

Data File : BG044634.D
Acq On : 2 Mar 2020 15:52
Operator : CG/JU
Sample : L1737-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-013-ABCD

Quant Time: Mar 03 06:14:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

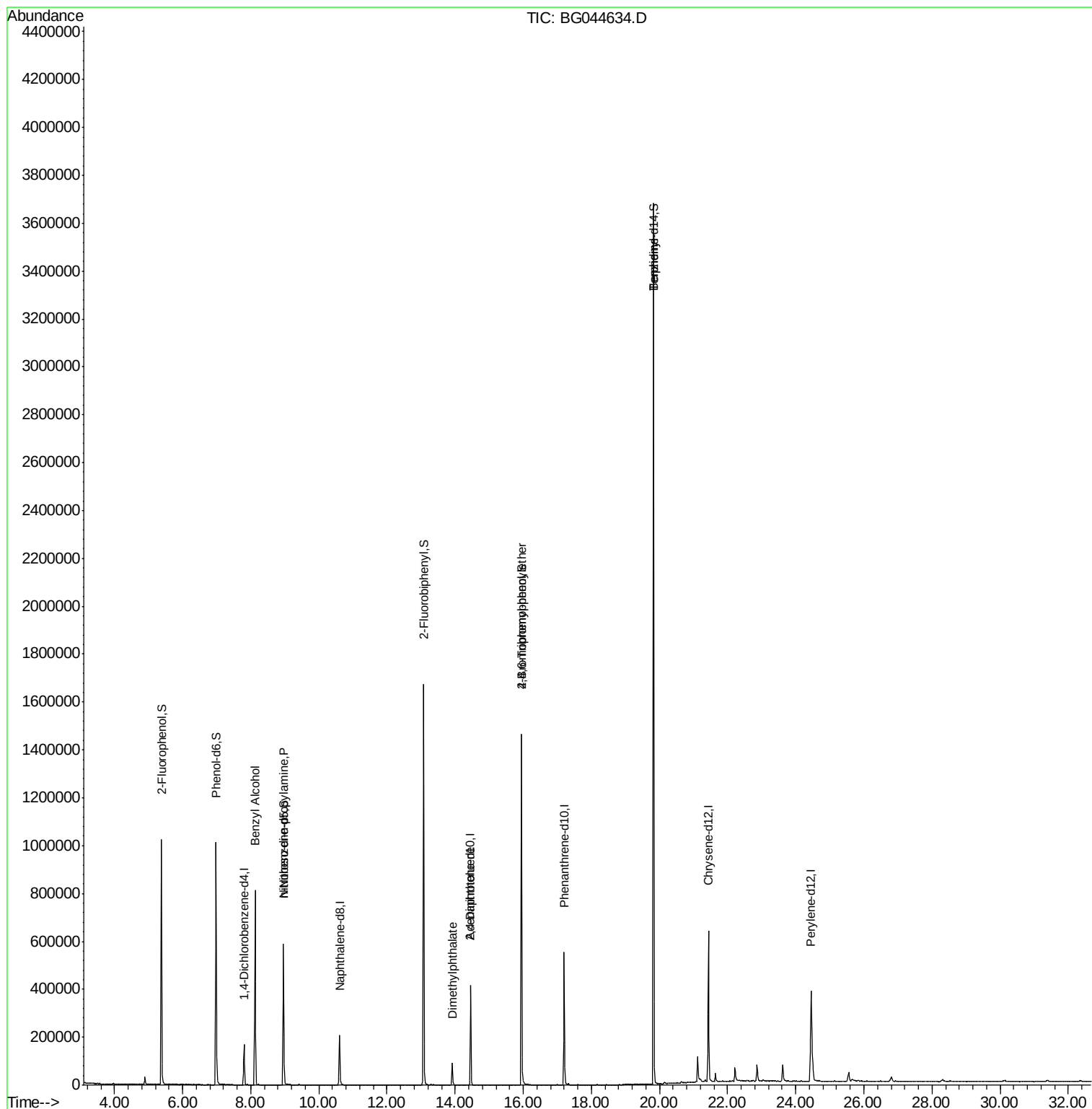
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	46062	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	208303	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	148180	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	361698	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	359766	20.00	ng	-0.07
87) Perylene-d12	24.45	264	399231	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	489865	170.63	ng	-0.07
7) Phenol-d6	6.98	99	643884	163.85	ng	-0.07
23) Nitrobenzene-d5	8.96	82	383232	94.78	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	301753	143.62	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	931553	90.02	ng	-0.06
79) Terphenyl-d14	19.82	244	1716301	90.31	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	8.13	79	6357	2.399	ng	# 46
19) n-Nitroso-di-n-propylamine	8.96	70	48999	19.398	ng	# 80
50) Dimethylphthalate	13.91	163	80040	6.692	ng	# 98
57) 2,4-Dinitrotoluene	14.45	165	19459	5.247	ng	# 30
67) 4-Bromophenyl-phenylether	15.95	248	20054	4.467	ng	# 1
77) Benzidine	19.82	184	26944	2.186	ng	# 93

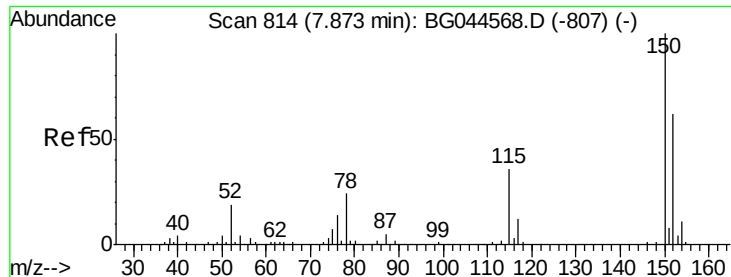
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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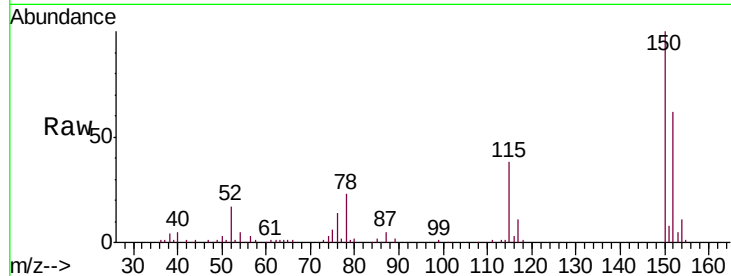


