

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113352.D
 Acq On : 28 Mar 2019 2:36
 Operator : JU/SJ
 Sample : K2086-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-12

Quant Time: Mar 28 04:32:58 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

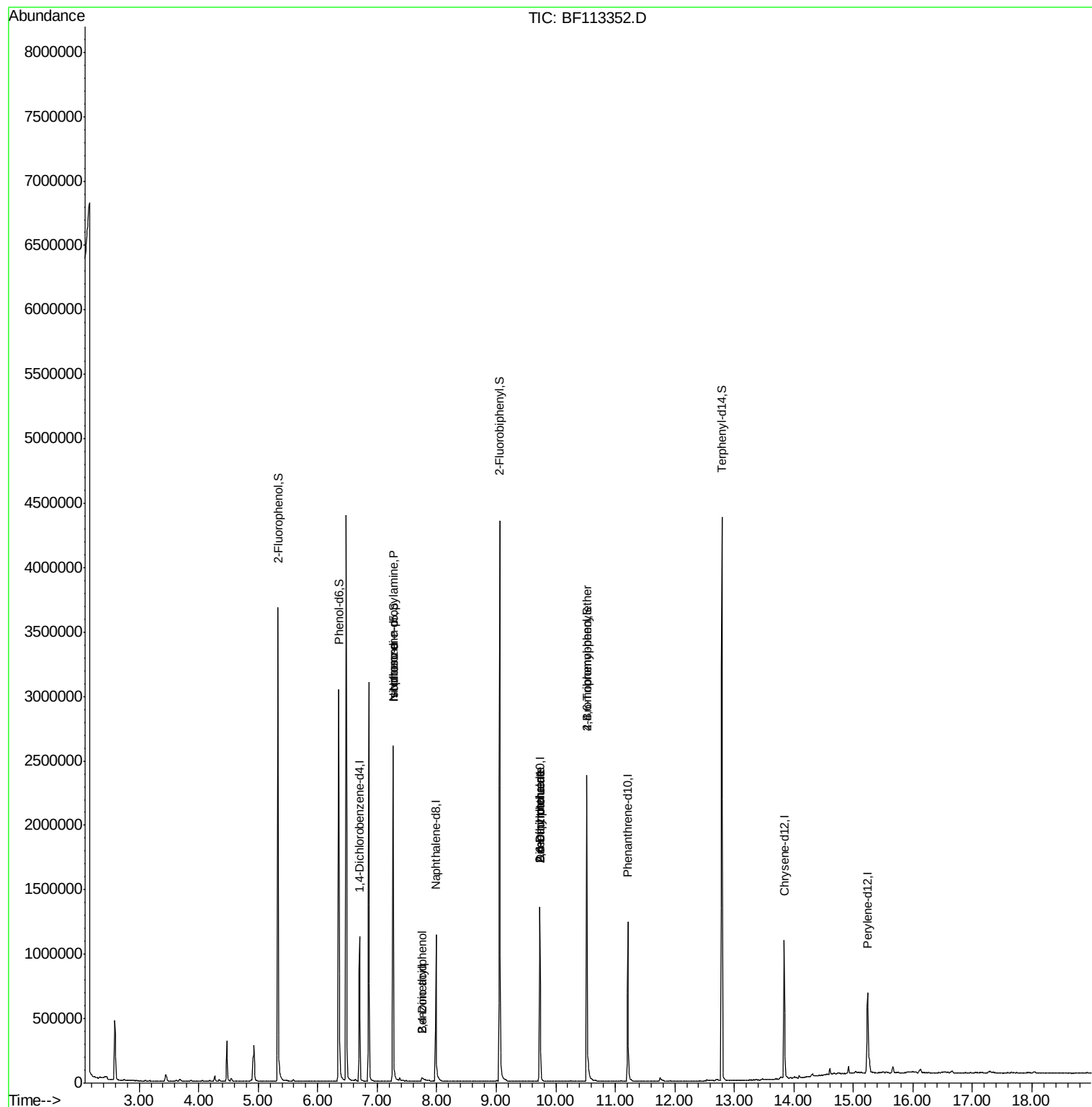
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	176410	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	641514	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	294542	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	516663	20.00	ng	0.00
76) Chrysene-d12	13.84	240	423812	20.00	ng	0.00
87) Perylene-d12	15.24	264	348247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1133414	105.05	ng	0.02
7) Phenol-d6	6.36	99	1319234	96.66	ng	0.00
23) Nitrobenzene-d5	7.27	82	973280	90.05	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	404403	111.15	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1660047	89.21	ng	0.00
79) Terphenyl-d14	12.79	244	1581165	82.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	127009	14.815	ng	# 75
25) Isophorone	7.27	82	941056	44.928	ng	# 64
27) 2,4-Dimethylphenol	7.75	122	25349	2.956	ng	# 5
32) Benzoic acid	7.75	122	25349	3.672	ng	# 94
50) Dimethylphthalate	9.73	163	70998	3.253	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	37701	7.656	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	37701	6.020	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	22301	3.960	ng	# 1

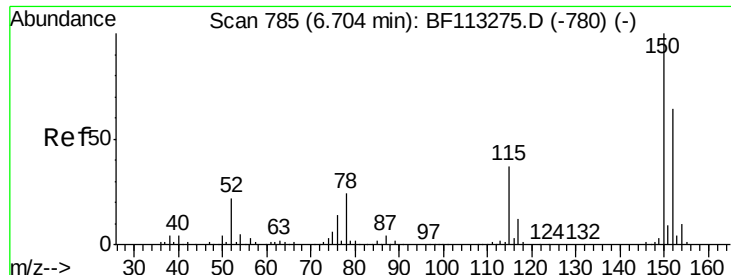
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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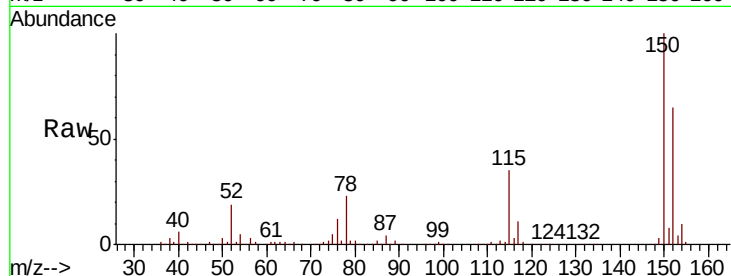


#1

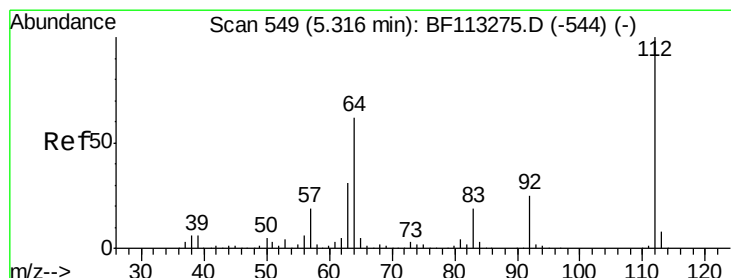
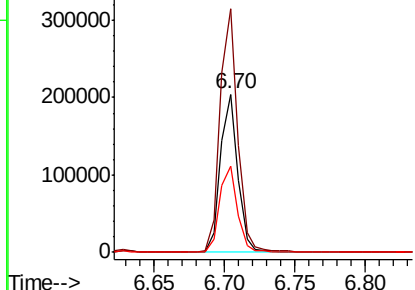
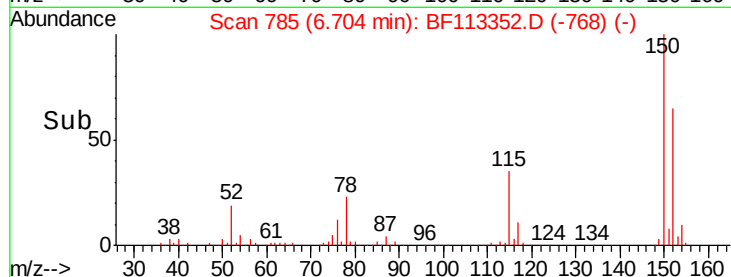
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113352.D
Acq: 28 Mar 2019 2:36

