

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113349.D
 Acq On : 28 Mar 2019 1:04
 Operator : JU/SJ
 Sample : K2086-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-11

Quant Time: Mar 28 04:31:43 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

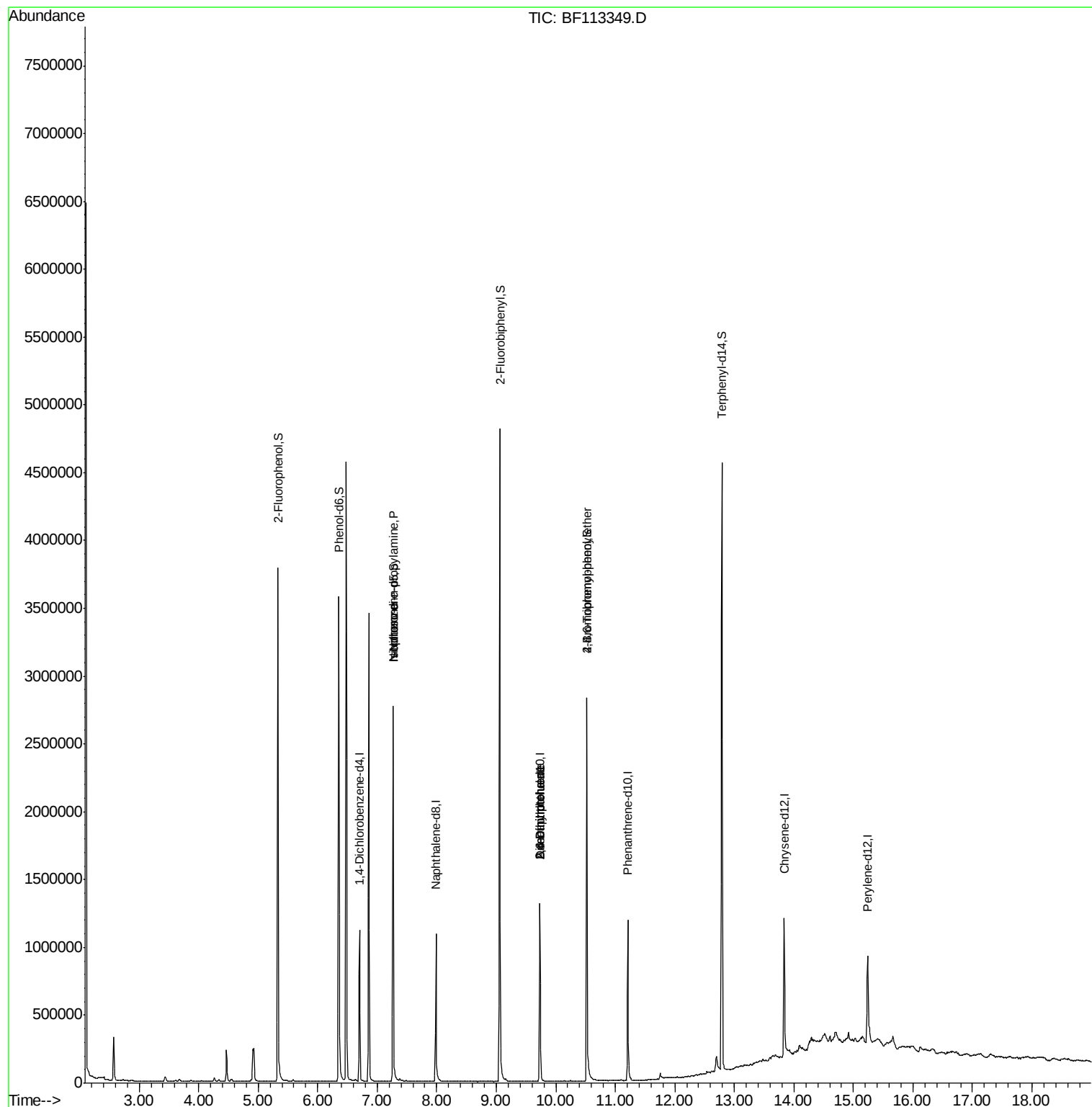
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169679	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	623991	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	282551	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	500226	20.00	ng	0.00
76) Chrysene-d12	13.84	240	410307	20.00	ng	0.00
87) Perylene-d12	15.24	264	350651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1211417	116.74	ng	0.02
7) Phenol-d6	6.36	99	1424144	108.48	ng	0.00
23) Nitrobenzene-d5	7.27	82	1015011	96.55	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	445293	127.59	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1737790	99.38	ng	0.00
79) Terphenyl-d14	12.79	244	1661943	89.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	133979	16.248	ng	# 75
25) Isophorone	7.27	82	983076	48.252	ng	# 64
50) Dimethylphthalate	9.73	163	67987	3.247	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	35237	7.459	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	35237	5.866	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	25812	4.734	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
Data File : BF113349.D
Acq On : 28 Mar 2019 1:04
Operator : JU/SJ
Sample : K2086-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CS-11

Quant Time: Mar 28 04:31:43 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



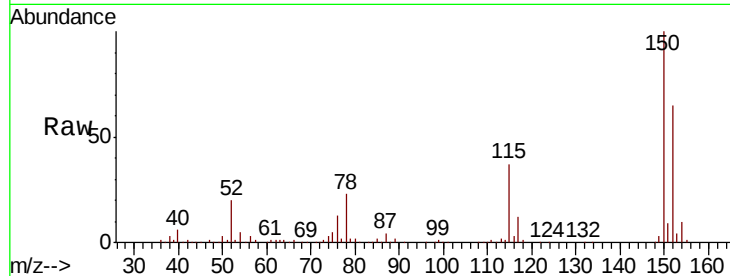


#1

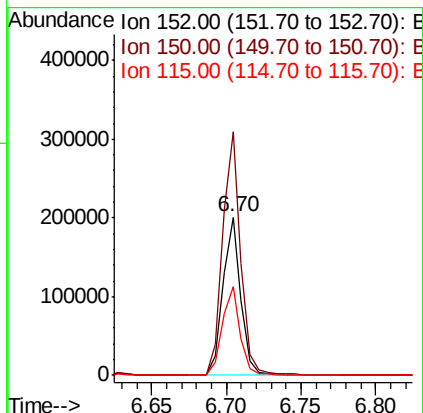
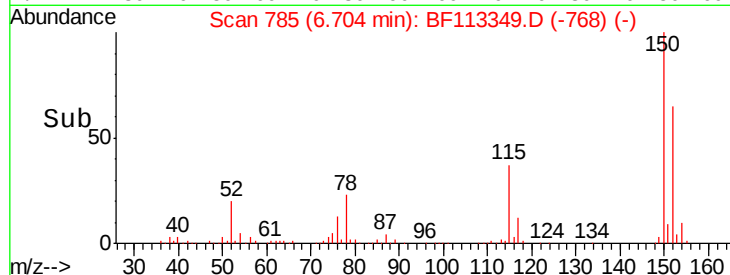
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113349.D
Acq: 28 Mar 2019 1:04

