

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113358.D
 Acq On : 28 Mar 2019 5:29
 Operator : JU/SJ
 Sample : K2097-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-20

Quant Time: Mar 28 08:49:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

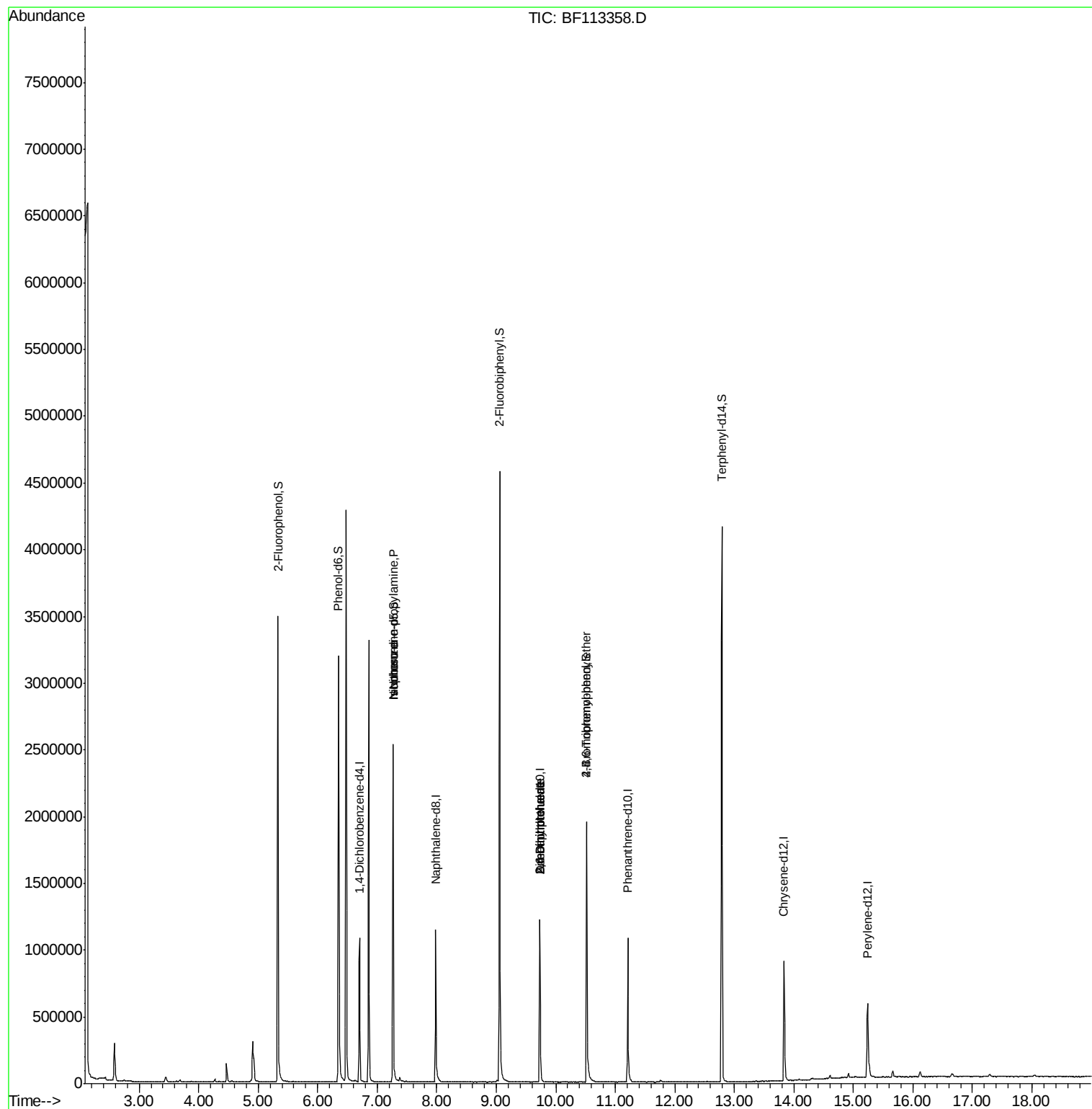
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168039	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	622620	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	280206	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	481368	20.00	ng	0.00
76) Chrysene-d12	13.83	240	409443	20.00	ng	-0.01
87) Perylene-d12	15.24	264	314015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1153122	112.21	ng	0.02
7) Phenol-d6	6.35	99	1355358	104.25	ng	0.00
23) Nitrobenzene-d5	7.27	82	950492	90.61	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	348264	100.62	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1662501	95.09	ng	0.00
79) Terphenyl-d14	12.79	244	1543296	83.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	124688	15.269	ng	# 74
25) Isophorone	7.27	82	950478	46.755	ng	# 64
50) Dimethylphthalate	9.73	163	68118	3.280	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	34122	7.284	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	34122	5.728	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	19304	3.679	ng	# 1

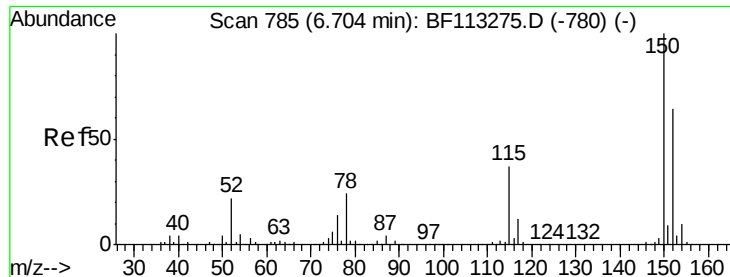
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

Instrument :

BNA_F

ClientSampleId :