Instrument :
BNA_G
ClientSampleId :
CS-12

Tgt Ion:152 Resp: 176410
Ion Ratio Lower Upper
152 100
150 154.2 124.7 187.1
115 54.7 46.0 69.0



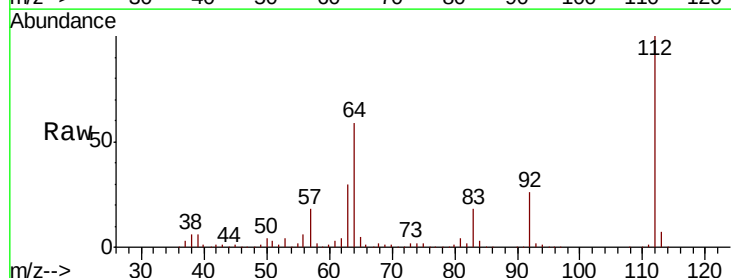
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



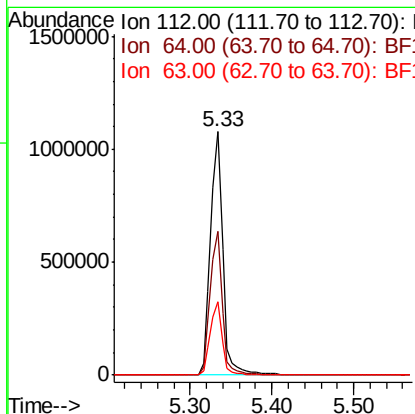
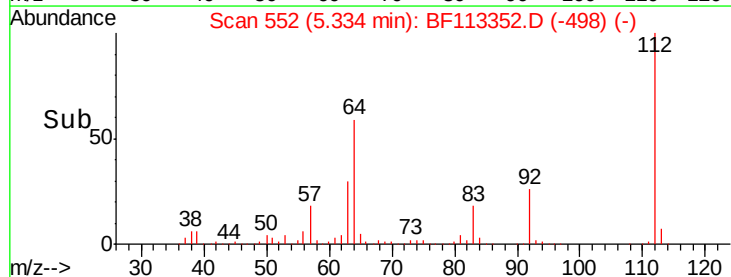
#5

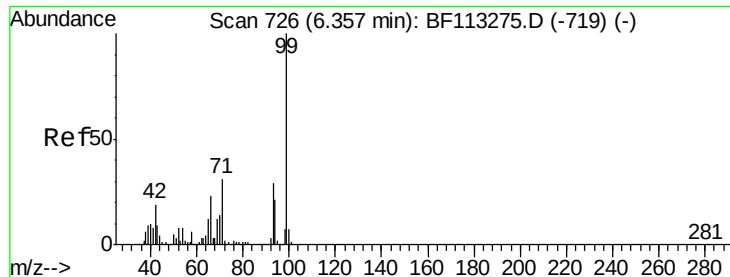
2-Fluorophenol
Concen: 105.055 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113352.D
Acq: 28 Mar 2019 2:36

Tgt Ion:112 Resp: 1133414
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 30.0 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: 96.658 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113352.D

Acq: 28 Mar 2019 2:36

Instrument :

BNA_G

ClientSampled :

CS-12

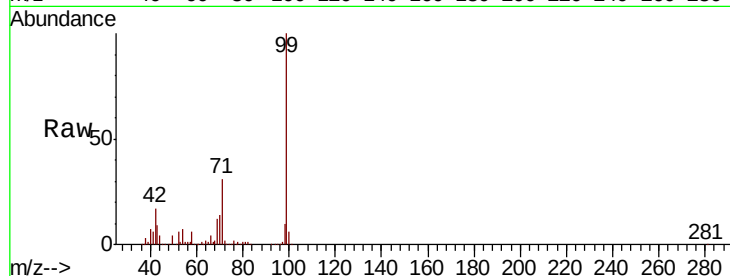
Tgt Ion: 99 Resp: 1319234

Ion Ratio Lower Upper

99 100

42 17.0 14.8 22.2

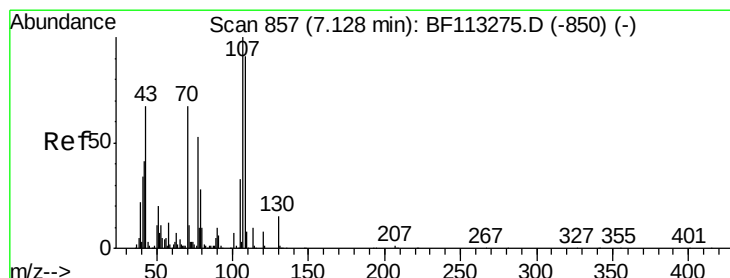
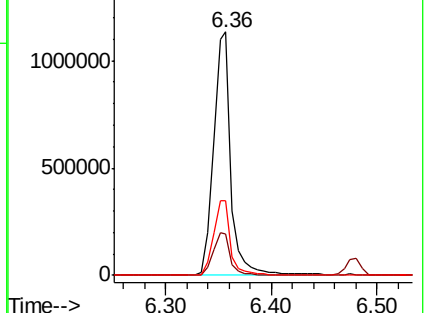
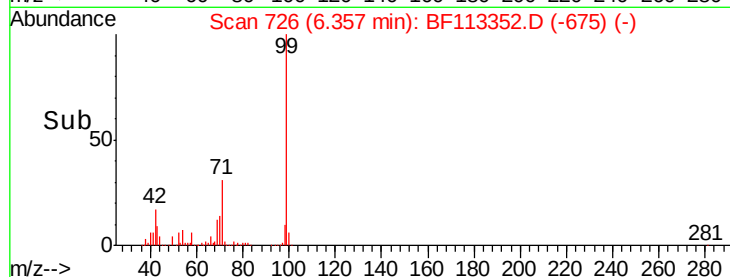
71 30.6 24.9 37.3



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: 14.815 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113352.D