Instrument :
BNA_G
ClientSampleId :
CS-11

Tgt Ion:152 Resp: 169679
Ion Ratio Lower Upper
152 100
150 154.1 124.7 187.1
115 56.5 46.0 69.0



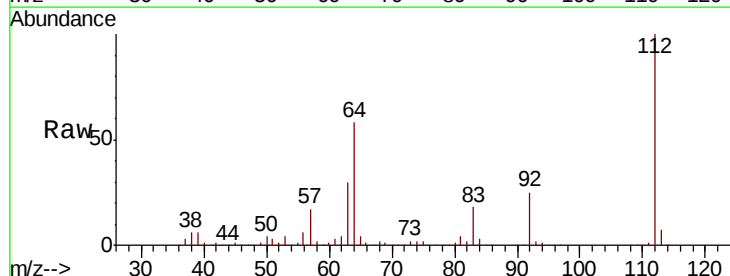
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



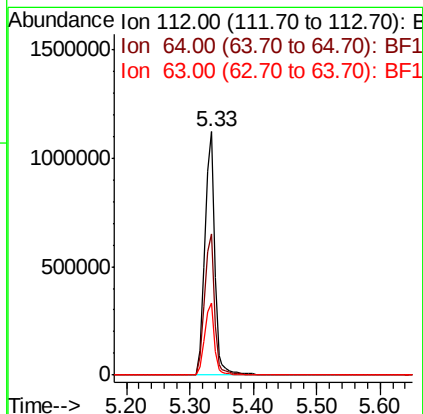
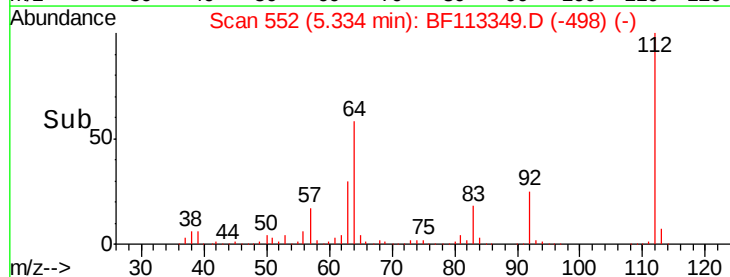
#5

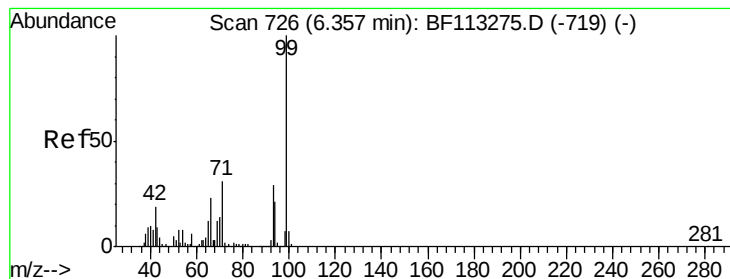
2-Fluorophenol
Concen: 116.739 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113349.D
Acq: 28 Mar 2019 1:04

Tgt Ion:112 Resp: 1211417
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 29.6 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: 108.484 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113349.D

Acq: 28 Mar 2019 1:04

Instrument :

BNA_G

ClientSampleId :

CS-11

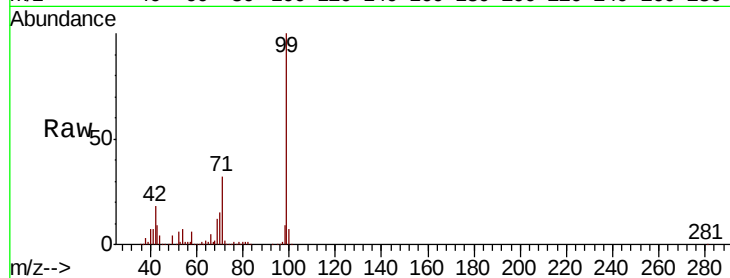
Tgt Ion: 99 Resp: 1424144

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

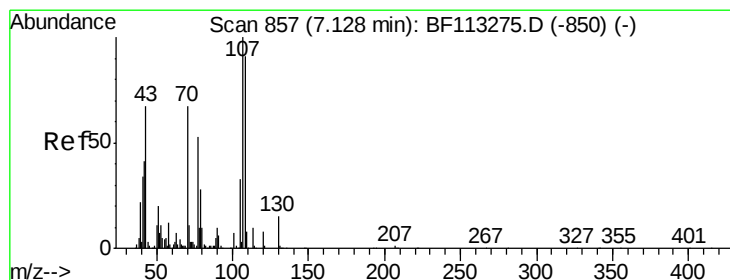
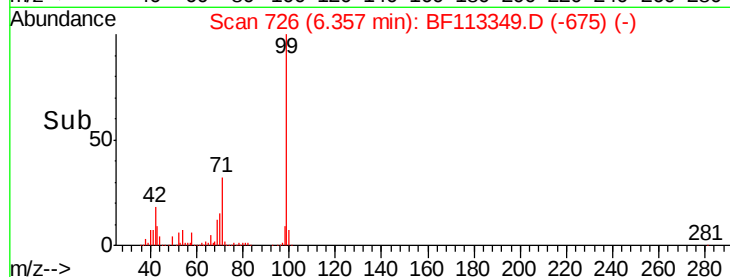
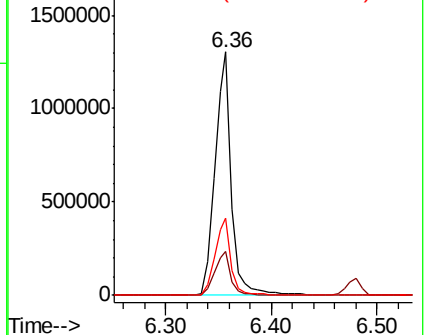
71 31.6 24.9 37.3



