

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039544.D
 Acq On : 18 Feb 2019 18:06
 Operator : JU/SJ
 Sample : K1514-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-004-CLEARBROOK-PILE-1

Quant Time: Feb 19 00:58:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

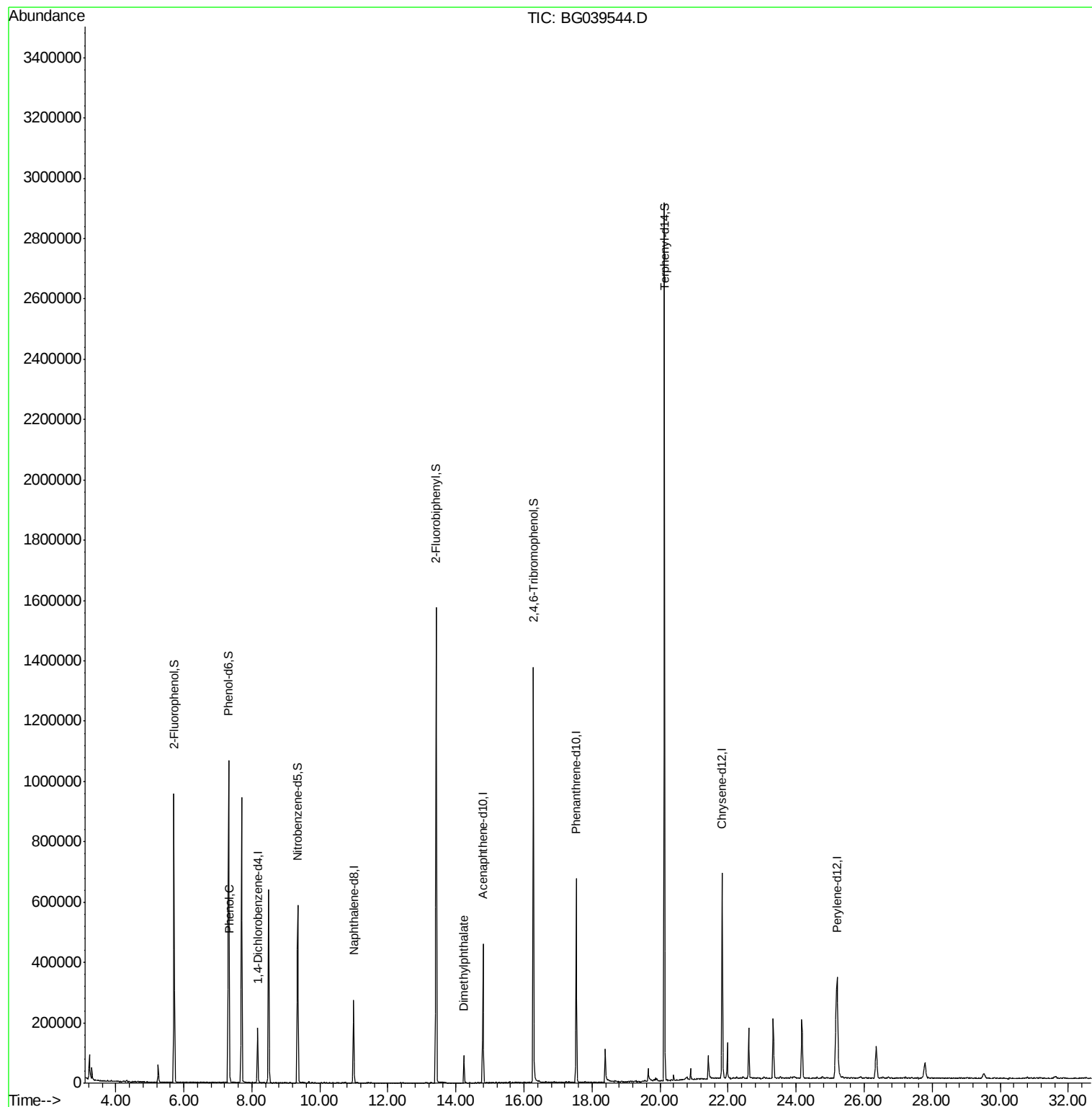
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	52161	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	236693	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	167016	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	416168	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	427165	20.00	ng	-0.02
87) Perylene-d12	25.20	264	408314	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	406102	133.25	ng	0.00
7) Phenol-d6	7.31	99	616909	137.52	ng	0.00
23) Nitrobenzene-d5	9.35	82	355718	93.89	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	249940	138.97	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	854435	73.39	ng	-0.02
79) Terphenyl-d14	20.13	244	1376305	68.20	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	18157	3.883	ng	86
50) Dimethylphthalate	14.23	163	64860	4.808	ng	99

