

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113353.D
 Acq On : 28 Mar 2019 3:06
 Operator : JU/SJ
 Sample : K2086-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-13

Quant Time: Mar 28 04:33:09 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

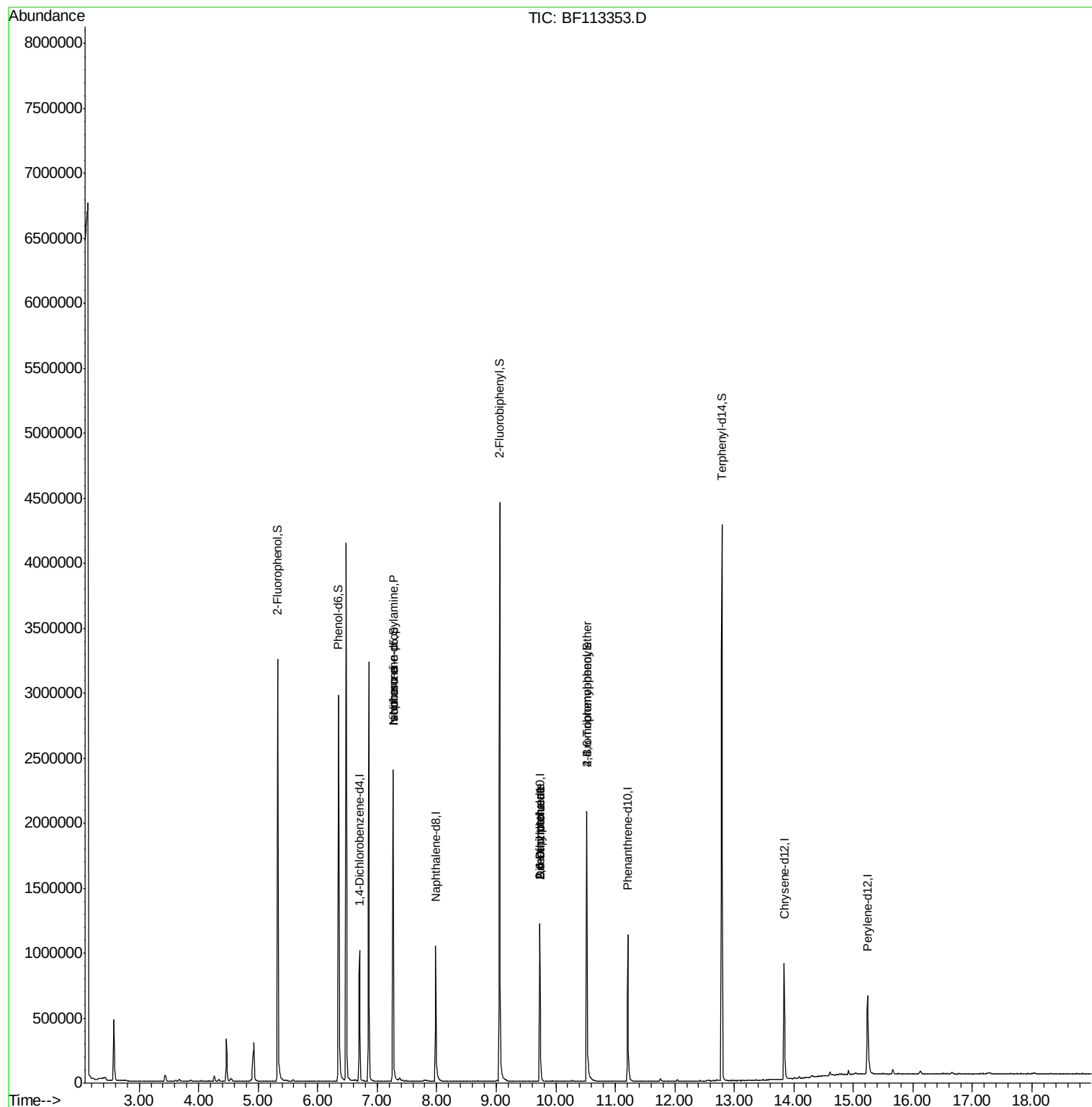
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	158118	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	582630	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	262752	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	471273	20.00	ng	0.00
76) Chrysene-d12	13.84	240	400512	20.00	ng	0.00
87) Perylene-d12	15.24	264	326553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1086951	112.40	ng	0.01
7) Phenol-d6	6.35	99	1257281	102.78	ng	0.00
23) Nitrobenzene-d5	7.27	82	919116	93.63	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	376383	115.97	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1619116	99.62	ng	0.00
79) Terphenyl-d14	12.79	244	1544993	85.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	119428	15.542	ng	# 74
25) Isophorone	7.27	82	919103	48.314	ng	# 64
50) Dimethylphthalate	9.73	163	64234	3.299	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	33068	7.528	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	33068	5.919	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	20847	4.059	ng	# 1

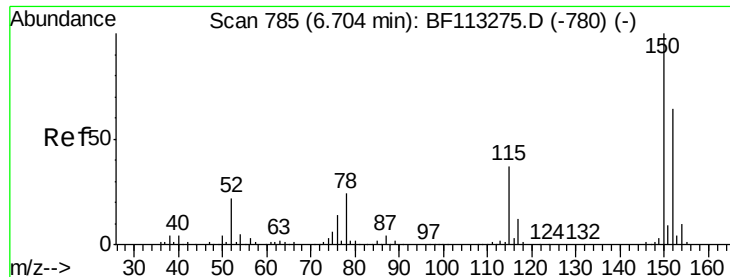
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
Data File : BF113353.D
Acq On : 28 Mar 2019 3:06
Operator : JU/SJ
Sample : K2086-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CS-13

Quant Time: Mar 28 04:33:09 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



