

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
 Data File : BF110915.D
 Acq On : 21 Nov 2018 2:08
 Operator : JU/SJ
 Sample : J6003-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-02R

Quant Time: Nov 21 04:20:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

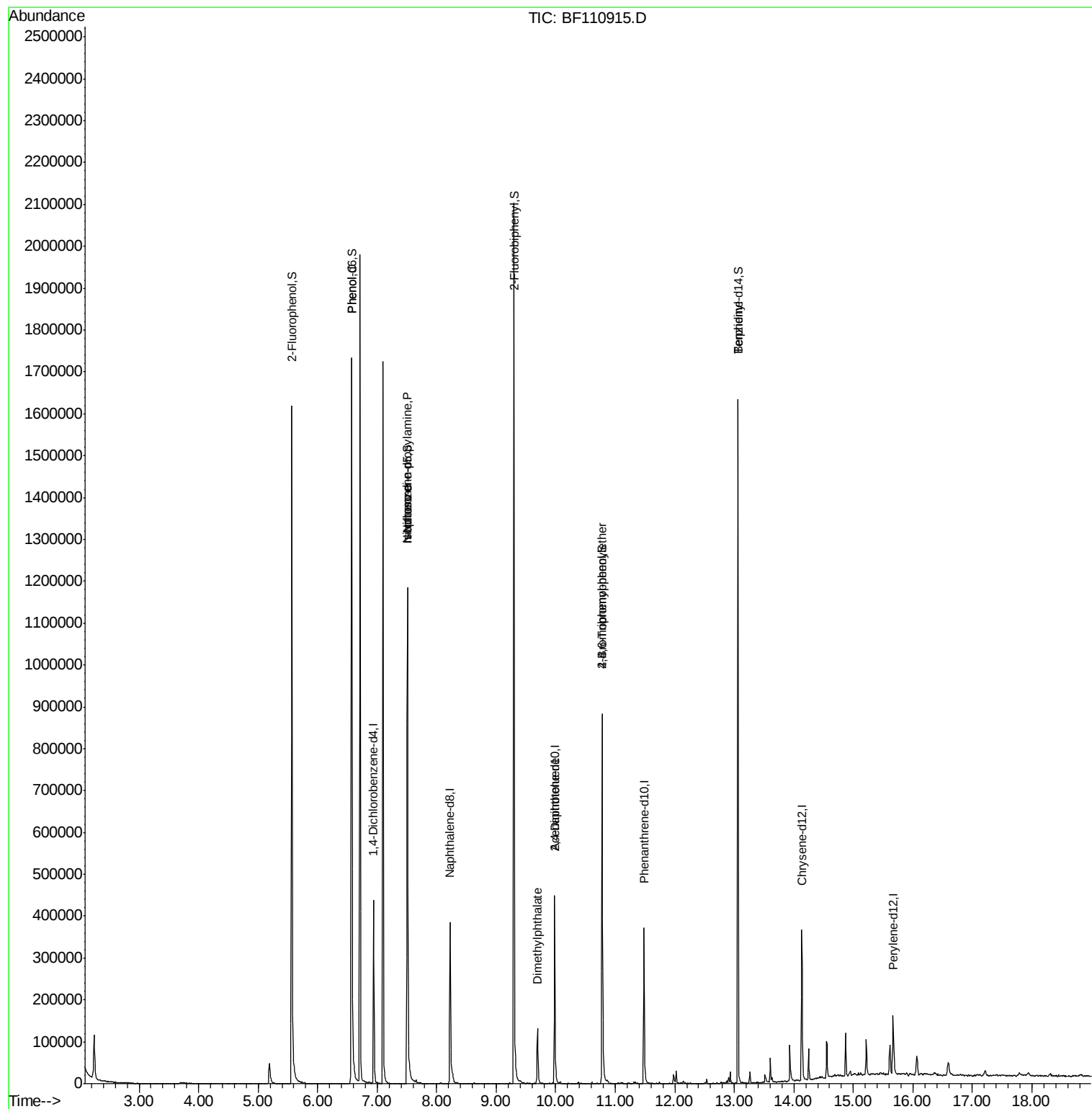
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64183	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	250081	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	101602	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	162829	20.00	ng	0.00
76) Chrysene-d12	14.13	240	135116	20.00	ng	0.00
87) Perylene-d12	15.67	264	89171	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	528737	133.81	ng	0.00
7) Phenol-d6	6.57	99	653783	129.39	ng	0.00
23) Nitrobenzene-d5	7.51	82	416288	95.86	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	119075	116.31	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	700193	98.42	ng	0.00
79) Terphenyl-d14	13.06	244	548788	76.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1253	Below Cal		Qvalue
10) Phenol	6.58	94	33417	5.704 ng	#	1
19) n-Nitroso-di-n-propylamine	7.51	70	53743	16.662 ng	#	84
25) Isophorone	7.51	82	416288	58.489 ng	#	80
50) Dimethylphthalate	9.69	163	68189	8.994 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	12723	5.867 ng	#	98
67) 4-Bromophenyl-phenylether	10.78	248	7509	4.173 ng	#	17
77) Benzidine	13.06	184	7447	2.004 ng	#	1
					#	95

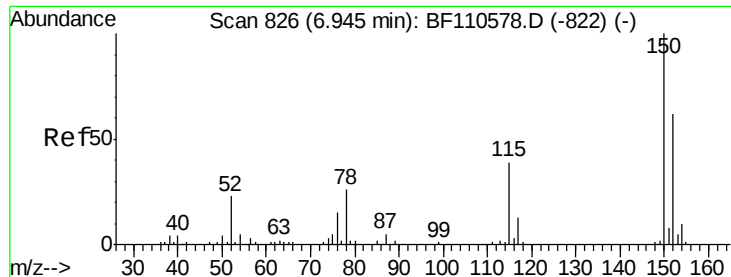
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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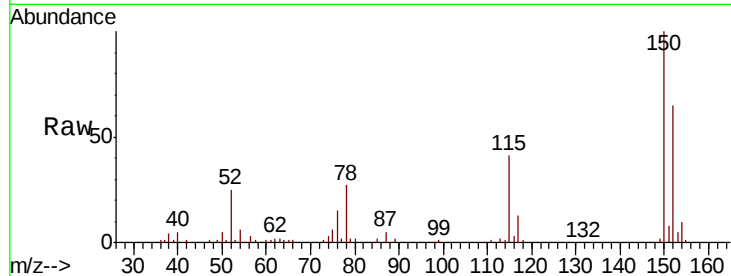


