

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040142.D
 Acq On : 26 Mar 2019 8:52
 Operator : JU/SJ
 Sample : K2050-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-1

Quant Time: Mar 26 14:18:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	32487	20.00	ng	-0.04
21) Naphthalene-d8	10.96	136	144258	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	105135	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	266087	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	268060	20.00	ng	-0.04
87) Perylene-d12	25.16	264	247832	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	250709	131.66	ng	-0.02
7) Phenol-d6	7.29	99	329580	116.07	ng	-0.02
23) Nitrobenzene-d5	9.32	82	238913	89.57	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	134503	109.76	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	594056	80.45	ng	-0.03
79) Terphenyl-d14	20.10	244	1078077	88.55	ng	-0.02

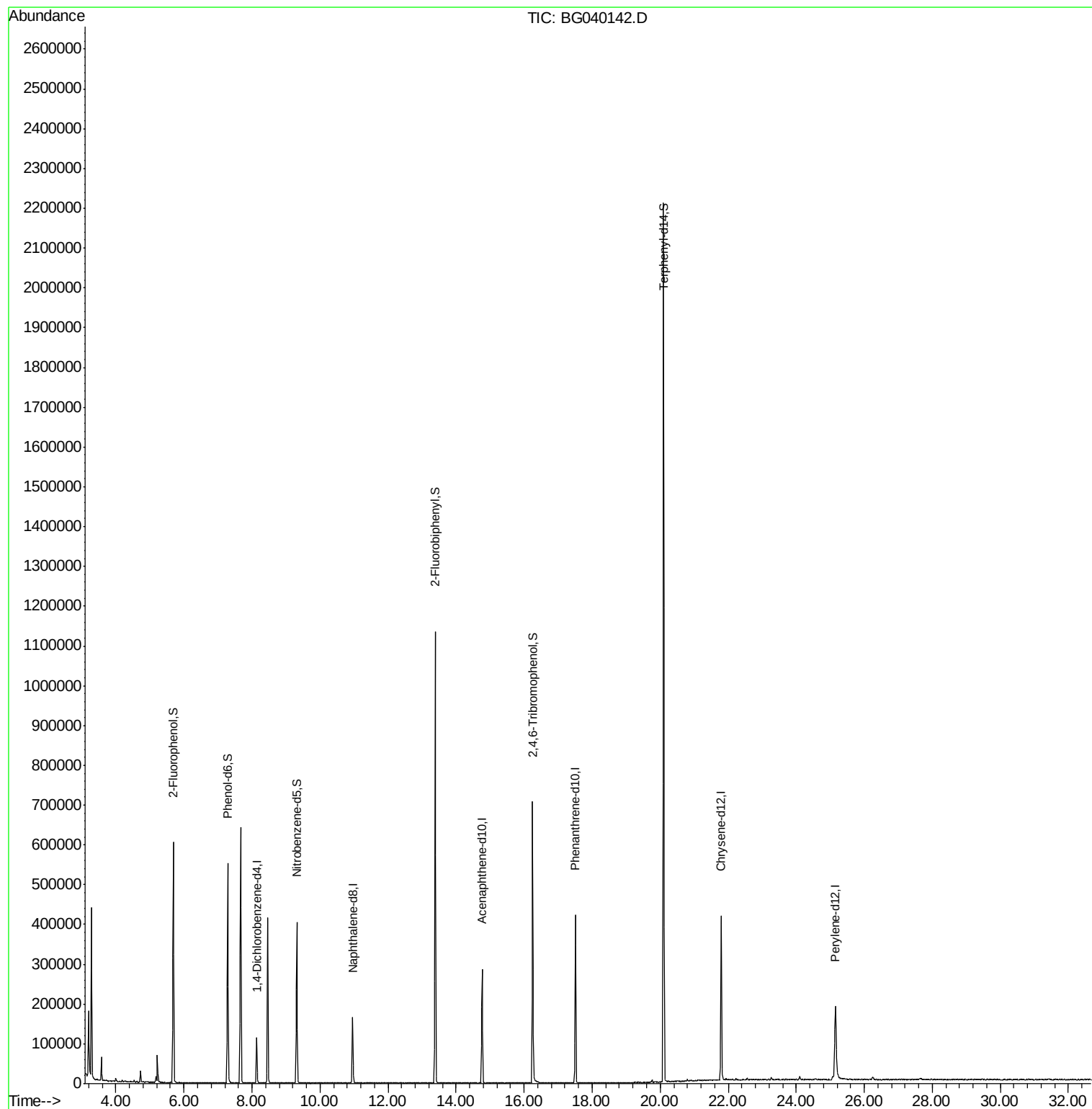
Target Compounds	Qvalue
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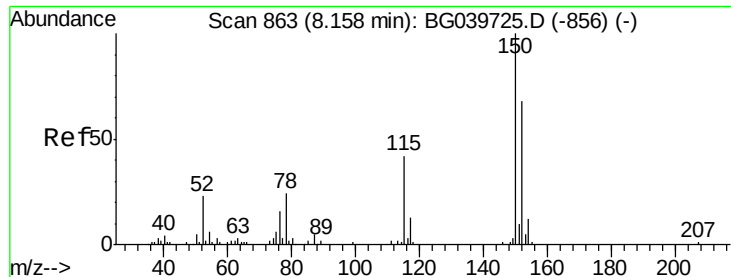
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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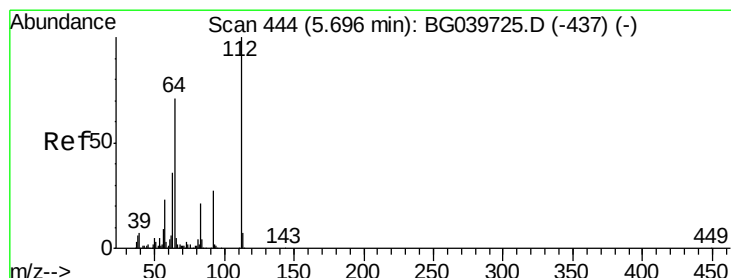
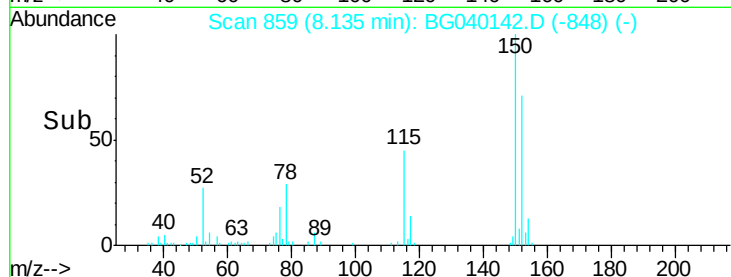
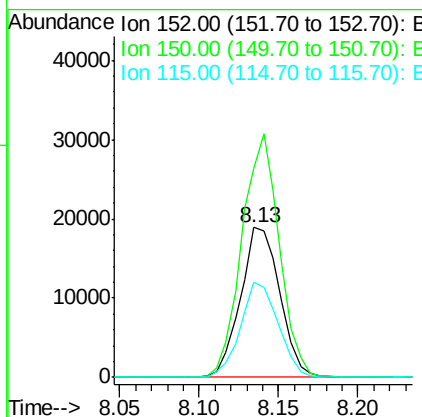
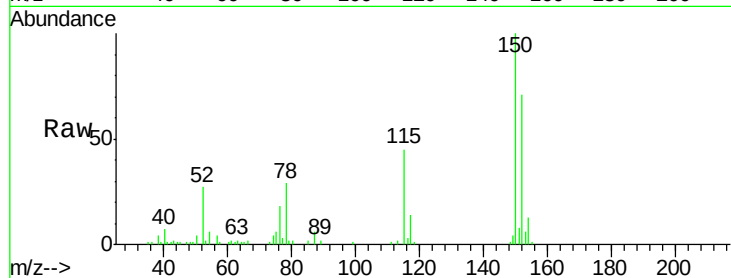


