

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039551.D
 Acq On : 18 Feb 2019 22:39
 Operator : JU/SJ
 Sample : K1508-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-13-D

Quant Time: Feb 19 01:06:05 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	50686	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	223645	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	160415	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	391400	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	404865	20.00	ng	-0.03
87) Perylene-d12	25.20	264	352642	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	355029	119.88	ng	0.00
7) Phenol-d6	7.31	99	450579	103.36	ng	0.00
23) Nitrobenzene-d5	9.34	82	358358	100.10	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	211421	122.39	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	857870	76.72	ng	-0.02
79) Terphenyl-d14	20.13	244	1505111	78.69	ng	-0.02

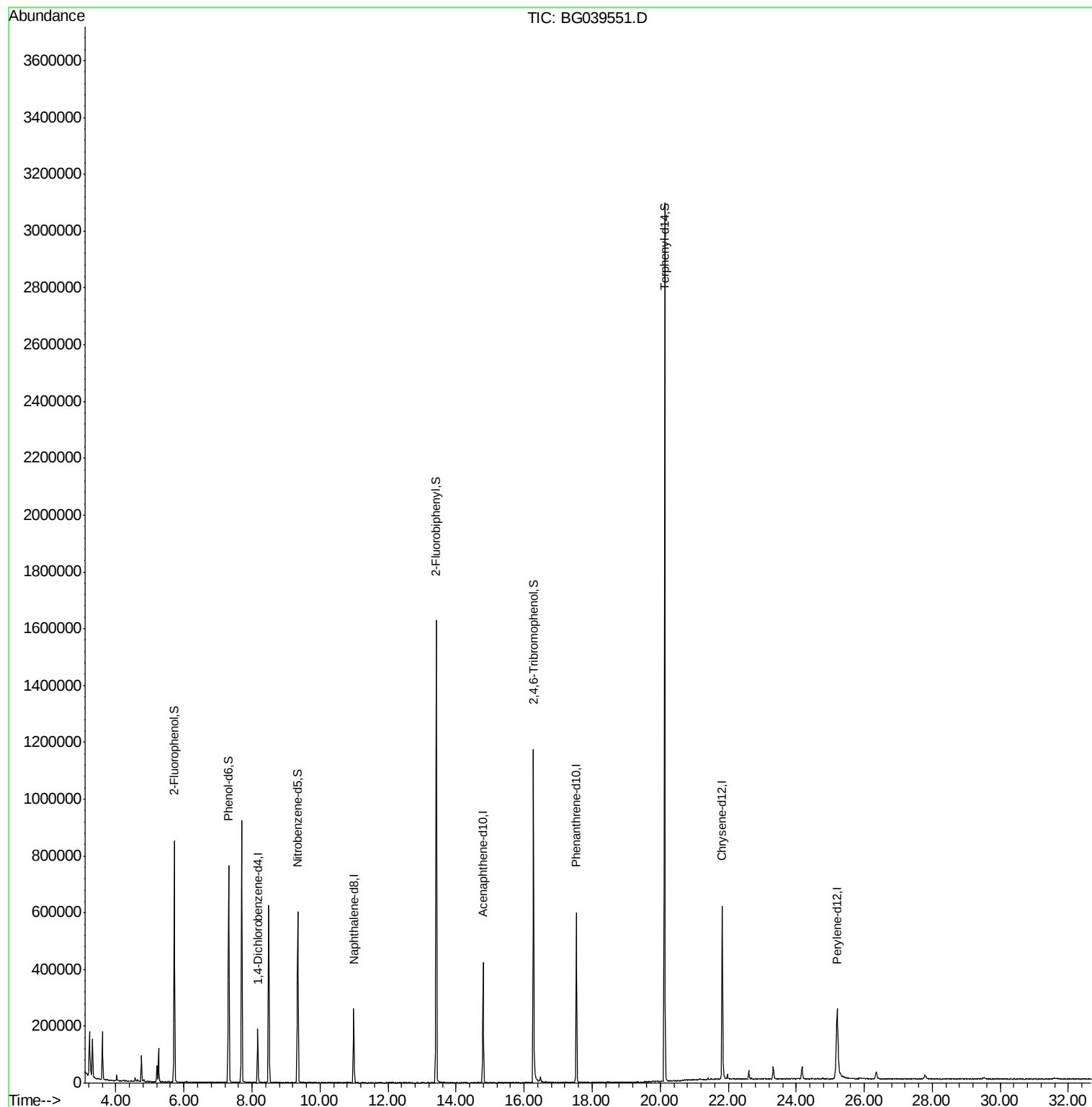
Target Compounds Qvalue

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

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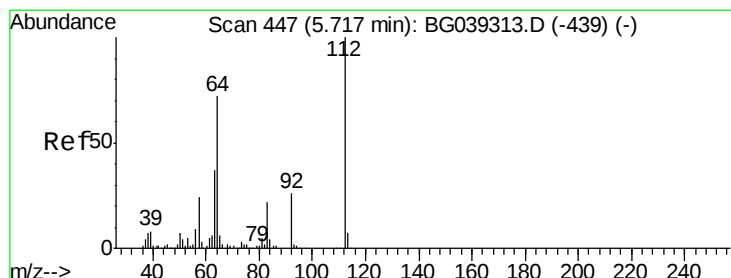
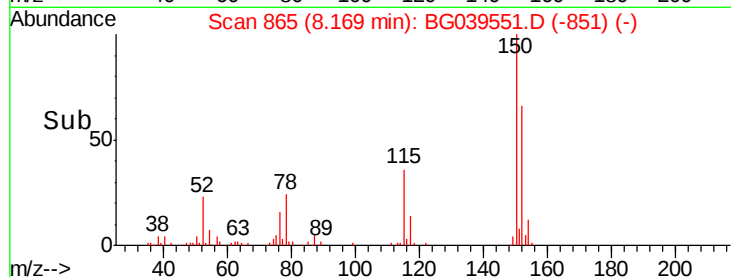
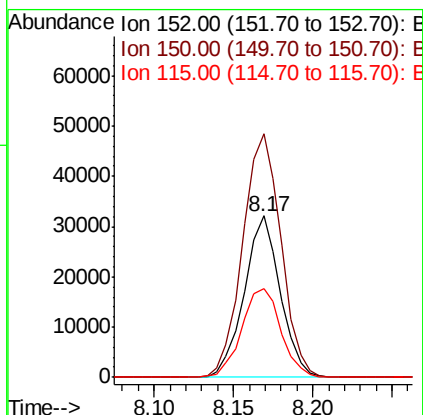
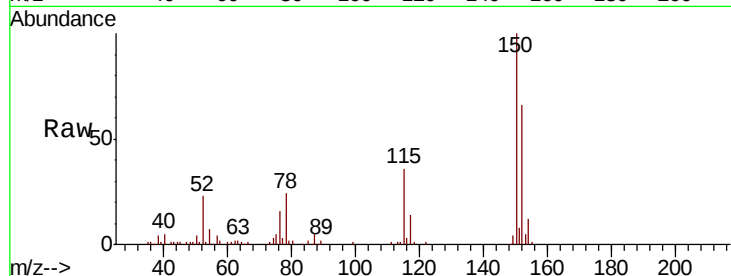


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039551.D
Acq: 18 Feb 2019 22:39

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M-13-D

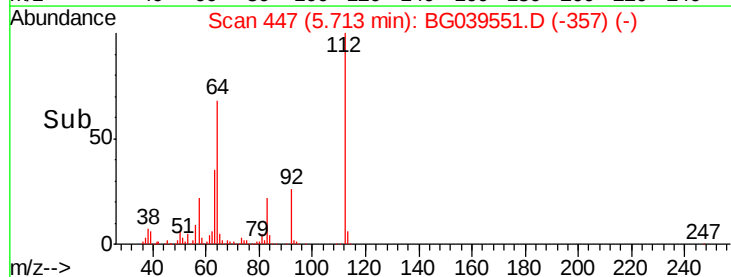
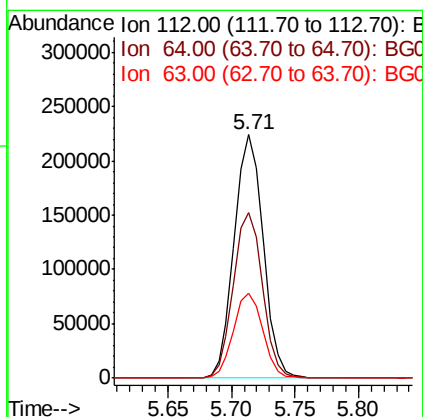
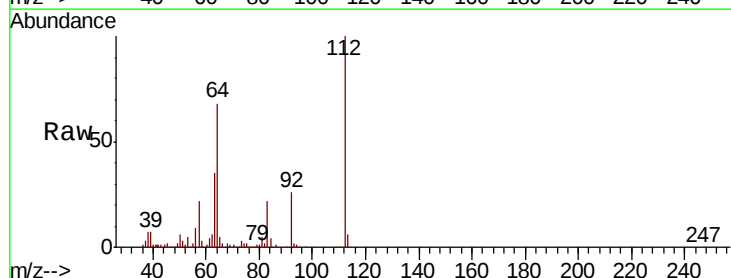
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.7	185.5
115	55.0	45.9	68.9

