

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
 Data File : BF111191.D
 Acq On : 7 Dec 2018 17:15
 Operator : JU/SJ
 Sample : J5996-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-01R-A

Quant Time: Dec 07 22:25:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

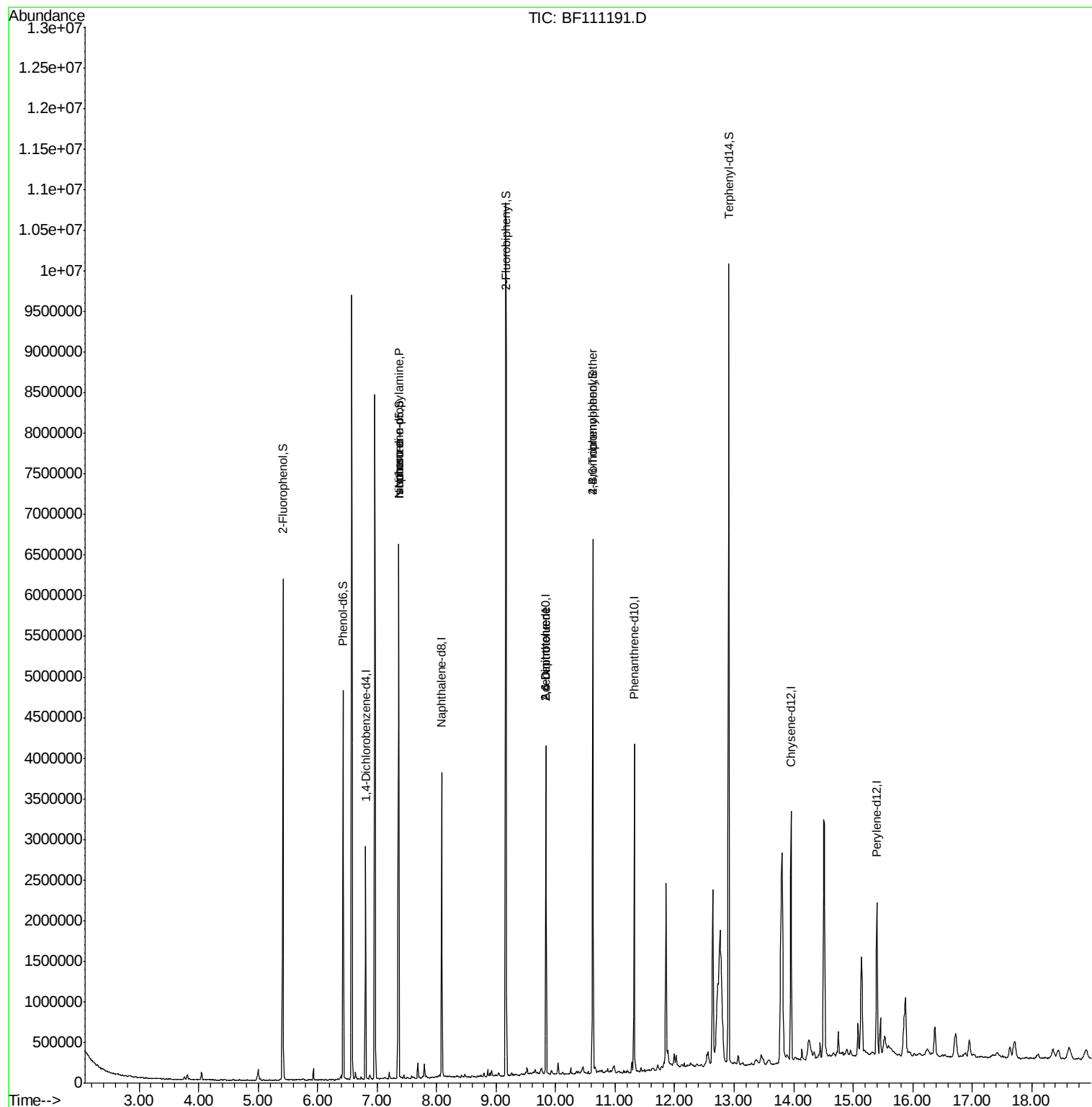
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	365642	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1480912	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	718217	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1274425	20.00	ng	0.00
76) Chrysene-d12	13.96	240	911317	20.00	ng	0.00
87) Perylene-d12	15.40	264	808092	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1601477	68.35	ng	0.00
7) Phenol-d6	6.43	99	1349841	44.72	ng	0.00
23) Nitrobenzene-d5	7.36	82	2054607	82.14	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	695691	121.86	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3300402	85.07	ng	0.00
79) Terphenyl-d14	12.91	244	3220860	72.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	3045	Below Cal		Qvalue # 11
19) n-Nitroso-di-n-propylamine	7.36	70	279867	13.797	ng	# 75
25) Isophorone	7.36	82	2046363	44.577	ng	# 65
51) 2,6-Dinitrotoluene	9.84	165	92114	8.692	ng	# 26
57) 2,4-Dinitrotoluene	9.84	165	92114	6.730	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	45049	3.339	ng	# 1

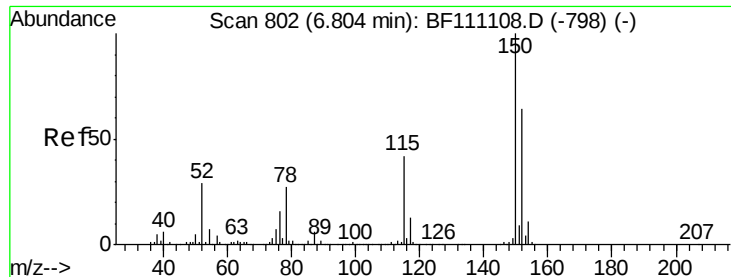
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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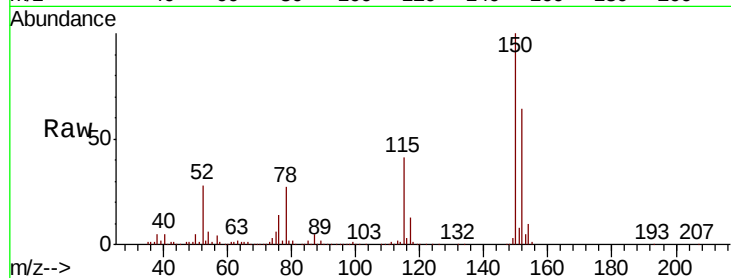


