

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
 Data File : BF110916.D
 Acq On : 21 Nov 2018 2:36
 Operator : JU/SJ
 Sample : J6003-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-04

Quant Time: Nov 21 04:20:33 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

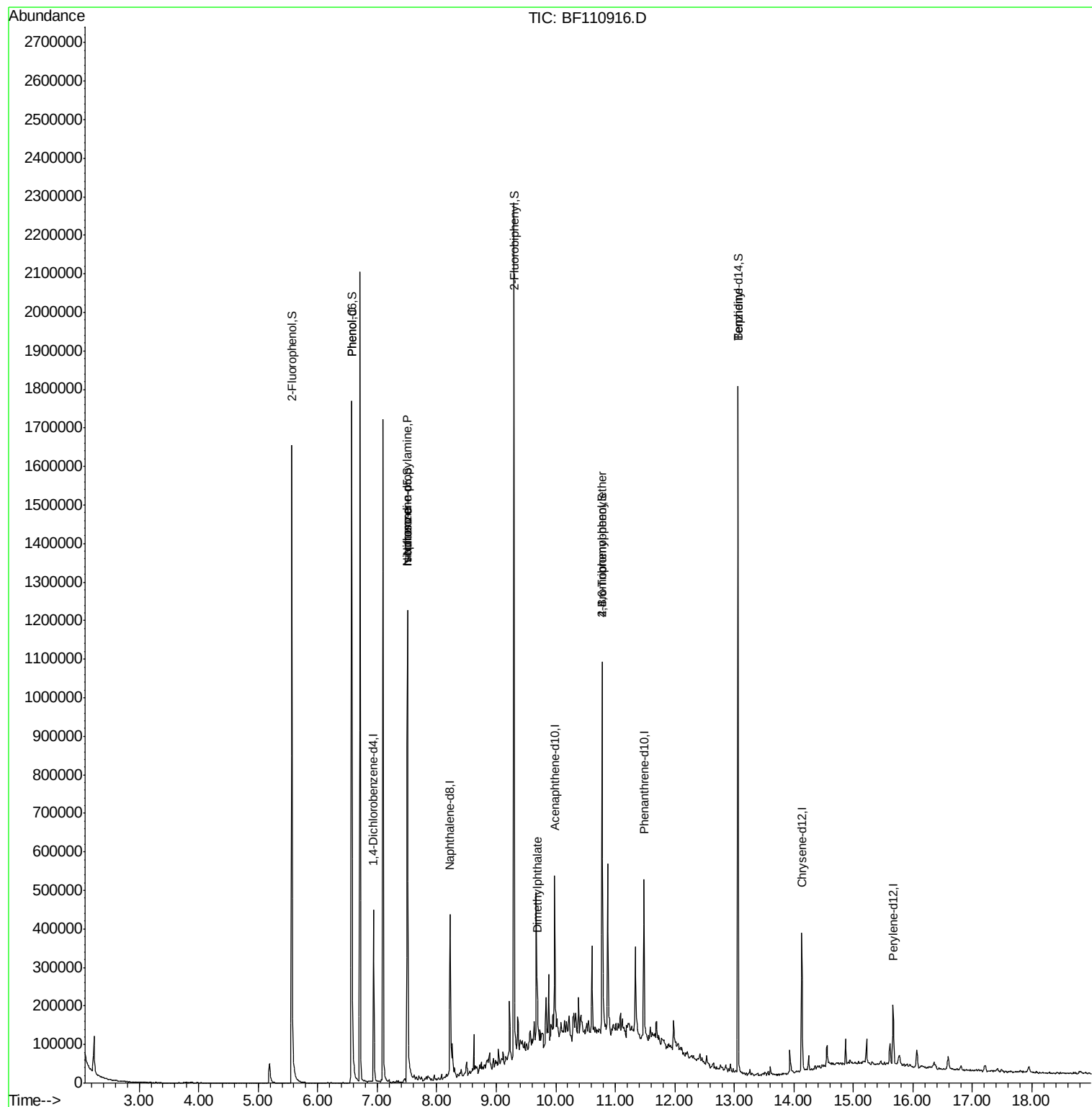
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64403	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	244655	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	98996	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	153676	20.00	ng	0.00
76) Chrysene-d12	14.13	240	132050	20.00	ng	0.00
87) Perylene-d12	15.67	264	85002	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	542653	136.86	ng	0.00
7) Phenol-d6	6.57	99	674931	133.12	ng	0.00
23) Nitrobenzene-d5	7.51	82	425119	100.07	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	118291	118.59	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	686802	99.08	ng	0.00
79) Terphenyl-d14	13.06	244	552192	78.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1266	Below Cal		Qvalue
10) Phenol	6.58	94	34915	5.939 ng	#	1
19) n-Nitroso-di-n-propylamine	7.51	70	58103	17.953 ng	#	81
25) Isophorone	7.51	82	425119	61.055 ng	#	67
50) Dimethylphthalate	9.69	163	41421	5.607 ng		99
67) 4-Bromophenyl-phenylether	10.78	248	7748	4.562 ng	#	1
77) Benizidine	13.06	184	7827	2.155 ng	#	95

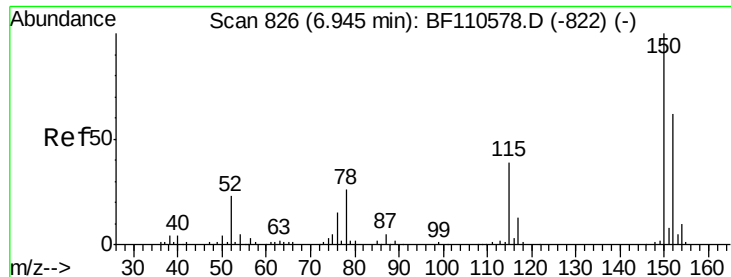
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110916.D
Acq On : 21 Nov 2018 2:36
Operator : JU/SJ
Sample : J6003-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NON-UST-04

Quant Time: Nov 21 04:20:33 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



