

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
 Data File : BG040663.D
 Acq On : 29 Apr 2019 16:03
 Operator : JU/SJ
 Sample : K2576-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRW-2

Quant Time: Apr 30 03:26:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	49407	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	212643	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	160468	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	405932	20.00	ng	0.00
76) Chrysene-d12	21.82	240	395024	20.00	ng	0.00
87) Perylene-d12	25.19	264	425960	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	199697	71.25	ng	0.00
7) Phenol-d6	7.29	99	198943	46.10	ng	0.00
23) Nitrobenzene-d5	9.33	82	449270	97.62	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	326541	148.05	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	955158	85.96	ng	0.00
79) Terphenyl-d14	20.12	244	1708640	95.83	ng	0.00

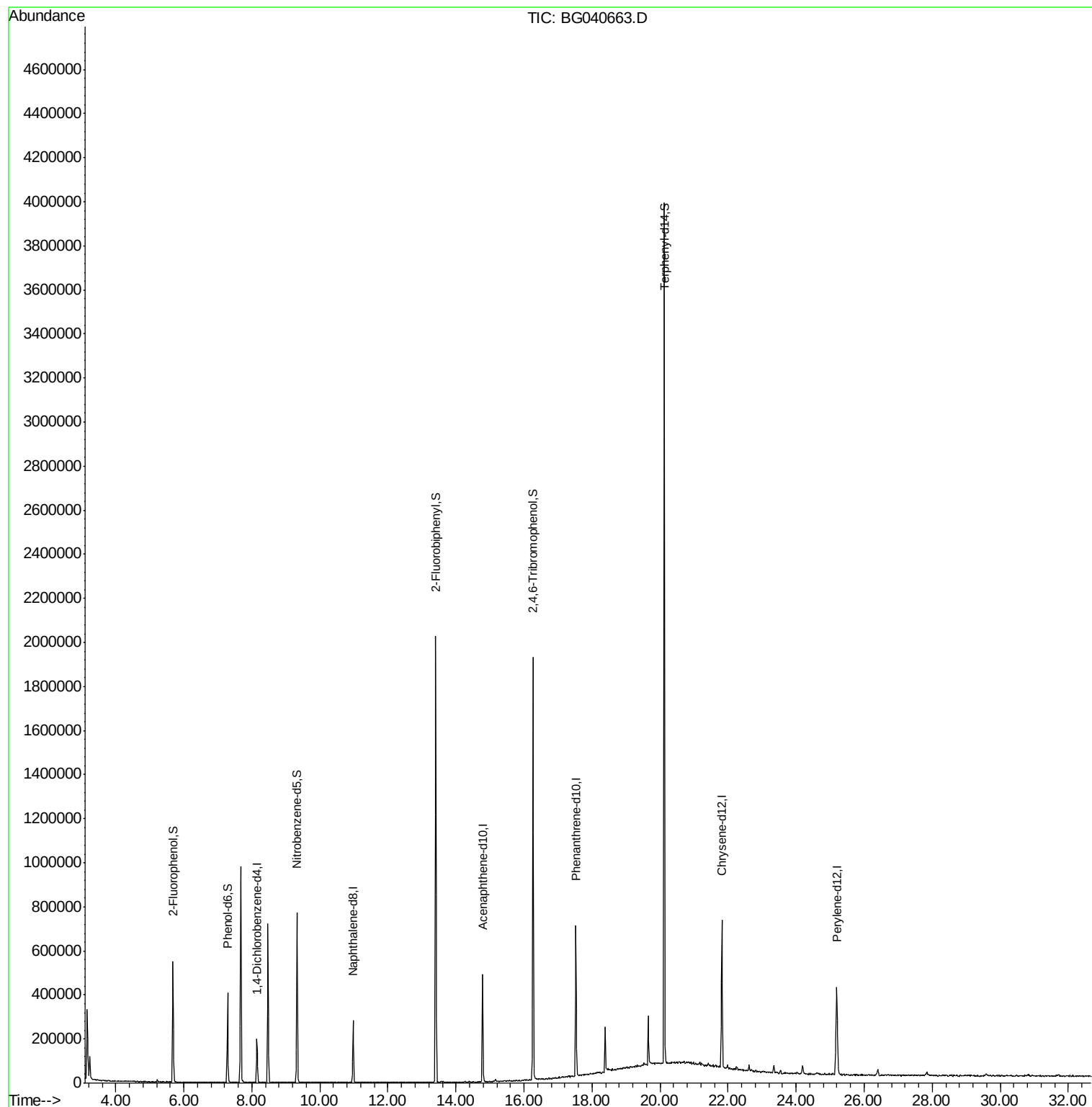
Target Compounds	Qvalue
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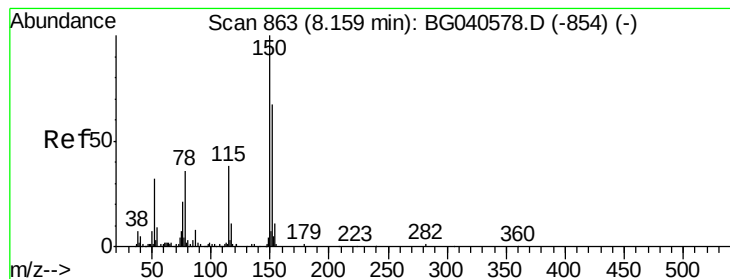
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG040663.D