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

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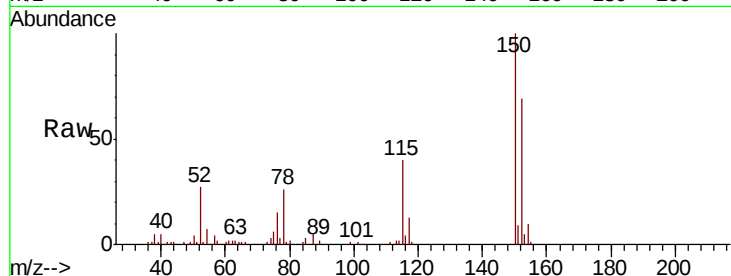


#1

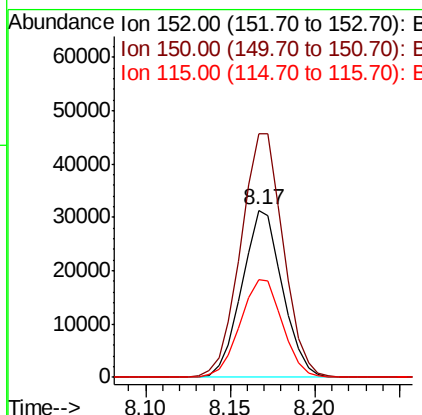
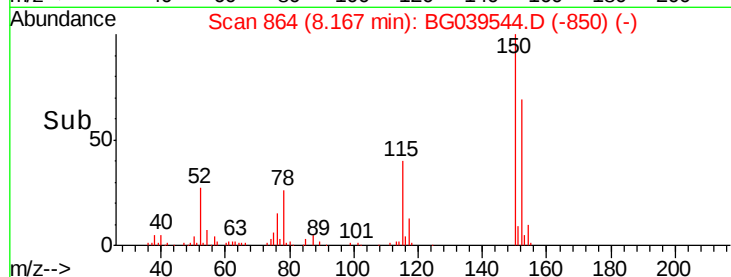
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tot Ion:152 Resp: 52161
Ion Ratio Lower Upper
152 100
150 145.4 123.7 185.5
115 58.2 45.9 68.9



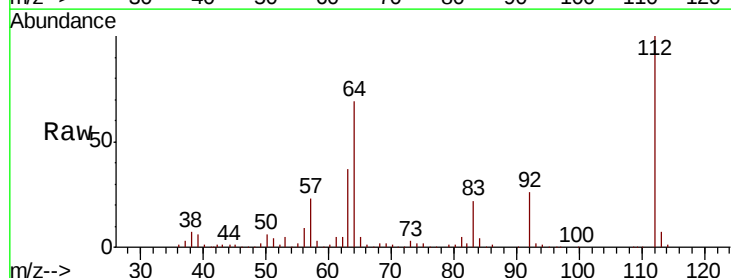
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



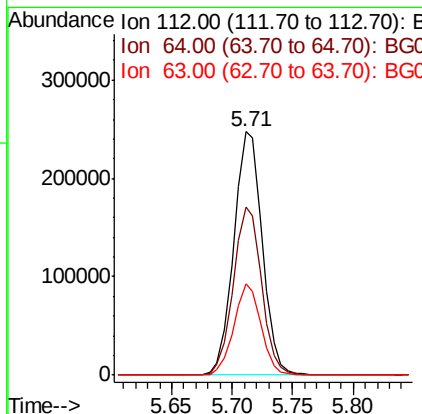
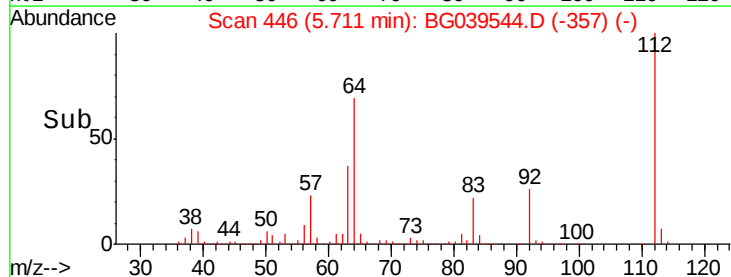
#5

2-Fluorophenol
Concen: 133.250 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:112 Resp: 406102
Ion Ratio Lower Upper
112 100
64 69.2 57.8 86.8
63 37.4 29.8 44.6



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: 137.516 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039544.D

