

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
 Data File : BG040662.D
 Acq On : 29 Apr 2019 15:25
 Operator : JU/SJ
 Sample : K2576-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Apr 30 03:16:19 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	50046	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	215330	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	158661	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	400711	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	394371	20.00	ng	-0.02
87) Perylene-d12	25.18	264	421886	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	219891	77.45	ng	0.00
7) Phenol-d6	7.28	99	218088	49.89	ng	-0.01
23) Nitrobenzene-d5	9.33	82	458821	98.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	328272	150.53	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	970328	88.32	ng	-0.01
79) Terphenyl-d14	20.12	244	1733748	97.40	ng	-0.01

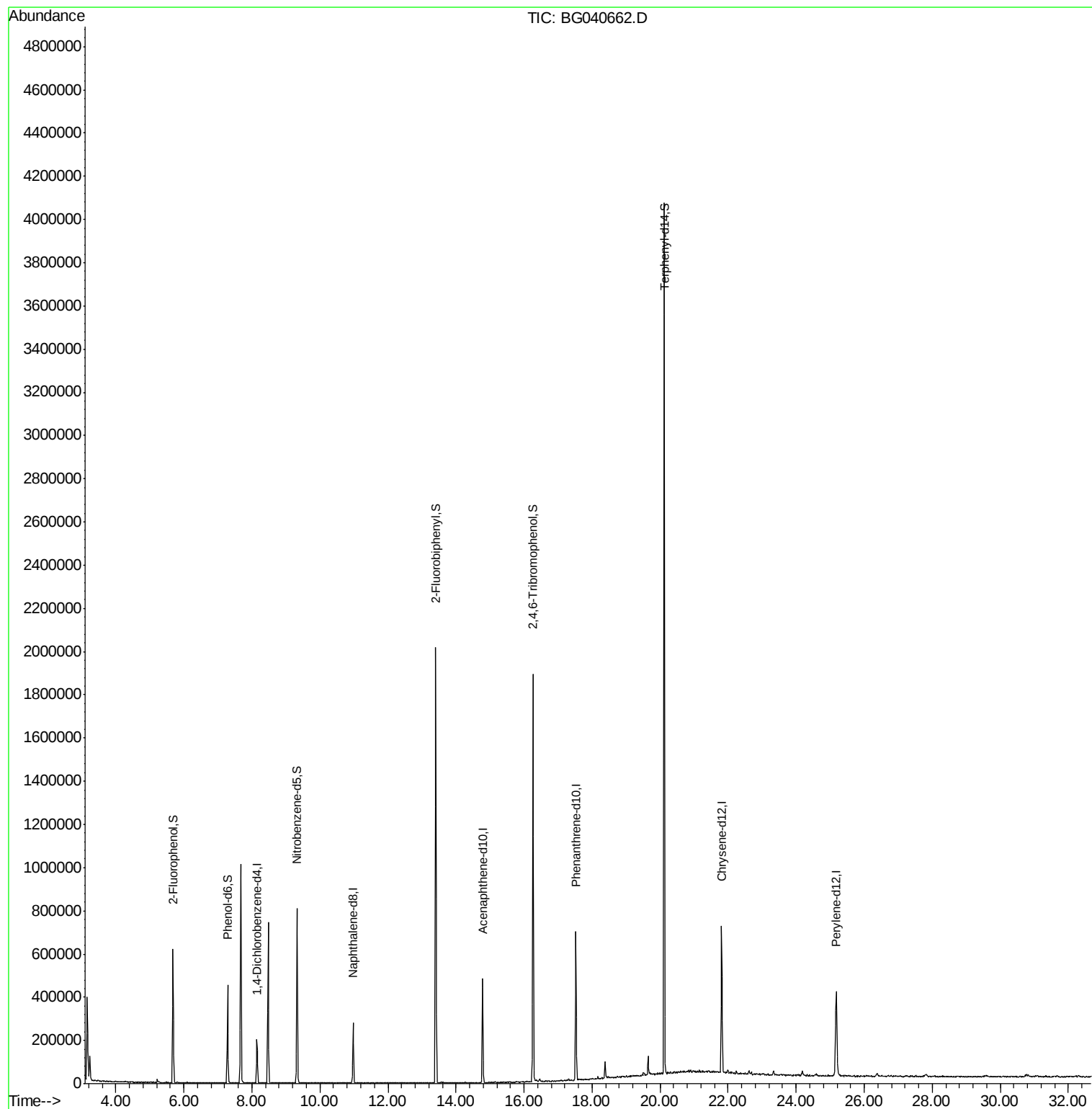
Target Compounds	Qvalue
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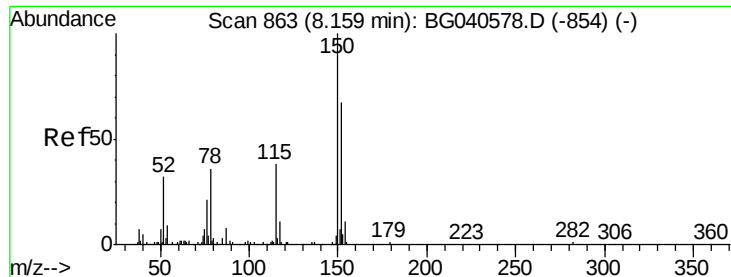
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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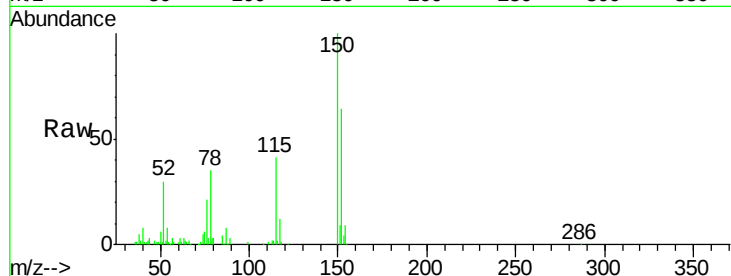


