

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113355.D
 Acq On : 28 Mar 2019 4:04
 Operator : JU/SJ
 Sample : K2086-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-15

Quant Time: Mar 28 04:33:42 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

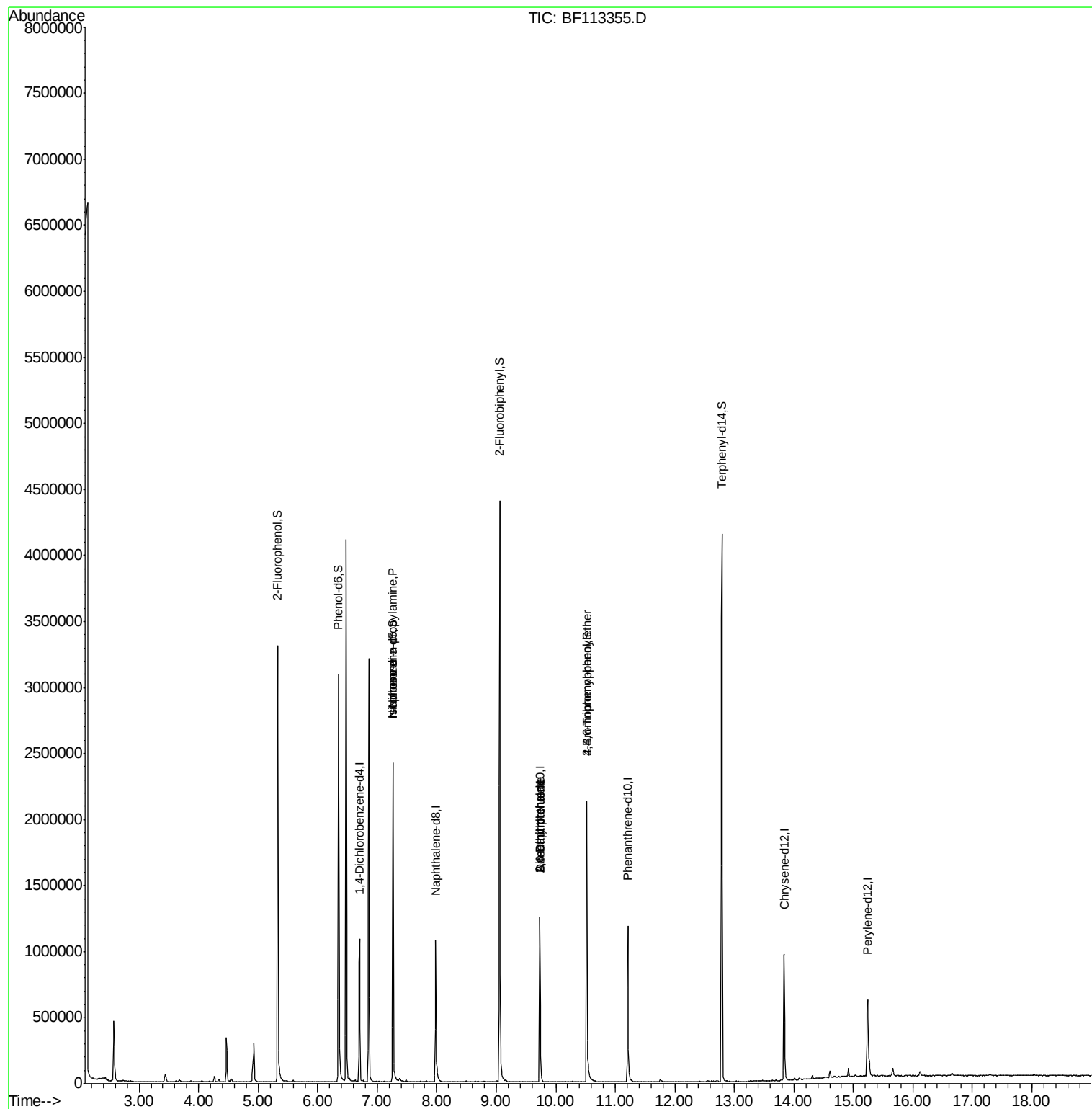
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	167852	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	622282	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	278928	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	503285	20.00	ng	0.00
76) Chrysene-d12	13.84	240	425530	20.00	ng	0.00
87) Perylene-d12	15.24	264	326201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1081950	105.40	ng	0.01
7) Phenol-d6	6.35	99	1238988	95.41	ng	0.00
23) Nitrobenzene-d5	7.26	82	916366	87.40	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	375759	109.06	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1613443	92.15	ng	0.00
79) Terphenyl-d14	12.79	244	1566708	81.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	119336	14.630	ng	# 77
25) Isophorone	7.26	82	916354	45.100	ng	# 64
50) Dimethylphthalate	9.73	163	68063	3.293	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	34957	7.496	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	34957	5.895	ng	# 24
67) 4-Bromophenyl-phenylether	10.52	248	20869	3.804	ng	# 1

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

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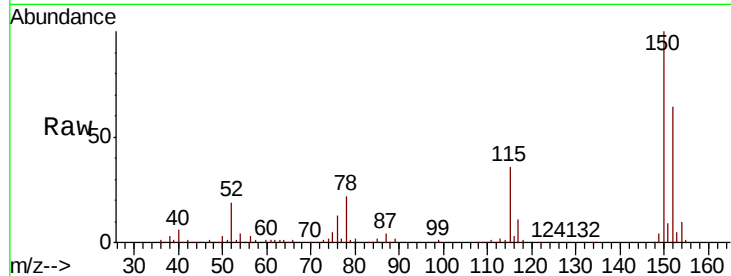


#1

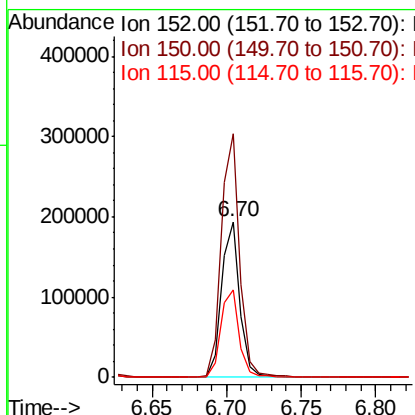
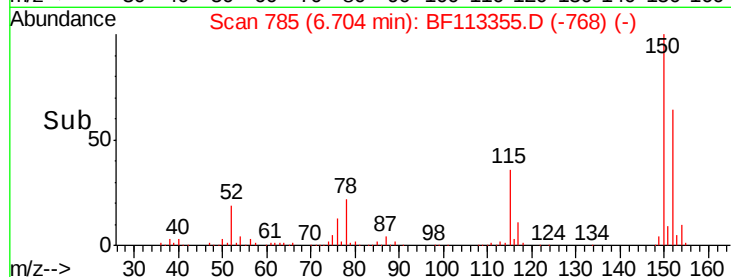
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113355.D
Acq: 28 Mar 2019 4:04