Acq: 18 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

FK-BPM-004-CLEARBROOK-PILE-1

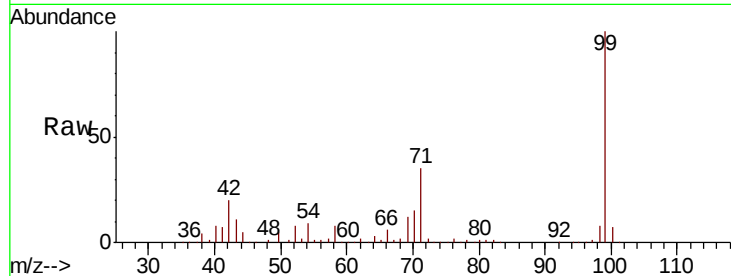
Tot Ion: 99 Resp: 616909

Ion Ratio Lower Upper

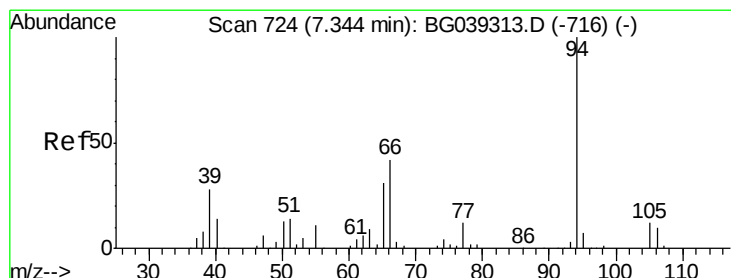
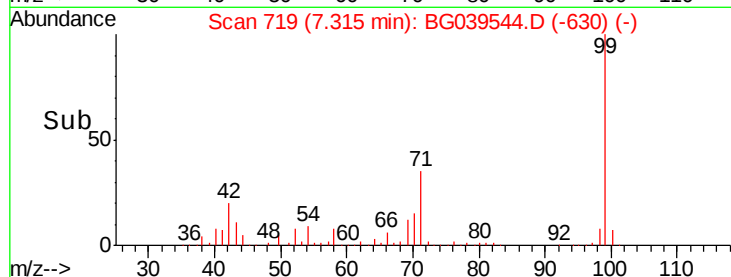
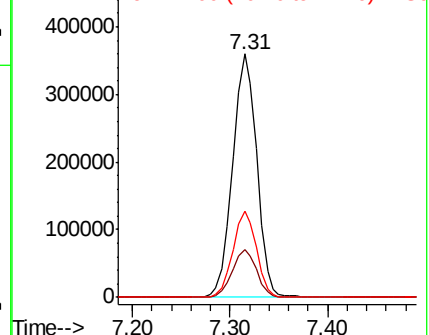
99 100

42 19.9 18.2 27.2

71 35.5 28.0 42.0



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



#10

Phenol

Concen: 3.883 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039544.D

Acq: 18 Feb 2019 18:06

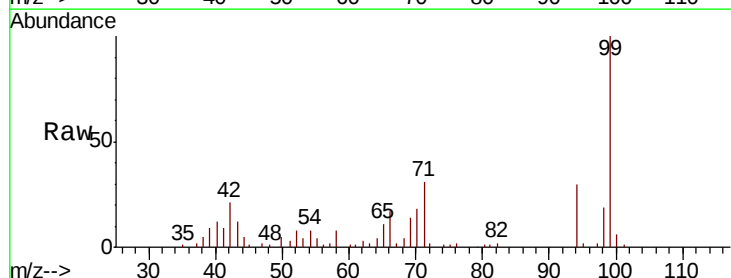
Tgt Ion: 94 Resp: 18157

Ion Ratio Lower Upper

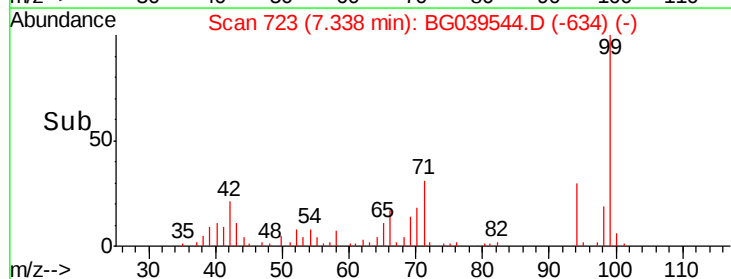
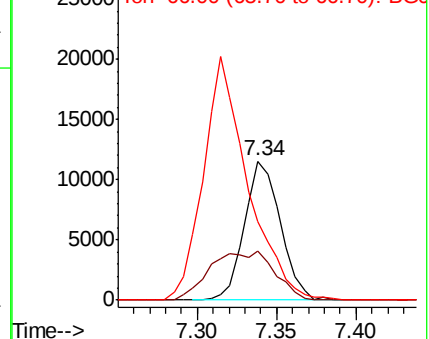
94 100

