

Data File : BF111453.D
Acq On : 15 Dec 2018 7:35
Operator : JU/SJ
Sample : J6363-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121118-JETT-F-D-S

Quant Time: Dec 15 23:34:27 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	138608	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	533795	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	202454	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	323219	20.00	ng	0.00
76) Chrysene-d12	13.95	240	270758	20.00	ng	0.00
87) Perylene-d12	15.39	264	180098	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	412053	49.47	ng	0.00
7) Phenol-d6	6.43	99	311779	28.14	ng	-0.01
23) Nitrobenzene-d5	7.36	82	882522	98.45	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	150783	83.14	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1478047	112.77	ng	0.00
79) Terphenyl-d14	12.90	244	1193641	103.52	ng	0.00

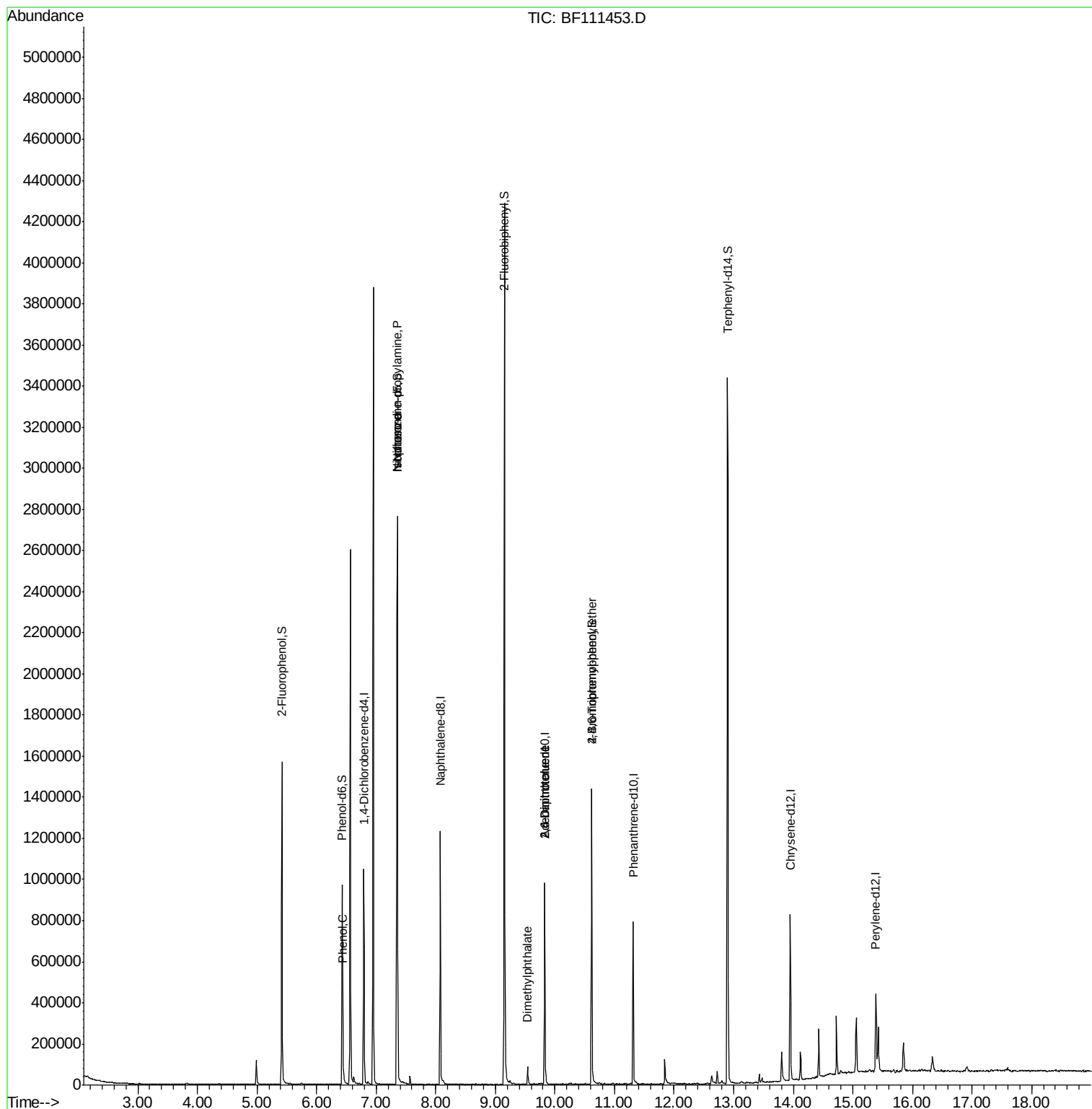
Target Compounds				Qvalue		
10) Phenol	6.45	94	42098	3.411	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	112430	15.381	ng	# 78
25) Isophorone	7.36	82	882515	58.185	ng	# 64
50) Dimethylphthalate	9.55	163	39339	2.698	ng	98
51) 2,6-Dinitrotoluene	9.83	165	25518	7.775	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	25518	5.924	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	9656	2.772	ng	# 1

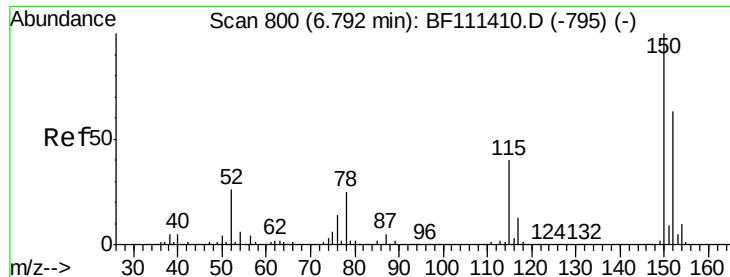
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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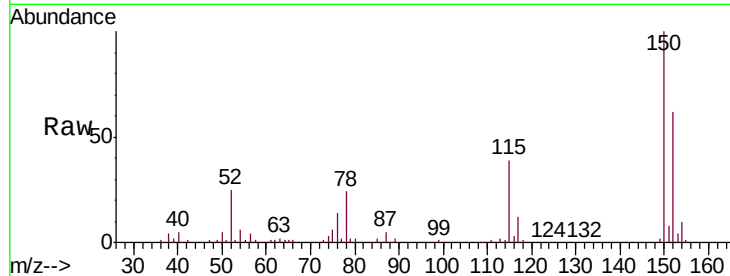


