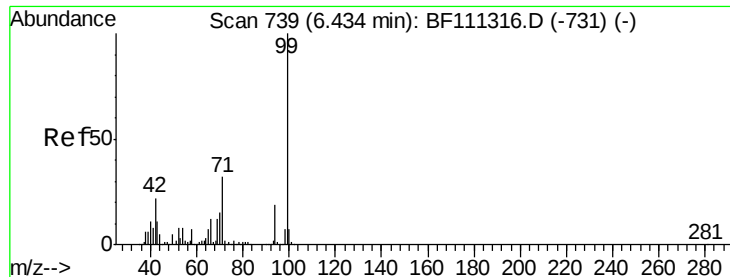
2-Fluorophenol
Concen: 46.882 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF111354.D
Acq: 13 Dec 2018 6:40

Tgt Ion:112 Resp: 494598
Ion Ratio Lower Upper
112 100
64 56.7 51.8 77.6
63 28.1 26.8 40.2



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: 26.329 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111354.D

Acq: 13 Dec 2018 6:40

Instrument :

BNA_F

ClientSampleId :

120618-JETT-F-D-S

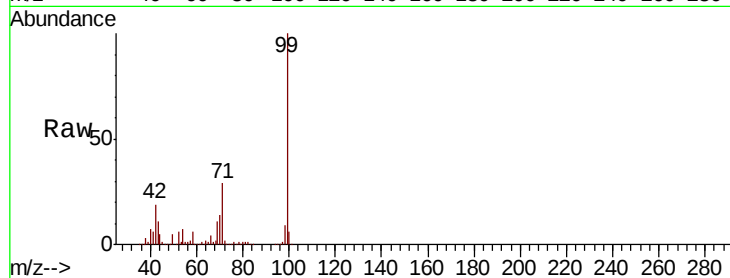
Tgt Ion: 99 Resp: 374508

Ion Ratio Lower Upper

99 100

42 19.5 17.4 26.0

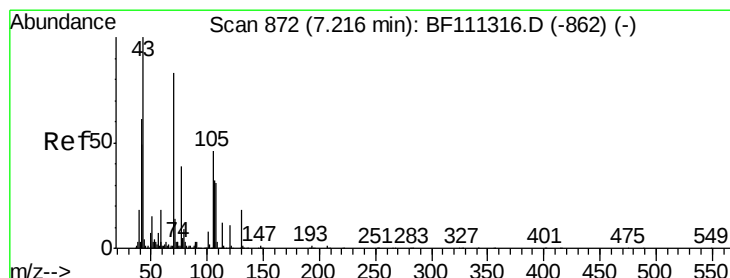
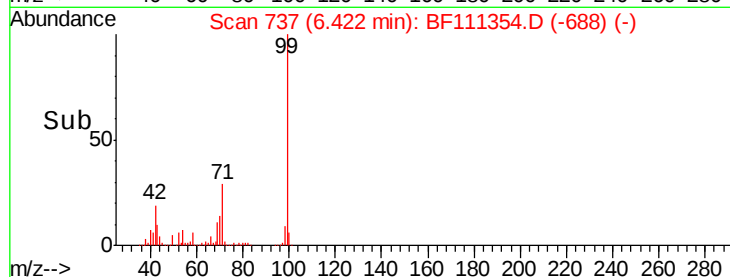
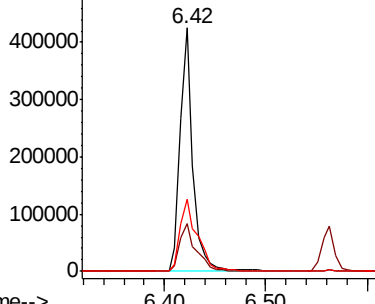
71 29.4 26.1 39.1



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: 16.145 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111354.D

Acq: 13 Dec 2018 6:40

Tgt Ion: 70 Resp: 152603

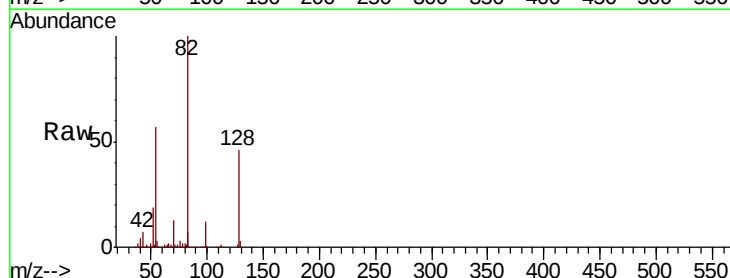
Ion Ratio Lower Upper

70 100

42 54.7 53.2 79.8

101 0.0 8.2 12.4#

130 2.6 18.1 27.1#

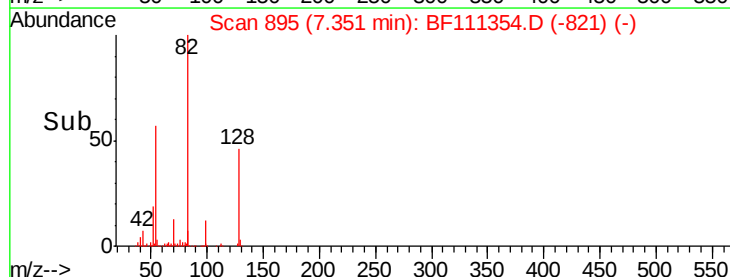
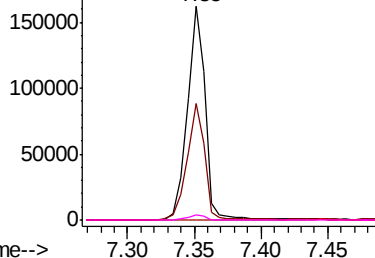


