

Data File : BF111486.D
Acq On : 16 Dec 2018 00:42
Operator : JU/SJ
Sample : J6341-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Dec 16 02:45:00 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

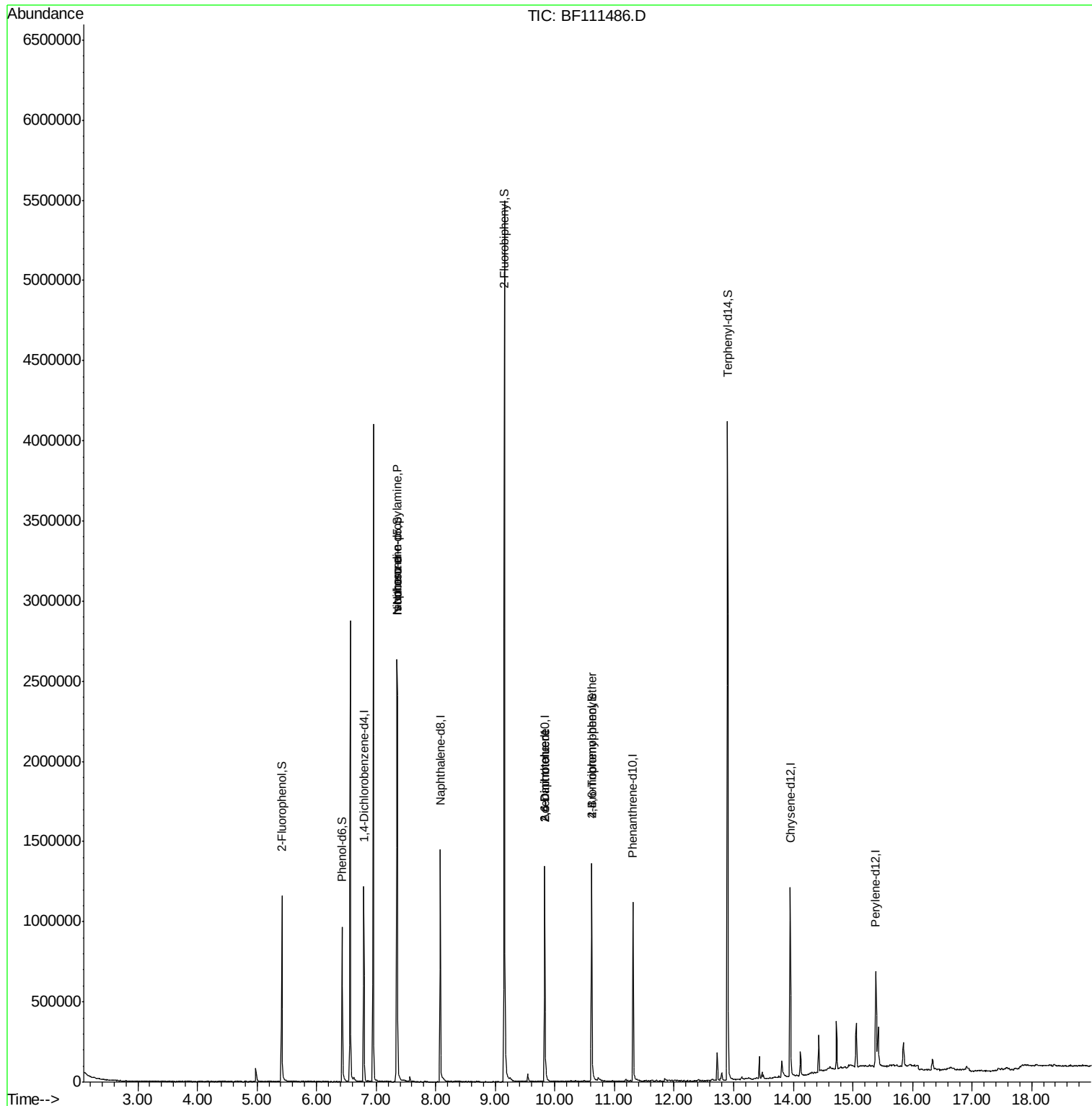
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	162451	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	638668	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	300247	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	443897	20.00	ng	0.00
76) Chrysene-d12	13.95	240	421608	20.00	ng	0.00
87) Perylene-d12	15.39	264	303683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	354340	36.30	ng	0.00
7) Phenol-d6	6.43	99	295163	22.73	ng	-0.01
23) Nitrobenzene-d5	7.35	82	909789	84.83	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	163056	60.63	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1858196	95.60	ng	0.00
79) Terphenyl-d14	12.90	244	1413485	78.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	118712	13.857	ng	# 80
25) Isophorone	7.35	82	909779	50.133	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	37311	7.666	ng	# 30
57) 2,4-Dinitrotoluene	9.83	165	37312	5.841	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	10234	2.139	ng	# 1

