

Data File : BF111488.D
Acq On : 16 Dec 2018 1:41
Operator : JU/SJ
Sample : J6341-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-S

Quant Time: Dec 16 02:45:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	239935	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	843625	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	312617	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	374631	20.00	ng	0.00
76) Chrysene-d12	13.95	240	501708	20.00	ng	0.00
87) Perylene-d12	15.39	264	343510	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	388706	26.96	ng	0.00
7) Phenol-d6	6.43	99	398081	20.76	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1274901	89.99	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	170660	60.94	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1930280	95.38	ng	0.00
79) Terphenyl-d14	12.90	244	1637784	76.66	ng	0.00

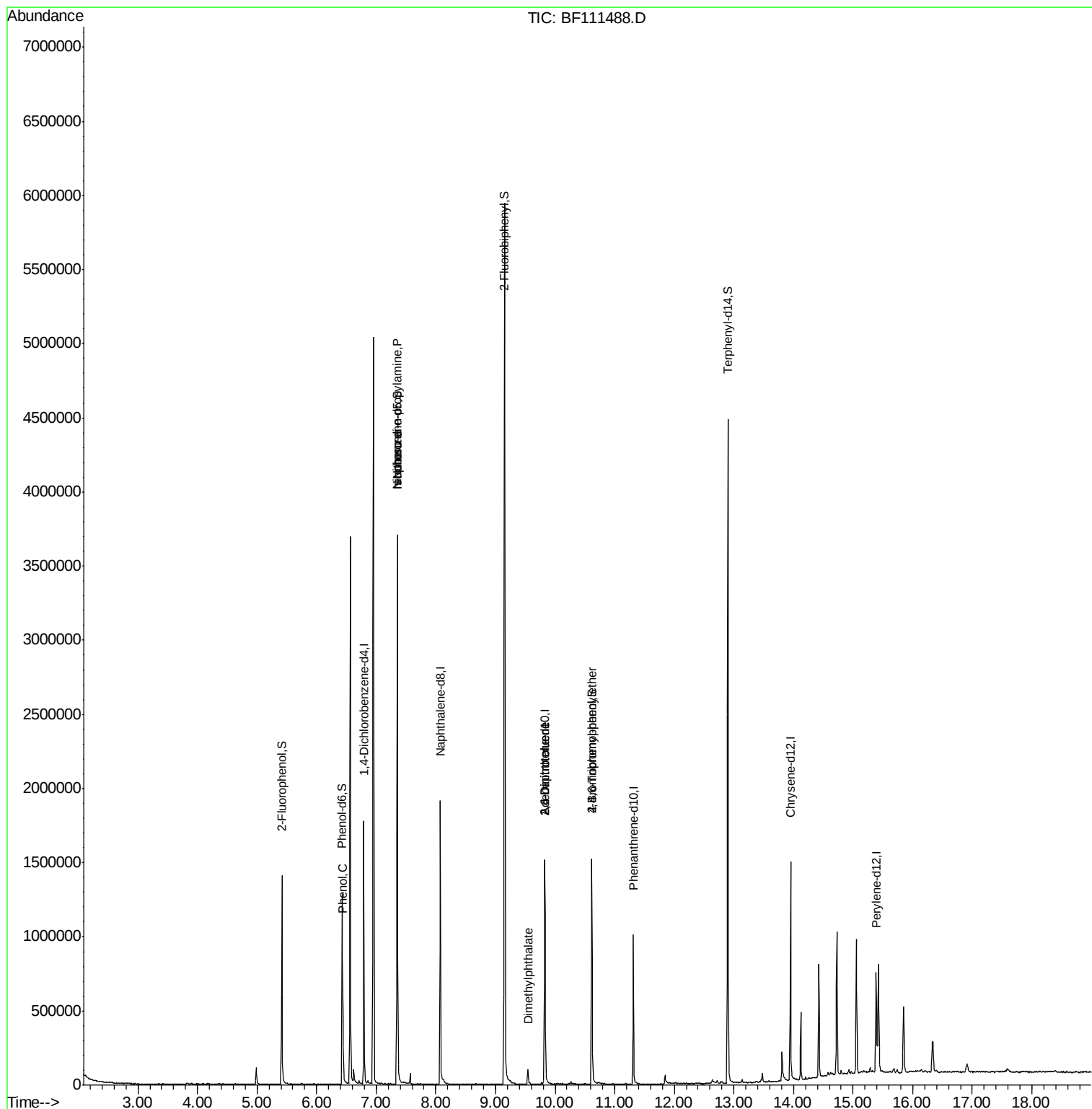
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	77214	3.614	ng	88
19) n-Nitroso-di-n-propylamine	7.36	70	162594	12.850	ng	# 76
25) Isophorone	7.36	82	1274892	53.185	ng	# 64
50) Dimethylphthalate	9.55	163	55310	2.457	ng	97
51) 2,6-Dinitrotoluene	9.83	165	40289	7.950	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	40289	6.057	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	11204	2.775	ng	# 1

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

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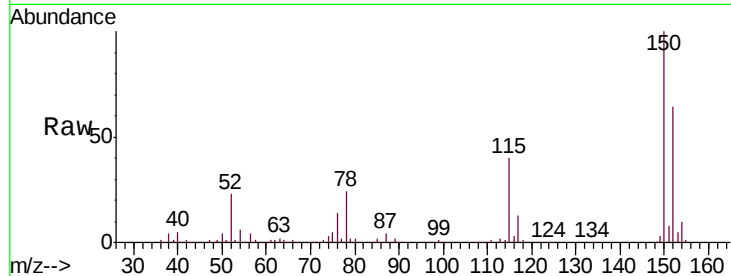




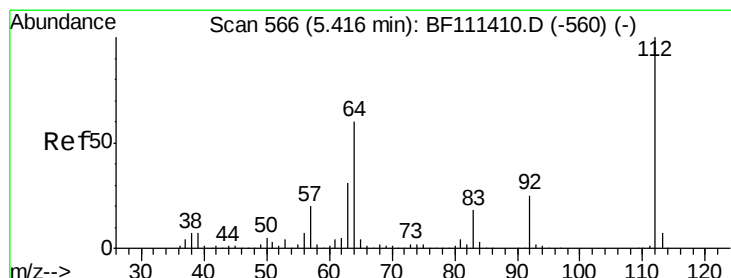
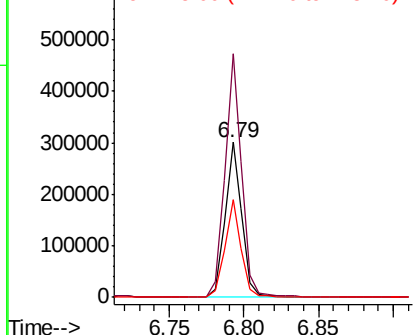
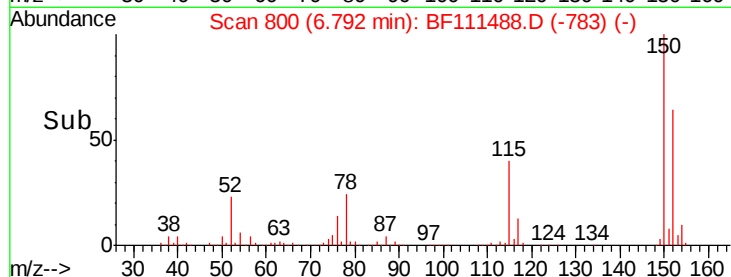
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111488.D
 Acq: 16 Dec 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 121018-JETT-F-U-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	62.8	50.7	76.1