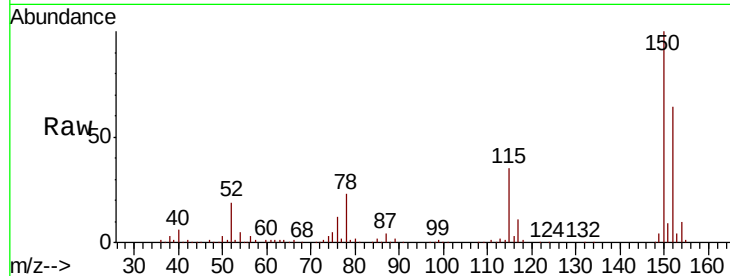


#1

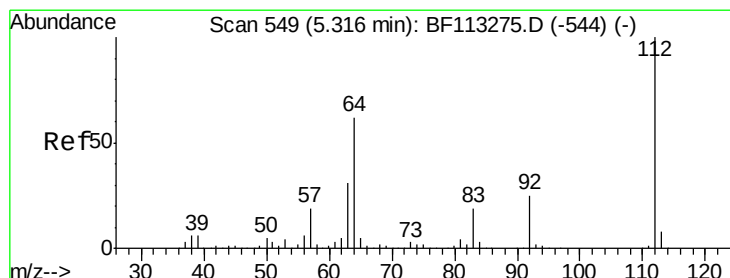
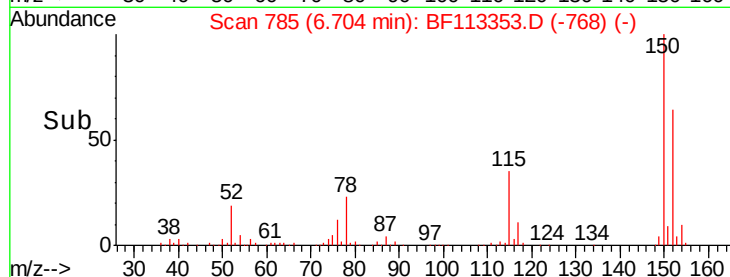
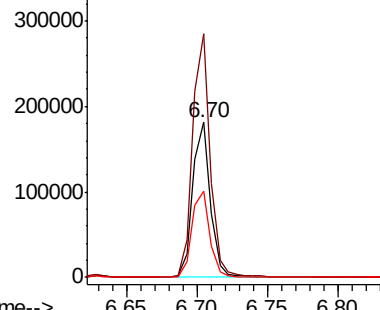
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113353.D
Acq: 28 Mar 2019 3:06

Instrument :
BNA_G
ClientSampleId :
CS-13

Tgt Ion:152 Resp: 158118
Ion Ratio Lower Upper
152 100
150 156.9 124.7 187.1
115 55.4 46.0 69.0



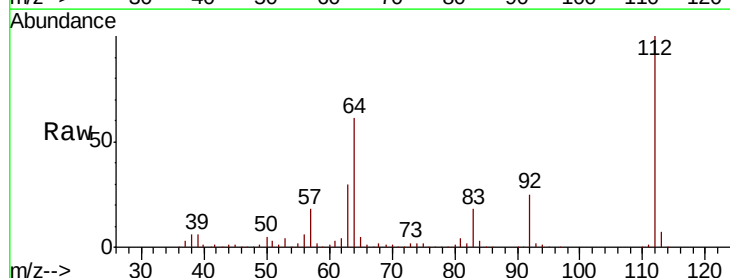
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



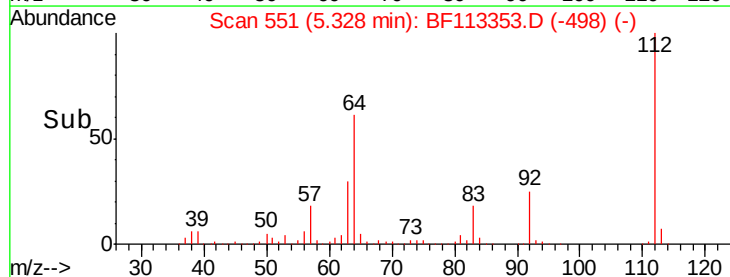
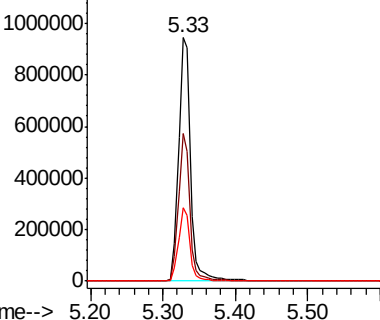
#5

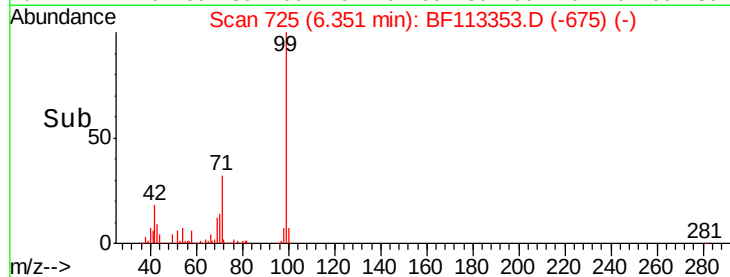
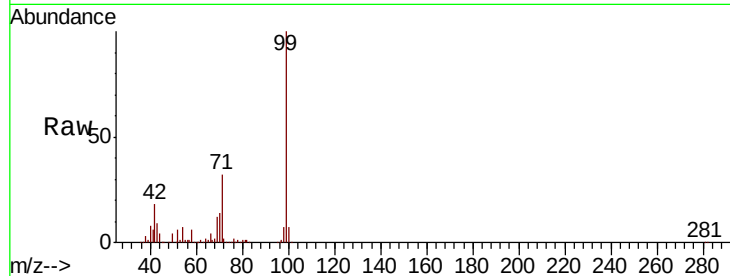
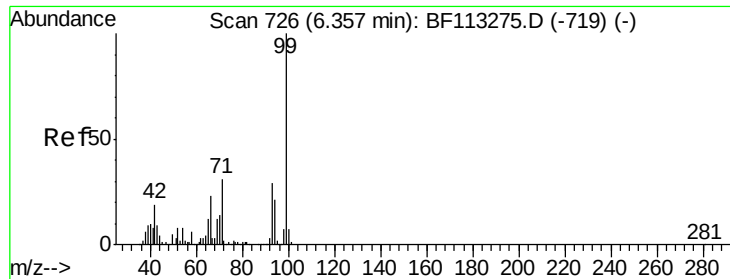
2-Fluorophenol
Concen: 112.403 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113353.D
Acq: 28 Mar 2019 3:06

Tgt Ion:112 Resp: 1086951
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 30.2 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: 102.776 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113353.D

Acq: 28 Mar 2019 3:06

Instrument :

BNA_G

ClientSampled :