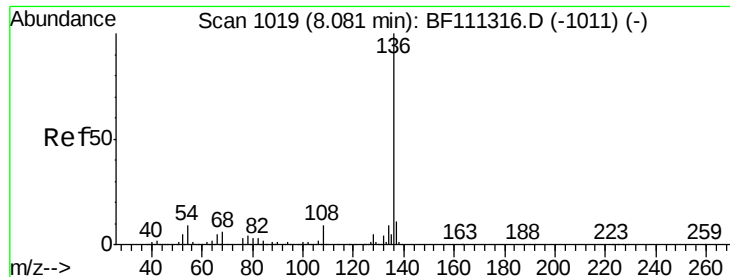
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

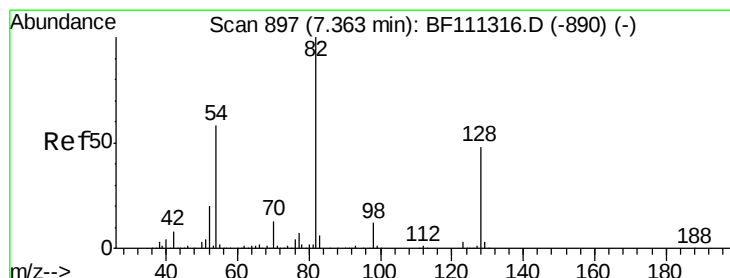
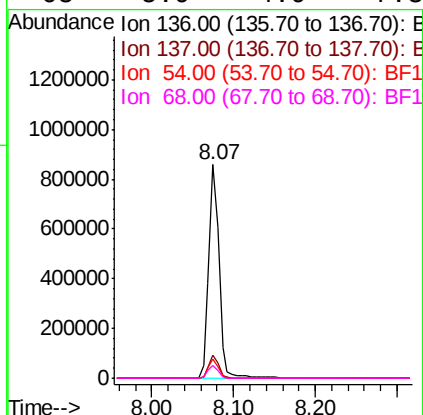
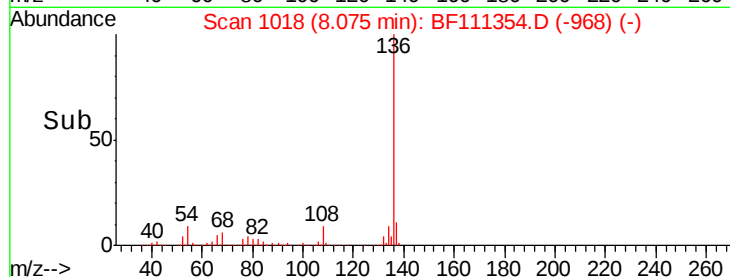
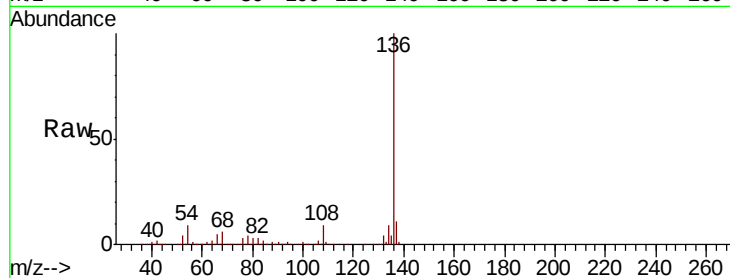




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111354.D
Acq: 13 Dec 2018 6:40

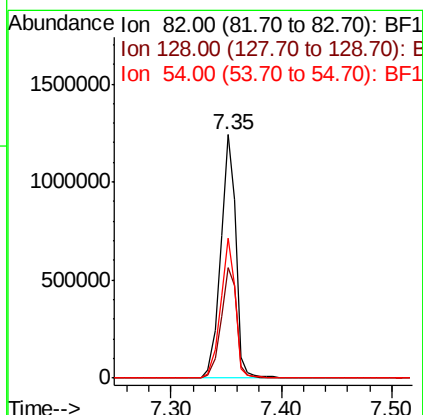
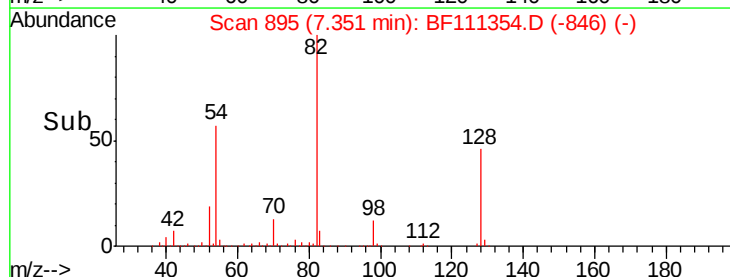
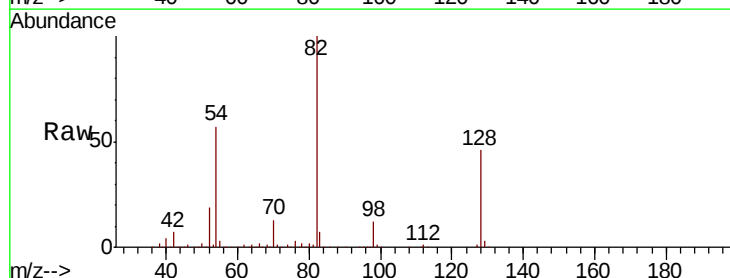
Instrument :
BNA_F
ClientSampleId :
120618-JETT-F-D-S