#1

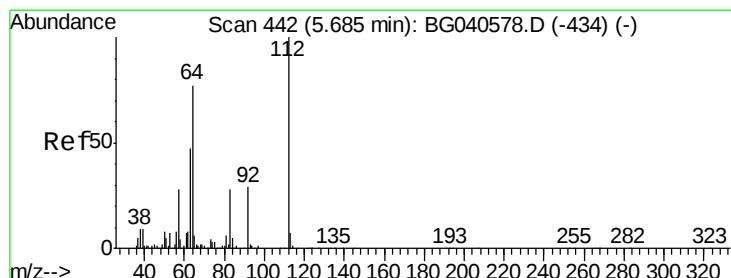
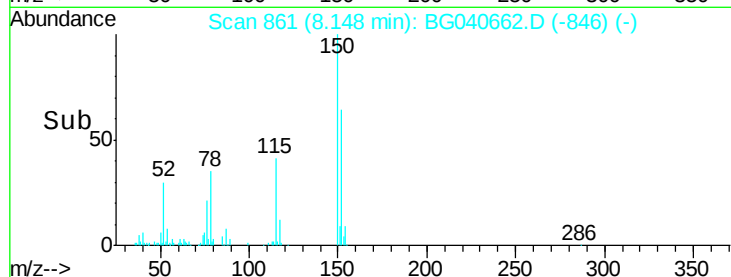
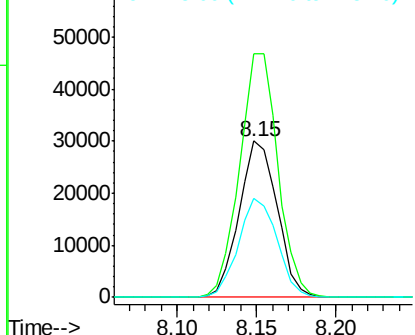
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040662.D
Acq: 29 Apr 2019 15:25

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 50046
Ion Ratio Lower Upper
152 100
150 156.0 120.2 180.2
115 63.4 46.2 69.2



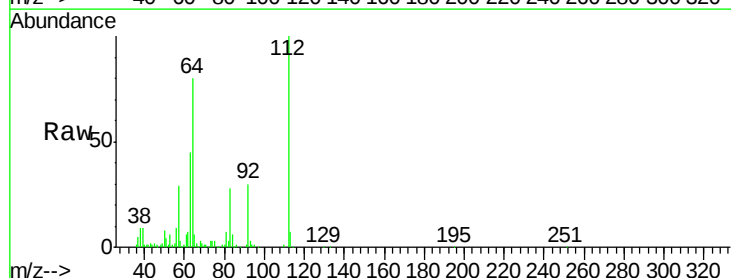
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