CS-13

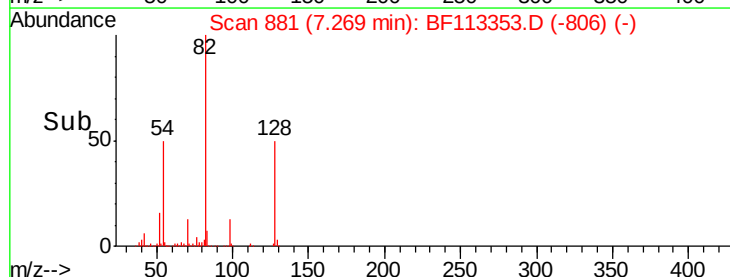
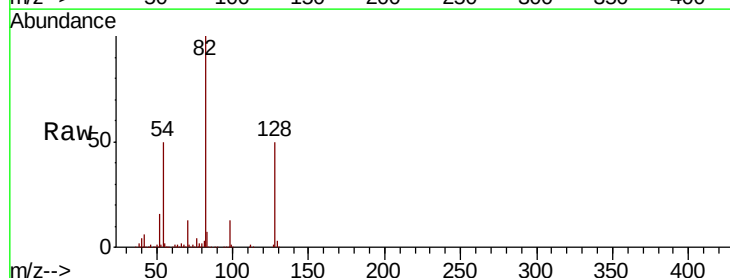
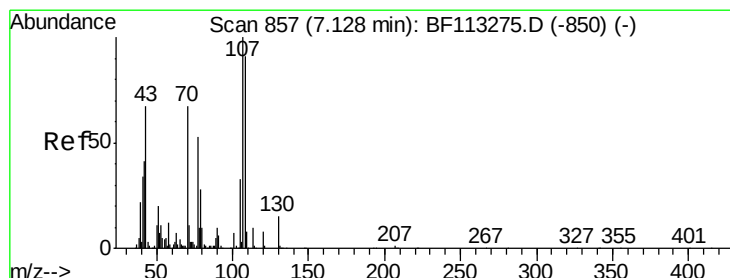
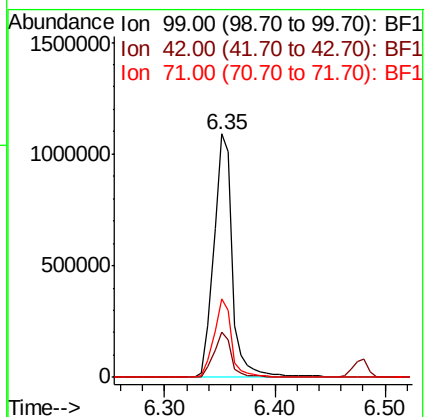
Tgt Ion: 99 Resp: 1257281

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

71 32.1 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.542 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113353.D

Acq: 28 Mar 2019 3:06

Tgt Ion: 70 Resp: 119428

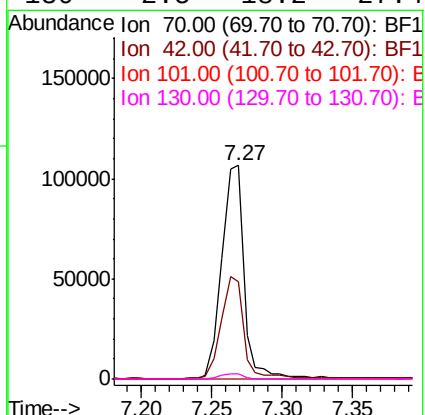
Ion Ratio Lower Upper

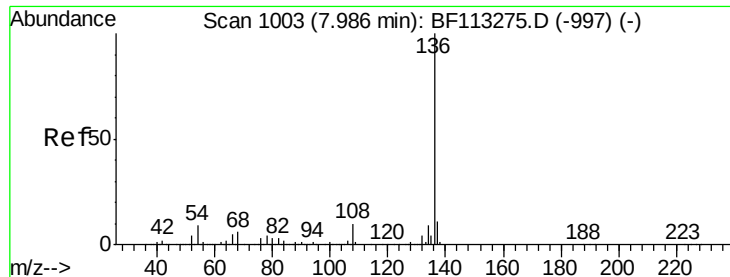
70 100

42 45.8 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

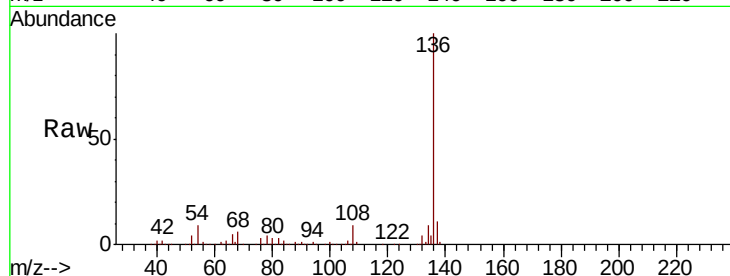




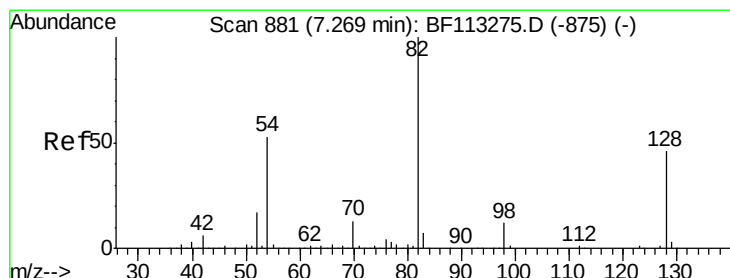
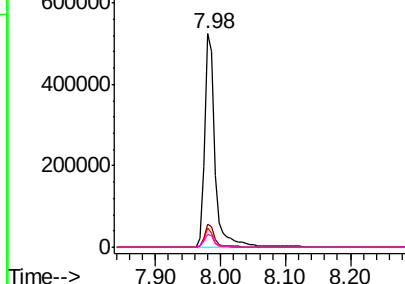
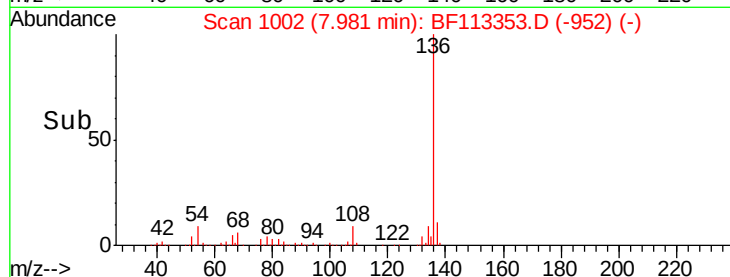
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113353.D
Acq: 28 Mar 2019 3:06

Instrument :
BNA_G
ClientSampleId :
CS-13

Tgt Ion:	136	Resp:	582630
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	7.0	10.6
68	6.3	4.8	7.2

