

Data File : BF111451.D
Acq On : 15 Dec 2018 6:39
Operator : JU/SJ
Sample : J6328-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
120718-JETT-F-D-S

Quant Time: Dec 15 23:33:55 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	141595	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	540281	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	210645	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	334560	20.00	ng	0.00
76) Chrysene-d12	13.95	240	276952	20.00	ng	0.00
87) Perylene-d12	15.39	264	181007	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	393054	46.19	ng	0.00
7) Phenol-d6	6.43	99	287404	25.39	ng	0.00
23) Nitrobenzene-d5	7.36	82	944822	104.14	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	160289	84.95	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1624657	119.13	ng	0.00
79) Terphenyl-d14	12.90	244	1234966	104.71	ng	0.00

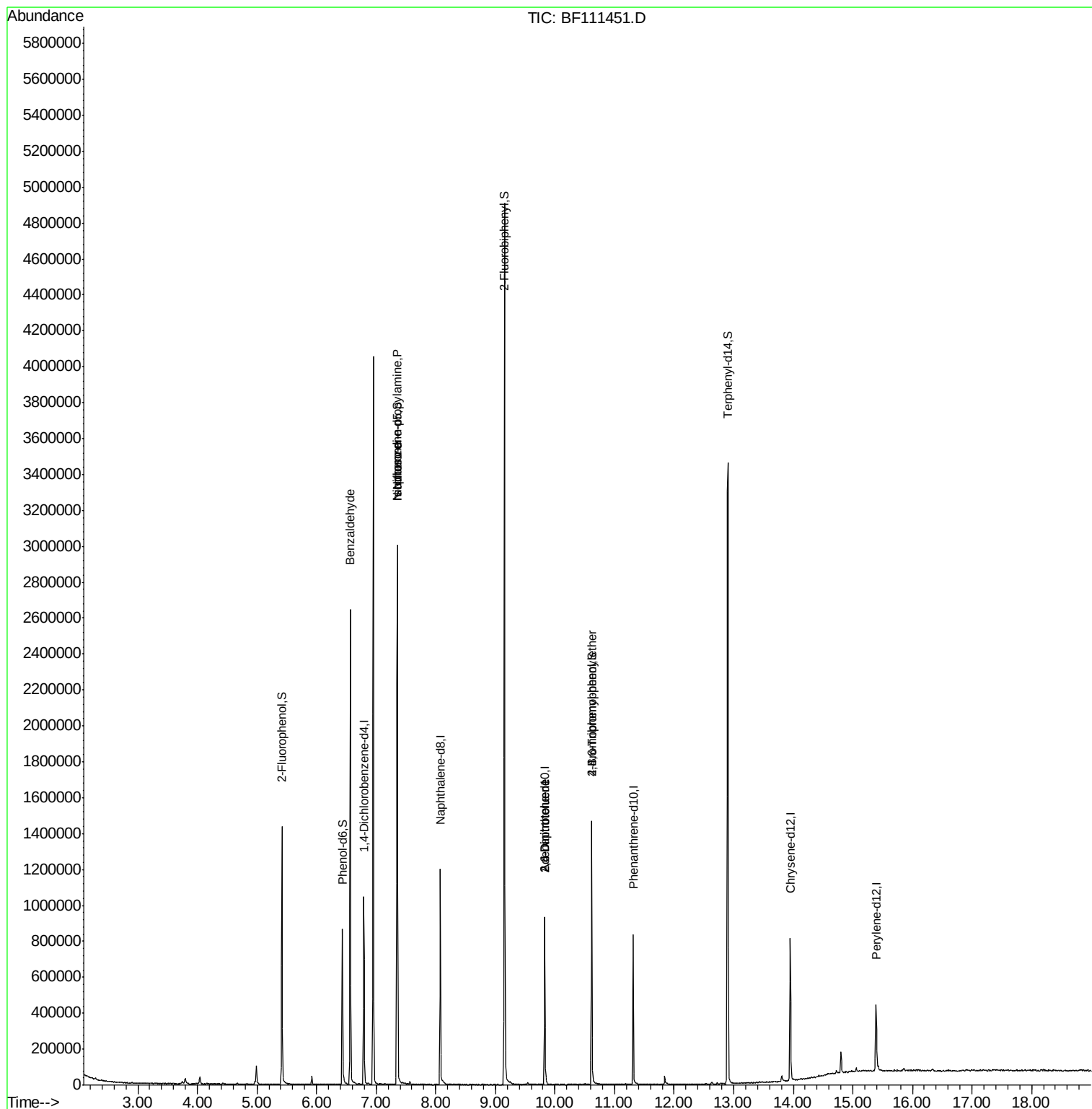
Target Compounds				Qvalue		
9) Benzaldehyde	6.57	77	15565	2.267	ng	# 74
19) n-Nitroso-di-n-propylamine	7.36	70	123523	16.542	ng	# 77
25) Isophorone	7.36	82	944809	61.545	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	25957	7.602	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	25957	5.792	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	10141	2.812	ng	# 1

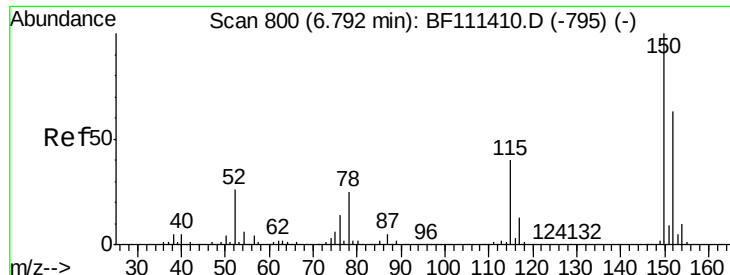
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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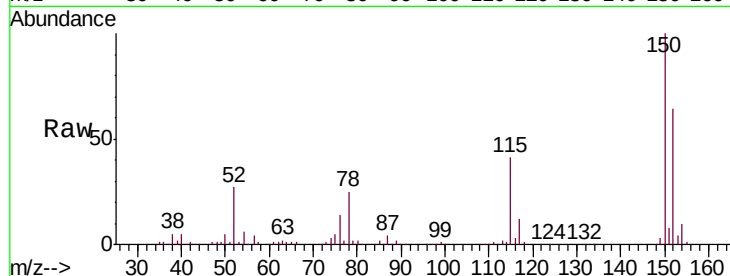




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Instrument :
 BNA_F
 ClientSampleId :
 120718-JETT-F-D-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	189.8
115	63.1	50.7	76.1