65 35.4 11.7 51.7

66 56.6 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

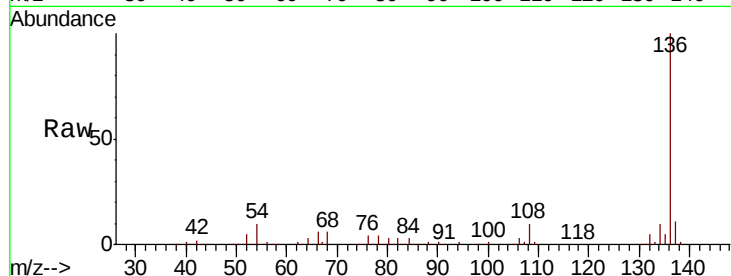




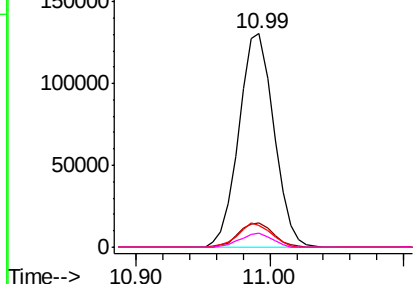
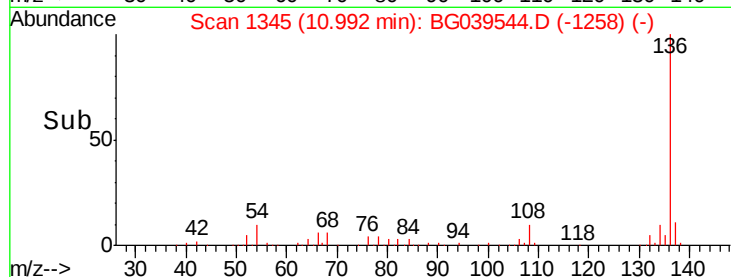
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tot Ion:136	Resp:	236693
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	10.0	9.4 14.2
68	6.3	4.2 6.4

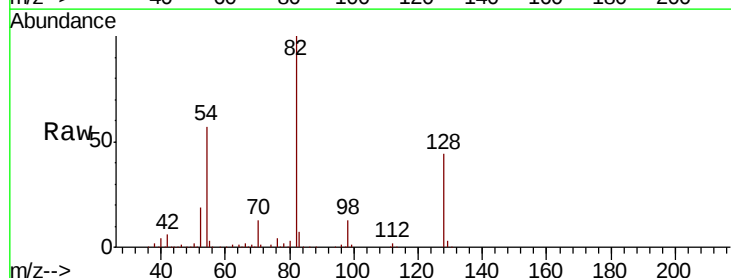


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

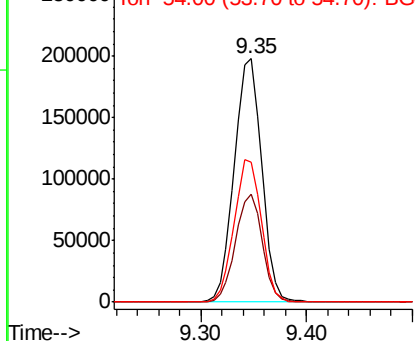
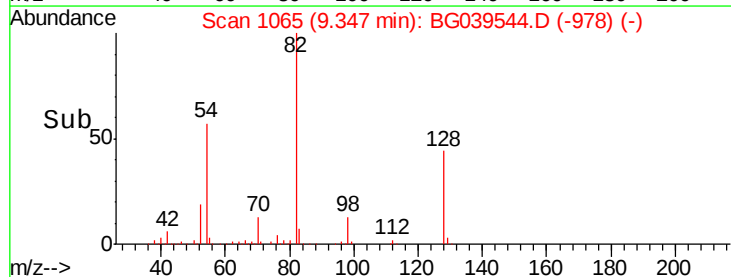


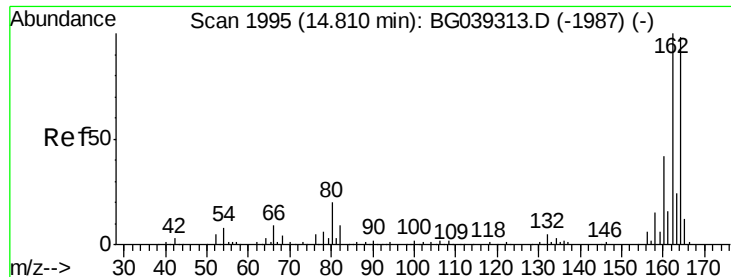
#23
Nitrobenzene-d5
Concen: 93.886 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion: 82	Resp:	355718
Ion Ratio	Lower	Upper
82	100	
128	44.5	31.3 46.9
54	57.4	50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000 Ion 128.00 (127.70 to 128.70): E
200000 Ion 54.00 (53.70 to 54.70): BGC
150000
100000
50000
0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039544.D