Acq: 29 Apr 2019 16:03

Instrument :

BNA_G

ClientSampleId :

DRW-2

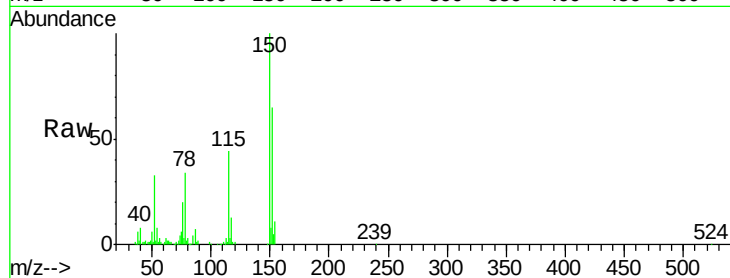
Tgt Ion:152 Resp: 49407

Ion Ratio Lower Upper

152 100

150 154.5 120.2 180.2

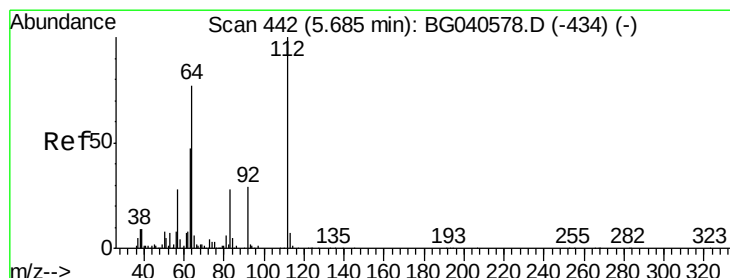
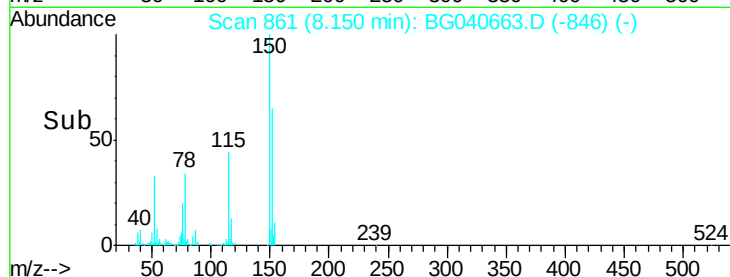
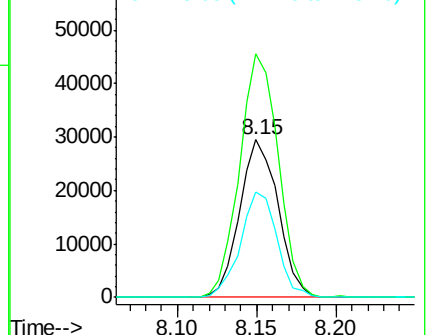
115 67.2 46.2 69.2



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: 71.249 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040663.D