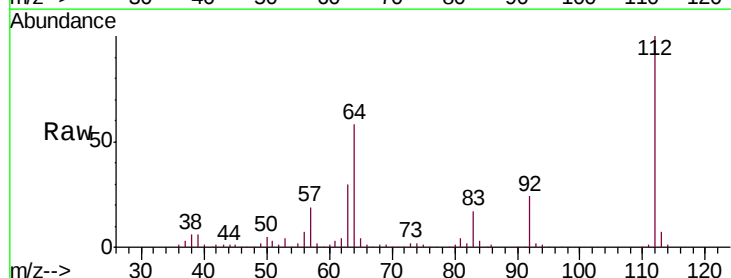


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

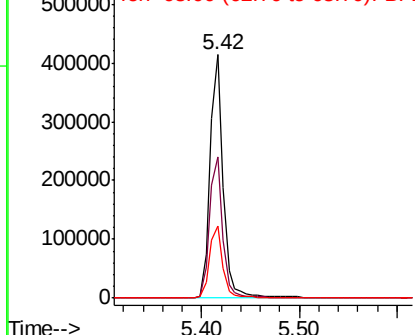
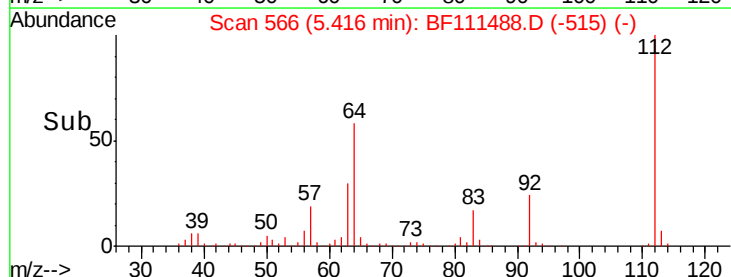


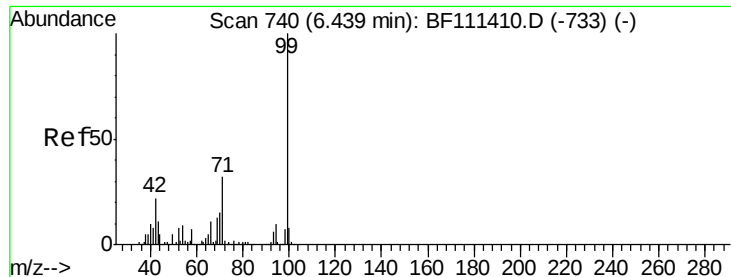
#5
 2-Fluorophenol
 Concen: 26.959 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111488.D
 Acq: 16 Dec 2018 1:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	51.8	77.6
63	29.7	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: 20.756 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111488.D

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BNA_F

ClientSampleId :

121018-JETT-F-U-S

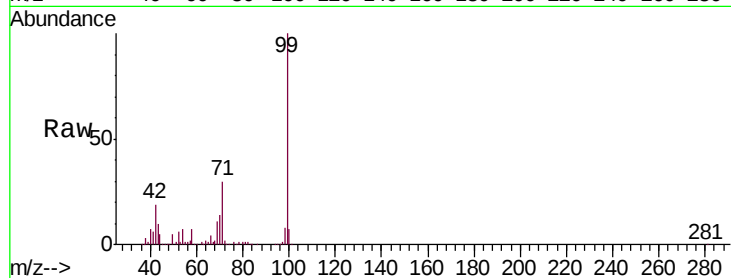
Tgt Ion: 99 Resp: 398081

Ion Ratio Lower Upper

99 100

42 18.9 17.4 26.0

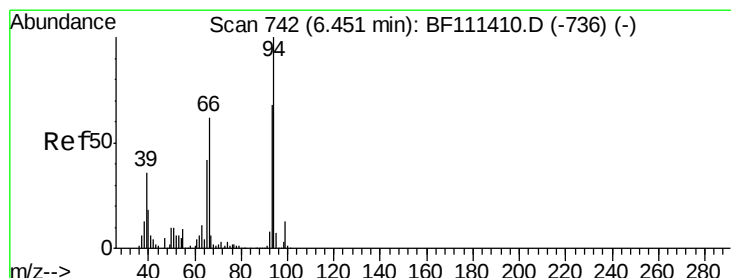
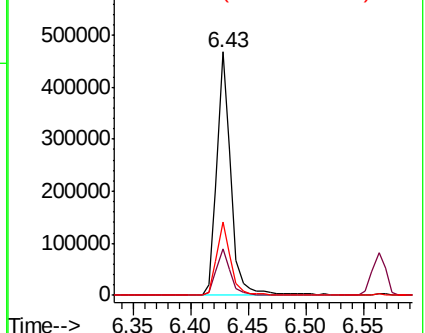
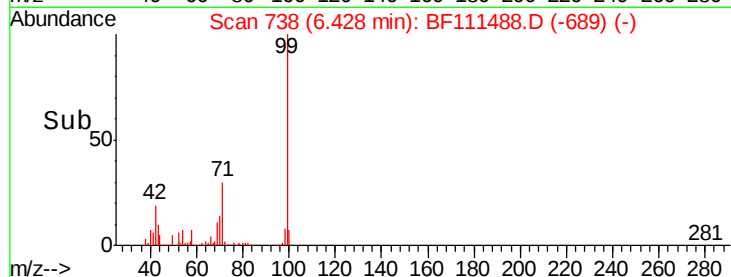
71 29.9 26.1 39.1