CS-20

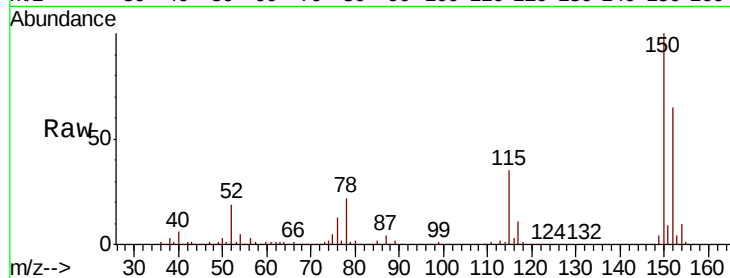
Tgt Ion:152 Resp: 168039

Ion Ratio Lower Upper

152 100

150 153.9 124.7 187.1

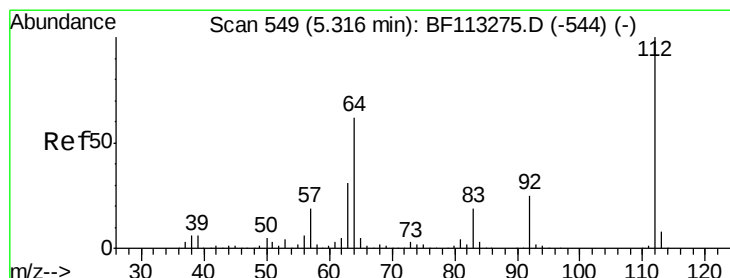
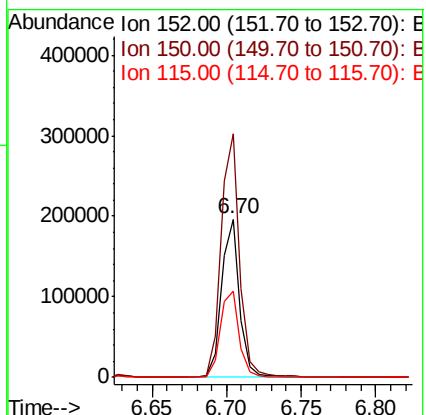
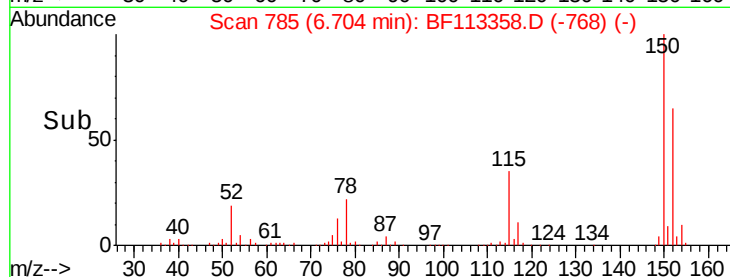
115 54.3 46.0 69.0



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: 112.206 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

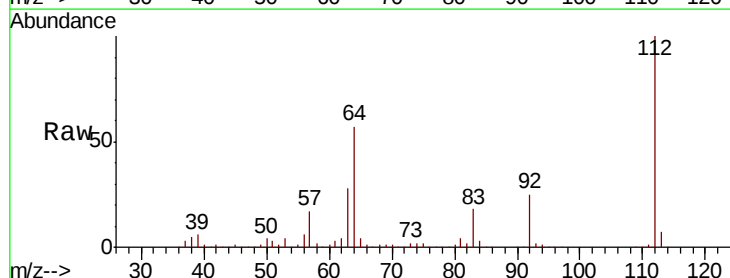
Tgt Ion:112 Resp: 1153122

Ion Ratio Lower Upper

112 100

64 56.6 49.2 73.8

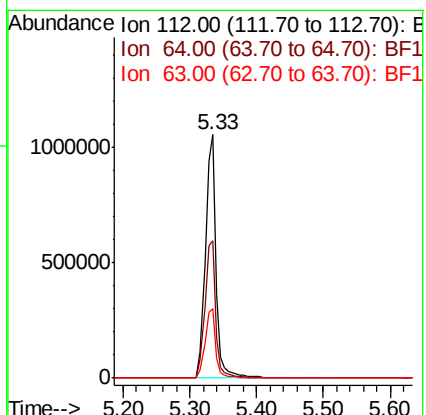
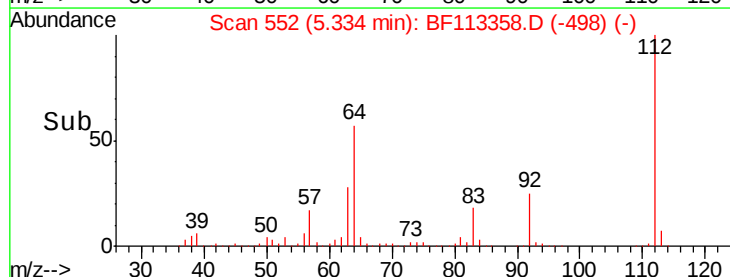
63 28.4 24.9 37.3

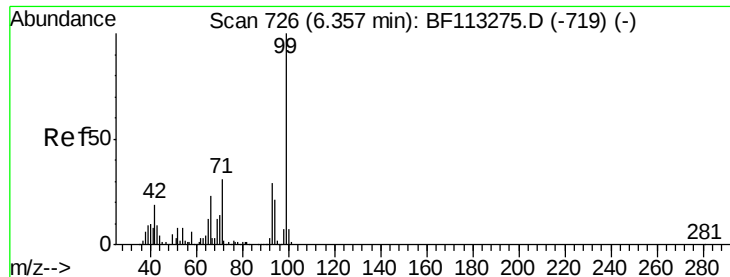


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.252 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

Instrument :

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CS-20

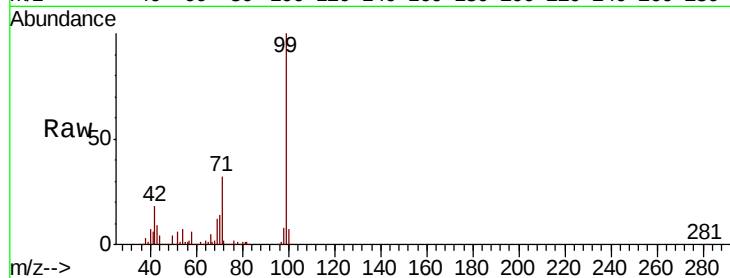
Tgt Ion: 99 Resp: 1355358

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

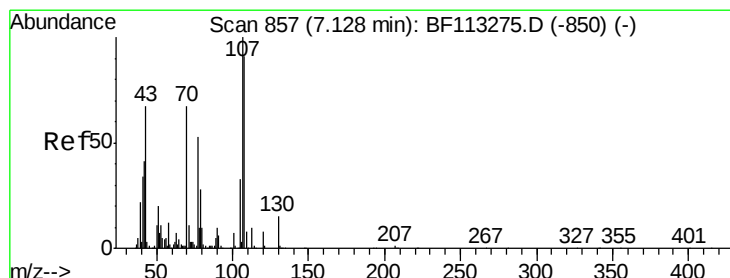
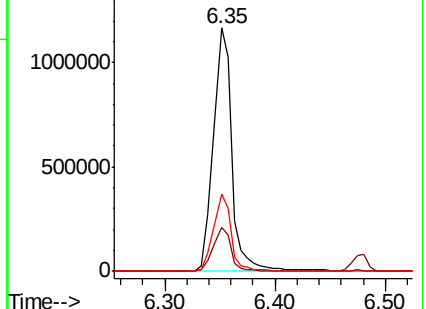
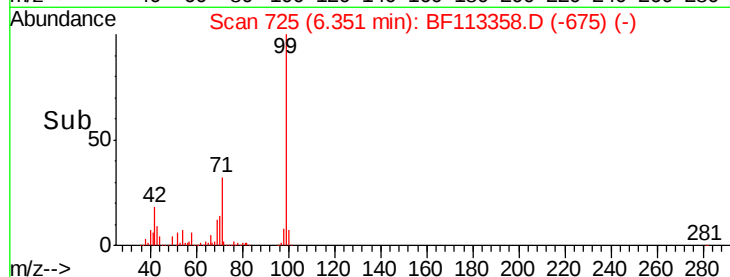
71 32.0 24.9 37.3