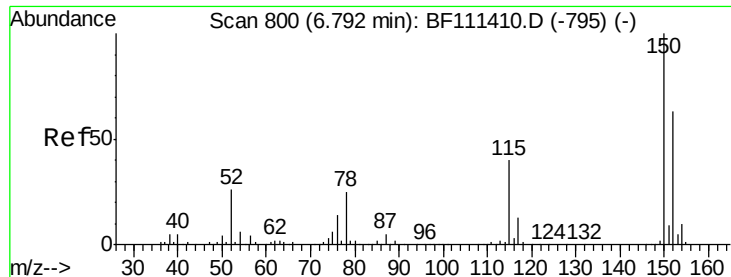
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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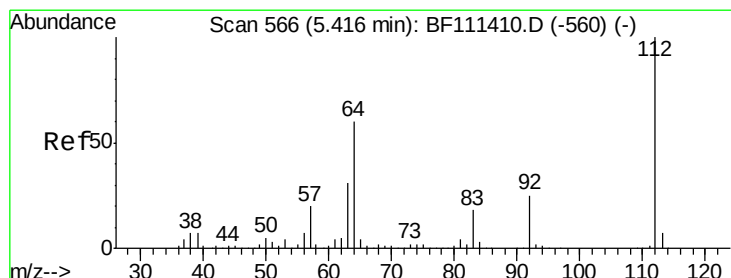
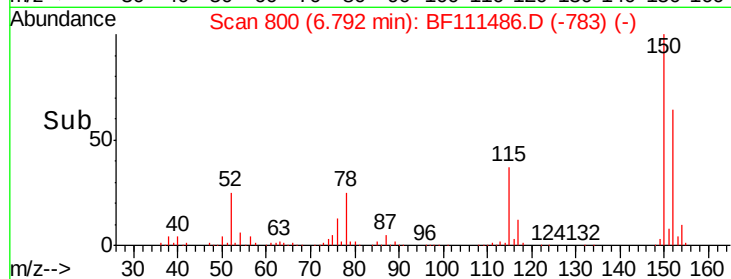
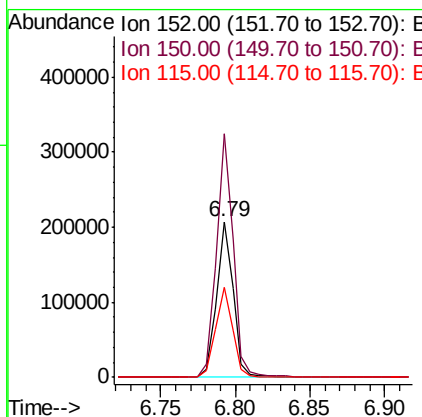
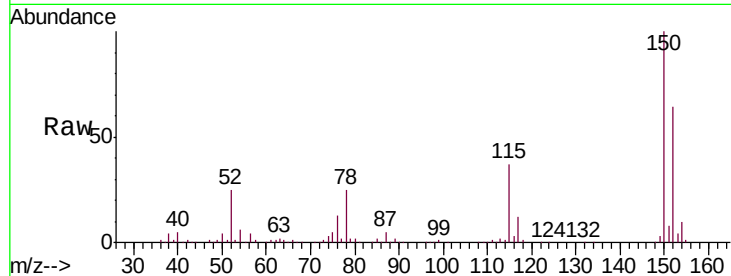




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111486.D
 Acq: 16 Dec 2018 00:42

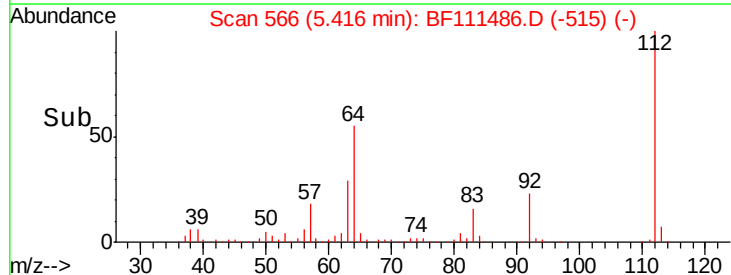
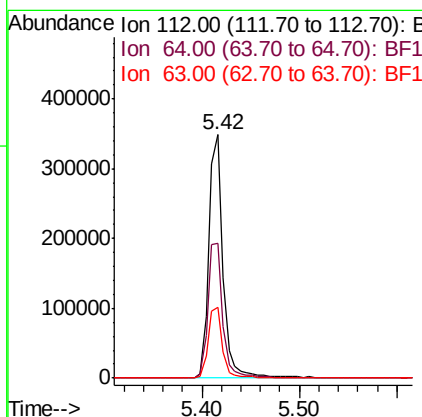
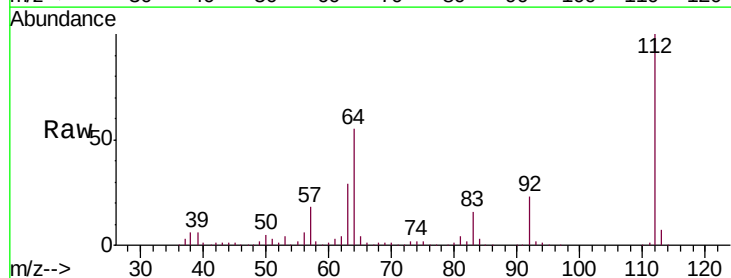
Instrument :
 BNA_F
 ClientSampleId :
 121018-JETT-F-D-S

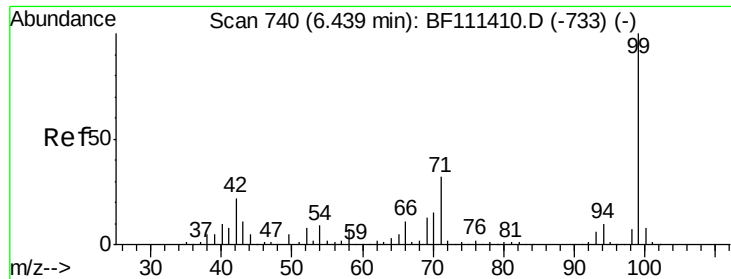
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	57.8	50.7	76.1



#5
 2-Fluorophenol
 Concen: 36.297 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111486.D
 Acq: 16 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	51.8	77.6
63	29.1	26.8	40.2