Acq: 28 Mar 2019 2:36

Tgt Ion: 70 Resp: 127009

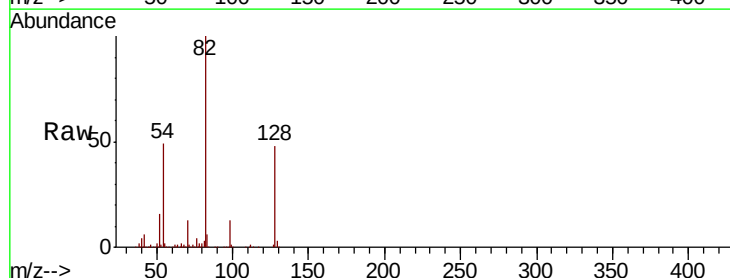
Ion Ratio Lower Upper

70 100

42 46.5 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

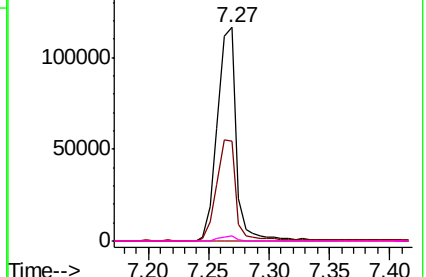
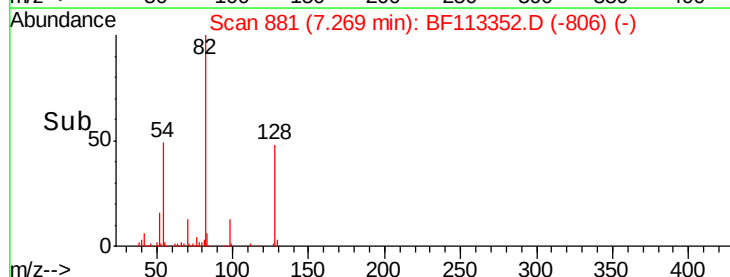


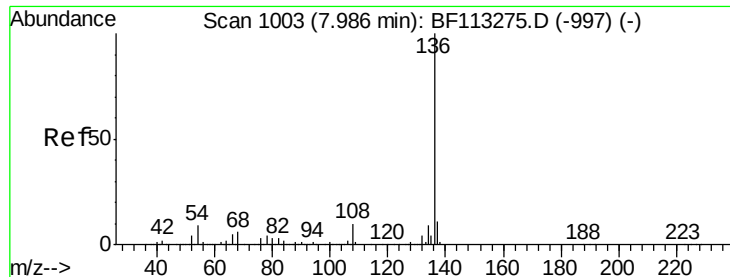
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

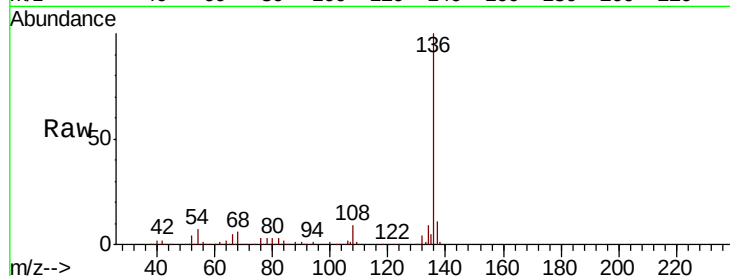




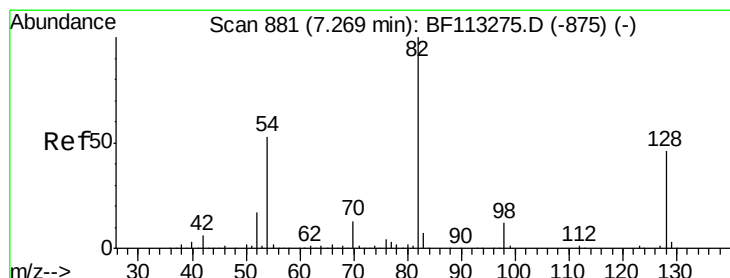
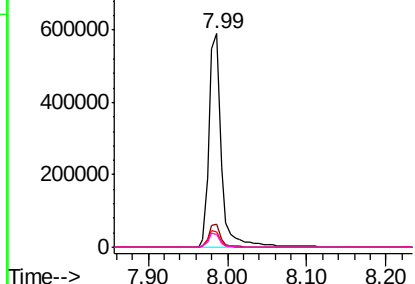
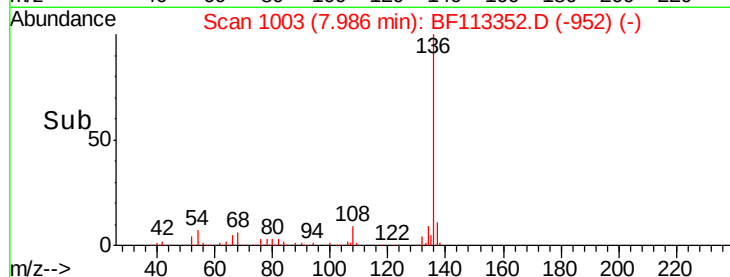
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113352.D
Acq: 28 Mar 2019 2:36

Instrument :
BNA_G
ClientSampleId :
CS-12

Tgt Ion:	136	Resp:	641514
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	7.0	10.6
68	5.8	4.8	7.2

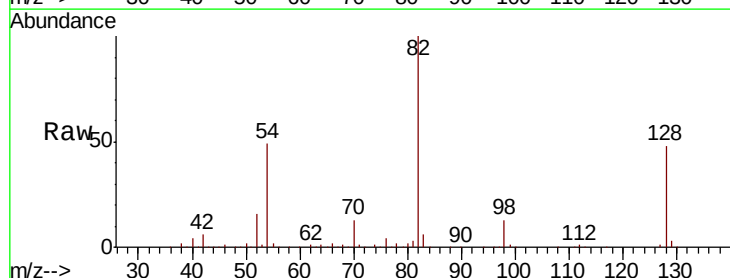


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

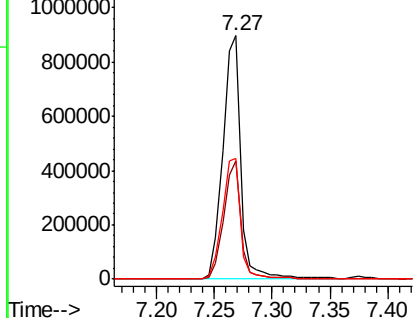
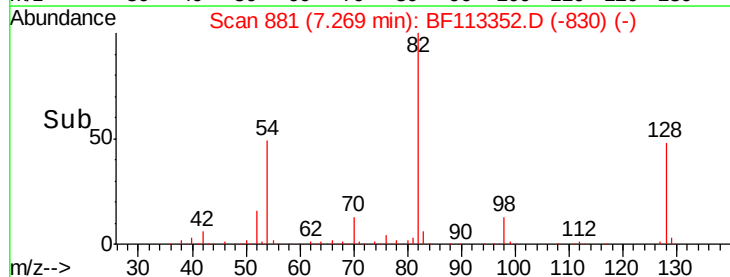


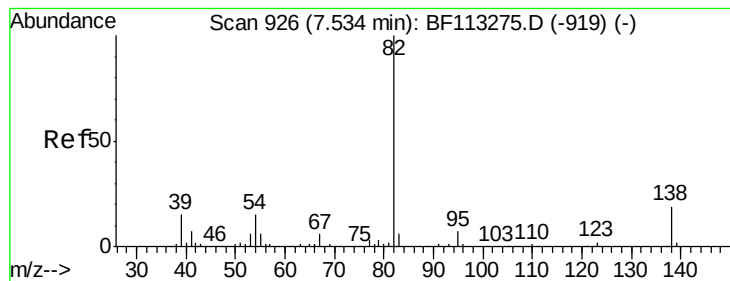
#23
Nitrobenzene-d5
Concen: 90.050 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113352.D
Acq: 28 Mar 2019 2:36

Tgt Ion:	82	Resp:	973280
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.5	54.7
54	49.4	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: 44.928 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113352.D

Acq: 28 Mar 2019 2:36

Instrument :

BNA_G

ClientSampleId :