#1

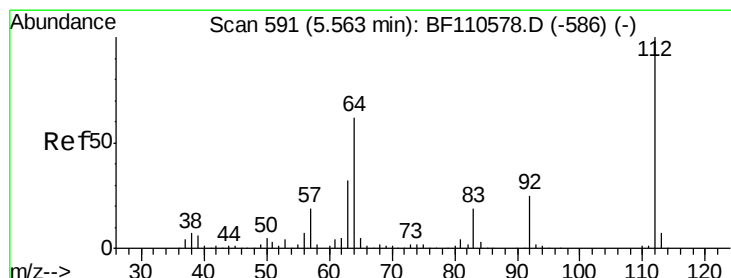
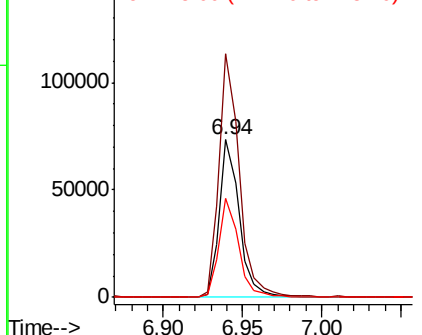
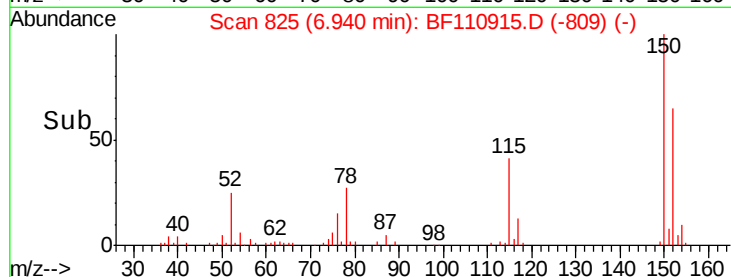
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110915.D
 Acq: 21 Nov 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-02R

Tgt Ion:152 Resp: 64183
 Ion Ratio Lower Upper
 152 100
 150 154.7 122.7 184.1
 115 63.2 49.1 73.7



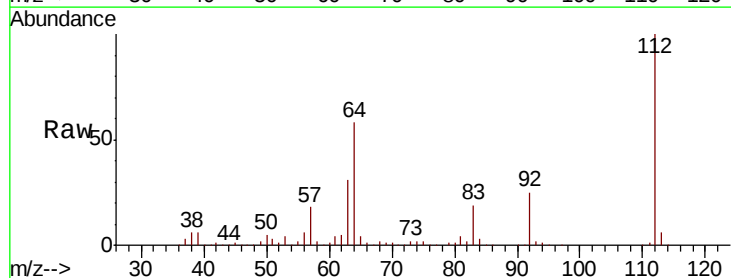
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



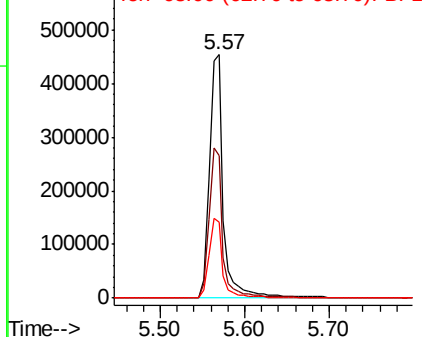
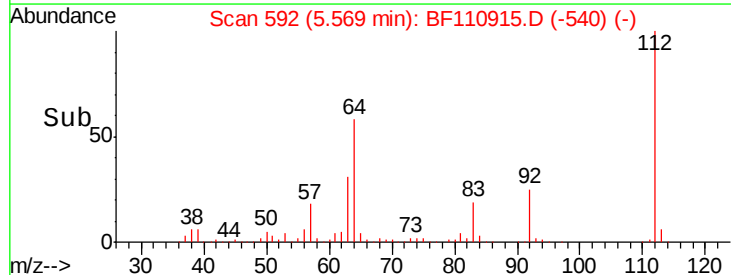
#5

2-Fluorophenol
 Concen: 133.810 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110915.D
 Acq: 21 Nov 2018 2:08

Tgt Ion:112 Resp: 528737
 Ion Ratio Lower Upper
 112 100
 64 58.4 44.1 66.1
 63 31.1 23.7 35.5



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: 129.388 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

Instrument :

BNA_F

ClientSampleId :

NON-UST-02R

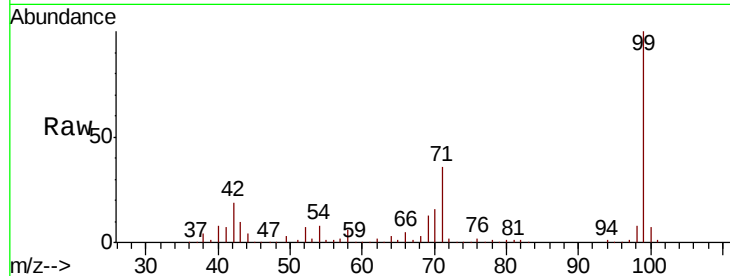
Tgt Ion: 99 Resp: 653783

Ion Ratio Lower Upper

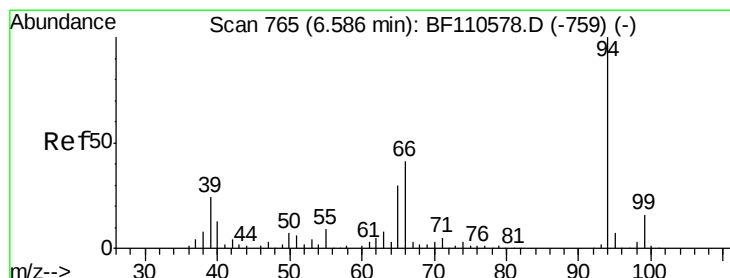
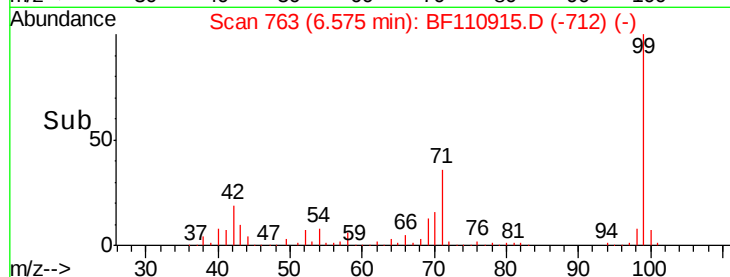
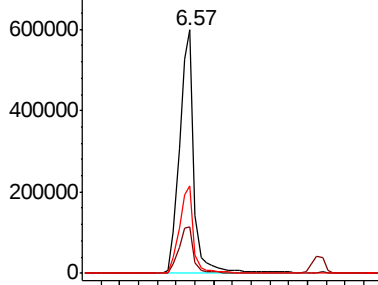
99 100