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: 15.269 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

Tgt Ion: 70 Resp: 124688

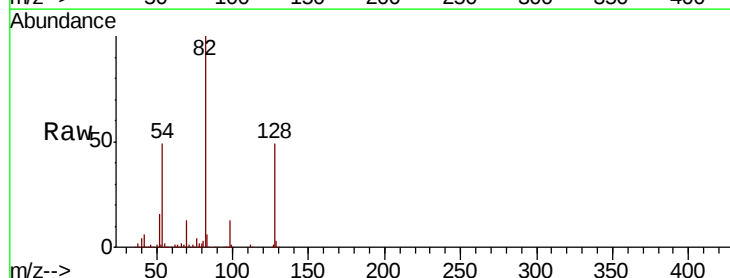
Ion Ratio Lower Upper

70 100

42 45.8 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

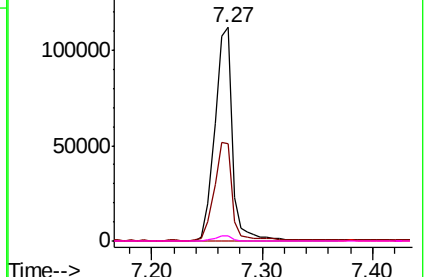
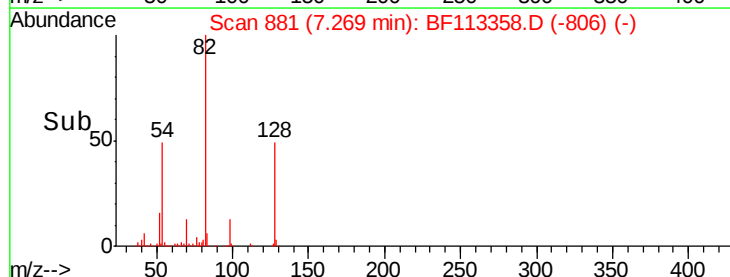


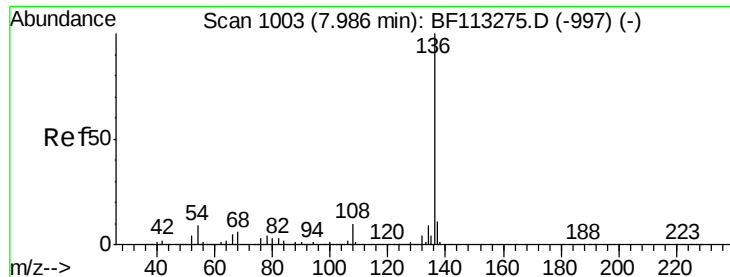
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

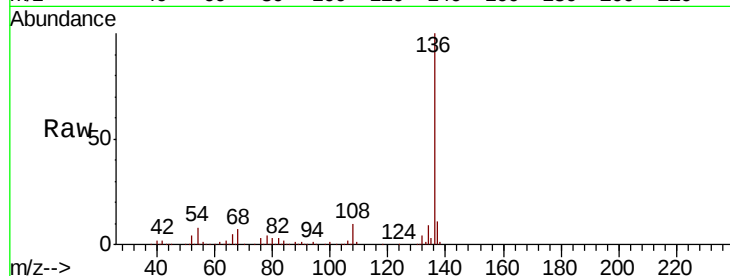




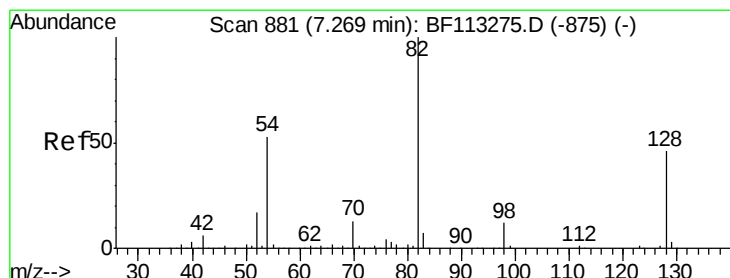
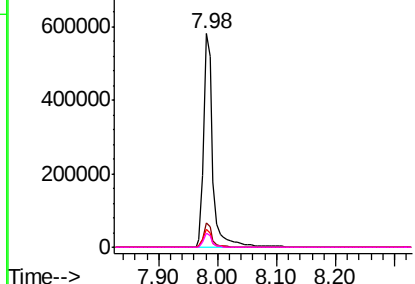
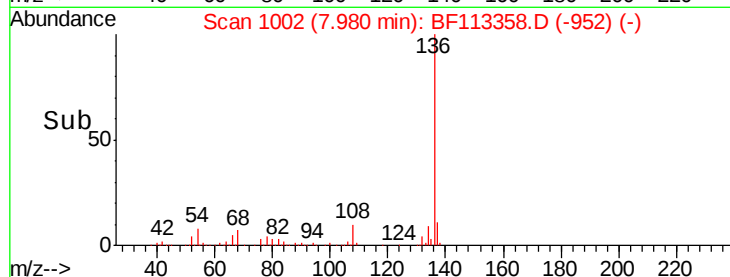
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113358.D
Acq: 28 Mar 2019 5:29

Instrument :
BNA_F
ClientSampleId :
CS-20

Tgt Ion:	136	Resp:	622620
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	7.0	10.6
68	6.5	4.8	7.2