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



#10

Phenol

Concen: 3.614 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111488.D

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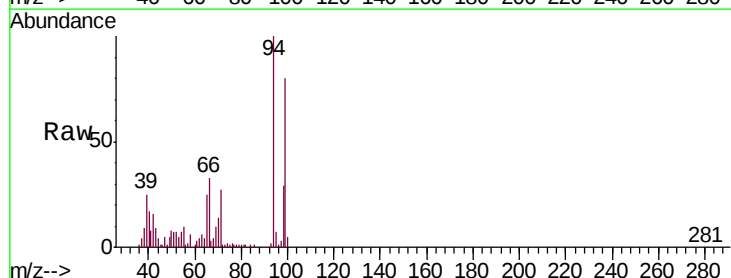
Tgt Ion: 94 Resp: 77214

Ion Ratio Lower Upper

94 100

65 25.4 11.7 51.7

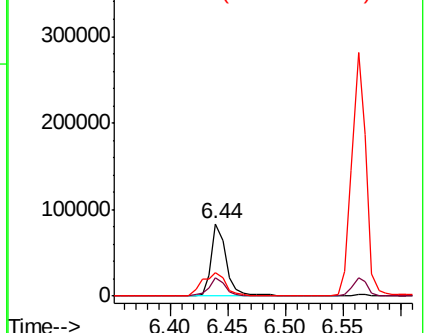
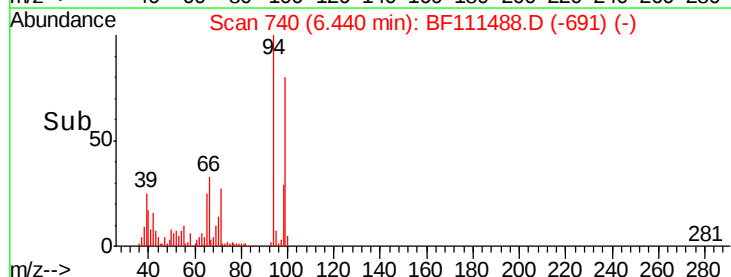
66 33.0 21.0 61.0



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

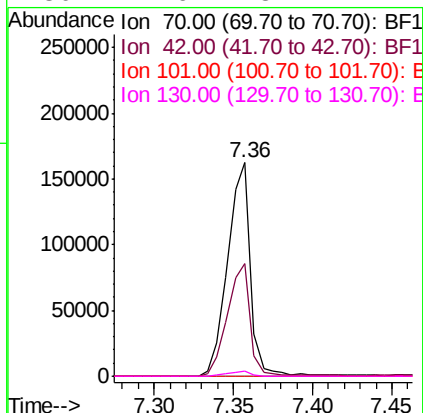
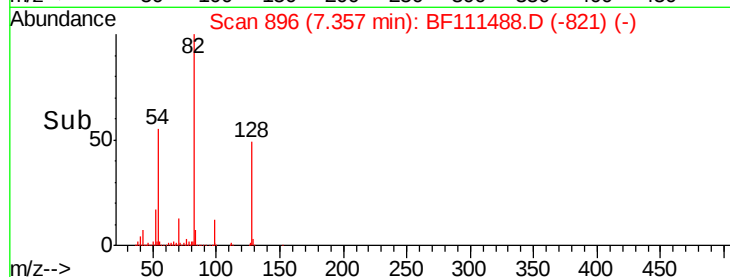
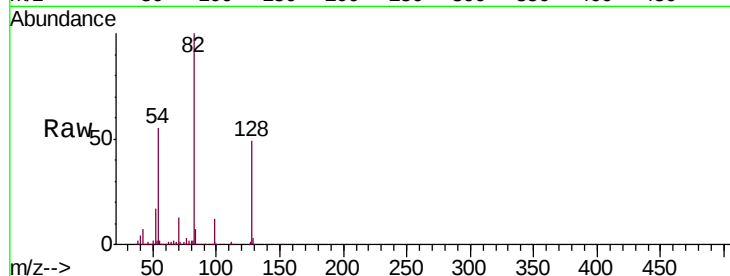




#19
n-Nitroso-di-n-propylamine
Concen: 12.850 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111488.D
Acq: 16 Dec 2018 1:41

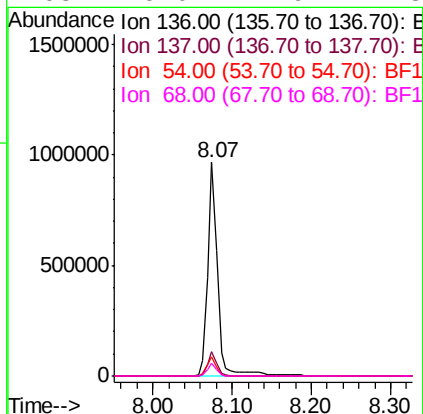
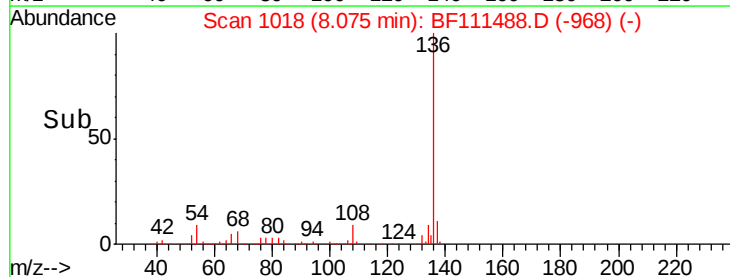
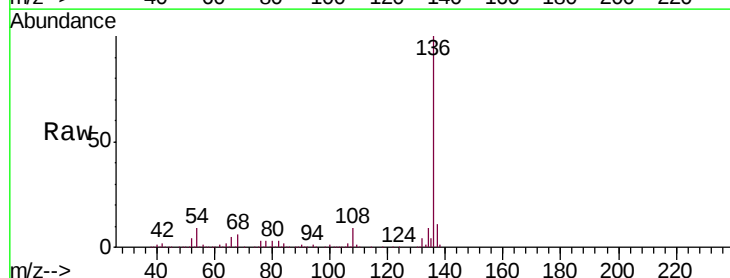
Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-S

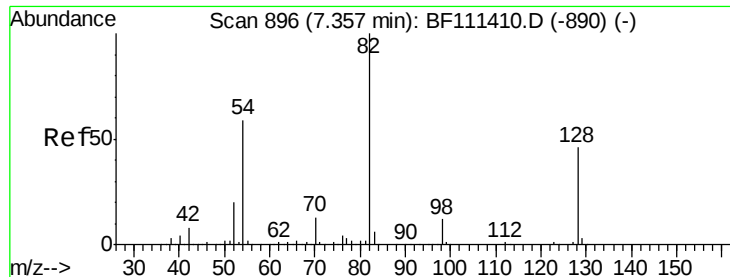
Tgt Ion: 70 Resp: 162594
Ion Ratio Lower Upper
70 100
42 52.8 53.2 79.8#
101 0.0 8.2 12.4#
130 2.6 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111488.D
Acq: 16 Dec 2018 1:41