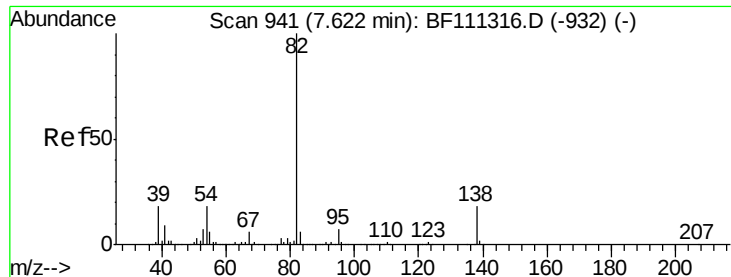
Tgt Ion:	136	Resp:	757447
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.1	7.7	11.5
68	5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 88.696 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111354.D
Acq: 13 Dec 2018 6:40

Tgt Ion:	82	Resp:	1191959
Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.4	56.2
54	57.2	47.6	71.4





#25

Isophorone

Concen: 51.581 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF111354.D

Acq: 13 Dec 2018 6:40

Instrument :

BNA_F

ClientSampleId :

120618-JETT-F-D-S

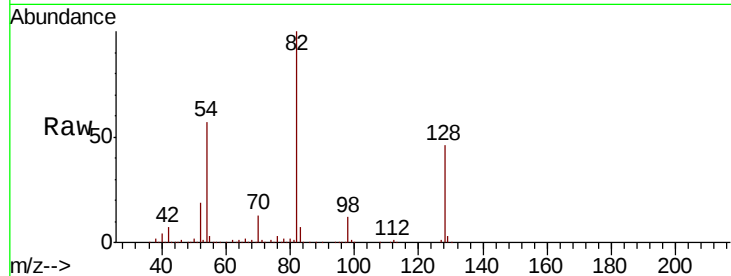
Tgt Ion: 82 Resp: 1177459

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

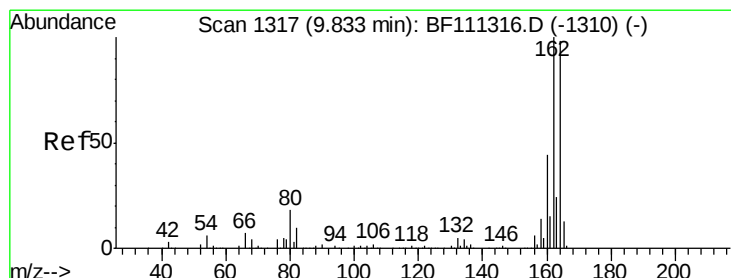
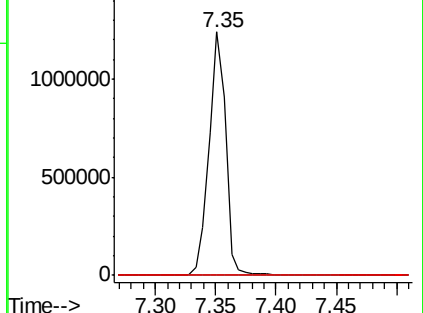
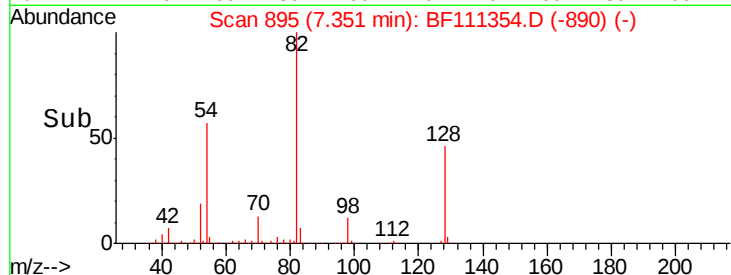
138 0.0 15.1 22.7#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111354.D

Acq: 13 Dec 2018 6:40

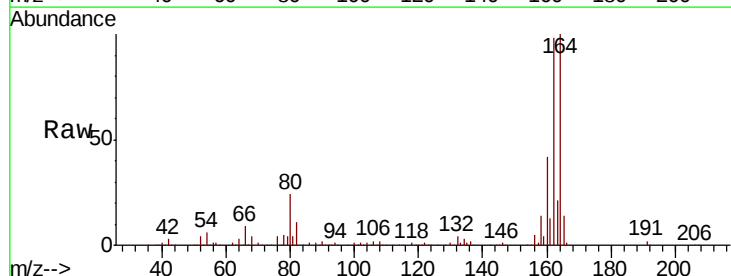
Tgt Ion: 164 Resp: 304751

Ion Ratio Lower Upper

164 100

162 98.3 81.4 122.0

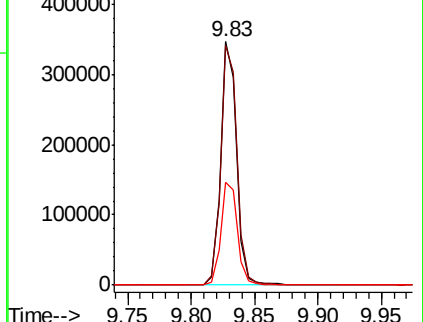
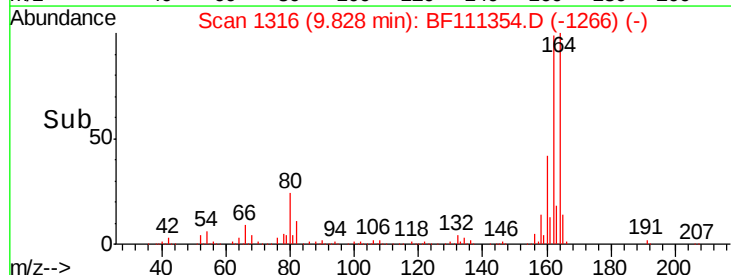
160 42.0 35.7 53.5