#1

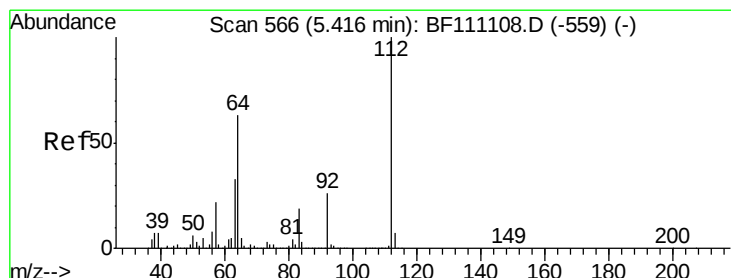
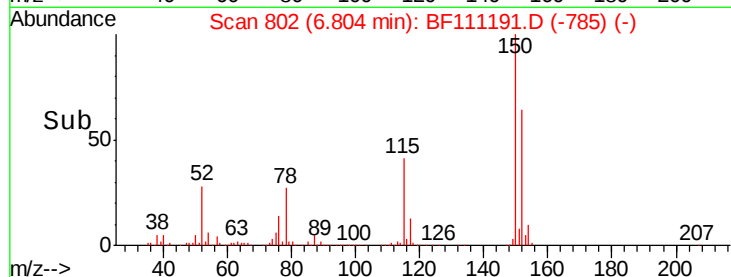
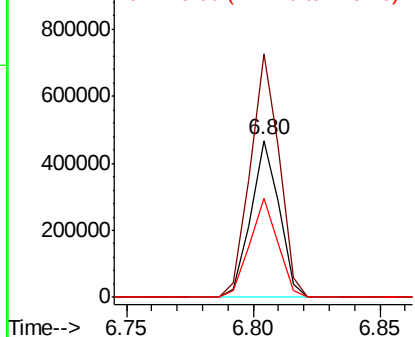
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Instrument :
BNA_F
ClientSampleId :
NON-UST-01R-A

Tgt Ion:152 Resp: 365642
Ion Ratio Lower Upper
152 100
150 155.3 124.6 187.0
115 63.5 52.2 78.2



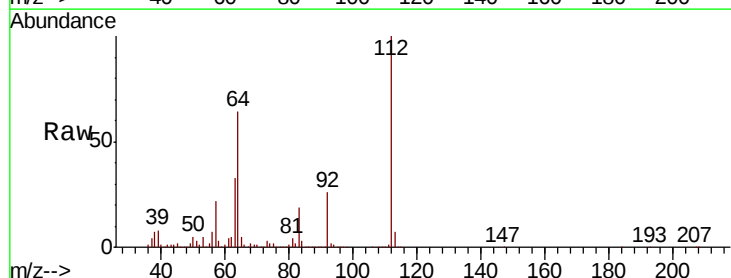
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



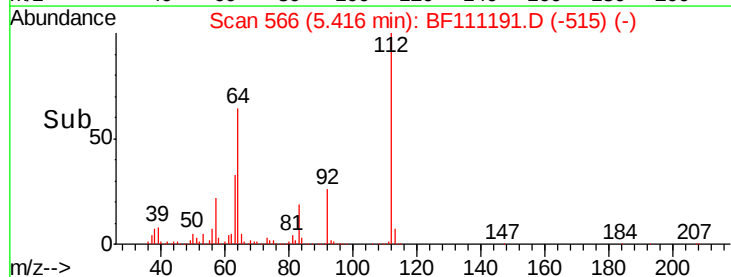
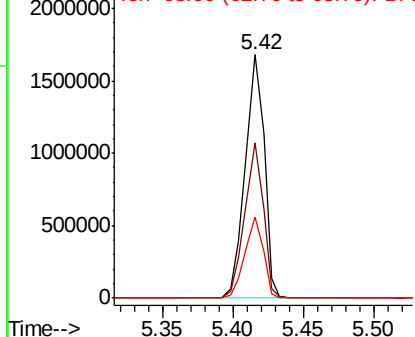
#5

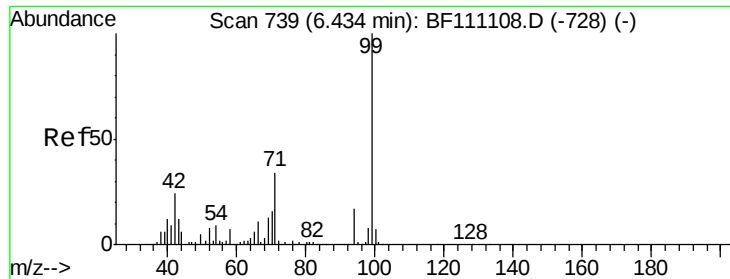
2-Fluorophenol
Concen: 68.347 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Tgt Ion:112 Resp: 1601477
Ion Ratio Lower Upper
112 100
64 64.0 50.2 75.4
63 33.4 26.6 39.8



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: 44.720 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

Instrument :

BNA_F

ClientSampleId :