Instrument :
BNA_G
ClientSampleId :
CS-15

Tgt Ion:152 Resp: 167852
Ion Ratio Lower Upper
152 100
150 156.4 124.7 187.1
115 55.9 46.0 69.0



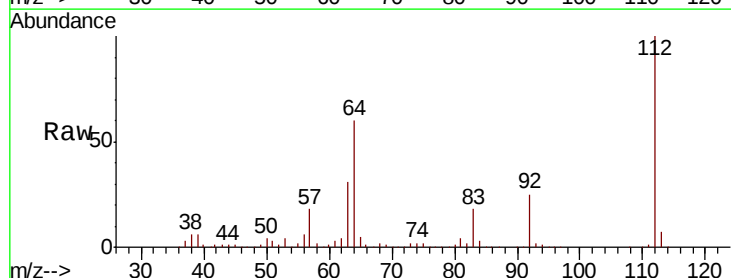
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



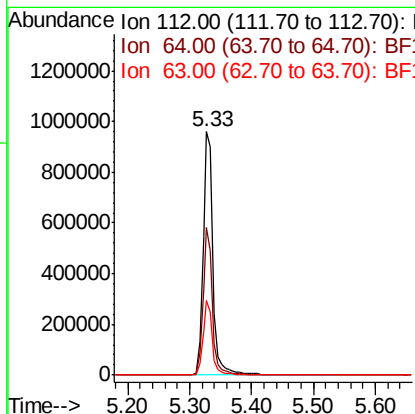
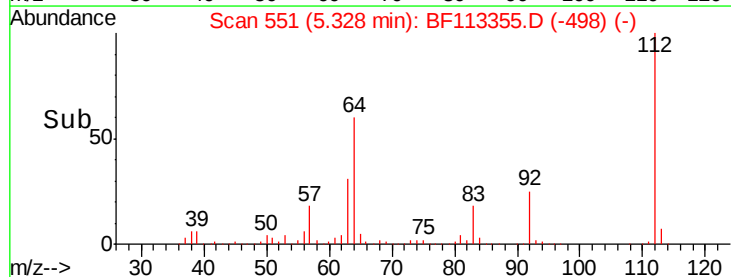
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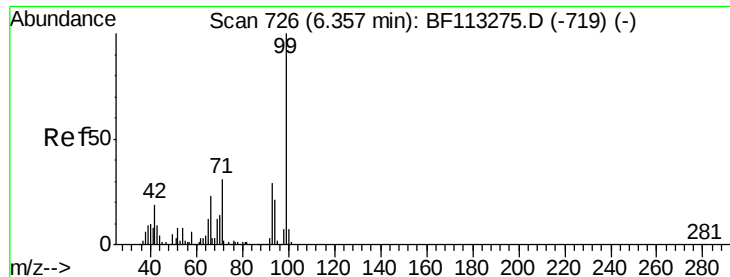
2-Fluorophenol
Concen: 105.398 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113355.D
Acq: 28 Mar 2019 4:04

Tgt Ion:112 Resp: 1081950
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 30.6 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: 95.407 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113355.D

Acq: 28 Mar 2019 4:04

Instrument :

BNA_G

ClientSampled :

CS-15

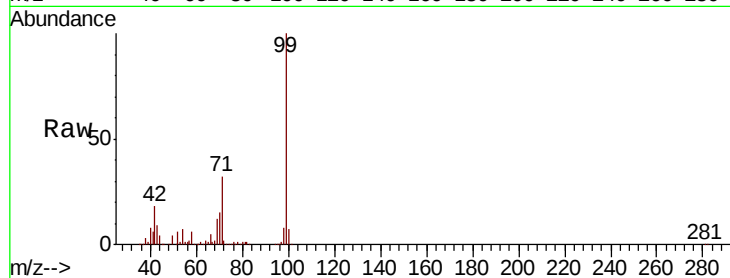
Tgt Ion: 99 Resp: 1238988

Ion Ratio Lower Upper

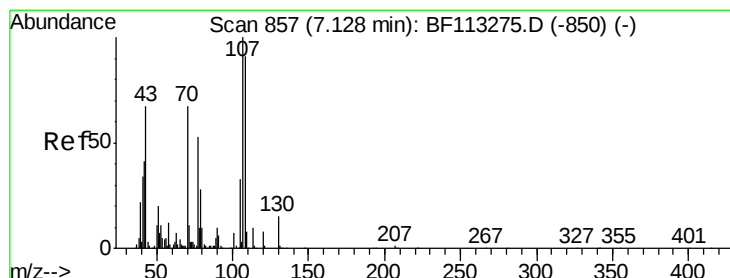
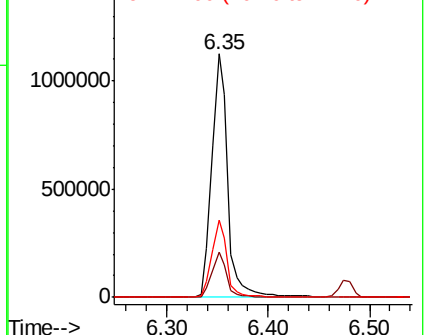
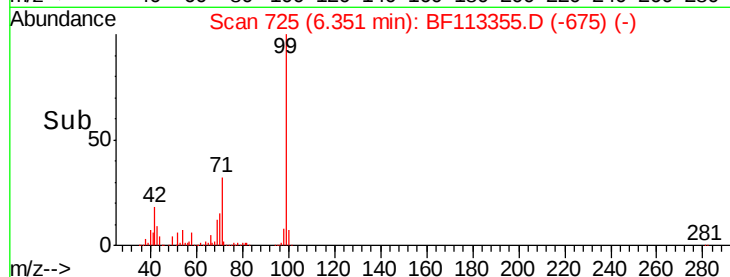
99 100