#7

Phenol-d6

Concen: 22.730 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111486.D

Acq: 16 Dec 2018 00:42

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-D-S

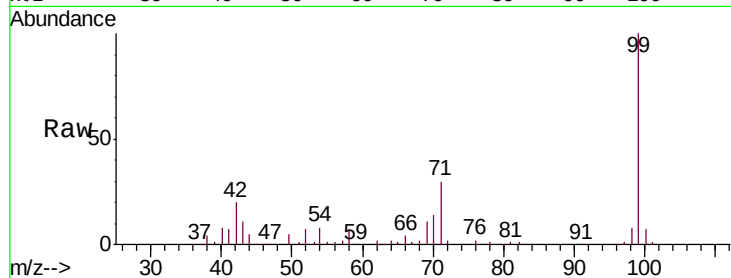
Tgt Ion: 99 Resp: 295163

Ion Ratio Lower Upper

99 100

42 20.4 17.4 26.0

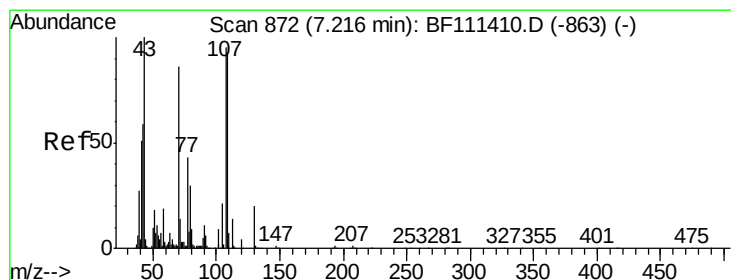
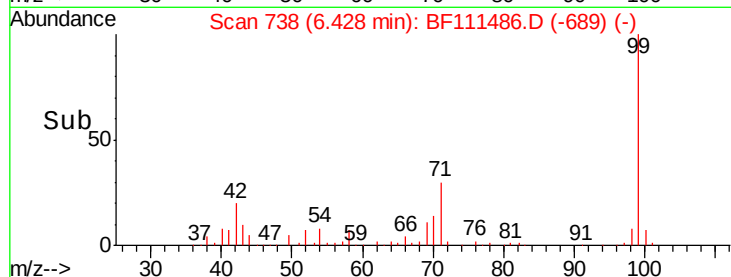
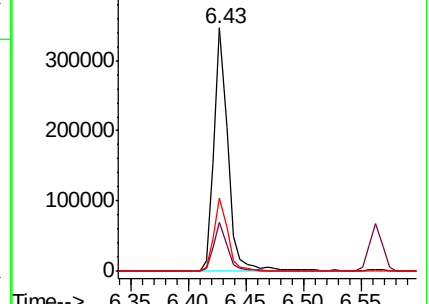
71 30.3 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.857 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111486.D

Acq: 16 Dec 2018 00:42

Tgt Ion: 70 Resp: 118712

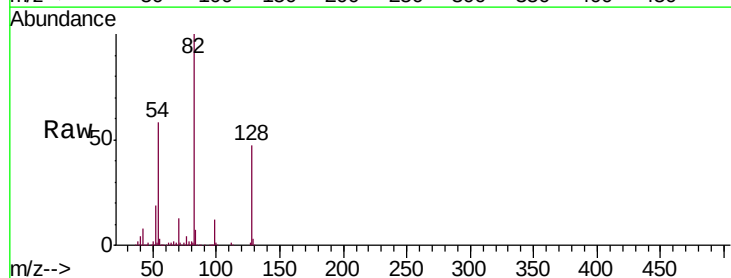
Ion Ratio Lower Upper

70 100

42 57.9 53.2 79.8

101 0.0 8.2 12.4#

130 2.3 18.1 27.1#

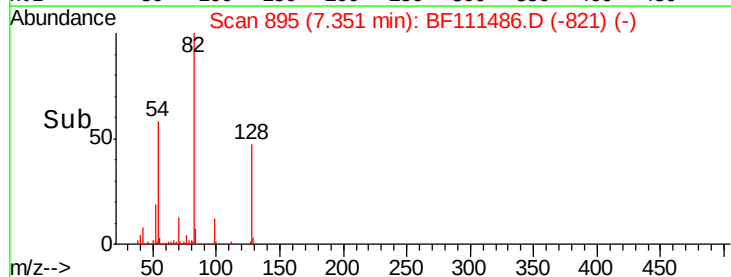
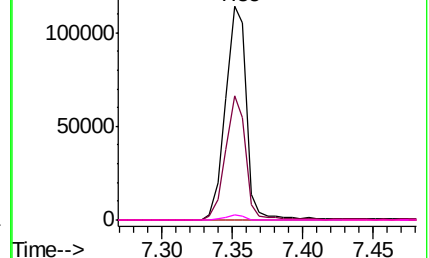


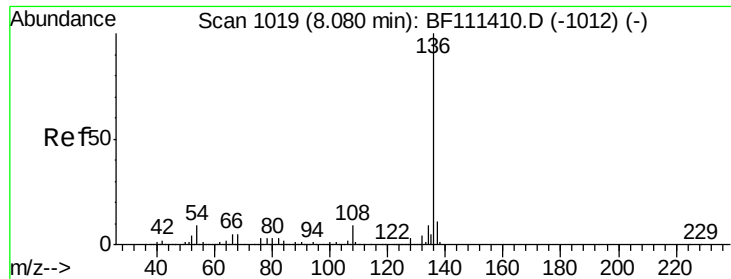
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

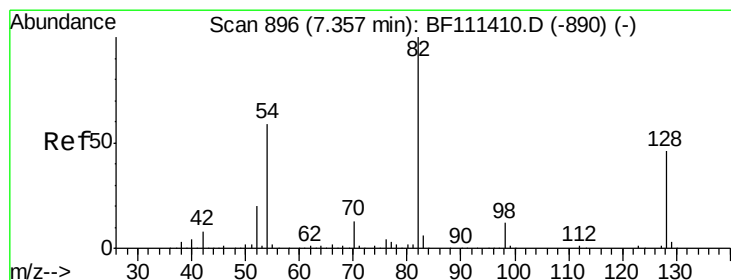
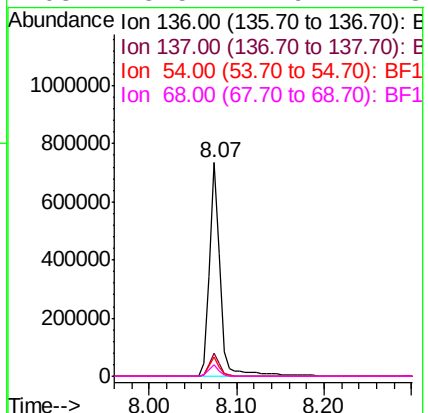
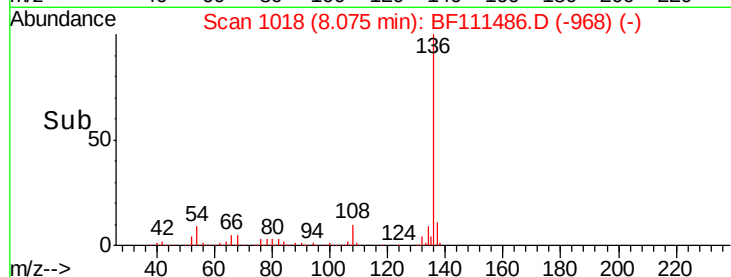
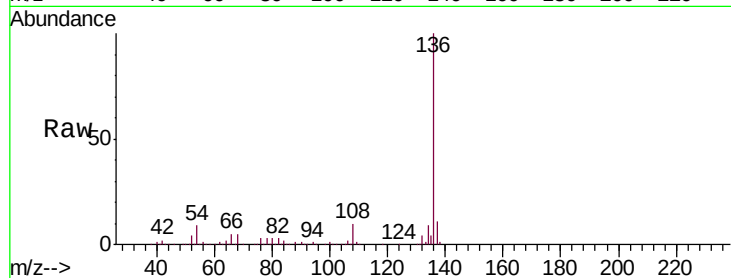