NON-UST-01R-A

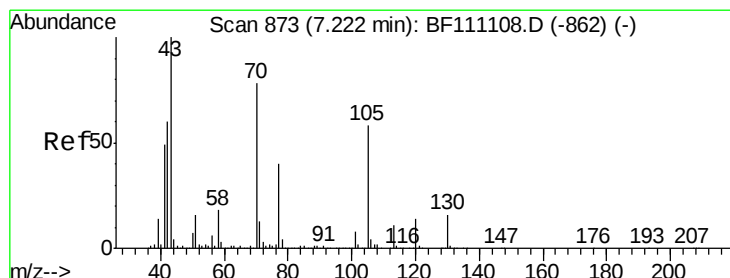
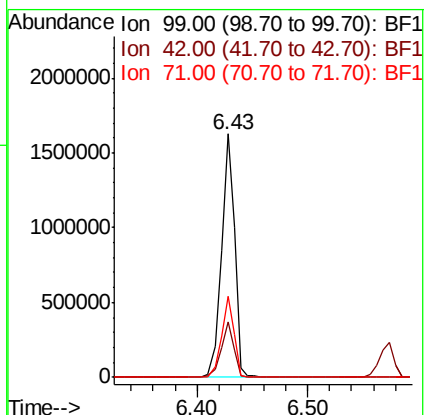
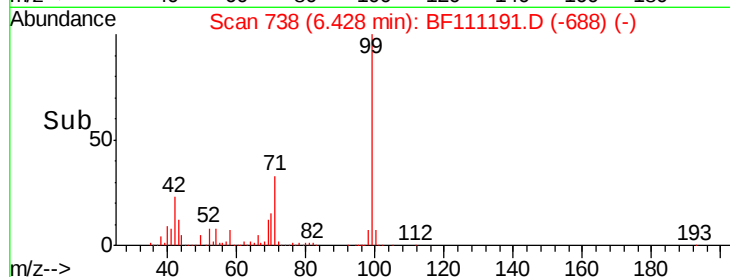
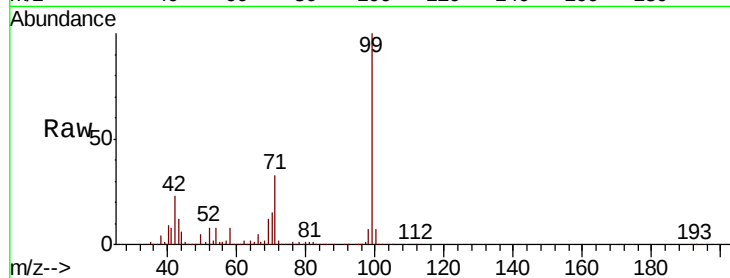
Tgt Ion: 99 Resp: 1349841

Ion Ratio Lower Upper

99 100

42 22.7 19.3 28.9

71 33.2 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.797 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

Tgt Ion: 70 Resp: 279867

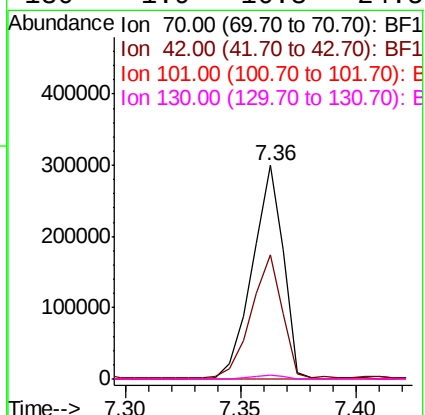
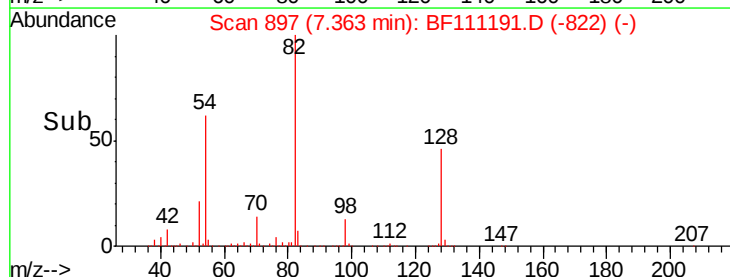
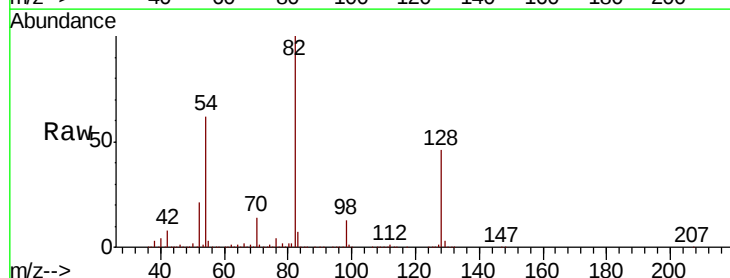
Ion Ratio Lower Upper

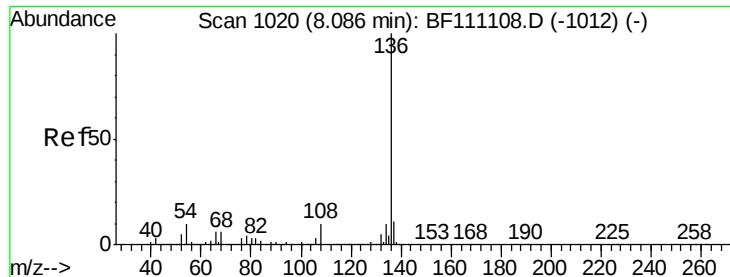
70 100

42 58.3 61.3 91.9#

101 0.0 7.7 11.5#

130 1.9 16.3 24.5#

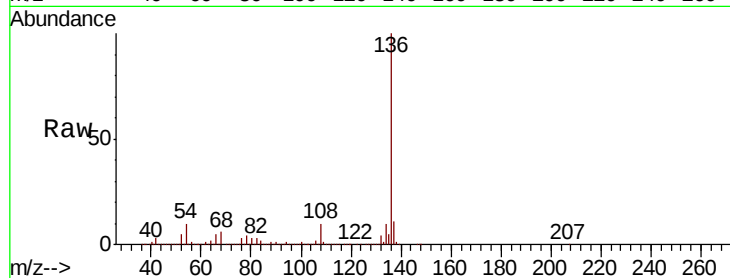




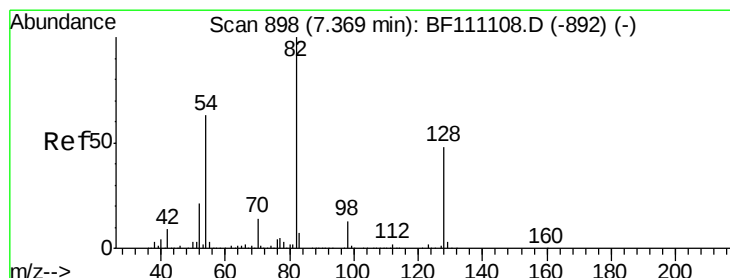
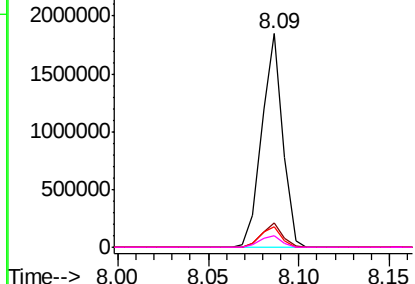
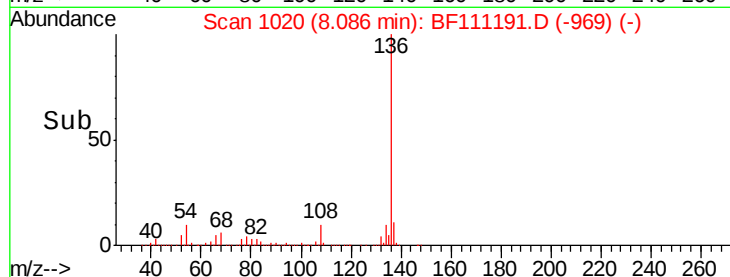
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Instrument :
BNA_F
ClientSampleId :
NON-UST-01R-A