42 18.4 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: 14.630 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113355.D

Acq: 28 Mar 2019 4:04

Tgt Ion: 70 Resp: 119336

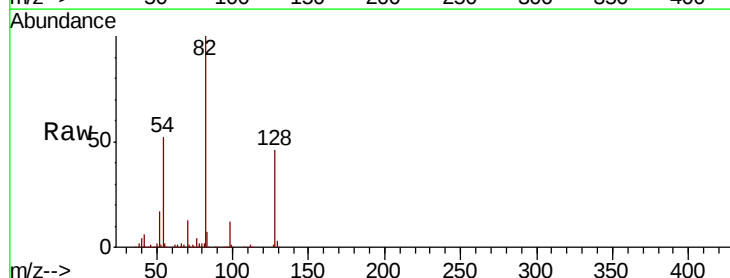
Ion Ratio Lower Upper

70 100

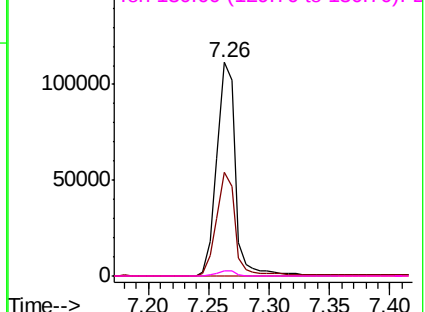
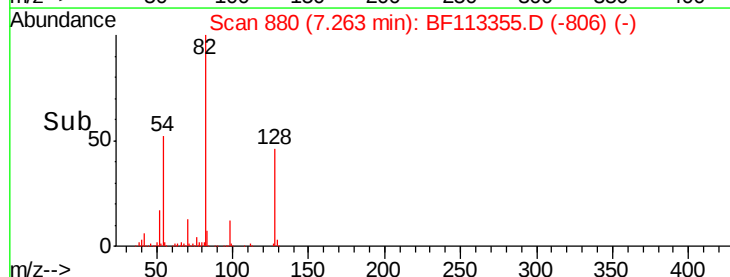
42 48.6 48.4 72.6

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

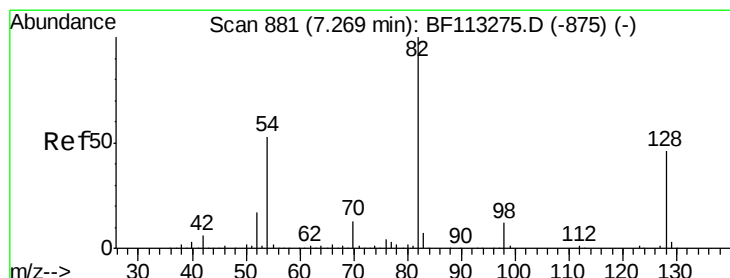
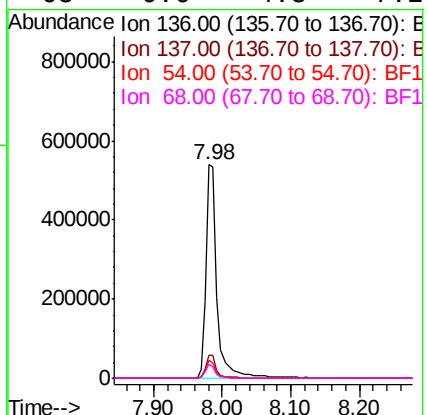
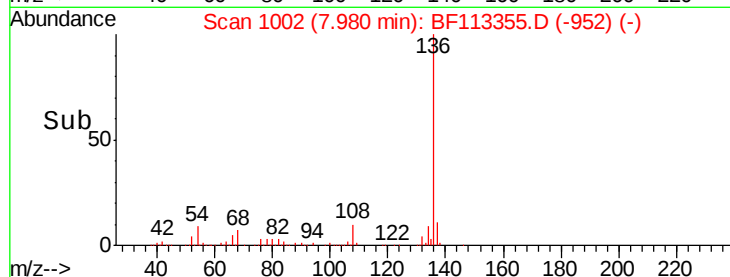
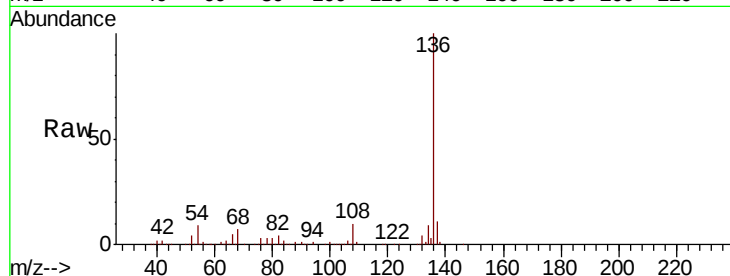




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113355.D
Acq: 28 Mar 2019 4:04

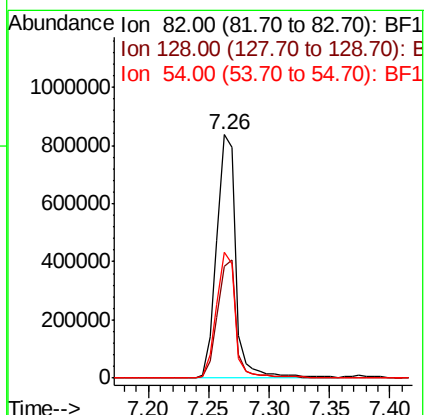
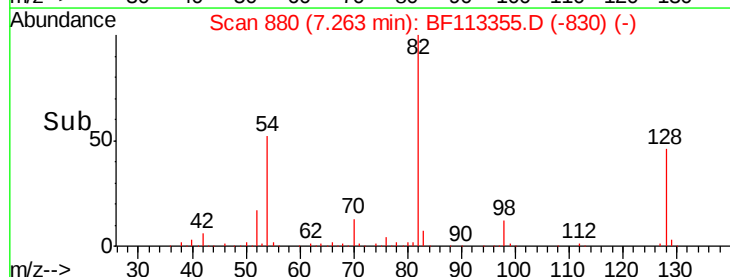
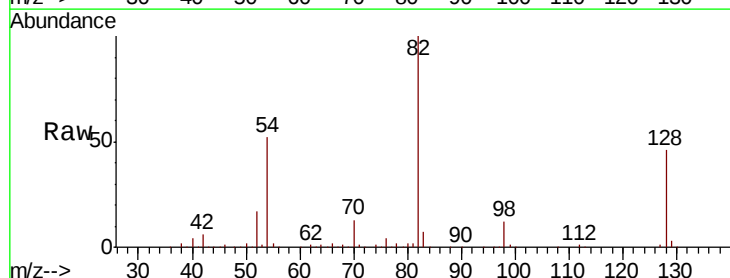
Instrument :
BNA_G
ClientSampleId :
CS-15