Acq: 29 Apr 2019 16:03

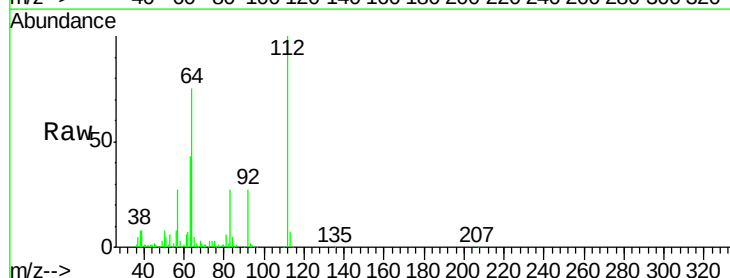
Tgt Ion:112 Resp: 199697

Ion Ratio Lower Upper

112 100

64 75.5 61.4 92.0

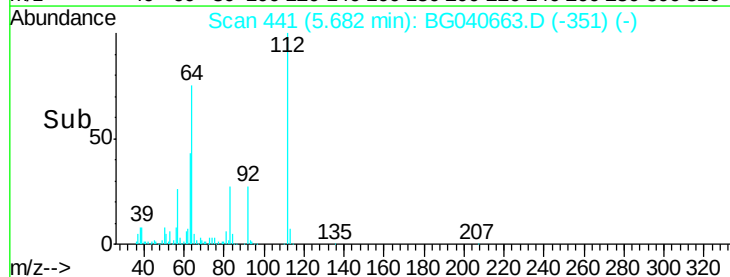
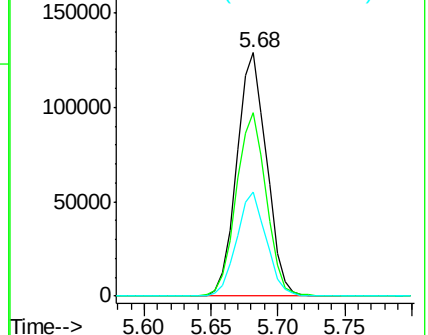
63 42.7 37.8 56.6

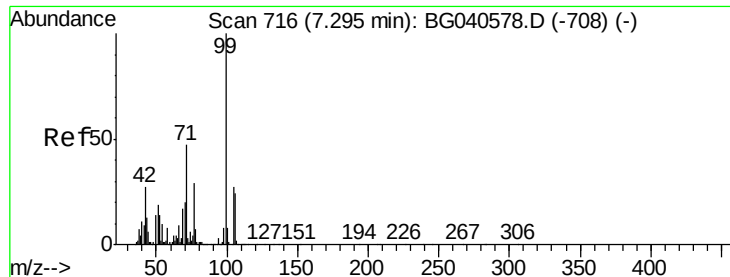


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 46.099 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040663.D

Acq: 29 Apr 2019 16:03

Instrument :

BNA_G

ClientSampleId :

DRW-2

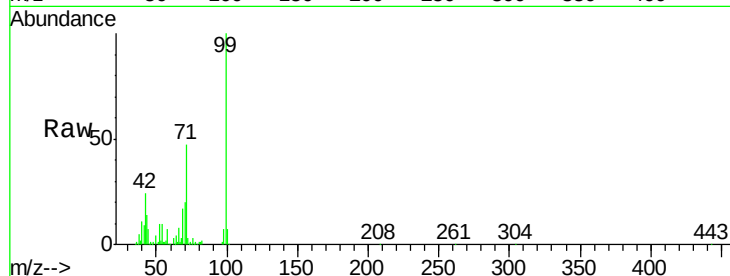
Tgt Ion: 99 Resp: 198943

Ion Ratio Lower Upper

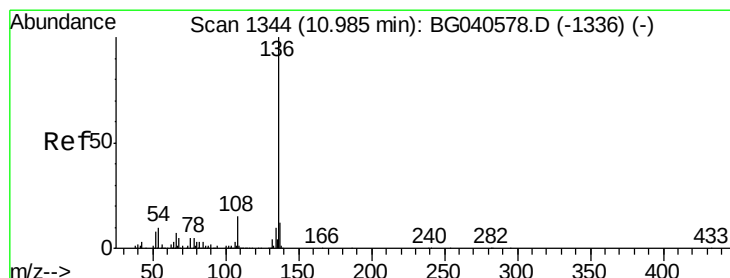
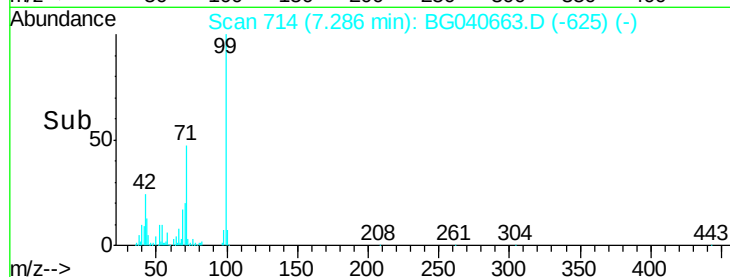
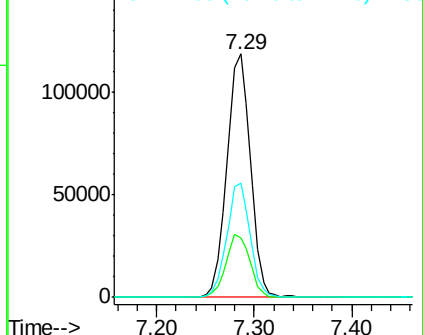
99 100

42 24.4 21.8 32.8

71 47.2 38.6 57.8



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: 10.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040663.D