#1

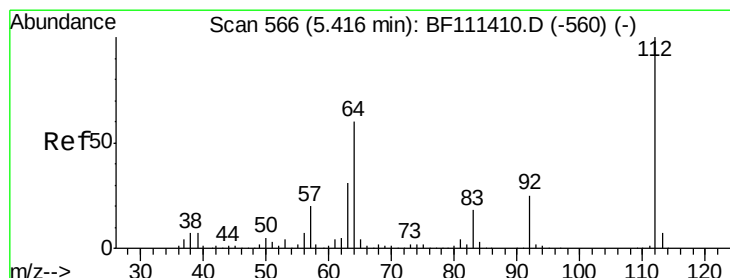
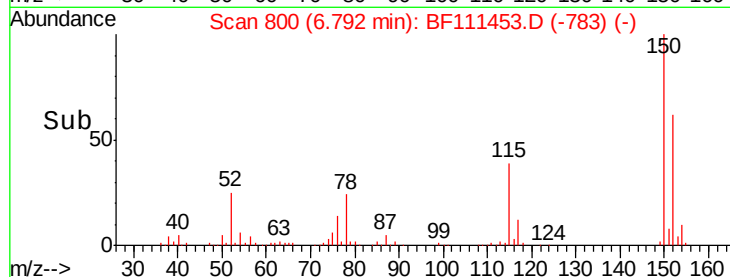
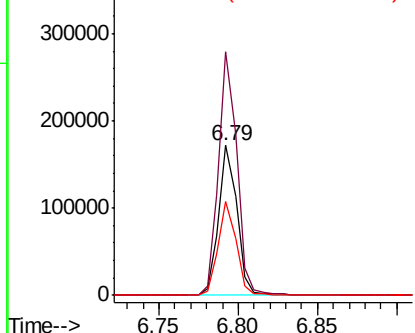
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :
 121118-JETT-F-D-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.5	126.6	189.8
115	62.6	50.7	76.1



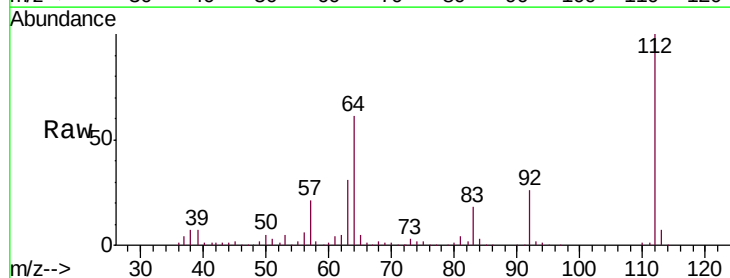
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



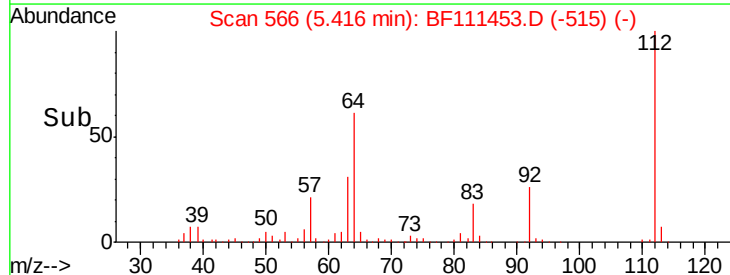
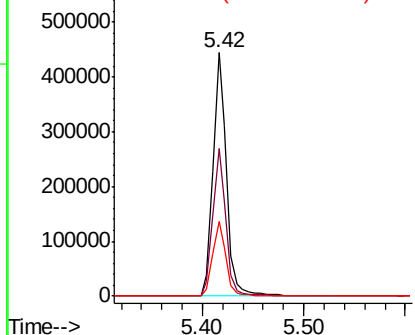
#5

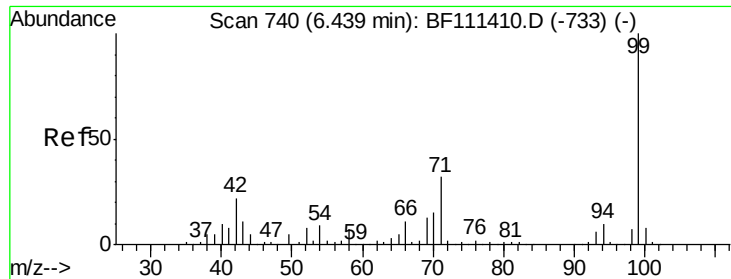
2-Fluorophenol
 Concen: 49.469 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	51.8	77.6
63	30.8	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: 28.140 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111453.D

Acq: 15 Dec 2018 7:35

Instrument :

BNA_F

ClientSampleId :

121118-JETT-F-D-S

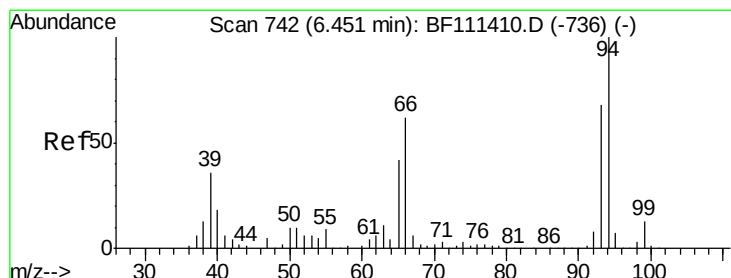
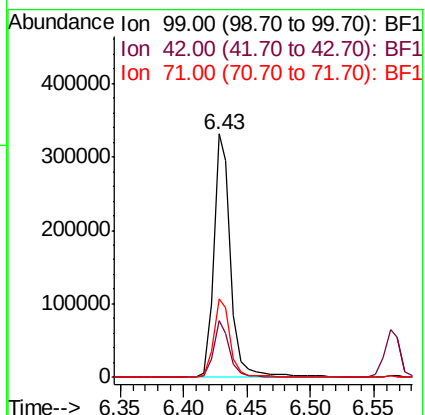
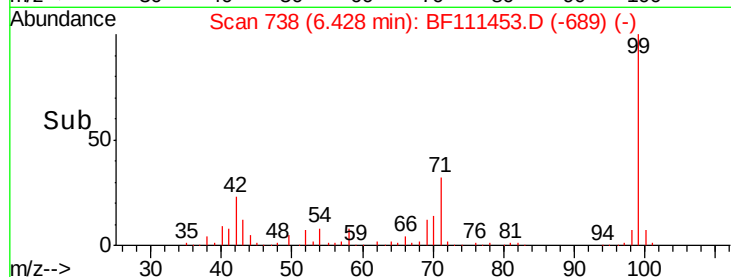
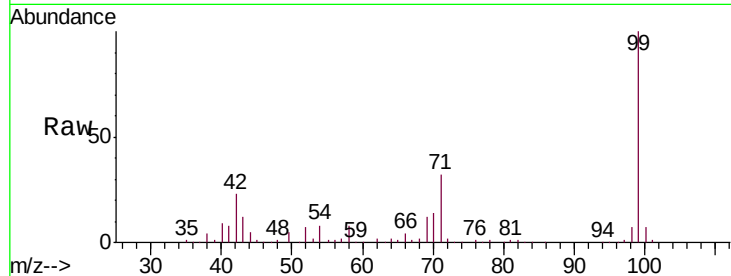
Tgt Ion: 99 Resp: 311779