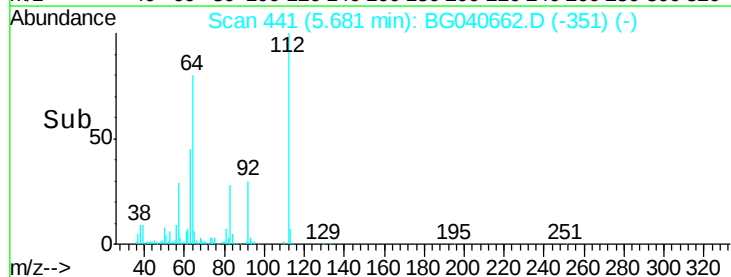
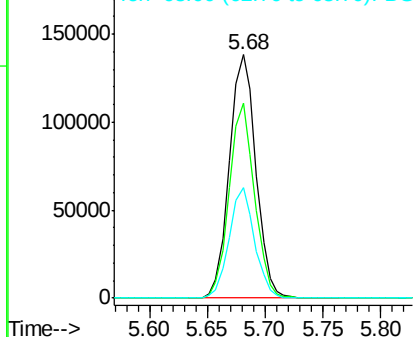
#5

2-Fluorophenol
Concen: 77.452 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040662.D
Acq: 29 Apr 2019 15:25

Tgt Ion:112 Resp: 219891
Ion Ratio Lower Upper
112 100
64 79.9 61.4 92.0
63 45.4 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: 49.890 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040662.D

Acq: 29 Apr 2019 15:25

Instrument :

BNA_G

ClientSampleId :

MW-3

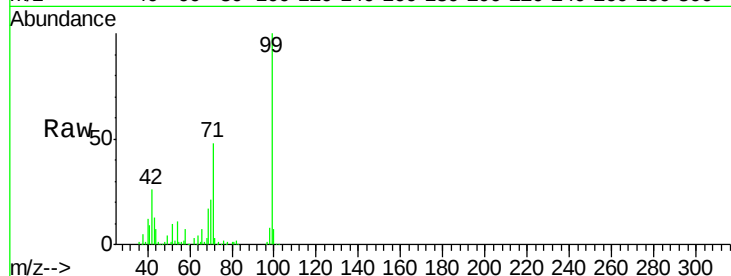
Tgt Ion: 99 Resp: 218088

Ion Ratio Lower Upper

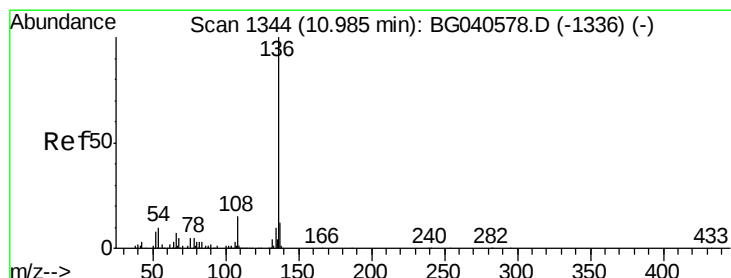
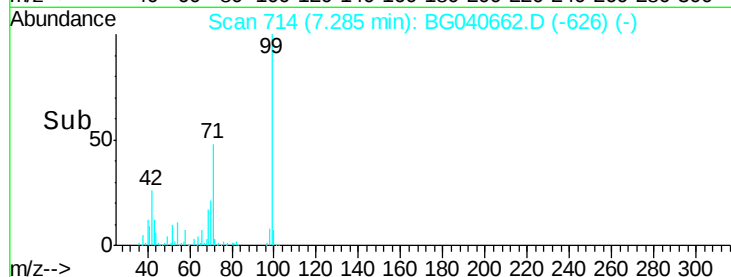
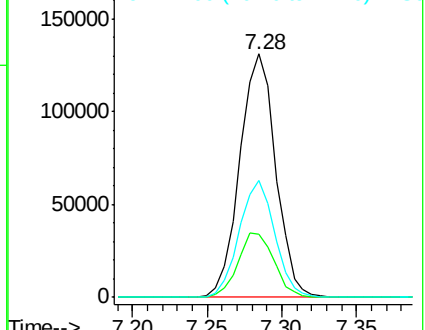
99 100

42 26.1 21.8 32.8

71 48.0 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: 10.97 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040662.D