Tgt Ion: 136 Resp: 843625
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.9 7.7 11.5
68 6.0 4.9 7.3

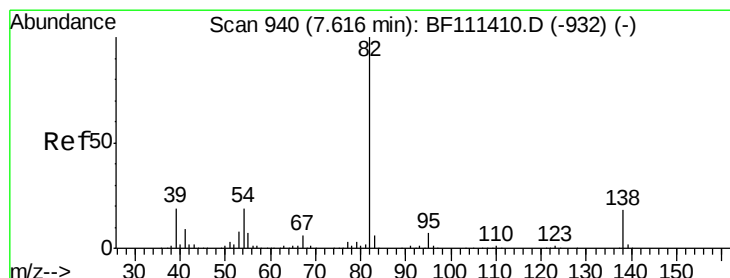
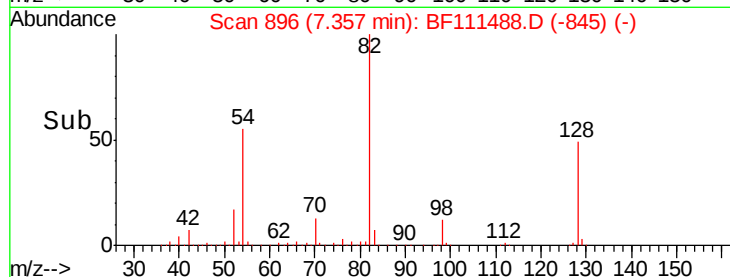
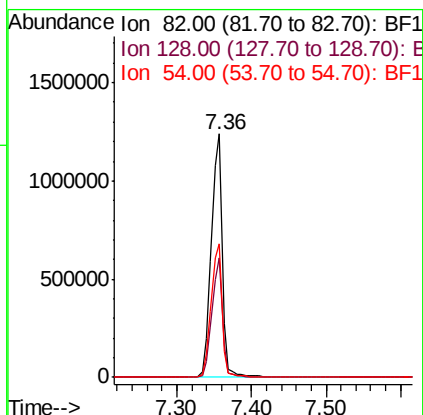
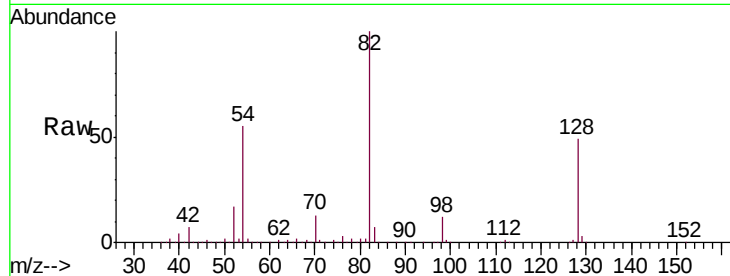




#23
 Nitrobenzene-d5
 Concen: 89.991 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF111488.D
 Acq: 16 Dec 2018 1:41

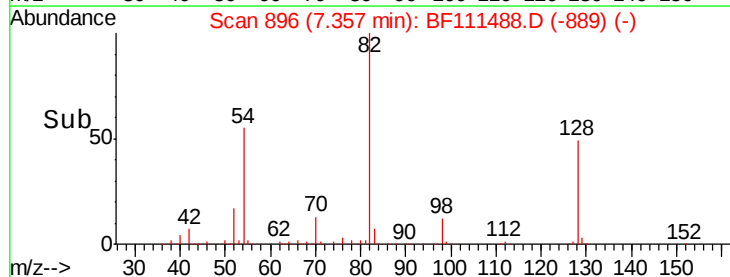
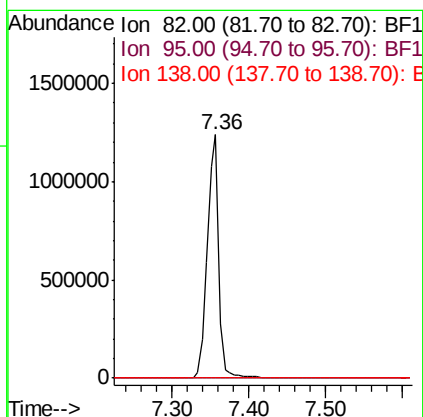
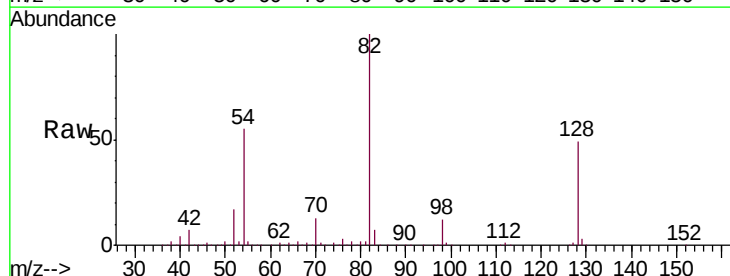
Instrument :
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 ClientSampleId :
 121018-JETT-F-U-S

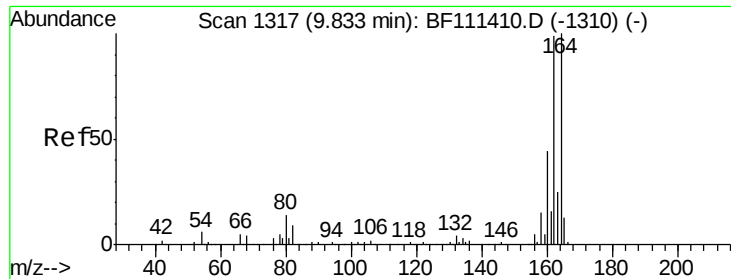
Tgt Ion: 82 Resp: 1274901
 Ion Ratio Lower Upper
 82 100
 128 49.0 37.4 56.2
 54 54.7 47.6 71.4



#25
 Isophorone
 Concen: 53.185 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF111488.D
 Acq: 16 Dec 2018 1:41

Tgt Ion: 82 Resp: 1274892
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-U-S