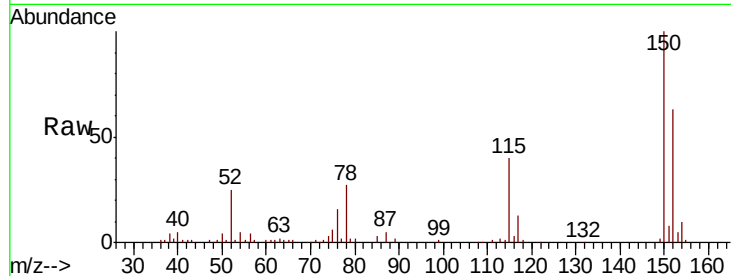


#1

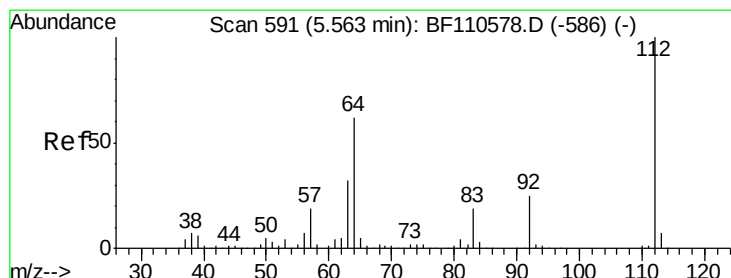
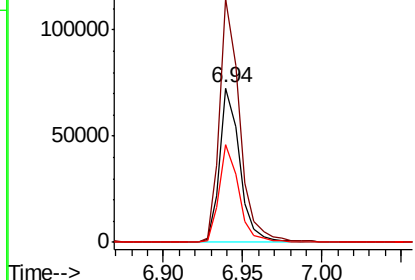
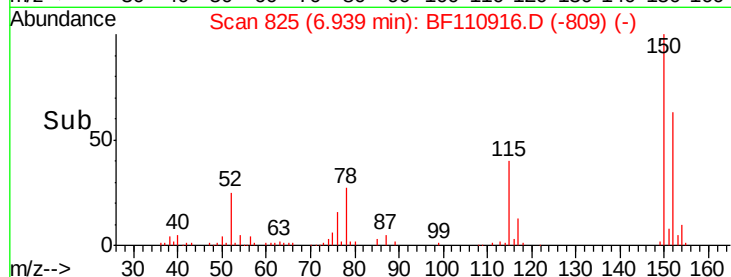
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Instrument :
BNA_F
ClientSampleId :
NON-UST-04

Tgt Ion:152 Resp: 64403
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 62.9 49.1 73.7



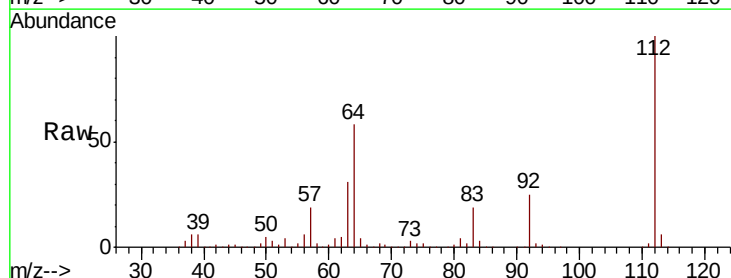
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



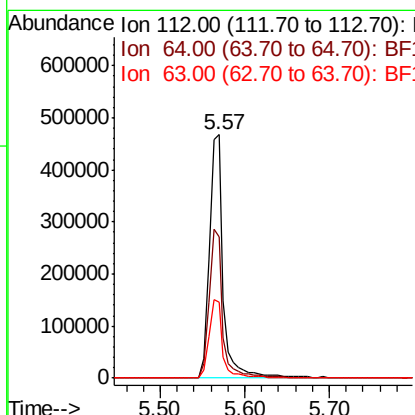
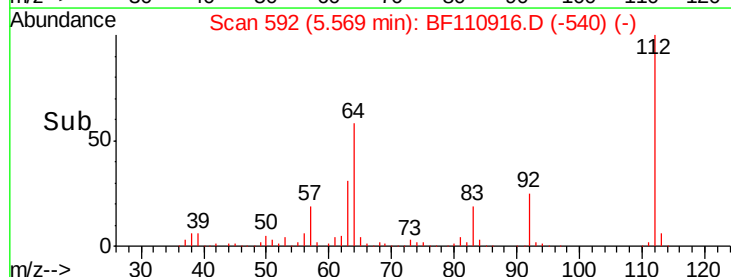
#5

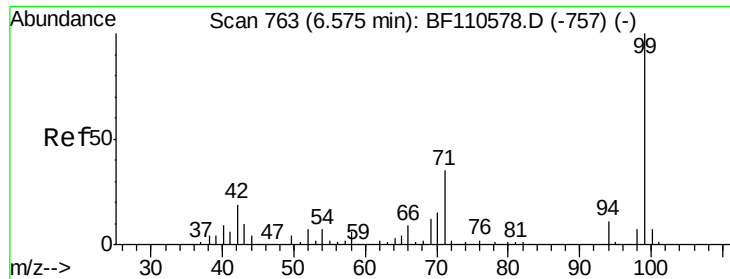
2-Fluorophenol
Concen: 136.863 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Tgt Ion:112 Resp: 542653
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 31.2 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: 133.117 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

Instrument :

BNA_F

ClientSampleId :

NON-UST-04

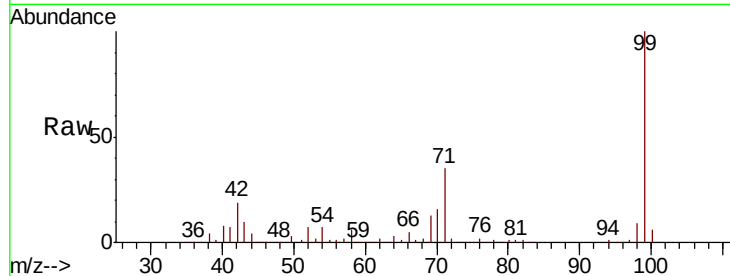
Tgt Ion: 99 Resp: 674931

Ion Ratio Lower Upper

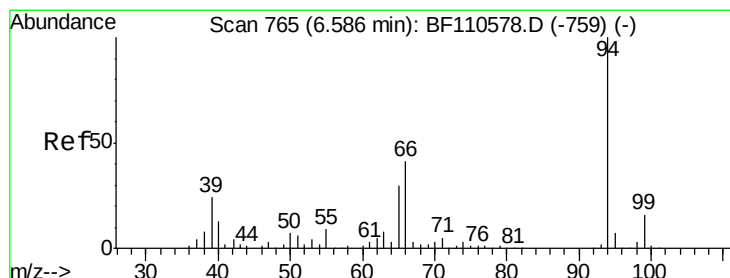
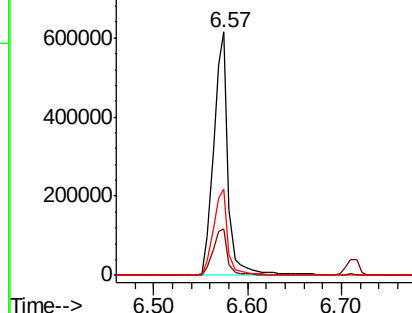
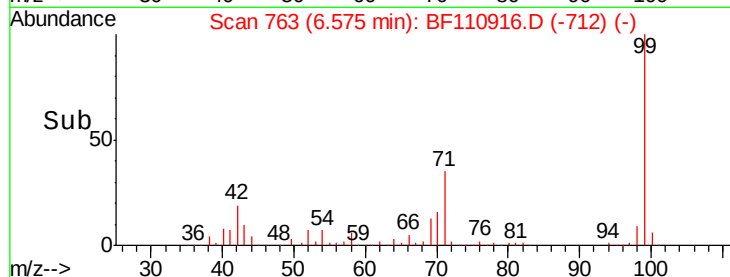
99 100