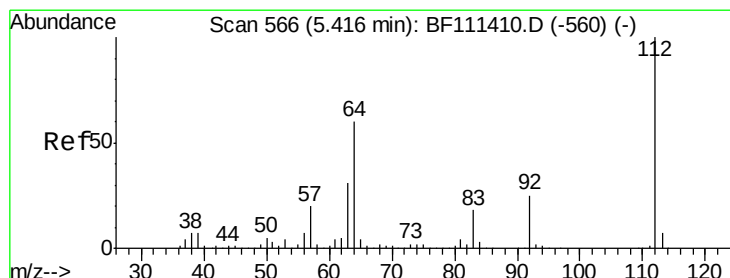
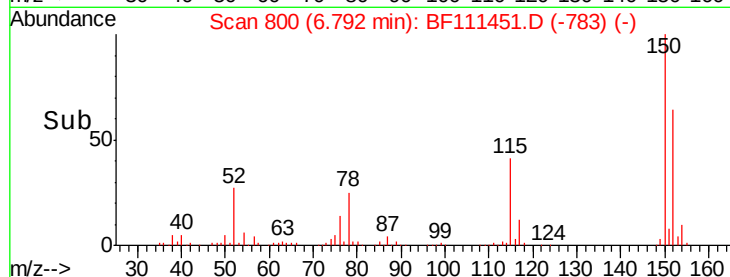
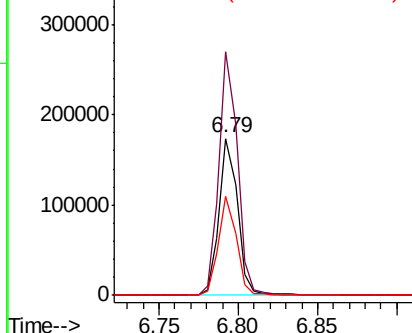


Abundance

Ion 152.00 (151.70 to 152.70): E

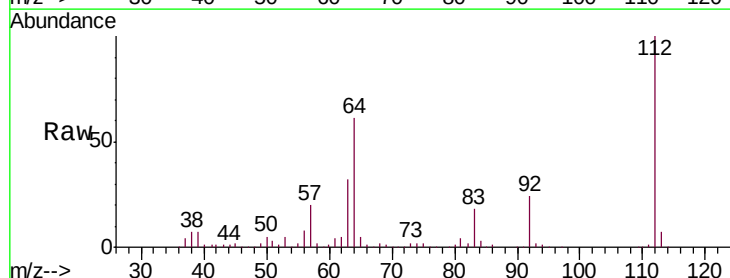
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 46.193 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	51.8	77.6
63	32.0	26.8	40.2

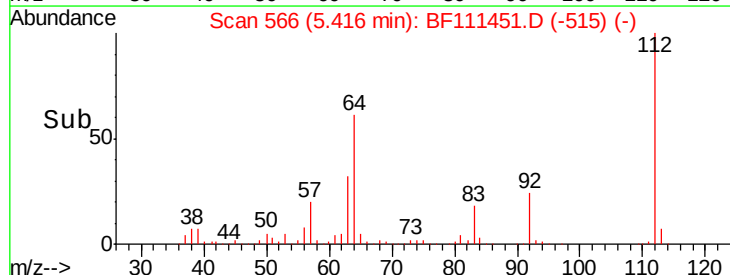
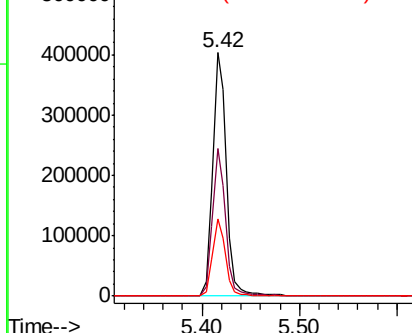


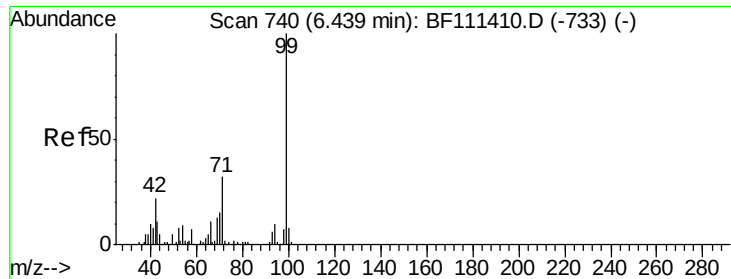
Abundance

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: 25.392 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111451.D

Acq: 15 Dec 2018 6:39

Instrument :

BNA_F

ClientSampleId :

120718-JETT-F-D-S

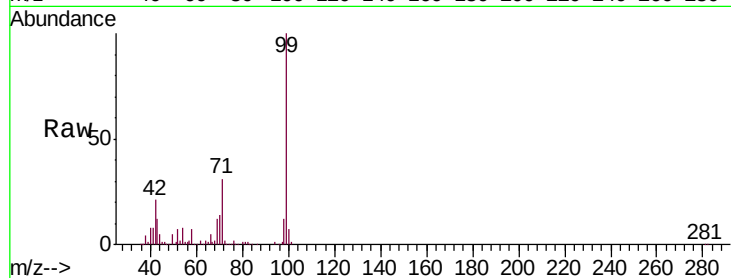
Tgt Ion: 99 Resp: 287404

Ion Ratio Lower Upper

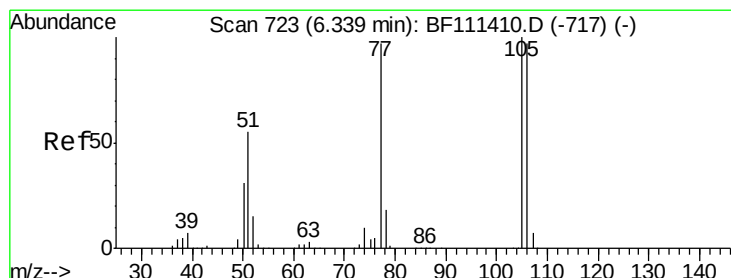
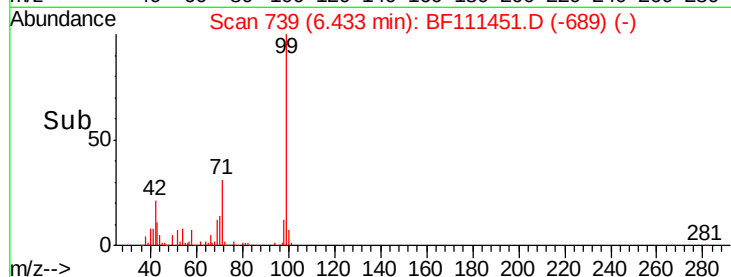
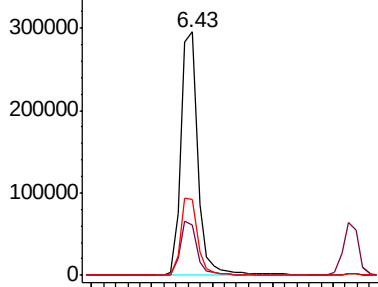
99 100