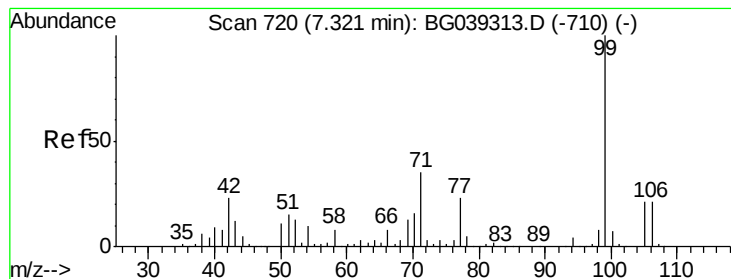


#5

2-Fluorophenol
Concen: 119.882 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039551.D
Acq: 18 Feb 2019 22:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.8	86.8
63	34.7	29.8	44.6





#7

Phenol-d6

Concen: 103.362 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039551.D

Acq: 18 Feb 2019 22:39

Instrument :

BNA_G

ClientSampleId :

M-13-D

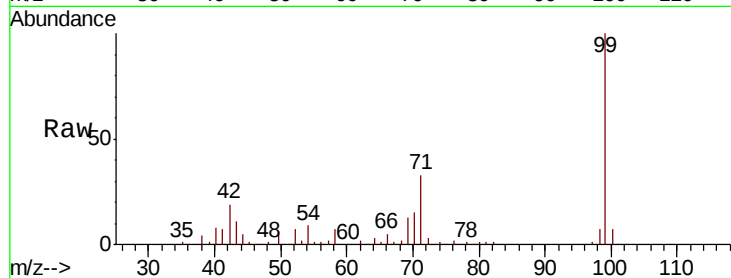
Tot Ion: 99 Resp: 450579

Ion Ratio Lower Upper

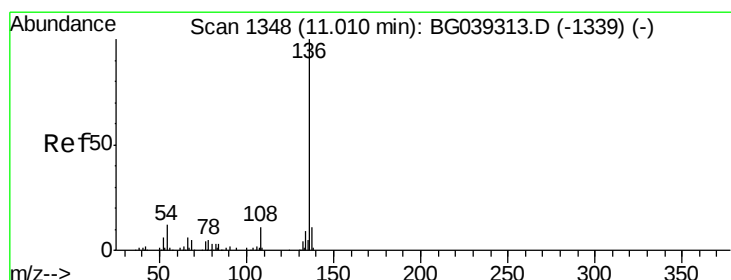
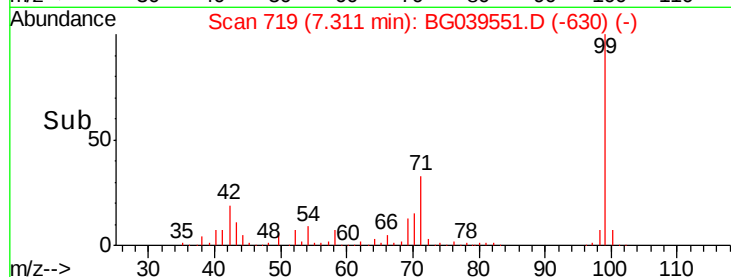
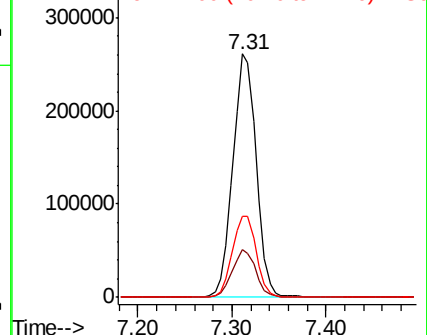
99 100