Acq: 29 Apr 2019 16:03

Tgt Ion: 136 Resp: 212643

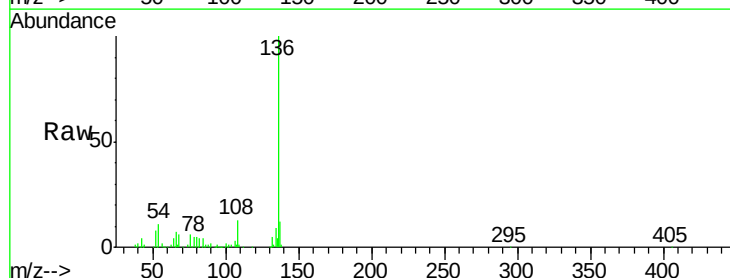
Ion Ratio Lower Upper

136 100

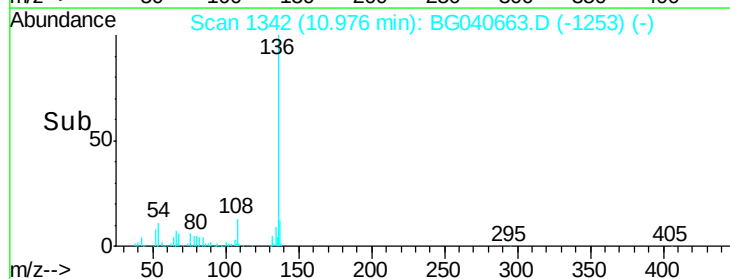
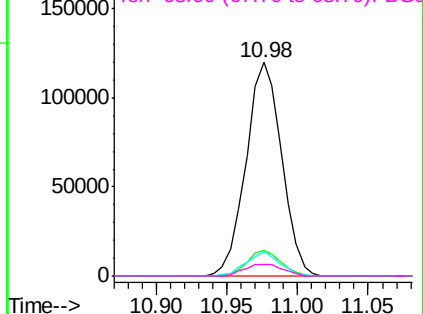
137 11.8 9.7 14.5

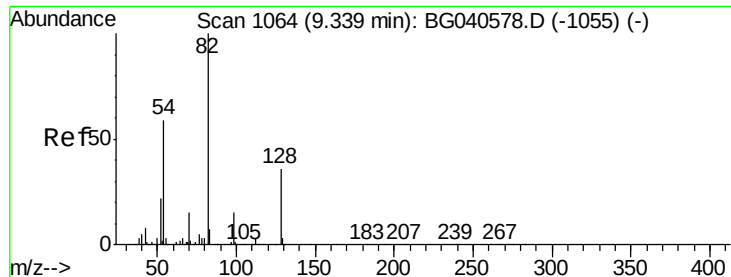
54 11.2 8.6 12.8

68 5.6 4.8 7.2



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

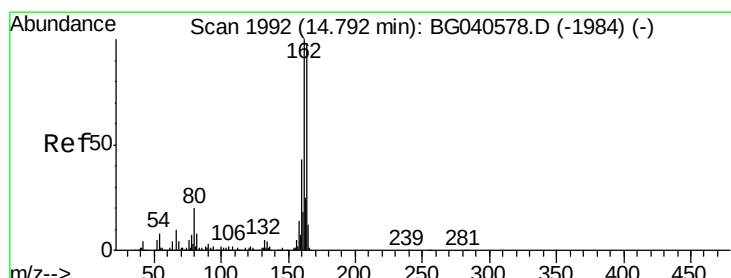
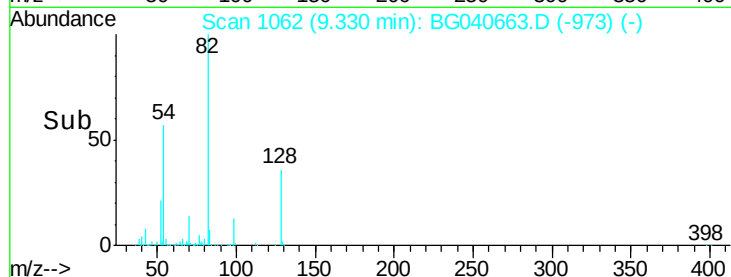
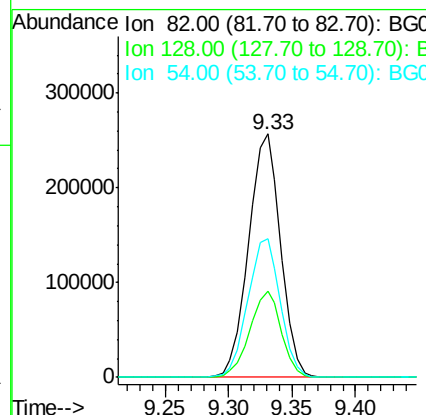
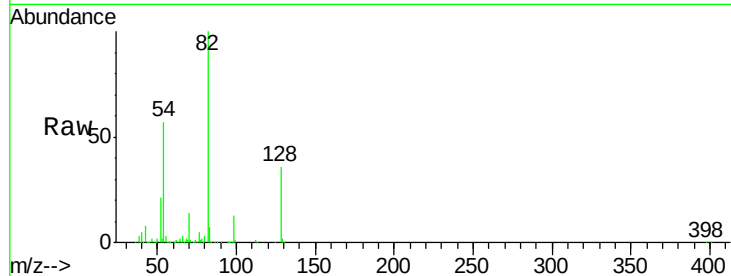