42 20.6 17.4 26.0

71 31.3 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



#9

Benzaldehyde

Concen: 2.267 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.23 min

Lab File: BF111451.D

Acq: 15 Dec 2018 6:39

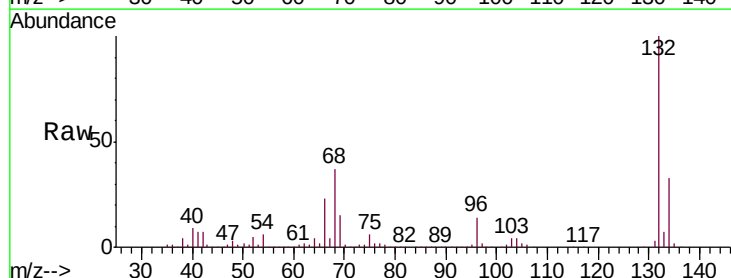
Tgt Ion: 77 Resp: 15565

Ion Ratio Lower Upper

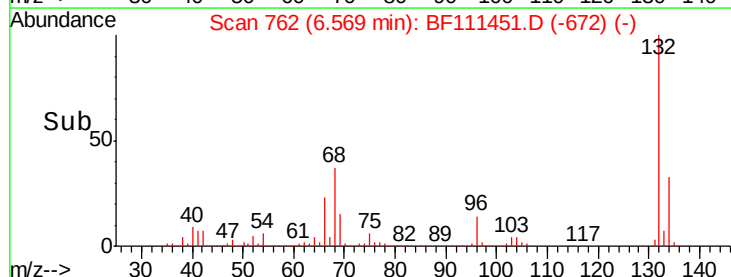
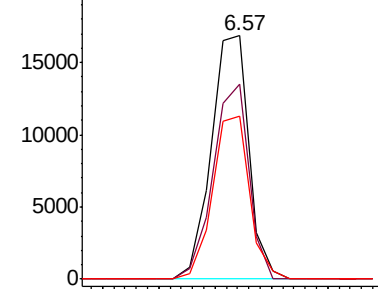
77 100

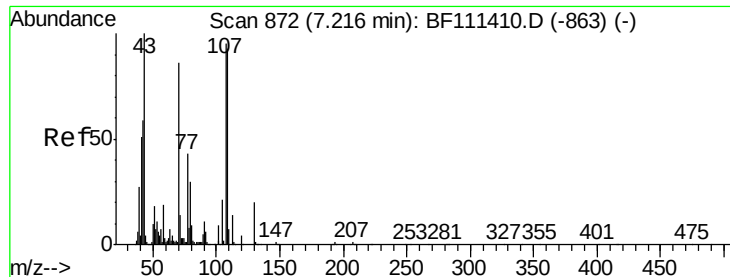
105 80.3 81.4 121.4#

106 66.9 77.9 117.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

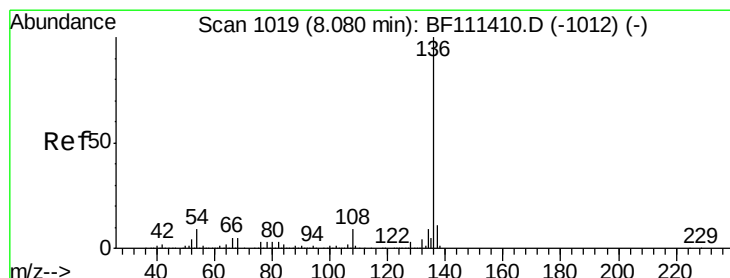
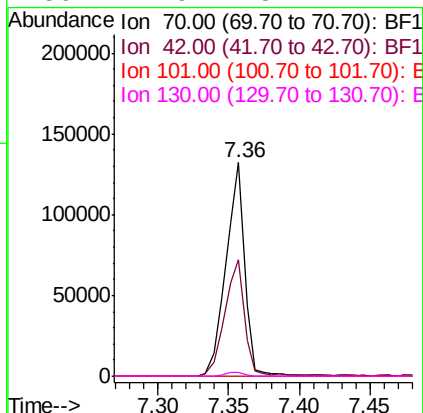
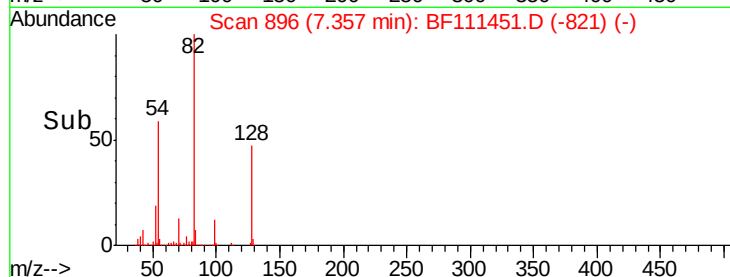
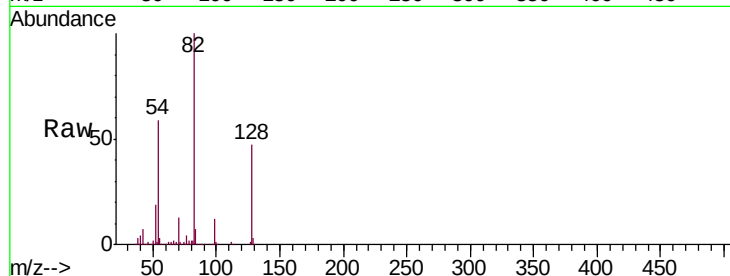




#19
n-Nitroso-di-n-propylamine
Concen: 16.542 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111451.D
Acq: 15 Dec 2018 6:39