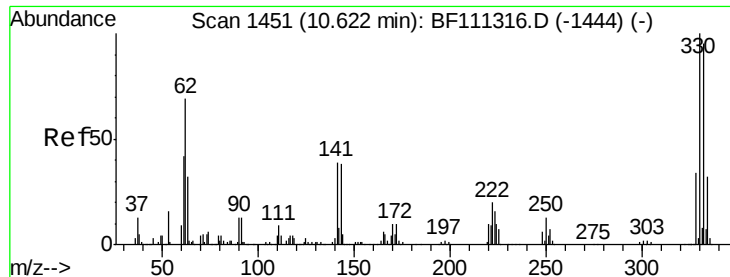


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

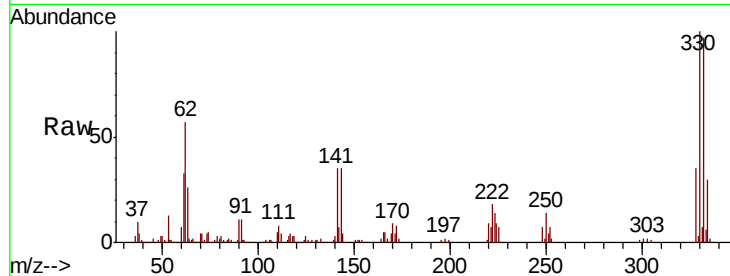




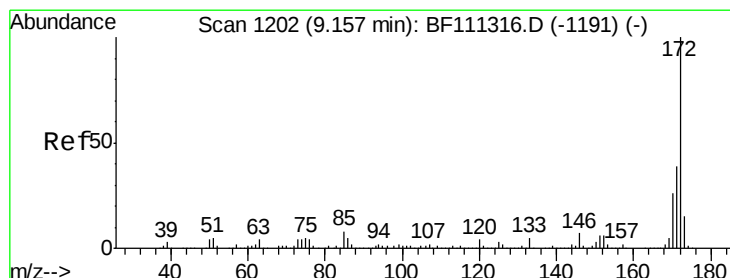
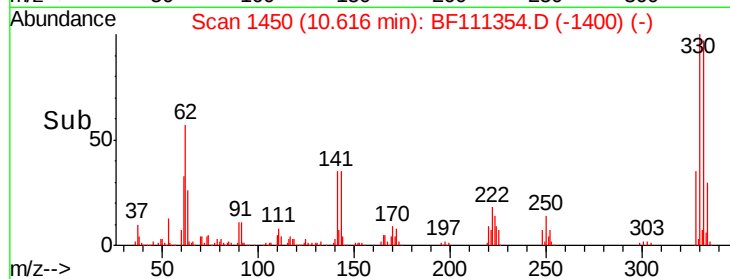
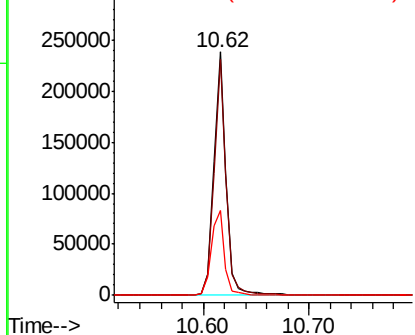
#42
 2,4,6-Tribromophenol
 Concen: 73.444 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111354.D
 Acq: 13 Dec 2018 6:40

Instrument :
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 120618-JETT-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	37.4	31.0	46.6

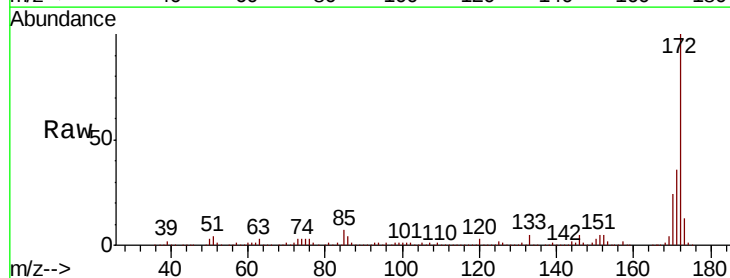


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

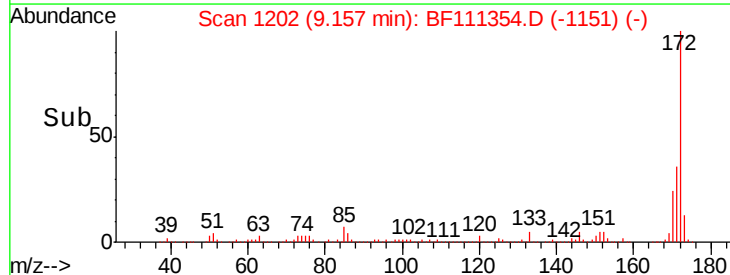
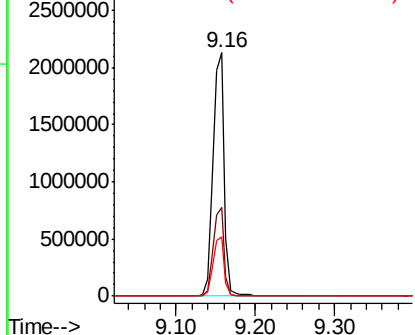