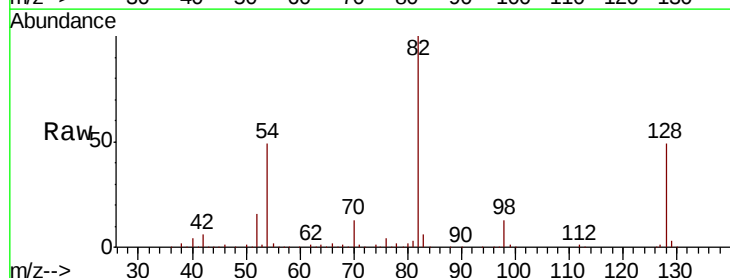


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

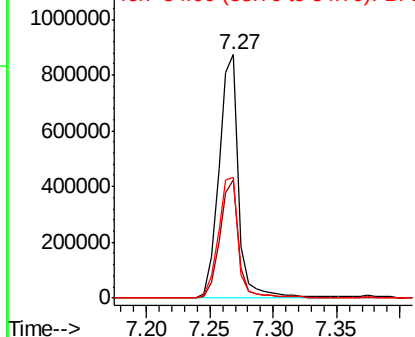
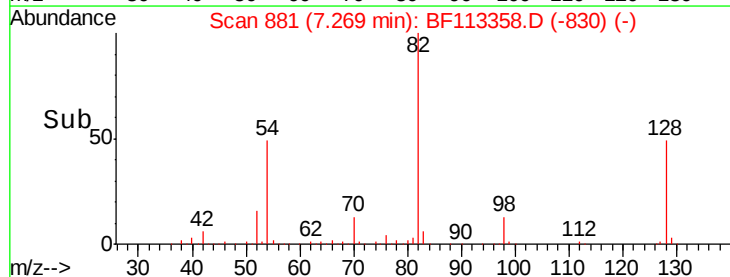


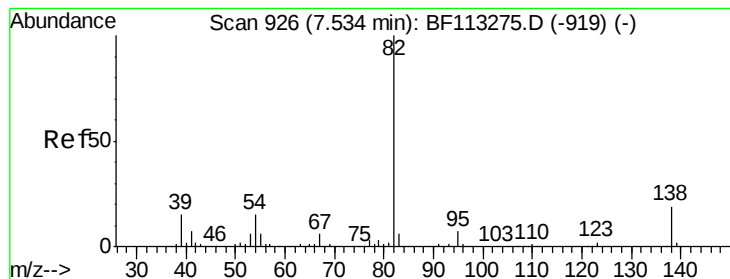
#23
Nitrobenzene-d5
Concen: 90.610 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113358.D
Acq: 28 Mar 2019 5:29

Tgt Ion:	82	Resp:	950492
Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.5	54.7
54	49.5	42.2	63.2



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: 46.755 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

Instrument :

BNA_F

ClientSampleId :

CS-20

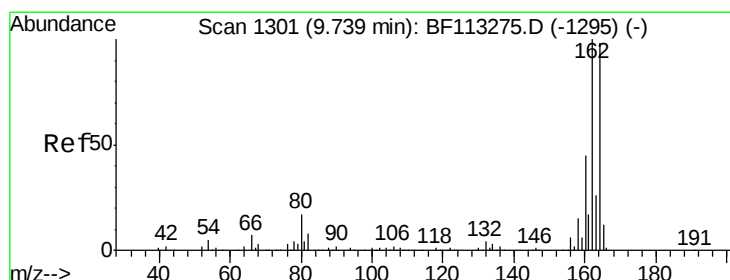
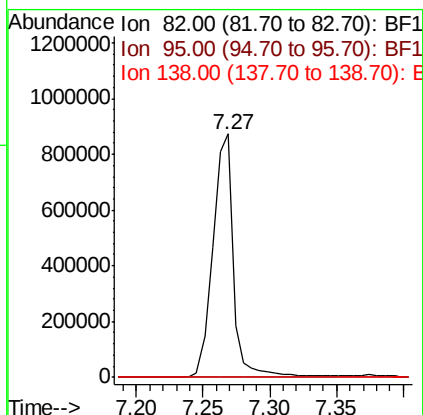
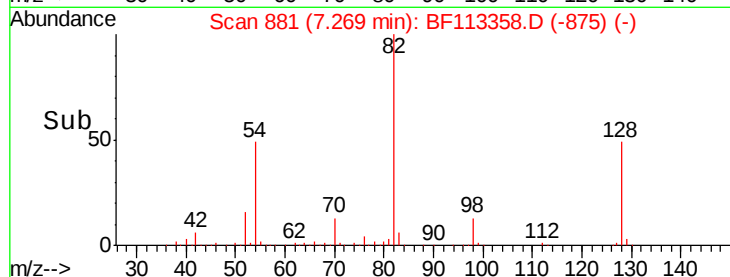
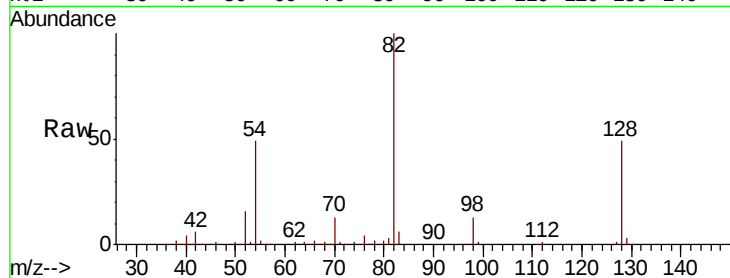
Tgt Ion: 82 Resp: 950478

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

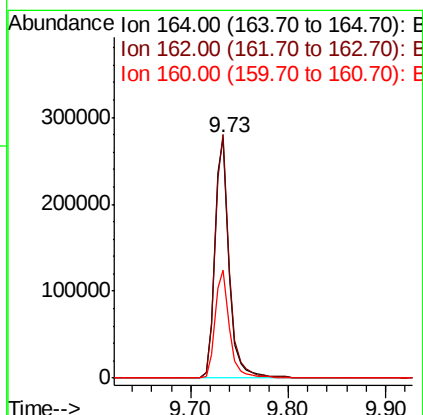
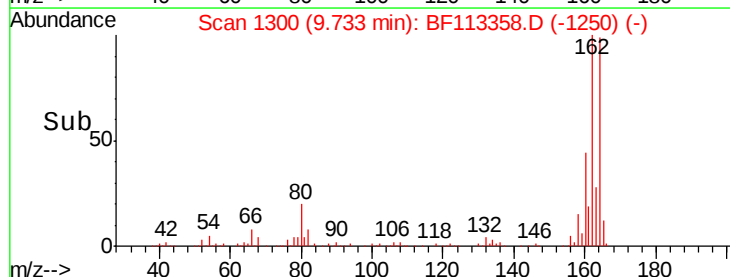
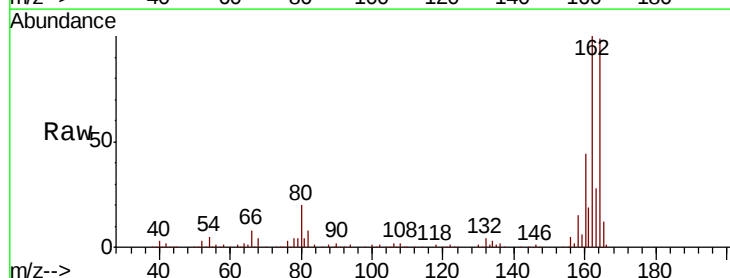
Tgt Ion: 164 Resp: 280206