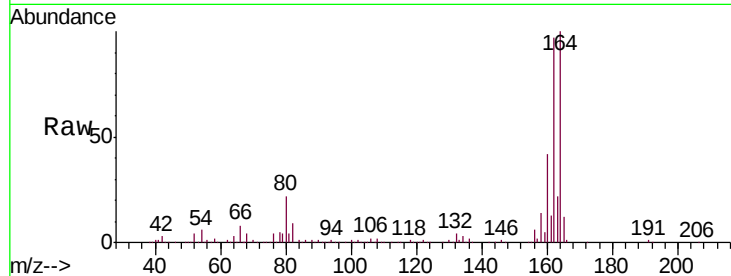
Tgt Ion:164 Resp: 312617

Ion Ratio Lower Upper

164 100

162 97.0 81.4 122.0

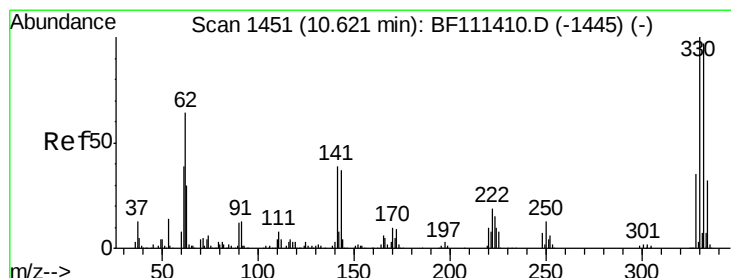
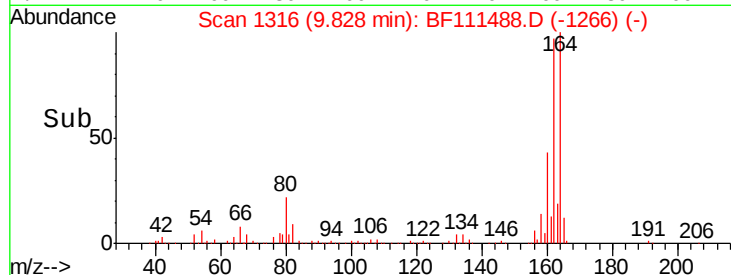
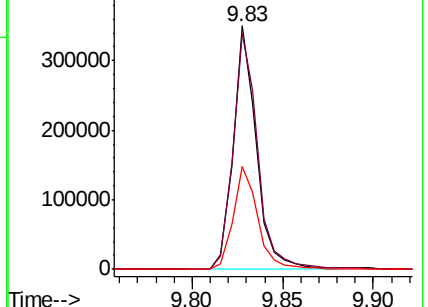
160 42.4 35.7 53.5



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: 60.942 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

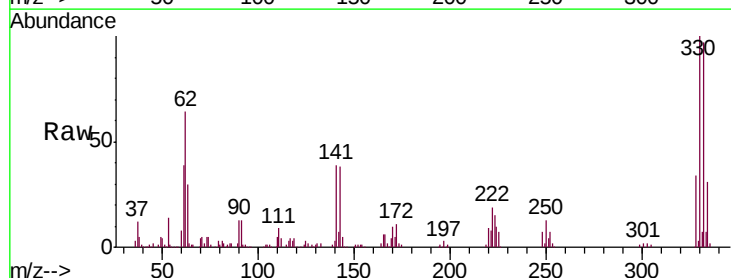
Tgt Ion:330 Resp: 170660

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

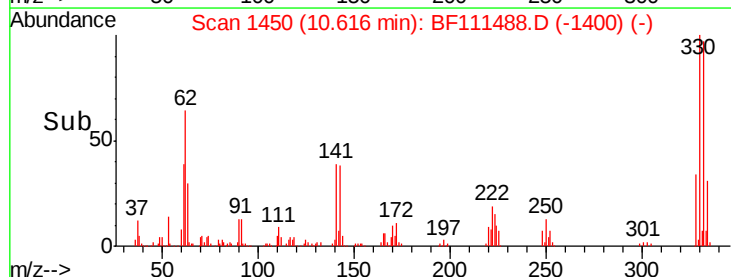
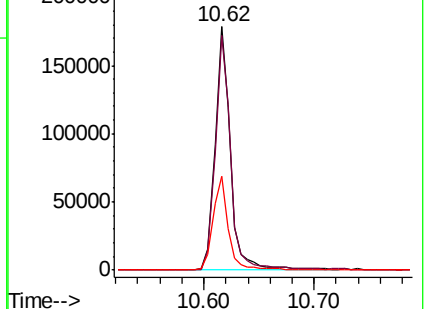
141 38.3 31.0 46.6

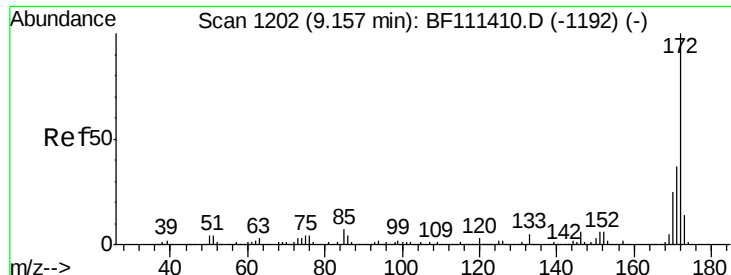


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

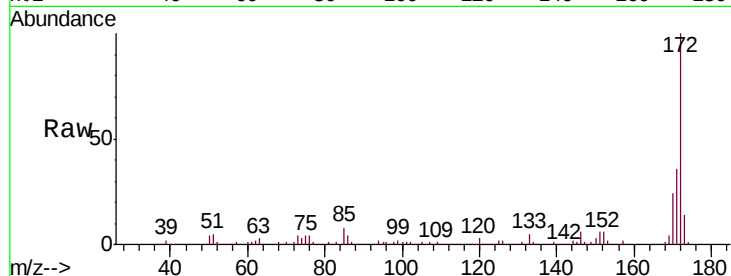




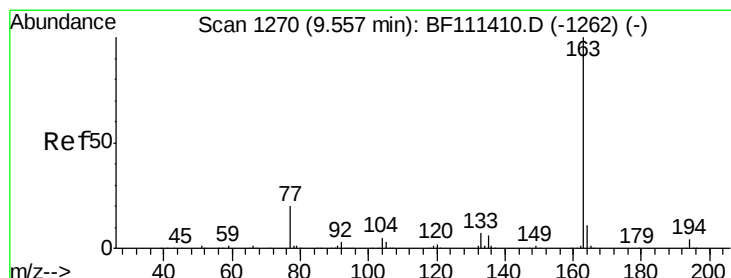
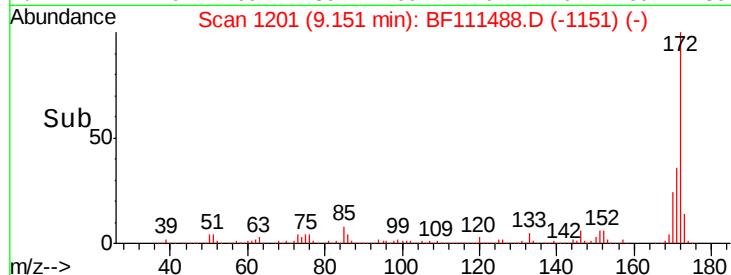
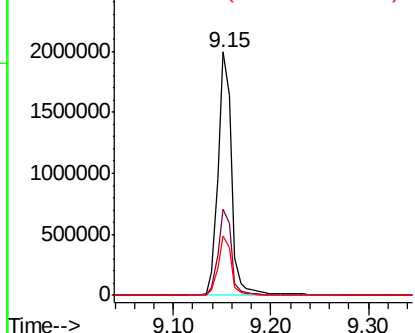
#45
2-Fluorobiphenyl
Concen: 95.375 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111488.D
Acq: 16 Dec 2018 1:41