42 19.2 15.8 23.6

71 35.7 28.0 42.0



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: 5.704 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

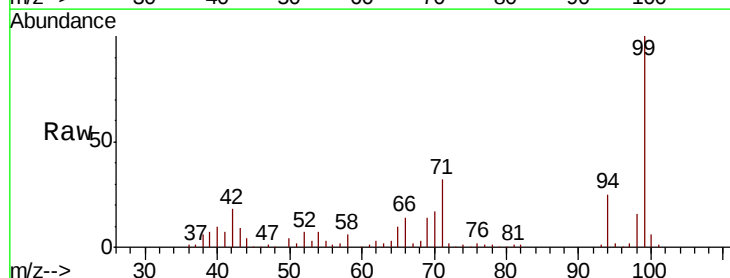
Tgt Ion: 94 Resp: 33417

Ion Ratio Lower Upper

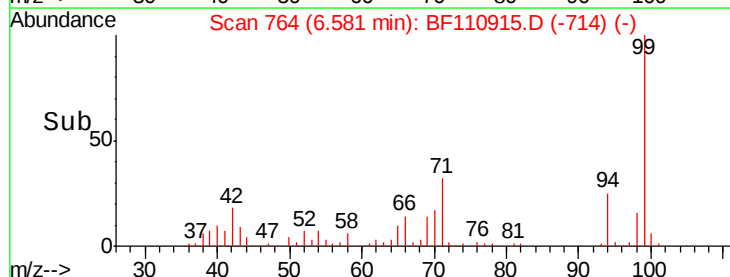
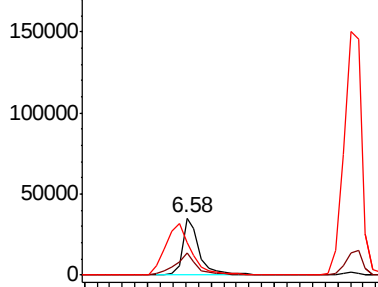
94 100

65 38.7 25.3 65.3

66 57.8 54.5 94.5



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

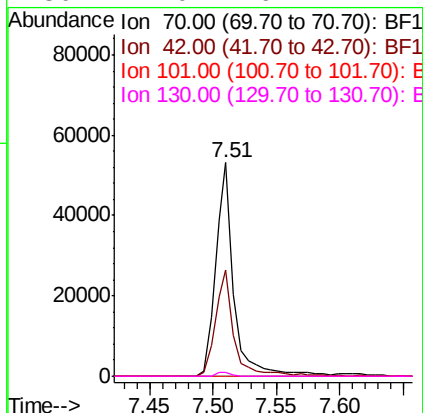
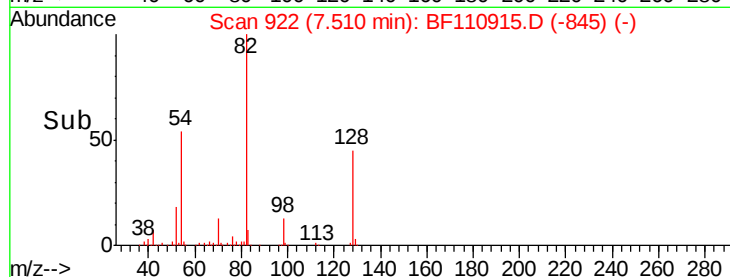
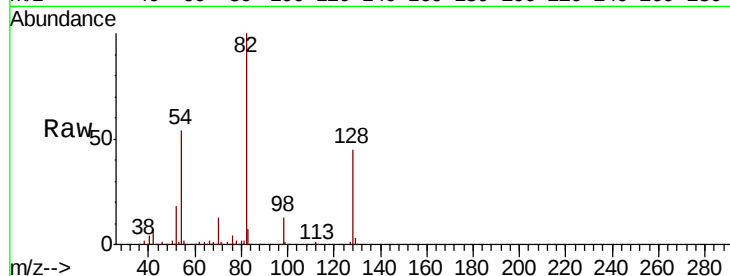




#19
n-Nitroso-di-n-propylamine
Concen: 16.662 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

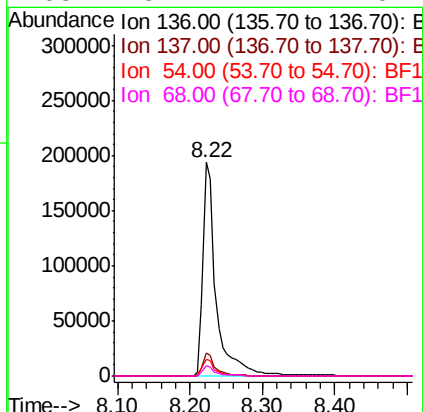
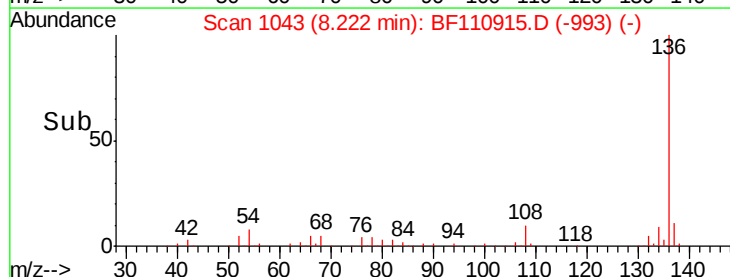
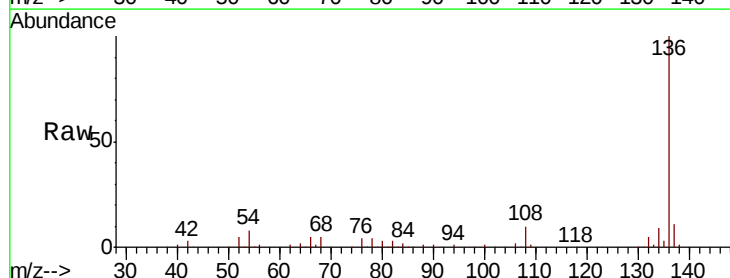
Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