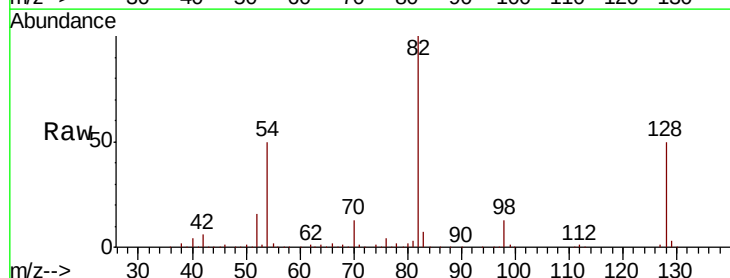


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

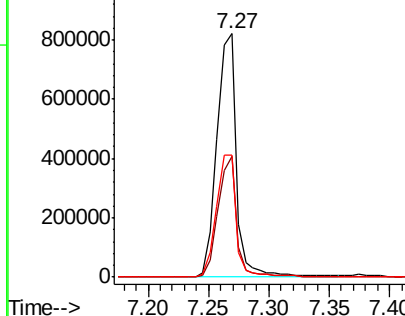
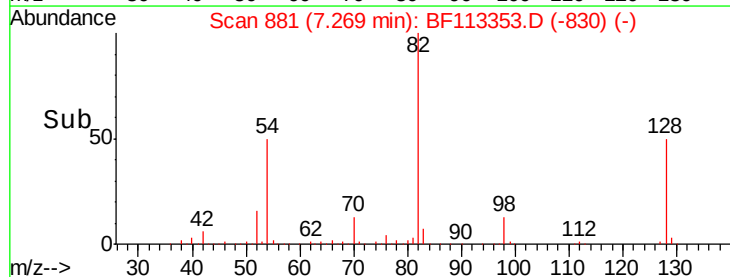


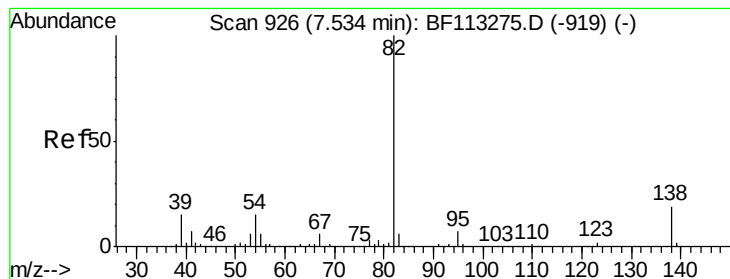
#23
Nitrobenzene-d5
Concen: 93.633 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113353.D
Acq: 28 Mar 2019 3:06

Tgt Ion:	82	Resp:	919116
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.5	54.7
54	50.0	42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.314 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113353.D

Acq: 28 Mar 2019 3:06

Instrument :

BNA_G

ClientSampled :

CS-13

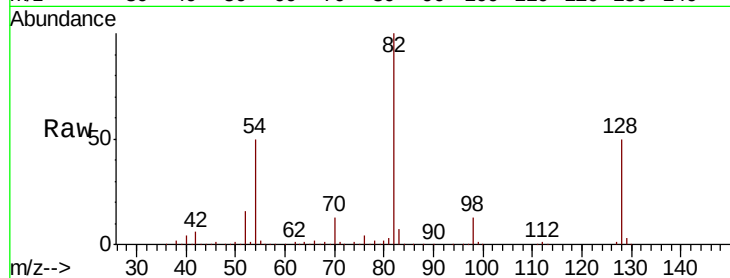
Tgt Ion: 82 Resp: 919103

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

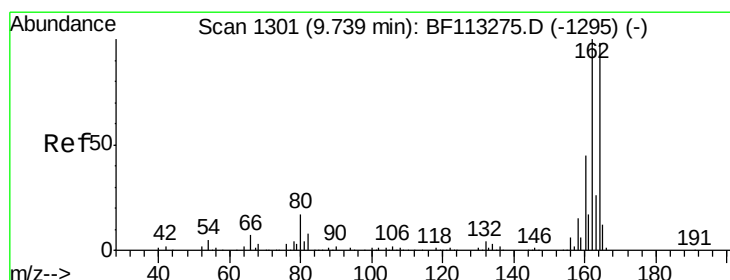
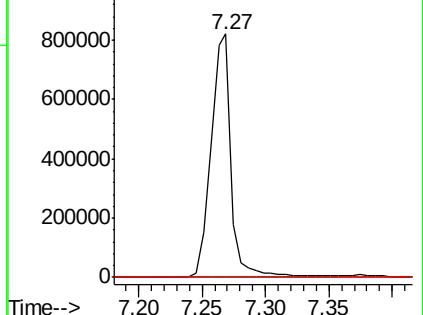
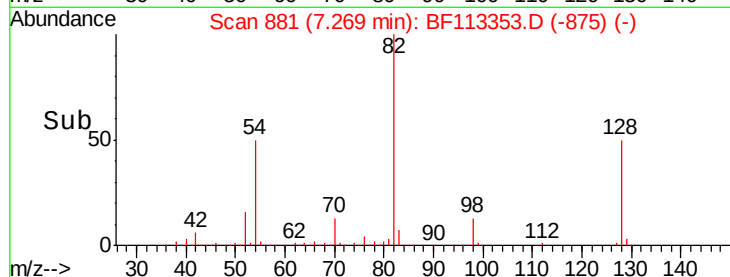
138 0.0 15.2 22.8#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113353.D

Acq: 28 Mar 2019 3:06

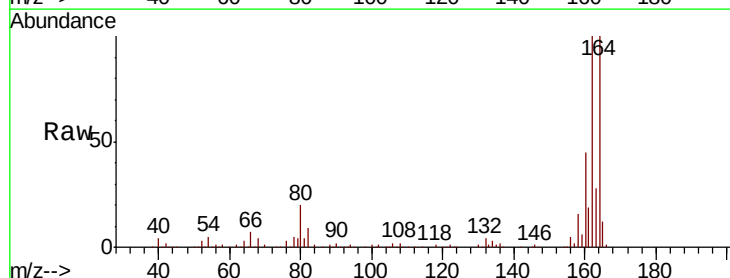
Tgt Ion: 164 Resp: 262752

Ion Ratio Lower Upper

164 100

162 99.8 81.8 122.6

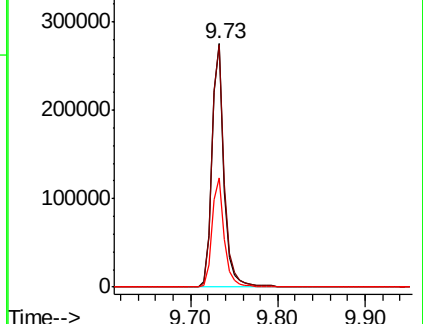
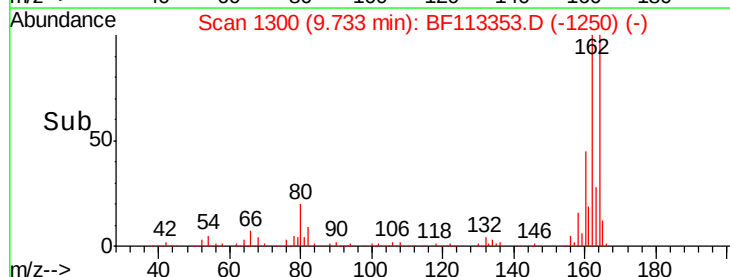
160 45.1 36.4 54.6