#1

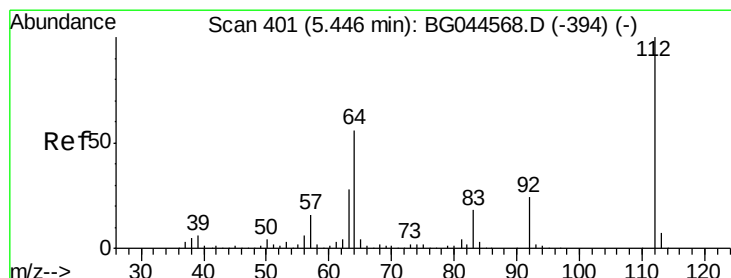
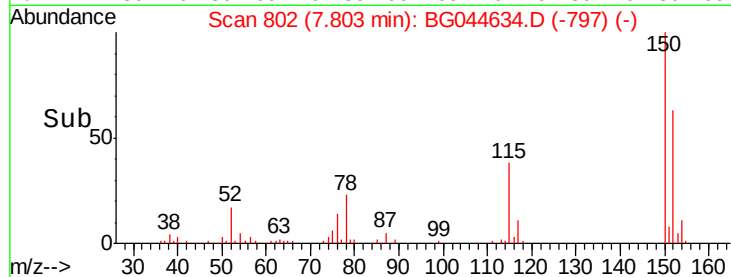
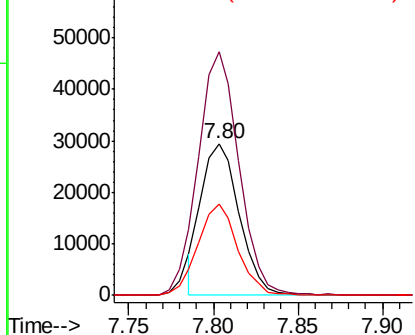
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.07 min
Lab File: BG044634.D
Acq: 2 Mar 2020 15:52

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-013-ABCD

Tgt Ion:152 Resp: 46062
Ion Ratio Lower Upper
152 100
150 160.7 128.9 193.3
115 60.7 47.0 70.4



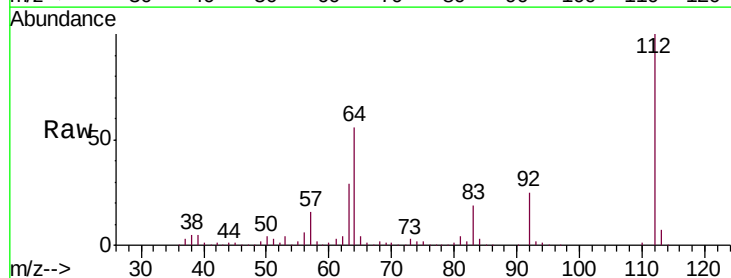
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



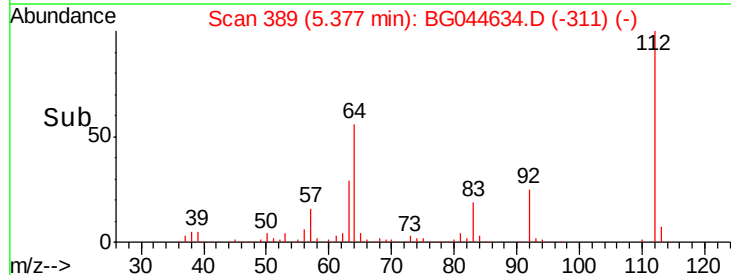
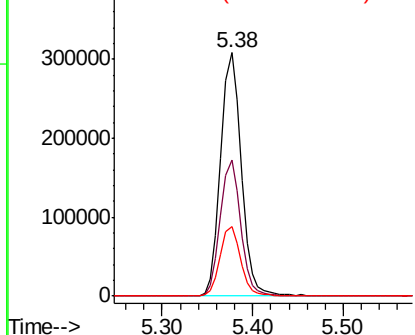
#5

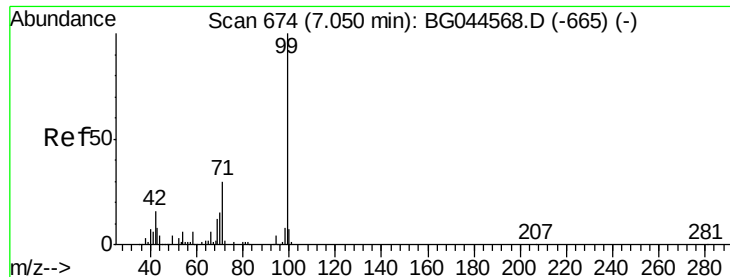
2-Fluorophenol
Concen: 170.634 ng
RT: 5.38 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044634.D
Acq: 2 Mar 2020 15:52

Tgt Ion:112 Resp: 489865
Ion Ratio Lower Upper
112 100
64 56.1 44.8 67.2
63 28.7 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 163.853 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044634.D

Acq: 2 Mar 2020 15:52

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-013-ABCD

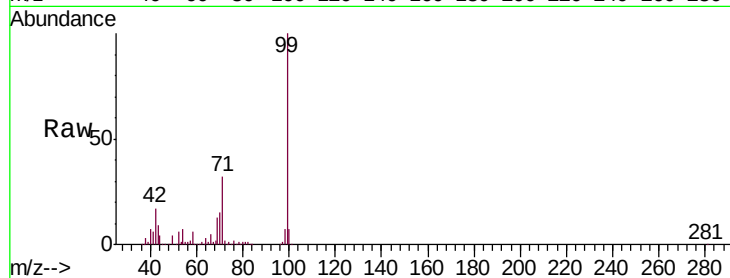
Tgt Ion: 99 Resp: 643884

Ion Ratio Lower Upper

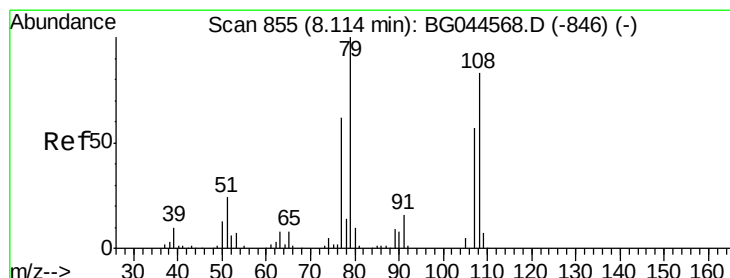
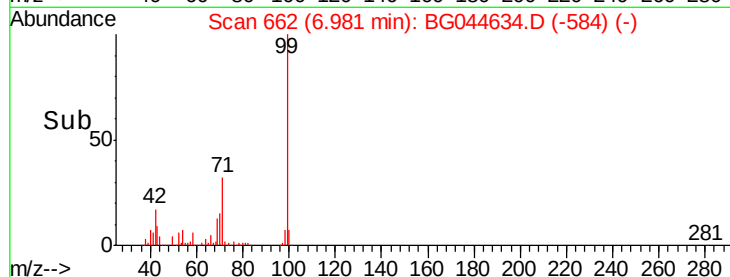
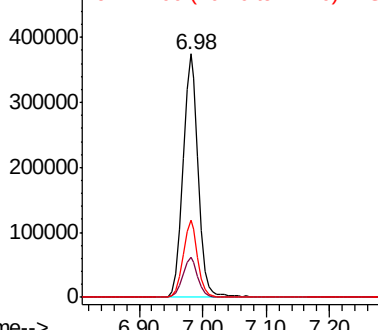
99 100