Ion Ratio Lower Upper

99 100

42 23.4 17.4 26.0

71 32.4 26.1 39.1



#10

Phenol

Concen: 3.411 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111453.D

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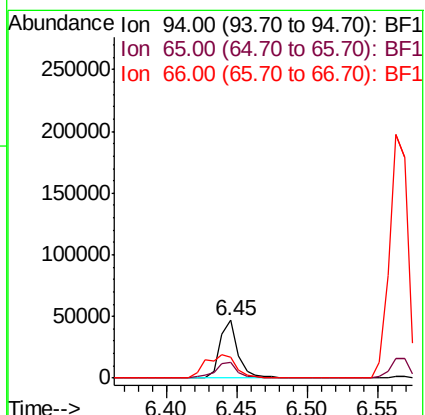
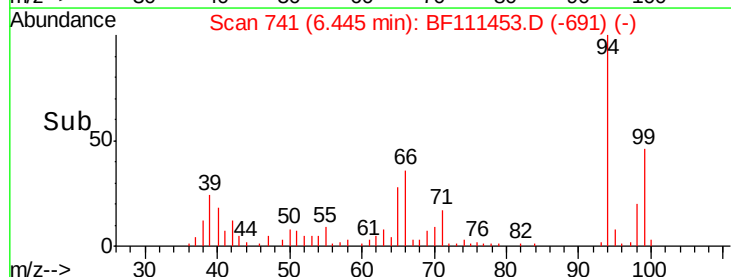
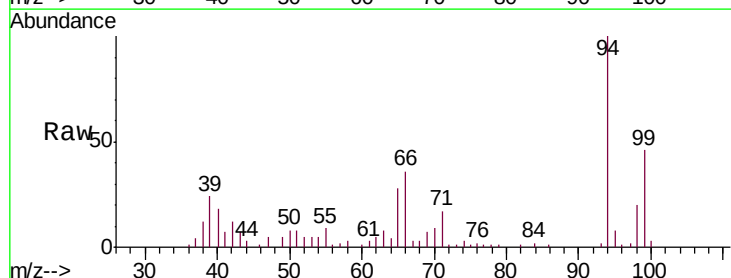
Tgt Ion: 94 Resp: 42098

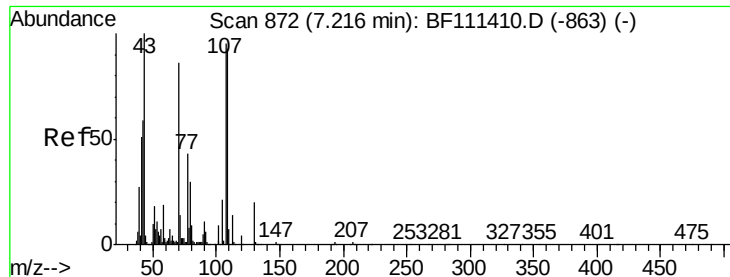
Ion Ratio Lower Upper

94 100

65 27.9 11.7 51.7

66 35.7 21.0 61.0

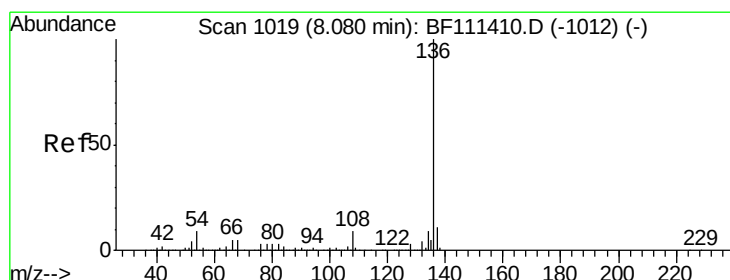
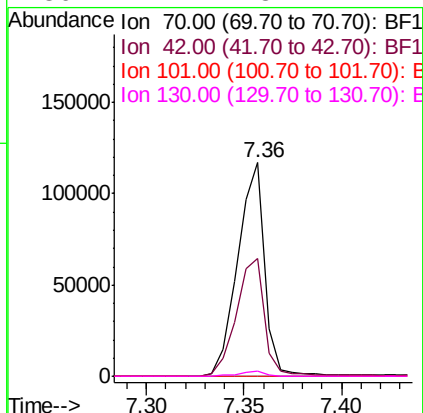
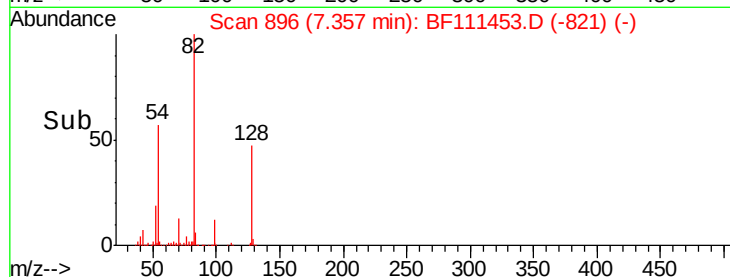
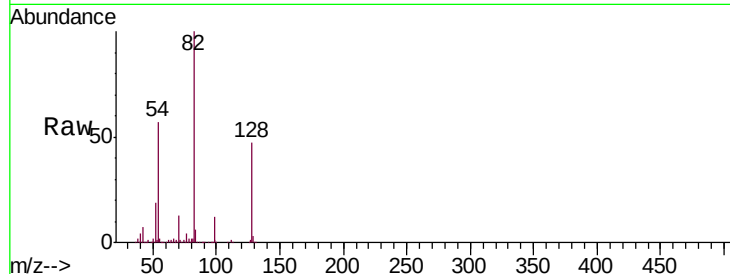




#19
n-Nitroso-di-n-propylamine
Concen: 15.381 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111453.D
Acq: 15 Dec 2018 7:35

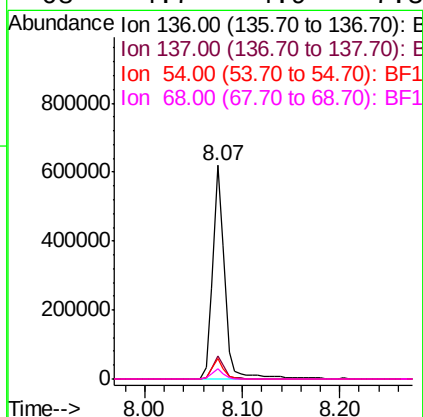
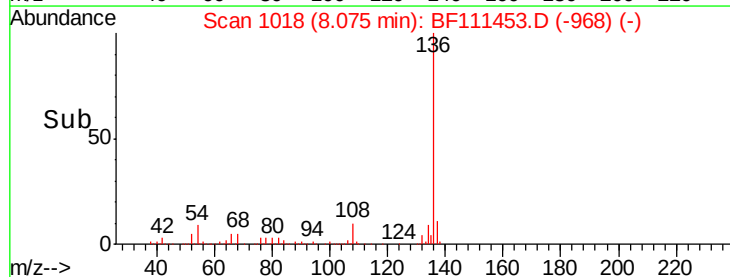
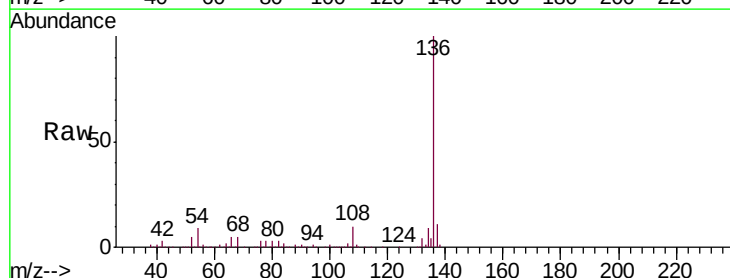
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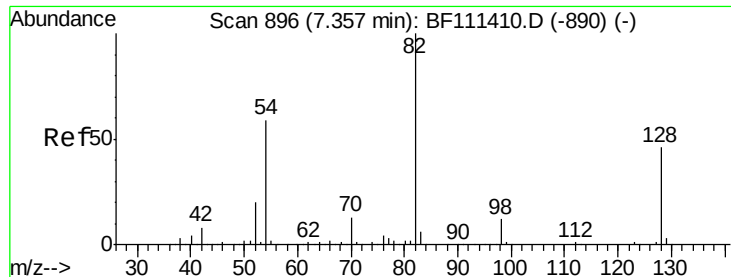
Tgt Ion: 70 Resp: 112430
Ion Ratio Lower Upper
70 100
42 55.2 53.2 79.8
101 0.0 8.2 12.4#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111453.D
Acq: 15 Dec 2018 7:35