Acq: 29 Apr 2019 15:25

Tgt Ion: 136 Resp: 215330

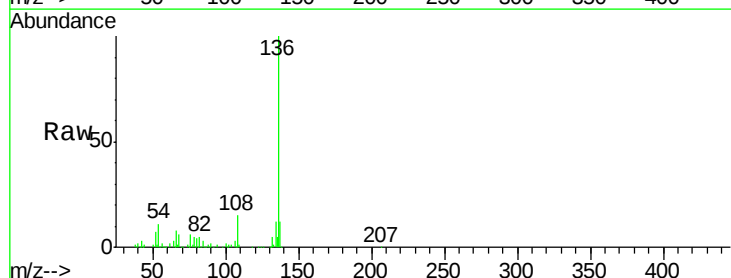
Ion Ratio Lower Upper

136 100

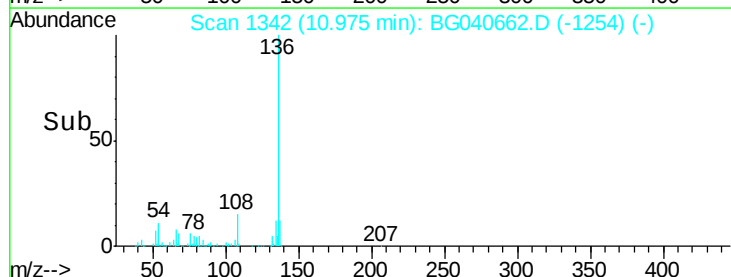
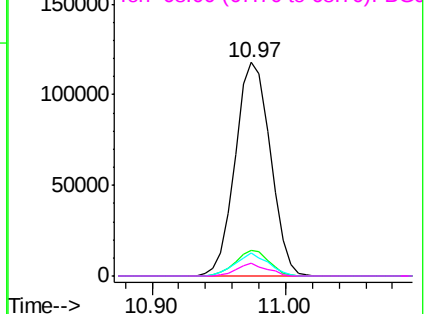
137 11.8 9.7 14.5

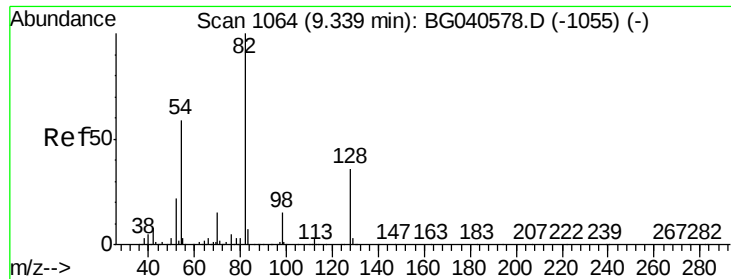
54 10.8 8.6 12.8

68 6.1 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

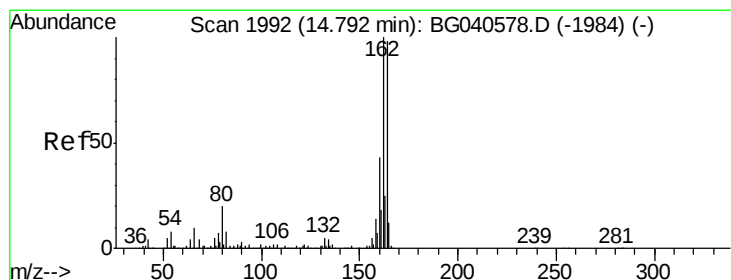
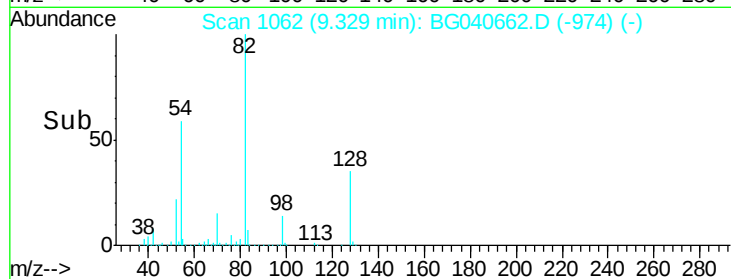
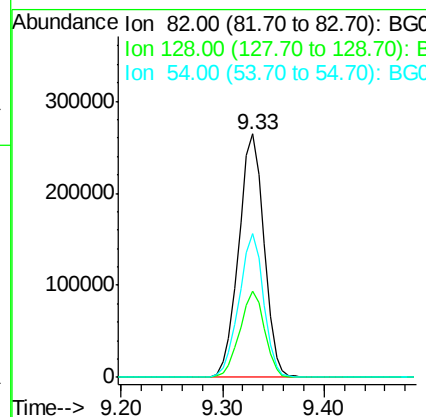
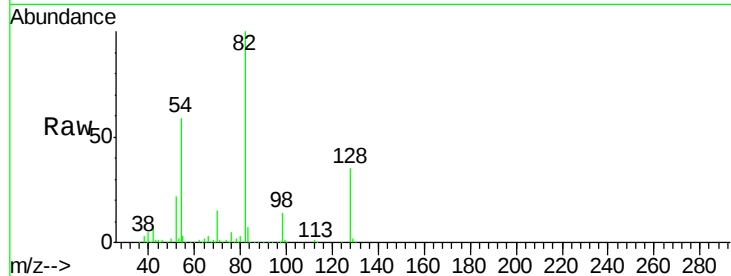