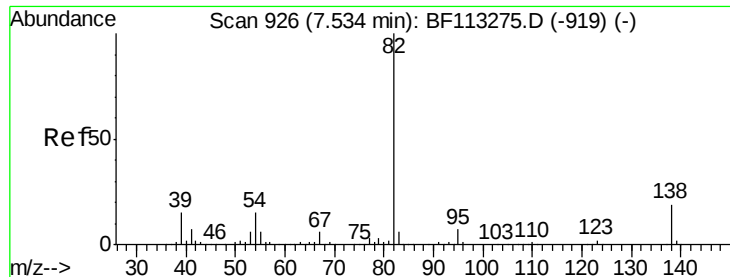
Tgt Ion:	136	Resp:	622282
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	7.0	10.6
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.404 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113355.D
Acq: 28 Mar 2019 4:04

Tgt Ion:	82	Resp:	916366
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.5	54.7
54	51.6	42.2	63.2

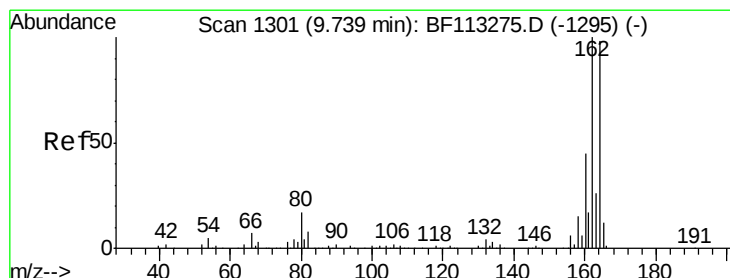
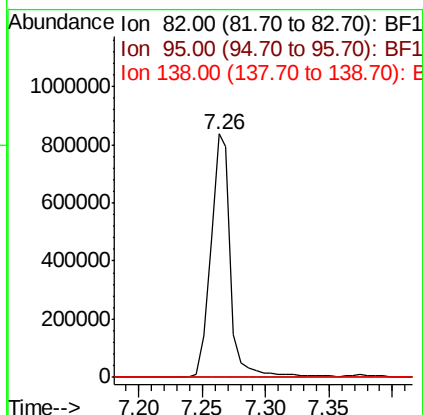
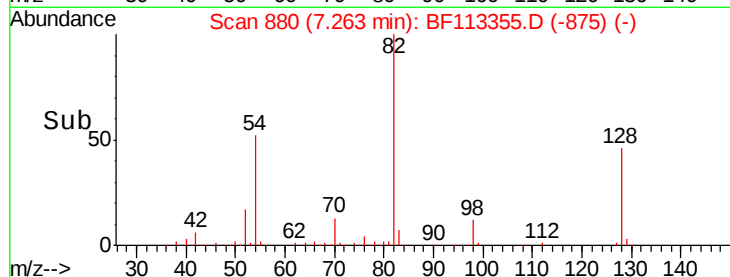
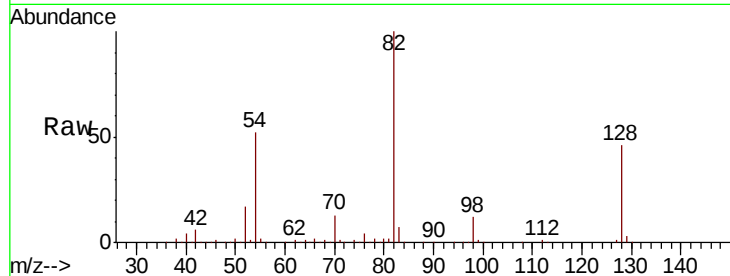




#25
Isophorone
Concen: 45.100 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113355.D
Acq: 28 Mar 2019 4:04

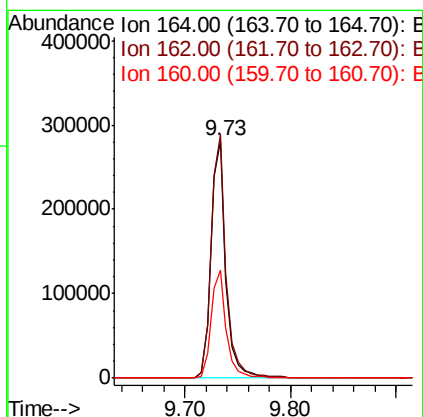
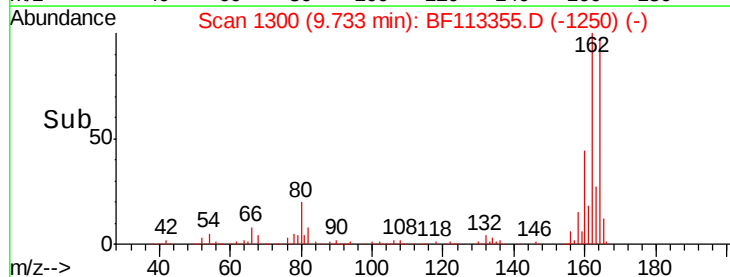
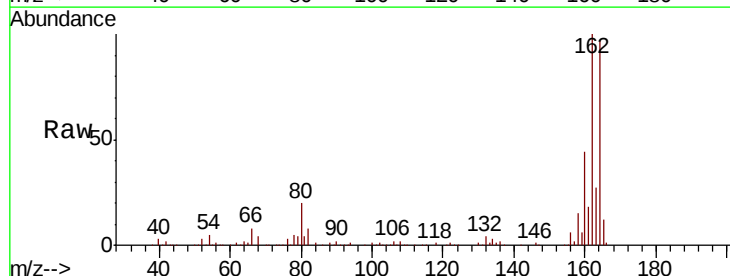
Instrument :
BNA_G
ClientSampled :
CS-15