Tgt Ion:	136	Resp:	1480912
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.7	8.4	12.6
68	5.6	5.0	7.4

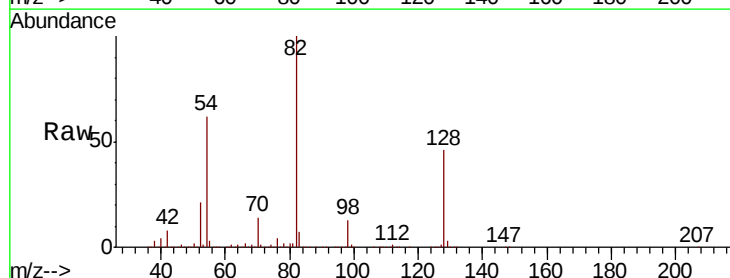


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

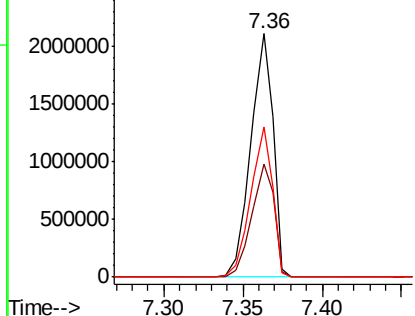
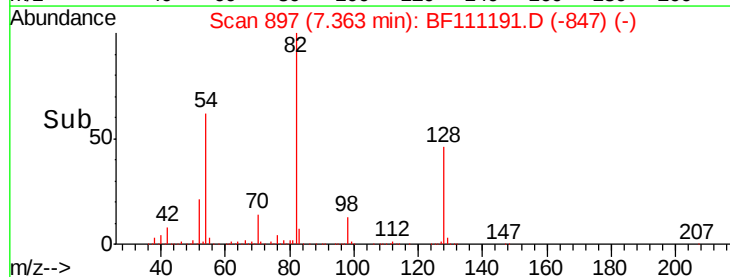


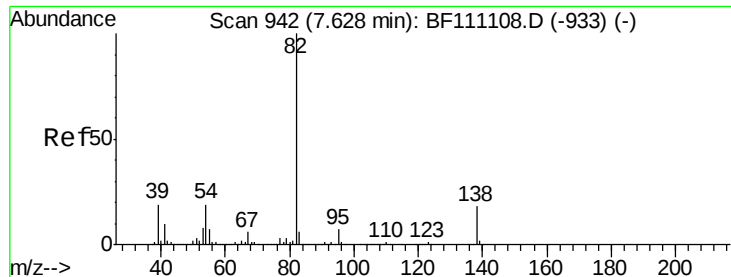
#23
Nitrobenzene-d5
Concen: 82.138 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Tgt Ion:	82	Resp:	2054607
Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.1	57.1
54	61.5	50.3	75.5



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





#25

Isophorone

Concen: 44.577 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

Instrument :

BNA_F

ClientSampleId :

NON-UST-01R-A

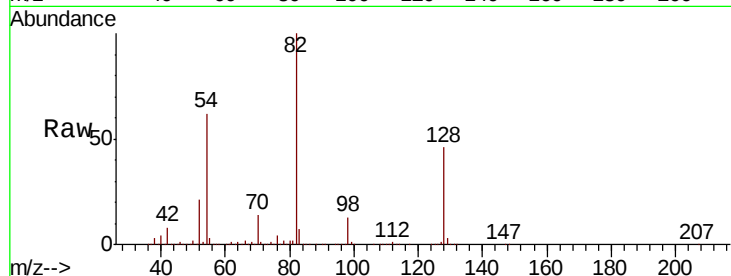
Tgt Ion: 82 Resp: 2046363

Ion Ratio Lower Upper

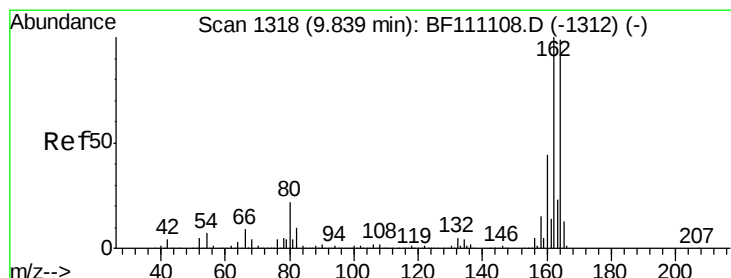
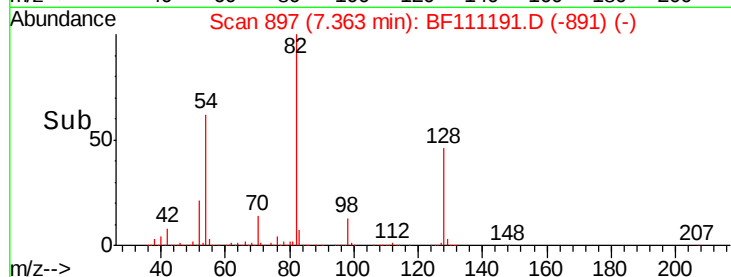
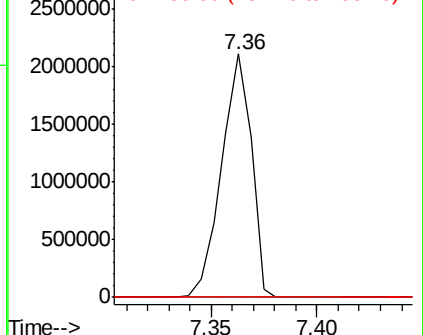
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