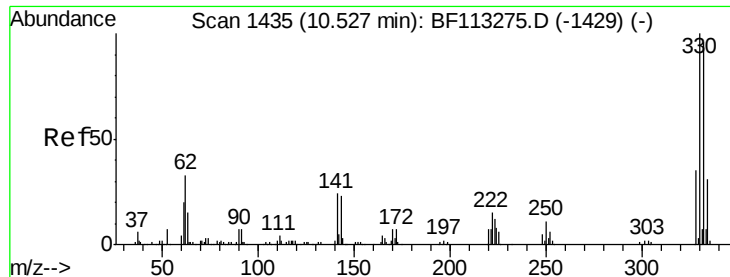
Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

160 44.7 36.4 54.6

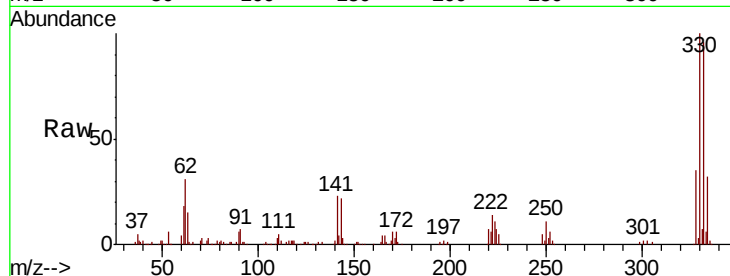




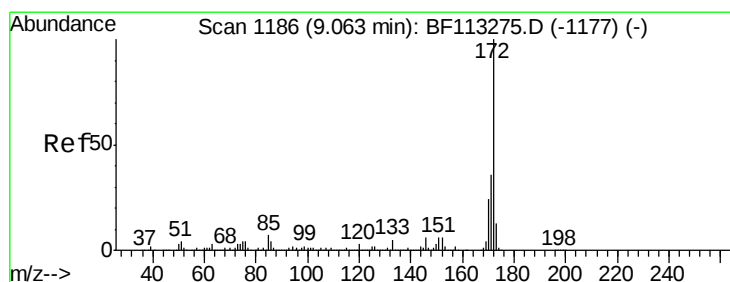
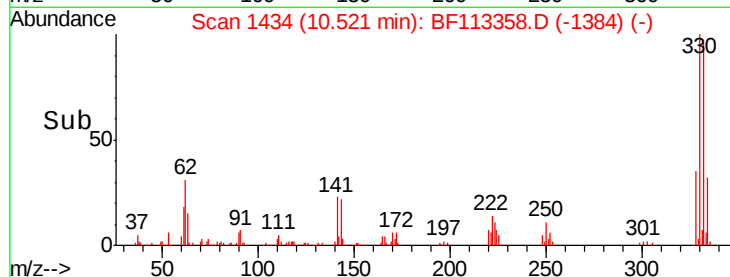
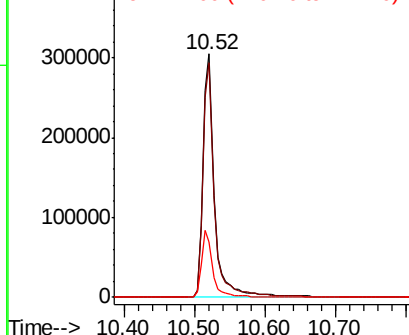
#42
 2,4,6-Tribromophenol
 Concen: 100.620 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113358.D
 Acq: 28 Mar 2019 5:29

Instrument :
 BNA_F
 ClientSampleId :
 CS-20

Tgt Ion:330 Resp: 348264
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.8 116.6
 141 27.6 22.7 34.1

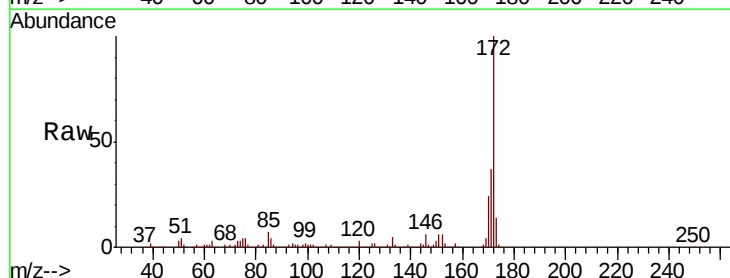


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

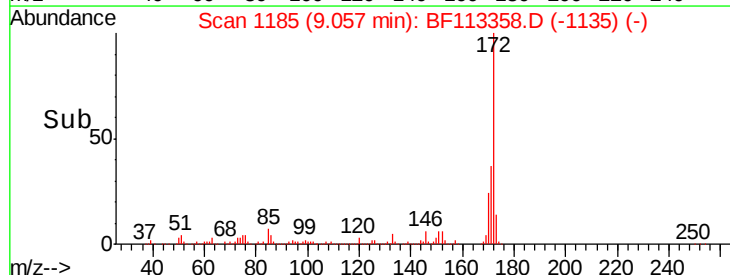
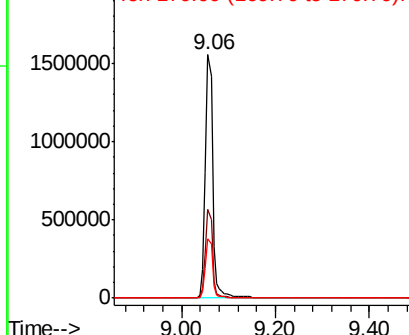


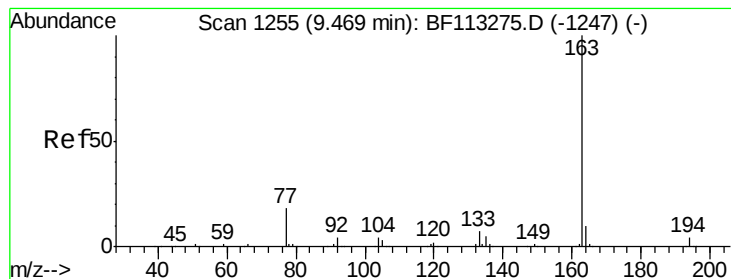
#45
 2-Fluorobiphenyl
 Concen: 95.086 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113358.D
 Acq: 28 Mar 2019 5:29

Tgt Ion:172 Resp: 1662501
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.4 19.5 29.3



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





#50

Dimethylphthalate

Concen: 3.280 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.26 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

Instrument :

BNA_F

ClientSampleId :