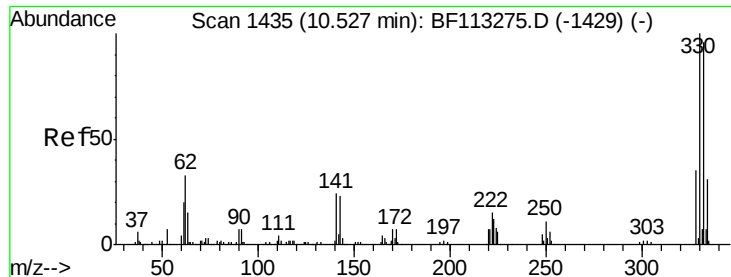
Tgt Ion: 82 Resp: 916354
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113355.D
Acq: 28 Mar 2019 4:04

Tgt Ion: 164 Resp: 278928
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 45.6 36.4 54.6

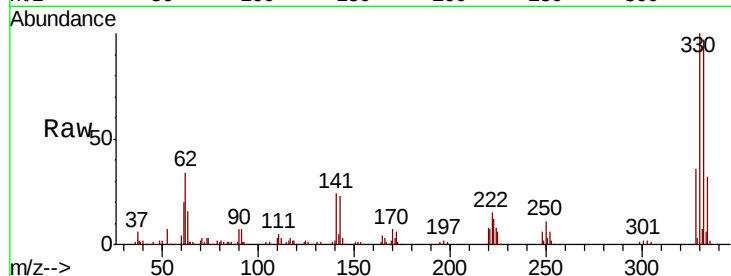




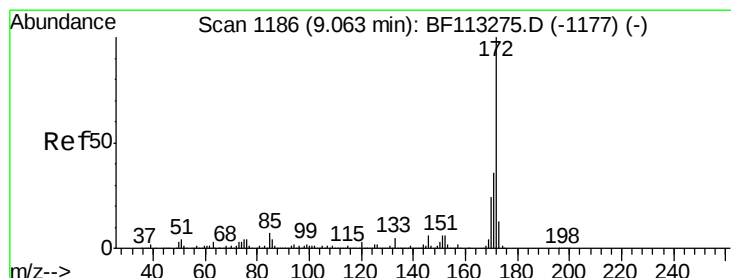
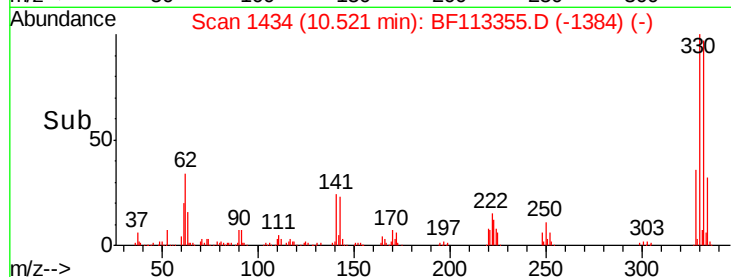
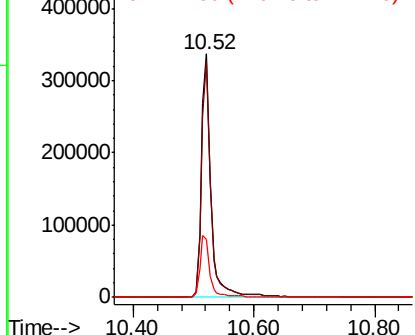
#42
 2,4,6-Tribromophenol
 Concen: 109.061 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

Instrument :
 BNA_G
 ClientSampleId :
 CS-15

Tgt Ion:330 Resp: 375759
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 27.2 22.7 34.1

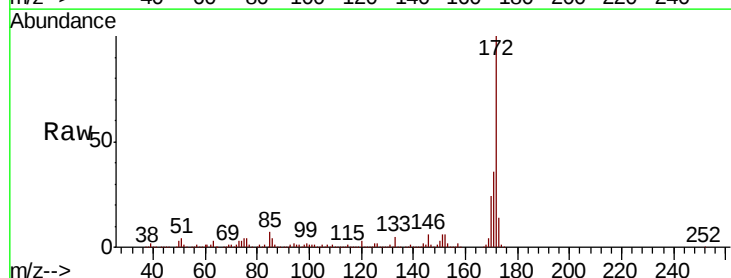


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

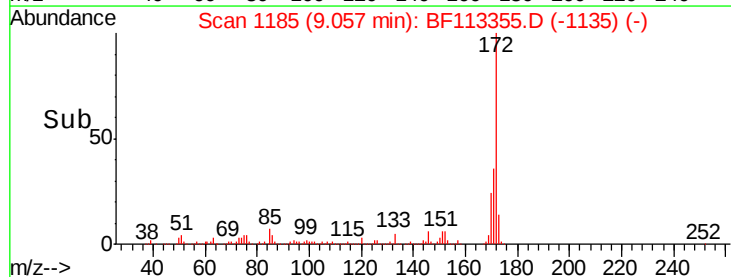
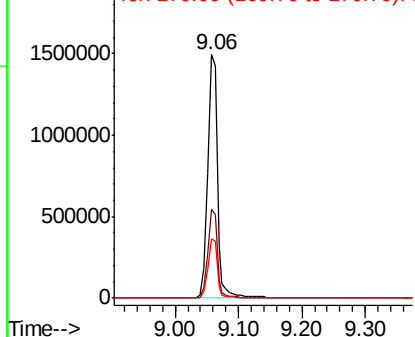


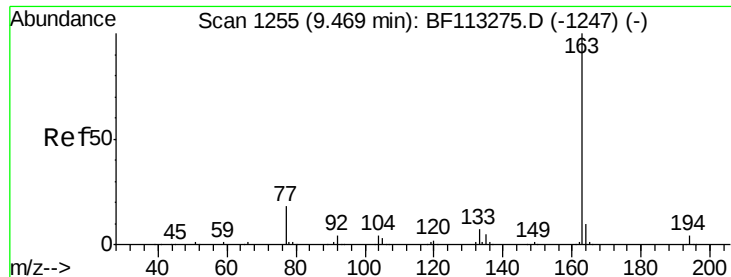
#45
 2-Fluorobiphenyl
 Concen: 92.146 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