#23
Nitrobenzene-d5
Concen: 98.455 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG040662.D
Acq: 29 Apr 2019 15:25

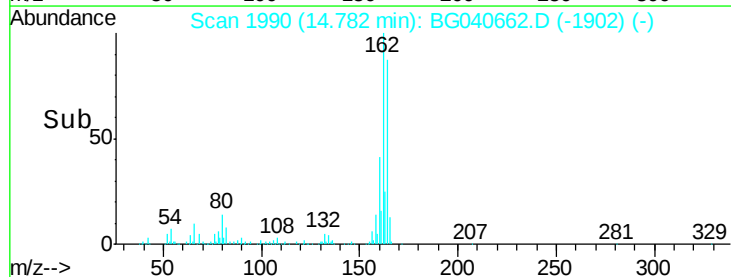
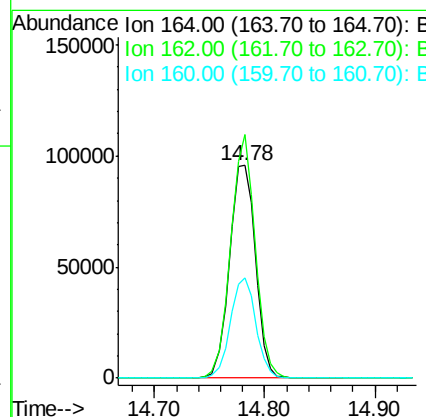
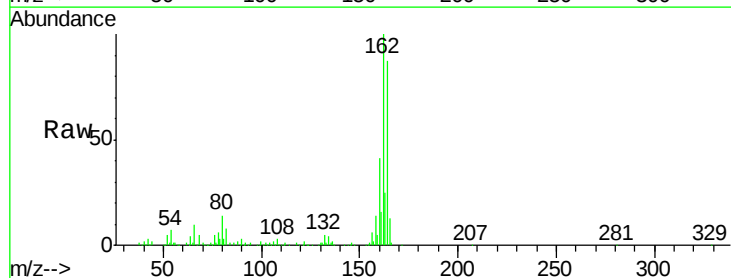
Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.5	28.9	43.3
54	58.9	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: BG040662.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	114.6	81.9	122.9
160	46.9	35.4	53.2

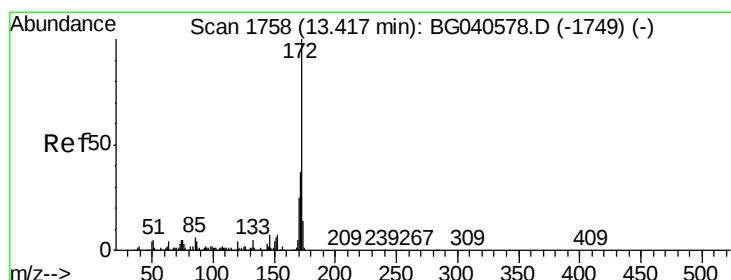
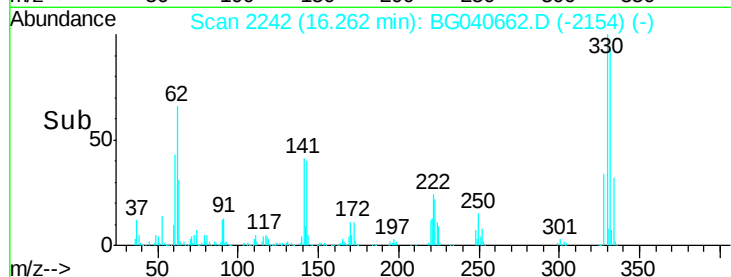
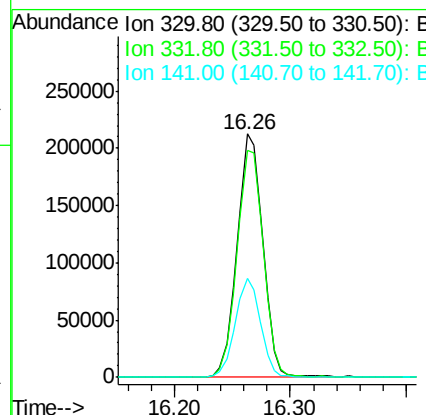
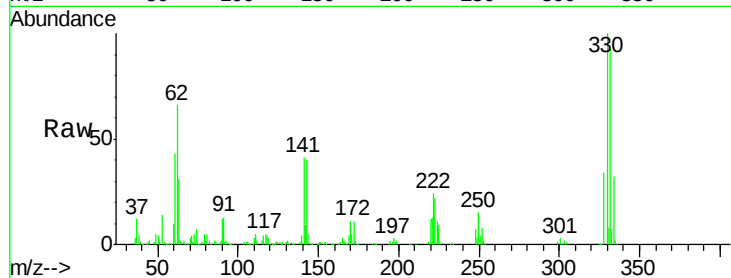