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-S

Tgt Ion:172 Resp: 1930280
Ion Ratio Lower Upper
172 100
171 35.5 33.0 49.4
170 24.1 22.3 33.5

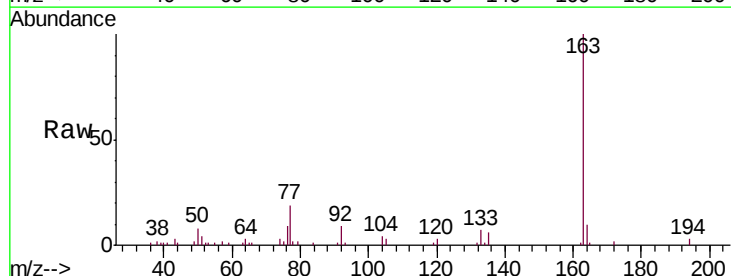


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

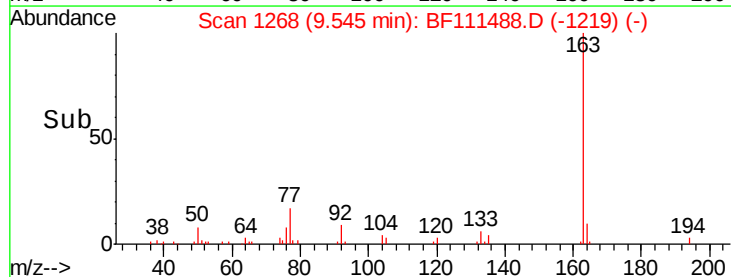
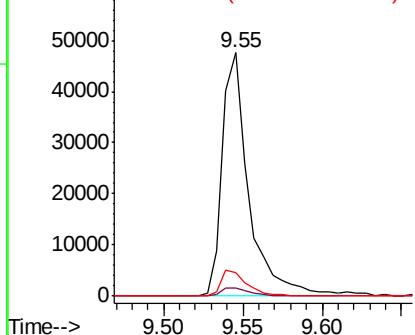


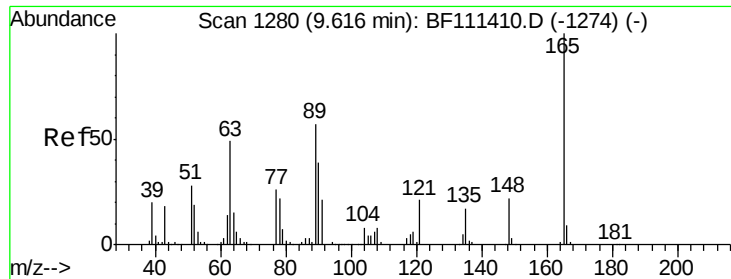
#50
Dimethylphthalate
Concen: 2.457 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111488.D
Acq: 16 Dec 2018 1:41

Tgt Ion:163 Resp: 55310
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.8 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

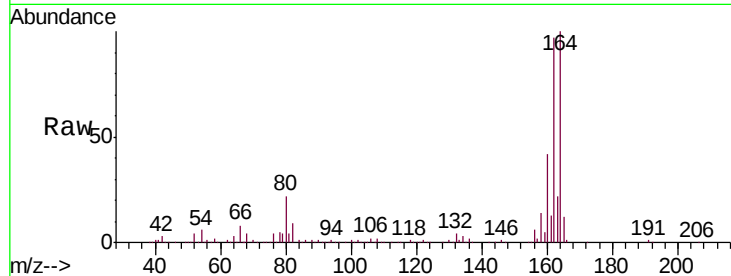




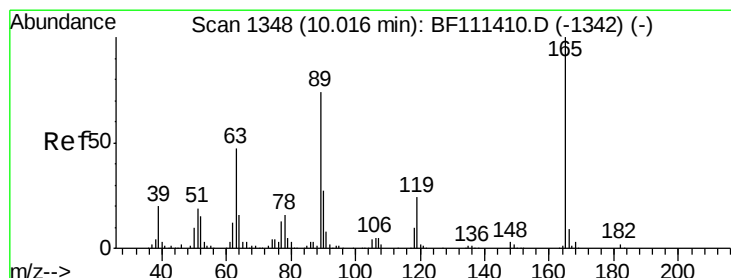
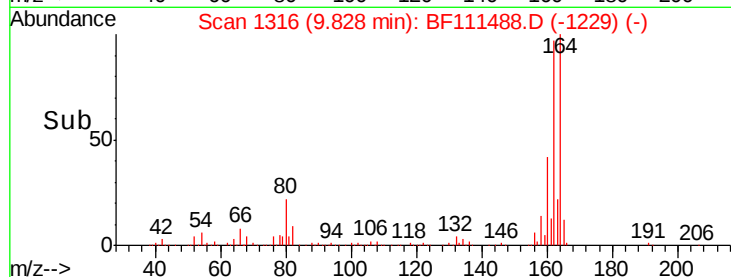
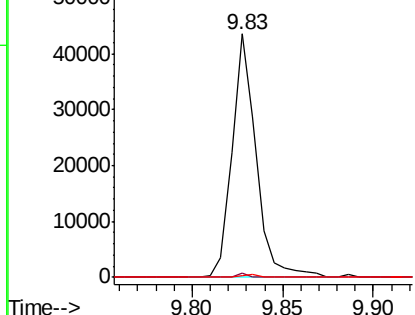
#51
 2,6-Dinitrotoluene
 Concen: 7.950 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111488.D
 Acq: 16 Dec 2018 1:41

Instrument :
 BNA_F
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 121018-JETT-F-U-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.5	60.7#
89	0.8	40.0	60.0#