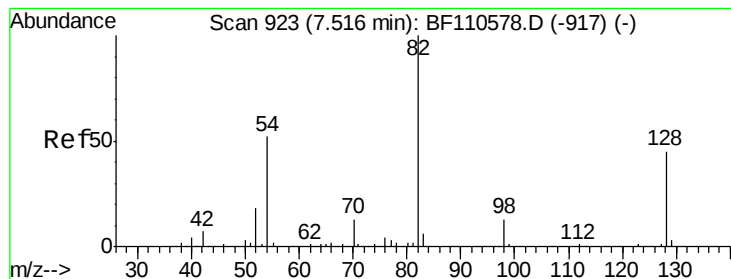
Tgt Ion: 70 Resp: 53743
Ion Ratio Lower Upper
70 100
42 49.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion: 136 Resp: 250081
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 5.4 8.2
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 95.864 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

Instrument :

BNA_F

ClientSampleId :

NON-UST-02R

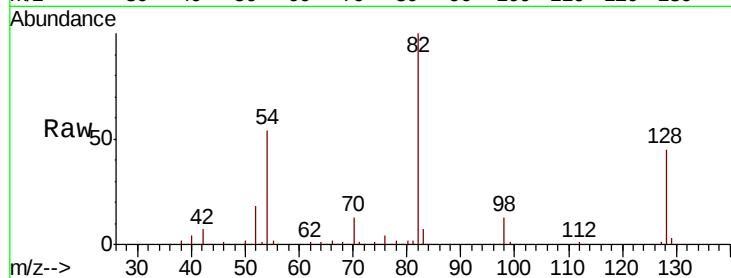
Tgt Ion: 82 Resp: 416288

Ion Ratio Lower Upper

82 100

128 45.0 34.2 51.2

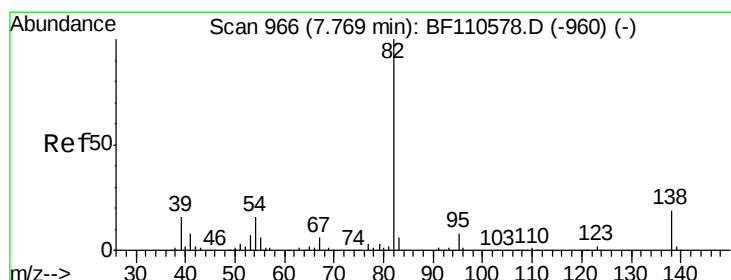
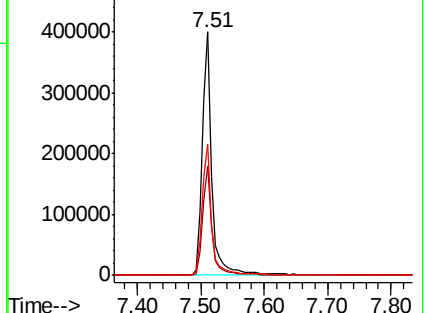
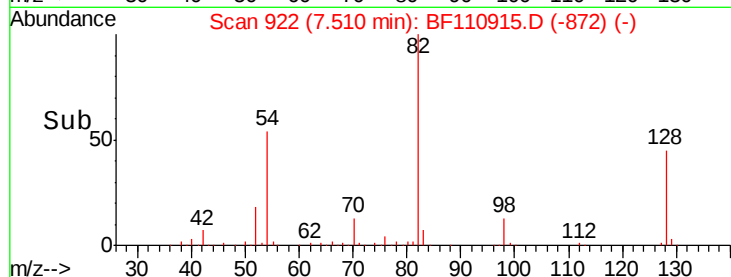
54 53.5 38.6 58.0



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: 58.489 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

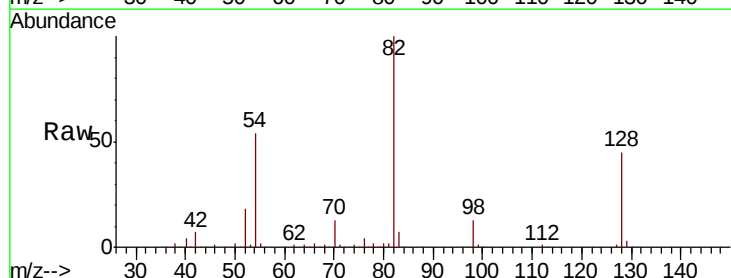
Tgt Ion: 82 Resp: 416288

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

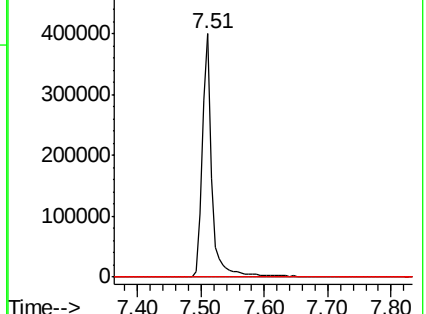
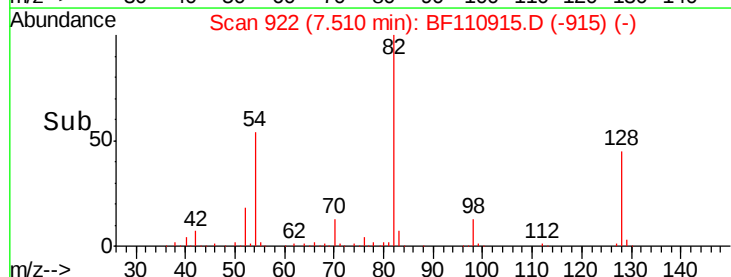
138 0.0 13.2 19.8#

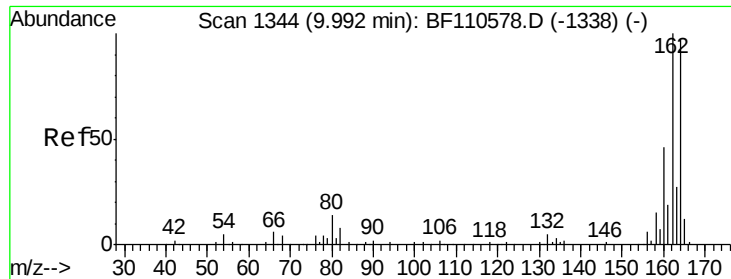


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

Instrument :

BNA_F

ClientSampleId :