#42
 2,4,6-Tribromophenol
 Concen: 150.526 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040662.D
 Acq: 29 Apr 2019 15:25

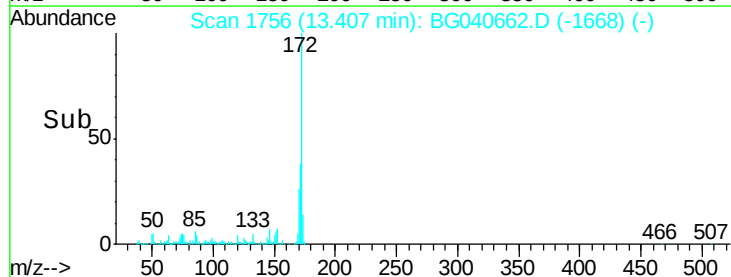
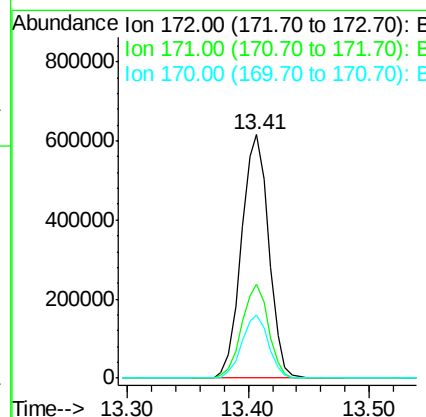
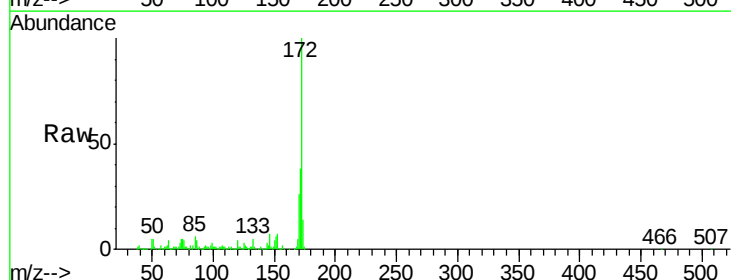
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

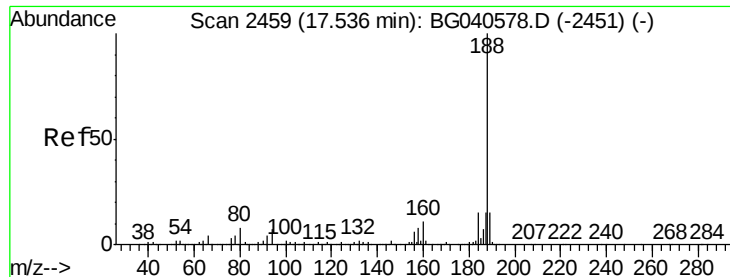
Tgt Ion:330 Resp: 328272
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.9 113.9
 141 39.9 32.4 48.6



#45
 2-Fluorobiphenyl
 Concen: 88.323 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG040662.D
 Acq: 29 Apr 2019 15:25

Tgt Ion:172 Resp: 970328
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.4 44.2
 170 25.9 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: BG040662.D

Acq: 29 Apr 2019 15:25

Instrument :

BNA_G

ClientSampleId :