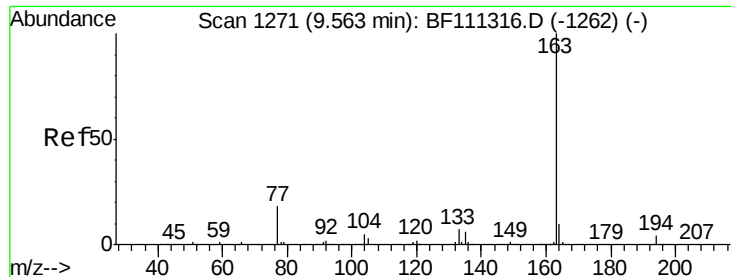
#45
 2-Fluorobiphenyl
 Concen: 108.378 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF111354.D
 Acq: 13 Dec 2018 6:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	33.0	49.4
170	24.3	22.3	33.5



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

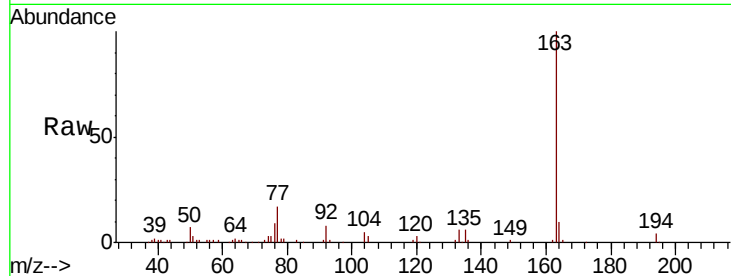




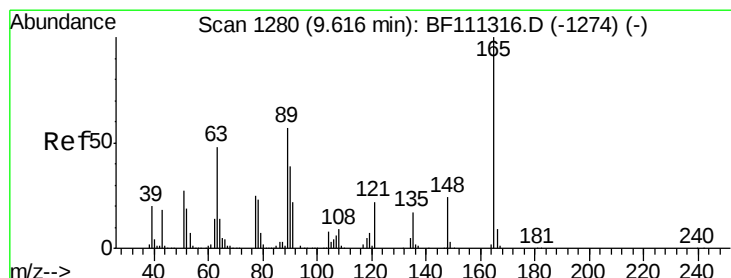
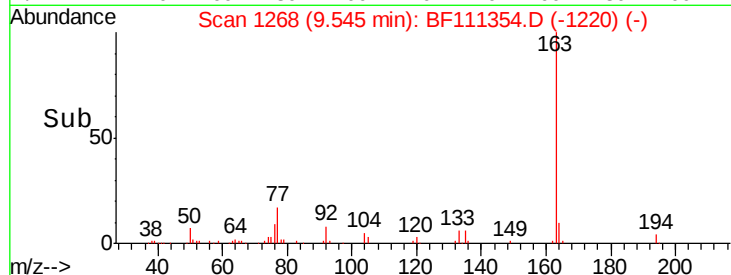
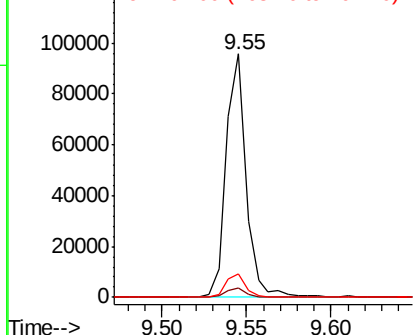
#50
Dimethylphthalate
Concen: 3.625 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111354.D
Acq: 13 Dec 2018 6:40

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120618-JETT-F-D-S

Tgt Ion:163 Resp: 79431
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.6 8.9 13.3

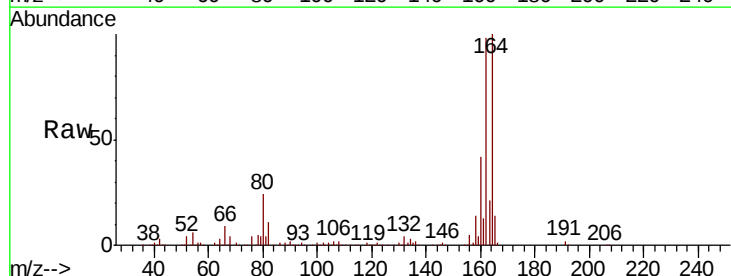


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

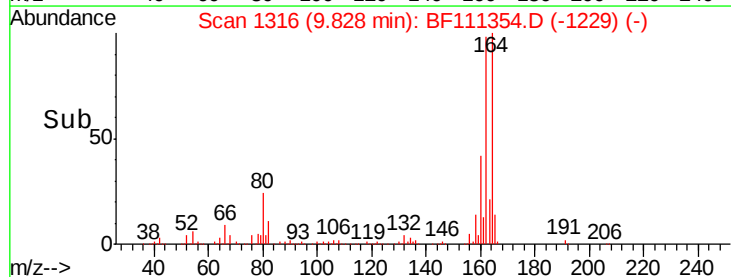
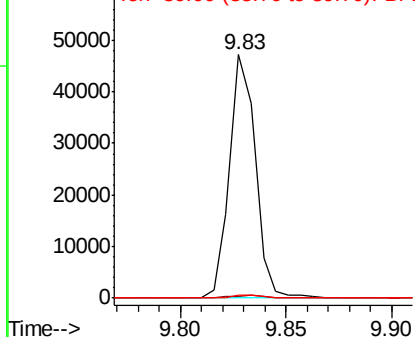