42 19.5 18.2 27.2

71 33.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039551.D

Acq: 18 Feb 2019 22:39

Tgt Ion: 136 Resp: 223645

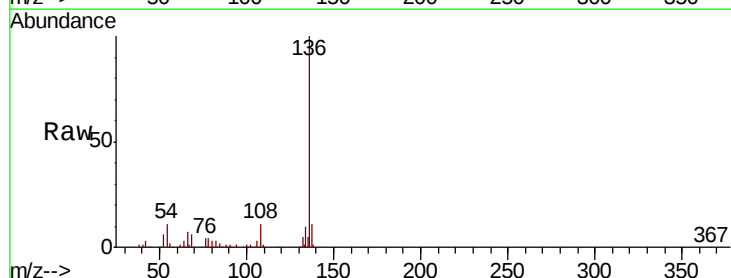
Ion Ratio Lower Upper

136 100

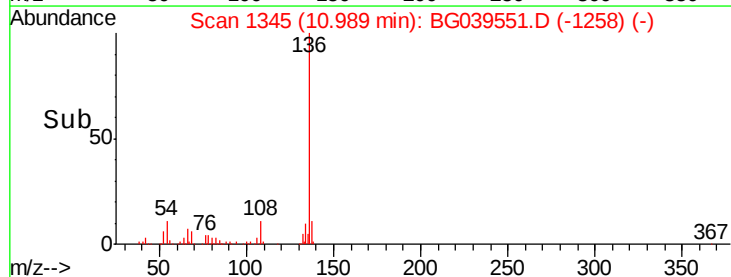
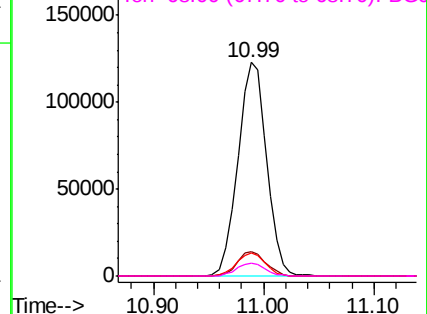
137 11.1 9.1 13.7

54 10.7 9.4 14.2

68 5.8 4.2 6.4



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

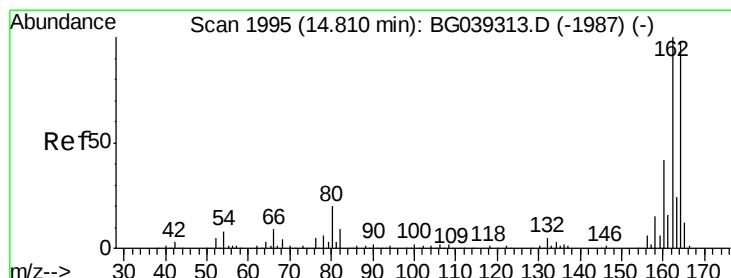
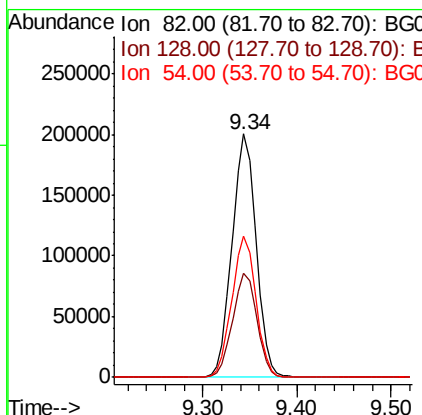
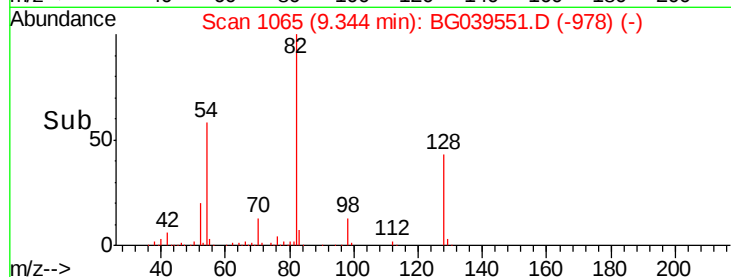
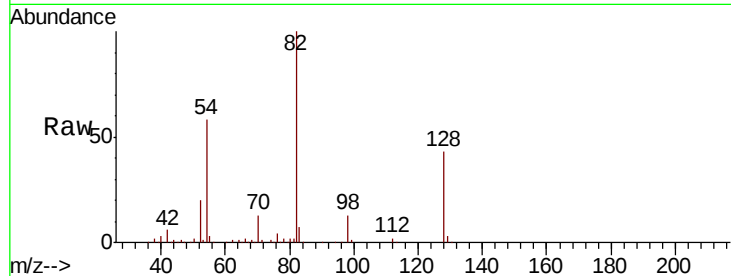