CS-20

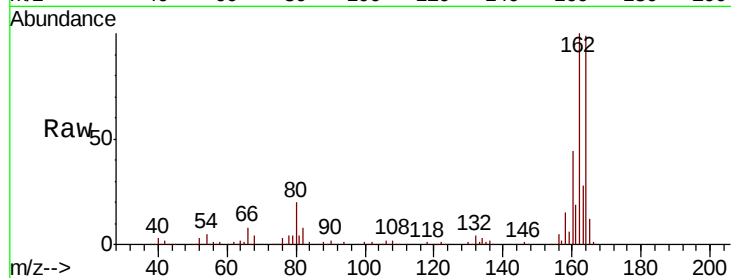
Tgt Ion:163 Resp: 68118

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

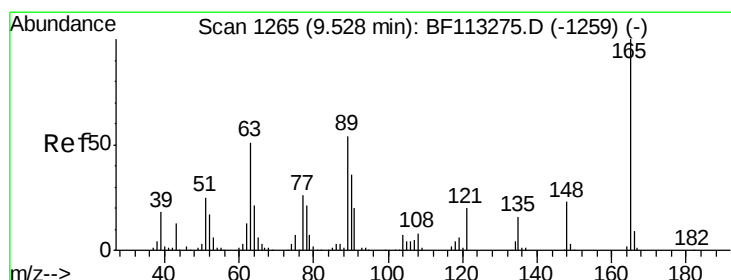
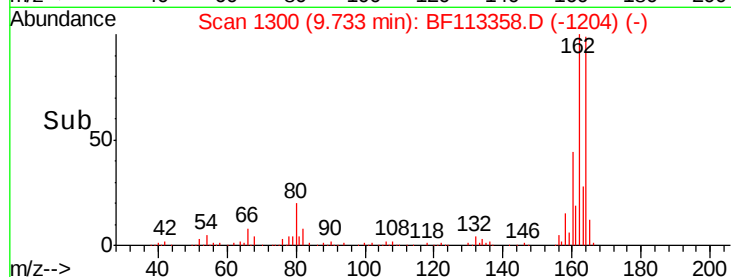
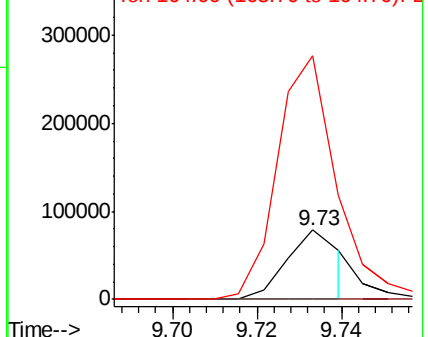
164 353.3 8.1 12.1#



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



#51

2,6-Dinitrotoluene

Concen: 7.284 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

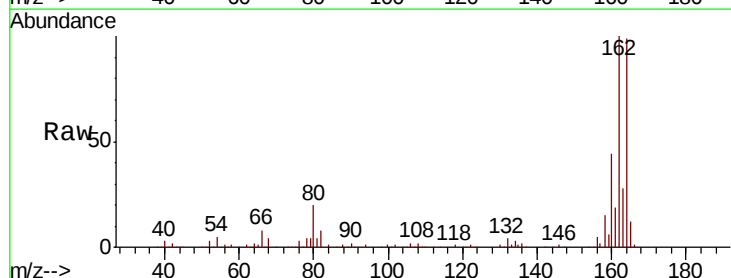
Tgt Ion:165 Resp: 34122

Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

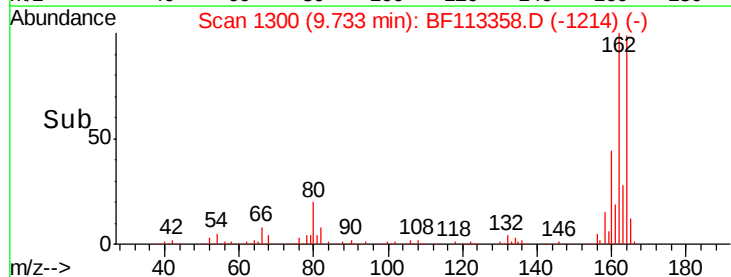
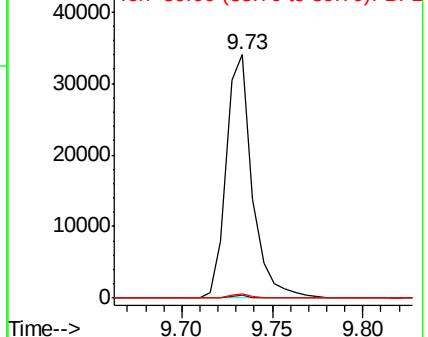
89 1.7 43.1 64.7#

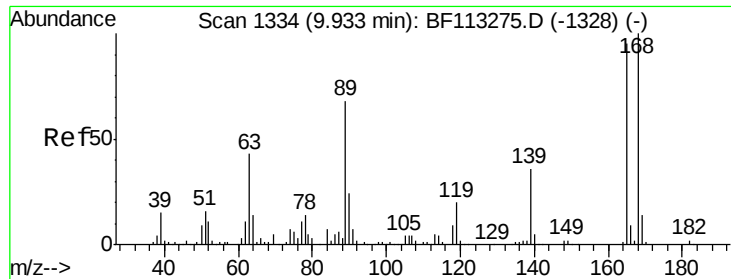


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

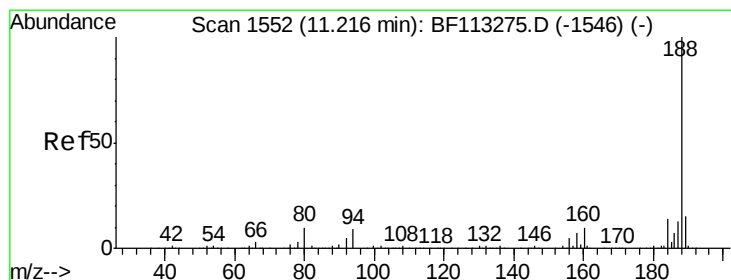
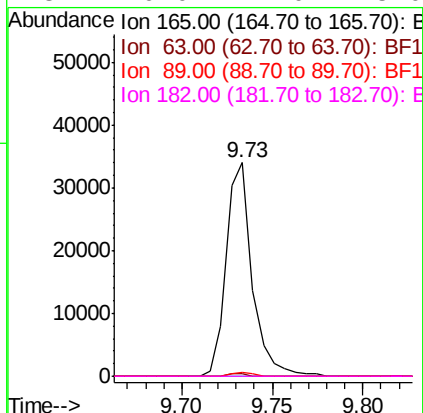
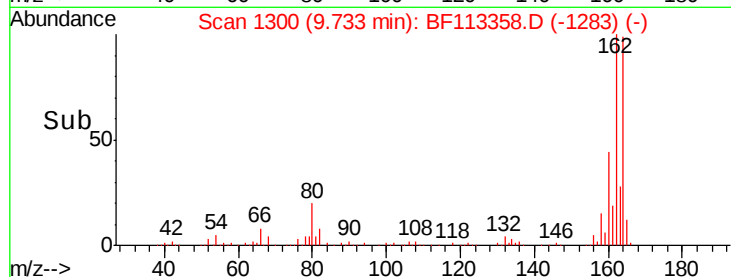
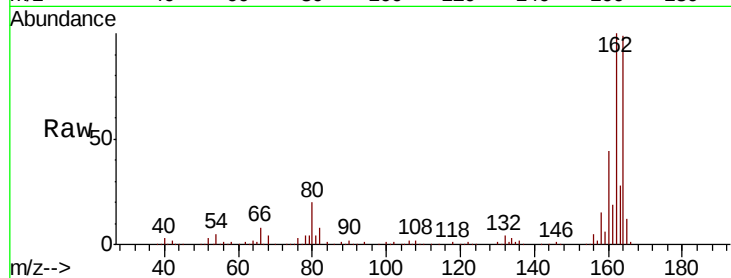