NON-UST-02R

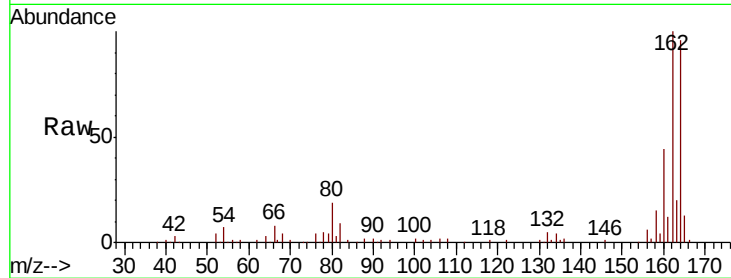
Tgt Ion:164 Resp: 101602

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

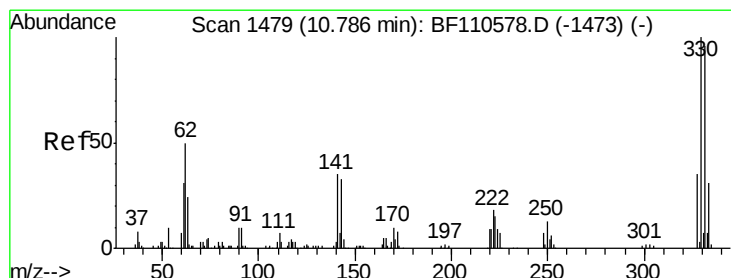
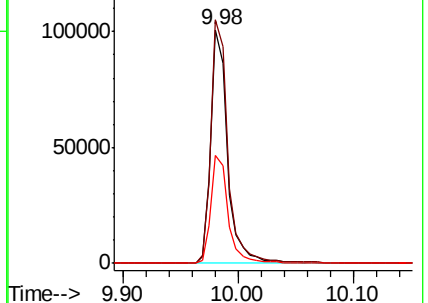
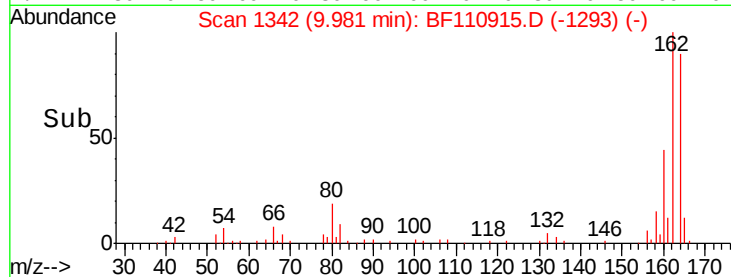
160 46.1 37.0 55.6



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: 116.311 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

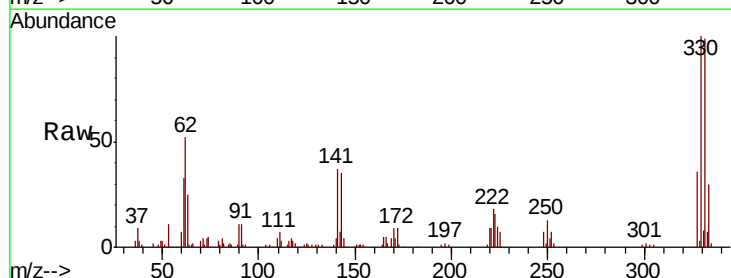
Tgt Ion:330 Resp: 119075

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

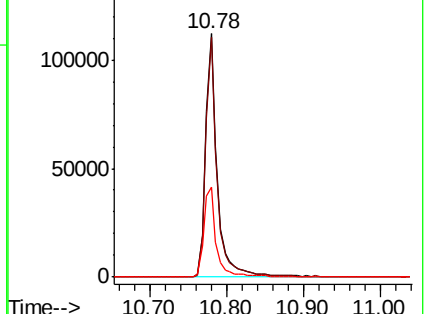
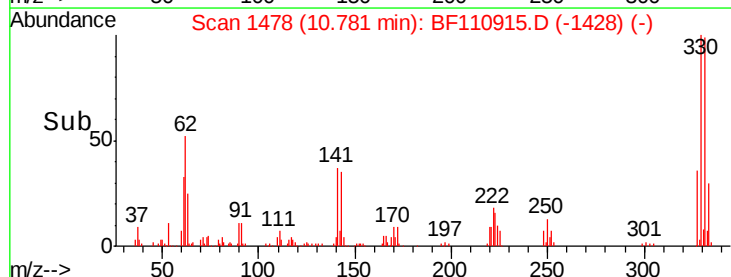
141 38.9 27.0 40.4

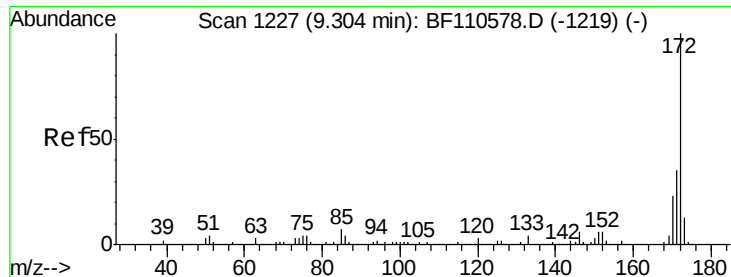


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

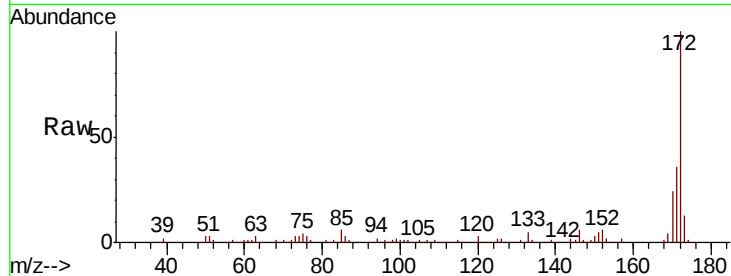




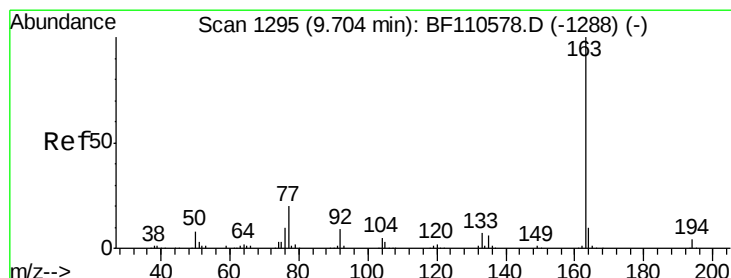
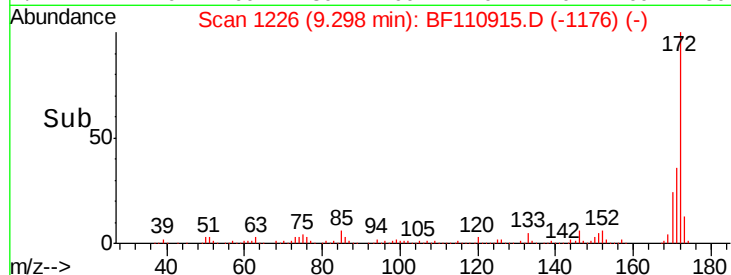
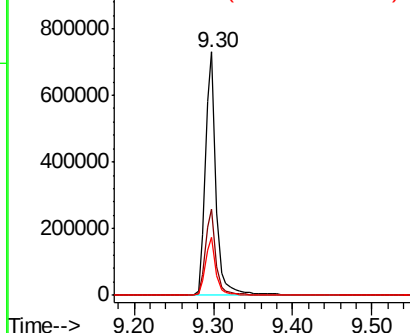
#45
 2-Fluorobiphenyl
 Concen: 98.424 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110915.D
 Acq: 21 Nov 2018 2:08