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 859
Delta R.T. -0.04 min
Lab File: BG040142.D
Acq: 26 Mar 2019 8:52

Instrument :
BNA_G
ClientSampleId :
CS-1

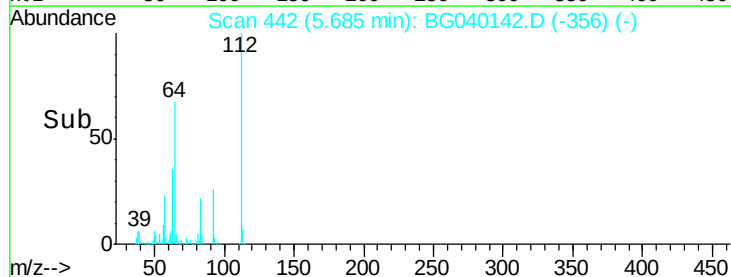
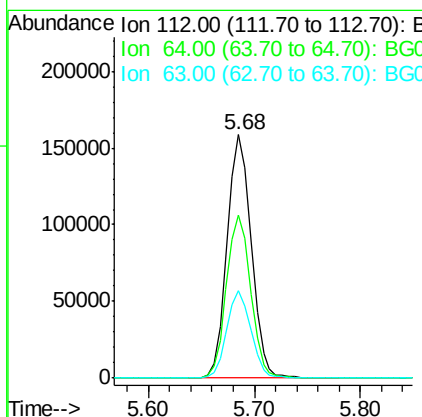
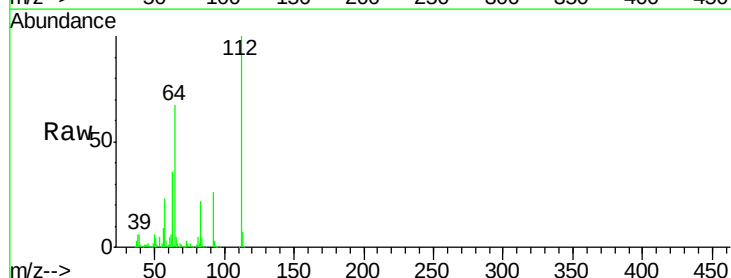
Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.0	123.7	185.5
115	63.4	45.9	68.9