MW-3

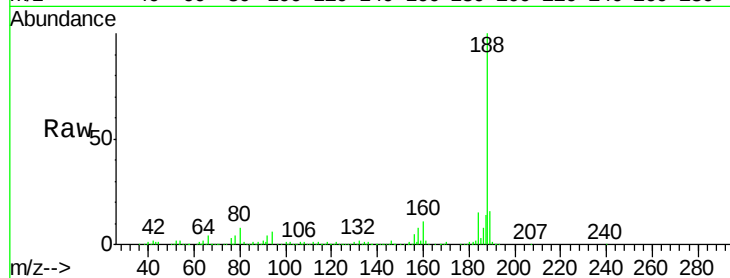
Tgt Ion:188 Resp: 400711

Ion Ratio Lower Upper

188 100

94 6.3 5.6 8.4

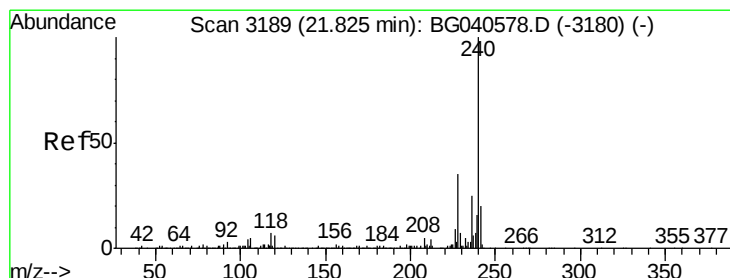
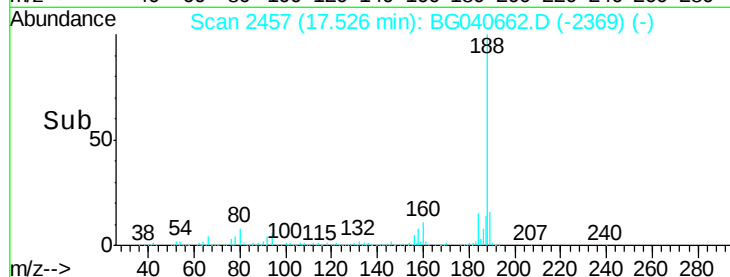
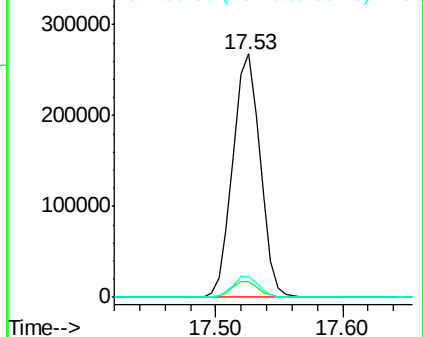
80 8.5 6.4 9.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040662.D

Acq: 29 Apr 2019 15:25

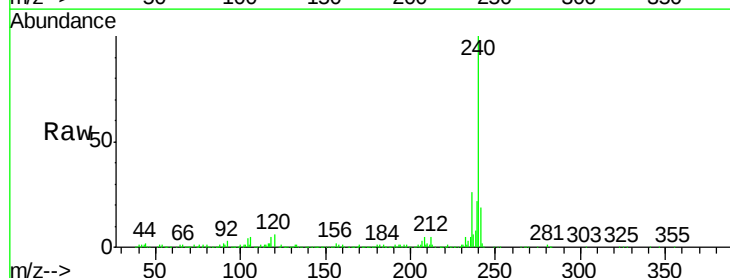
Tgt Ion:240 Resp: 394371

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.6

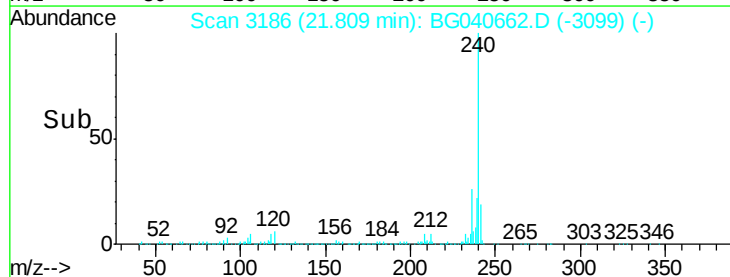
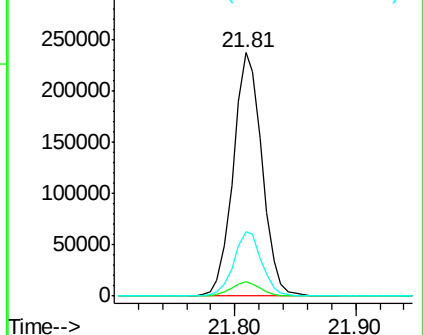
236 26.3 20.3 30.5