Instrument :
 BNA_F
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 NON-UST-02R

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.6	19.7	29.5

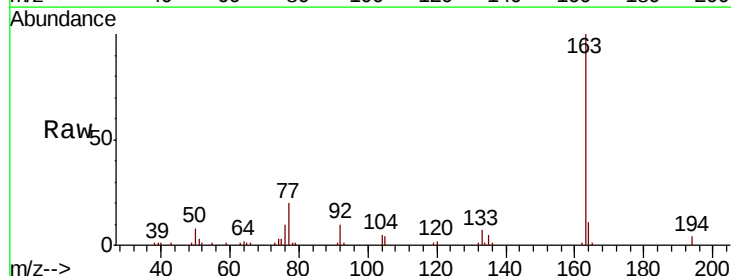


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

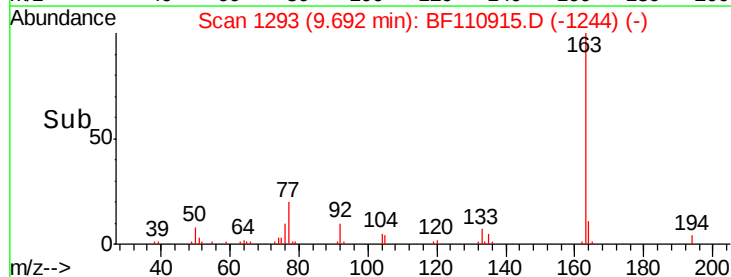
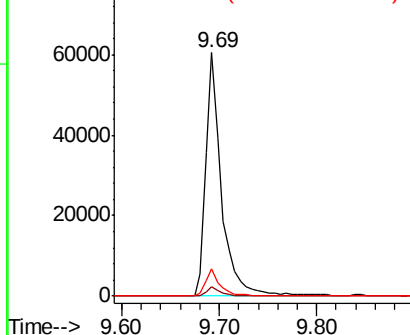


#50
 Dimethylphthalate
 Concen: 8.994 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110915.D
 Acq: 21 Nov 2018 2:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	11.2	8.1	12.1



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

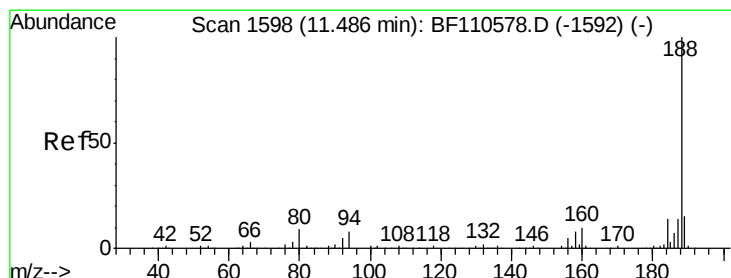
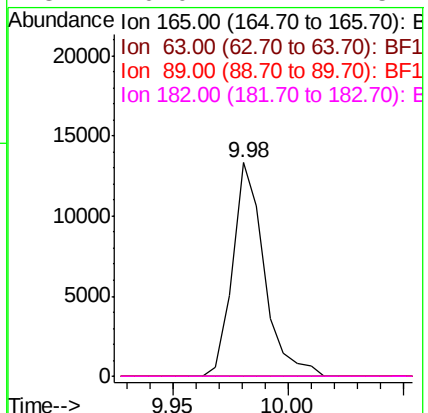
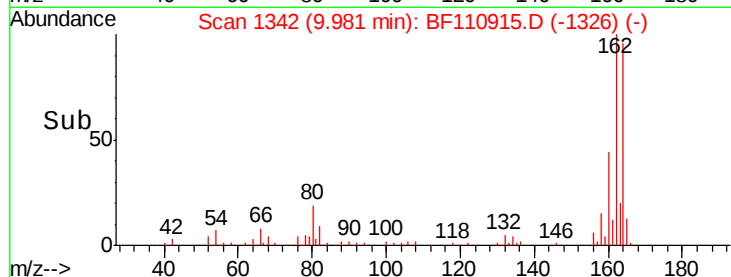
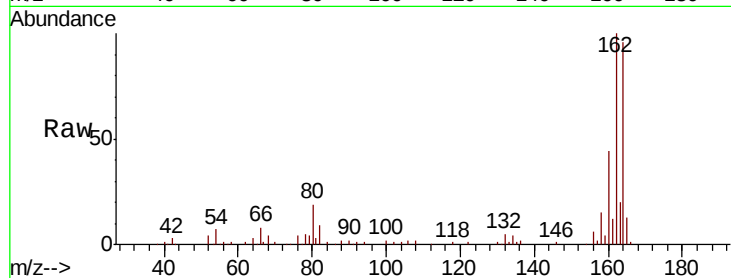




#57
2,4-Dinitrotoluene
Concen: 5.867 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

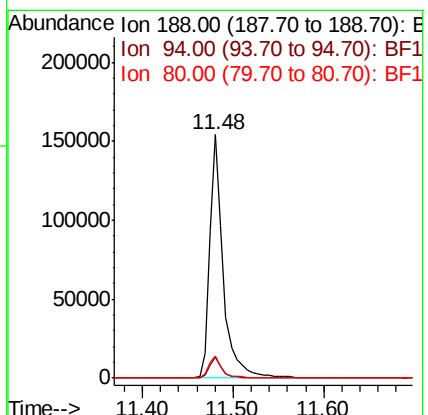
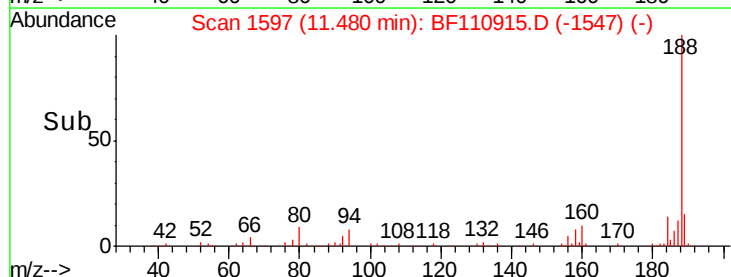
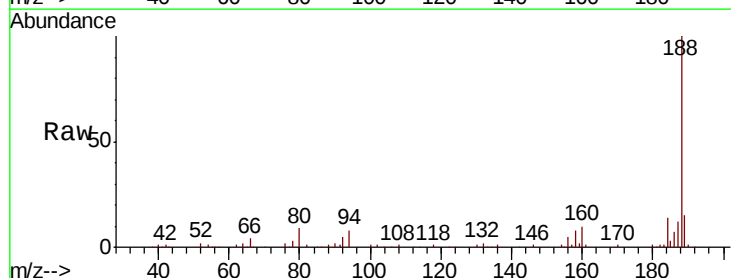
Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