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111486.D
Acq: 16 Dec 2018 00:42

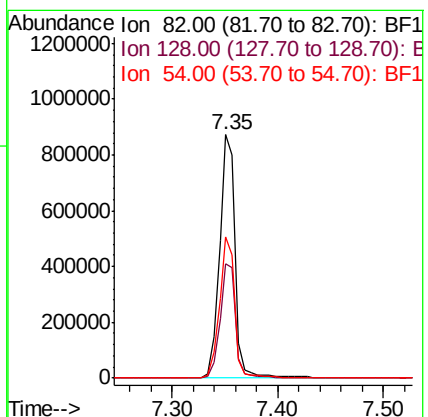
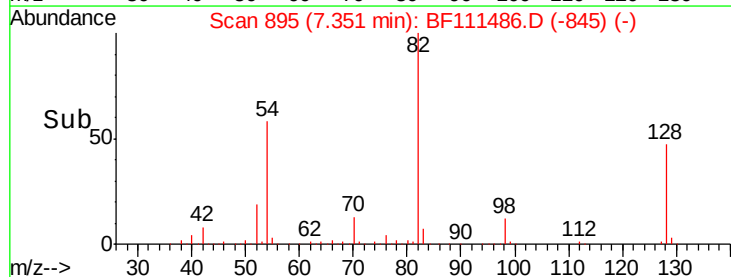
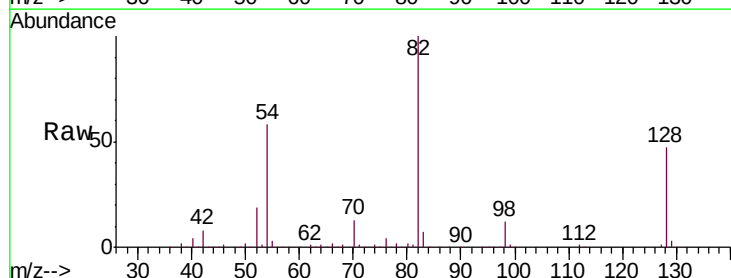
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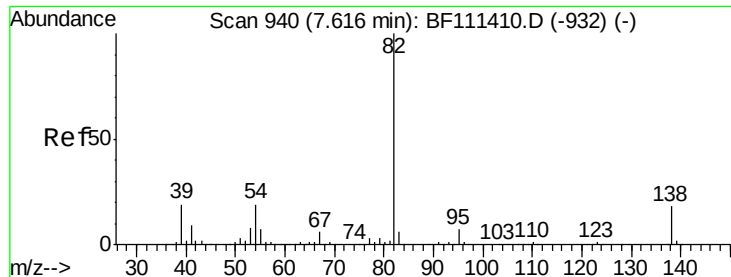
Tgt Ion:	136	Resp:	638668
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.1	7.7	11.5
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 84.828 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111486.D
Acq: 16 Dec 2018 00:42

Tgt Ion:	82	Resp:	909789
Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.2
54	58.0	47.6	71.4





#25

Isophorone

Concen: 50.133 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111486.D

Acq: 16 Dec 2018 00:42

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-D-S

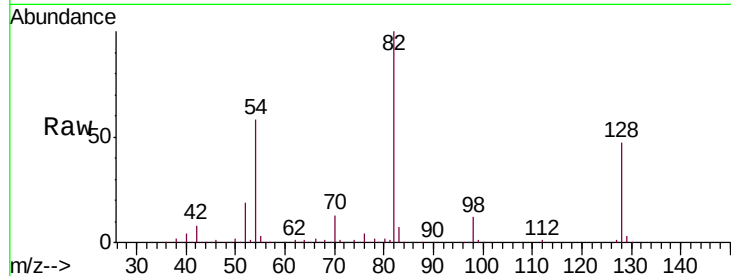
Tgt Ion: 82 Resp: 909779

Ion Ratio Lower Upper

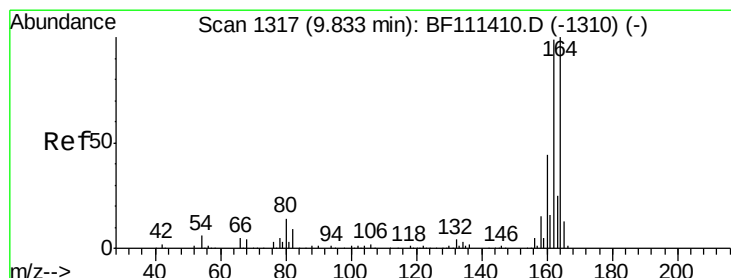
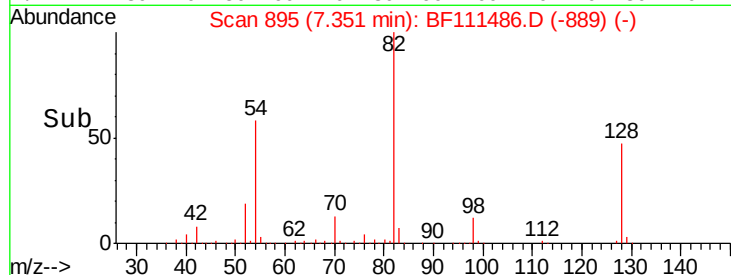
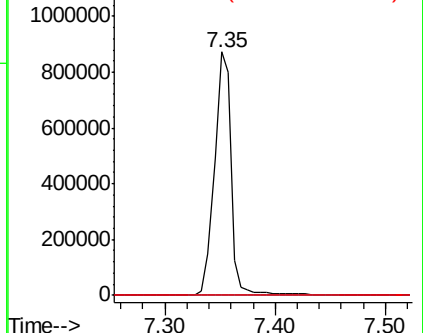
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111486.D