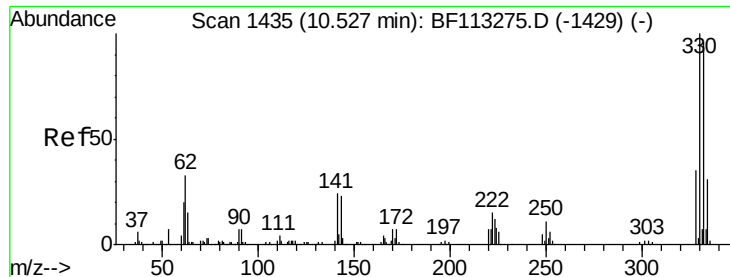


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

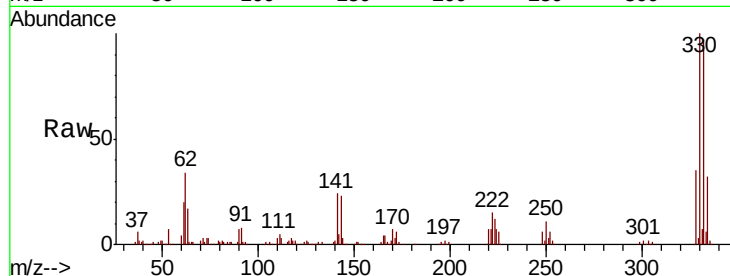




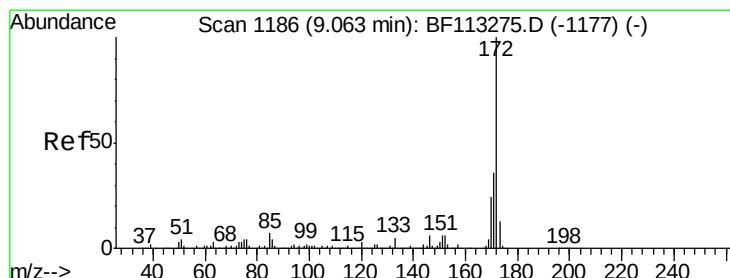
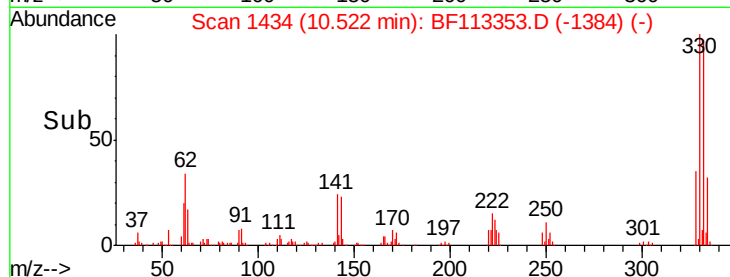
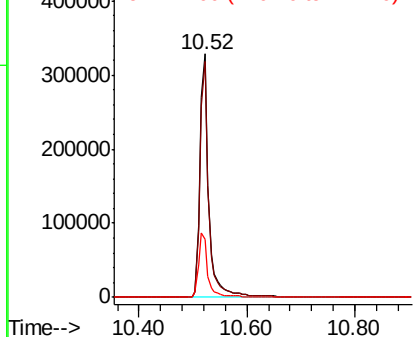
#42
 2,4,6-Tribromophenol
 Concen: 115.968 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

Instrument :
 BNA_G
 ClientSampleId :
 CS-13

Tgt Ion:330 Resp: 376383
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.8 116.6
 141 27.8 22.7 34.1

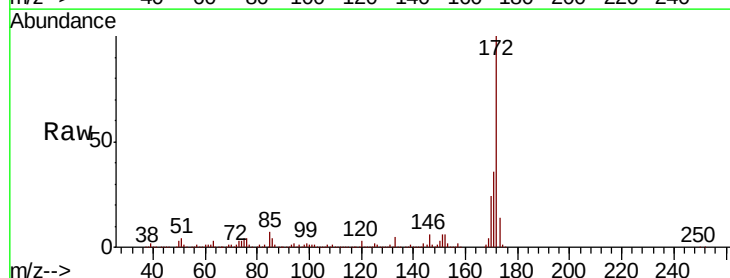


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

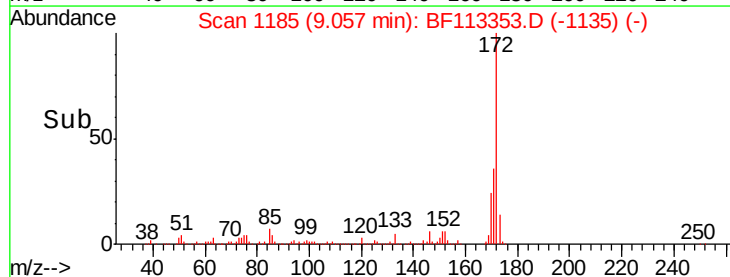
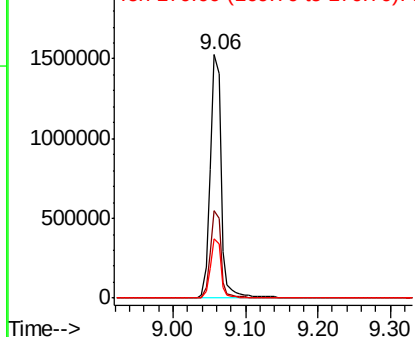


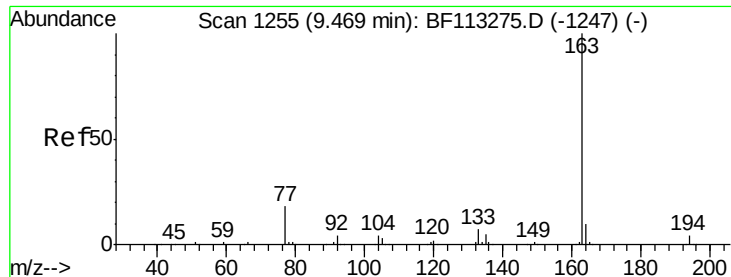
#45
 2-Fluorobiphenyl
 Concen: 99.616 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

Tgt Ion:172 Resp: 1619116
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.5 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