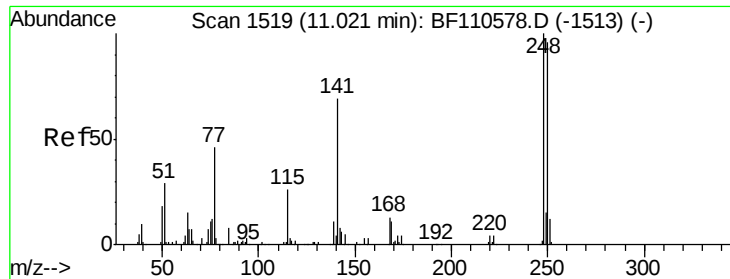
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.3	7.9	11.9

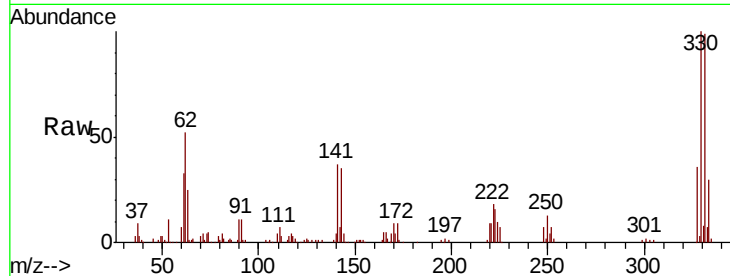




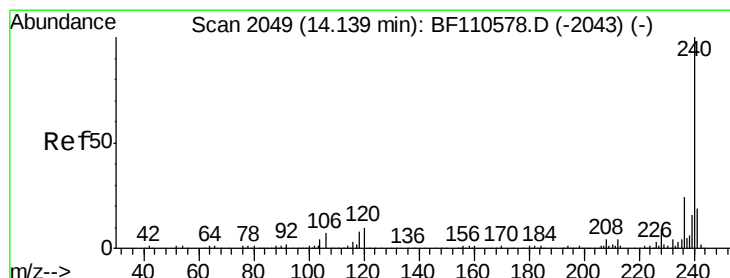
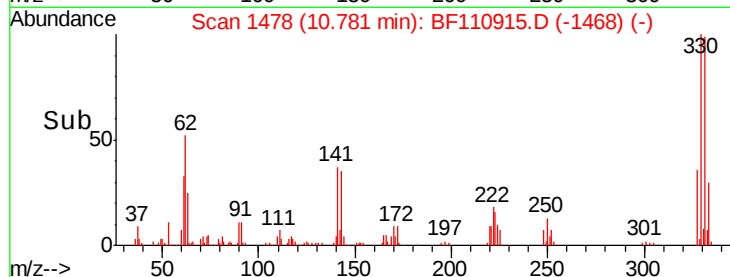
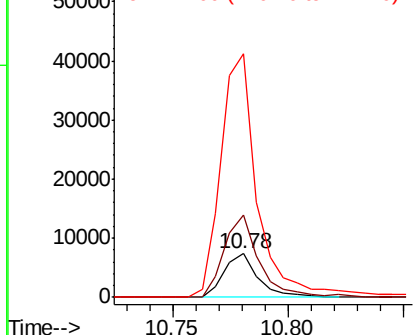
#67
4-Bromophenyl-phenylether
Concen: 4.173 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tgt Ion:248 Resp: 7509
Ion Ratio Lower Upper
248 100
250 190.1 79.4 119.2#
141 558.6 55.9 83.9#

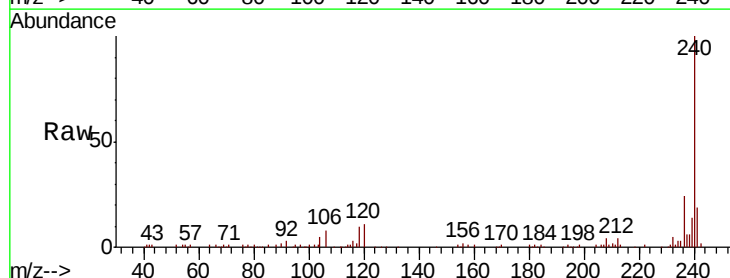


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

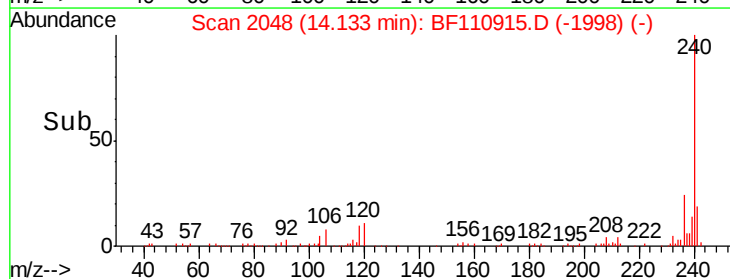
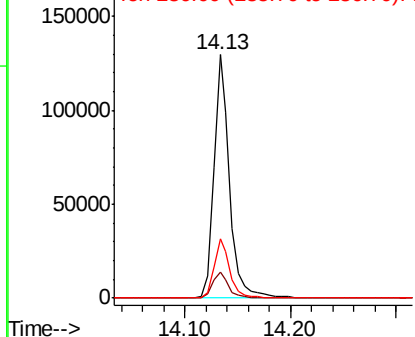


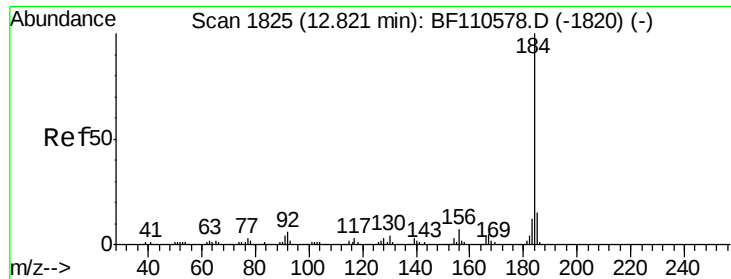
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion:240 Resp: 135116
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 24.5 21.2 31.8