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: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

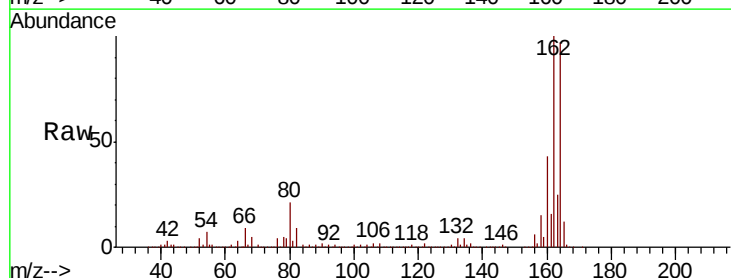
Tgt Ion: 164 Resp: 718217

Ion Ratio Lower Upper

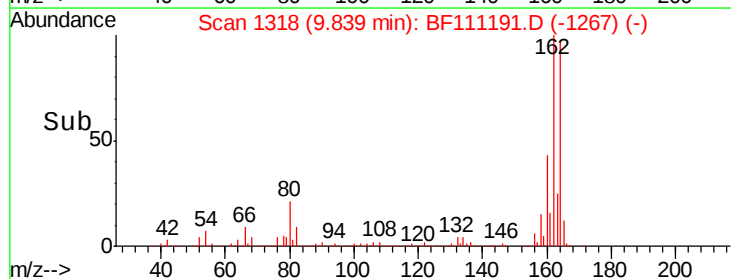
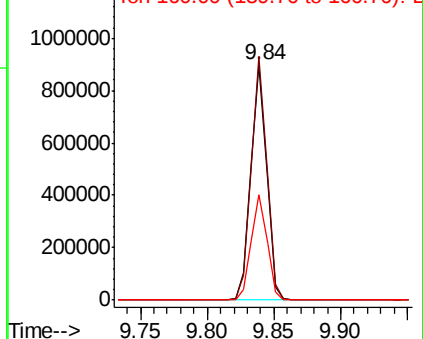
164 100

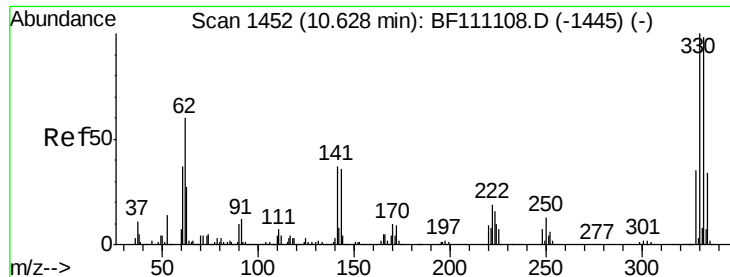
162 103.6 80.6 120.8

160 44.9 35.5 53.3



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

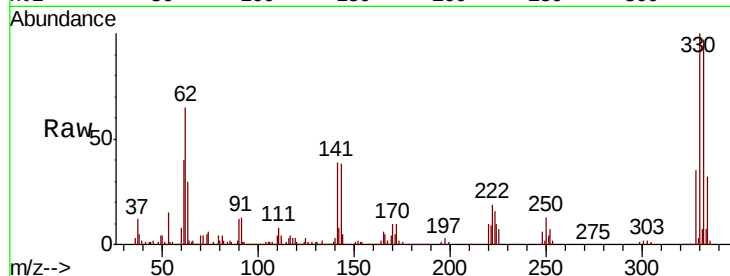




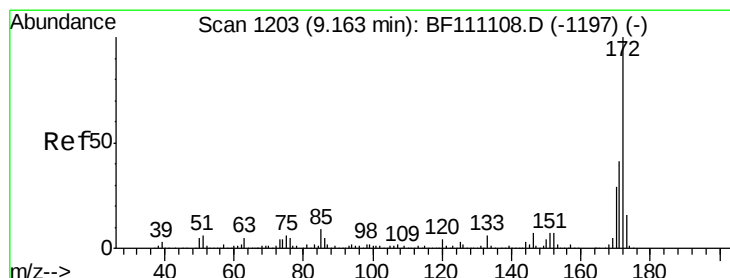
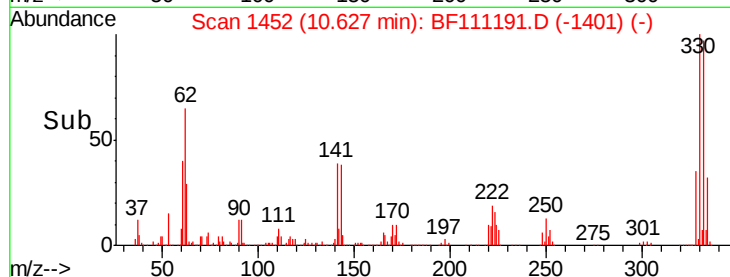
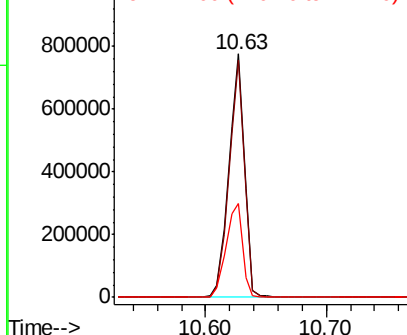
#42
 2,4,6-Tribromophenol
 Concen: 121.859 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111191.D
 Acq: 7 Dec 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-01R-A

Tgt Ion:330 Resp: 695691
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.2 115.8
 141 40.8 36.1 54.1