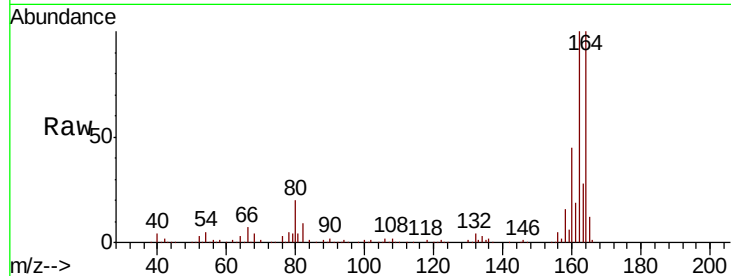




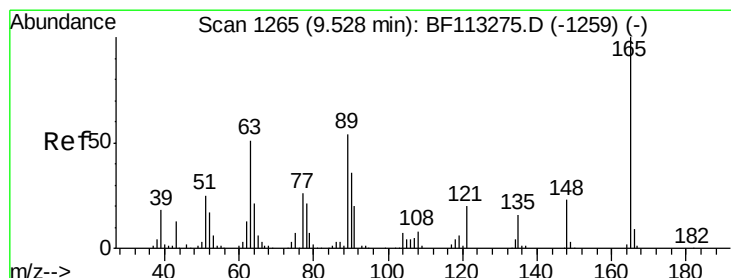
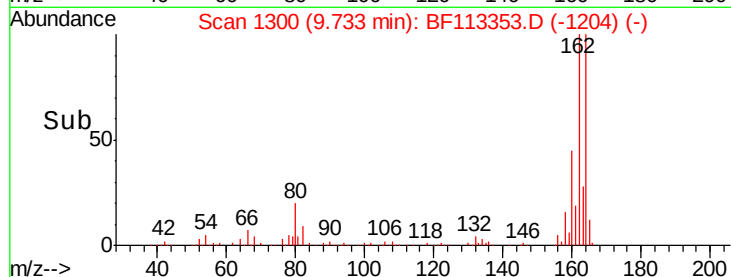
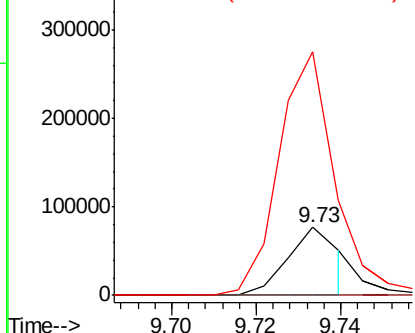
#50
Dimethylphthalate
Concen: 3.299 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.26 min
Lab File: BF113353.D
Acq: 28 Mar 2019 3:06

Instrument :
BNA_G
ClientSampleId :
CS-13

Tgt Ion:163 Resp: 64234
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 357.3 8.1 12.1#

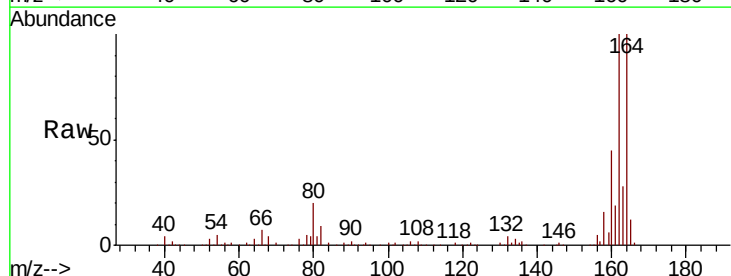


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

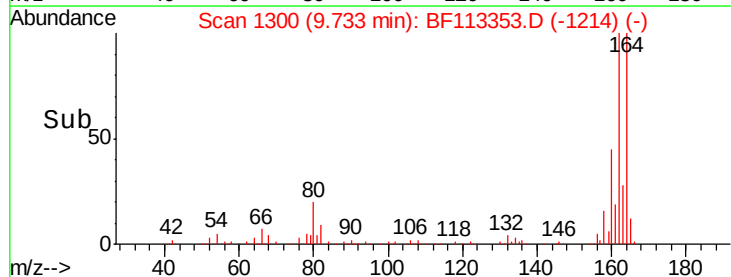
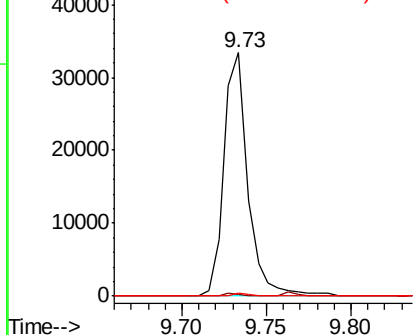


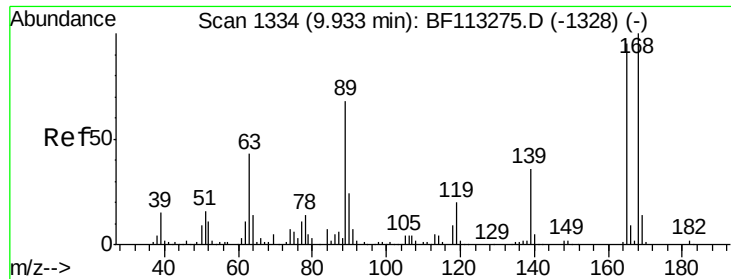
#51
2,6-Dinitrotoluene
Concen: 7.528 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113353.D
Acq: 28 Mar 2019 3:06

Tgt Ion:165 Resp: 33068
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.0#
89 1.5 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

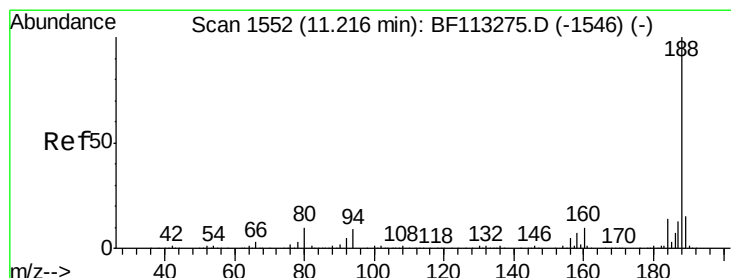
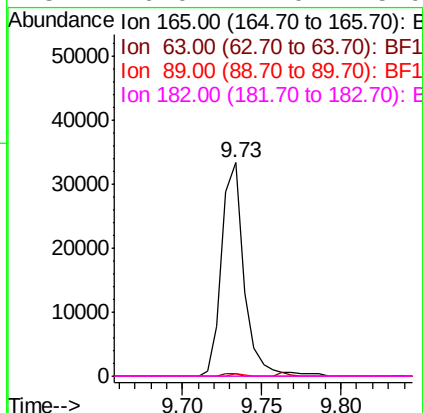
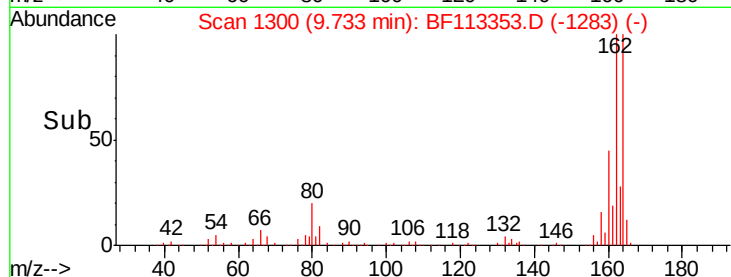
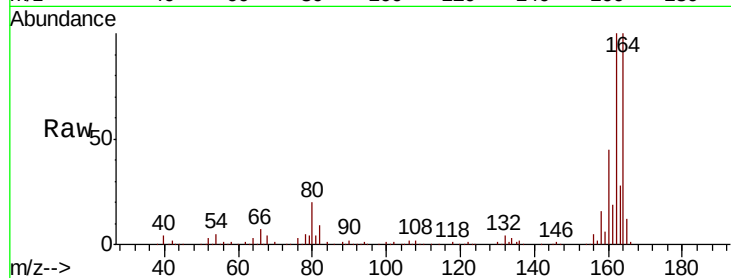