42 16.6 12.8 19.2

71 31.6 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.399 ng

RT: 8.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BG044634.D

Acq: 2 Mar 2020 15:52

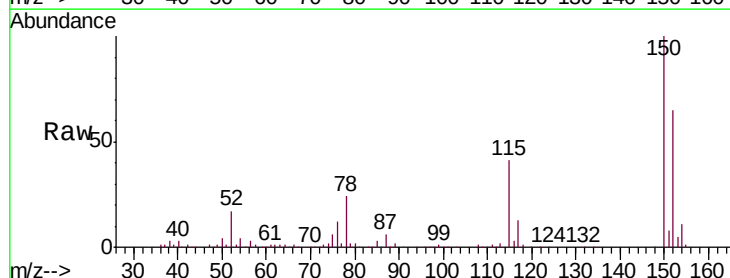
Tgt Ion: 79 Resp: 6357

Ion Ratio Lower Upper

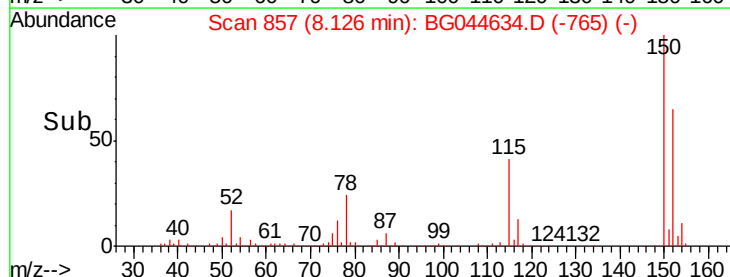
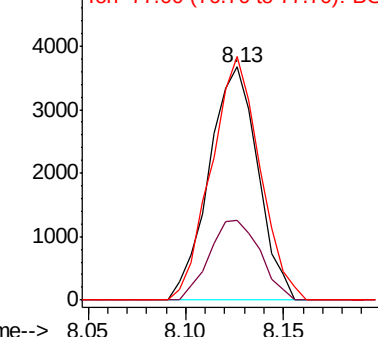
79 100

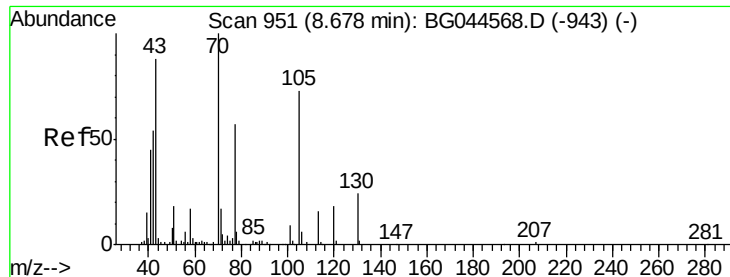
108 34.2 66.0 99.0#

77 104.5 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

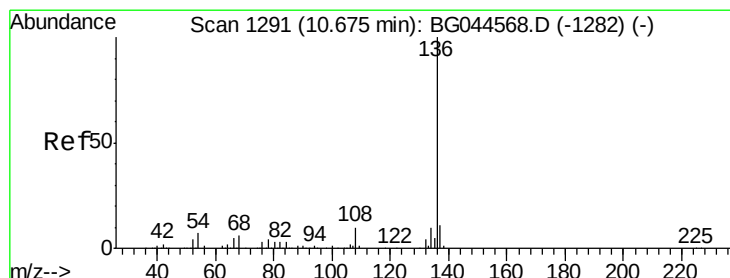
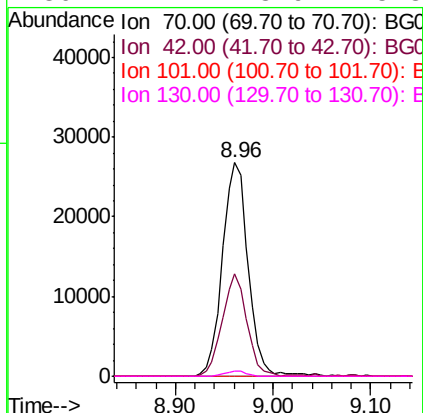
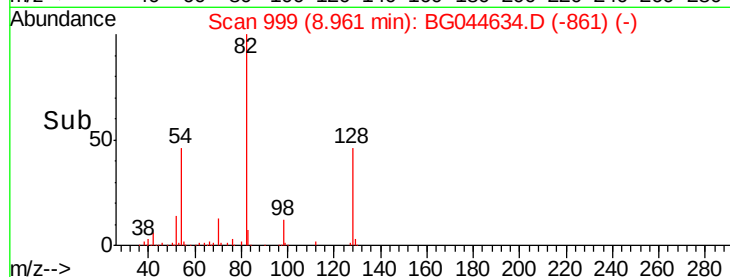
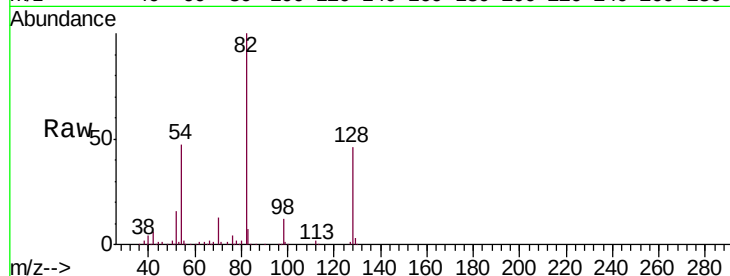




#19
n-Nitroso-di-n-propylamine
Concen: 19.398 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.28 min
Lab File: BG044634.D
Acq: 2 Mar 2020 15:52