#23
Nitrobenzene-d5
Concen: 100.101 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039551.D
Acq: 18 Feb 2019 22:39

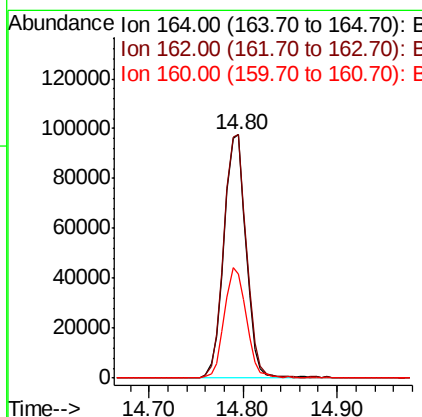
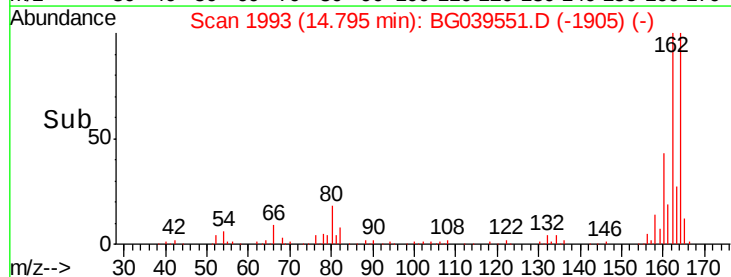
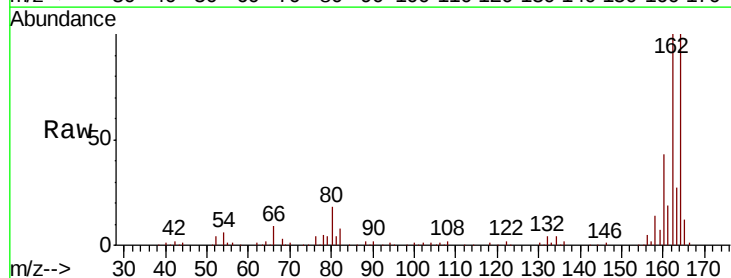
Instrument :
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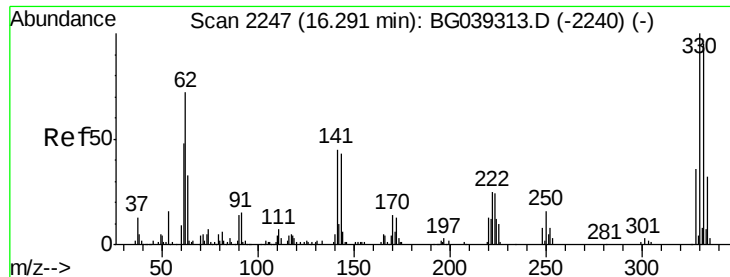
Tot Ion	82	Resp	358358
Ion Ratio	100	Lower	Upper
128	42.6	31.3	46.9
54	57.9	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039551.D
Acq: 18 Feb 2019 22:39

Tgt Ion	164	Resp	160415
Ion Ratio	100	Lower	Upper
162	99.8	81.6	122.4
160	42.8	34.2	51.2