Acq: 18 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

FK-BPM-004-CLEARBROOK-PILE-1

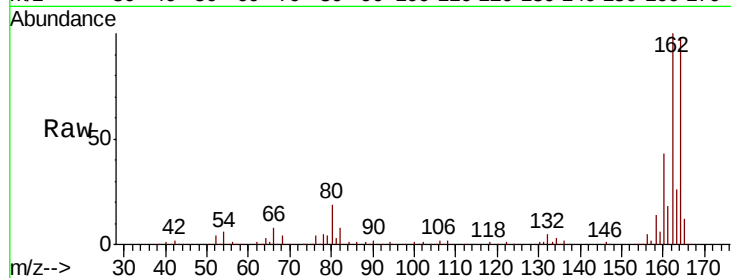
Tot Ion:164 Resp: 167016

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

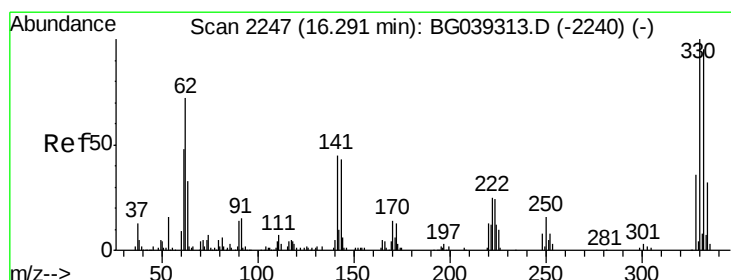
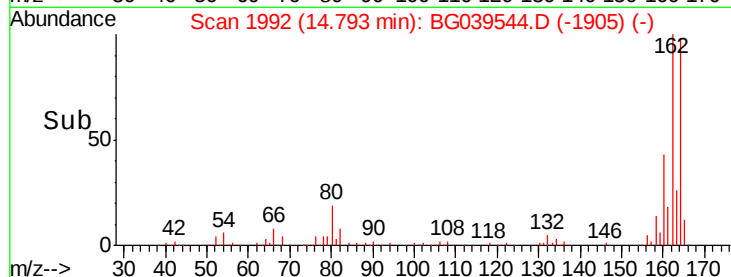
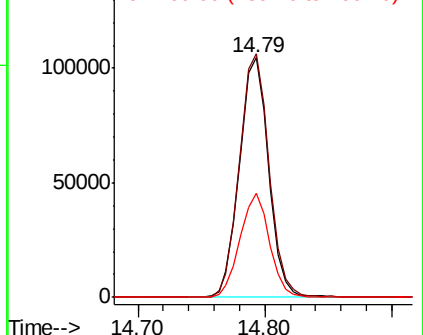
160 43.6 34.2 51.2



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: 138.973 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039544.D

Acq: 18 Feb 2019 18:06

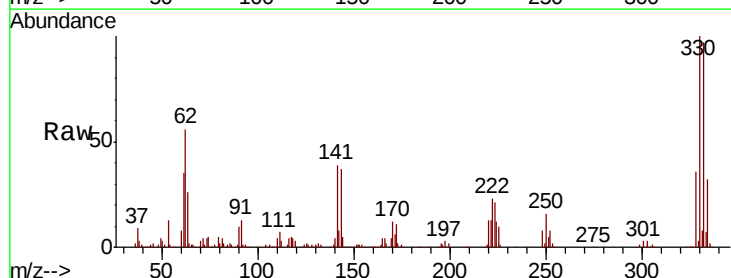
Tgt Ion:330 Resp: 249940

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

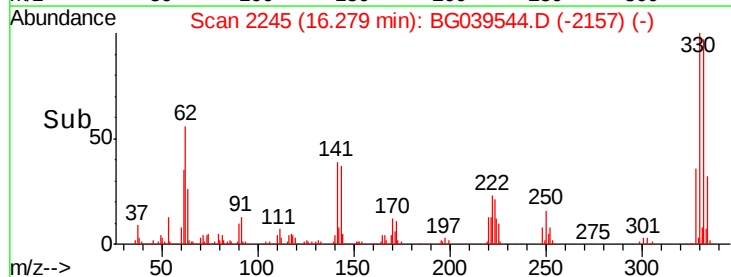
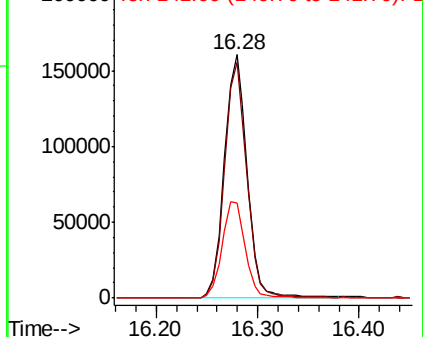
141 40.2 35.6 53.4