Acq: 16 Dec 2018 00:42

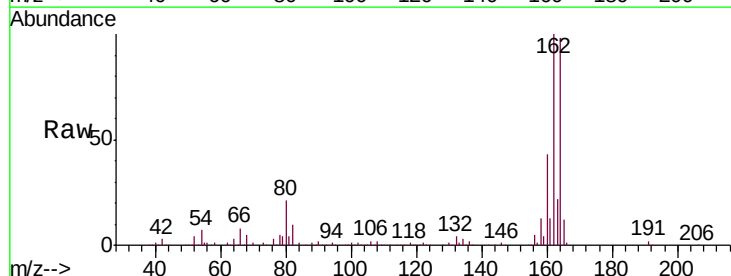
Tgt Ion: 164 Resp: 300247

Ion Ratio Lower Upper

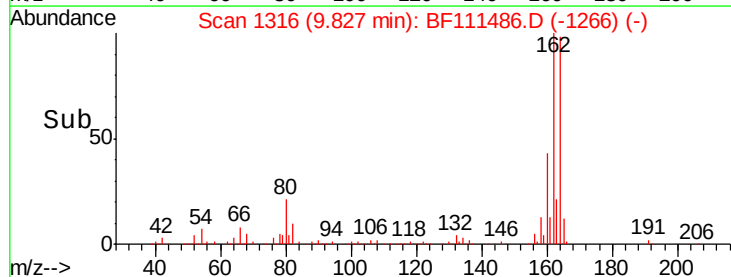
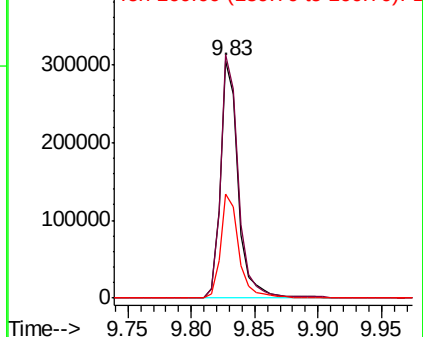
164 100

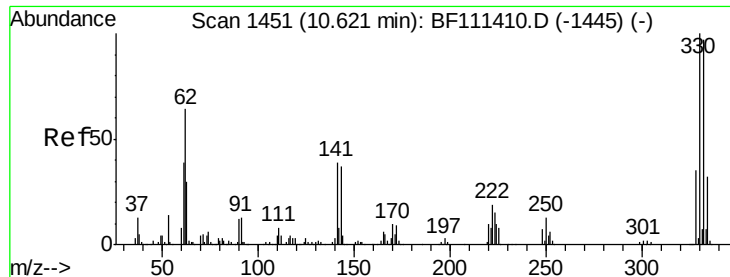
162 102.5 81.4 122.0

160 43.8 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

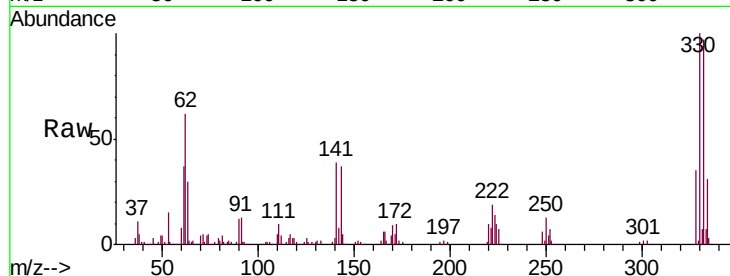




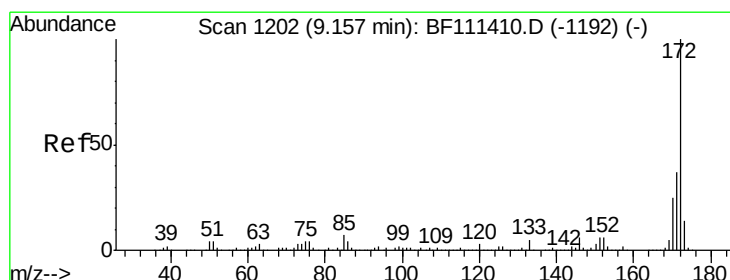
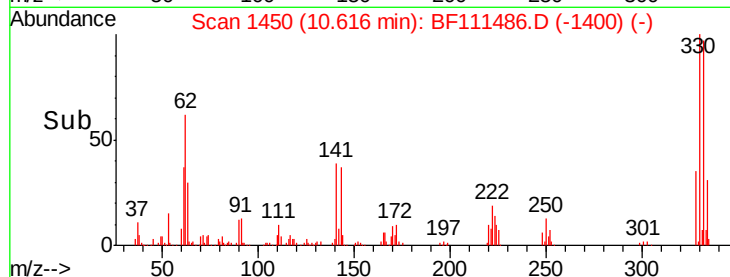
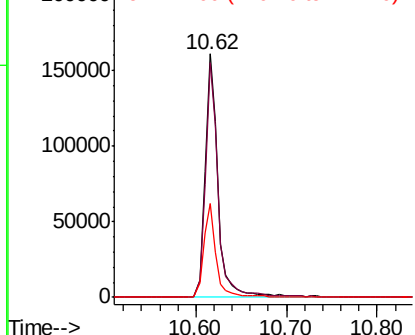
#42
 2,4,6-Tribromophenol
 Concen: 60.625 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111486.D
 Acq: 16 Dec 2018 00:42

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

Tgt Ion:330 Resp: 163056
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.0 114.0
 141 37.5 31.0 46.6