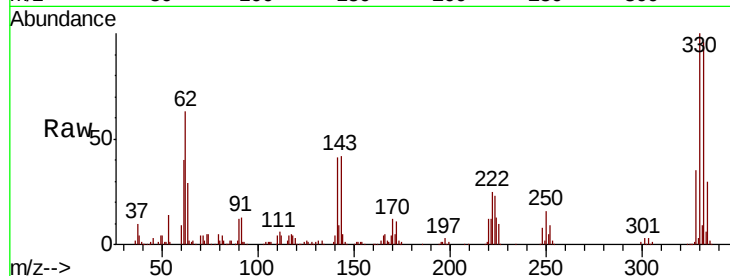




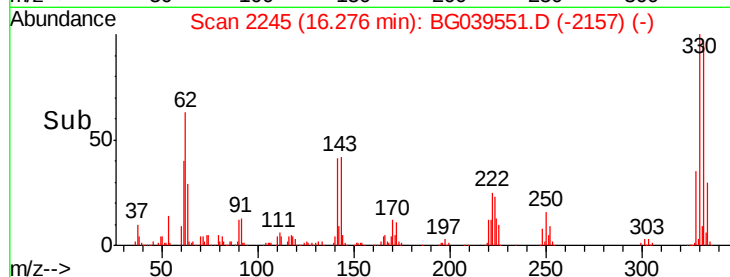
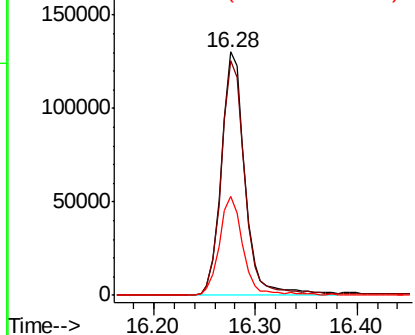
#42
 2,4,6-Tribromophenol
 Concen: 122.393 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BG039551.D
 Acq: 18 Feb 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 M-13-D

Tot Ion:330 Resp: 211421
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 39.6 35.6 53.4

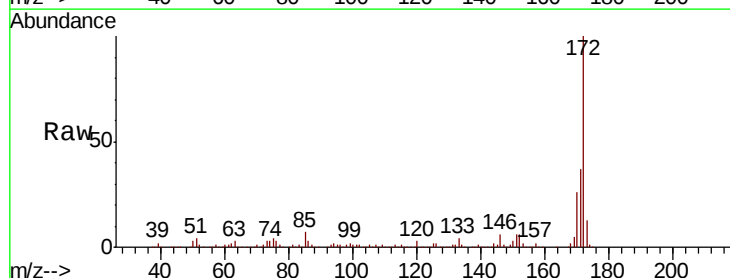


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

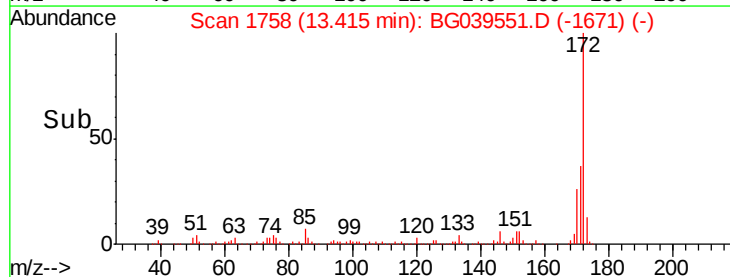
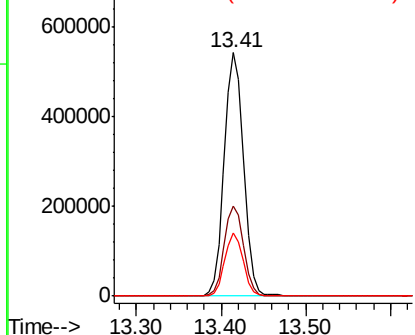