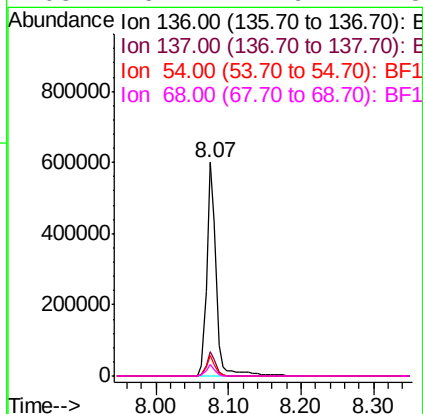
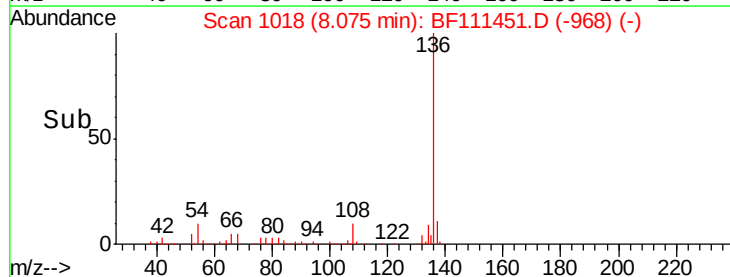
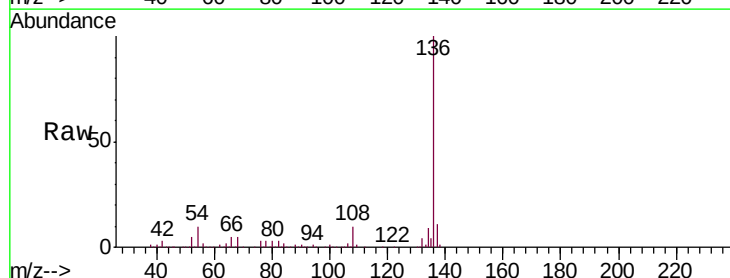
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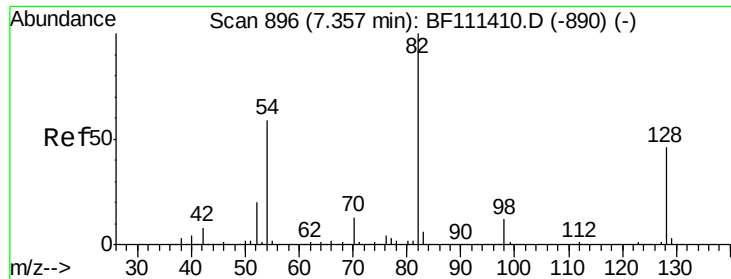
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.5	53.2	79.8
101	0.0	8.2	12.4#
130	1.9	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111451.D
Acq: 15 Dec 2018 6:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.5	7.7	11.5
68	5.1	4.9	7.3

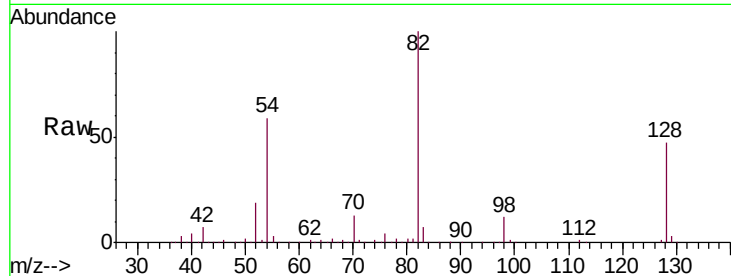




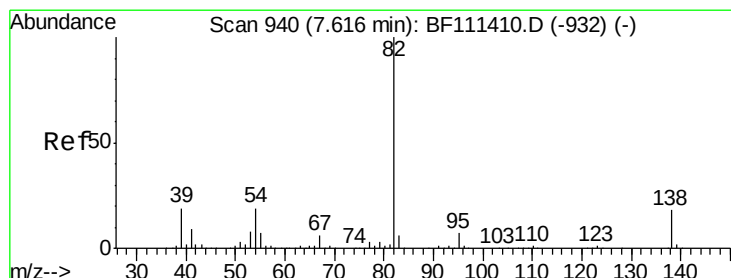
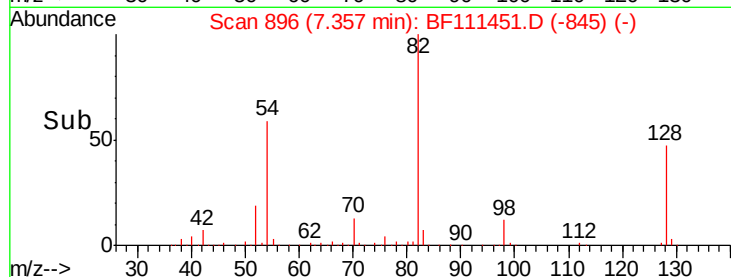
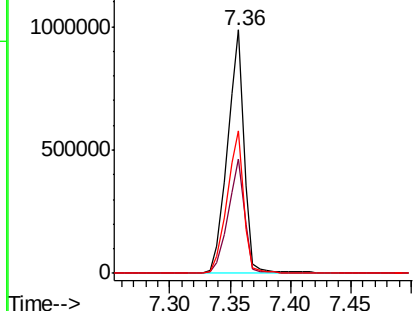
#23
 Nitrobenzene-d5
 Concen: 104.136 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Instrument :
 BNA_F
 ClientSampleId :
 120718-JETT-F-D-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.2
54	58.6	47.6	71.4

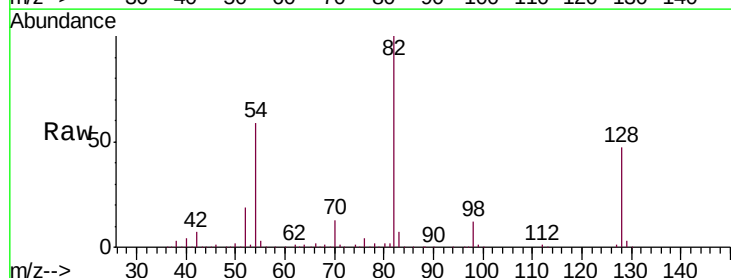


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

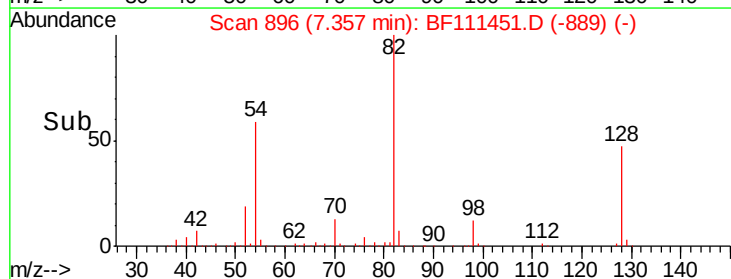
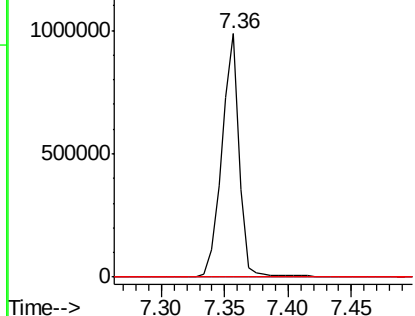