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: 16.248 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113349.D

Acq: 28 Mar 2019 1:04

Tgt Ion: 70 Resp: 133979

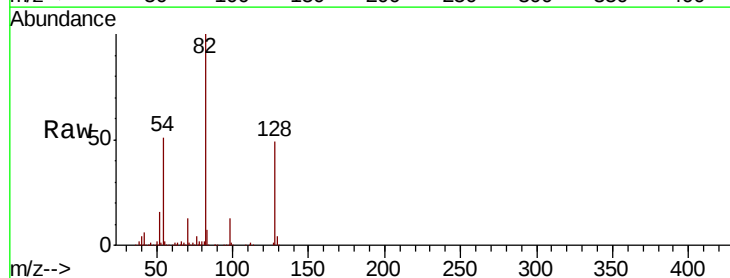
Ion Ratio Lower Upper

70 100

42 46.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.6 18.2 27.4#

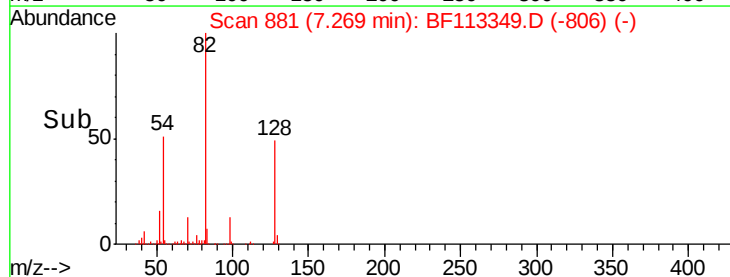
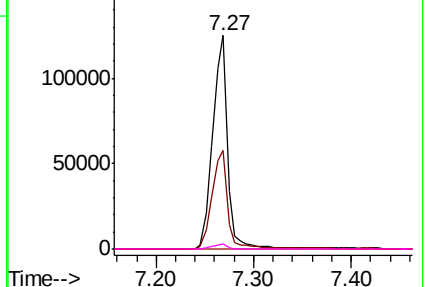


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

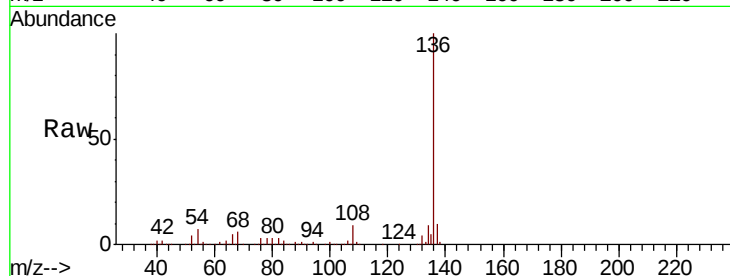




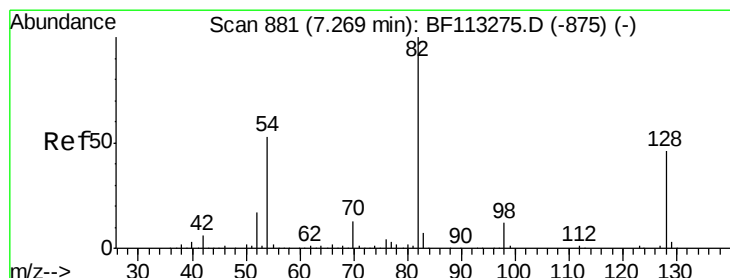
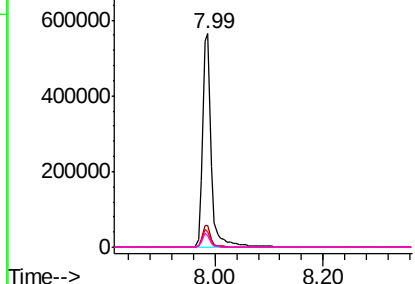
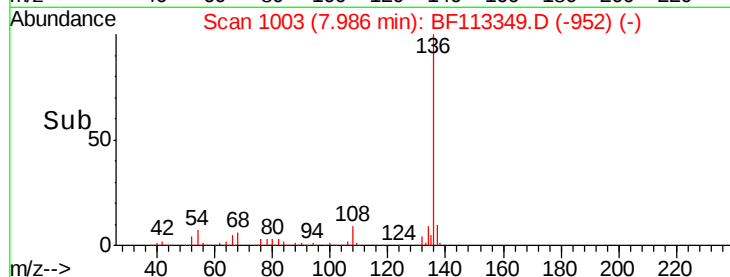
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113349.D
Acq: 28 Mar 2019 1:04

Instrument :
BNA_G
ClientSampleId :
CS-11

Tgt Ion:	136	Resp:	623991
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.2	7.0	10.6
68	5.5	4.8	7.2