42 19.0 15.8 23.6

71 35.3 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: 5.939 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

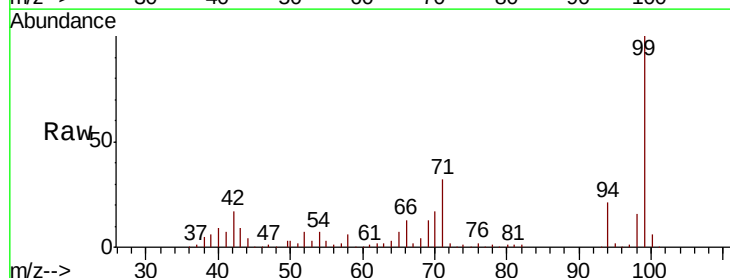
Tgt Ion: 94 Resp: 34915

Ion Ratio Lower Upper

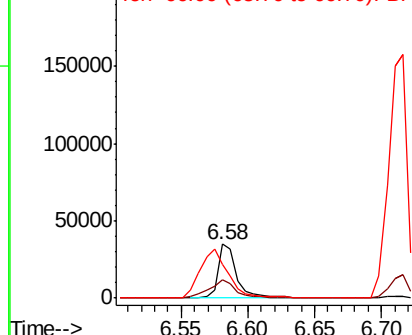
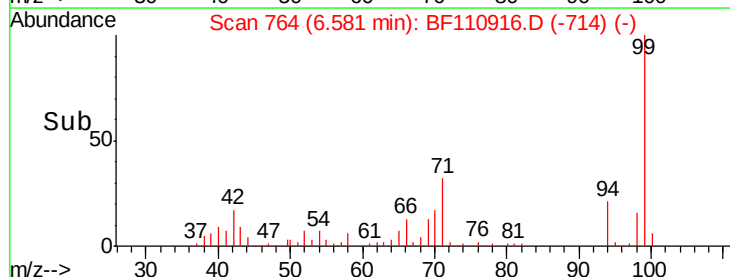
94 100

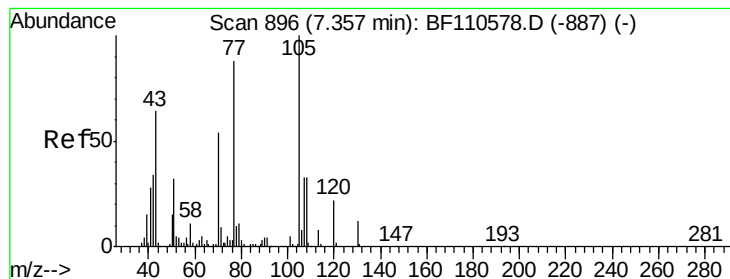
65 34.7 25.3 65.3

66 62.3 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: 17.953 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

Instrument :

BNA_F

ClientSampleId :

NON-UST-04

Tgt Ion: 70 Resp: 58103

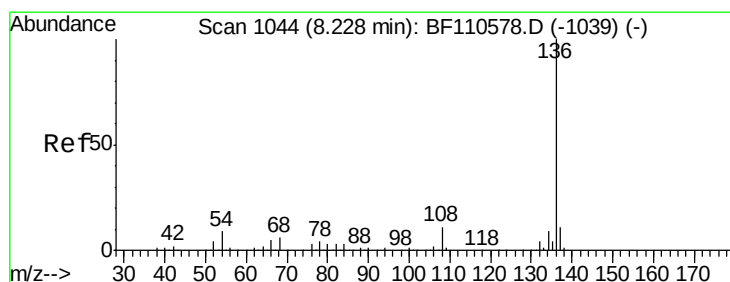
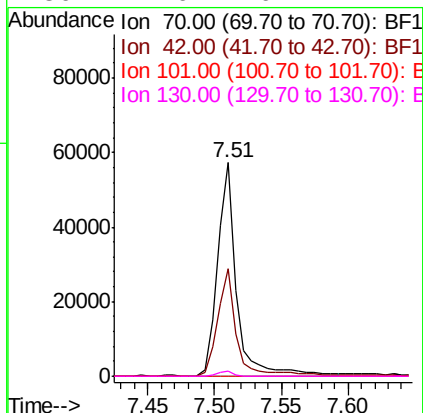
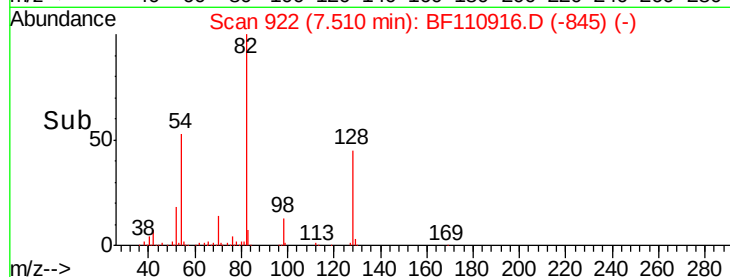
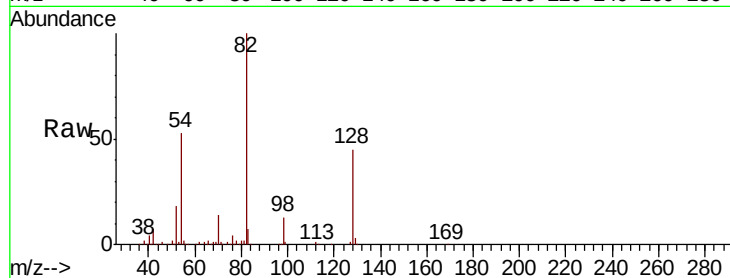
Ion Ratio Lower Upper

70 100

42 50.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.6 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: BF110916.D