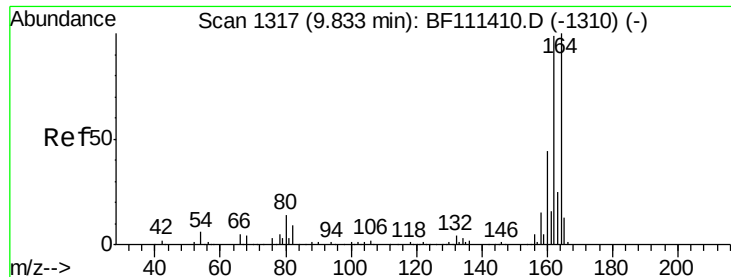
#25
 Isophorone
 Concen: 61.545 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Tgt 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

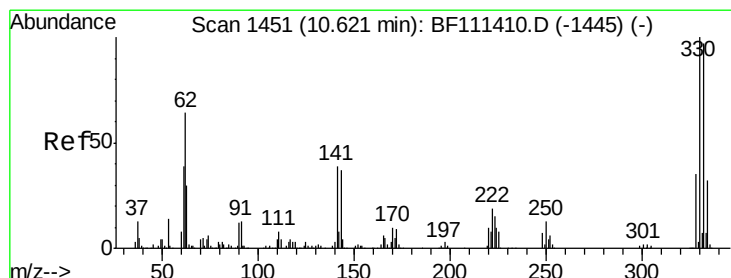
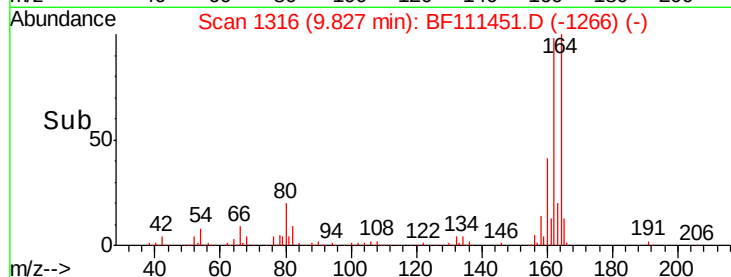
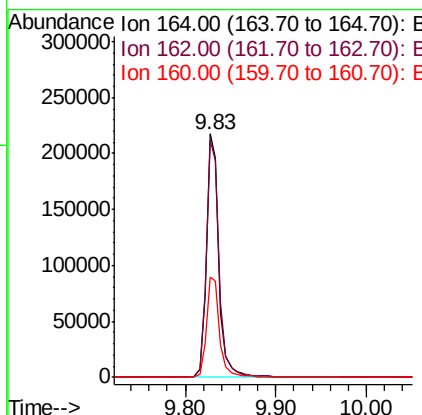
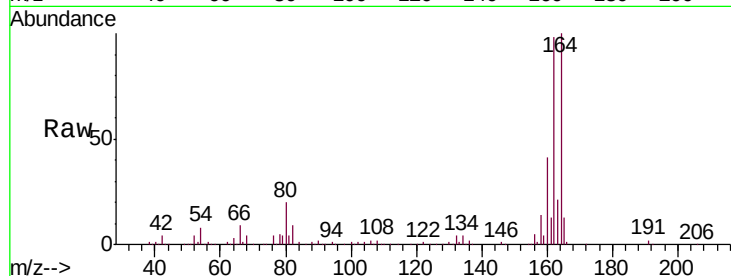




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

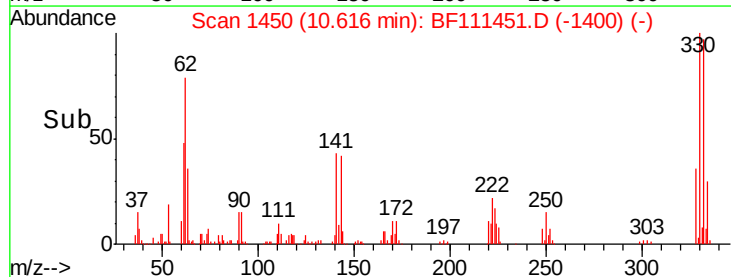
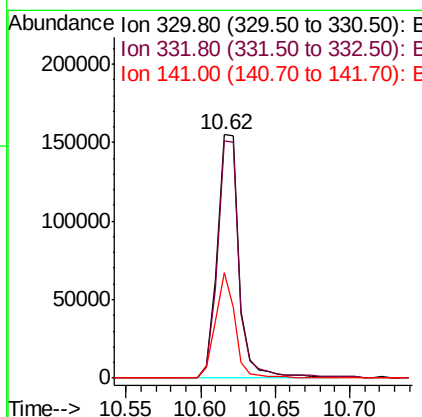
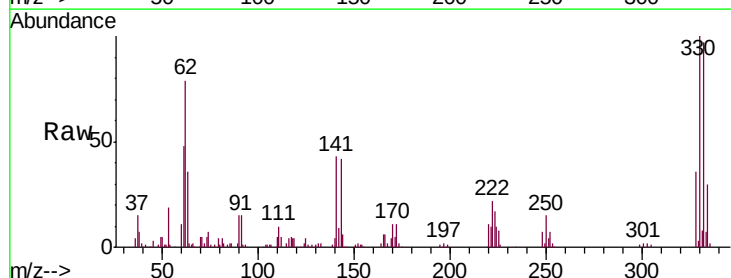
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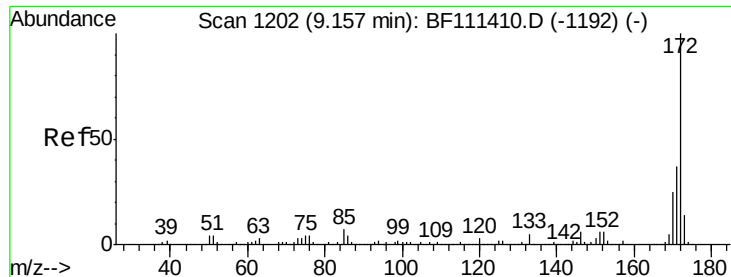
Tgt Ion:164 Resp: 210645
 Ion Ratio Lower Upper
 164 100
 162 97.7 81.4 122.0
 160 41.3 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 84.947 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Tgt Ion:330 Resp: 160289
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.0 114.0
 141 38.8 31.0 46.6