Tgt Ion:172 Resp: 1613443
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.3 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

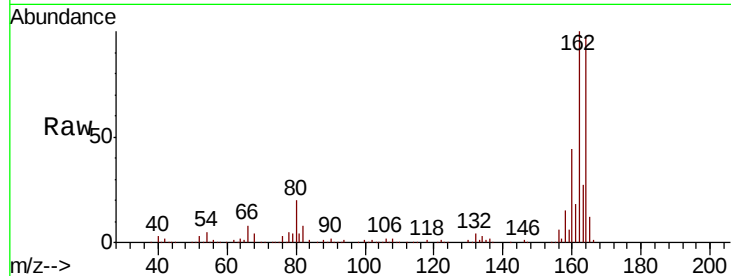




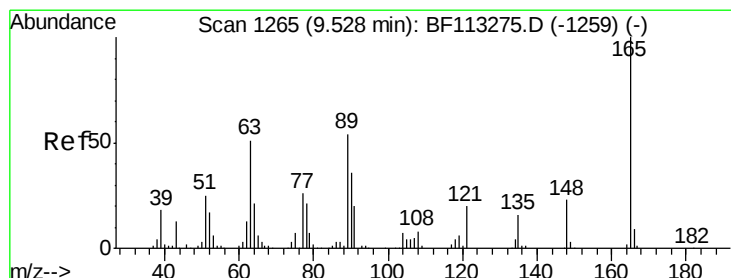
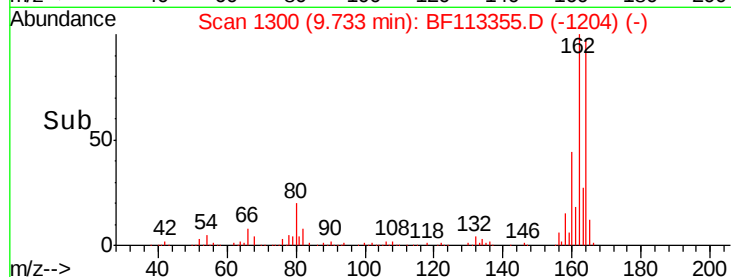
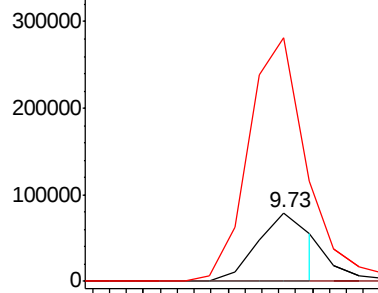
#50
 Dimethylphthalate
 Concen: 3.293 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.26 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

Instrument :
 BNA_G
 ClientSampleId :
 CS-15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	356.5	8.1	12.1#

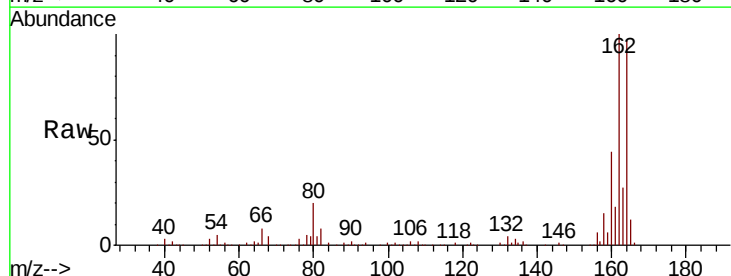


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

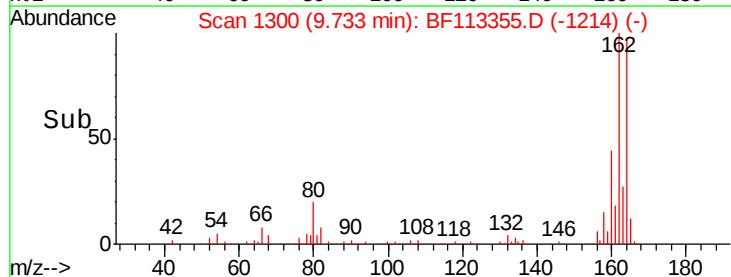
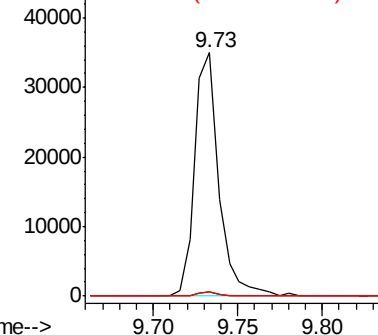


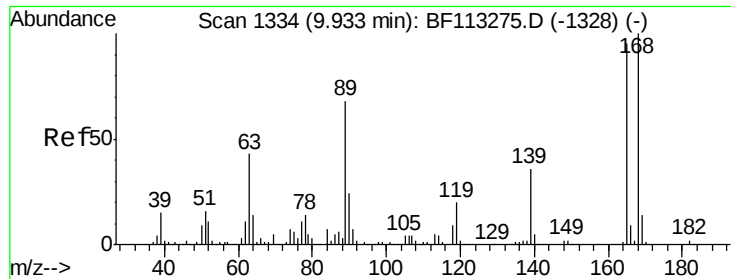
#51
 2,6-Dinitrotoluene
 Concen: 7.496 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.0#
89	1.9	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