Tgt Ion: 136 Resp: 533795
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 9.4 7.7 11.5
68 4.7 4.9 7.3#

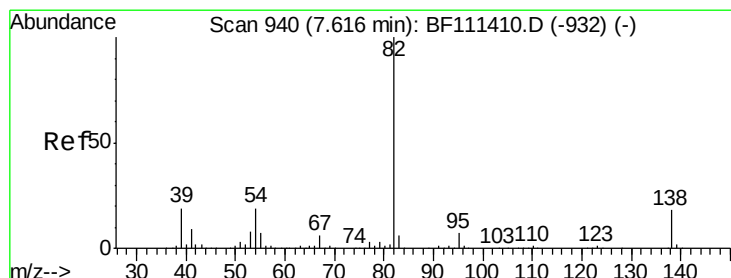
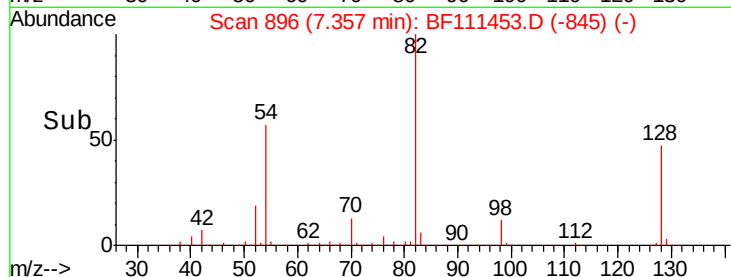
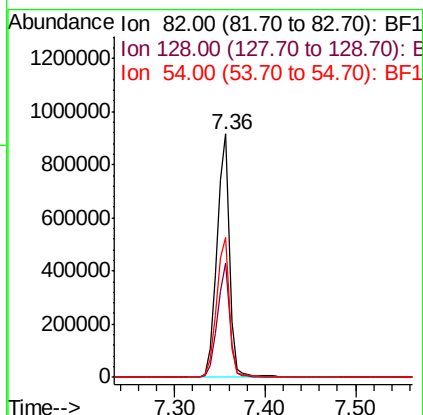
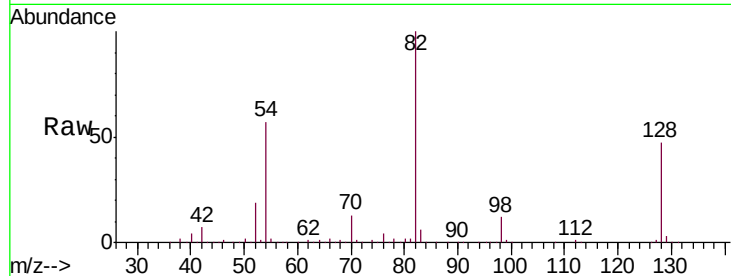




#23
 Nitrobenzene-d5
 Concen: 98.452 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

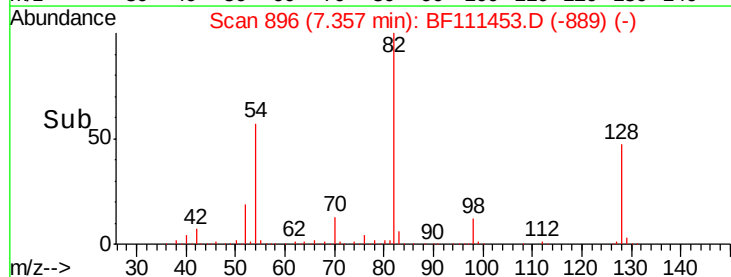
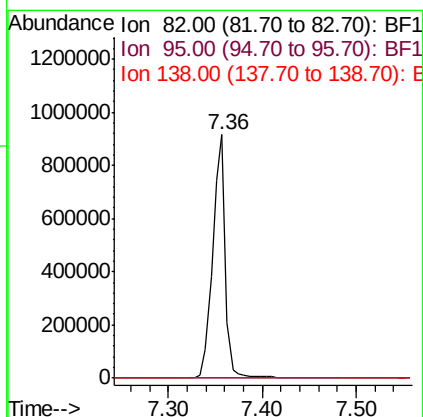
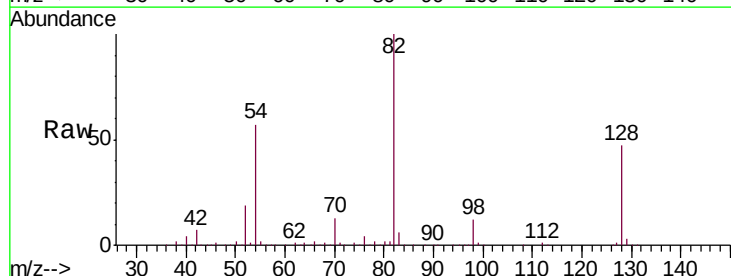
Instrument :
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 ClientSampleId :
 121118-JETT-F-D-S

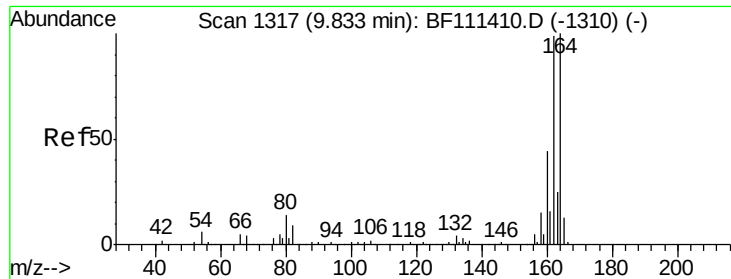
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.4	56.2
54	57.4	47.6	71.4



#25
 Isophorone
 Concen: 58.185 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