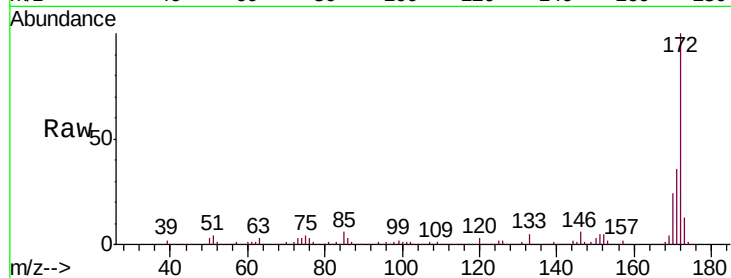




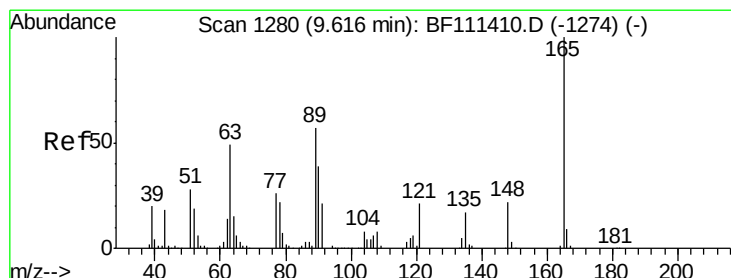
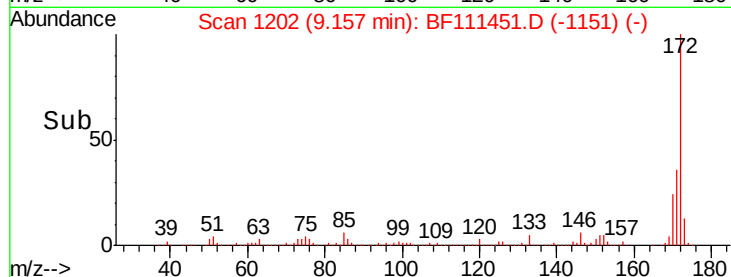
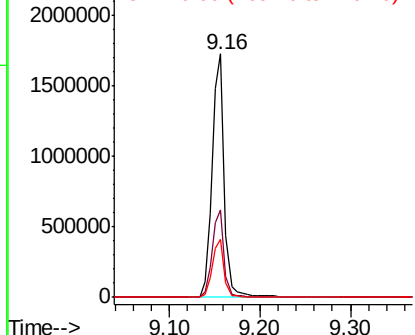
#45
 2-Fluorobiphenyl
 Concen: 119.134 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Instrument :
 BNA_F
 ClientSampleId :
 120718-JETT-F-D-S

Tgt Ion:172 Resp: 1624657
 Ion Ratio Lower Upper
 172 100
 171 35.7 33.0 49.4
 170 23.9 22.3 33.5

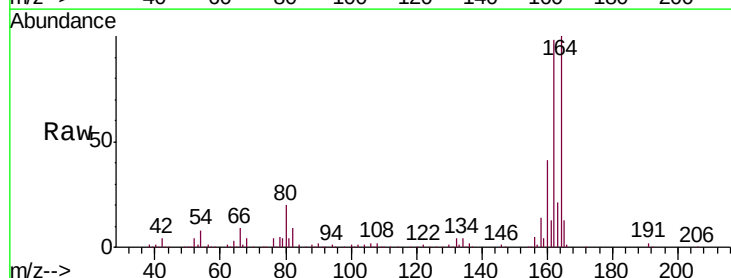


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

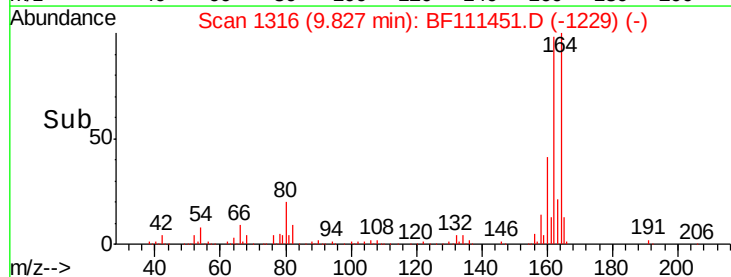
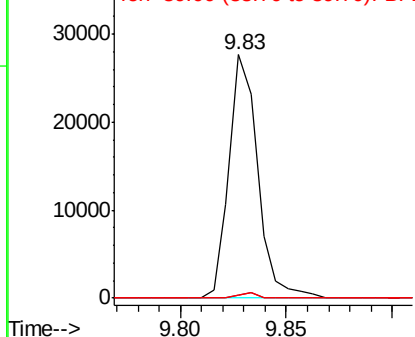


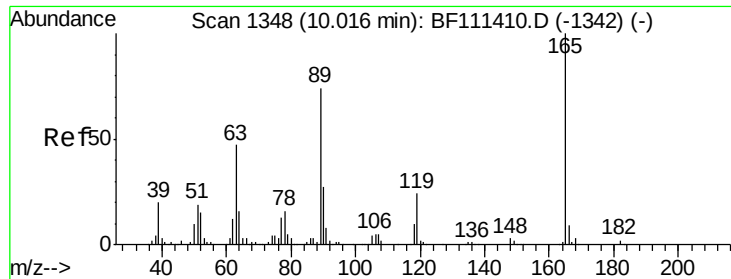
#51
 2,6-Dinitrotoluene
 Concen: 7.602 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Tgt Ion:165 Resp: 25957
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.5 60.7#
 89 1.3 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

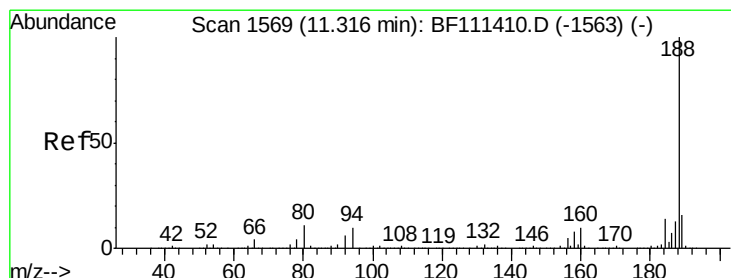
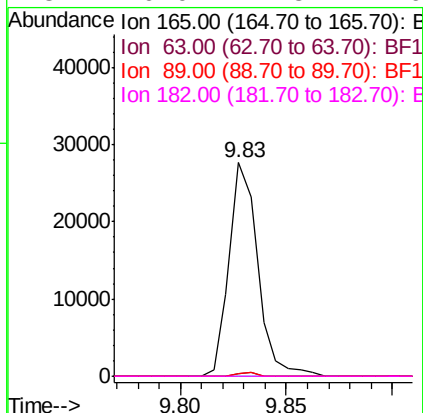
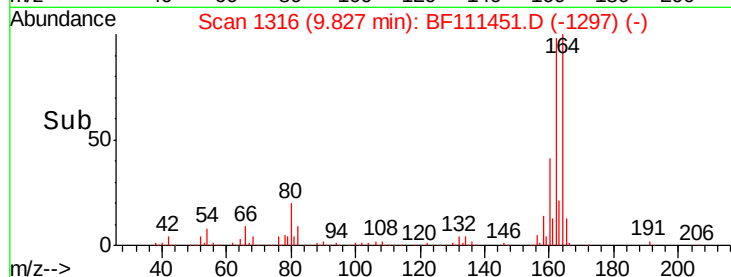
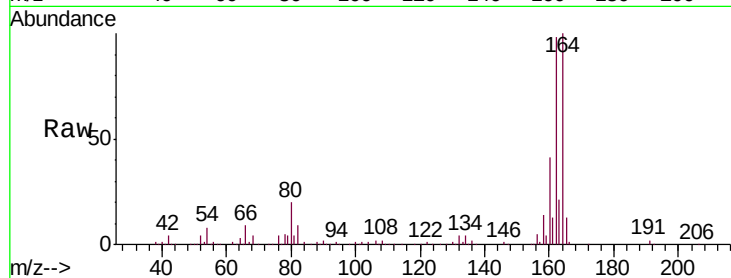