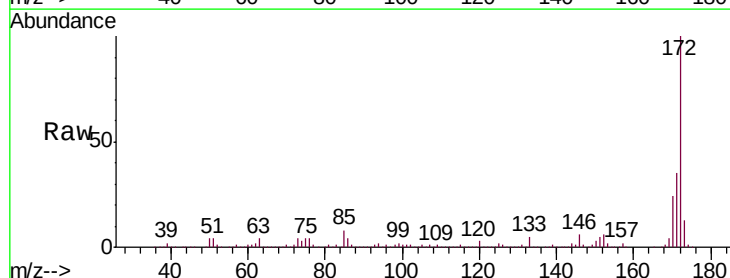


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

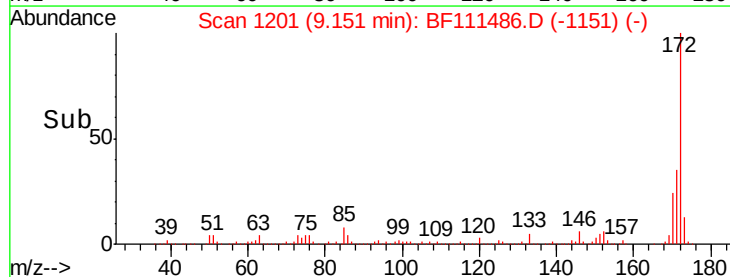
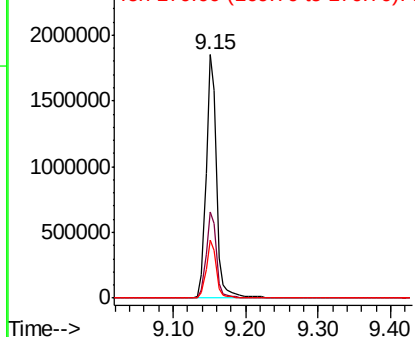


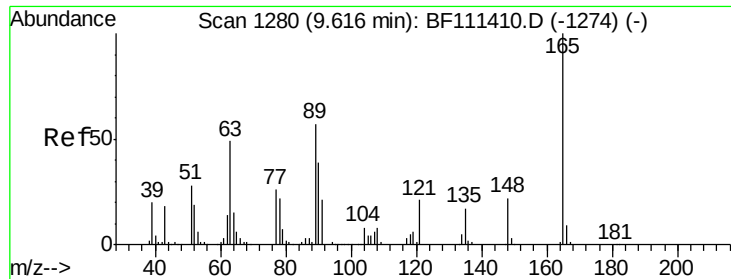
#45
 2-Fluorobiphenyl
 Concen: 95.596 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111486.D
 Acq: 16 Dec 2018 00:42

Tgt Ion:172 Resp: 1858196
 Ion Ratio Lower Upper
 172 100
 171 35.5 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

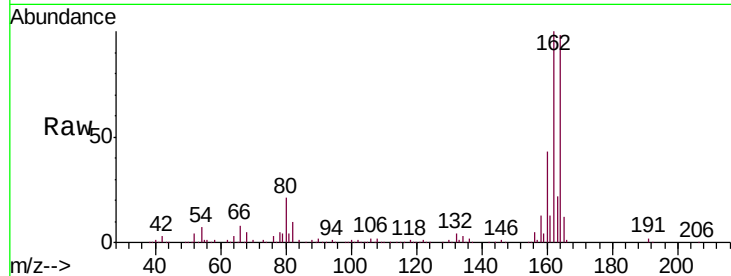




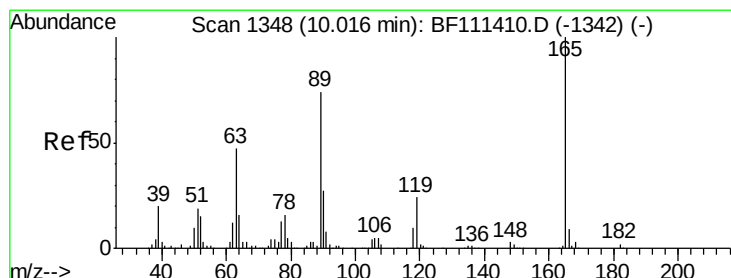
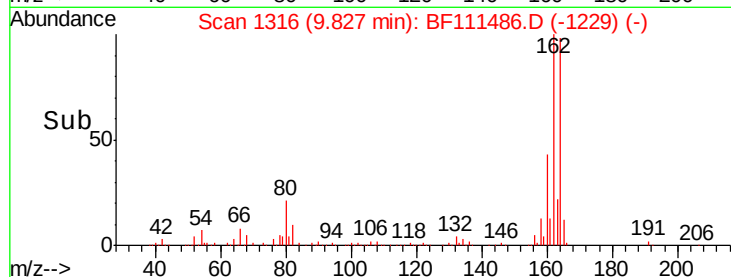
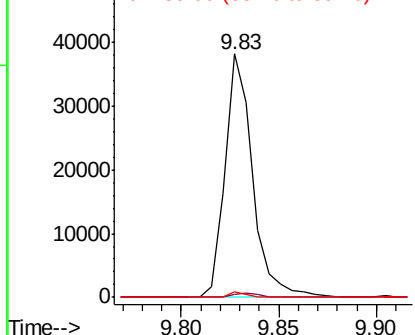
#51
 2,6-Dinitrotoluene
 Concen: 7.666 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111486.D
 Acq: 16 Dec 2018 00:42

Instrument :
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 121018-JETT-F-D-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.5	60.7#
89	2.1	40.0	60.0#



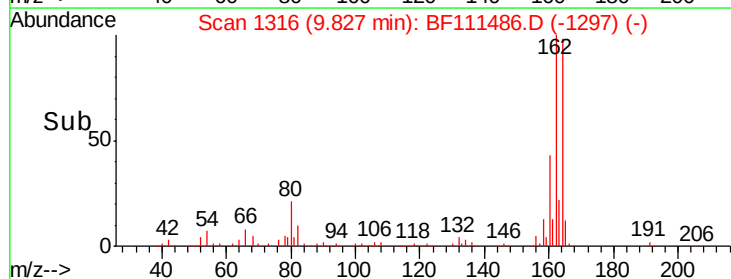
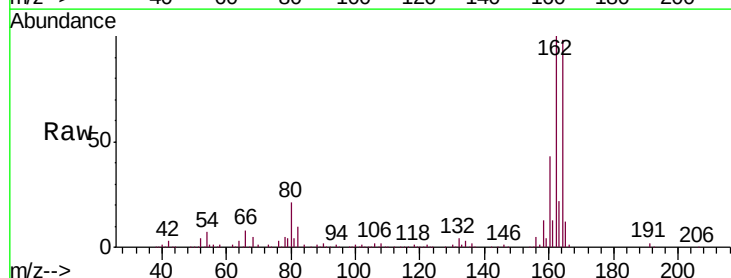
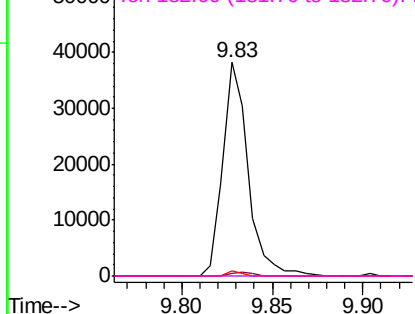
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