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

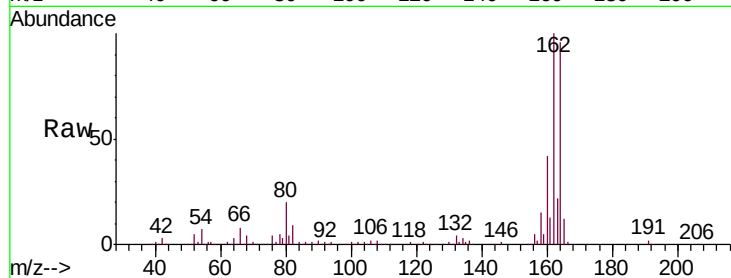




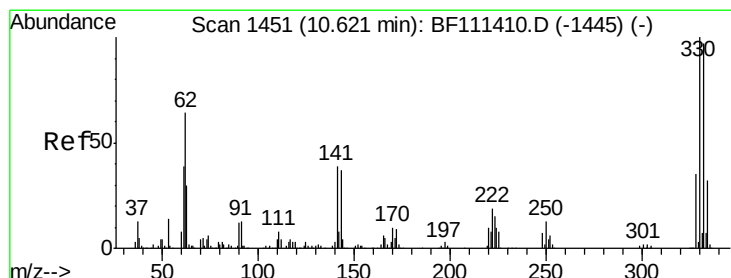
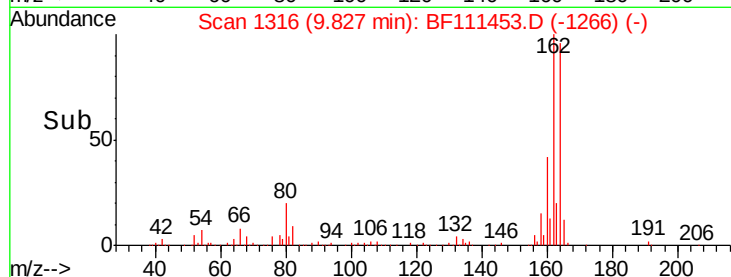
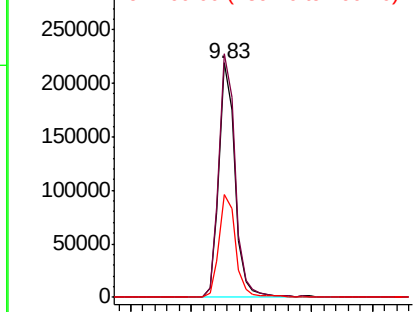
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :
 121118-JETT-F-D-S

Tgt Ion:164 Resp: 202454
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.4 122.0
 160 43.6 35.7 53.5

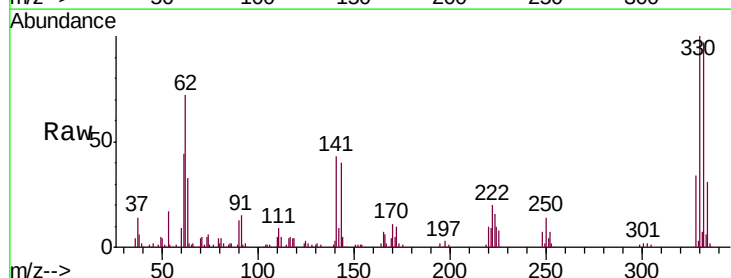


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

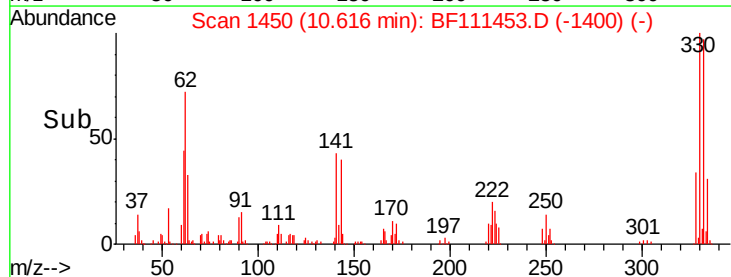
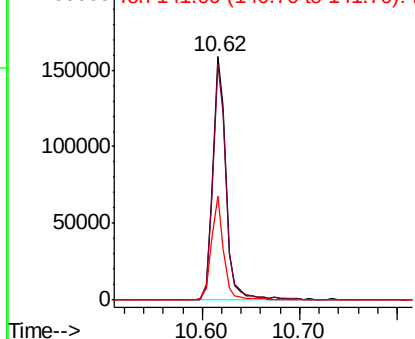


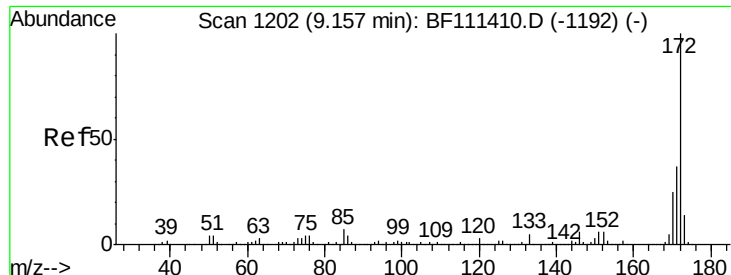
#42
 2,4,6-Tribromophenol
 Concen: 83.142 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

Tgt Ion:330 Resp: 150783
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 39.1 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

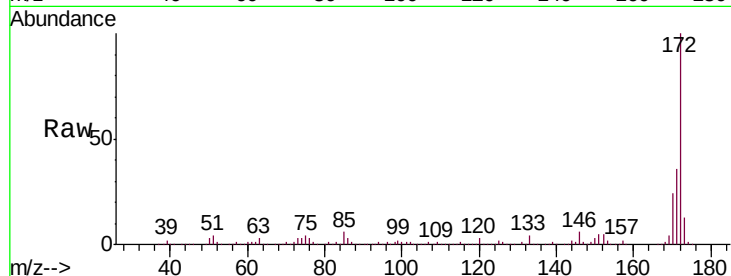




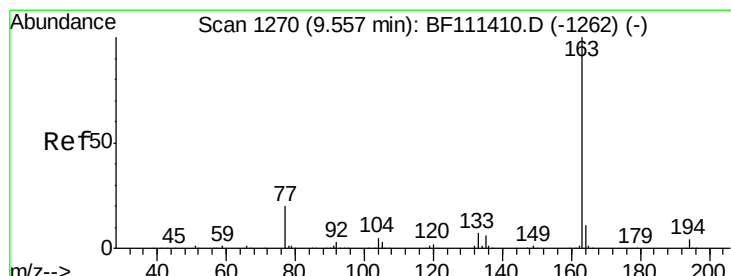
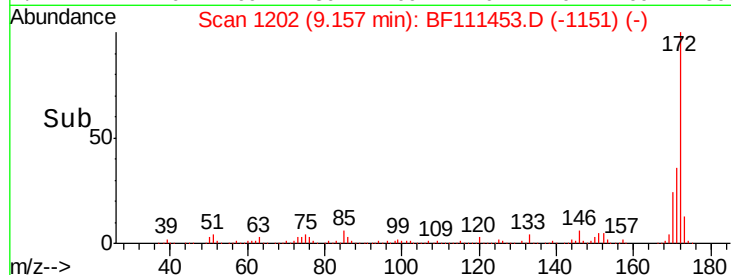
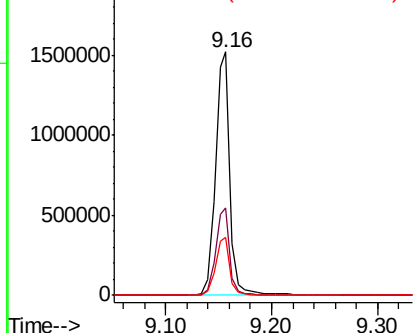
#45
 2-Fluorobiphenyl
 Concen: 112.769 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