#23
 Nitrobenzene-d5
 Concen: 97.624 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040663.D
 Acq: 29 Apr 2019 16:03

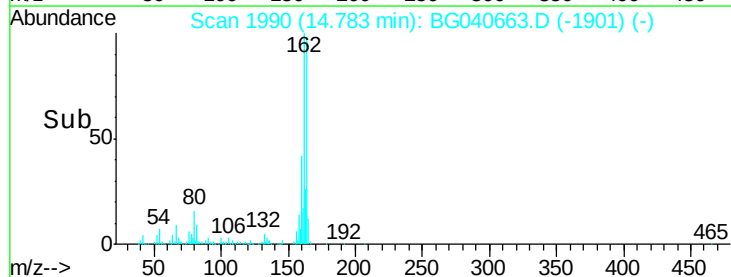
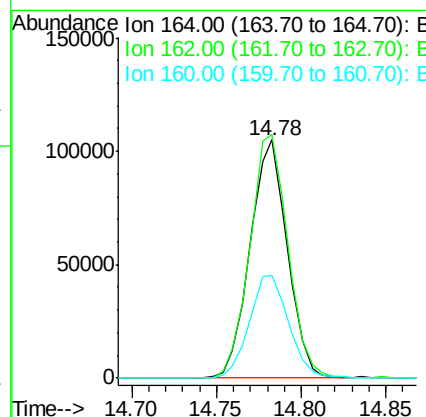
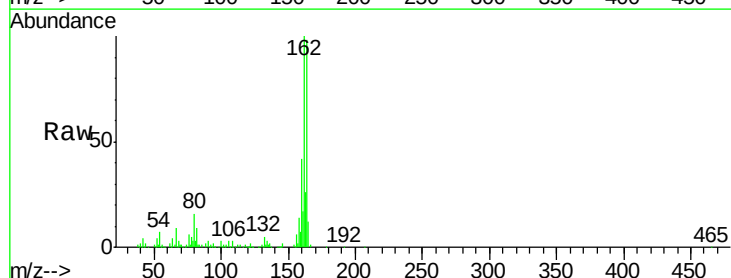
Instrument :
 BNA_G
 ClientSampleId :
 DRW-2

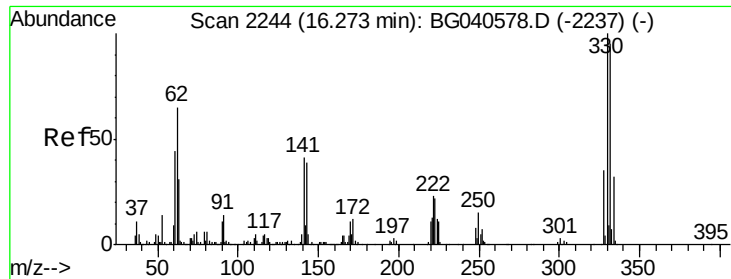
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.5	28.9	43.3
54	57.0	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG040663.D
 Acq: 29 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.9	122.9
160	43.0	35.4	53.2