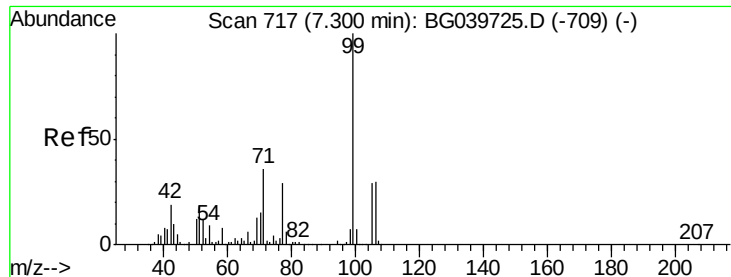


#5

2-Fluorophenol
Concen: 131.656 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040142.D
Acq: 26 Mar 2019 8:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	57.8	86.8
63	35.7	29.8	44.6





#7

Phenol-d6

Concen: 116.075 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040142.D

Acq: 26 Mar 2019 8:52

Instrument :

BNA_G

ClientSampleId :

CS-1

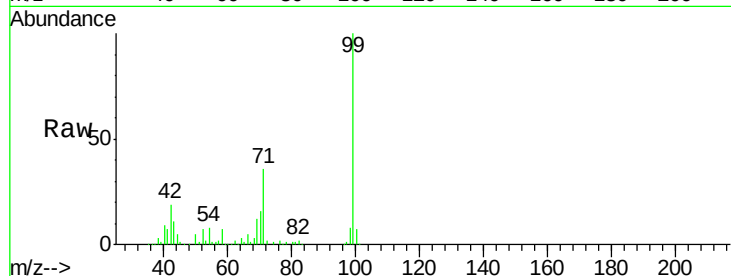
Tgt Ion: 99 Resp: 329580

Ion Ratio Lower Upper

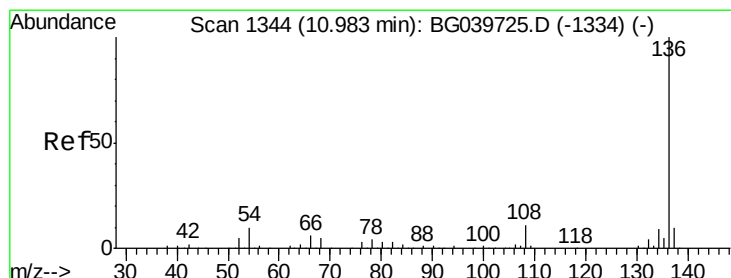
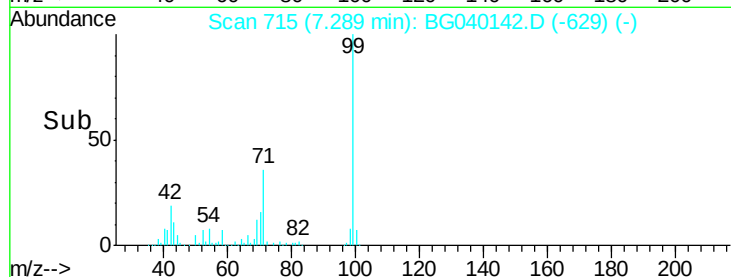
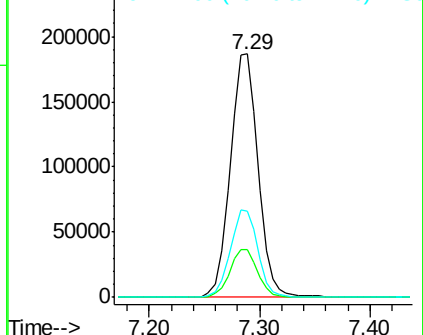
99 100