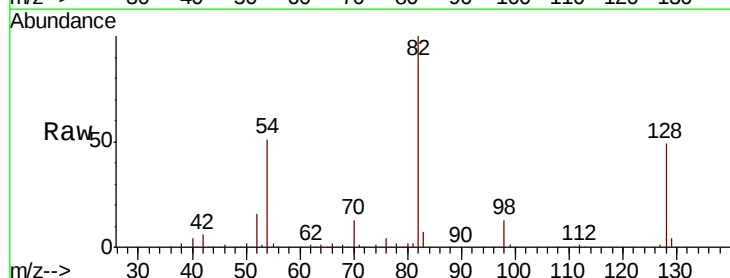


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

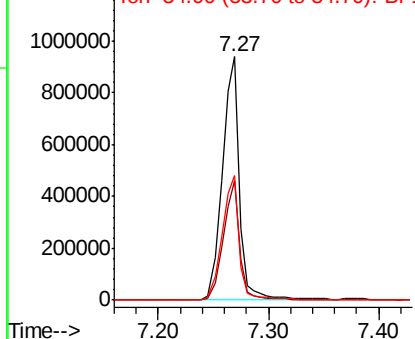
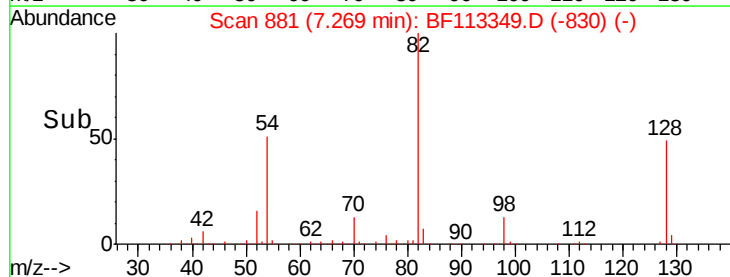


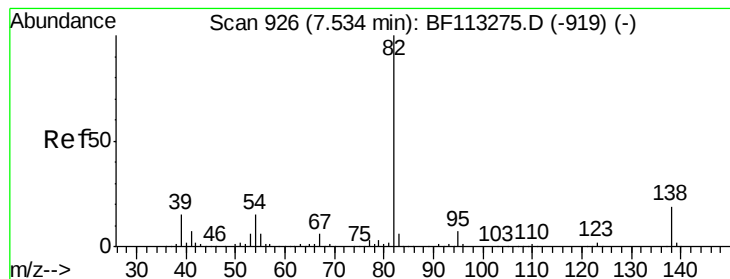
#23
Nitrobenzene-d5
Concen: 96.548 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113349.D
Acq: 28 Mar 2019 1:04

Tgt Ion:	82	Resp:	1015011
Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.5	54.7
54	51.2	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: 48.252 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113349.D

Acq: 28 Mar 2019 1:04

Instrument :

BNA_G

ClientSampleId :

CS-11

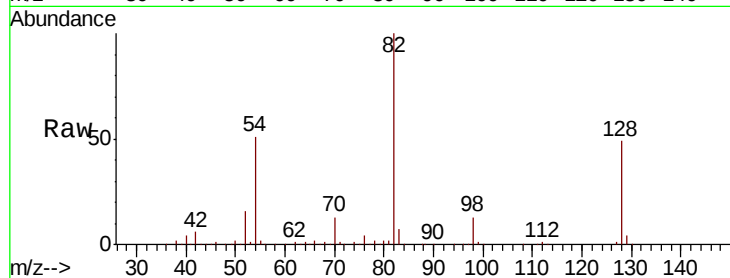
Tgt Ion: 82 Resp: 983076

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

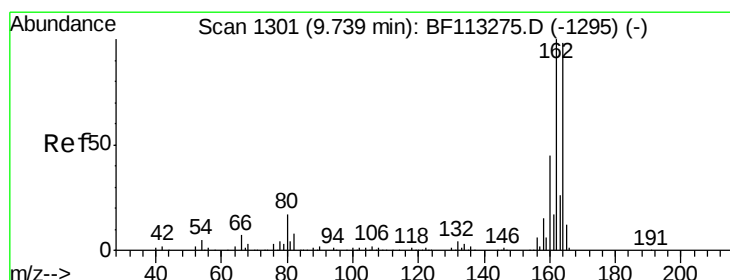
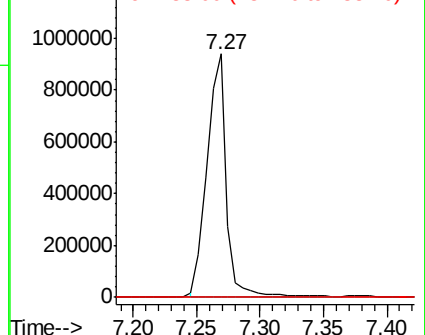
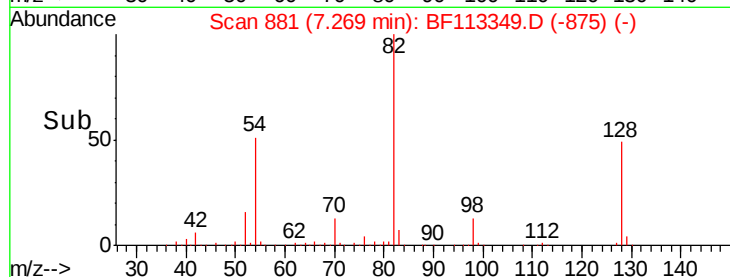
138 0.0 15.2 22.8#



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: BF113349.D

Acq: 28 Mar 2019 1:04

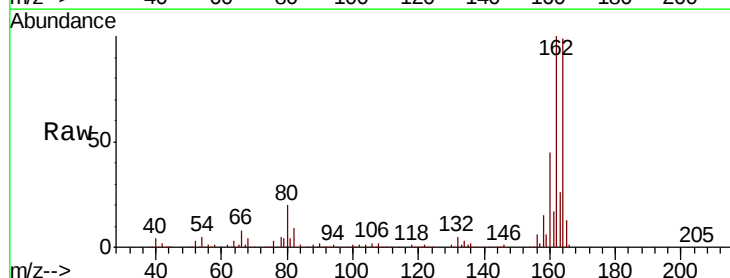
Tgt Ion: 164 Resp: 282551

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

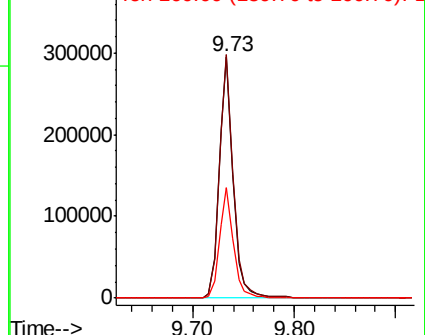
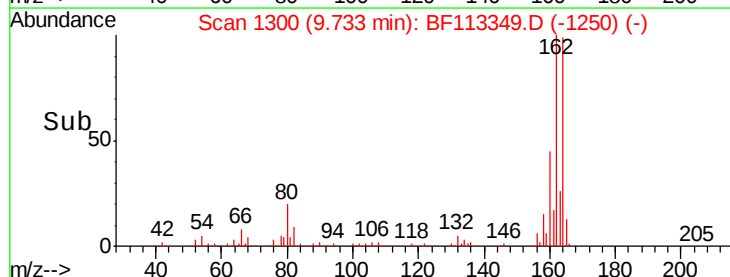
160 45.7 36.4 54.6