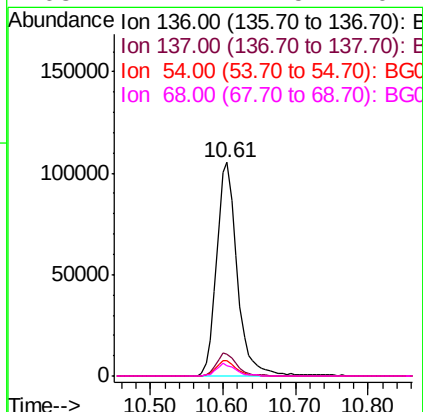
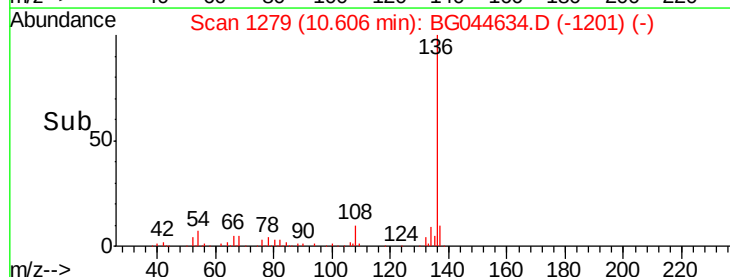
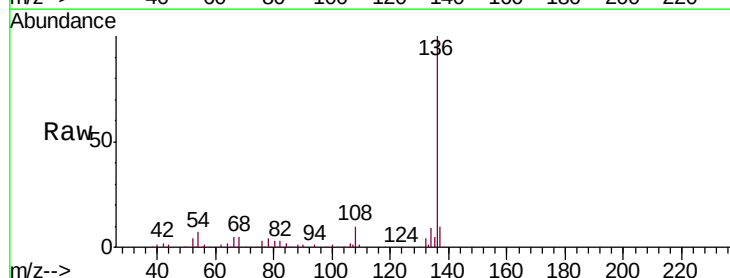
Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-013-ABCD

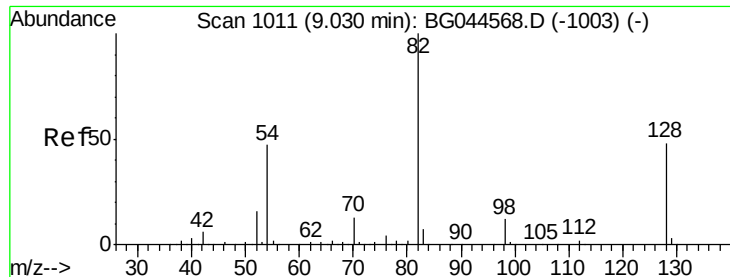
Tgt Ion:	70	Resp:	48999
Ion	Ratio	Lower	Upper
70	100		
42	47.8	43.4	65.0
101	0.0	7.5	11.3#
130	2.7	18.9	28.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044634.D
Acq: 2 Mar 2020 15:52

Tgt Ion:	136	Resp:	208303
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.0	5.7	8.5
68	4.7	4.5	6.7





#23

Nitrobenzene-d5

Concen: 94.783 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.07 min

Lab File: BG044634.D

Acq: 2 Mar 2020 15:52

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-013-ABCD

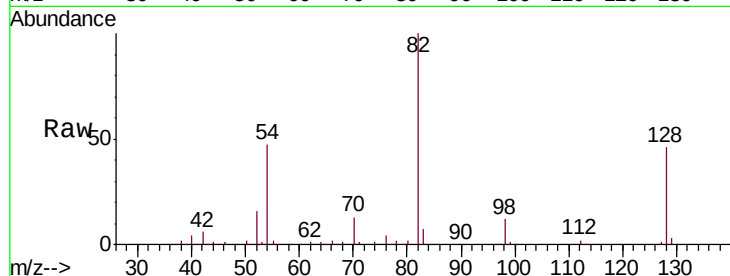
Tgt Ion: 82 Resp: 383232

Ion Ratio Lower Upper

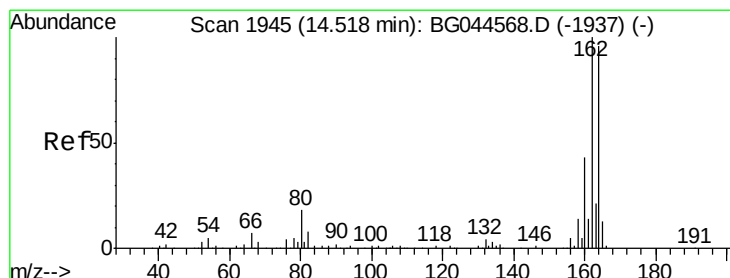
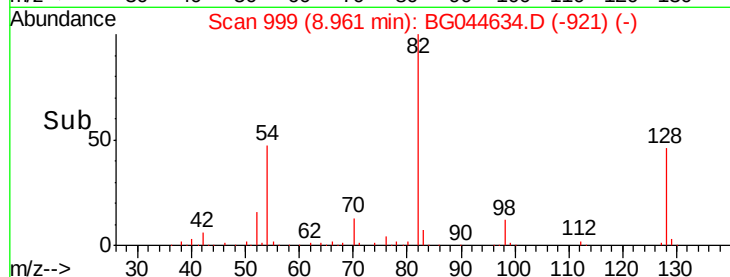
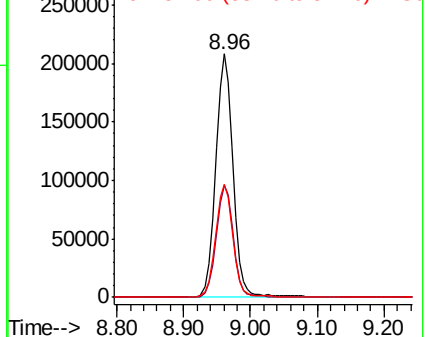
82 100

128 45.8 38.1 57.1

54 46.5 37.5 56.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.06 min

Lab File: BG044634.D

Acq: 2 Mar 2020 15:52

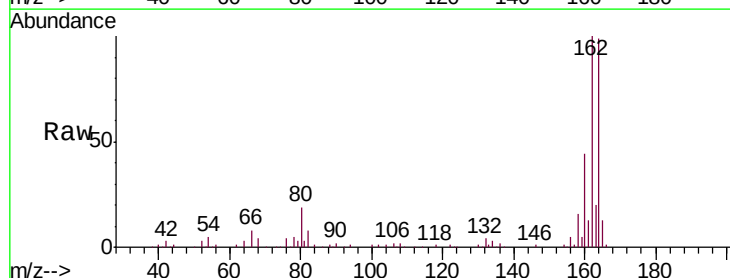
Tgt Ion: 164 Resp: 148180

Ion Ratio Lower Upper

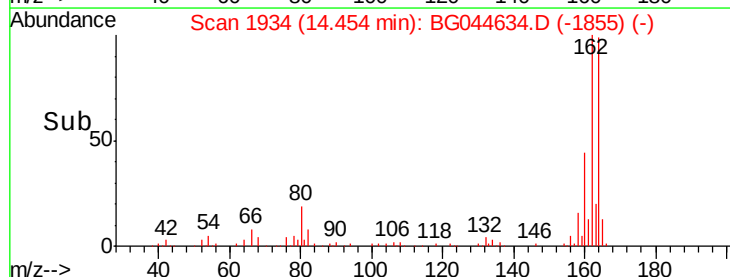
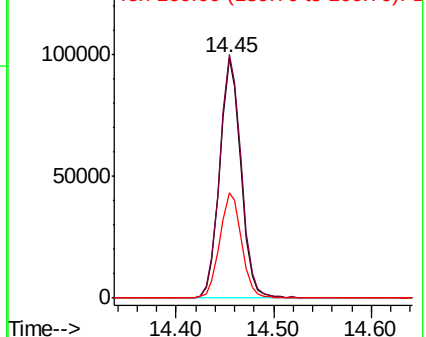
164 100