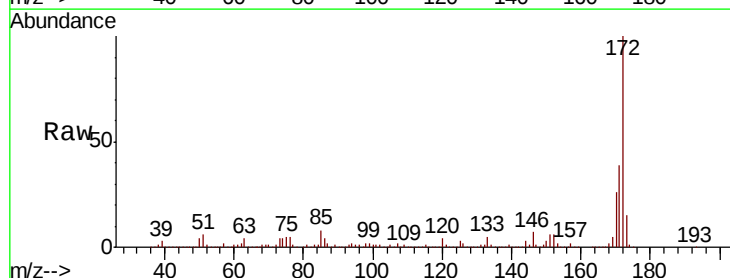


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

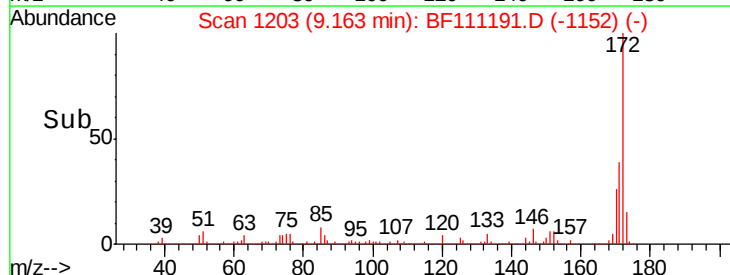
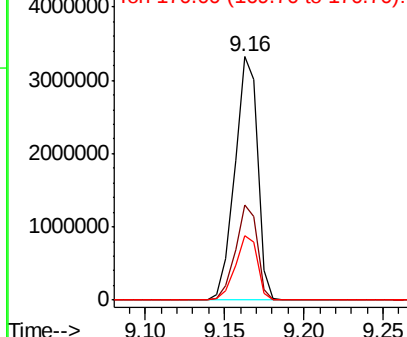


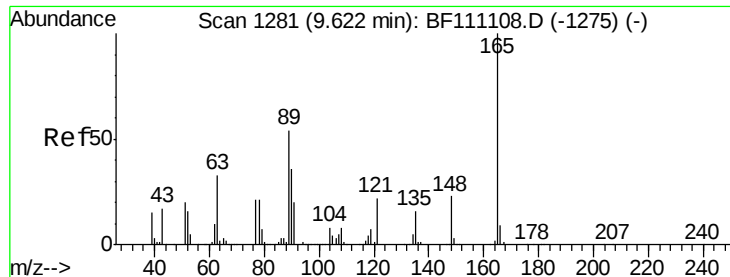
#45
 2-Fluorobiphenyl
 Concen: 85.074 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF111191.D
 Acq: 7 Dec 2018 17:15

Tgt Ion:172 Resp: 3300402
 Ion Ratio Lower Upper
 172 100
 171 38.8 33.2 49.8
 170 26.4 22.9 34.3



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: 8.692 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.22 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

Instrument :

BNA_F

ClientSampleId :

NON-UST-01R-A

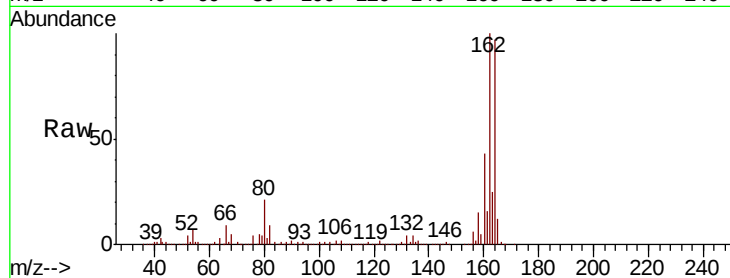
Tgt Ion:165 Resp: 92114

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

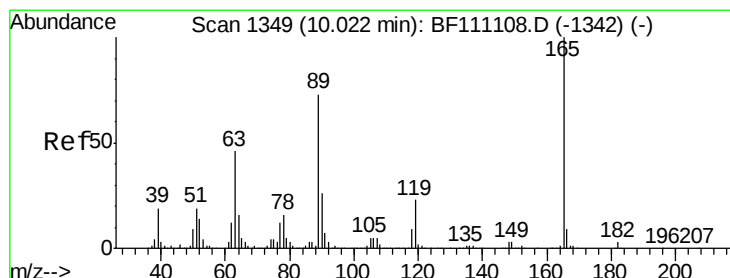
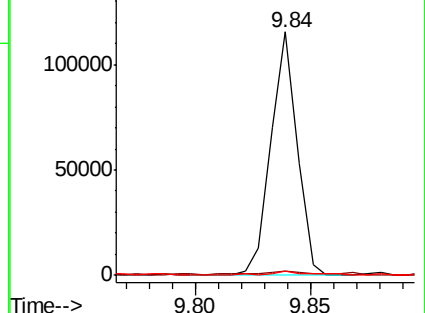
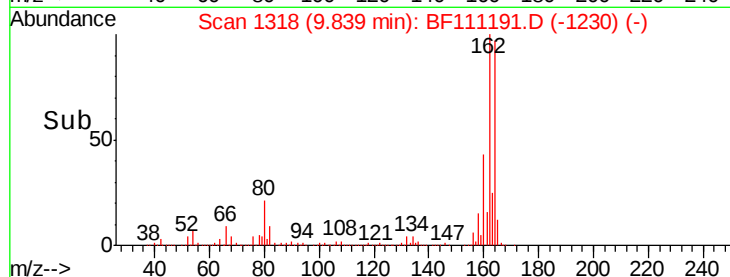
89 1.7 43.0 64.4#



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: 6.730 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.18 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

Tgt Ion:165 Resp: 92114

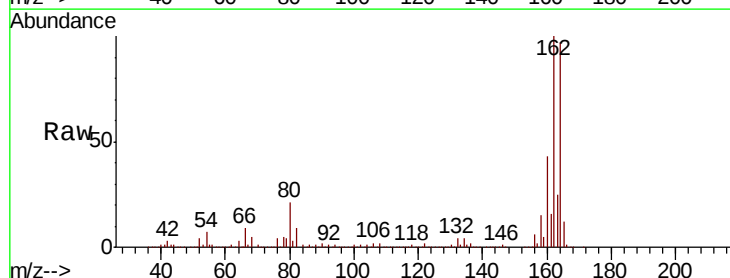
Ion Ratio Lower Upper

165 100

63 1.6 36.7 55.1#

89 1.7 58.4 87.6#

182 0.0 2.1 3.1#

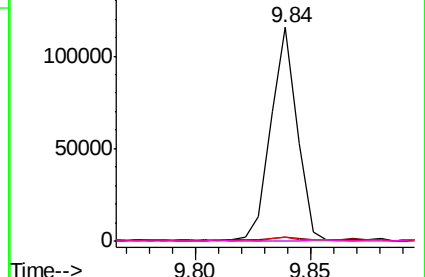
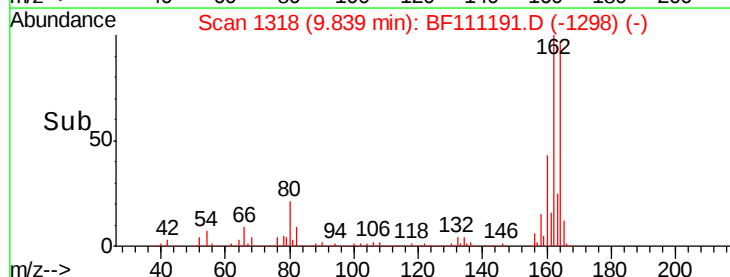