42 19.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040142.D

Acq: 26 Mar 2019 8:52

Tgt Ion: 136 Resp: 144258

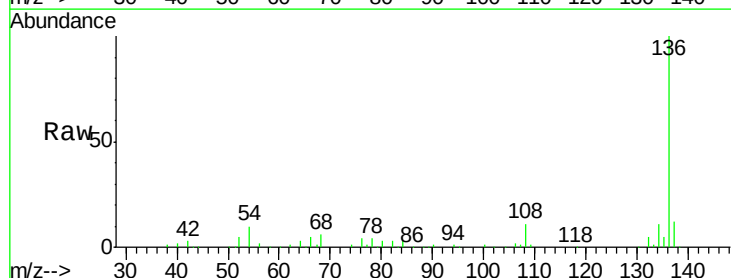
Ion Ratio Lower Upper

136 100

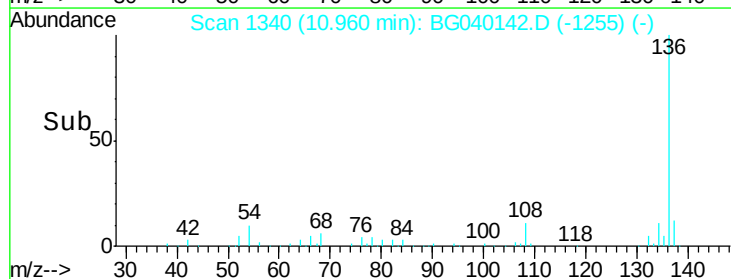
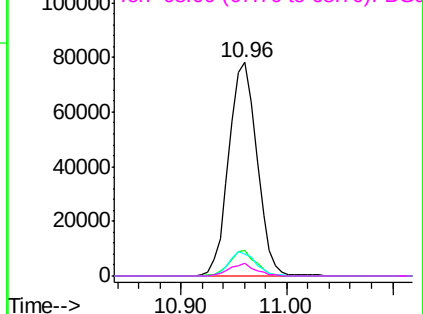
137 11.9 9.1 13.7

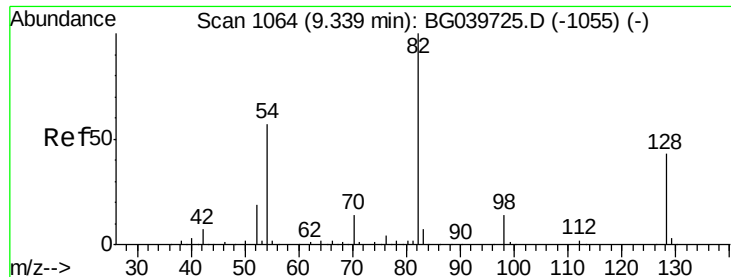
54 10.3 9.4 14.2

68 6.1 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

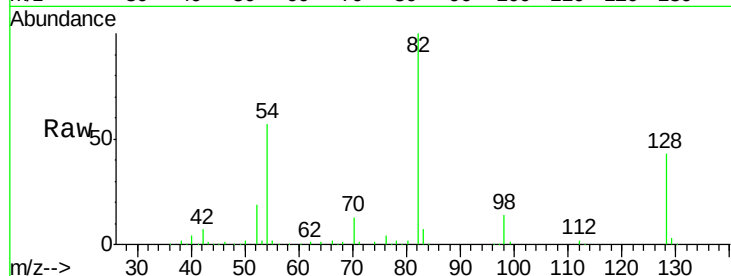




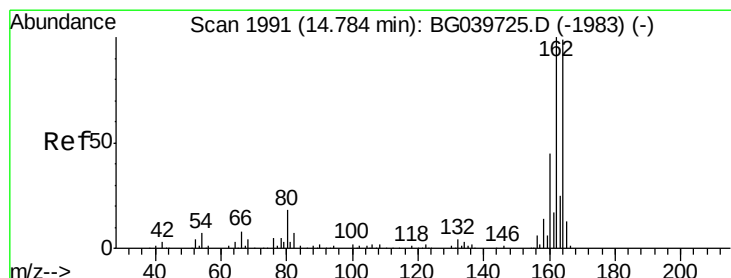
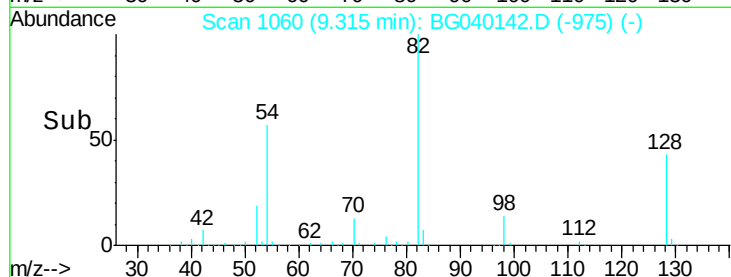
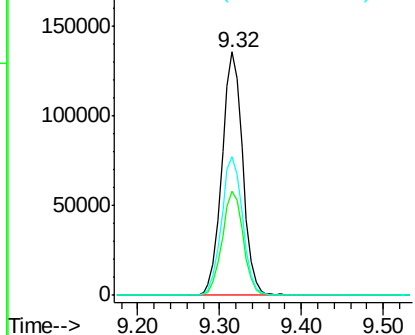
#23
 Nitrobenzene-d5
 Concen: 89.571 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040142.D
 Acq: 26 Mar 2019 8:52