CS-12

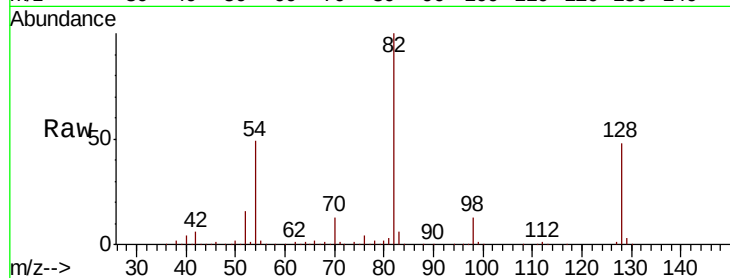
Tgt Ion: 82 Resp: 941056

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

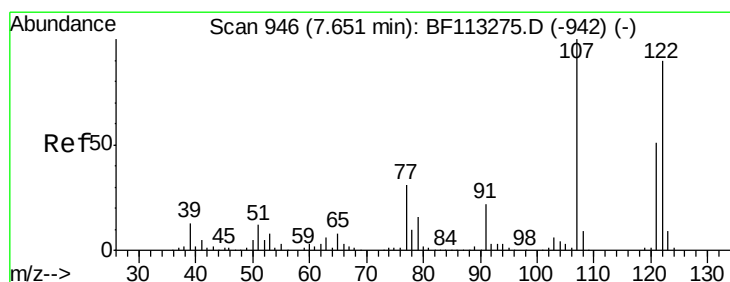
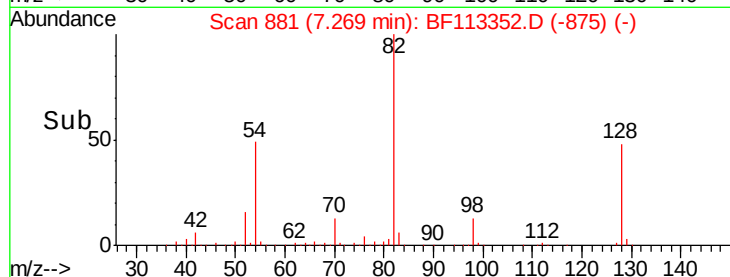
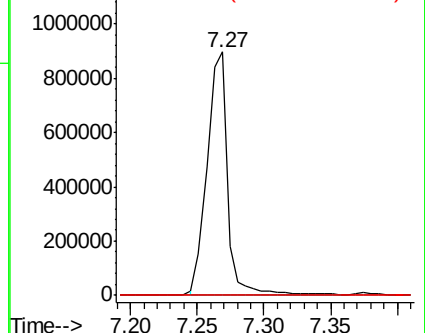
138 0.0 15.2 22.8#



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



#27

2,4-Dimethylphenol

Concen: 2.956 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.10 min

Lab File: BF113352.D

Acq: 28 Mar 2019 2:36

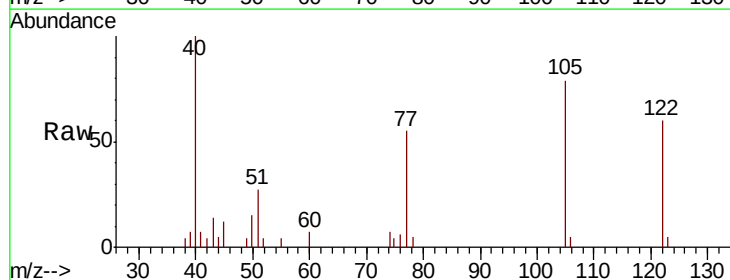
Tgt Ion: 122 Resp: 25349

Ion Ratio Lower Upper

122 100

107 0.0 88.8 133.2#

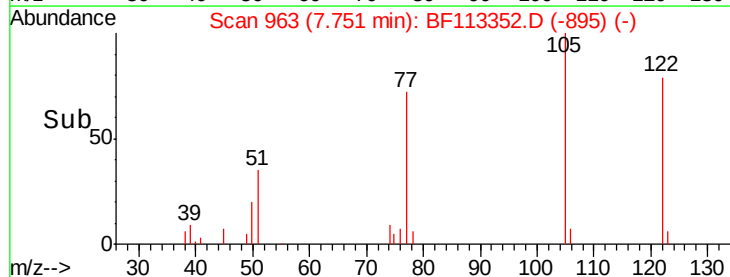
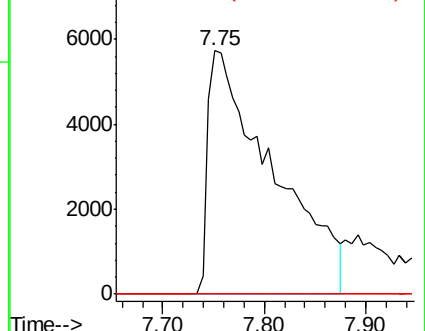
121 0.0 45.5 68.3#

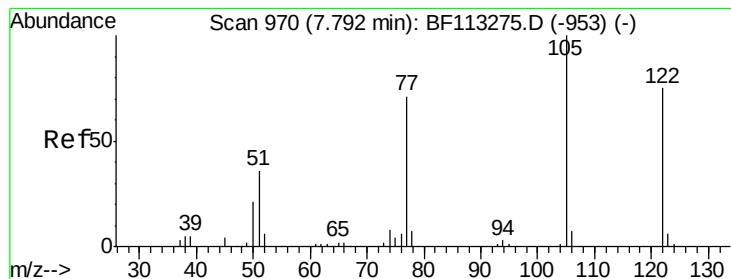


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#32

Benzoic acid

Concen: 3.672 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF113352.D

Acq: 28 Mar 2019 2:36

Instrument :

BNA_G

ClientSampleId :

CS-12

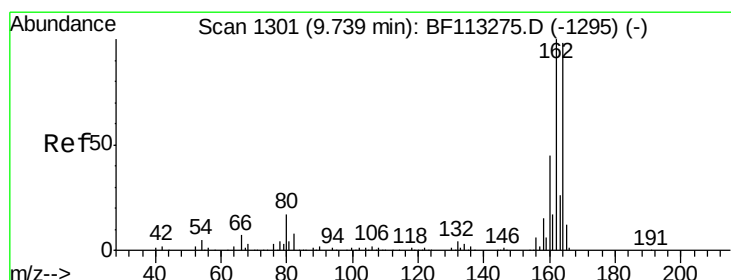
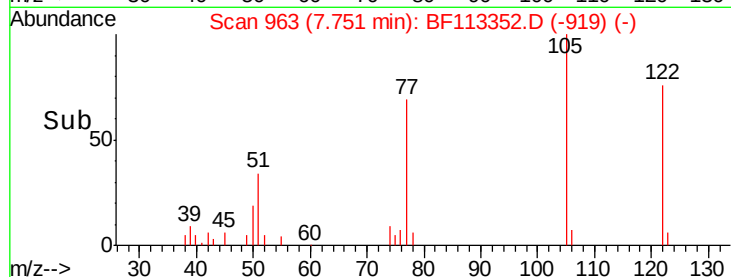
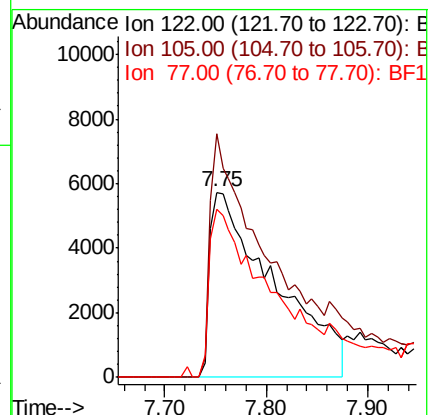
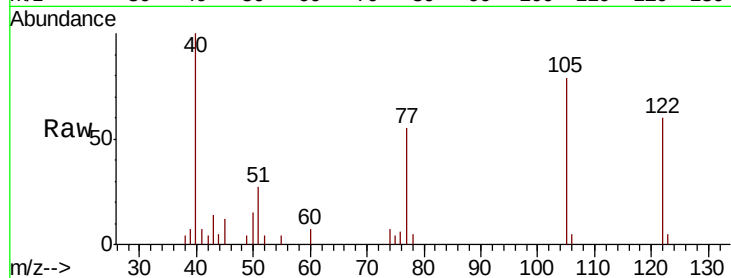
Tgt Ion:122 Resp: 25349