Acq: 21 Nov 2018 2:36

Tgt Ion: 136 Resp: 244655

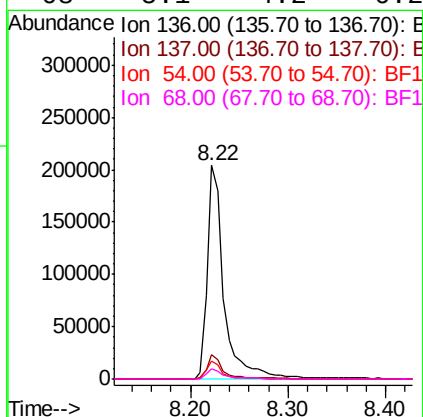
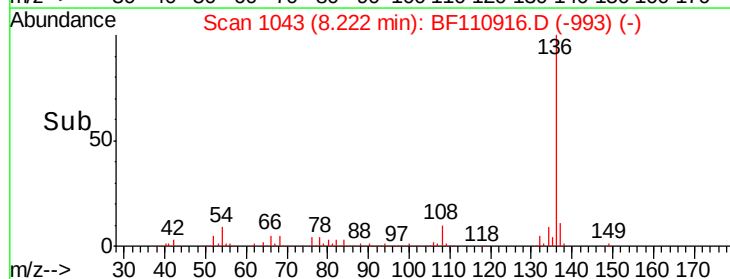
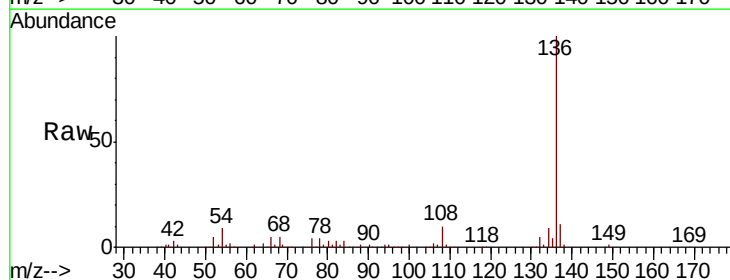
Ion Ratio Lower Upper

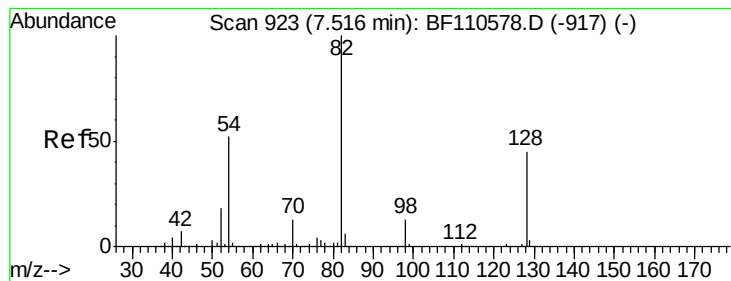
136 100

137 11.3 8.8 13.2

54 8.6 5.4 8.2#

68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 100.069 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

Instrument :

BNA_F

ClientSampleId :

NON-UST-04

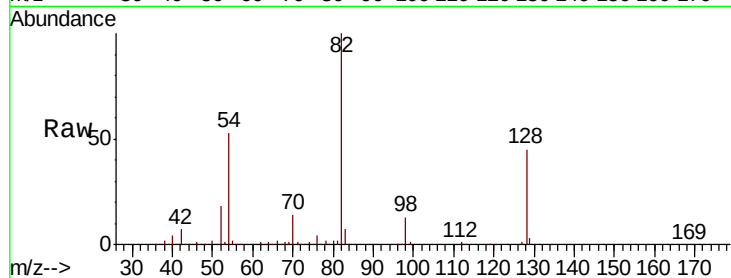
Tgt Ion: 82 Resp: 425119

Ion Ratio Lower Upper

82 100

128 45.2 34.2 51.2

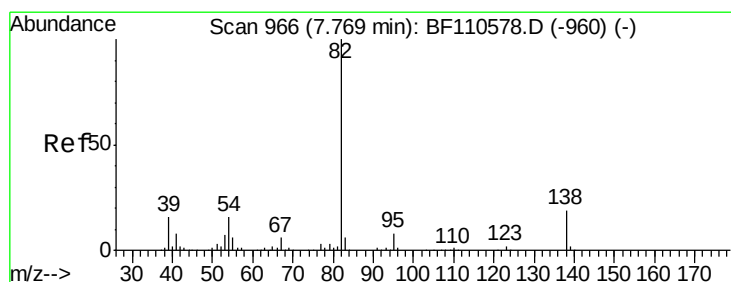
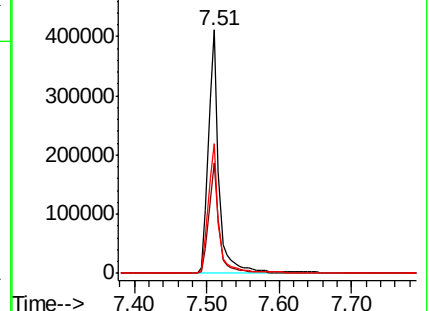
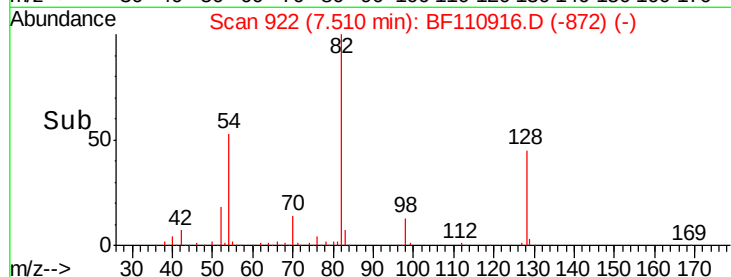
54 53.1 38.6 58.0



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: 61.055 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

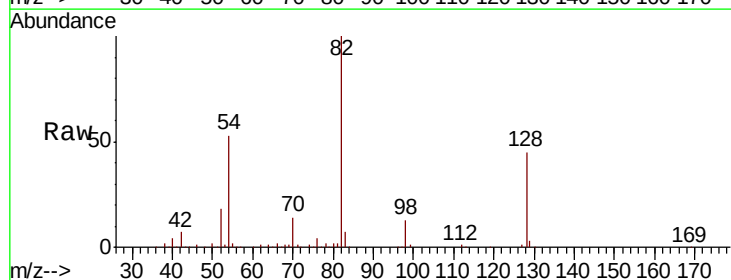
Tgt Ion: 82 Resp: 425119

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

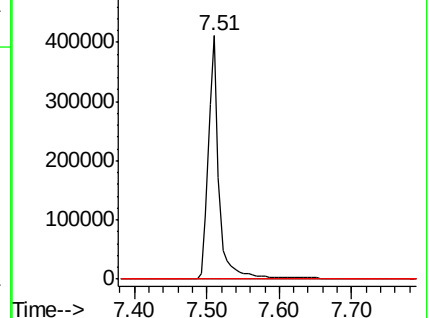
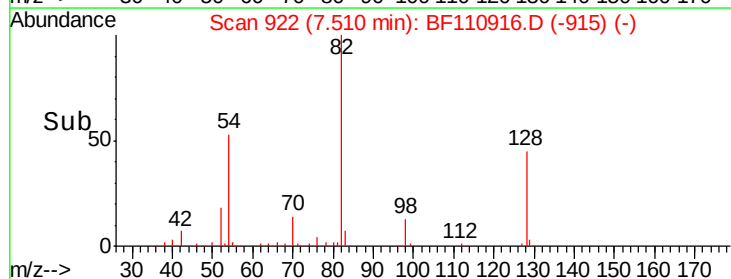
138 0.0 13.2 19.8#