Instrument :
 BNA_G
 ClientSampleId :
 CS-1

Tgt Ion: 82 Resp: 238913
 Ion Ratio Lower Upper
 82 100
 128 42.7 31.3 46.9
 54 57.2 50.9 76.3

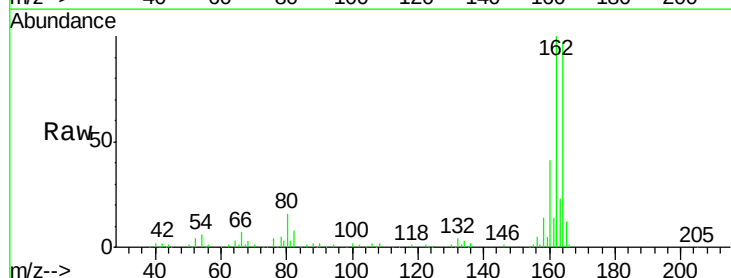


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

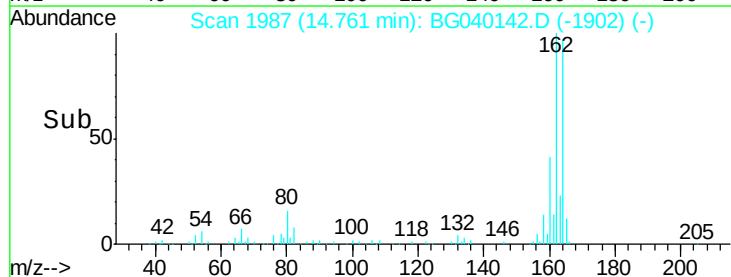
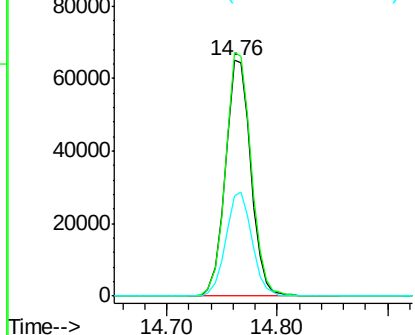


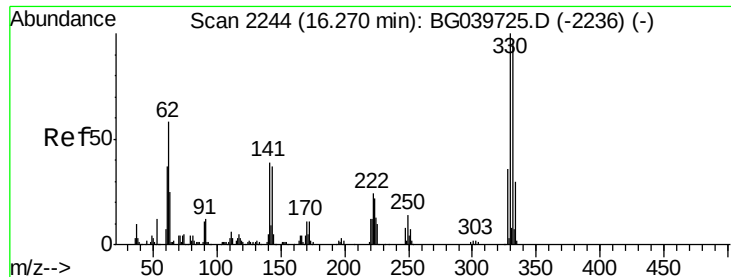
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040142.D
 Acq: 26 Mar 2019 8:52

Tgt Ion: 164 Resp: 105135
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.6 122.4
 160 42.5 34.2 51.2