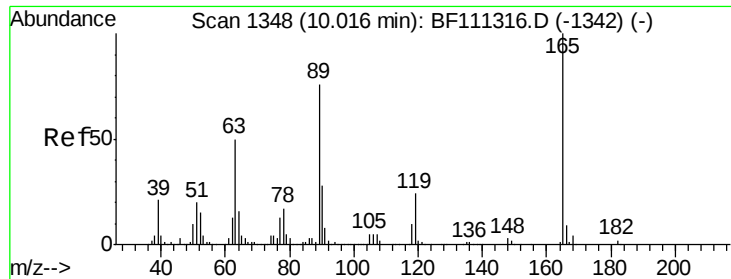
#51
2,6-Dinitrotoluene
Concen: 8.211 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111354.D
Acq: 13 Dec 2018 6:40

Tgt Ion:165 Resp: 39888
Ion Ratio Lower Upper
165 100
63 0.9 40.5 60.7#
89 1.1 40.0 60.0#



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

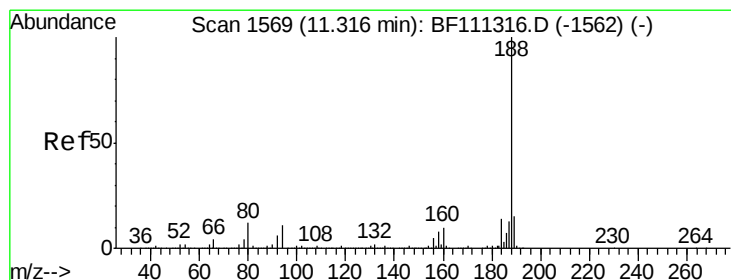
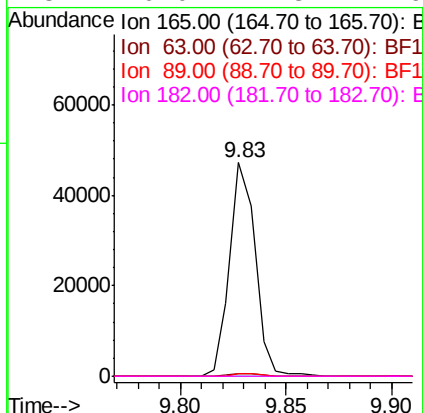
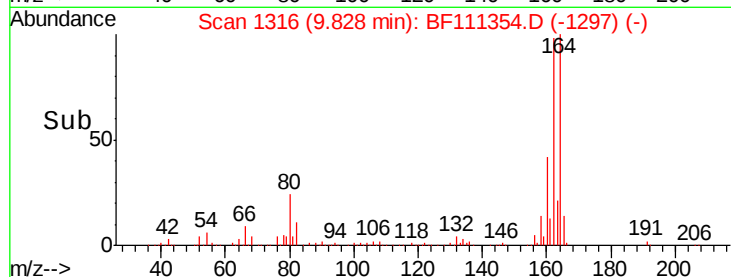
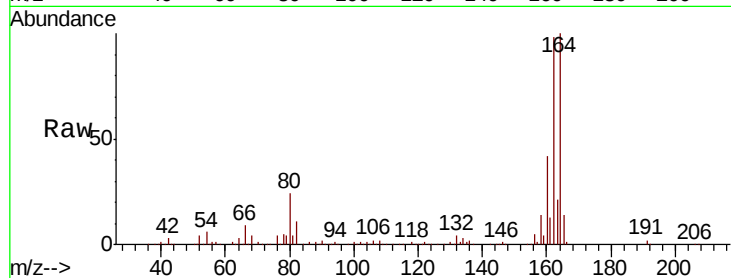




#57
 2,4-Dinitrotoluene
 Concen: 6.407 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111354.D
 Acq: 13 Dec 2018 6:40

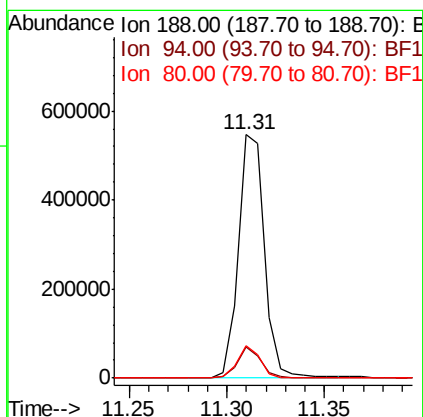
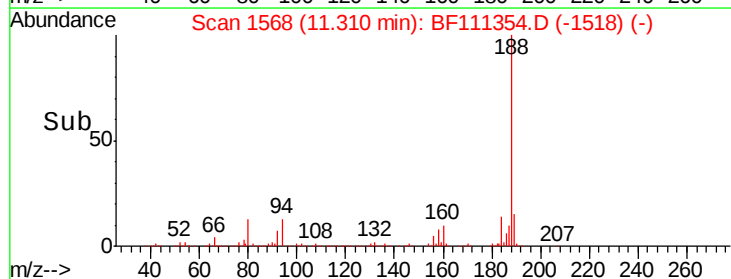
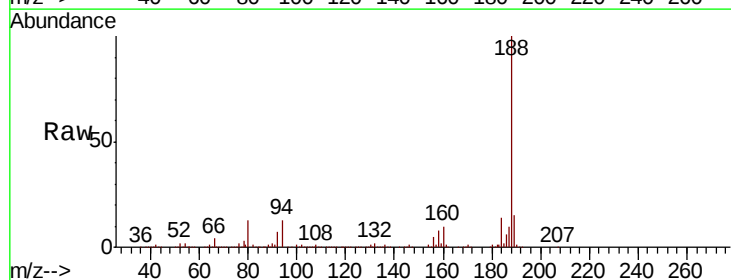
Instrument :
 BNA_F
 ClientSampleId :
 120618-JETT-F-D-S