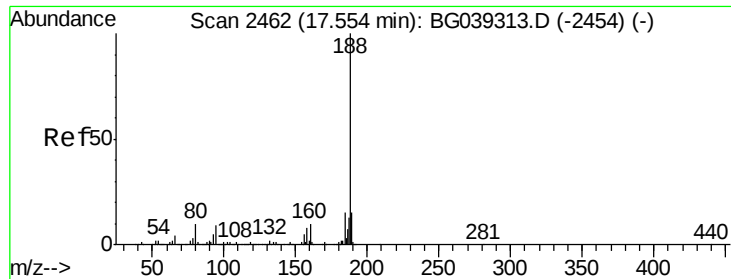
#45
 2-Fluorobiphenyl
 Concen: 76.717 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039551.D
 Acq: 18 Feb 2019 22:39

Tgt Ion:172 Resp: 857870
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 26.1 20.2 30.4



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039551.D

Acq: 18 Feb 2019 22:39

Instrument :

BNA_G

ClientSampleId :

M-13-D

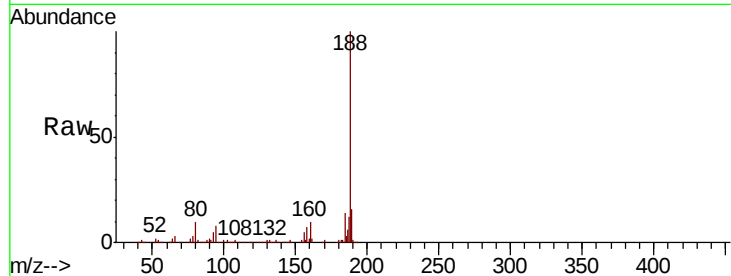
Tot Ion:188 Resp: 391400

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

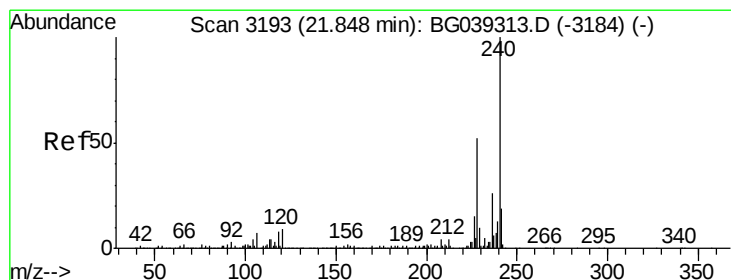
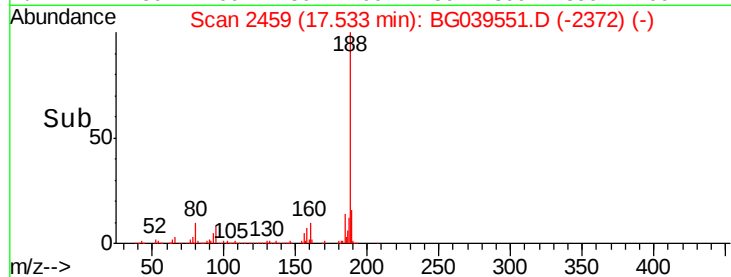
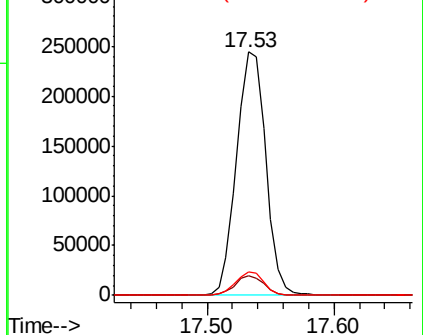
80 9.6 8.1 12.1