#57
 2,4-Dinitrotoluene
 Concen: 5.792 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

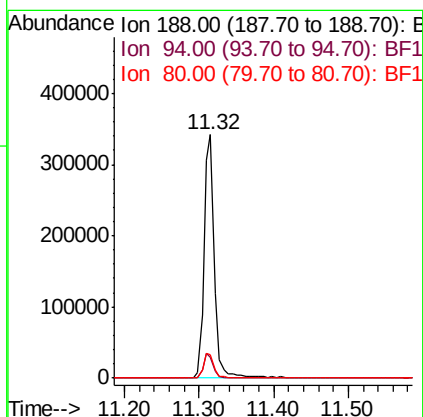
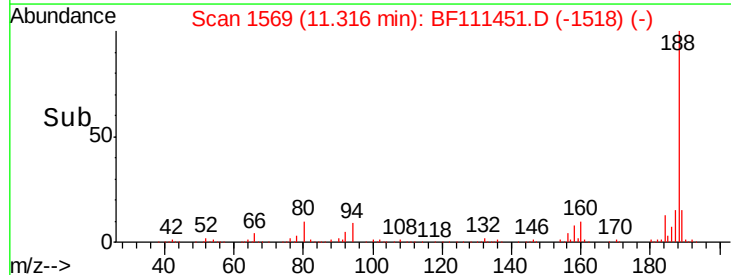
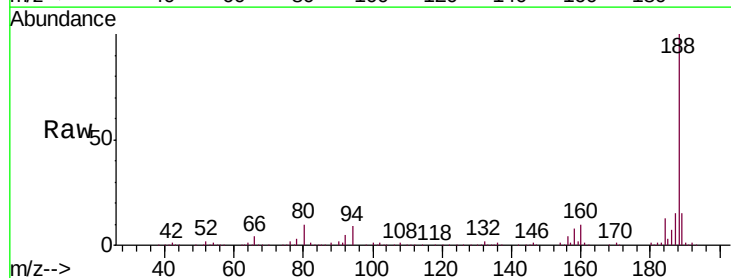
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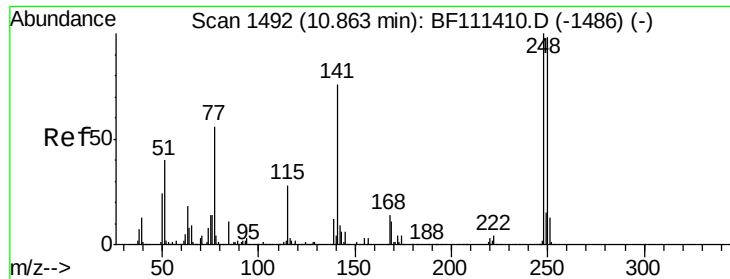
Tgt Ion:	165	Resp:	25957
Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Tgt Ion:	188	Resp:	334560
Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.6	14.4#
80	9.7	9.8	14.6#

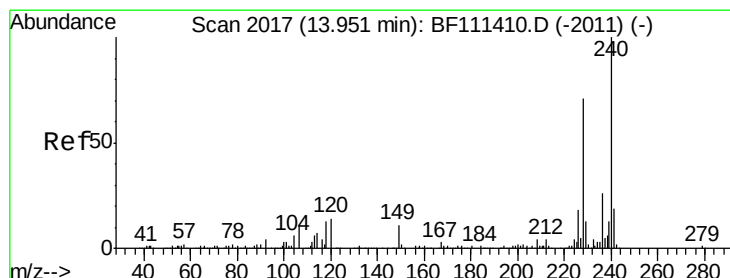
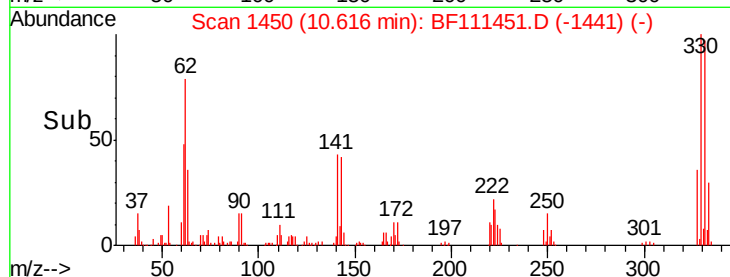
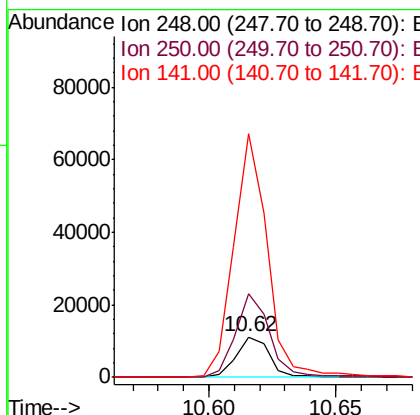
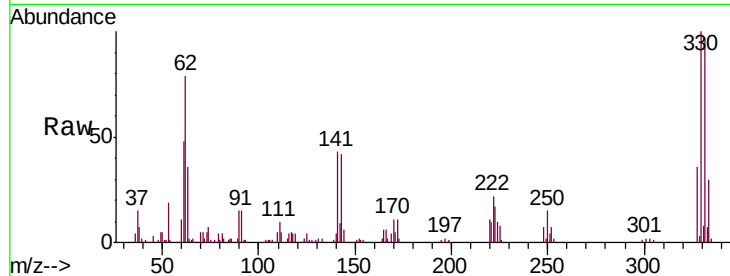