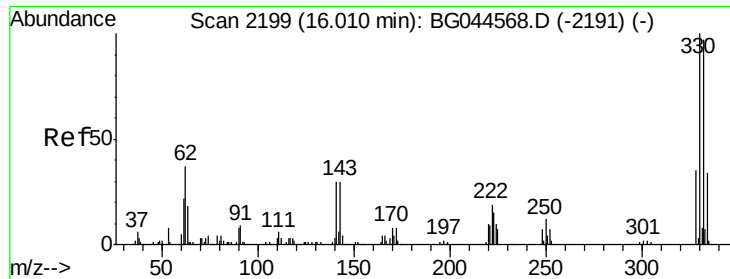
162 101.5 83.6 125.4

160 44.2 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

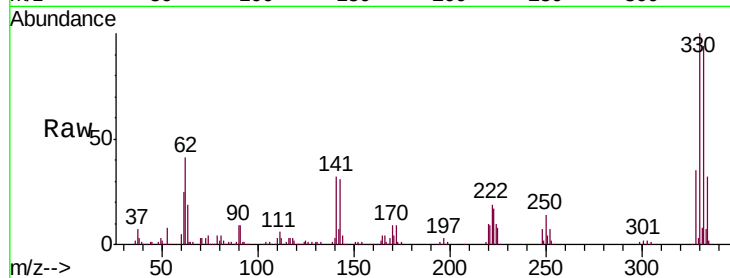




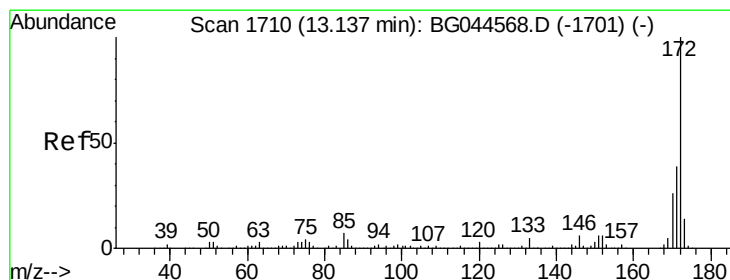
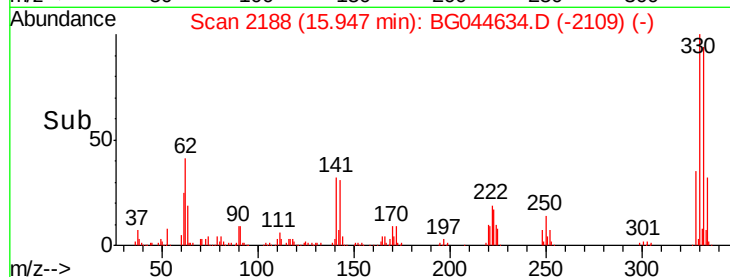
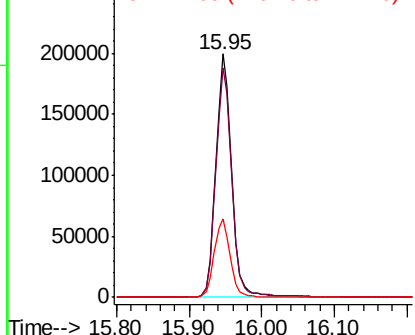
#42
 2,4,6-Tribromophenol
 Concen: 143.618 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.06 min
 Lab File: BG044634.D
 Acq: 2 Mar 2020 15:52

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-03-013-ABCD

Tgt Ion:330 Resp: 301753
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.0
 141 32.7 26.1 39.1

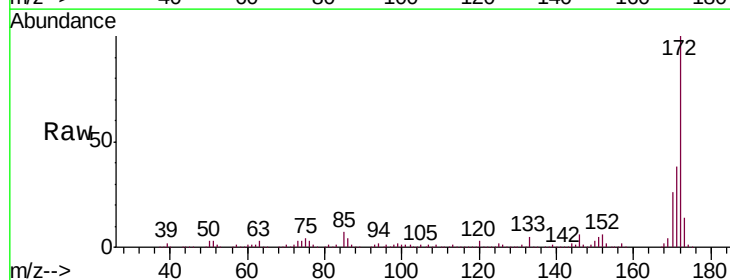


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

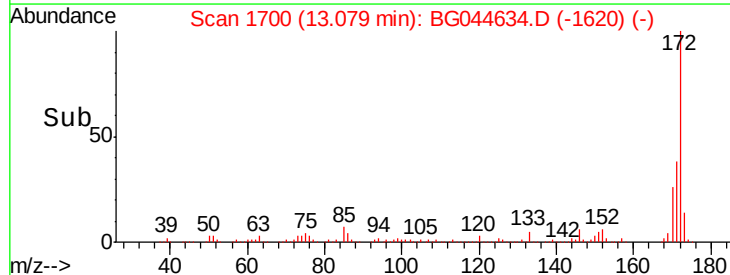
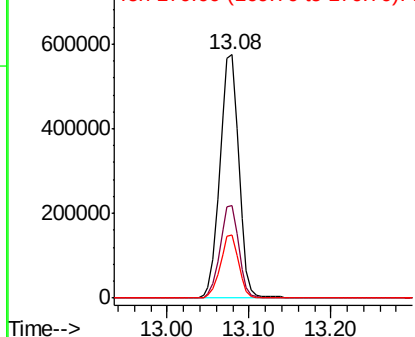


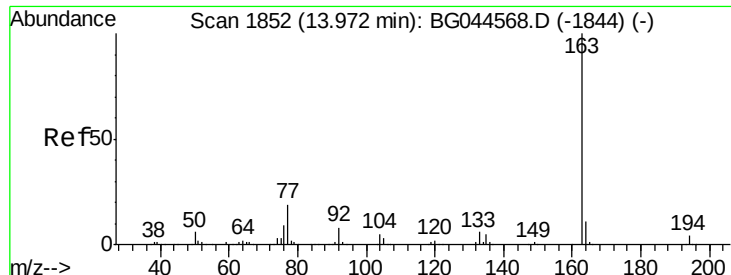
#45
 2-Fluorobiphenyl
 Concen: 90.024 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044634.D
 Acq: 2 Mar 2020 15:52

Tgt Ion:172 Resp: 931553
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 25.7 21.0 31.4