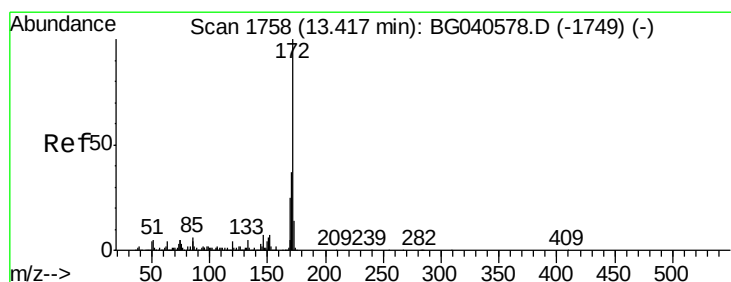
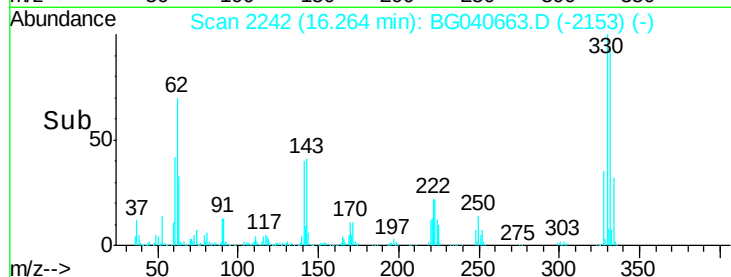
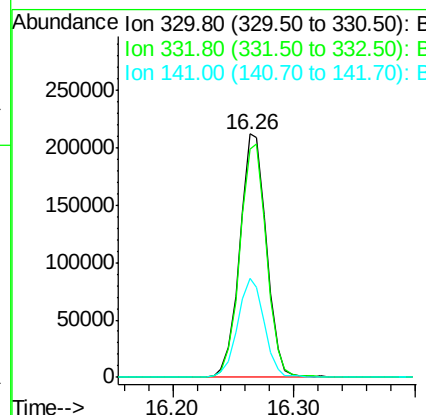
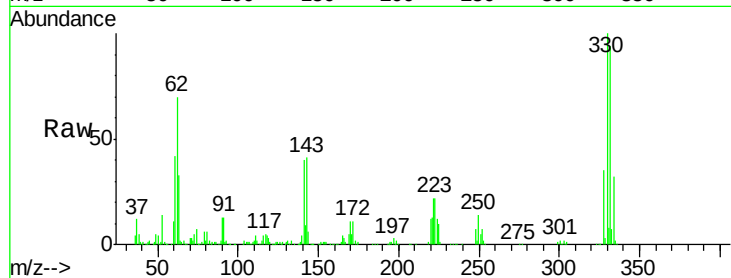




#42
 2,4,6-Tribromophenol
 Concen: 148.046 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040663.D
 Acq: 29 Apr 2019 16:03

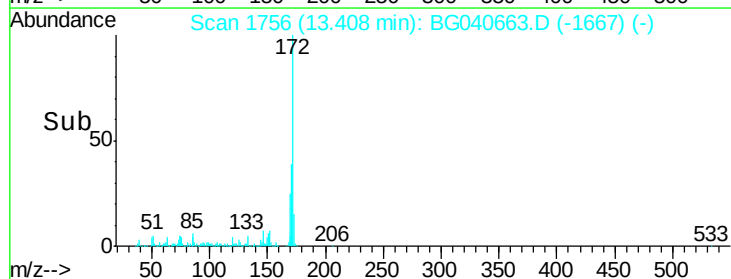
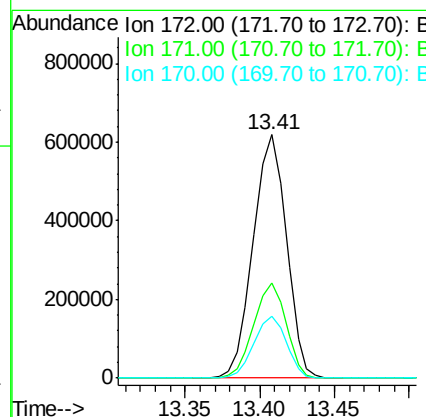
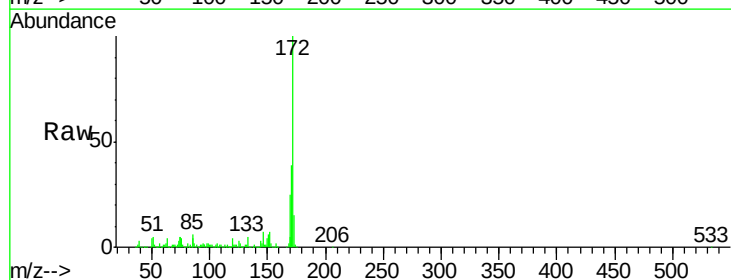
Instrument :
 BNA_G
 ClientSampled :
 DRW-2

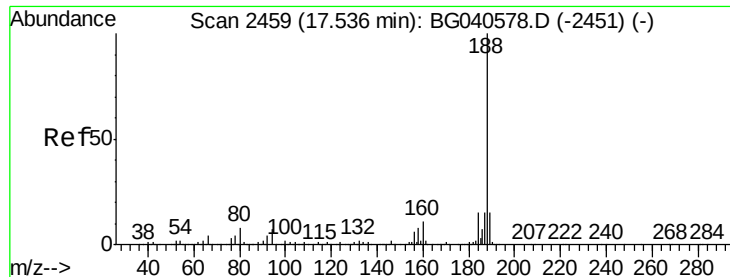
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.9	113.9
141	40.4	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 85.963 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG040663.D
 Acq: 29 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.4	44.2
170	25.3	19.9	29.9