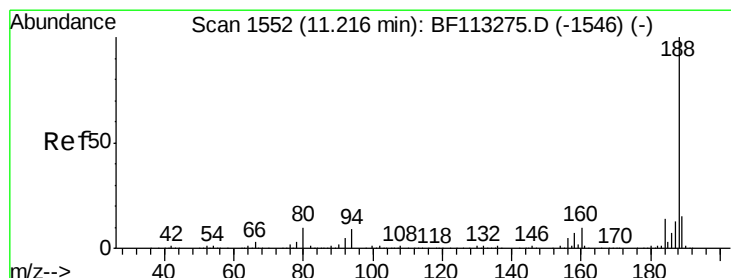
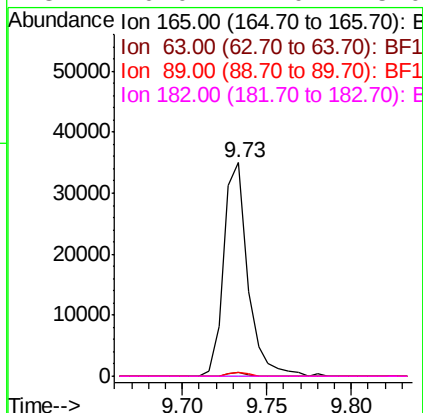
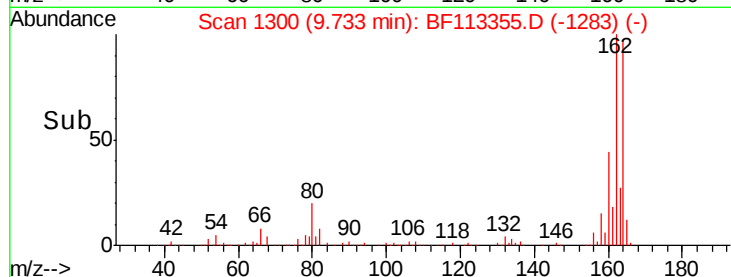
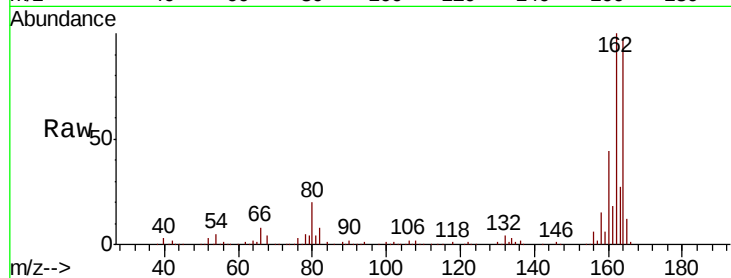




#57
 2,4-Dinitrotoluene
 Concen: 5.895 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

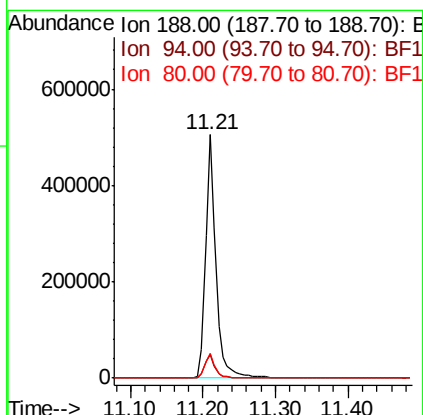
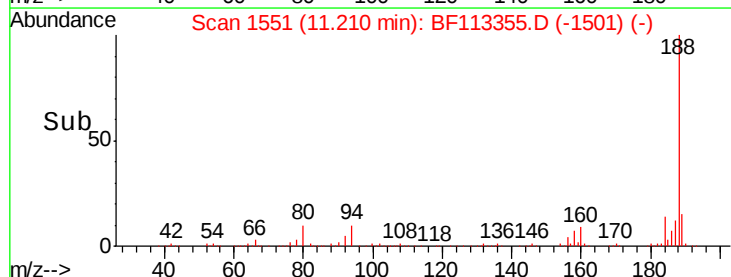
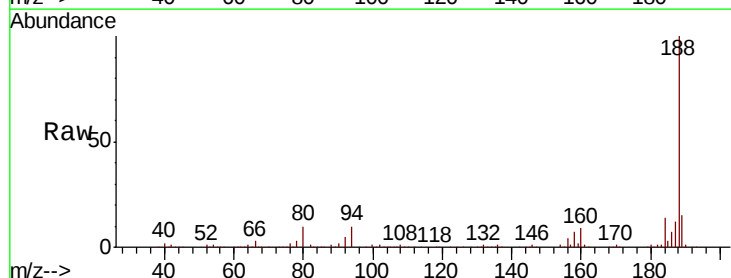
Instrument :
 BNA_G
 ClientSampleId :
 CS-15

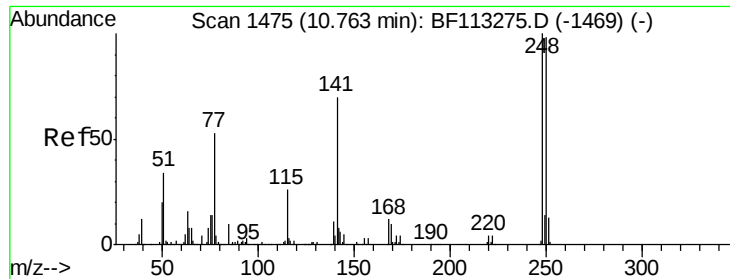
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	37.5	56.3#
89	1.9	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	10.0	7.7	11.5