#67
 4-Bromophenyl-phenylether
 Concen: 2.812 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

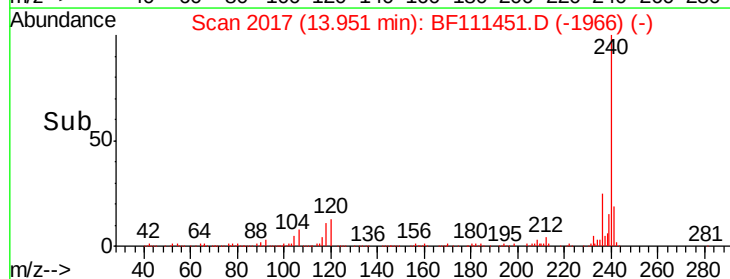
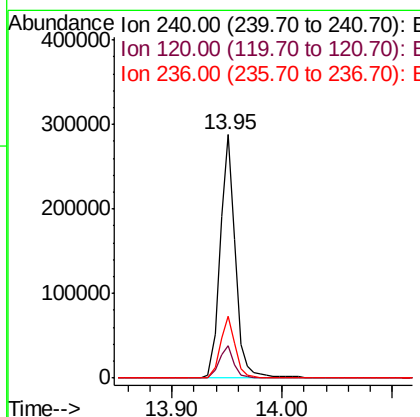
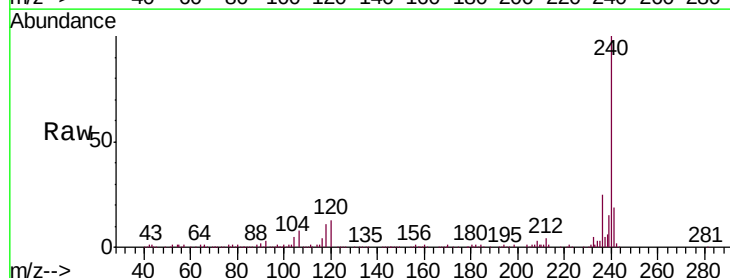
Instrument :
 BNA_F
 ClientSampleId :
 120718-JETT-F-D-S

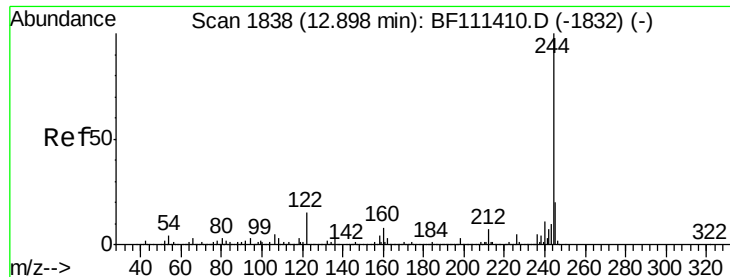
Tgt Ion	Ratio	Lower	Upper
248	100		
250	206.7	77.0	115.4#
141	602.1	63.0	94.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	12.2	18.2
236	25.2	20.2	30.2





#79

Terphenyl-d14

Concen: 104.711 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF111451.D

Acq: 15 Dec 2018 6:39

Instrument :

BNA_F

ClientSampleId :

120718-JETT-F-D-S

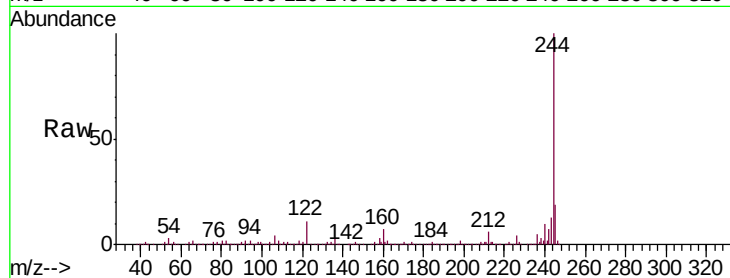
Tgt Ion:244 Resp: 1234966

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

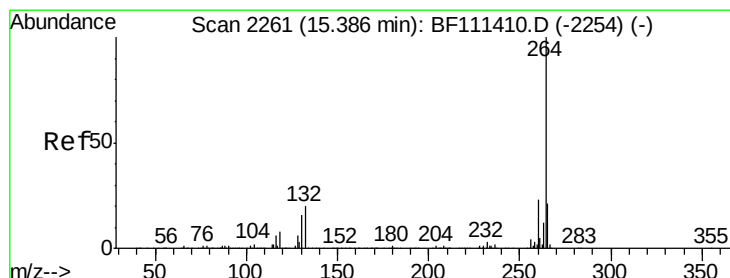
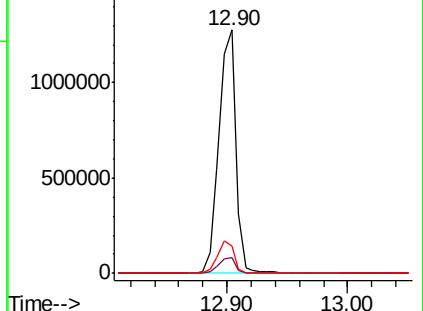
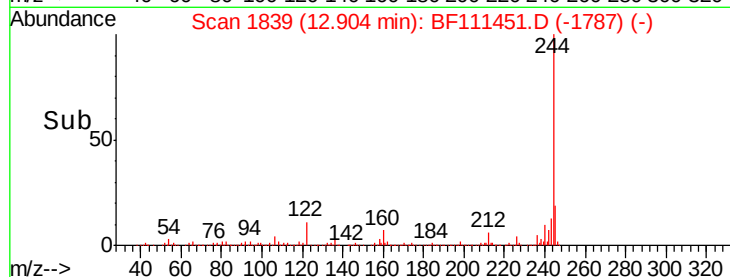
122 11.3 13.1 19.7#



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# 2262

Delta R.T. 0.01 min

Lab File: BF111451.D

Acq: 15 Dec 2018 6:39

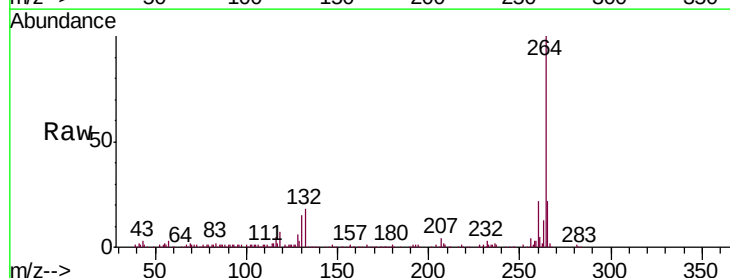
Tgt Ion:264 Resp: 181007

Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 21.5 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