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

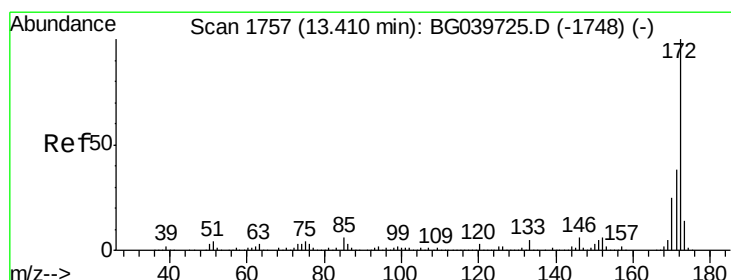
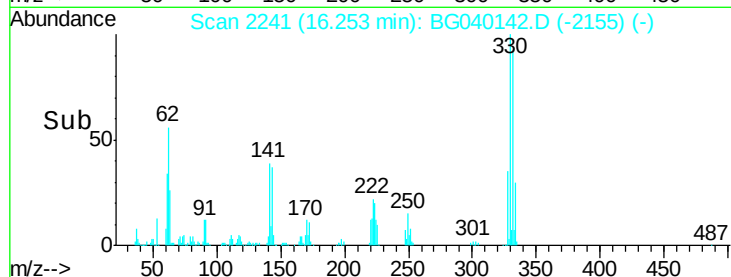
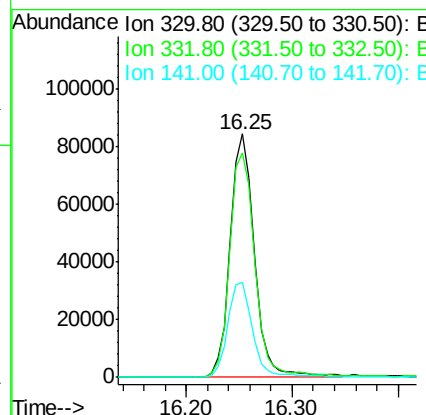
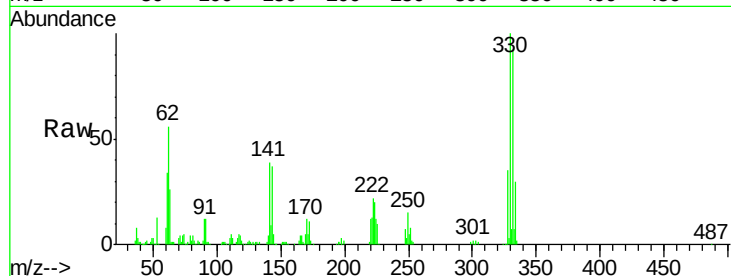




#42
 2,4,6-Tribromophenol
 Concen: 109.760 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040142.D
 Acq: 26 Mar 2019 8:52

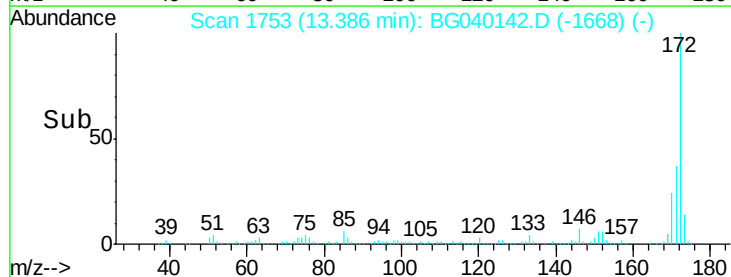
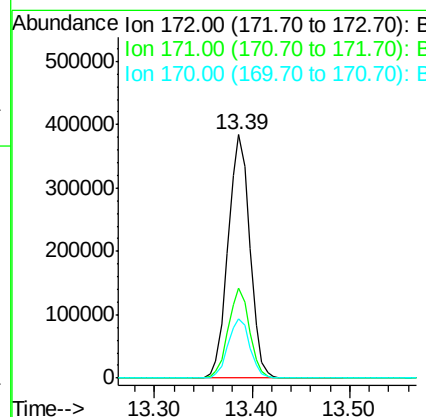
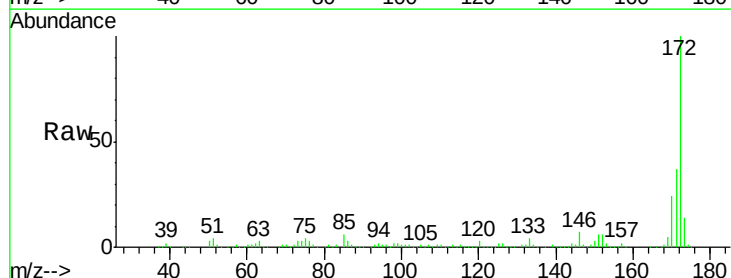
Instrument :
 BNA_G
 ClientSampled :
 CS-1

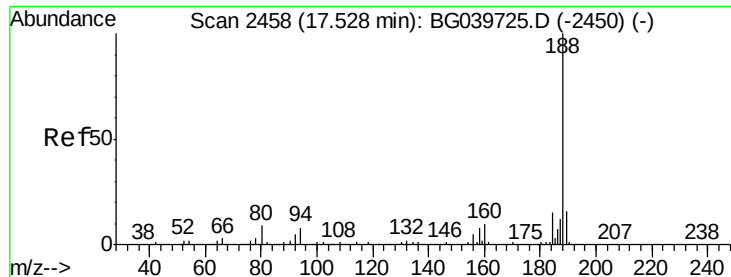
Tgt Ion: 330 Resp: 134503
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.7 113.5
 141 40.0 35.6 53.4



#45
 2-Fluorobiphenyl
 Concen: 80.452 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040142.D
 Acq: 26 Mar 2019 8:52