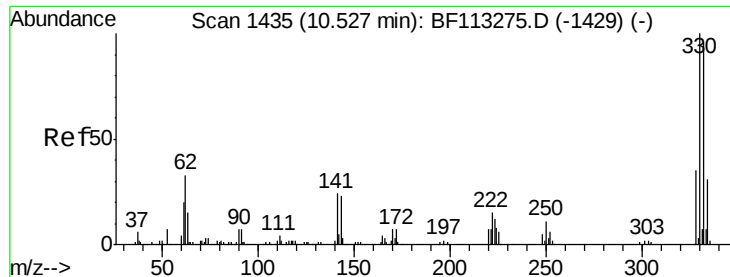


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

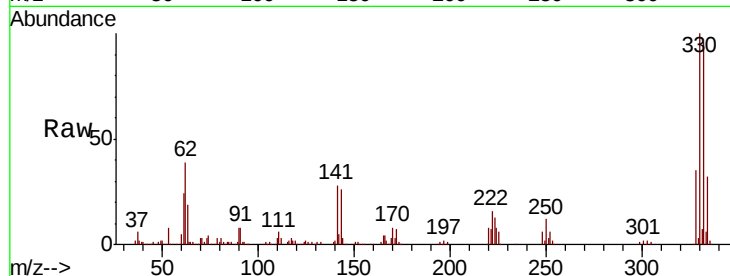




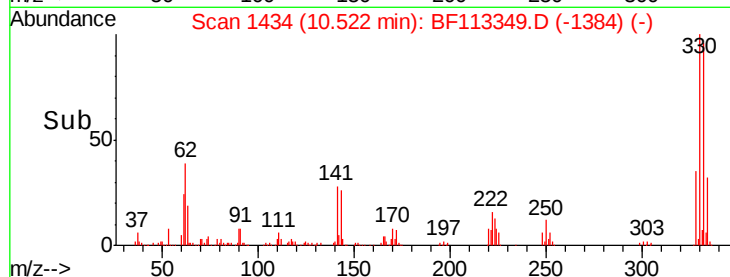
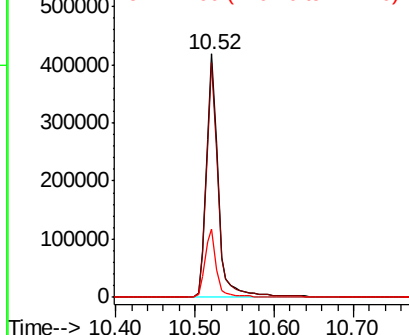
#42
 2,4,6-Tribromophenol
 Concen: 127.586 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Instrument :
 BNA_G
 ClientSampleId :
 CS-11

Tgt Ion:330 Resp: 445293
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.6
 141 27.8 22.7 34.1

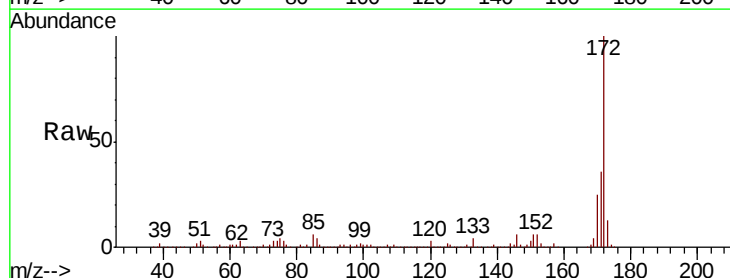


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

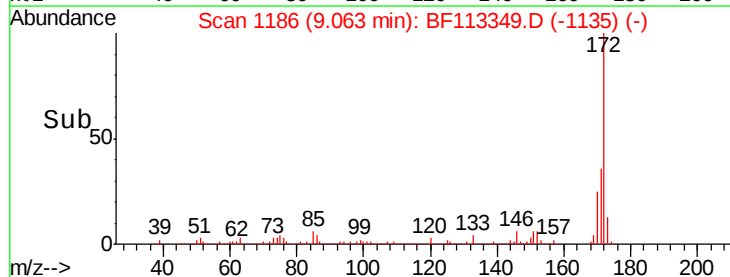
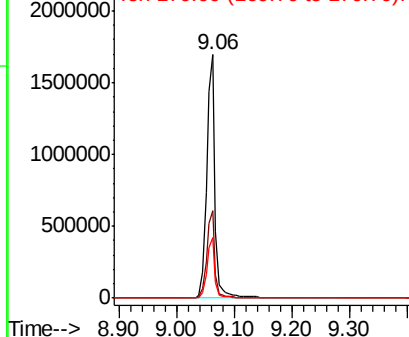


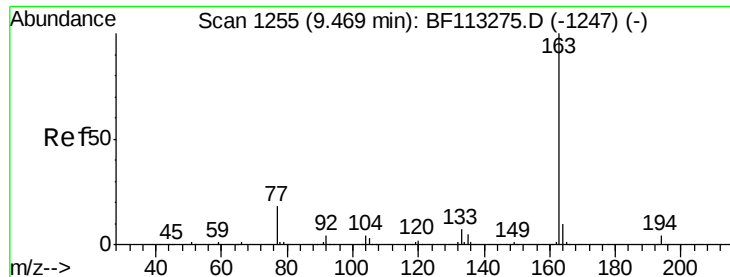
#45
 2-Fluorobiphenyl
 Concen: 99.383 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Tgt Ion:172 Resp: 1737790
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.6 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