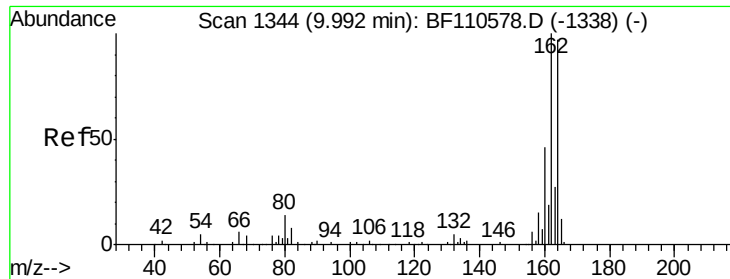


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

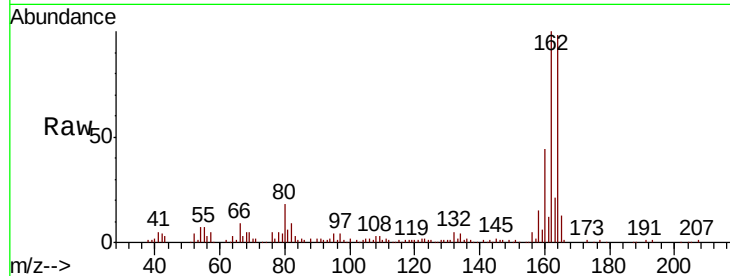




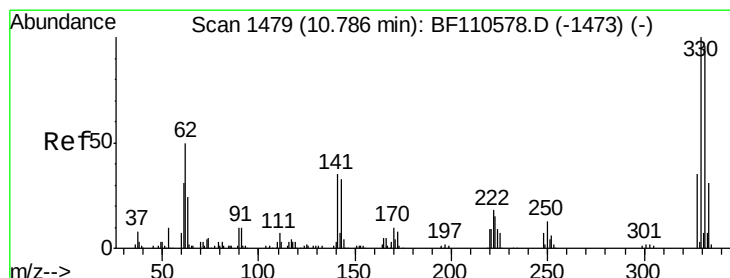
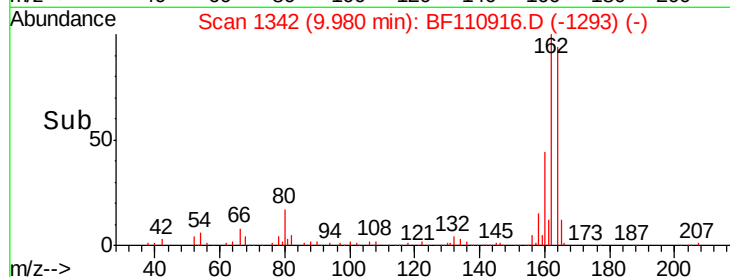
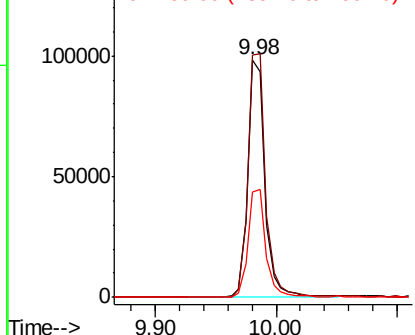
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Instrument :
BNA_F
ClientSampleId :
NON-UST-04

Tgt Ion:164 Resp: 98996
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.6
160 44.5 37.0 55.6

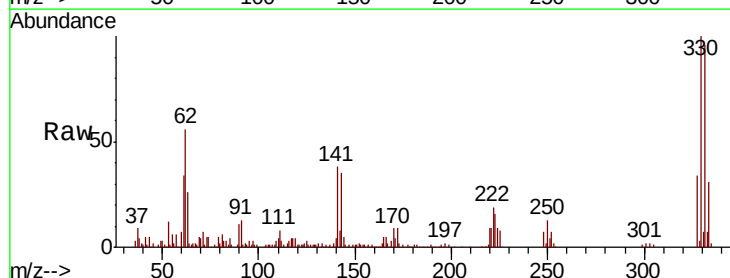


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

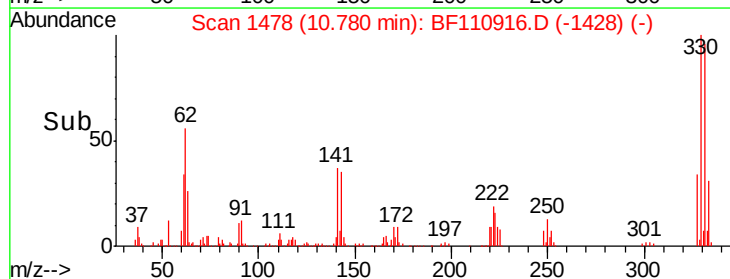
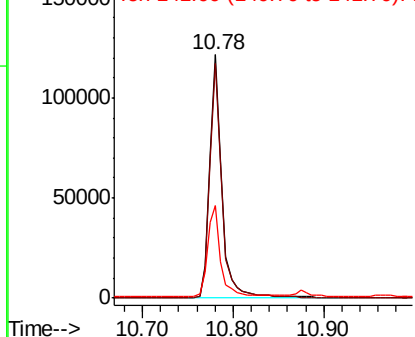


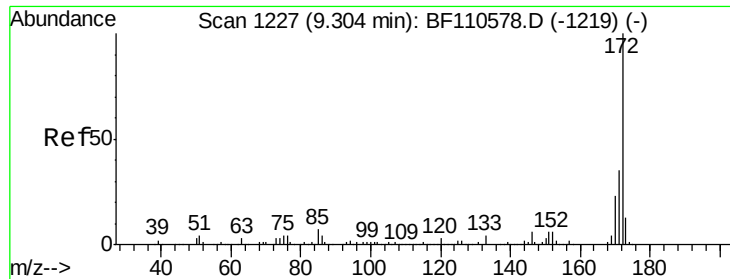
#42
2,4,6-Tribromophenol
Concen: 118.586 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Tgt Ion:330 Resp: 118291
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 39.2 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