#57
 2,4-Dinitrotoluene
 Concen: 5.919 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

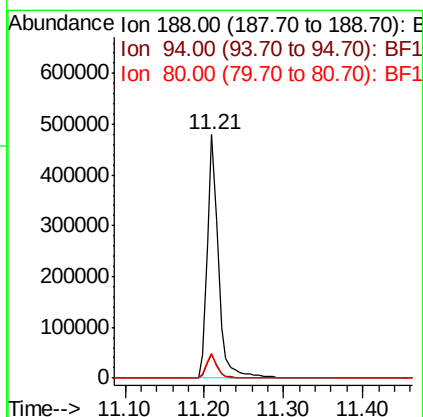
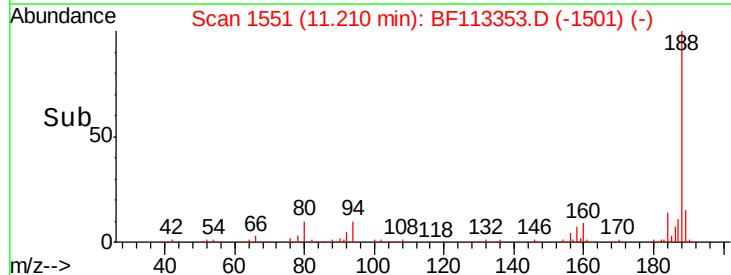
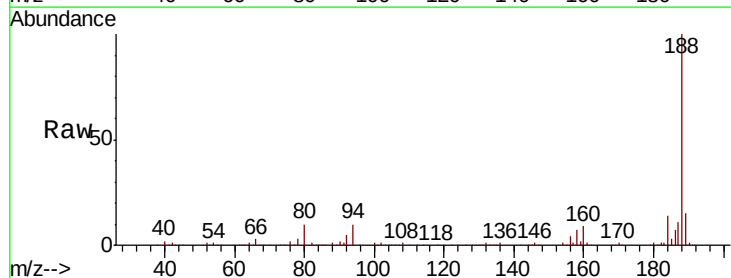
Instrument :
 BNA_G
 ClientSampleId :
 CS-13

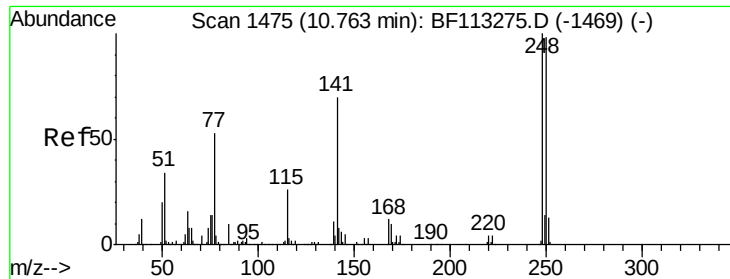
Tgt Ion:165 Resp: 33068
 Ion Ratio Lower Upper
 165 100
 63 1.0 37.5 56.3#
 89 1.5 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

Tgt Ion:188 Resp: 471273
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.0 10.6
 80 10.0 7.7 11.5

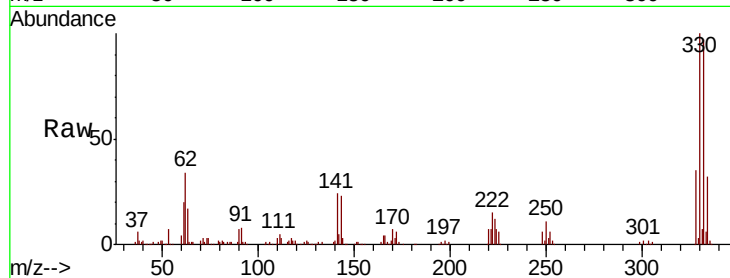




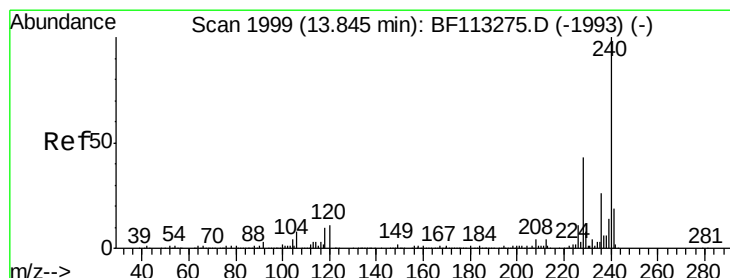
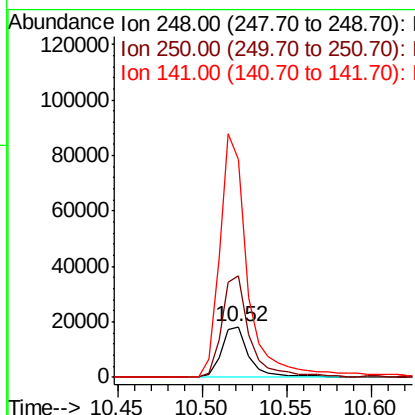
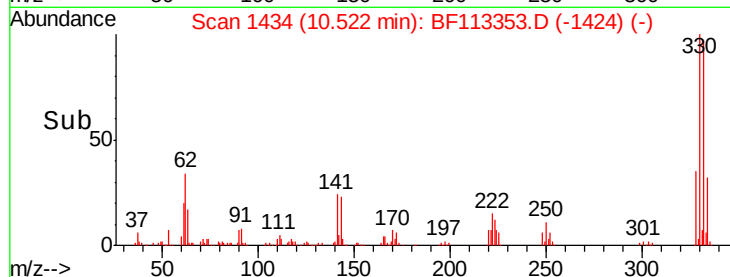
#67
 4-Bromophenyl-phenylether
 Concen: 4.059 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