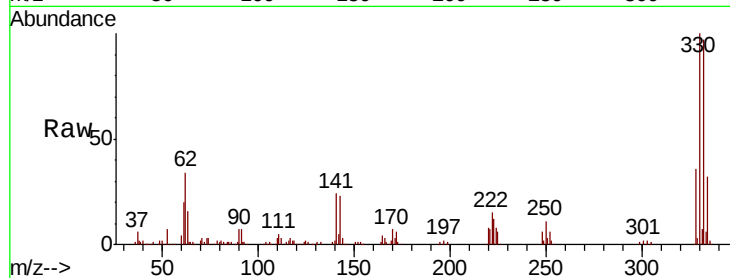




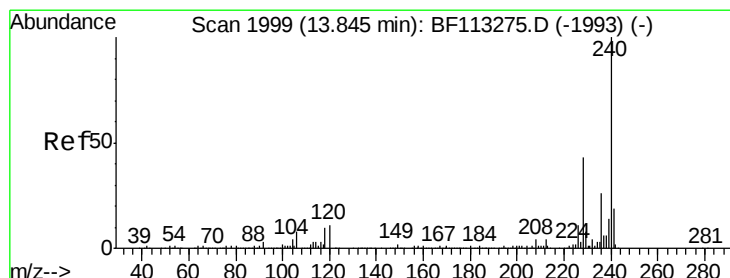
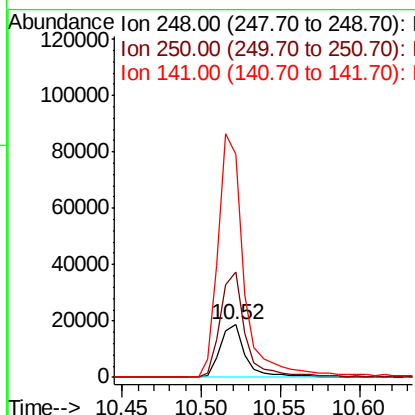
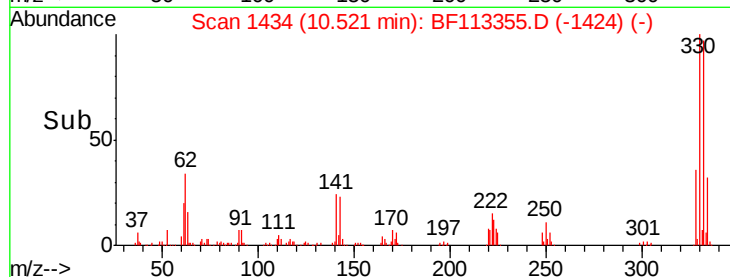
#67
 4-Bromophenyl-phenylether
 Concen: 3.804 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

Instrument :
 BNA_G
 ClientSampleId :
 CS-15

Tgt Ion:248 Resp: 20869
 Ion Ratio Lower Upper
 248 100
 250 199.5 78.3 117.5#
 141 423.8 56.2 84.4#

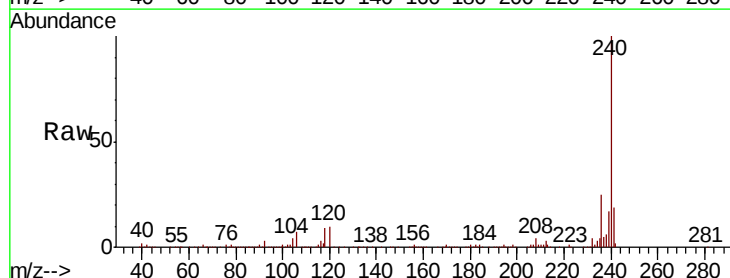


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

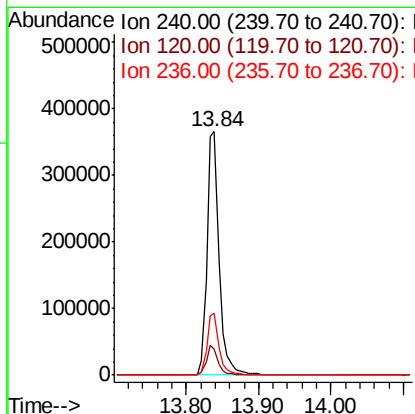
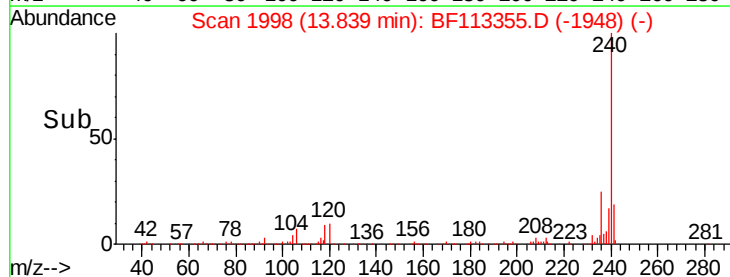


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

Tgt Ion:240 Resp: 425530
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.8 13.2
 236 25.3 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

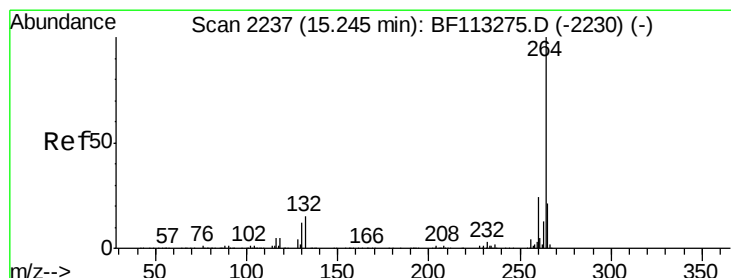
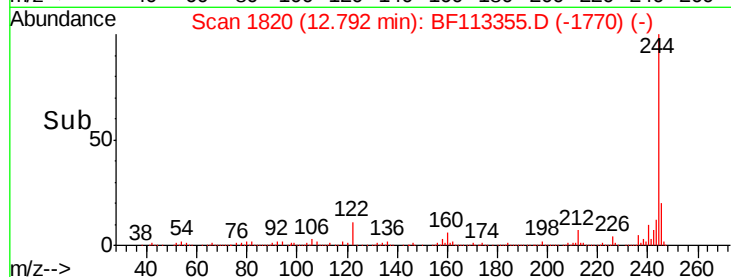
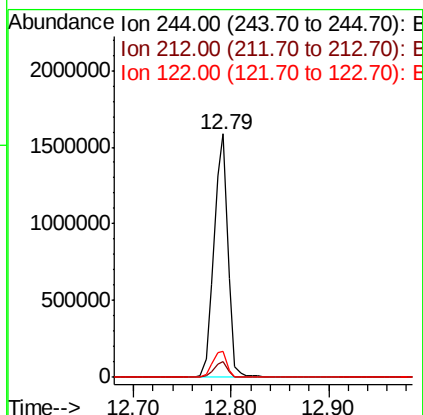
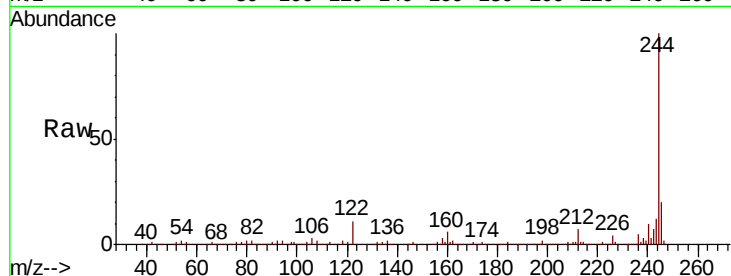




#79
 Terphenyl-d14
 Concen: 81.153 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

Instrument :
 BNA_G
 ClientSampleId :
 CS-15

Tgt Ion:244 Resp: 1566708
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.6 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: BF113355.D
 Acq: 28 Mar 2019 4:04

Tgt Ion:264 Resp: 326201
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.7 17.1 25.7