#57
 2,4-Dinitrotoluene
 Concen: 5.728 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113358.D
 Acq: 28 Mar 2019 5:29

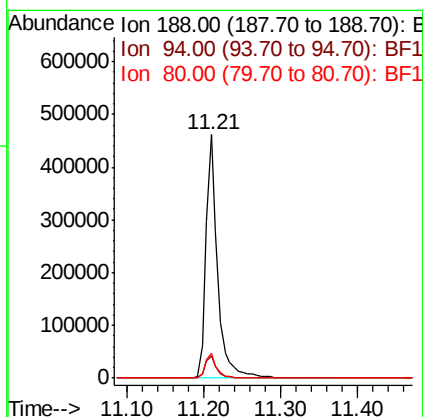
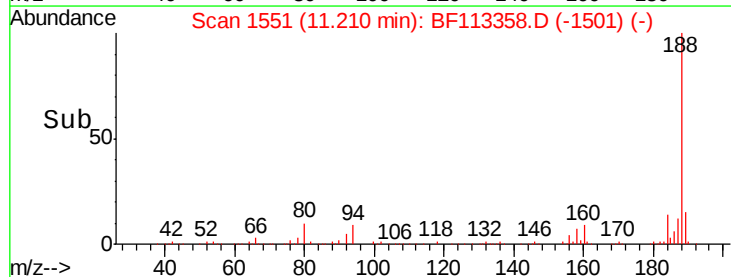
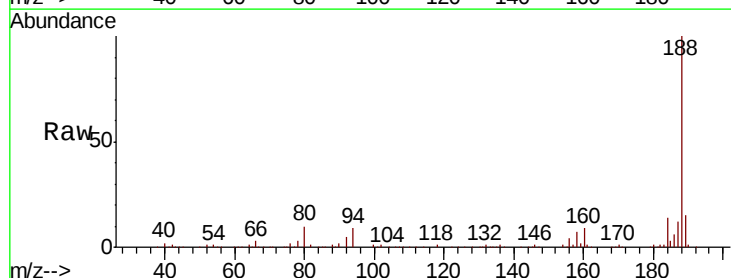
Instrument :
 BNA_F
 ClientSampleId :
 CS-20

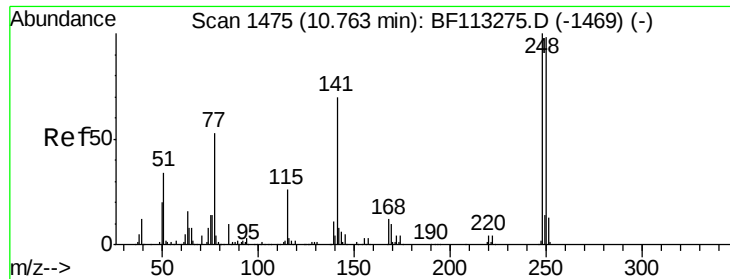
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.7	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113358.D
 Acq: 28 Mar 2019 5:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	10.2	7.7	11.5

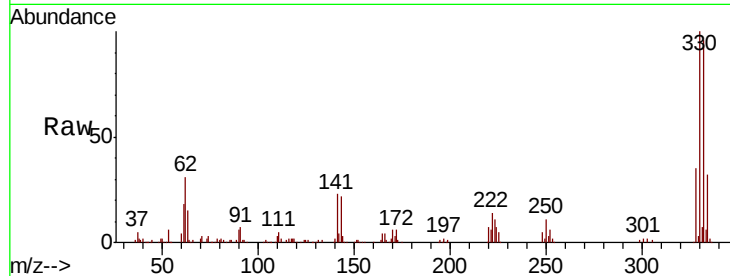




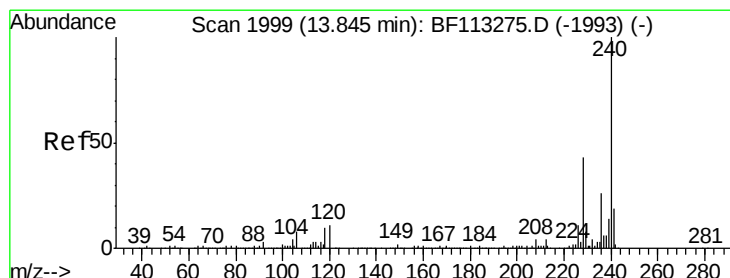
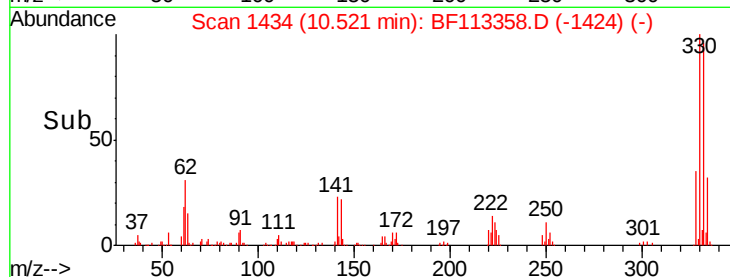
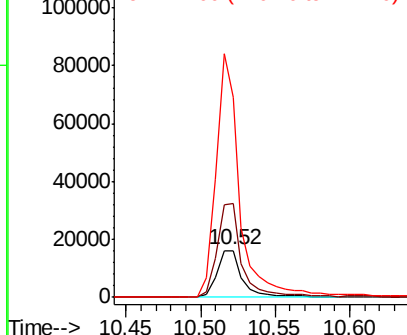
#67
4-Bromophenyl-phenylether
Concen: 3.679 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113358.D
Acq: 28 Mar 2019 5:29