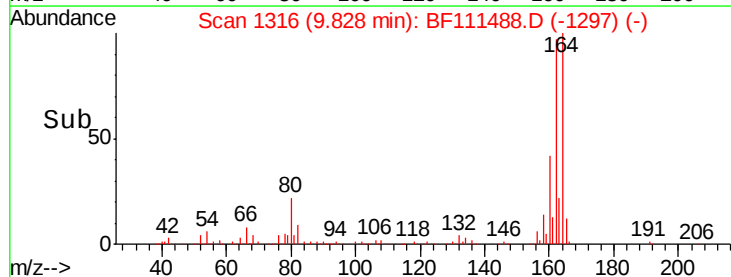
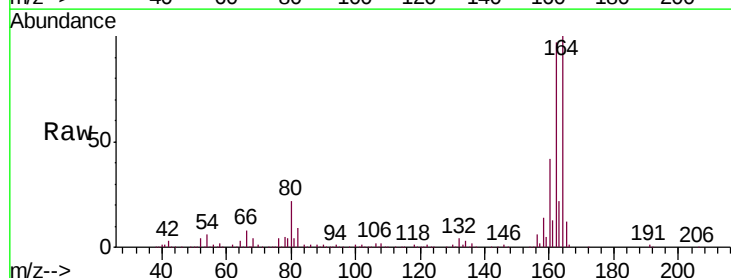
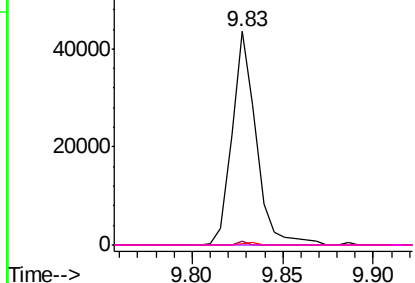
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

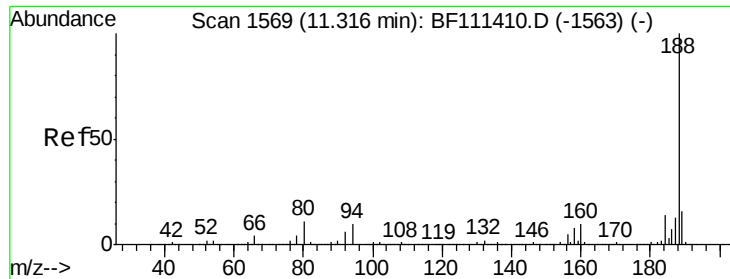


#57
 2,4-Dinitrotoluene
 Concen: 6.057 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111488.D
 Acq: 16 Dec 2018 1:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	0.8	56.2	84.4#
182	0.0	1.8	2.6#

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-U-S

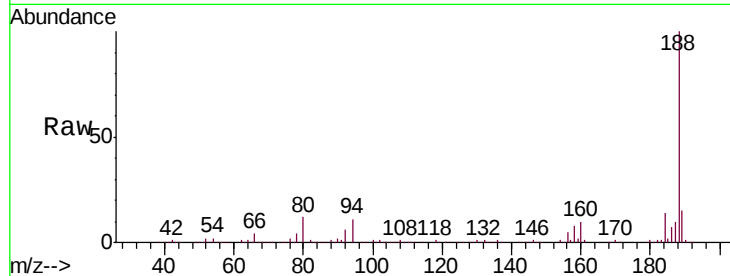
Tgt Ion:188 Resp: 374631

Ion Ratio Lower Upper

188 100

94 10.8 9.6 14.4

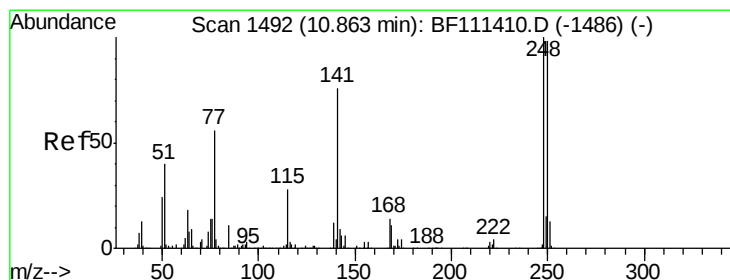
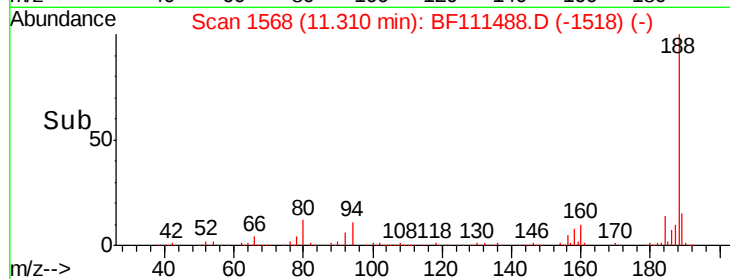
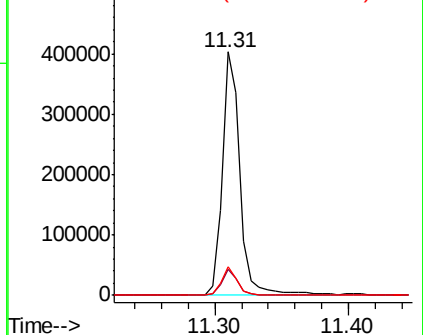
80 11.6 9.8 14.6



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



#67

4-Bromophenyl-phenylether

Concen: 2.775 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.25 min

Lab File: BF111488.D

Acq: 16 Dec 2018 1:41

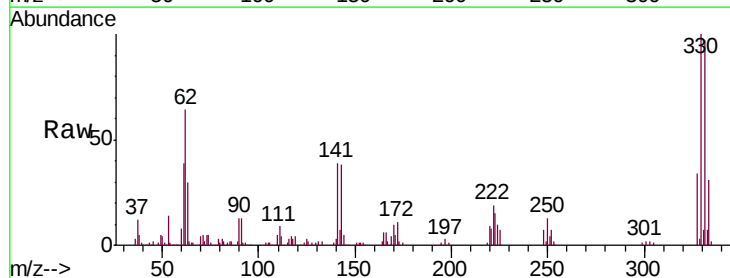
Tgt Ion:248 Resp: 11204

Ion Ratio Lower Upper

248 100

250 182.6 77.0 115.4#

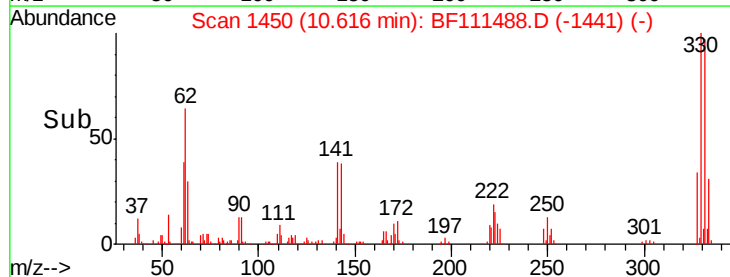
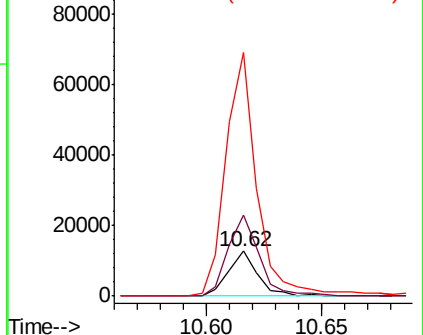
141 544.9 63.0 94.6#