Ion Ratio Lower Upper

122 100

105 131.5 100.4 140.4

77 90.5 69.0 109.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113352.D

Acq: 28 Mar 2019 2:36

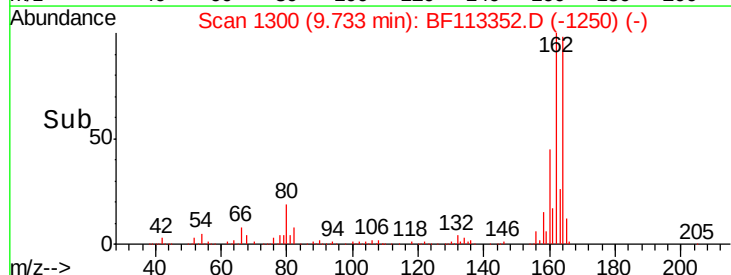
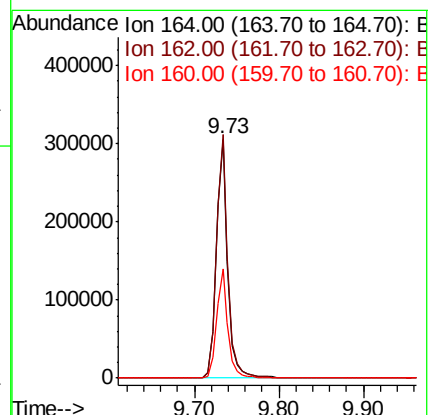
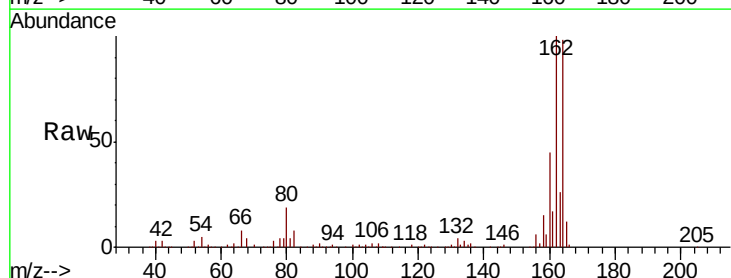
Tgt Ion:164 Resp: 294542

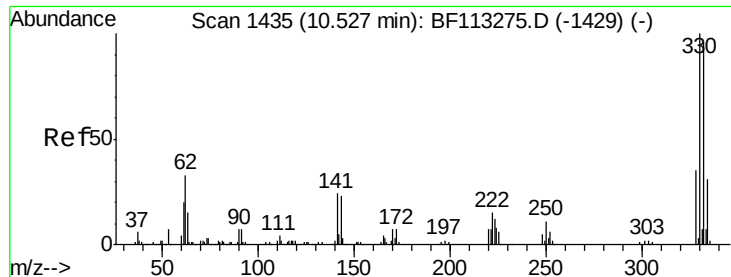
Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 45.5 36.4 54.6

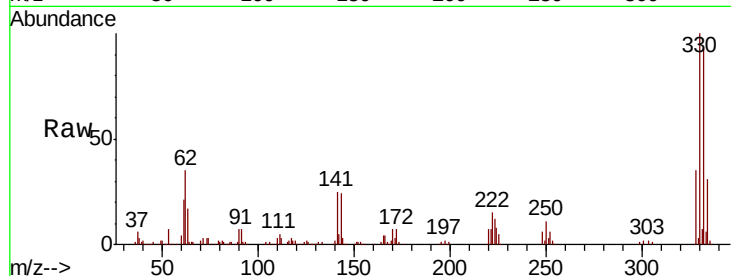




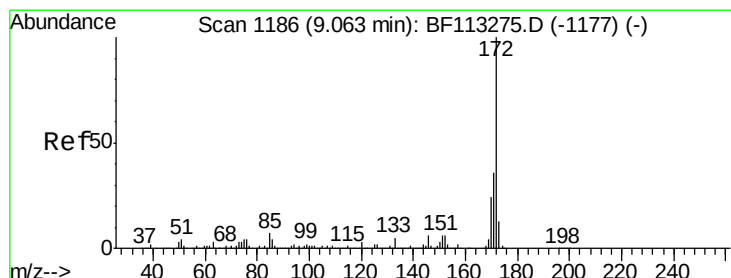
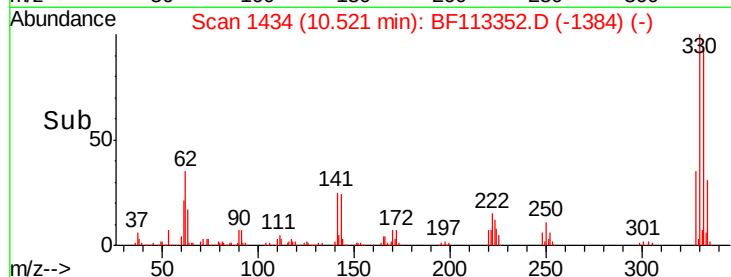
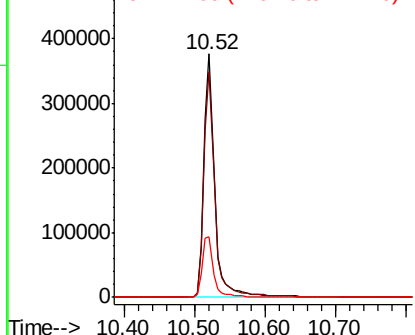
#42
 2,4,6-Tribromophenol
 Concen: 111.153 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

Instrument :
 BNA_G
 ClientSampled :
 CS-12

Tgt Ion:330 Resp: 404403
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.8 116.6
 141 27.2 22.7 34.1