Instrument :
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 121118-JETT-F-D-S

Tgt Ion:172 Resp: 1478047
 Ion Ratio Lower Upper
 172 100
 171 35.7 33.0 49.4
 170 23.7 22.3 33.5

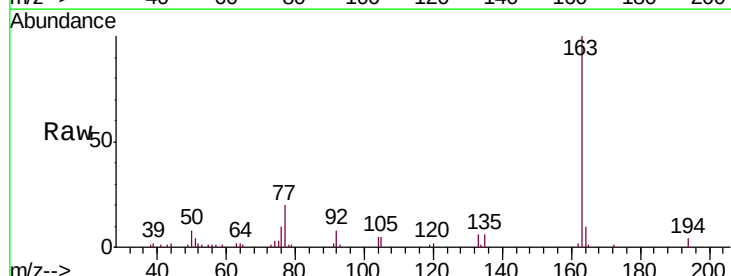


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

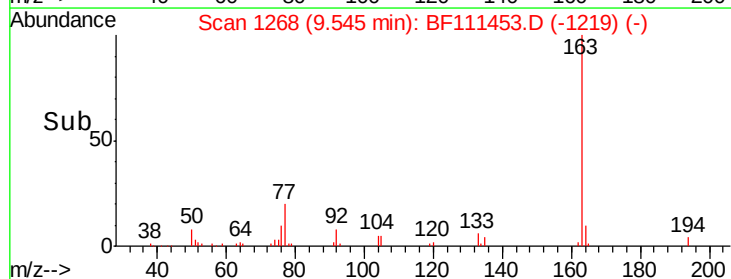
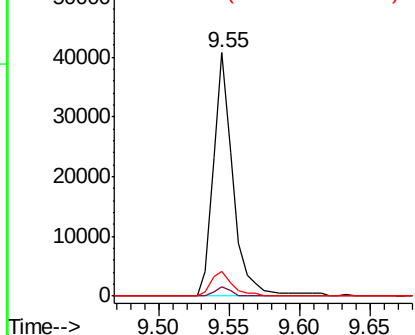


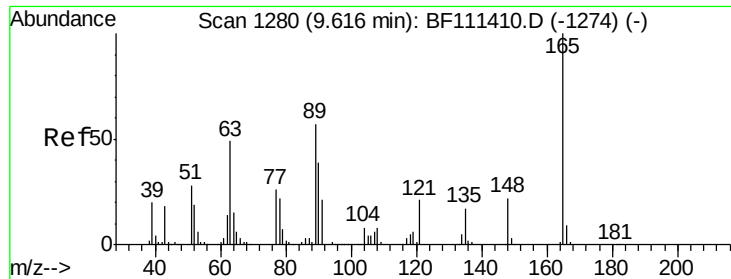
#50
 Dimethylphthalate
 Concen: 2.698 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

Tgt Ion:163 Resp: 39339
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 10.3 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

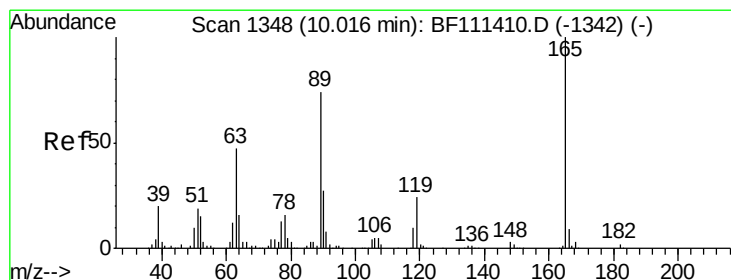
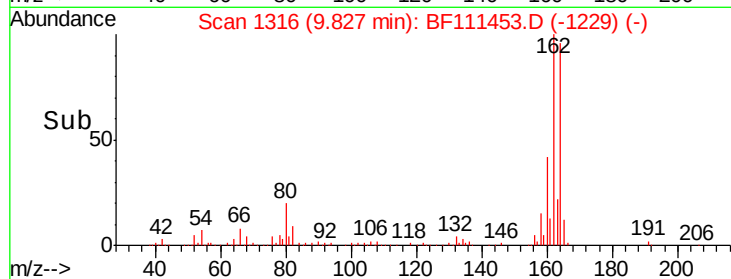
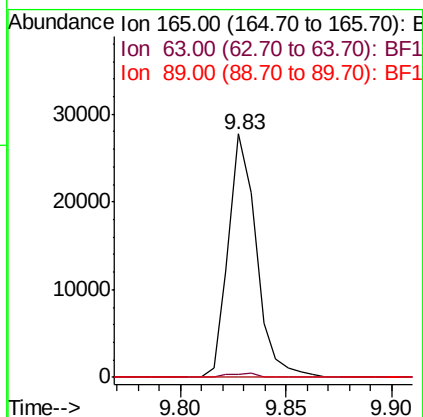
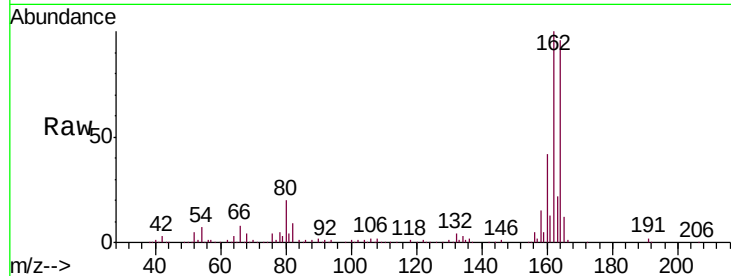




#51
 2,6-Dinitrotoluene
 Concen: 7.775 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