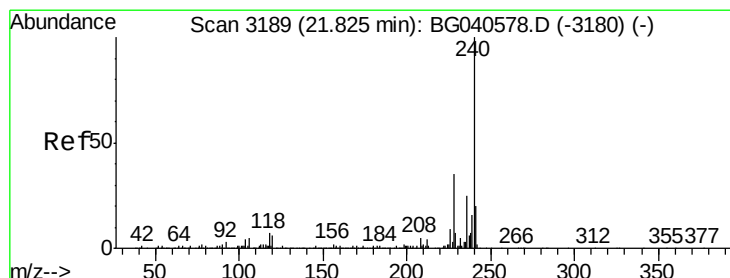
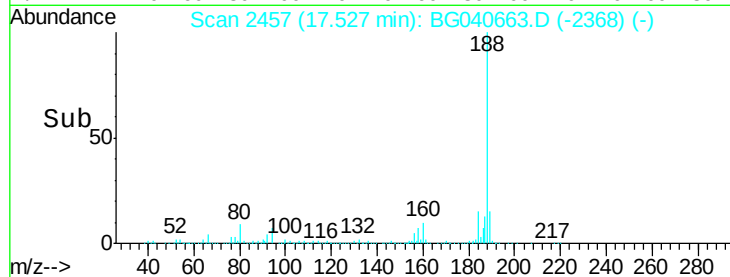
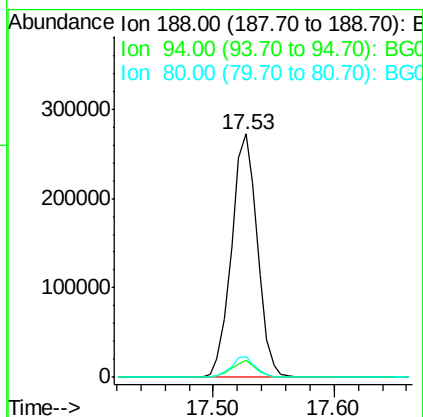
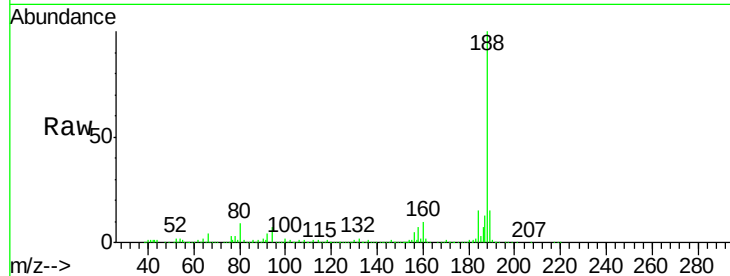




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040663.D
Acq: 29 Apr 2019 16:03

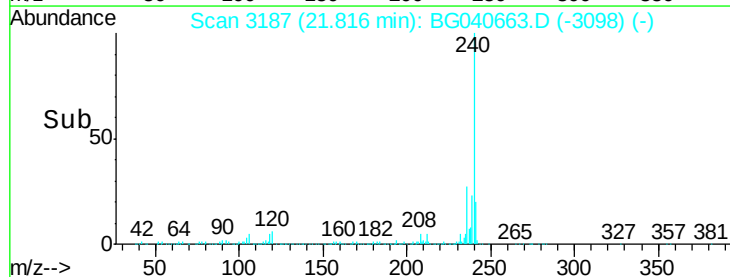
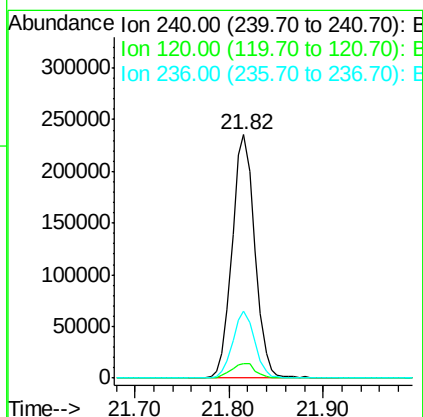
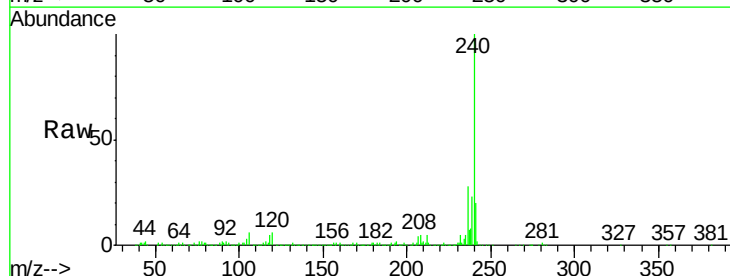
Instrument :
BNA_G
ClientSampleId :
DRW-2