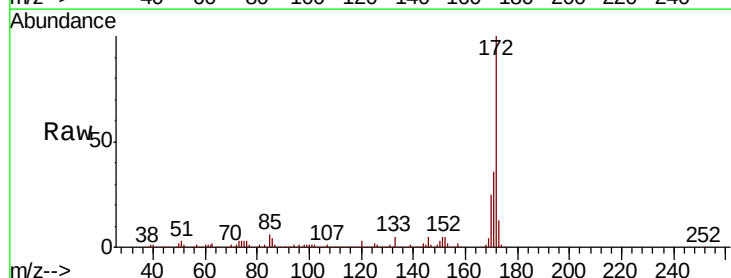


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

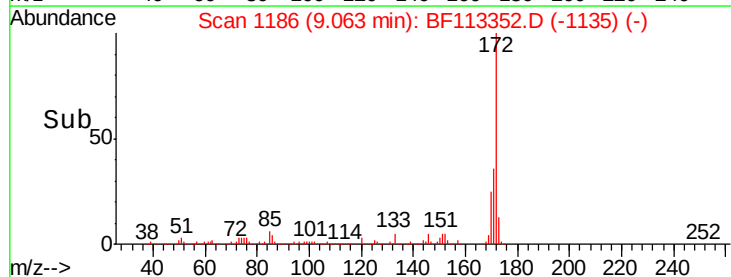
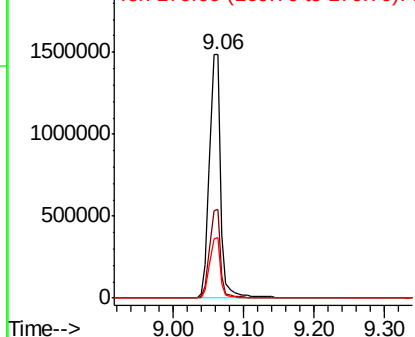


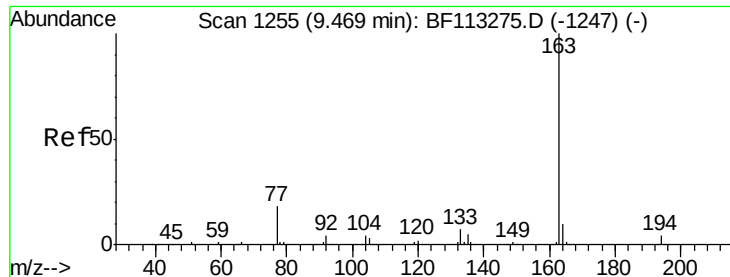
#45
 2-Fluorobiphenyl
 Concen: 89.210 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

Tgt Ion:172 Resp: 1660047
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.7 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

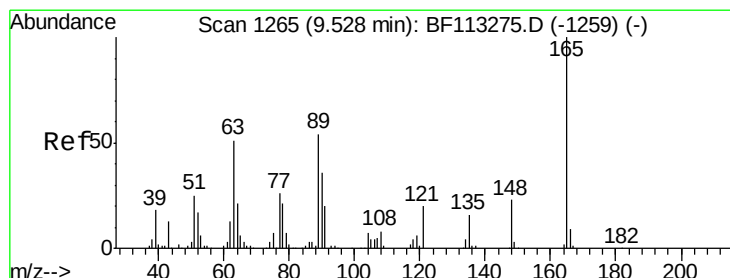
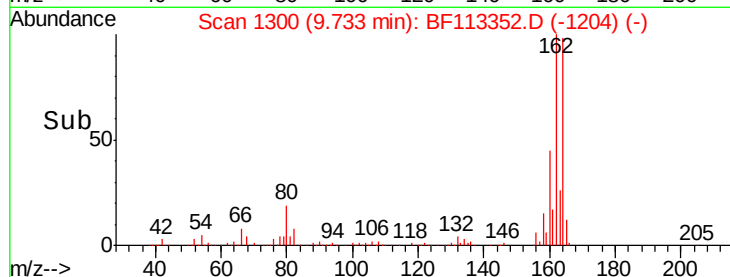
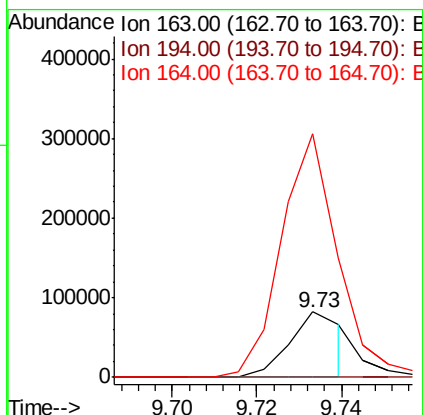
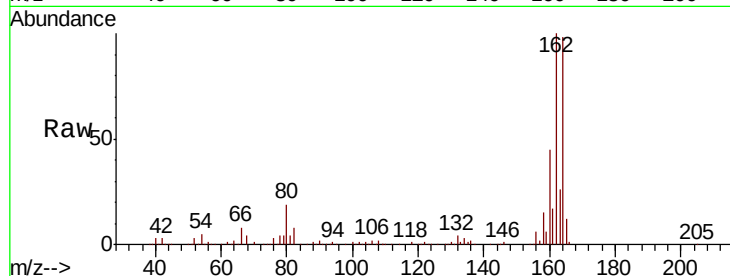




#50
Dimethylphthalate
Concen: 3.253 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.26 min
Lab File: BF113352.D
Acq: 28 Mar 2019 2:36

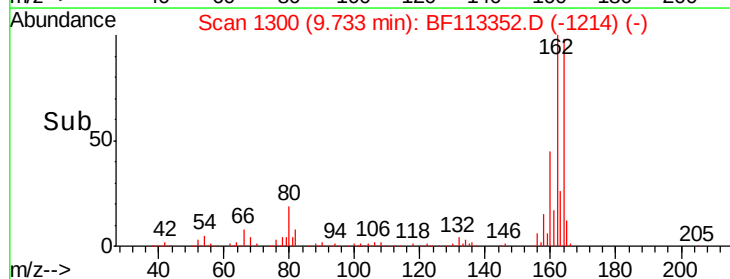
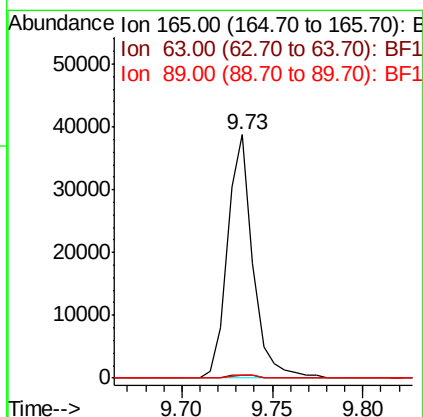
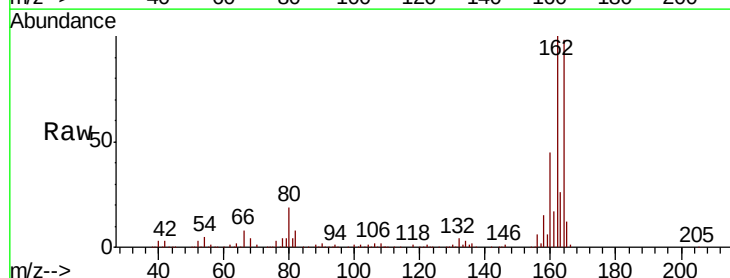
Instrument :
BNA_G
ClientSampleId :
CS-12

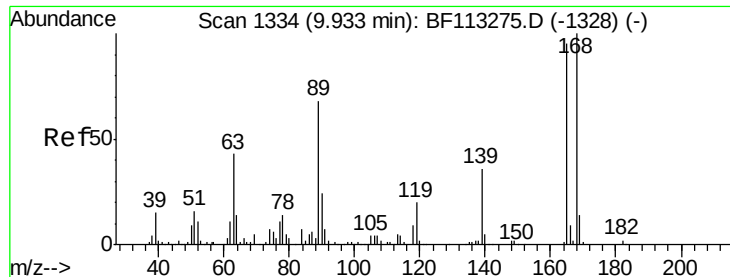
Tgt Ion:163 Resp: 70998
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 372.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.656 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113352.D
Acq: 28 Mar 2019 2:36