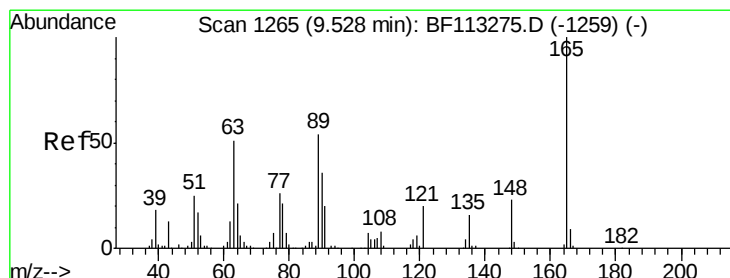
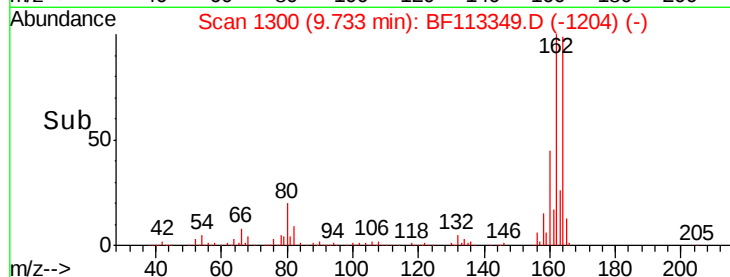
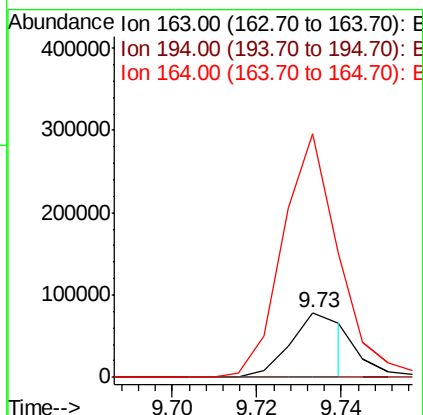
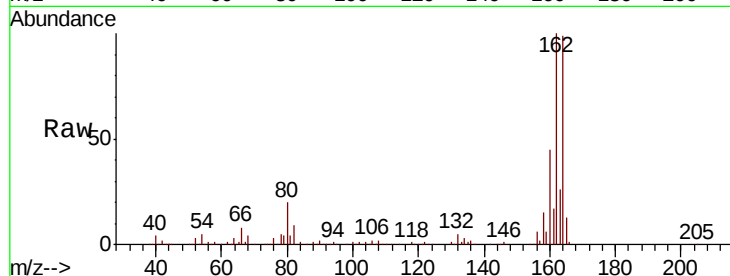




#50
Dimethylphthalate
Concen: 3.247 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.26 min
Lab File: BF113349.D
Acq: 28 Mar 2019 1:04

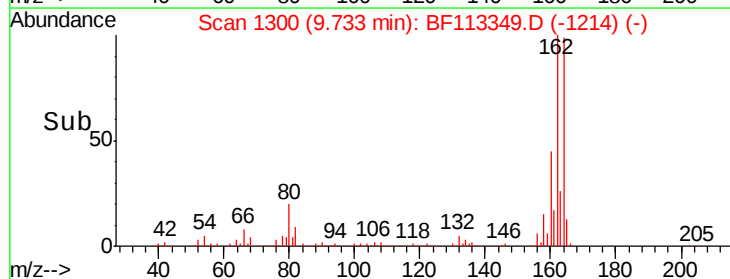
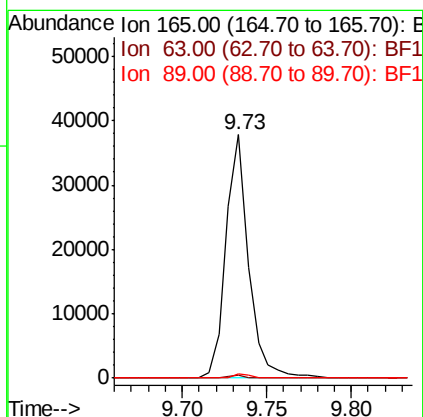
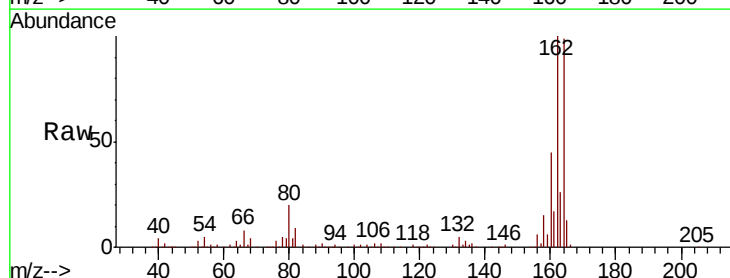
Instrument :
BNA_G
ClientSampleId :
CS-11

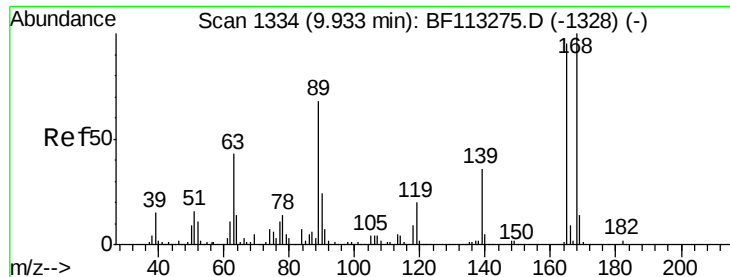
Tgt Ion:163 Resp: 67987
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 374.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.459 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113349.D
Acq: 28 Mar 2019 1:04

Tgt Ion:165 Resp: 35237
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.0#
89 1.6 43.1 64.7#