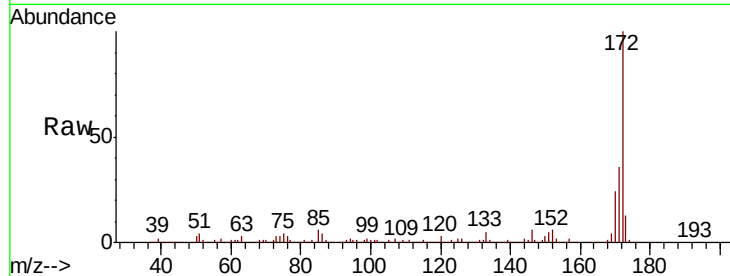




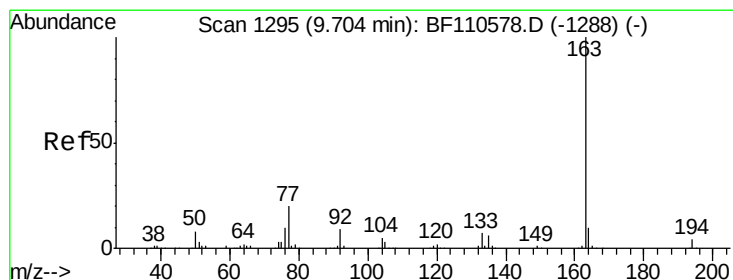
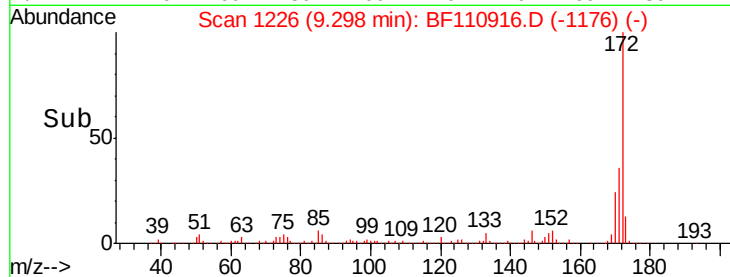
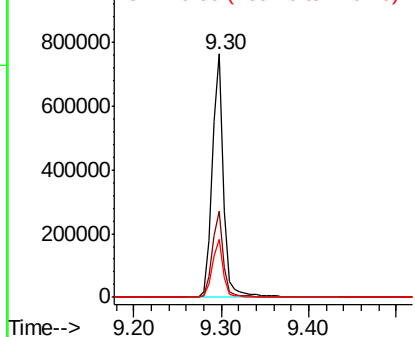
#45
2-Fluorobiphenyl
Concen: 99.083 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Instrument :
BNA_F
ClientSampleId :
NON-UST-04

Tgt Ion:172 Resp: 686802
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.8 19.7 29.5

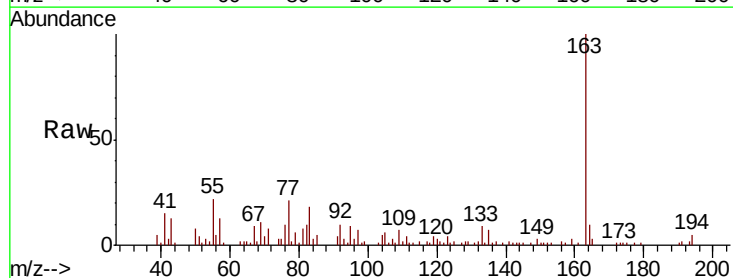


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

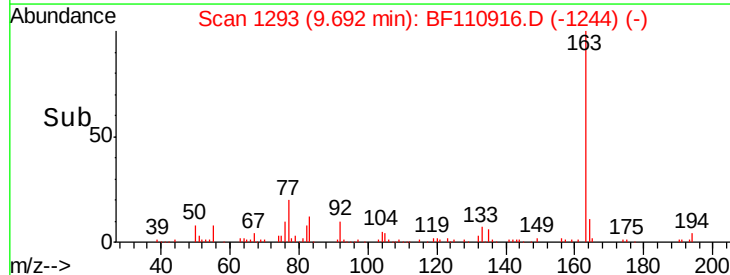
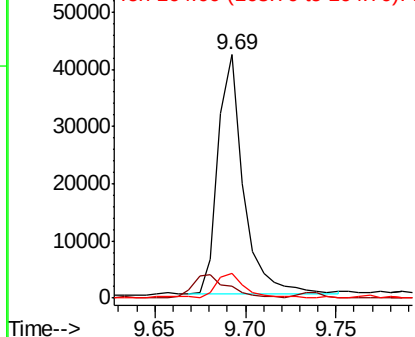


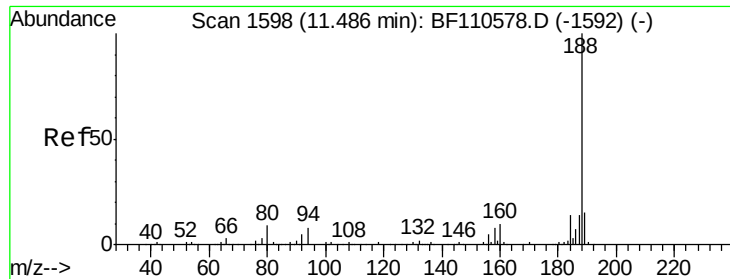
#50
Dimethylphthalate
Concen: 5.607 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Tgt Ion:163 Resp: 41421
Ion Ratio Lower Upper
163 100
194 4.7 3.2 4.8
164 10.4 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