Instrument :
BNA_F
ClientSampleId :
CS-20

Tgt Ion:248 Resp: 19304
Ion Ratio Lower Upper
248 100
250 201.2 78.3 117.5#
141 430.4 56.2 84.4#

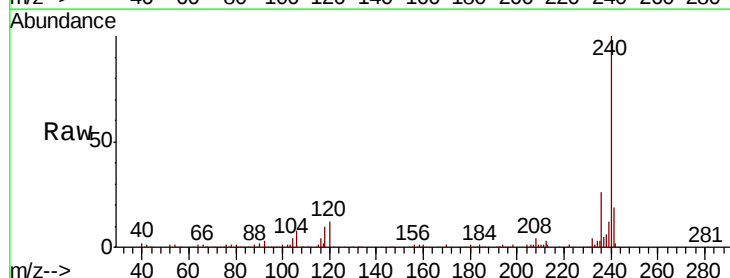


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

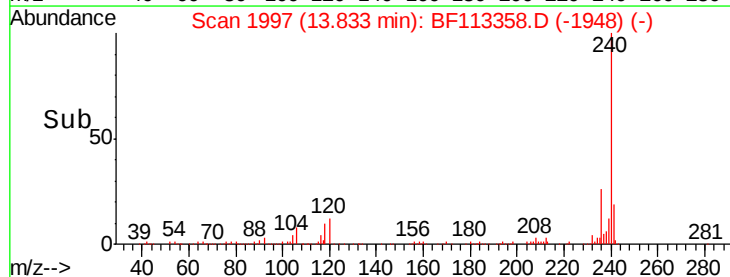
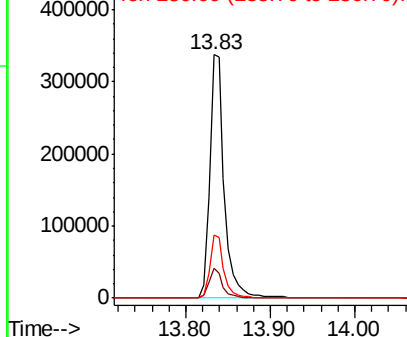


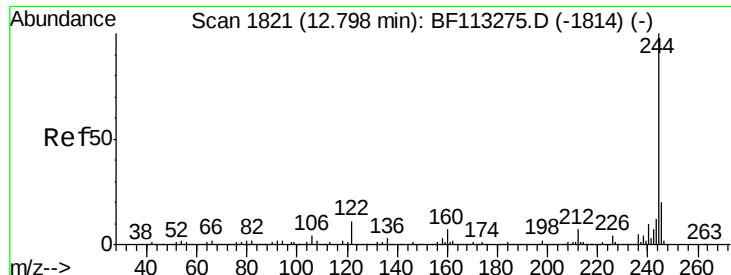
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113358.D
Acq: 28 Mar 2019 5:29

Tgt Ion:240 Resp: 409443
Ion Ratio Lower Upper
240 100
120 12.2 8.8 13.2
236 25.8 20.9 31.3



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: 83.081 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

Instrument :

BNA_F

ClientSampleId :

CS-20

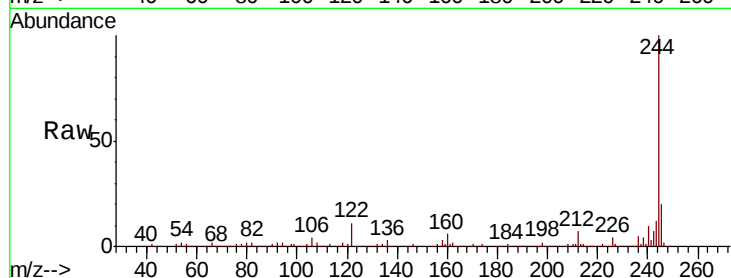
Tgt Ion:244 Resp: 1543296

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

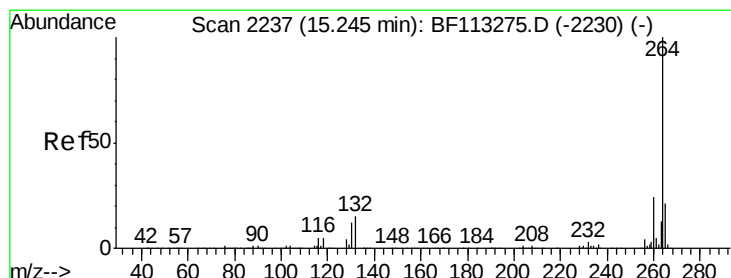
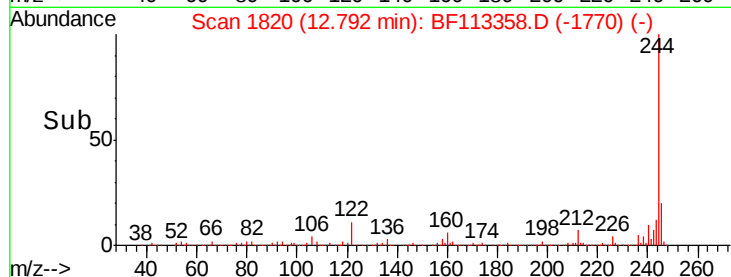
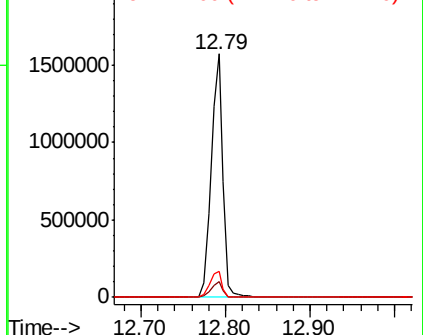
122 10.9 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

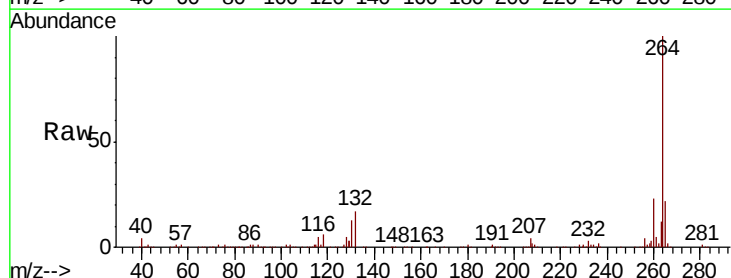
Tgt Ion:264 Resp: 314015

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 22.1 17.1 25.7



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