Instrument :
 BNA_G
 ClientSampleId :
 CS-13

Tgt Ion: 248 Resp: 20847
 Ion Ratio Lower Upper
 248 100
 250 202.0 78.3 117.5#
 141 433.2 56.2 84.4#

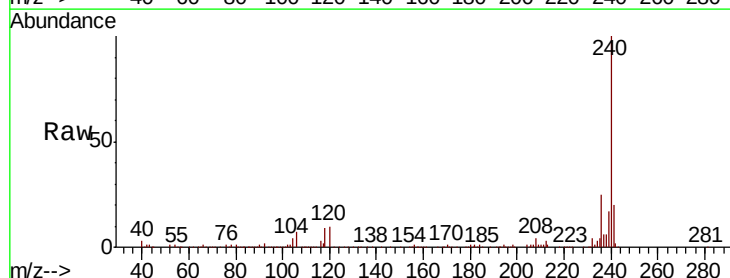


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

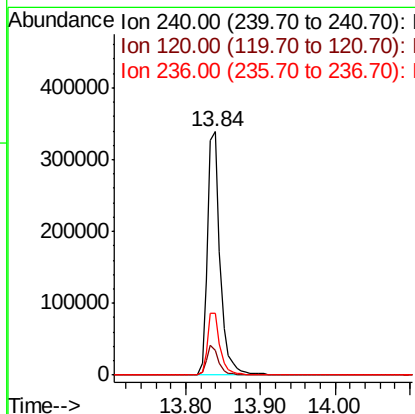
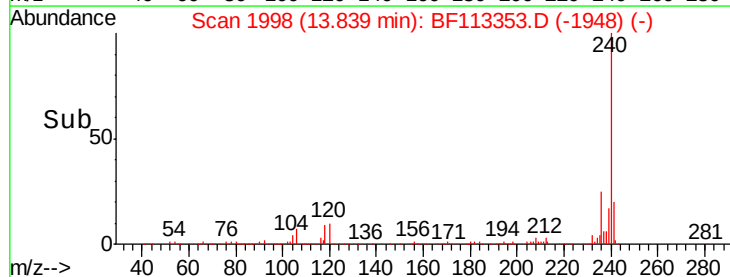


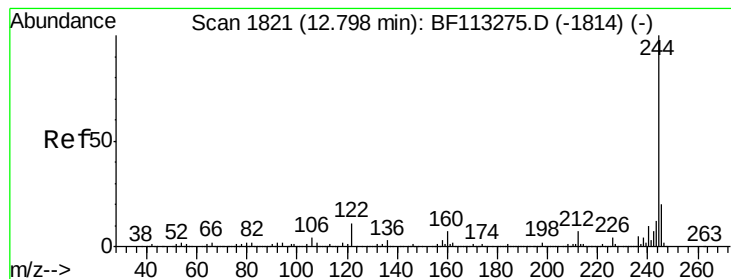
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

Tgt Ion: 240 Resp: 400512
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.8 13.2
 236 25.5 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: 85.027 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113353.D

Acq: 28 Mar 2019 3:06

Instrument :

BNA_G

ClientSampleId :

CS-13

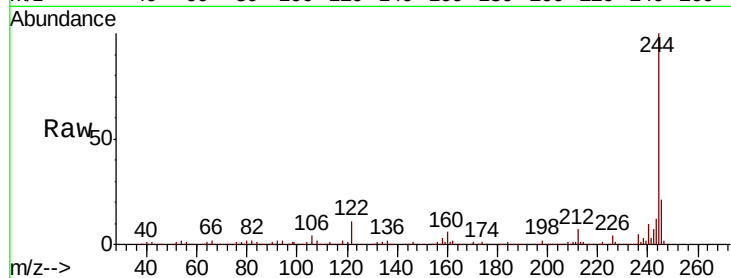
Tgt Ion:244 Resp: 1544993

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

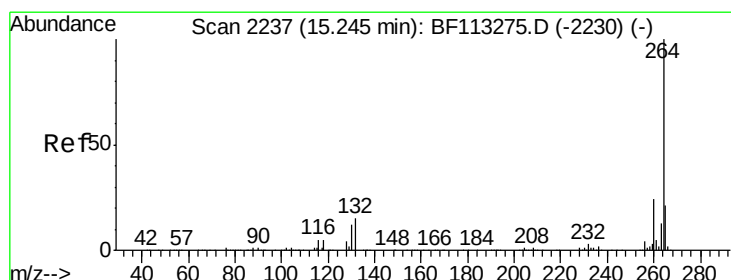
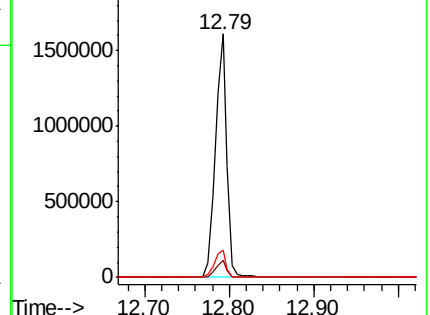
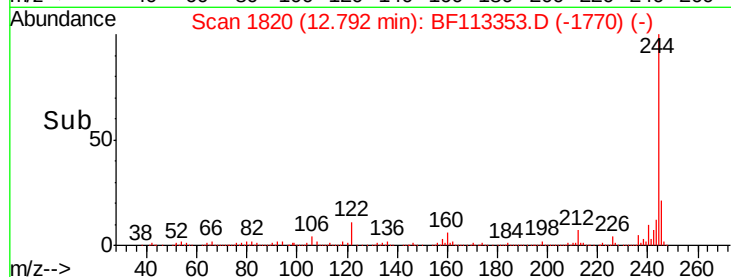
122 11.0 8.6 13.0



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: BF113353.D

Acq: 28 Mar 2019 3:06

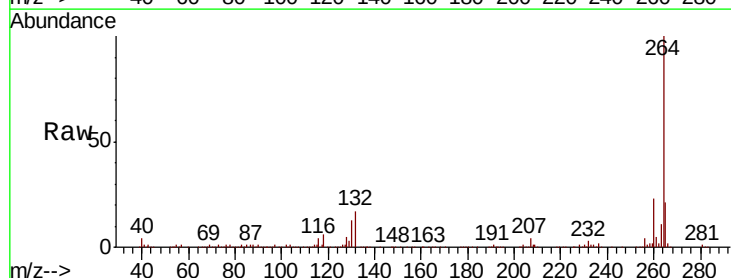
Tgt Ion:264 Resp: 326553

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 20.8 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