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

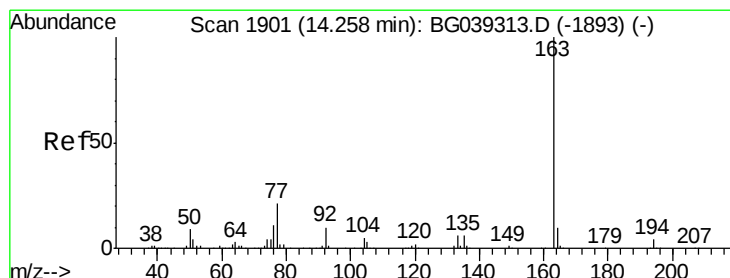
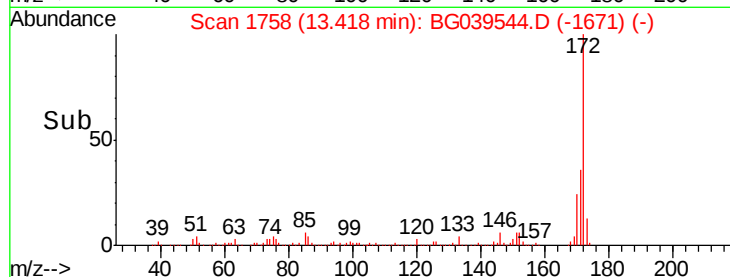
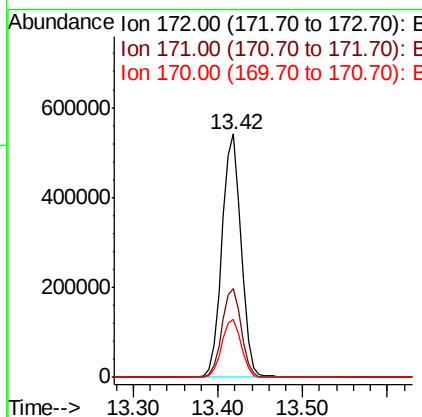
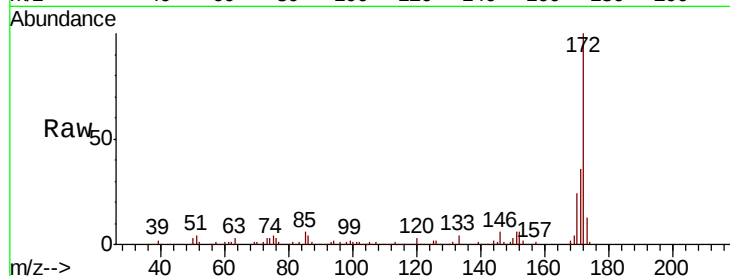




#45
 2-Fluorobiphenyl
 Concen: 73.390 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039544.D
 Acq: 18 Feb 2019 18:06

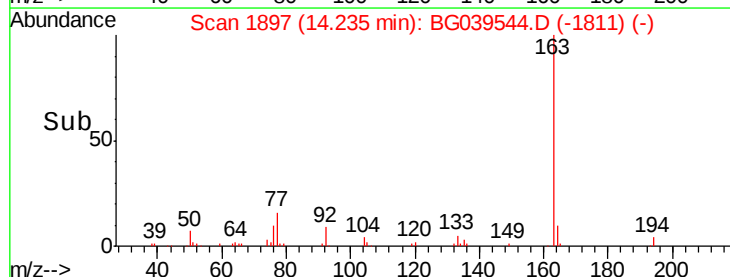
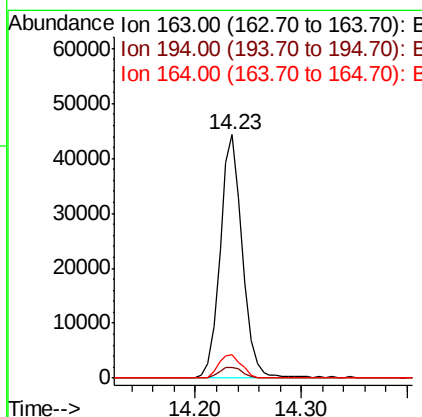
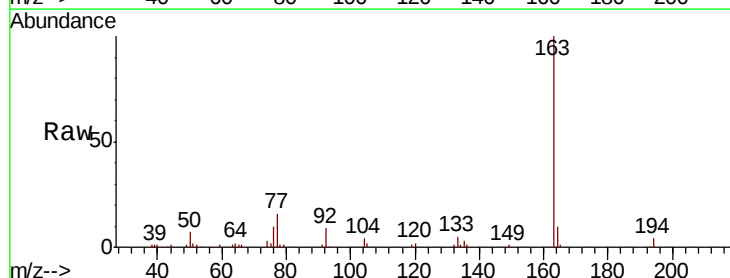
Instrument :
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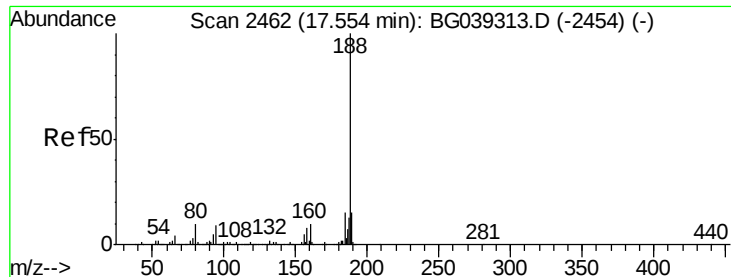
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	24.1	20.2	30.4