Tgt Ion: 172 Resp: 594056
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 24.3 20.2 30.4

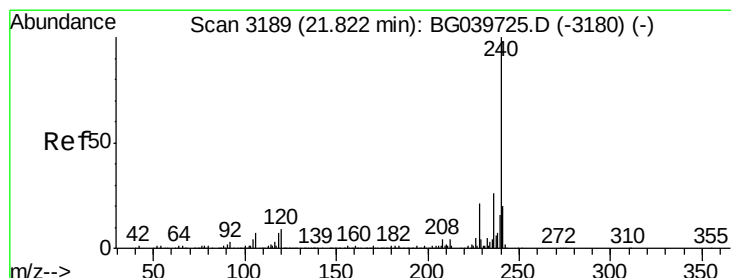
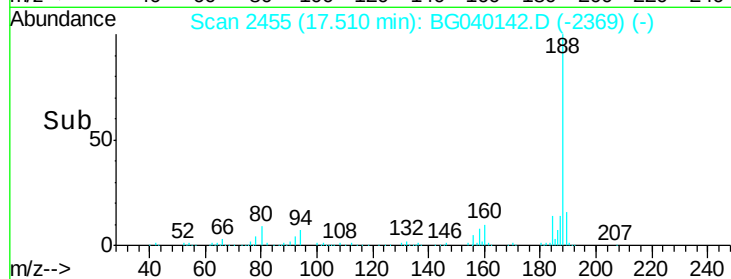
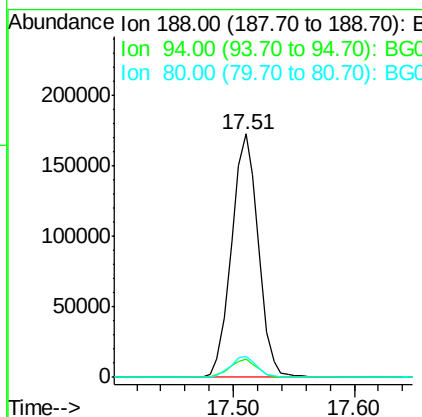
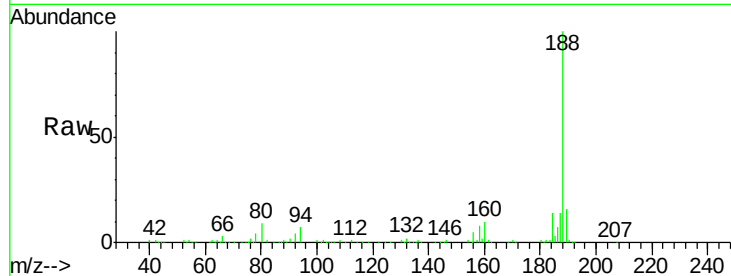




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040142.D
Acq: 26 Mar 2019 8:52

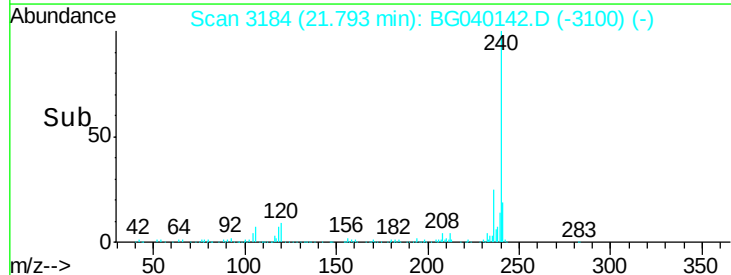
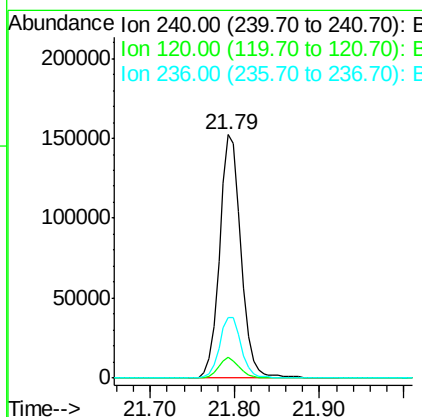
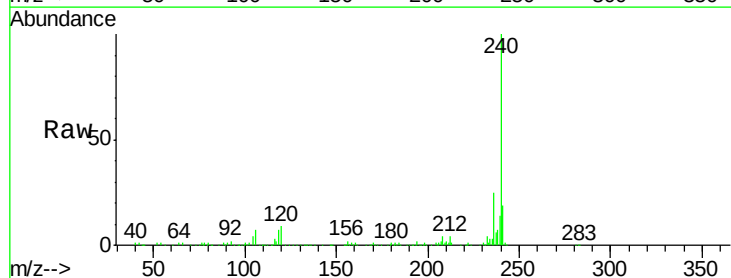
Instrument :
BNA_G
ClientSampleId :
CS-1