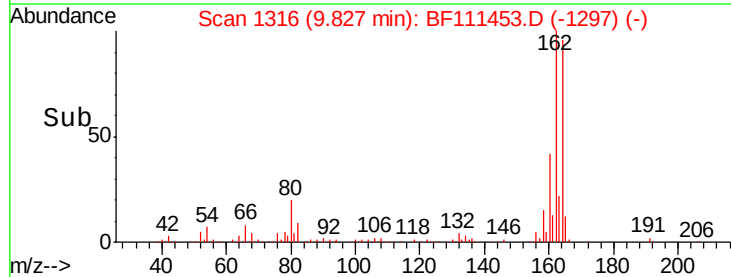
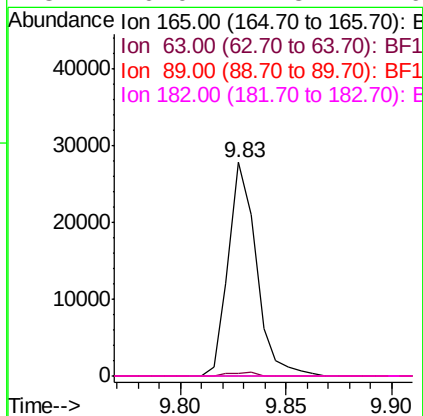
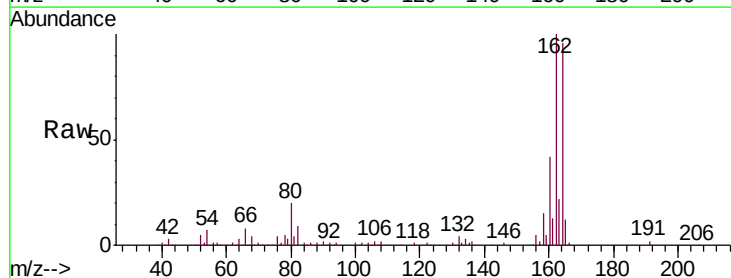
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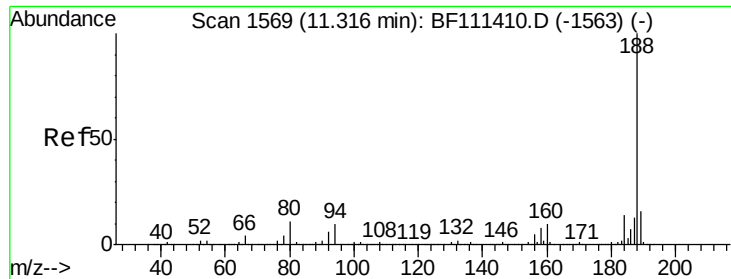
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.5	60.7#
89	0.0	40.0	60.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.924 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

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

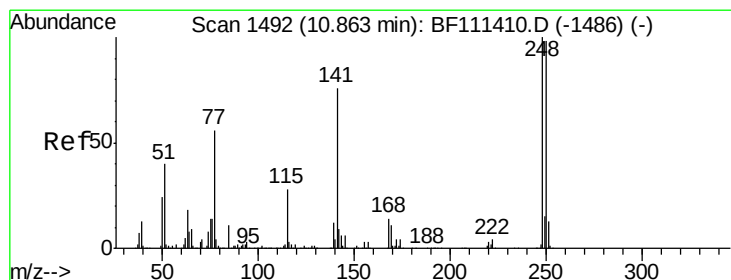
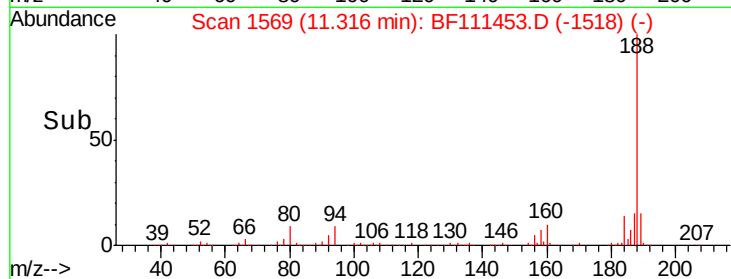
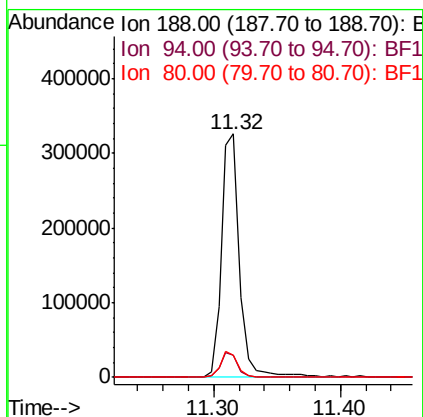
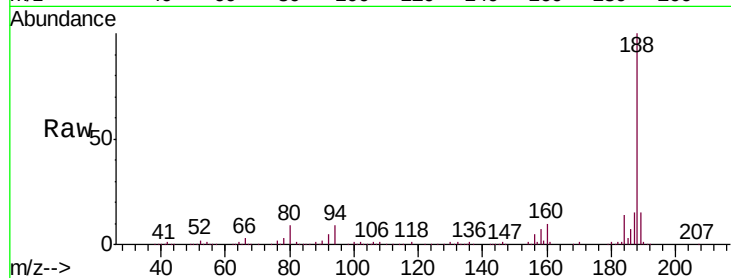




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

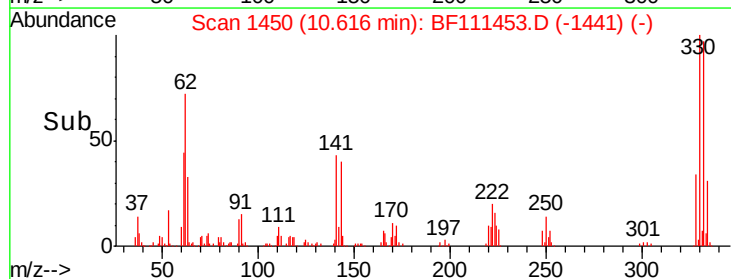
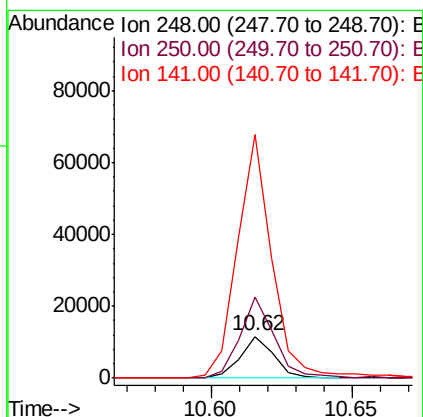
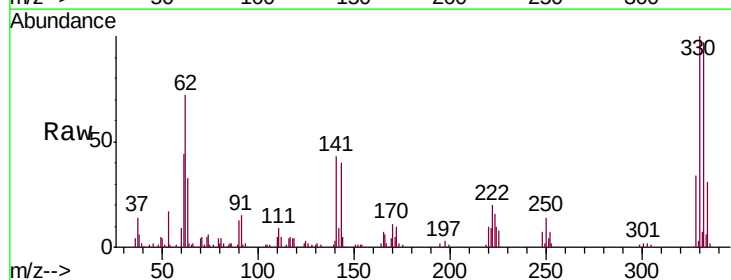
Instrument :
 BNA_F
 ClientSampleId :
 121118-JETT-F-D-S