#50
 Dimethylphthalate
 Concen: 4.808 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.02 min
 Lab File: BG039544.D
 Acq: 18 Feb 2019 18:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.9	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039544.D

Acq: 18 Feb 2019 18:06

Instrument :

BNA_G

ClientSampleId :

FK-BPM-004-CLEARBROOK-PILE-1

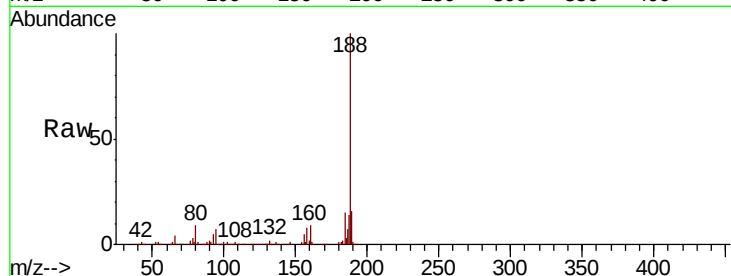
Tot Ion:188 Resp: 416168

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

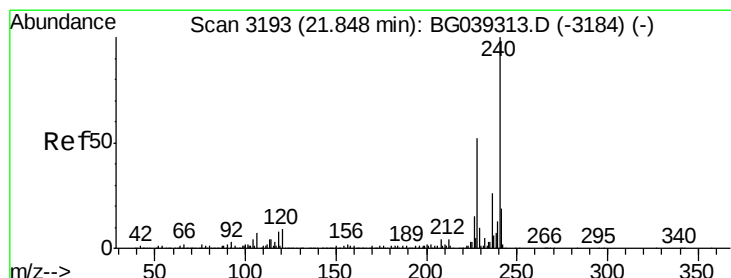
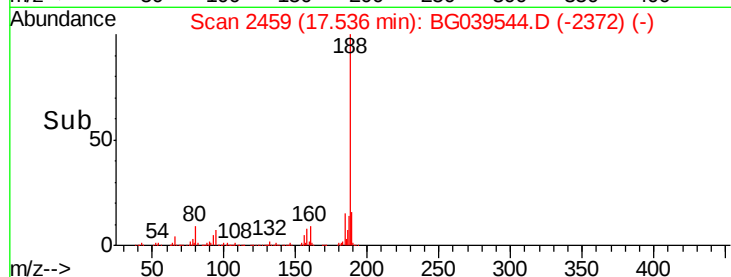
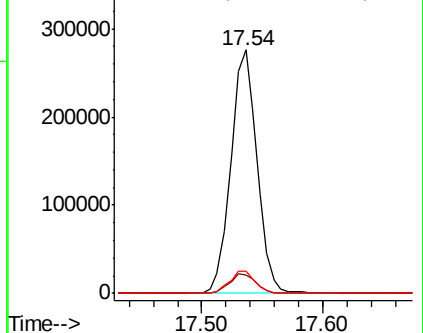
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039544.D