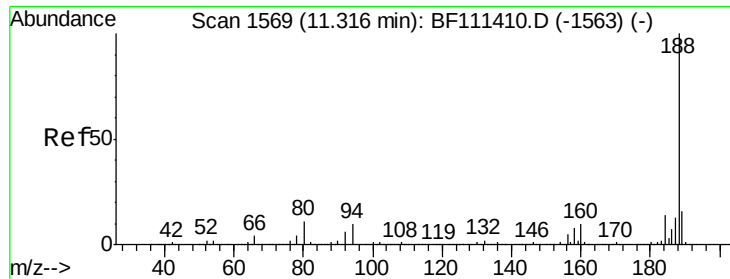


#57
 2,4-Dinitrotoluene
 Concen: 5.841 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111486.D
 Acq: 16 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	2.1	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

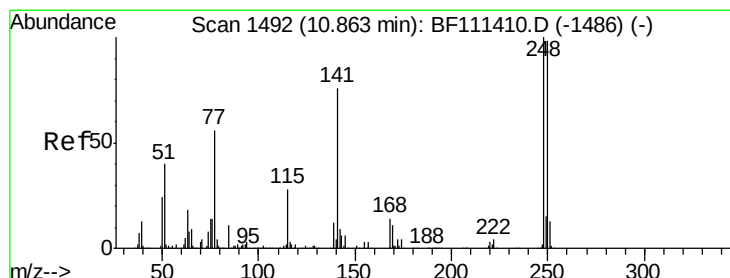
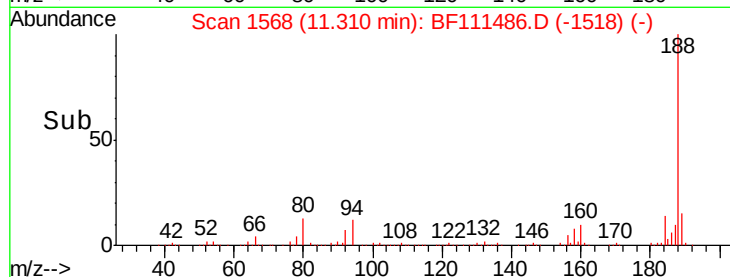
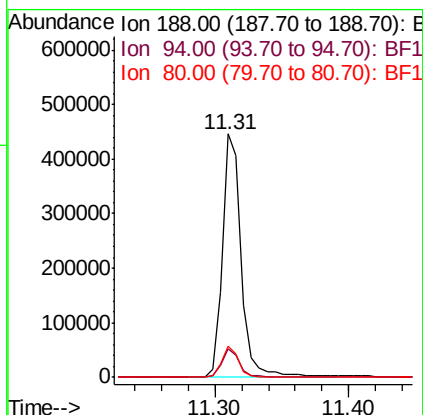
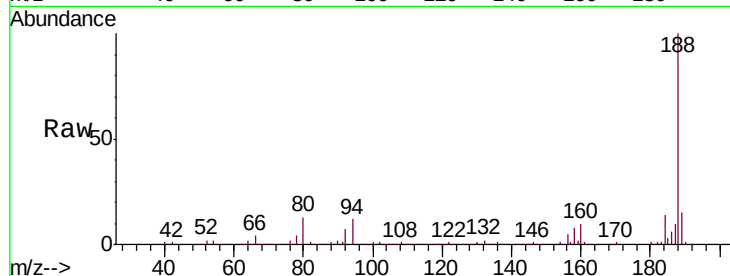




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111486.D
 Acq: 16 Dec 2018 00:42

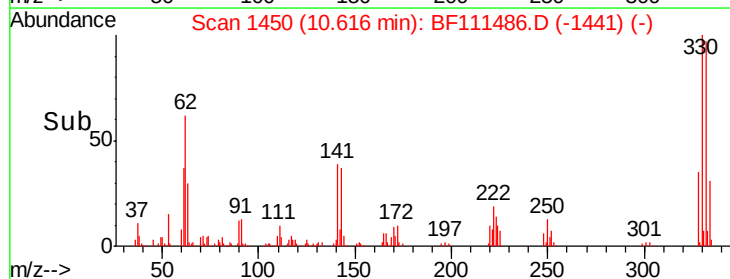
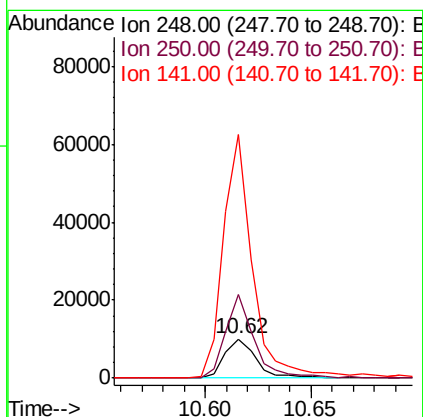
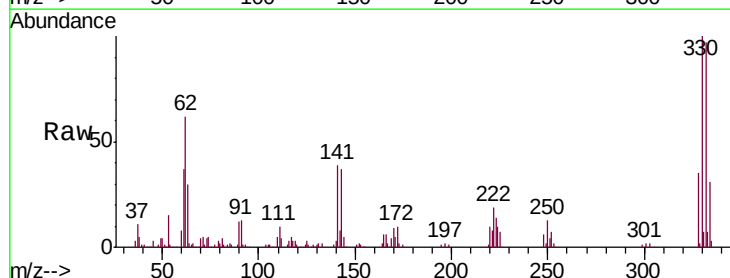
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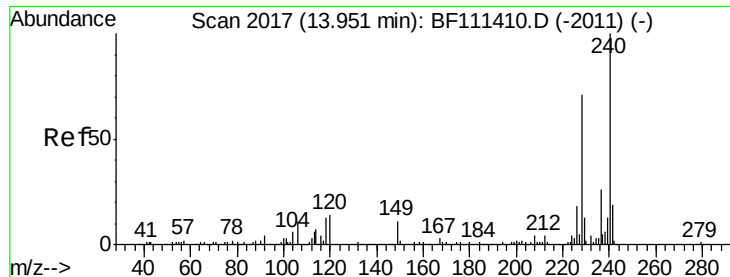
Tgt Ion:188 Resp: 443897
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.6 14.4
 80 13.0 9.8 14.6