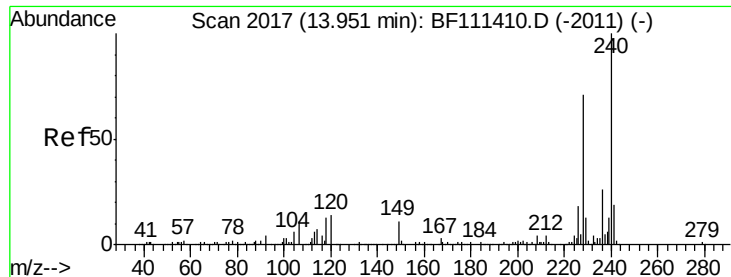
Tgt Ion:188 Resp: 323219
 Ion Ratio Lower Upper
 188 100
 94 9.2 9.6 14.4#
 80 9.3 9.8 14.6#



#67
 4-Bromophenyl-phenylether
 Concen: 2.772 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111453.D
 Acq: 15 Dec 2018 7:35

Tgt Ion:248 Resp: 9656
 Ion Ratio Lower Upper
 248 100
 250 194.1 77.0 115.4#
 141 586.2 63.0 94.6#

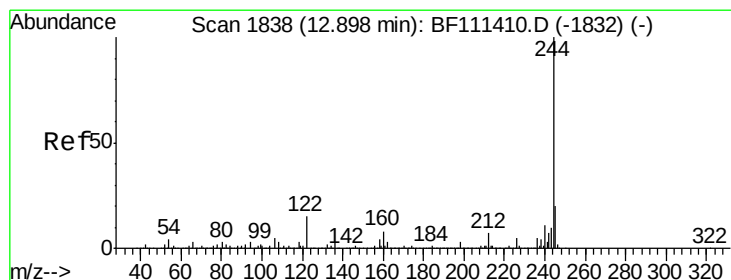
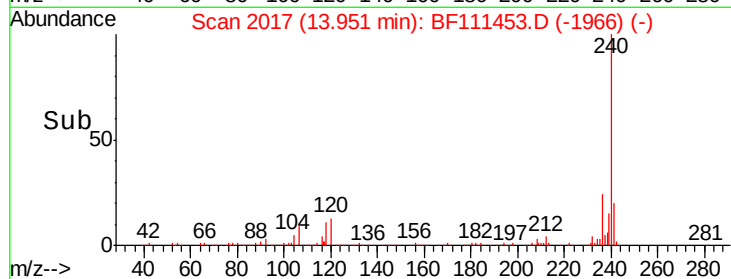
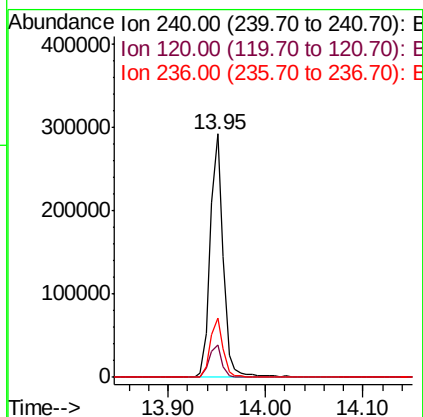
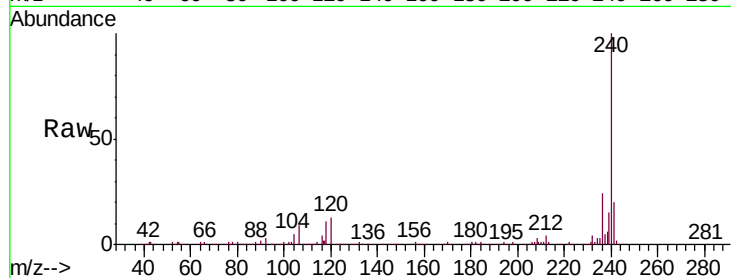




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111453.D
Acq: 15 Dec 2018 7:35

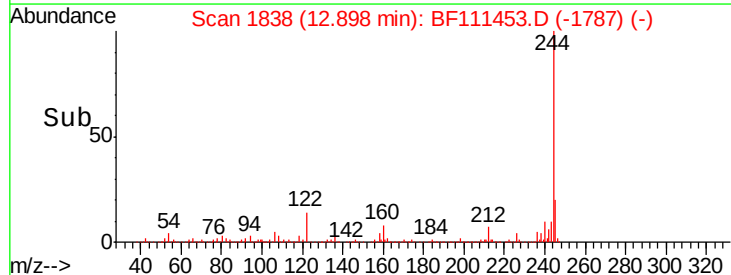
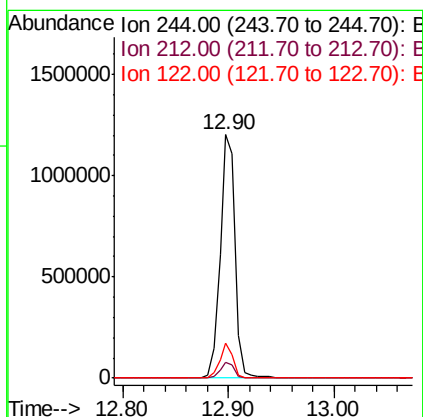
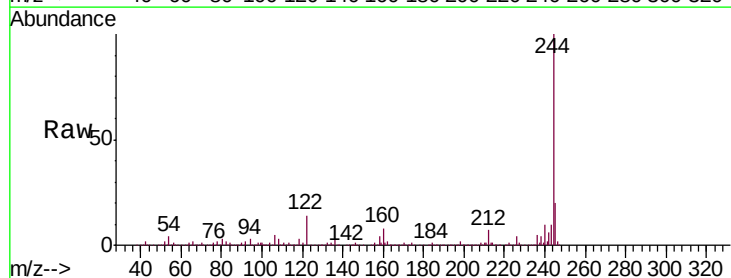
Instrument :
BNA_F
ClientSampleId :
121118-JETT-F-D-S

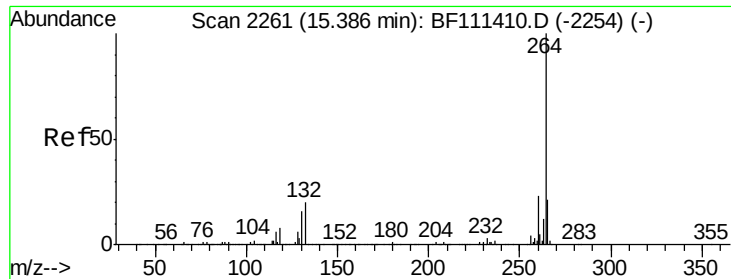
Tgt Ion:240 Resp: 270758
Ion Ratio Lower Upper
240 100
120 13.4 12.2 18.2
236 24.2 20.2 30.2



#79
Terphenyl-d14
Concen: 103.522 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111453.D
Acq: 15 Dec 2018 7:35

Tgt Ion:244 Resp: 1193641
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 14.2 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: BF111453.D
Acq: 15 Dec 2018 7:35

Instrument :
BNA_F
ClientSampleId :
121118-JETT-F-D-S

Tgt Ion:	264	Resp:	180098
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.8	17.7	26.5