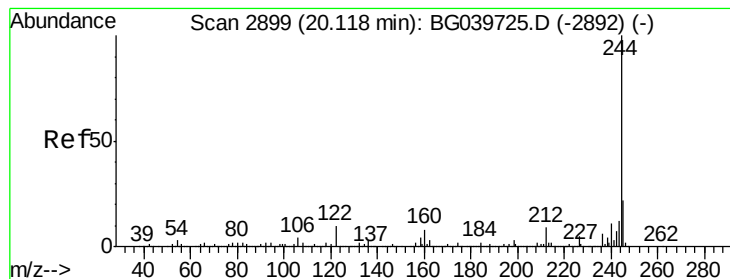
Tgt Ion:188 Resp: 266087
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG040142.D
Acq: 26 Mar 2019 8:52

Tgt Ion:240 Resp: 268060
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 24.8 21.0 31.4





#79

Terphenyl-d14

Concen: 88.552 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040142.D

Acq: 26 Mar 2019 8:52

Instrument :

BNA_G

ClientSampleId :

CS-1

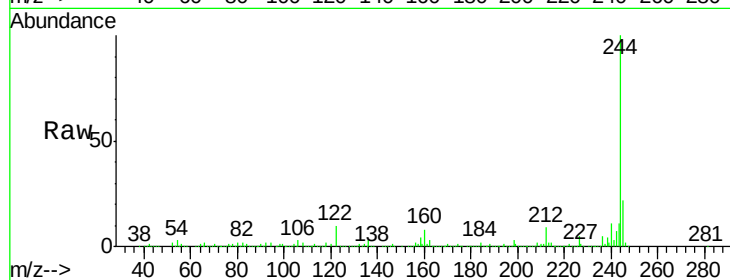
Tgt Ion:244 Resp: 1078077

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

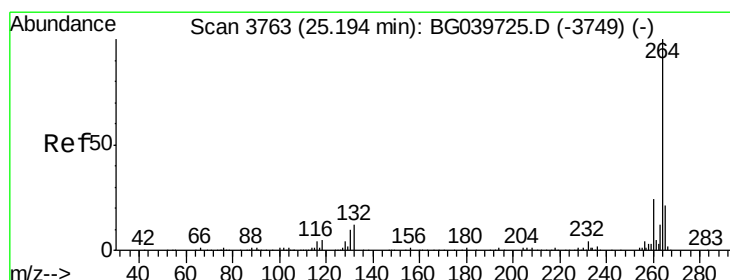
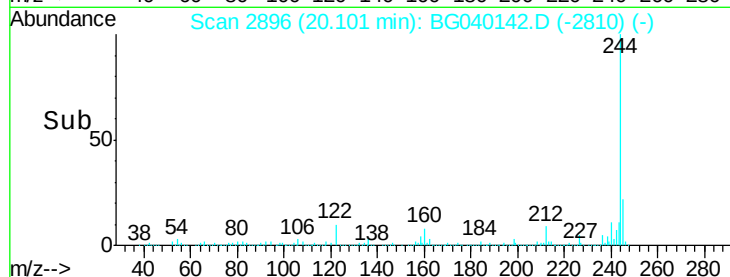
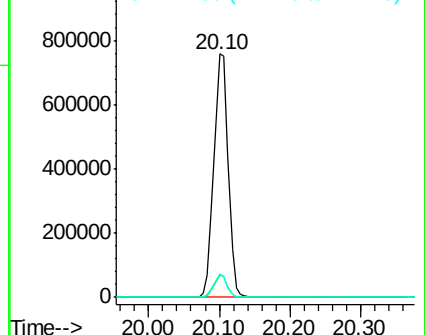
122 9.5 8.4 12.6



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040142.D

Acq: 26 Mar 2019 8:52

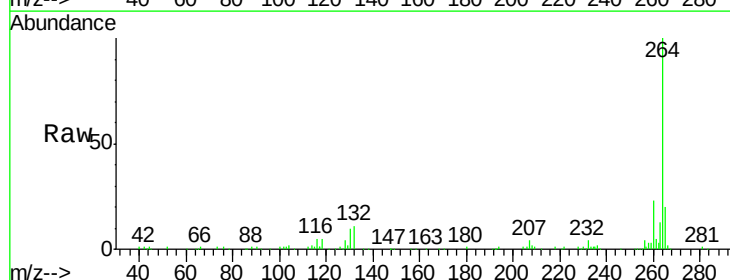
Tgt Ion:264 Resp: 247832

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 19.9 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