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: 6.692 ng

RT: 13.91 min Scan# 1842

Delta R.T. -0.06 min

Lab File: BG044634.D

Acq: 2 Mar 2020 15:52

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-013-ABCD

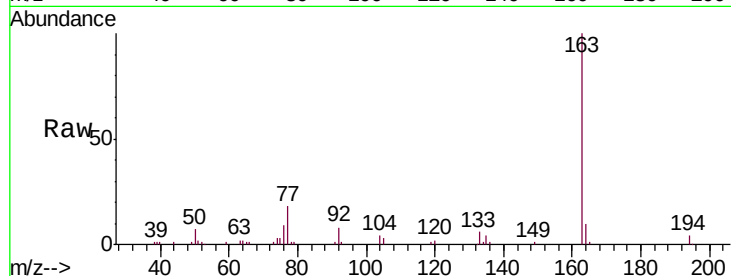
Tgt Ion:163 Resp: 80040

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

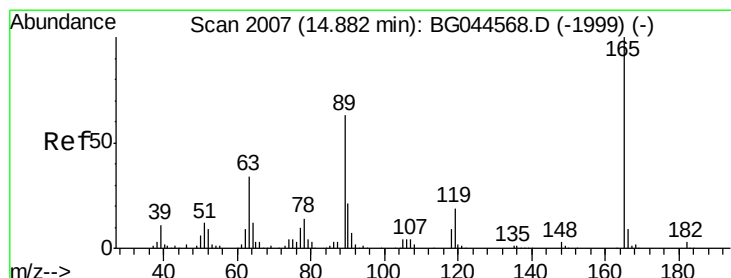
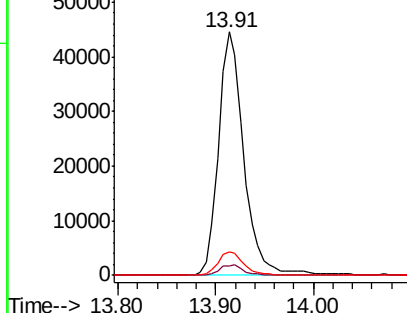
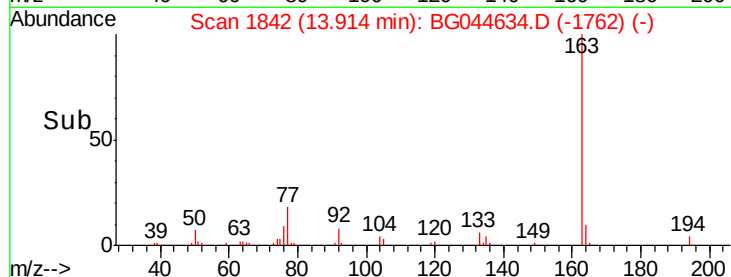
164 9.9 8.7 13.1



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



#57

2,4-Dinitrotoluene

Concen: 5.247 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.43 min

Lab File: BG044634.D

Acq: 2 Mar 2020 15:52

Tgt Ion:165 Resp: 19459

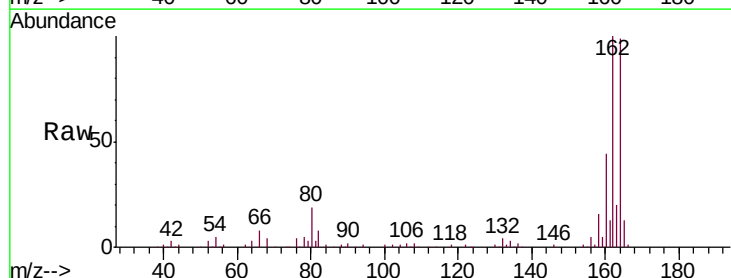
Ion Ratio Lower Upper

165 100

63 0.0 27.5 41.3#

89 2.1 50.0 75.0#

182 0.0 2.3 3.5#

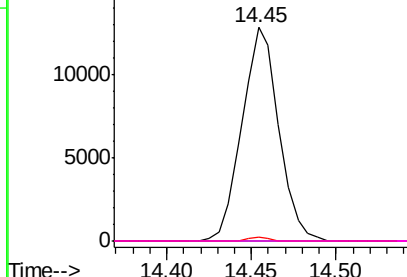
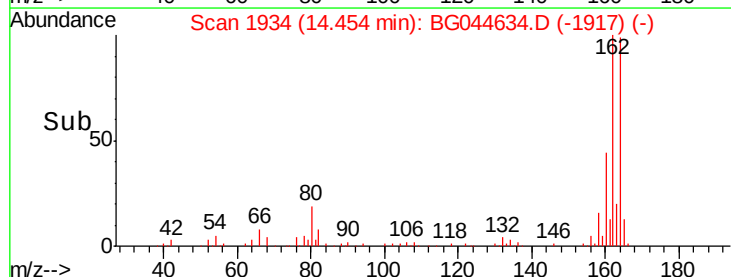


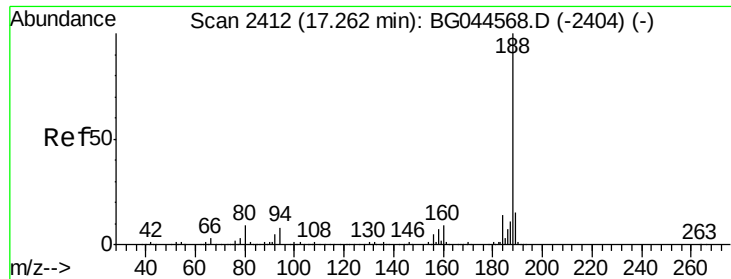
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