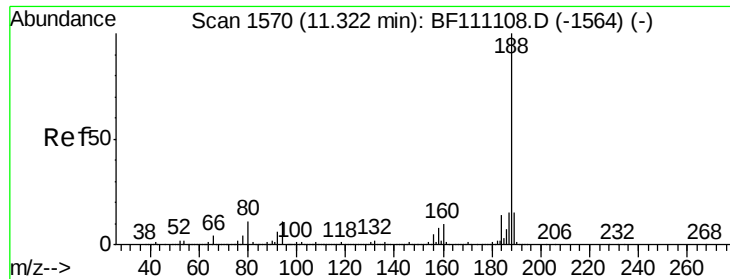
Abundance Ion 165.00 (164.70 to 165.70): E

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

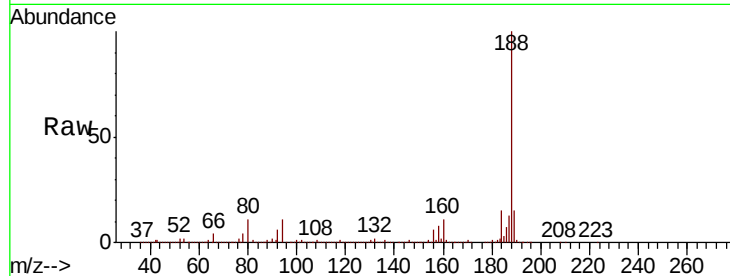




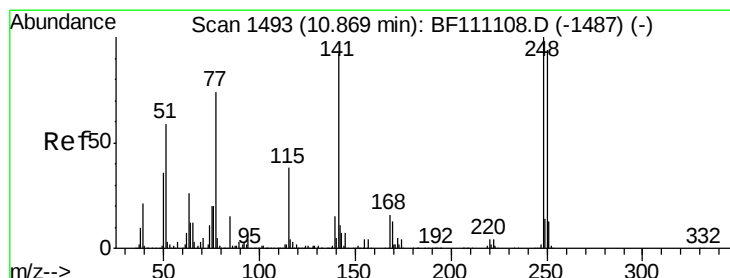
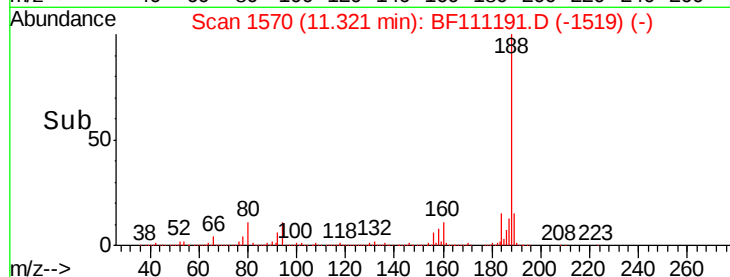
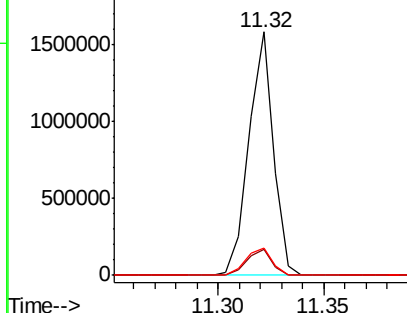
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Instrument :
BNA_F
ClientSampleId :
NON-UST-01R-A

Tgt Ion:188 Resp: 1274425
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.4 9.0 13.6

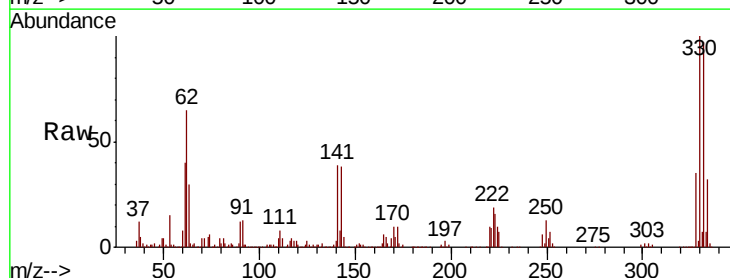


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

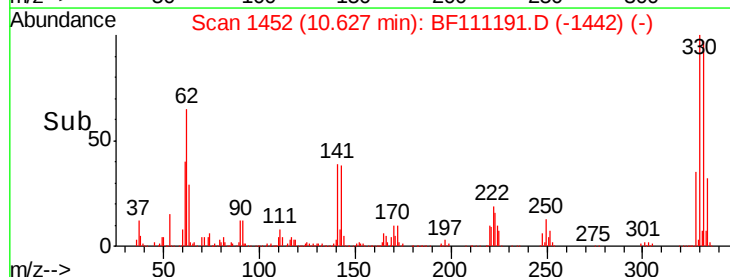
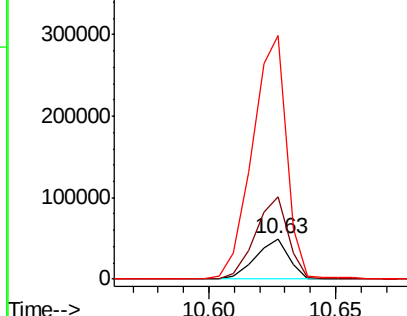