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





#77

Benzidine

Concen: 2.004 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.24 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

Instrument :

BNA_F

ClientSampleId :

NON-UST-02R

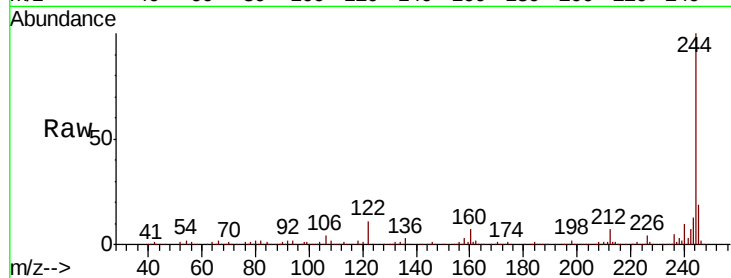
Tgt Ion:184 Resp: 7447

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.2

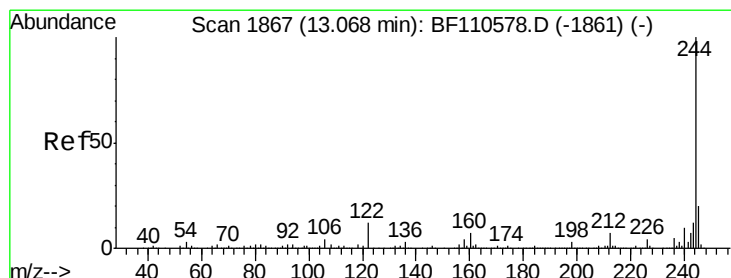
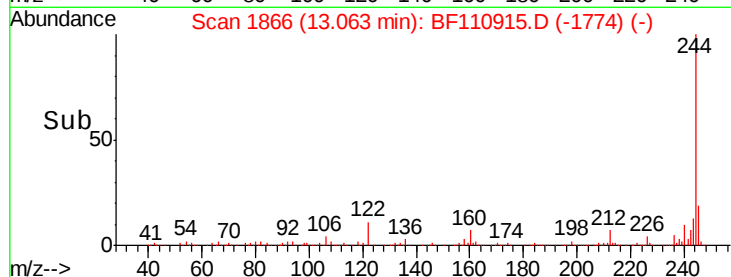
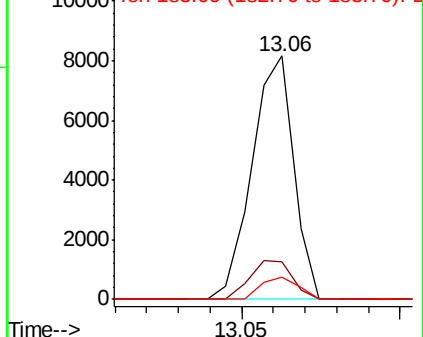
183 8.9 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 76.064 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110915.D

Acq: 21 Nov 2018 2:08

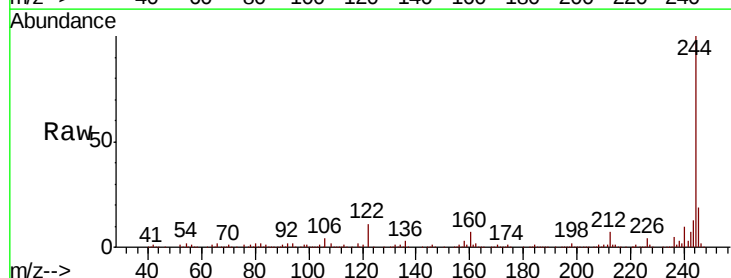
Tgt Ion:244 Resp: 548788

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

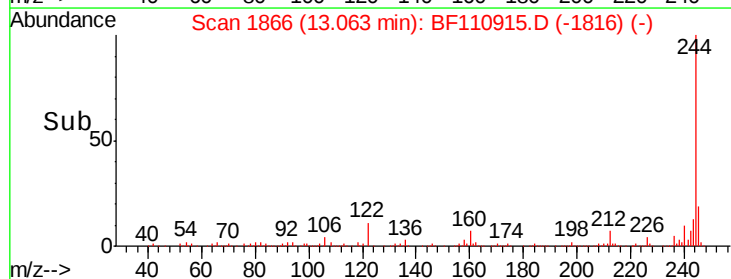
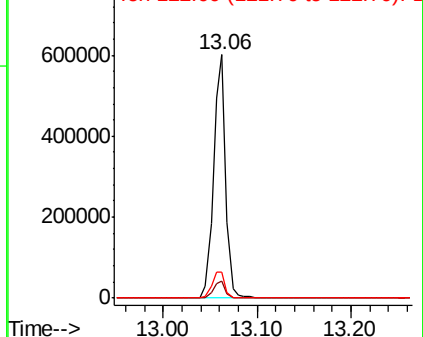
122 10.9 8.7 13.1

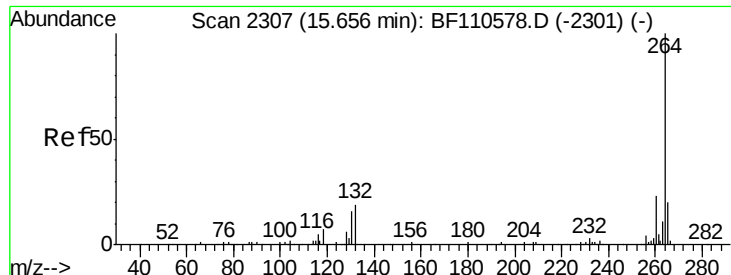


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

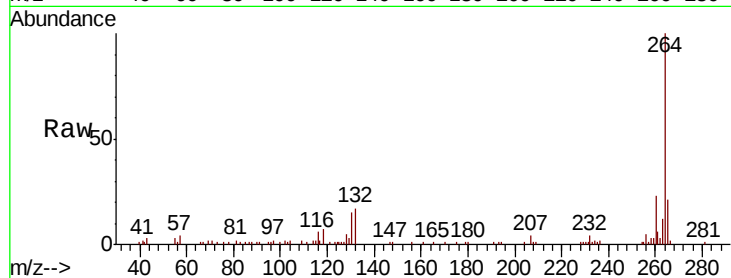




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tgt Ion: 264 Resp: 89171
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.0 16.7 25.1



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