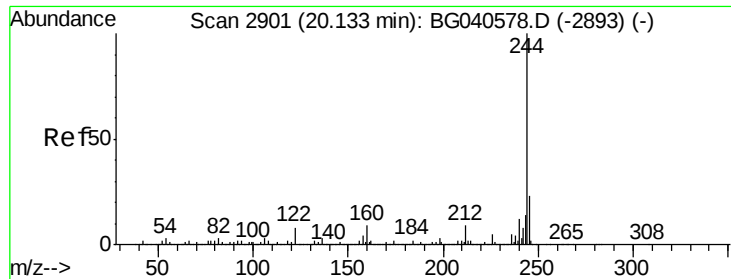


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.395 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG040662.D

Acq: 29 Apr 2019 15:25

Instrument :

BNA_G

ClientSampleId :

MW-3

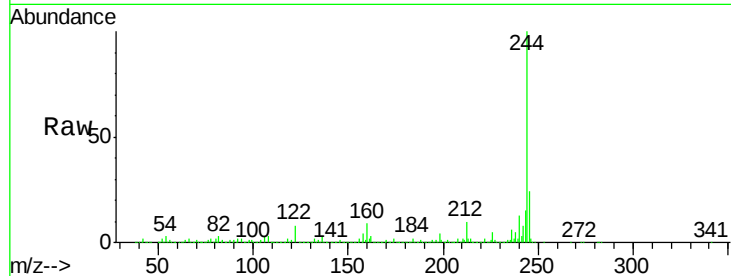
Tgt Ion:244 Resp: 1733748

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

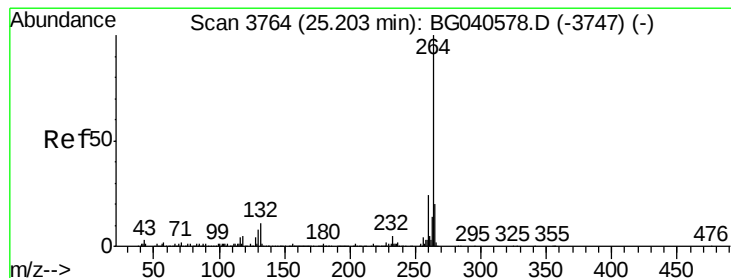
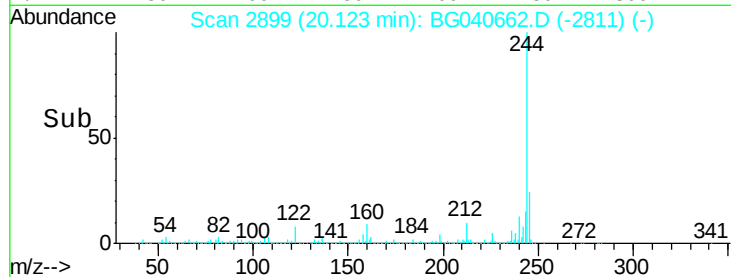
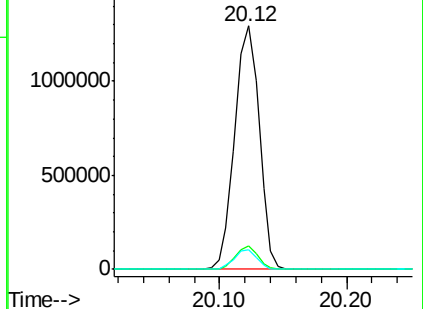
122 8.2 6.6 10.0



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: 25.18 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG040662.D

Acq: 29 Apr 2019 15:25

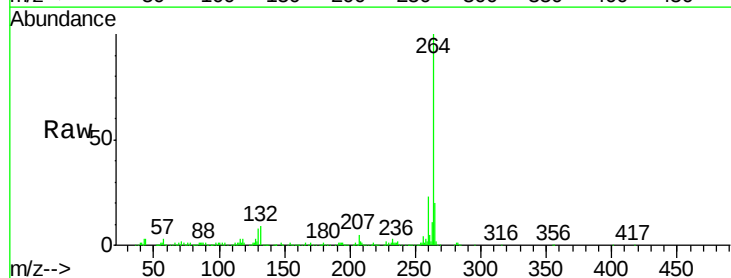
Tgt Ion:264 Resp: 421886

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 19.9 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