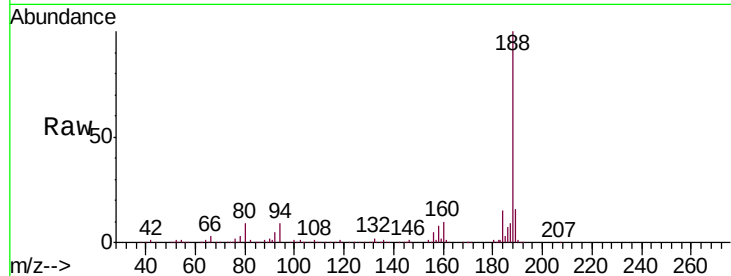




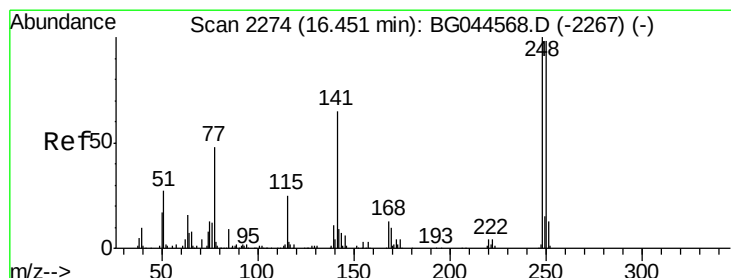
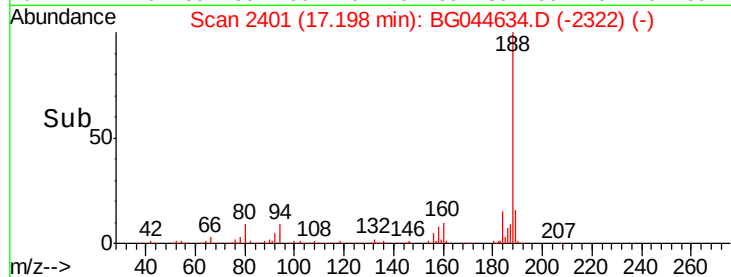
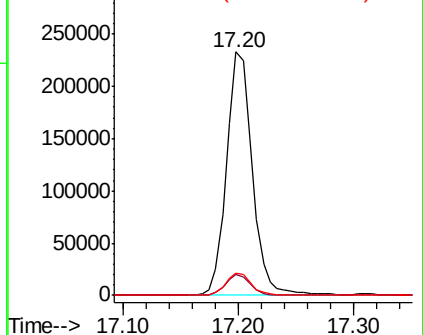
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2401
Delta R.T. -0.06 min
Lab File: BG044634.D
Acq: 2 Mar 2020 15:52

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-013-ABCD

Tgt Ion:188 Resp: 361698
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.0 7.6 11.4

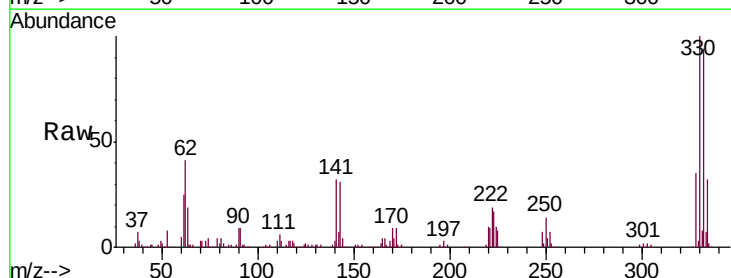


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

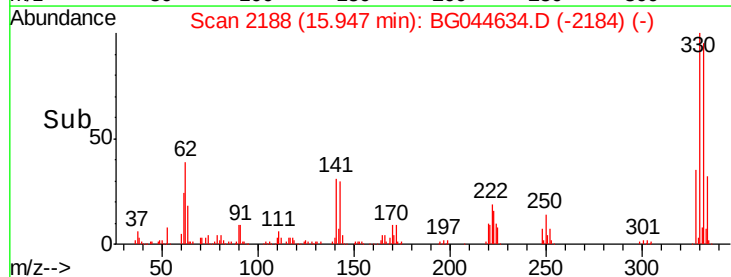
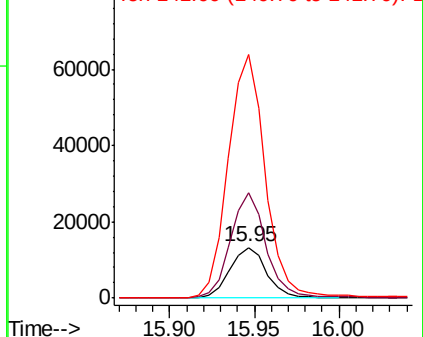


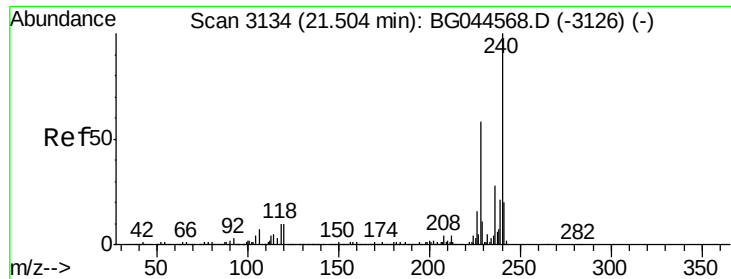
#67
4-Bromophenyl-phenylether
Concen: 4.467 ng
RT: 15.95 min Scan# 2188
Delta R.T. -0.50 min
Lab File: BG044634.D
Acq: 2 Mar 2020 15:52

Tgt Ion:248 Resp: 20054
Ion Ratio Lower Upper
248 100
250 207.5 78.7 118.1#
141 481.6 52.3 78.5#



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

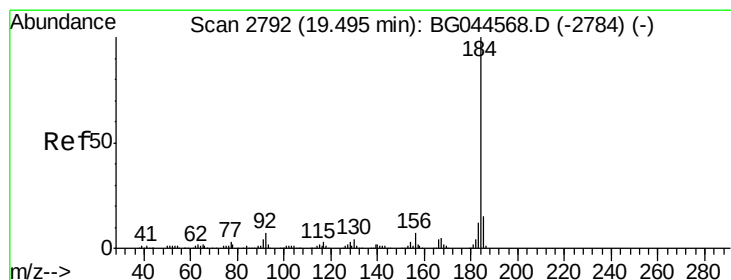
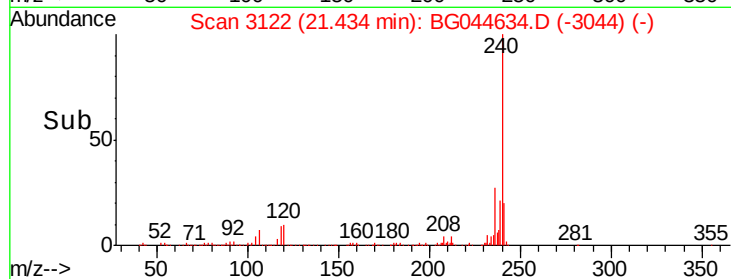
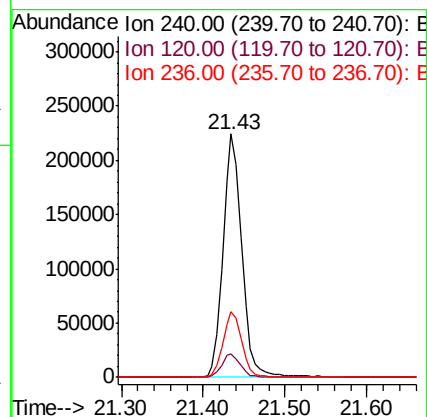
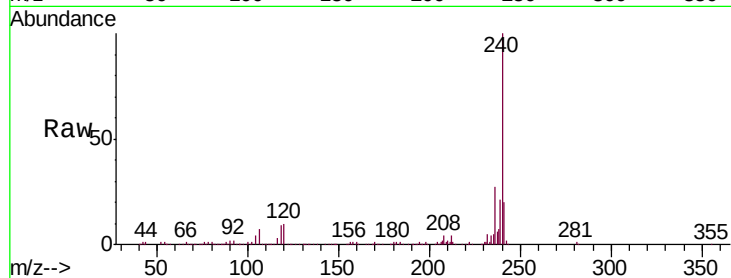