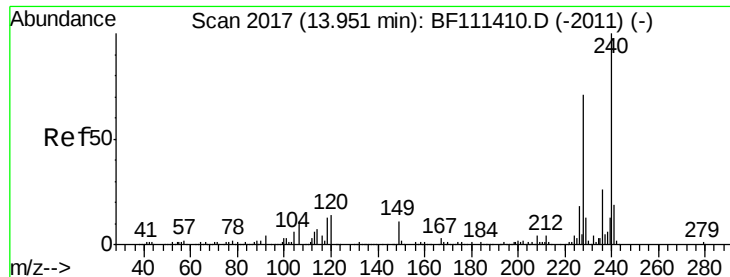


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

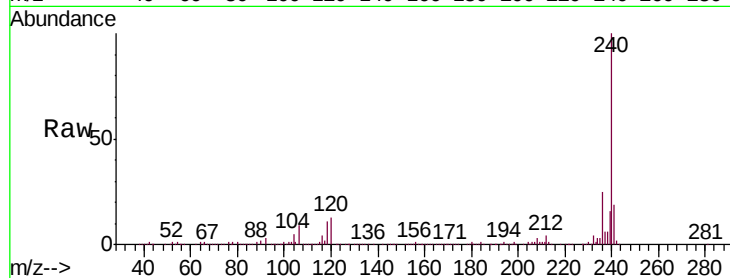




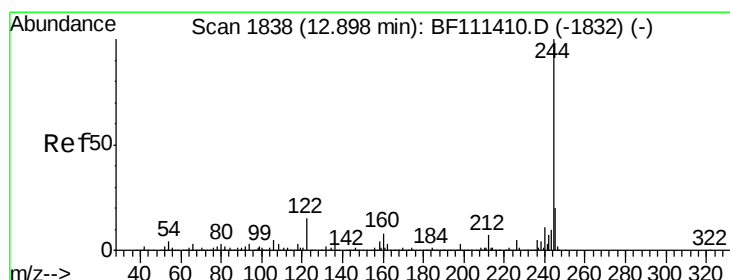
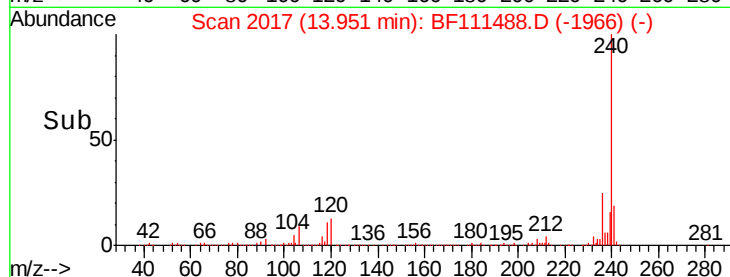
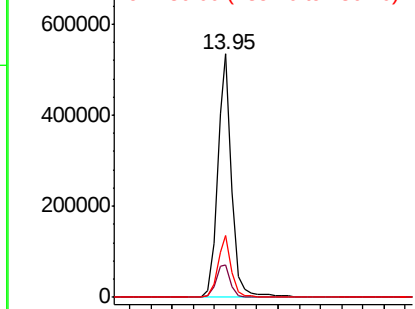
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111488.D
Acq: 16 Dec 2018 1:41

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-S

Tgt Ion:240 Resp: 501708
Ion Ratio Lower Upper
240 100
120 13.4 12.2 18.2
236 25.3 20.2 30.2

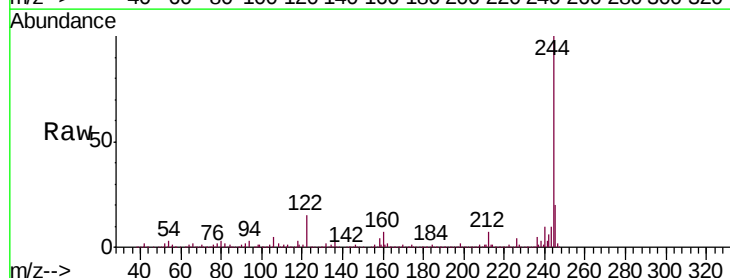


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

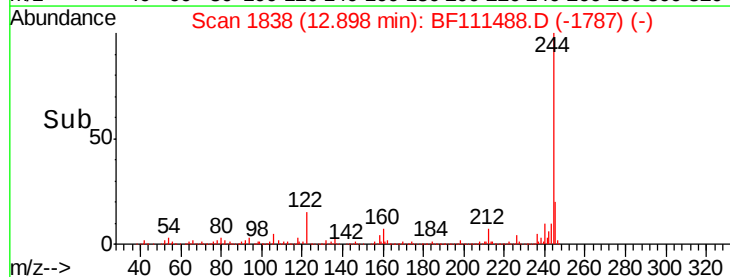
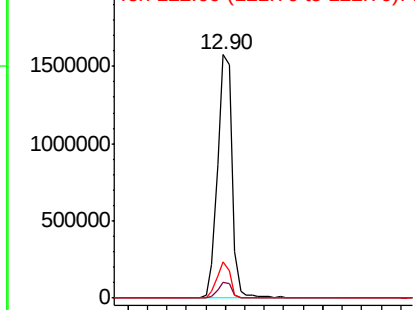


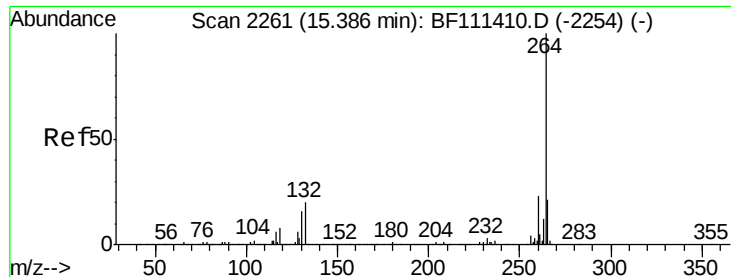
#79
Terphenyl-d14
Concen: 76.656 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111488.D
Acq: 16 Dec 2018 1:41

Tgt Ion:244 Resp: 1637784
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 14.9 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. 0.00 min
Lab File: BF111488.D
Acq: 16 Dec 2018 1:41

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.6	17.7	26.5