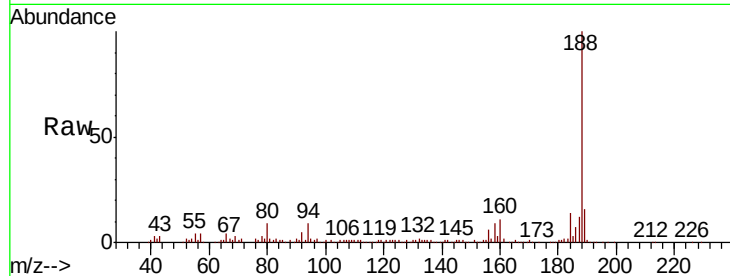




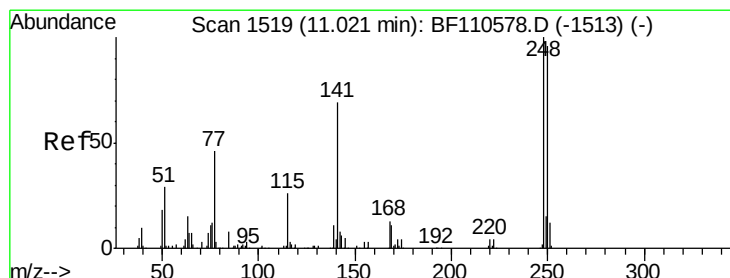
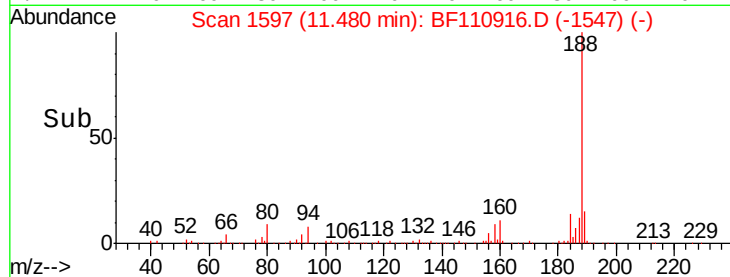
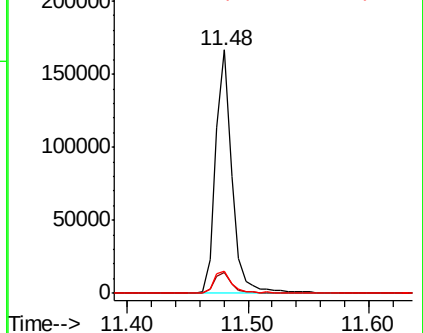
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110916.D
 Acq: 21 Nov 2018 2:36

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-04

Tgt Ion:188 Resp: 153676
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.2 10.8
 80 9.0 7.9 11.9

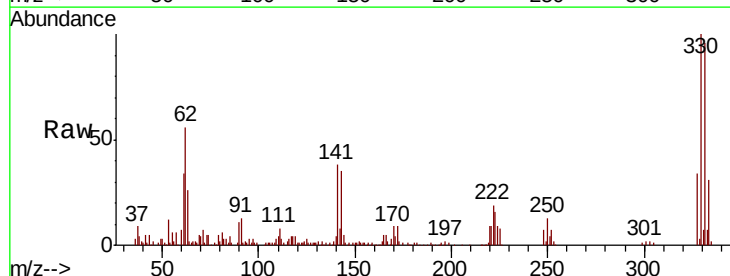


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

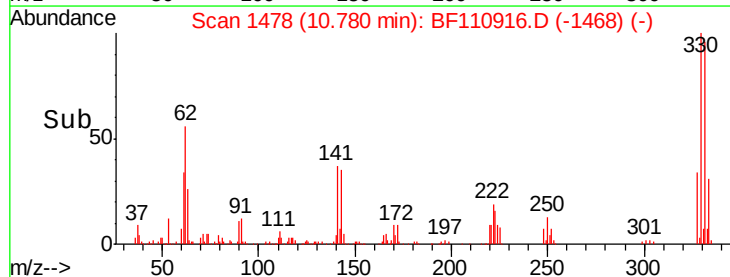
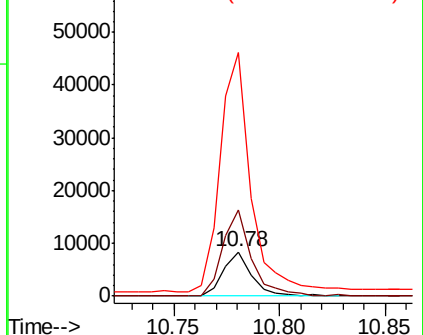


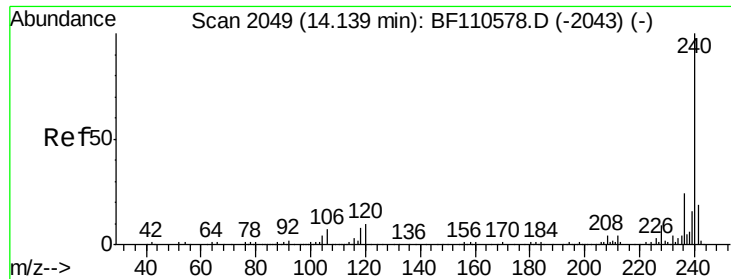
#67
 4-Bromophenyl-phenylether
 Concen: 4.562 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110916.D
 Acq: 21 Nov 2018 2:36

Tgt Ion:248 Resp: 7748
 Ion Ratio Lower Upper
 248 100
 250 194.3 79.4 119.2#
 141 549.0 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

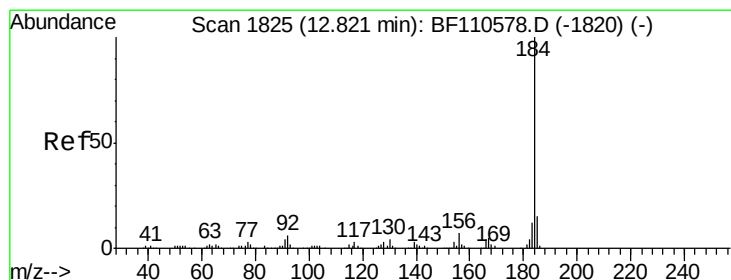
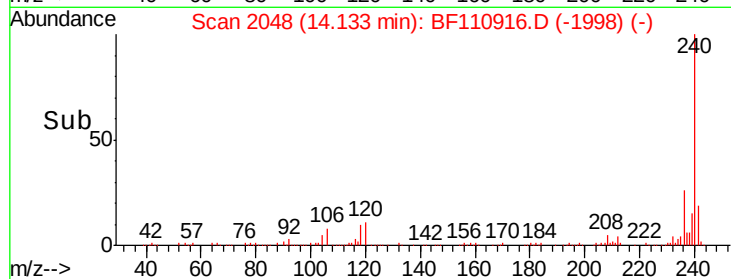
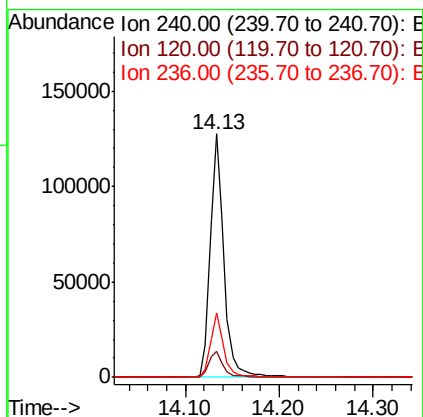
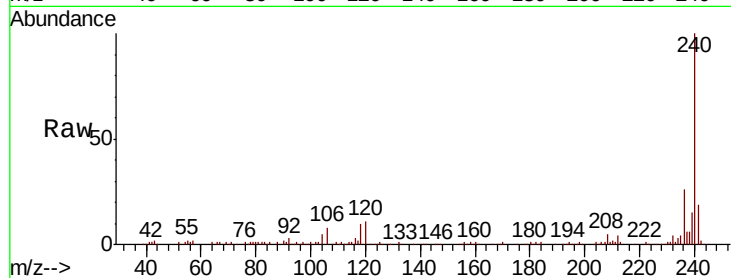