Tgt Ion:165 Resp: 37701
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 1.4 43.1 64.7#

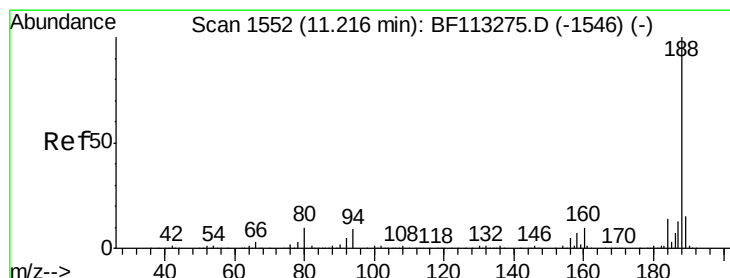
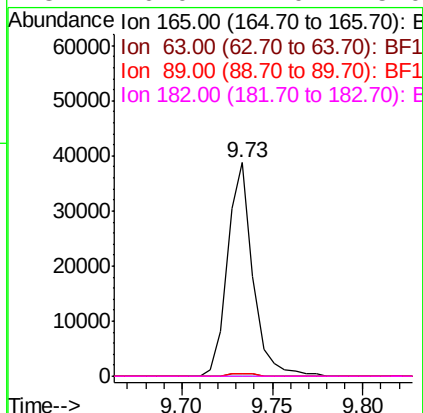
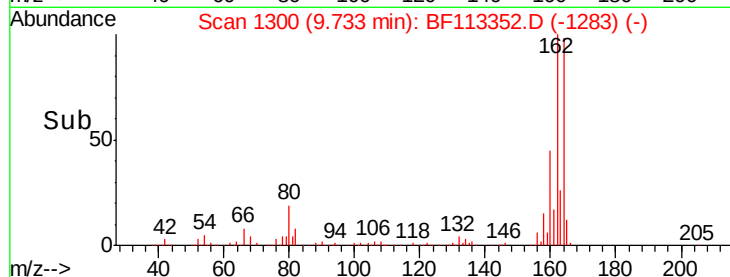
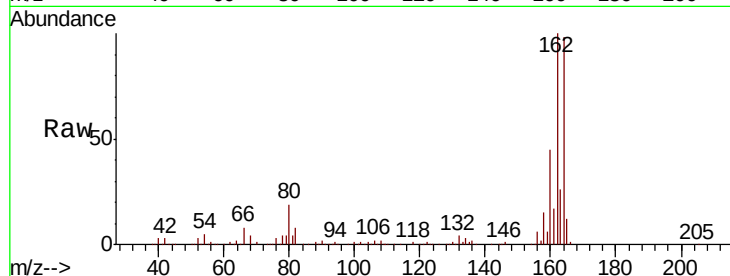




#57
 2,4-Dinitrotoluene
 Concen: 6.020 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

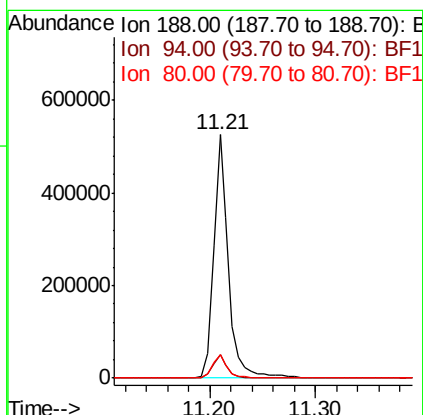
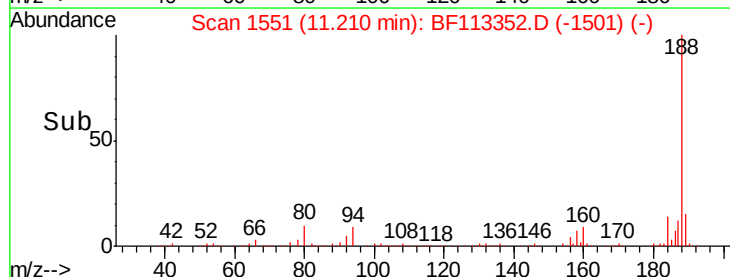
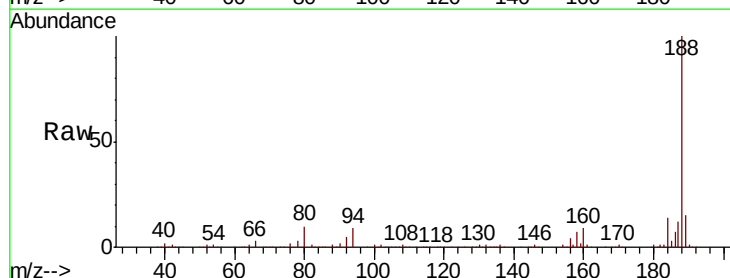
Instrument :
 BNA_G
 ClientSampleId :
 CS-12

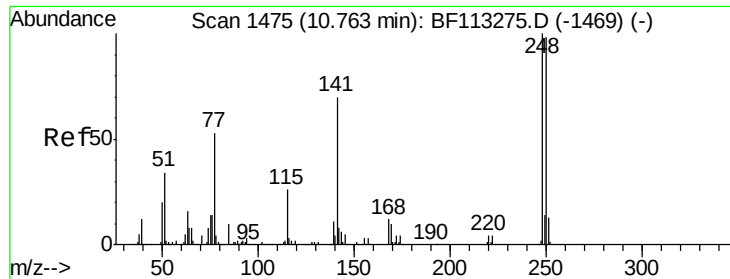
Tgt Ion:165 Resp: 37701
 Ion Ratio Lower Upper
 165 100
 63 1.3 37.5 56.3#
 89 1.4 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

Tgt Ion:188 Resp: 516663
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.0 10.6
 80 9.9 7.7 11.5

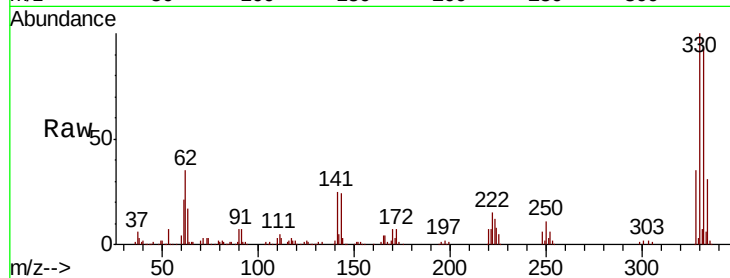




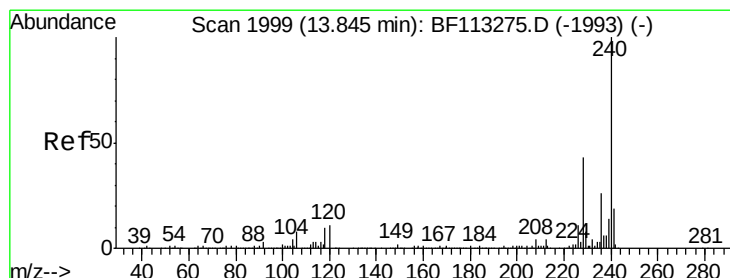
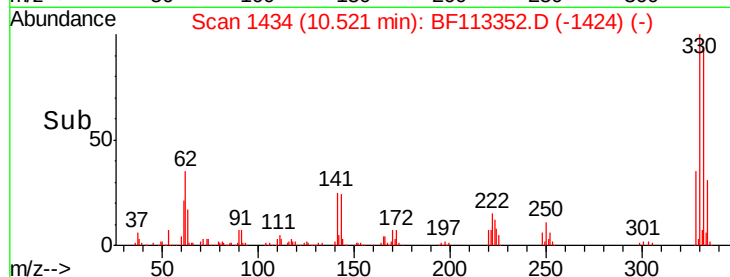
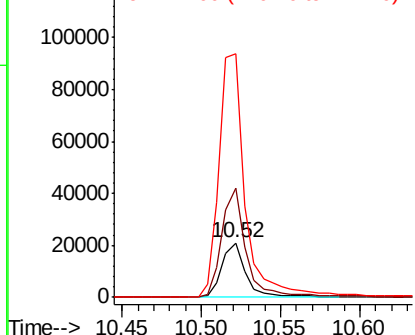
#67
 4-Bromophenyl-phenylether
 Concen: 3.960 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