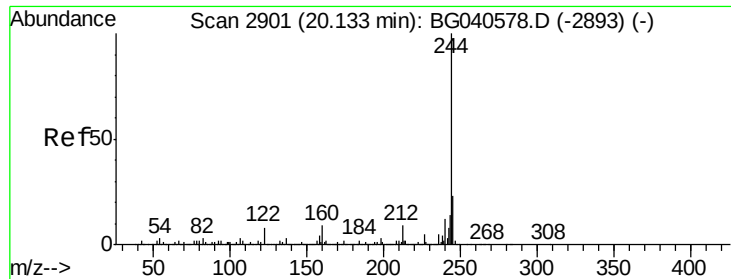
Tgt Ion:188 Resp: 405932
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 8.6 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3187
Delta R.T. -0.01 min
Lab File: BG040663.D
Acq: 29 Apr 2019 16:03

Tgt Ion:240 Resp: 395024
Ion Ratio Lower Upper
240 100
120 5.8 5.0 7.6
236 27.5 20.3 30.5





#79

Terphenyl-d14

Concen: 95.826 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG040663.D

Acq: 29 Apr 2019 16:03

Instrument :

BNA_G

ClientSampleId :

DRW-2

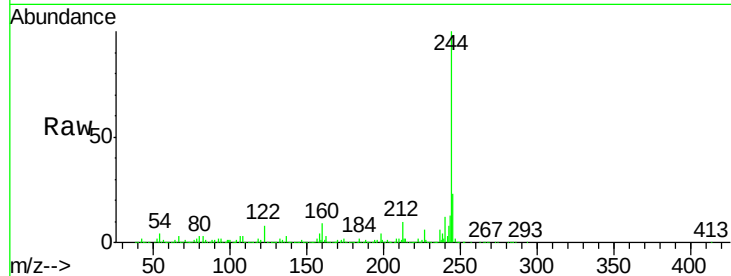
Tgt Ion:244 Resp: 1708640

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

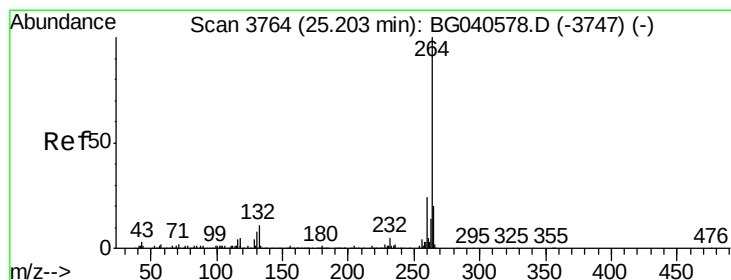
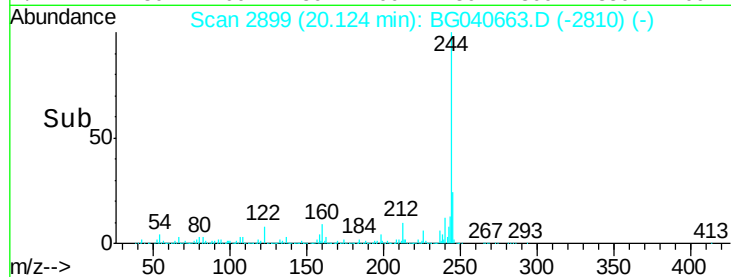
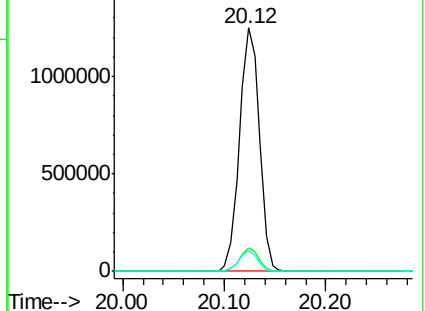
122 8.3 6.6 10.0



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: 25.19 min Scan# 3761

Delta R.T. -0.01 min

Lab File: BG040663.D

Acq: 29 Apr 2019 16:03

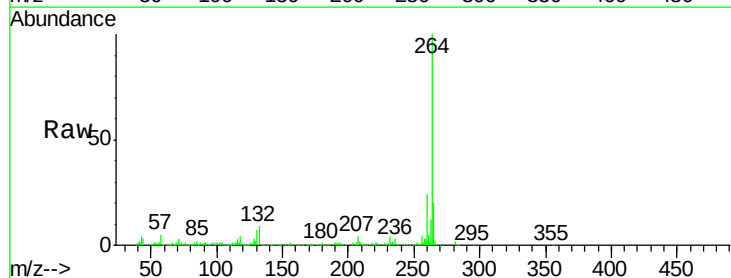
Tgt Ion:264 Resp: 425960

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.1 16.6 25.0



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