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

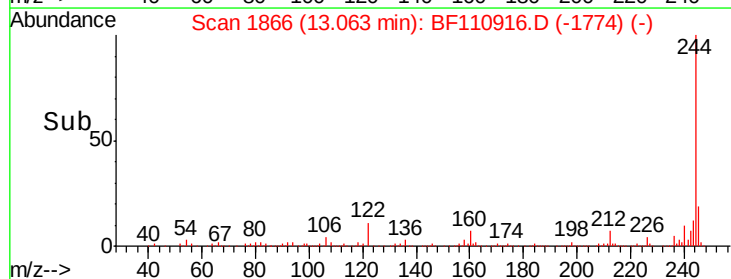
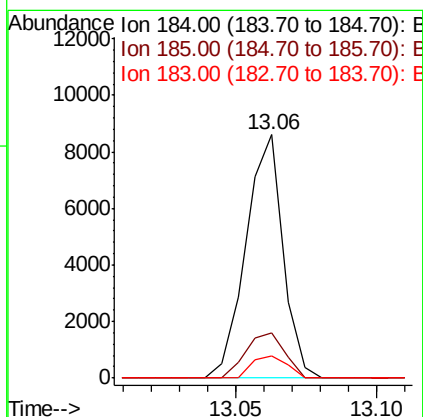
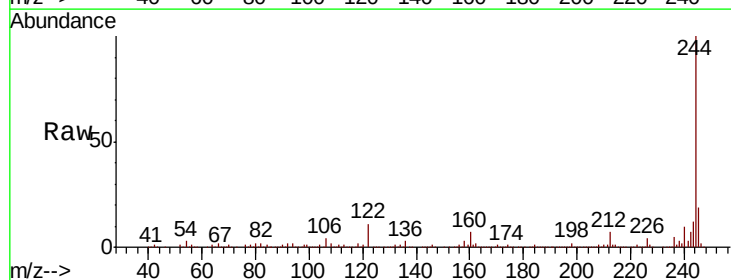
Instrument :
BNA_F
ClientSampleId :
NON-UST-04

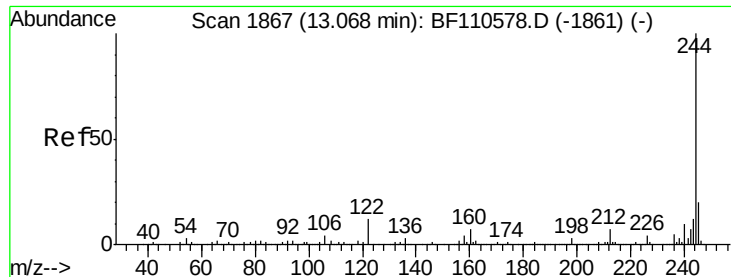
Tgt Ion:240 Resp: 132050
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 26.4 21.2 31.8



#77
Benzidine
Concen: 2.155 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110916.D
Acq: 21 Nov 2018 2:36

Tgt Ion:184 Resp: 7827
Ion Ratio Lower Upper
184 100
185 18.5 13.4 20.2
183 9.3 9.4 14.2#





#79

Terphenyl-d14

Concen: 78.313 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110916.D

Acq: 21 Nov 2018 2:36

Instrument :

BNA_F

ClientSampleId :

NON-UST-04

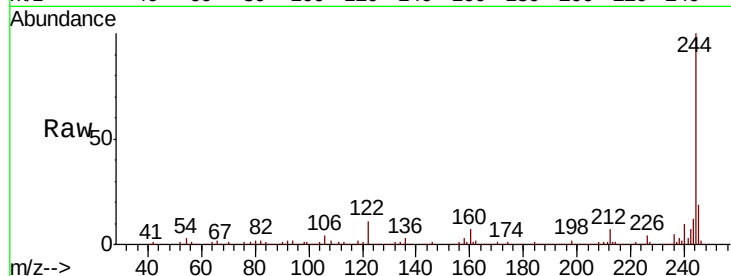
Tgt Ion:244 Resp: 552192

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

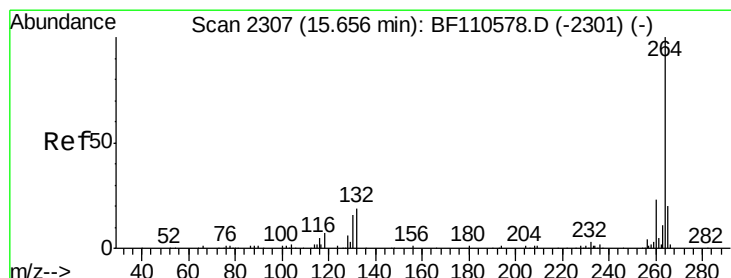
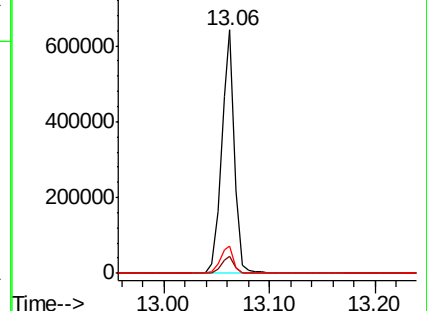
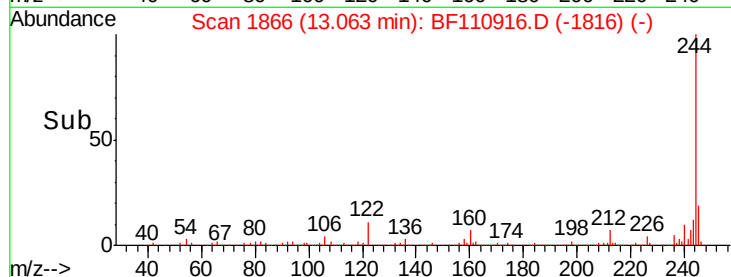
122 11.2 8.7 13.1



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: BF110916.D

Acq: 21 Nov 2018 2:36

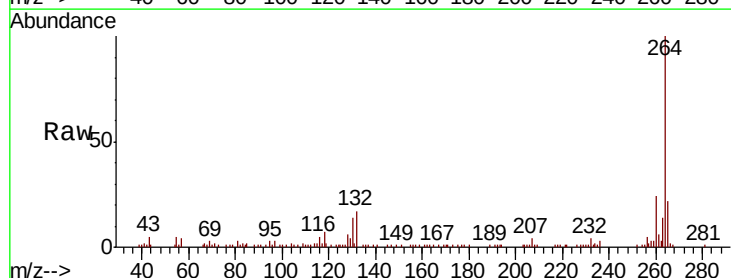
Tgt Ion:264 Resp: 85002

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.2 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