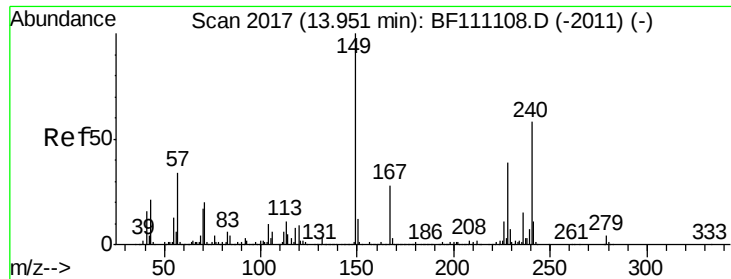
#67
4-Bromophenyl-phenylether
Concen: 3.339 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Tgt Ion:248 Resp: 45049
Ion Ratio Lower Upper
248 100
250 205.9 75.4 113.0#
141 605.9 73.8 110.6#



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

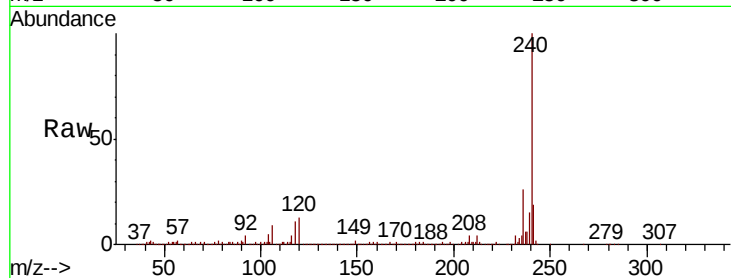




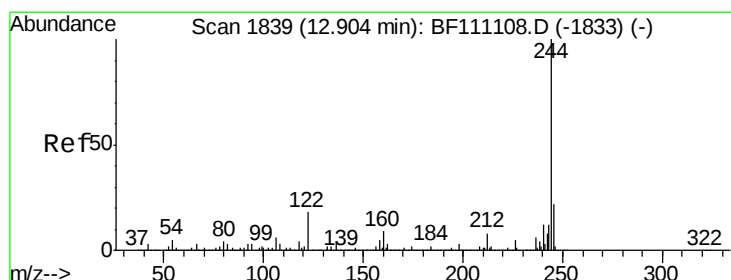
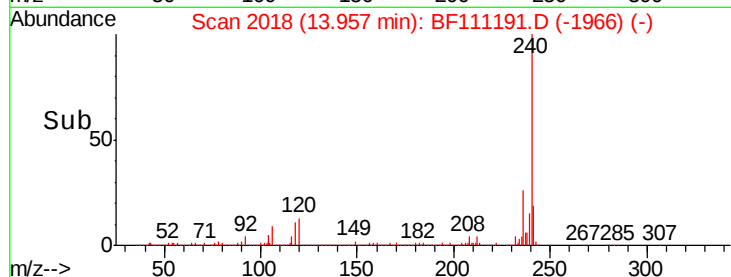
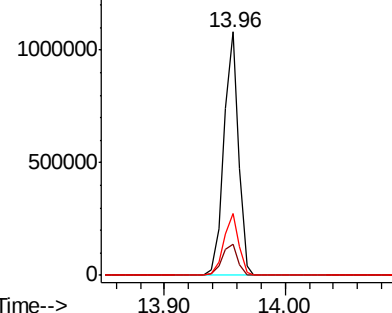
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Instrument :
BNA_F
ClientSampleId :
NON-UST-01R-A

Tgt Ion:240 Resp: 911317
Ion Ratio Lower Upper
240 100
120 12.7 12.8 19.2#
236 25.6 21.1 31.7

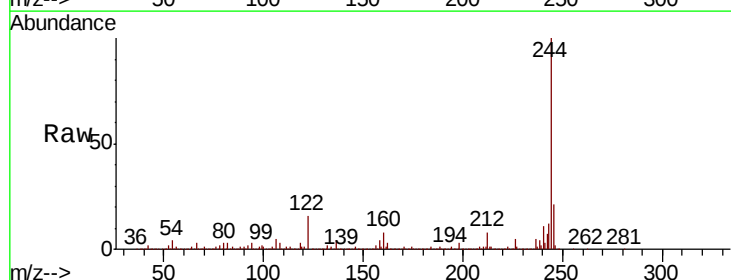


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

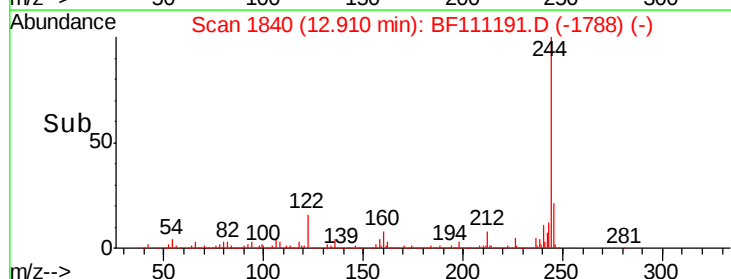
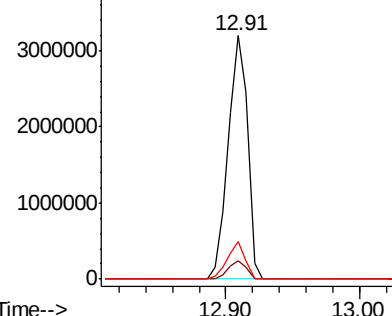


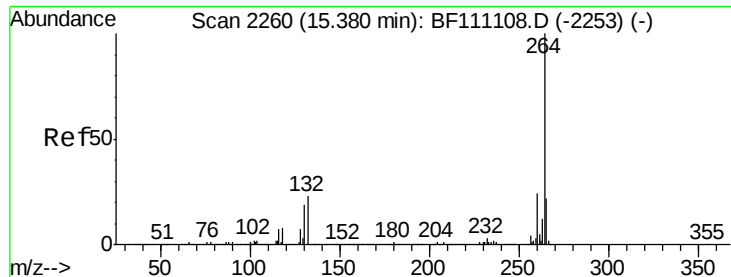
#79
Terphenyl-d14
Concen: 72.382 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111191.D
Acq: 7 Dec 2018 17:15

Tgt Ion:244 Resp: 3220860
Ion Ratio Lower Upper
244 100
212 7.7 6.6 9.8
122 15.7 14.2 21.2



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: 15.40 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF111191.D

Acq: 7 Dec 2018 17:15

Instrument :
BNA_F

ClientSampleId :
NON-UST-01R-A

Tgt Ion: 264 Resp: 808092

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.0
265	21.6	17.4	26.0