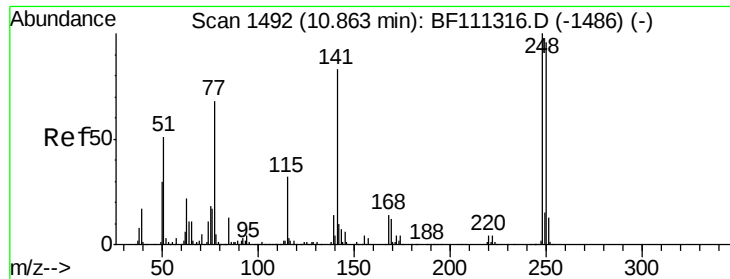
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111354.D
 Acq: 13 Dec 2018 6:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.6	14.4
80	13.2	9.8	14.6

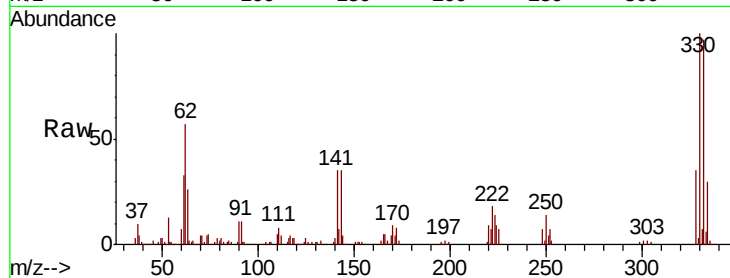




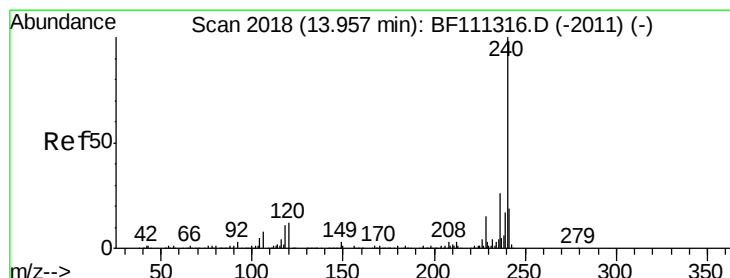
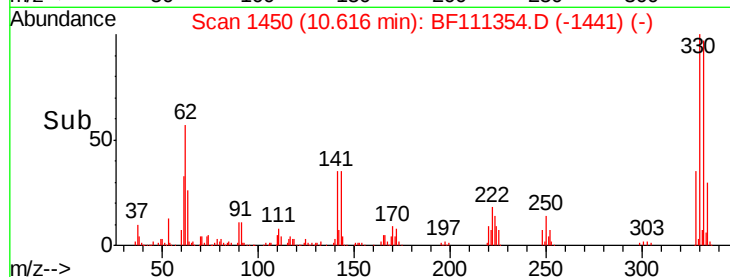
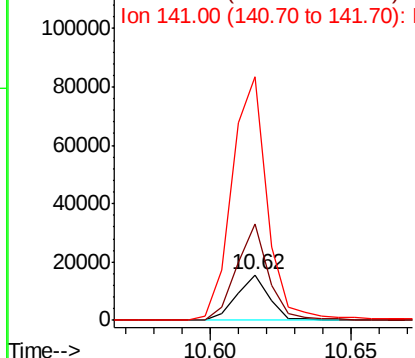
#67
 4-Bromophenyl-phenylether
 Concen: 2.216 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111354.D
 Acq: 13 Dec 2018 6:40

Instrument :
 BNA_F
 ClientSampleId :
 120618-JETT-F-D-S

Tgt Ion:248 Resp: 12481
 Ion Ratio Lower Upper
 248 100
 250 209.1 77.0 115.4#
 141 531.2 63.0 94.6#