Instrument :
 BNA_G
 ClientSampleId :
 CS-12

Tgt Ion:248 Resp: 22301
 Ion Ratio Lower Upper
 248 100
 250 199.8 78.3 117.5#
 141 446.1 56.2 84.4#

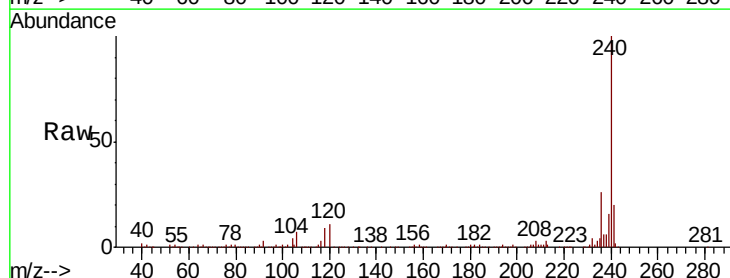


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

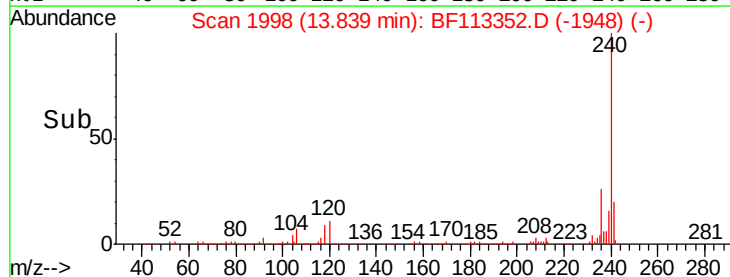
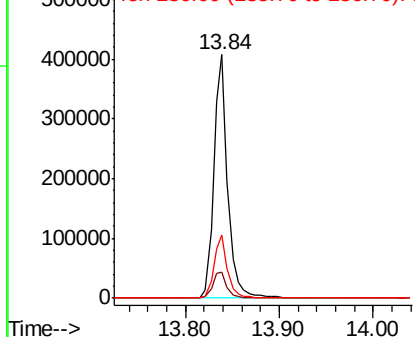


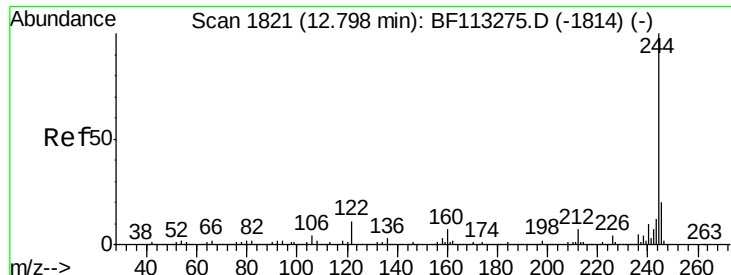
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113352.D
 Acq: 28 Mar 2019 2:36

Tgt Ion:240 Resp: 423812
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.8 13.2
 236 25.7 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: 82.233 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113352.D

Acq: 28 Mar 2019 2:36

Instrument :

BNA_G

ClientSampleId :

CS-12

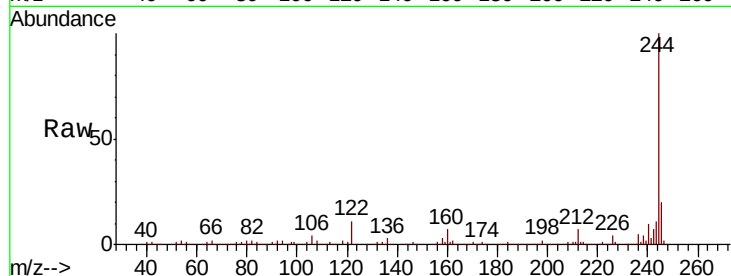
Tgt Ion:244 Resp: 1581165

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

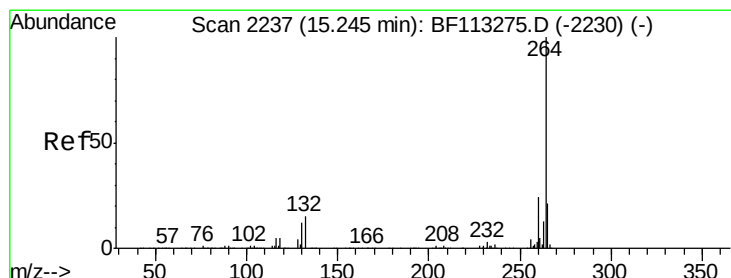
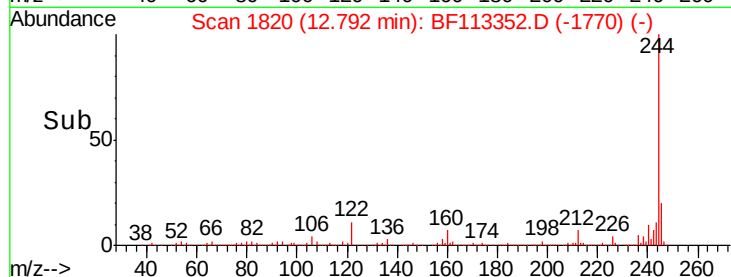
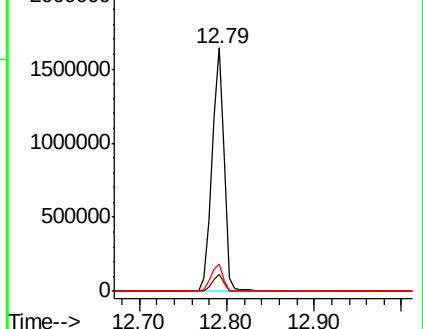
122 11.2 8.6 13.0



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: BF113352.D

Acq: 28 Mar 2019 2:36

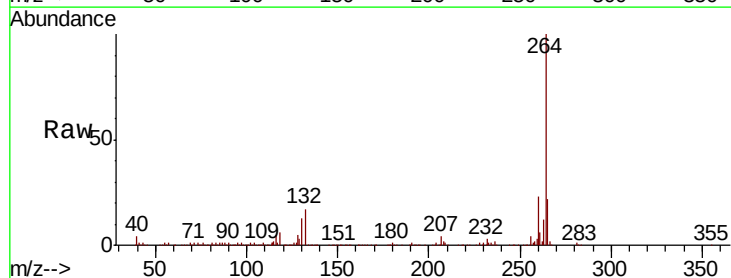
Tgt Ion:264 Resp: 348247

Ion Ratio Lower Upper

264 100

260 22.9 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