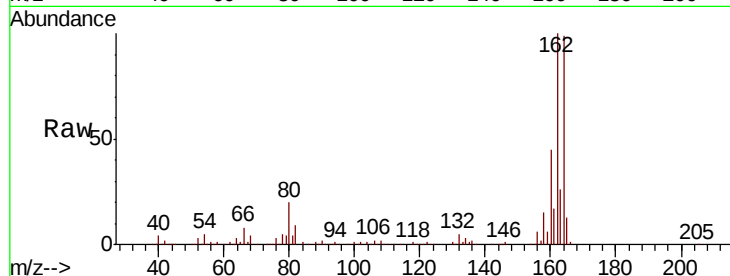




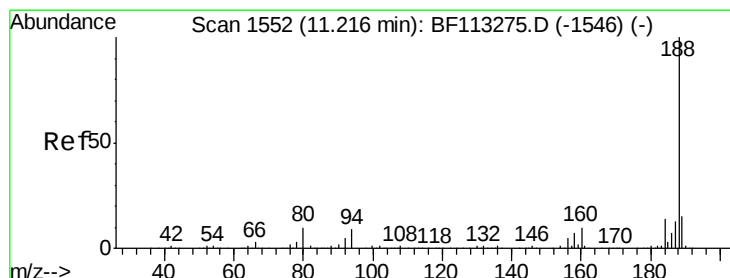
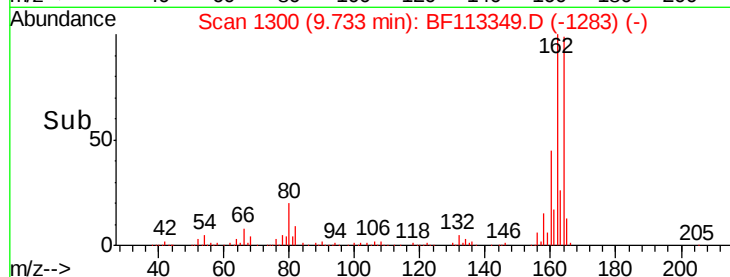
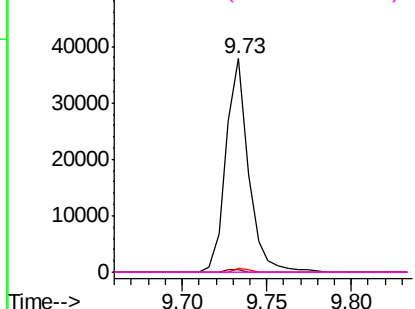
#57
 2,4-Dinitrotoluene
 Concen: 5.866 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Instrument :
 BNA_G
 ClientSampleId :
 CS-11

Tgt Ion:165 Resp: 35237
 Ion Ratio Lower Upper
 165 100
 63 1.1 37.5 56.3#
 89 1.6 57.4 86.2#
 182 0.0 2.0 3.0#

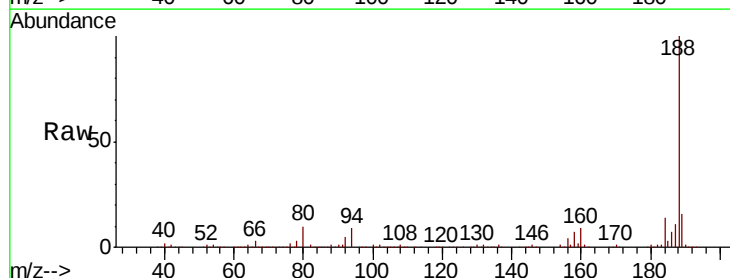


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

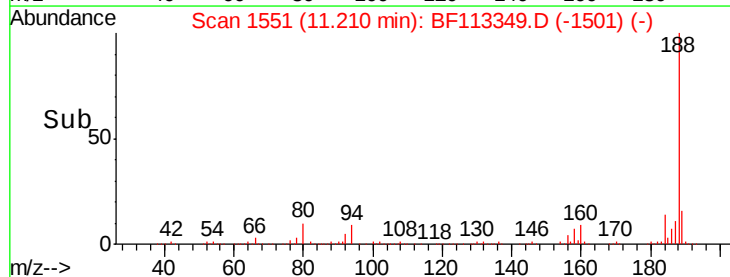
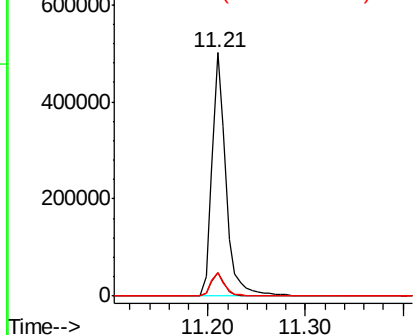


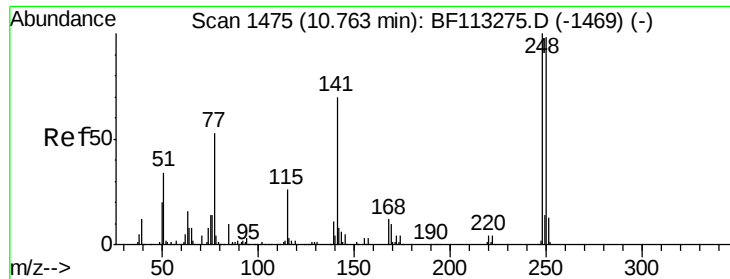
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Tgt Ion:188 Resp: 500226
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.0 10.6
 80 9.8 7.7 11.5