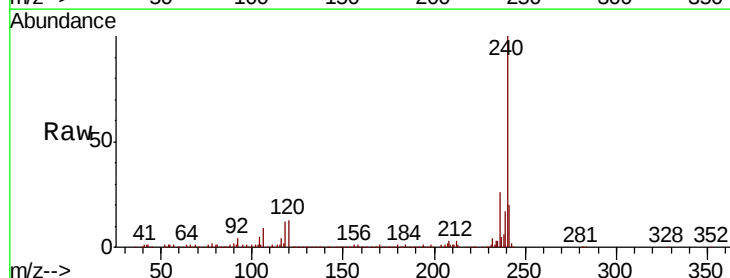


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

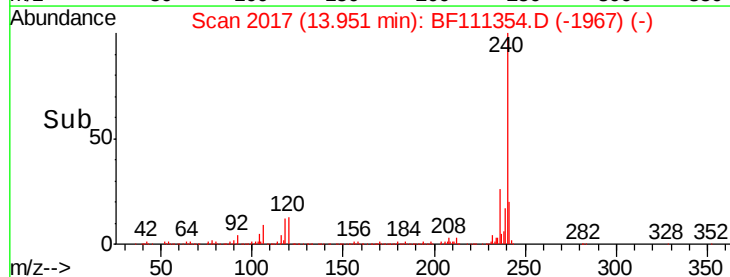
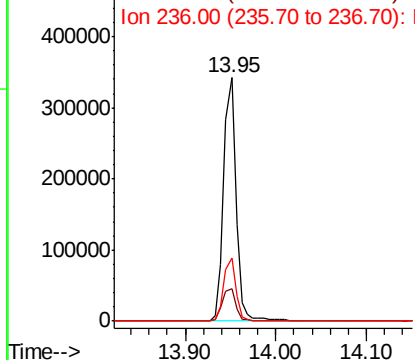


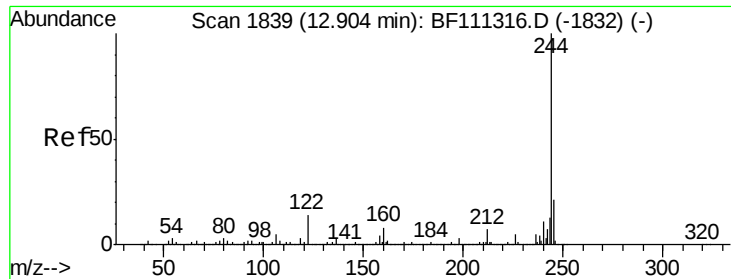
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111354.D
 Acq: 13 Dec 2018 6:40

Tgt Ion:240 Resp: 323001
 Ion Ratio Lower Upper
 240 100
 120 13.4 12.2 18.2
 236 26.1 20.2 30.2



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: 111.920 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111354.D

Acq: 13 Dec 2018 6:40

Instrument :

BNA_F

ClientSampleId :

120618-JETT-F-D-S

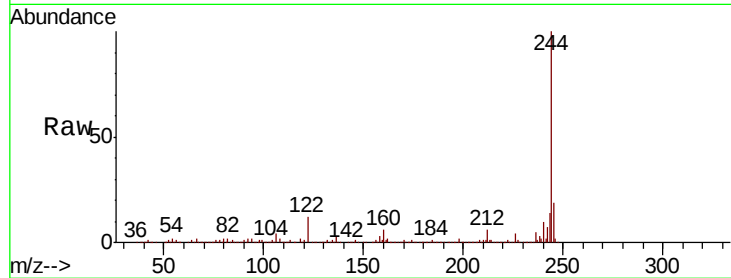
Tgt Ion:244 Resp: 1642493

Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

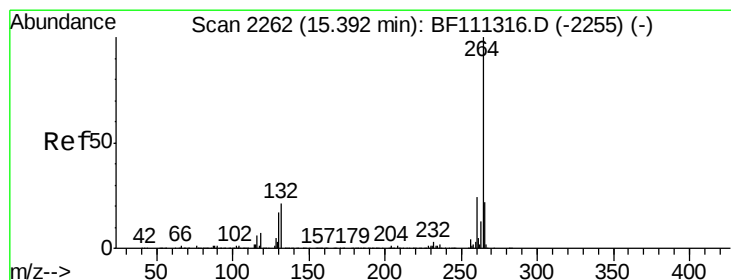
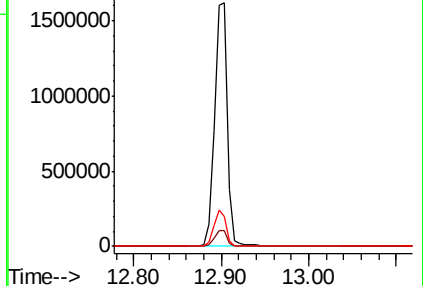
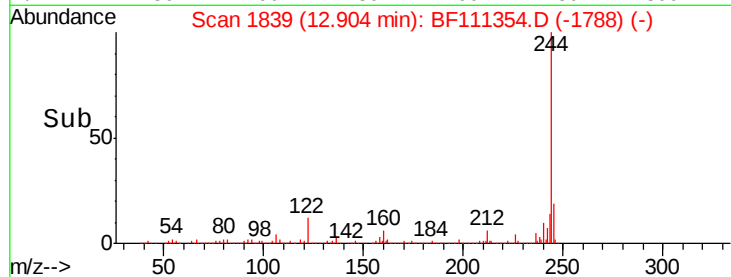
122 12.0 13.1 19.7#



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: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF111354.D

Acq: 13 Dec 2018 6:40

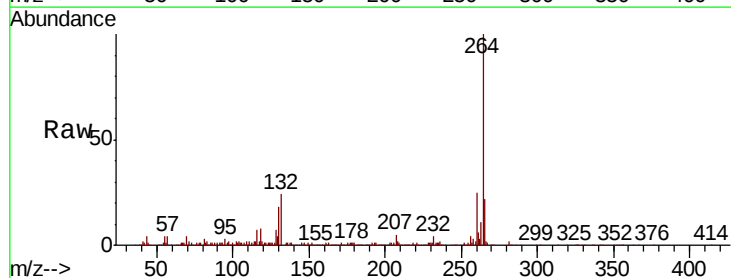
Tgt Ion:264 Resp: 240809

Ion Ratio Lower Upper

264 100

260 25.1 18.3 27.5

265 21.8 17.7 26.5



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