Acq: 18 Feb 2019 18:06

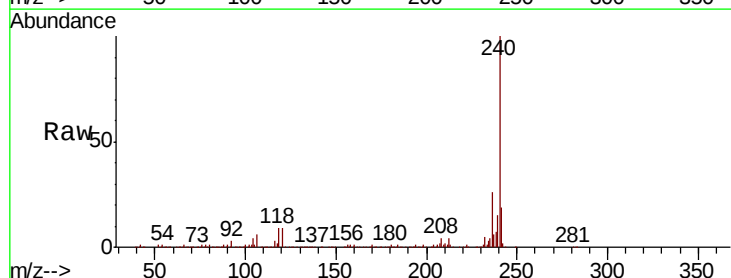
Tgt Ion:240 Resp: 427165

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

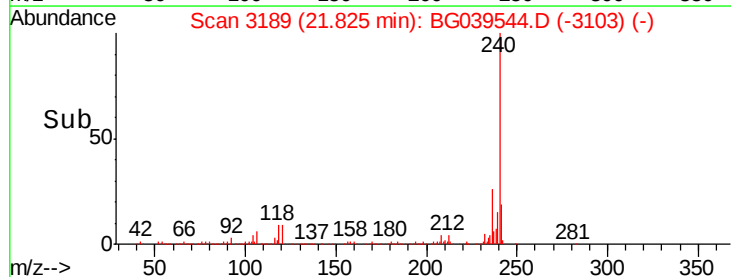
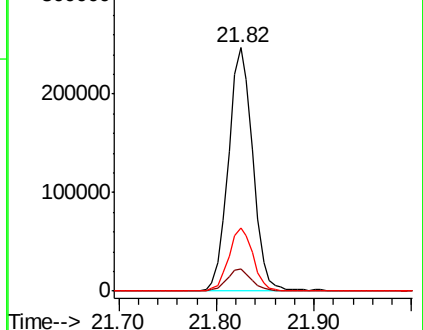
236 25.9 21.0 31.4

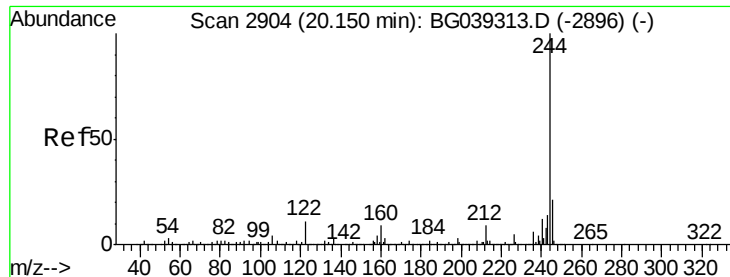


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

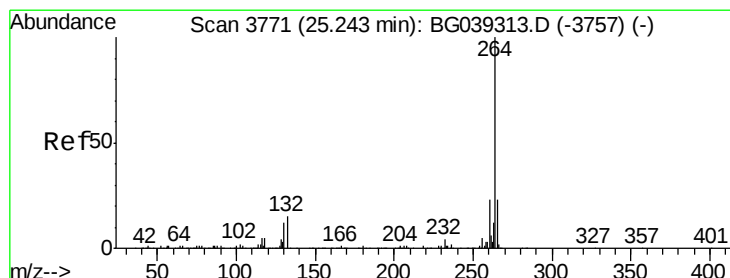
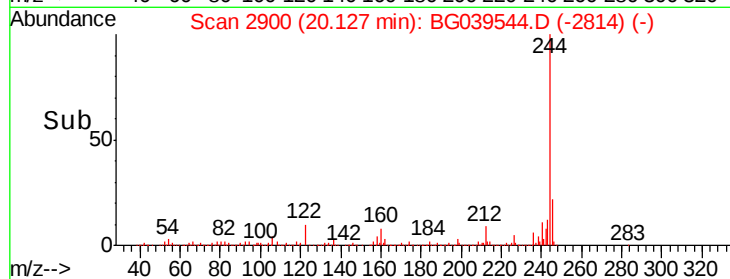
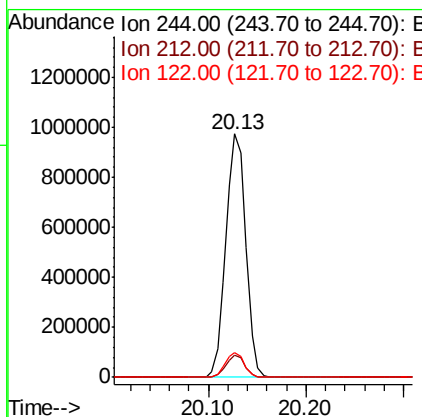
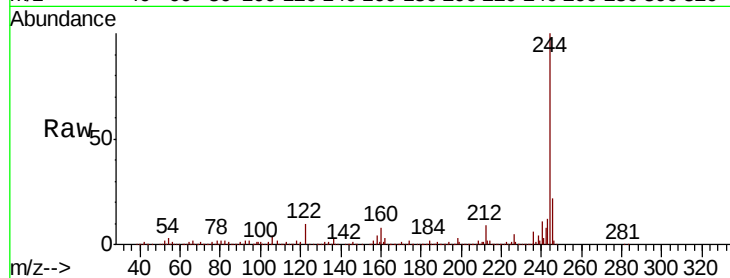




#79
 Terphenyl-d14
 Concen: 68.199 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.02 min
 Lab File: BG039544.D
 Acq: 18 Feb 2019 18:06

Instrument :
 BNA_G
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 FK-BPM-004-CLEARBROOK-PILE-1

Tot Ion:244 Resp: 1376305
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.3 10.9
 122 10.4 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.04 min
 Lab File: BG039544.D
 Acq: 18 Feb 2019 18:06

Tgt Ion:264 Resp: 408314
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.4
 265 21.5 18.5 27.7