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

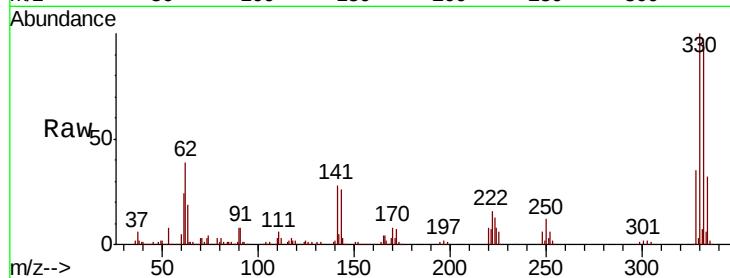




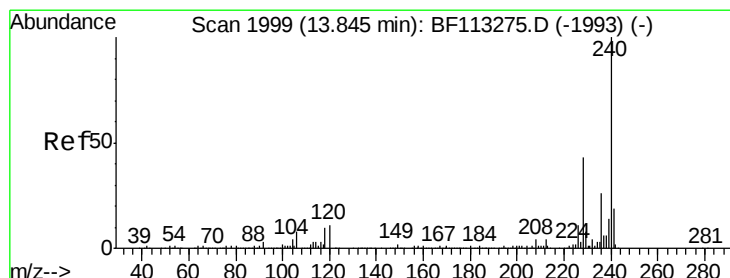
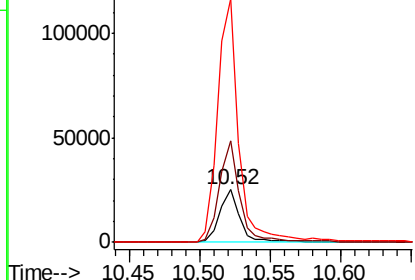
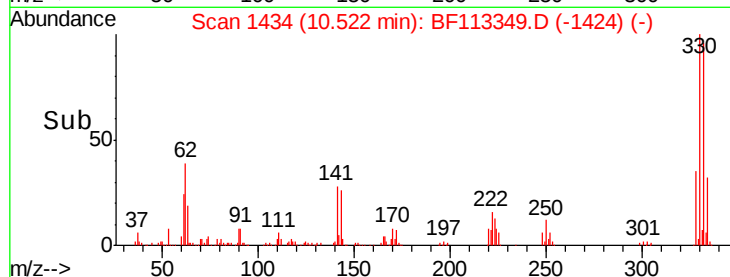
#67
 4-Bromophenyl-phenylether
 Concen: 4.734 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Instrument :
 BNA_G
 ClientSampleId :
 CS-11

Tgt Ion:248 Resp: 25812
 Ion Ratio Lower Upper
 248 100
 250 191.4 78.3 117.5#
 141 461.4 56.2 84.4#

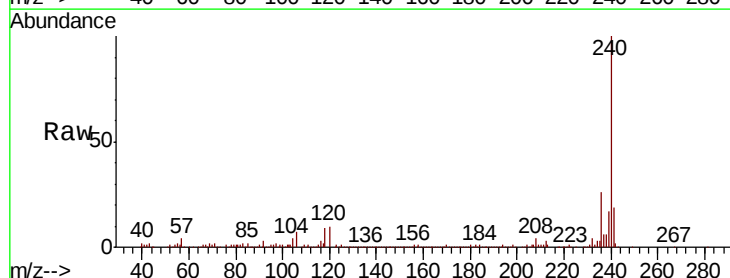


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

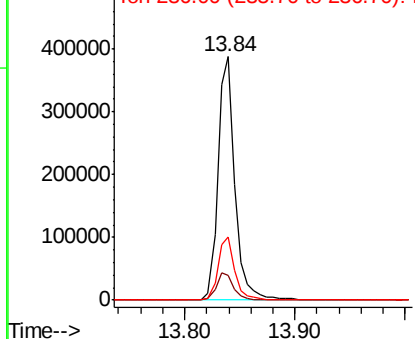
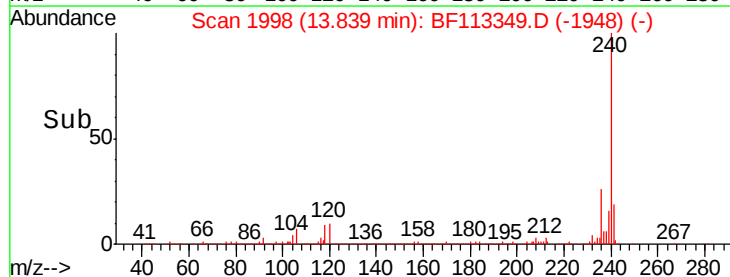


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Tgt Ion:240 Resp: 410307
 Ion Ratio Lower Upper
 240 100
 120 10.4 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

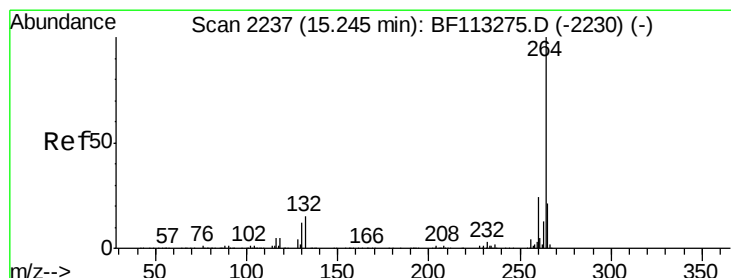
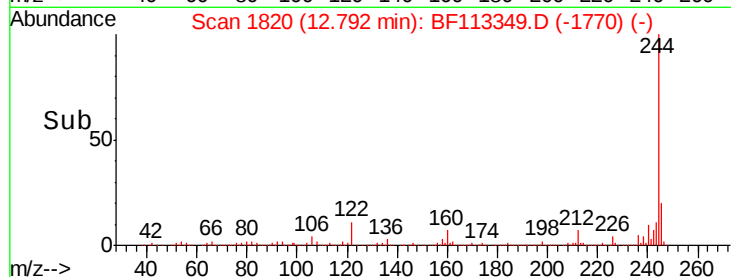
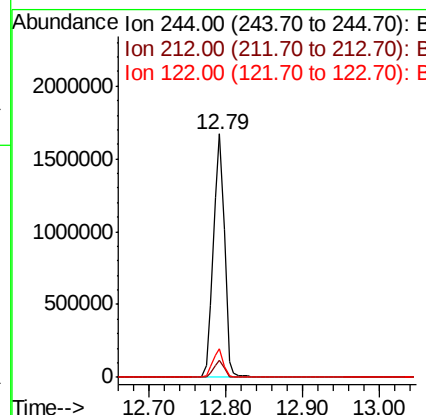
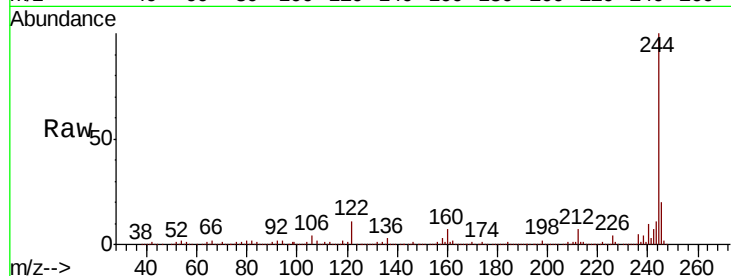




#79
 Terphenyl-d14
 Concen: 89.280 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Instrument :
 BNA_G
 ClientSampleId :
 CS-11

Tgt Ion:244 Resp: 1661943
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.5 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Tgt Ion:264 Resp: 350651
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.9 17.1 25.7