#67
 4-Bromophenyl-phenylether
 Concen: 2.139 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111486.D
 Acq: 16 Dec 2018 00:42

Tgt Ion:248 Resp: 10234
 Ion Ratio Lower Upper
 248 100
 250 216.3 77.0 115.4#
 141 625.6 63.0 94.6#

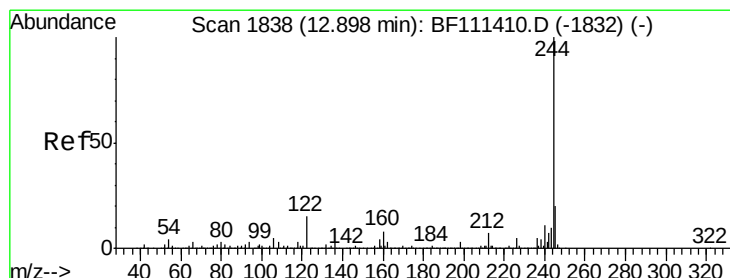
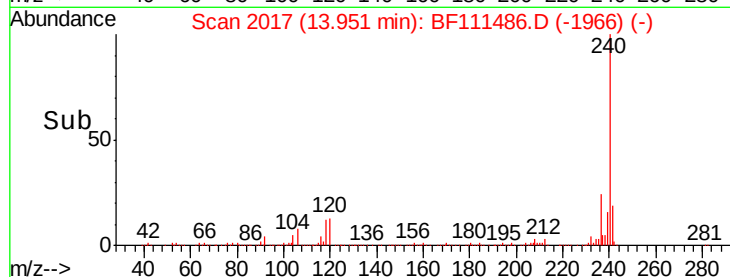
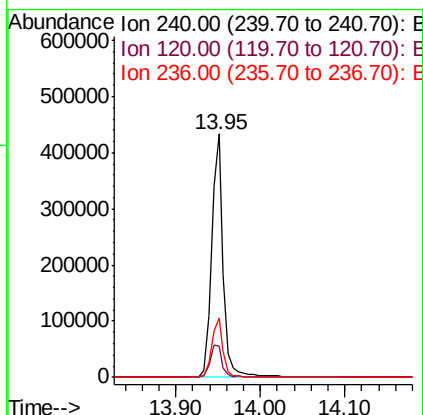
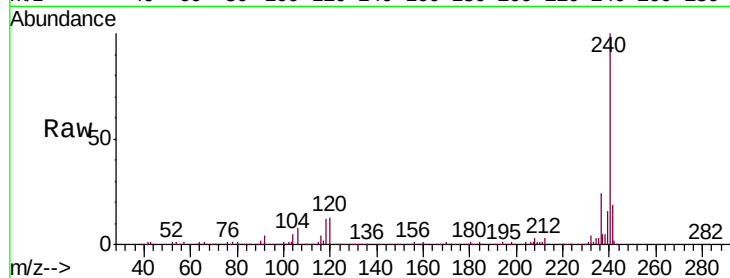




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111486.D
Acq: 16 Dec 2018 00:42

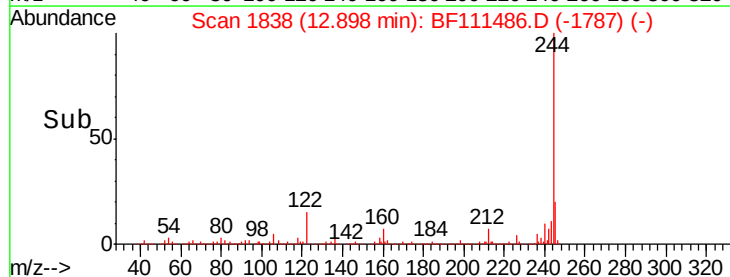
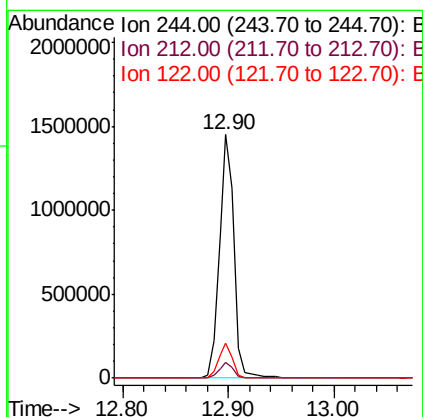
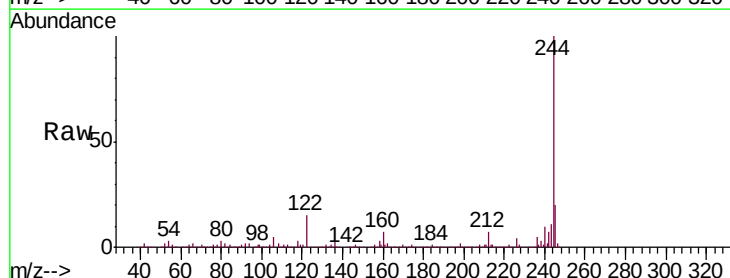
Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-D-S

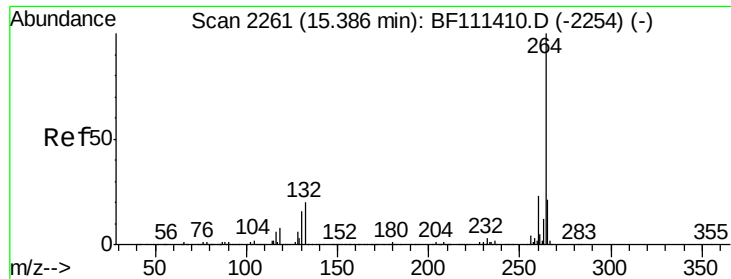
Tgt Ion:240 Resp: 421608
Ion Ratio Lower Upper
240 100
120 12.9 12.2 18.2
236 24.2 20.2 30.2



#79
Terphenyl-d14
Concen: 78.727 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF111486.D
Acq: 16 Dec 2018 00:42

Tgt Ion:244 Resp: 1413485
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 14.6 13.1 19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111486.D
Acq: 16 Dec 2018 00:42

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	21.0	17.7	26.5