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. -0.03 min

Lab File: BG039551.D

Acq: 18 Feb 2019 22:39

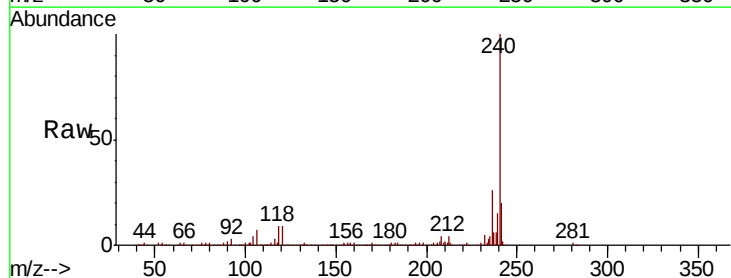
Tgt Ion:240 Resp: 404865

Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.6

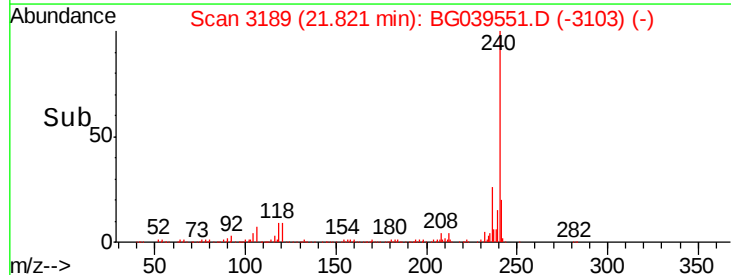
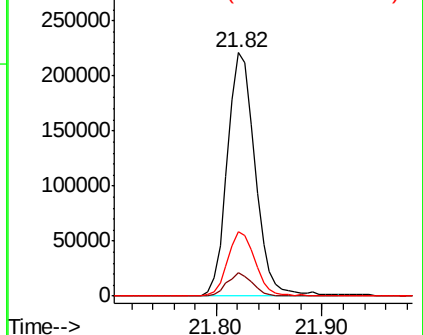
236 26.5 21.0 31.4



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: 78.689 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039551.D

Acq: 18 Feb 2019 22:39

Instrument :

BNA_G

ClientSampleId :

M-13-D

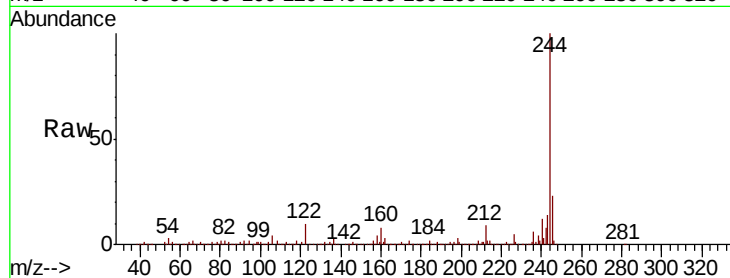
Tot Ion:244 Resp: 1505111

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

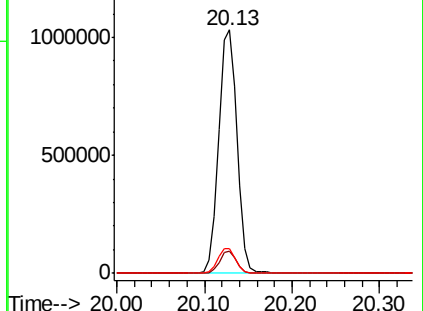
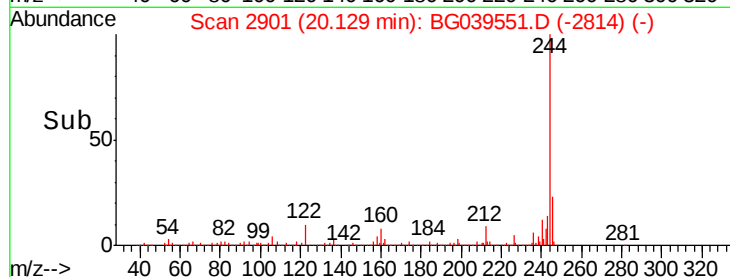
122 9.9 8.4 12.6



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: 25.20 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039551.D

Acq: 18 Feb 2019 22:39

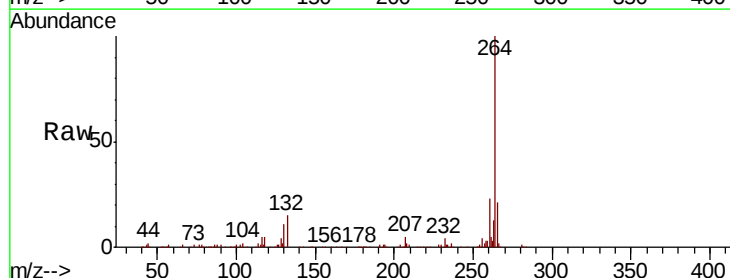
Tgt Ion:264 Resp: 352642

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.9 18.5 27.7



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