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044634.D
Acq: 2 Mar 2020 15:52

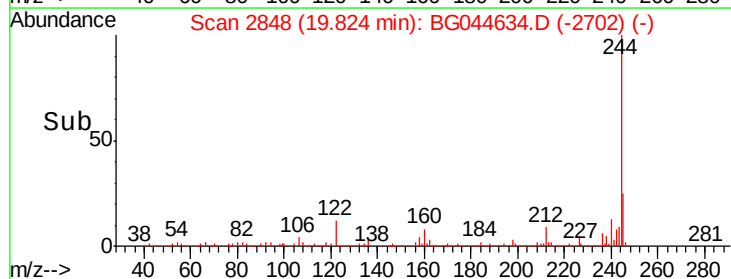
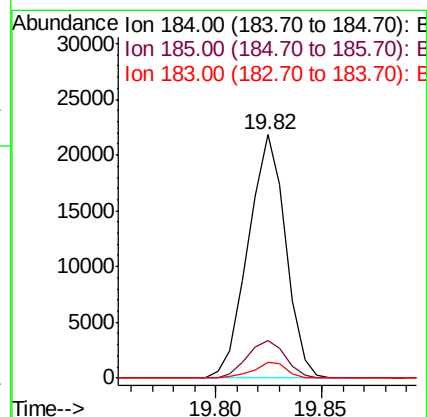
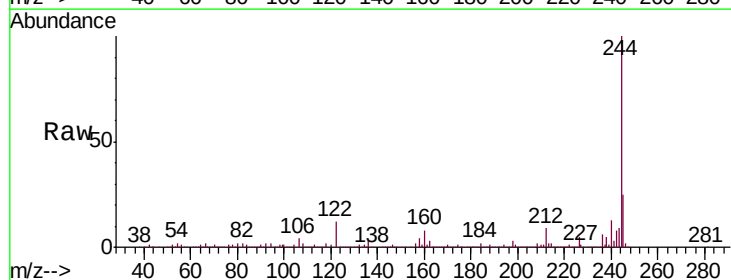
Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-013-ABCD

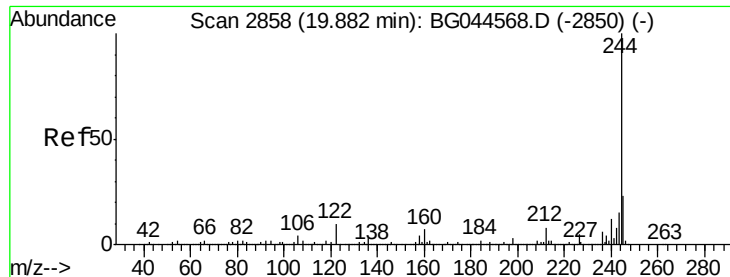
Tgt Ion:240 Resp: 359766
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 27.2 22.3 33.5



#77
Benzidine
Concen: 2.186 ng
RT: 19.82 min Scan# 2848
Delta R.T. 0.33 min
Lab File: BG044634.D
Acq: 2 Mar 2020 15:52

Tgt Ion:184 Resp: 26944
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.4
183 6.7 9.9 14.9#





#79

Terphenyl-d14

Concen: 90.311 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044634.D

Acq: 2 Mar 2020 15:52

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-013-ABCD

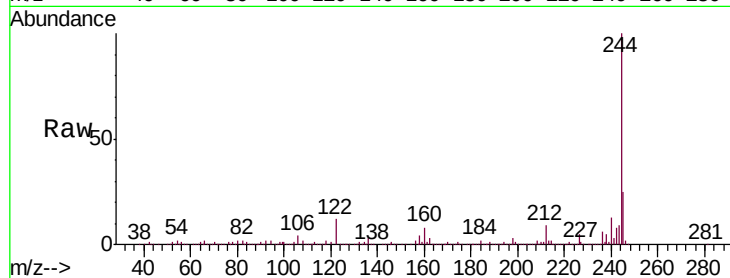
Tgt Ion:244 Resp: 1716301

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

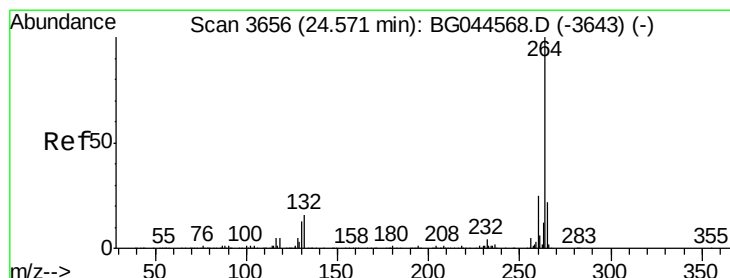
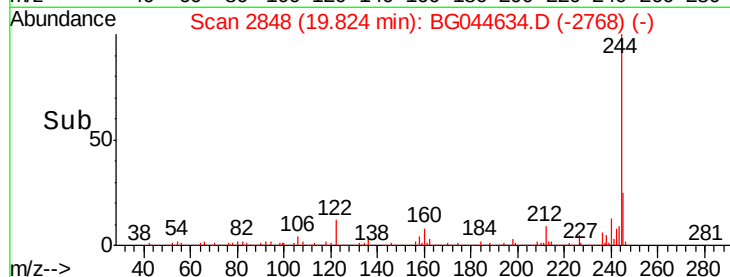
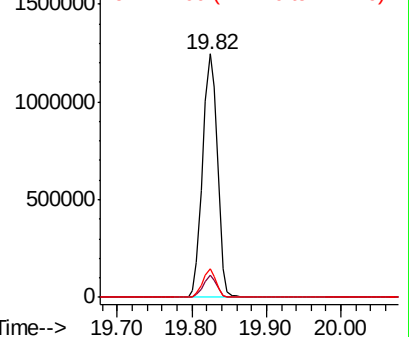
122 11.7 8.2 12.4



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: 24.45 min Scan# 3636

Delta R.T. -0.12 min

Lab File: BG044634.D

Acq: 2 Mar 2020 15:52

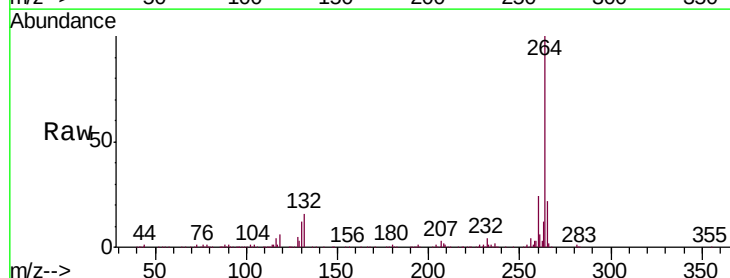
Tgt Ion:264 Resp: 399231

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.8 17.8 26.8



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

