

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040643.D
 Acq On : 27 Apr 2019 1:02
 Operator : JU/SJ
 Sample : PB119239TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119239TB

Quant Time: Apr 27 04:37:06 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	8.16	152	35006	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	141124	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	100686	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	282830	20.00	ng	0.00
76) Chrysene-d12	21.82	240	297669	20.00	ng	0.00
87) Perylene-d12	25.19	264	312450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	345588	174.02	ng	0.00
7) Phenol-d6	7.29	99	507344	165.93	ng	0.00
23) Nitrobenzene-d5	9.33	82	351547	115.10	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	246426	178.06	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	739702	106.10	ng	0.00
79) Terphenyl-d14	20.13	244	1552901	115.58	ng	0.00

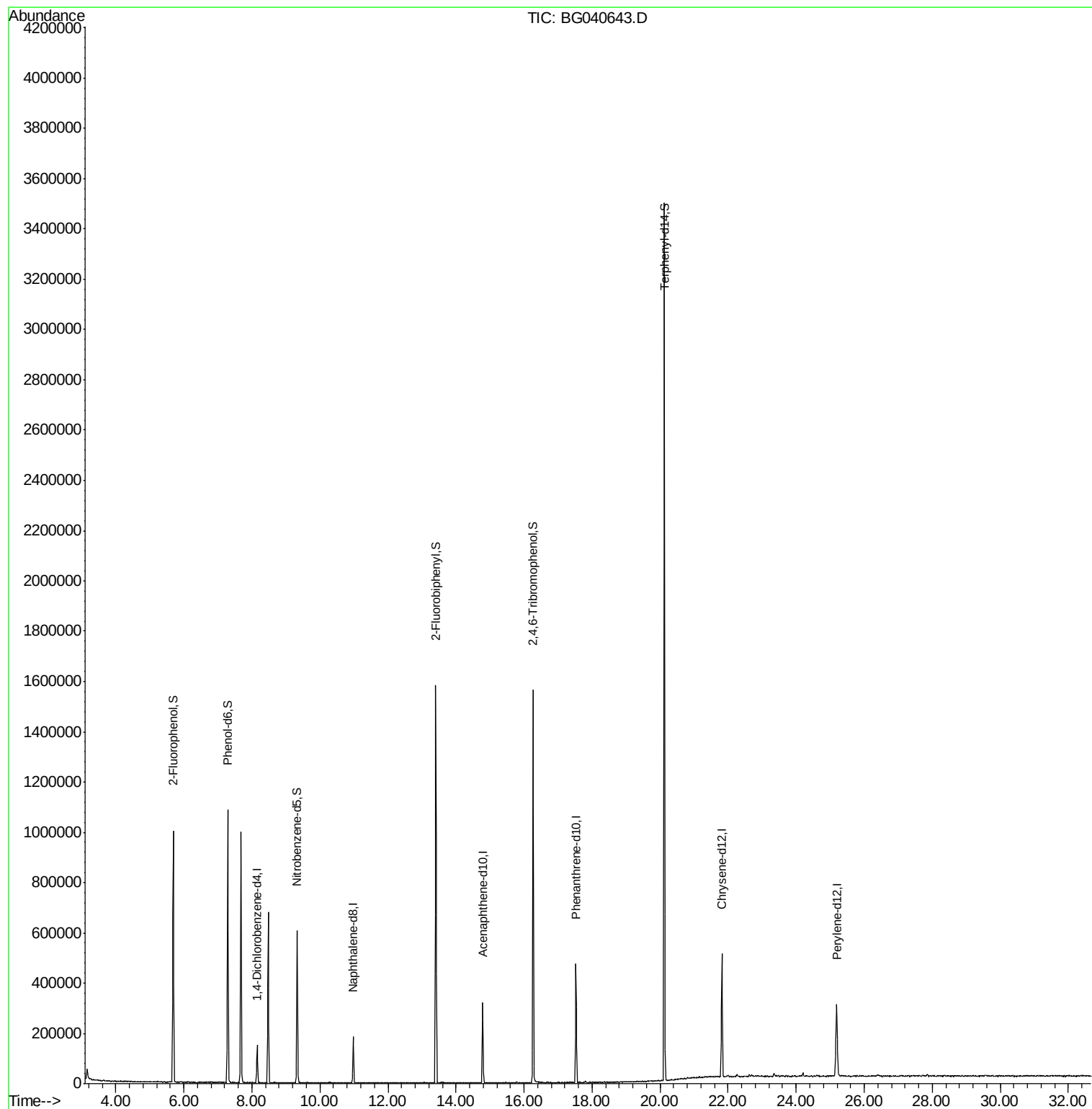
Target Compounds	Qvalue
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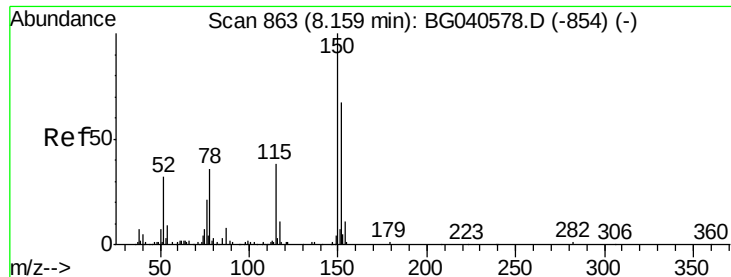
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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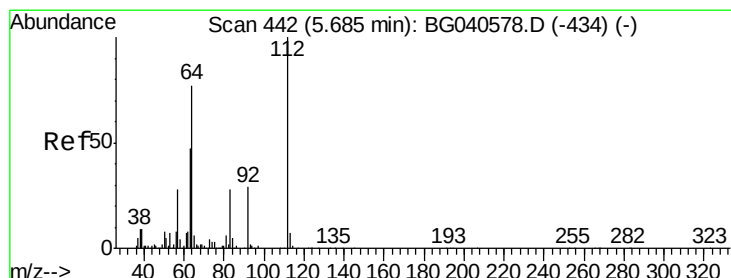
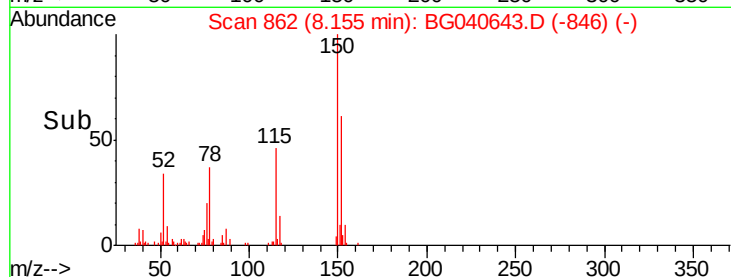
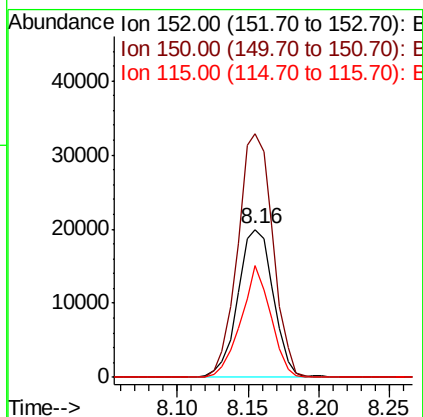
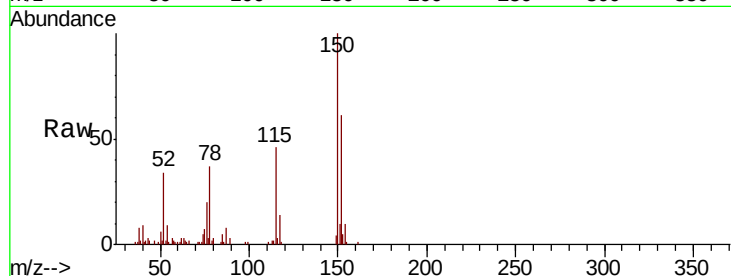


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB119239TB

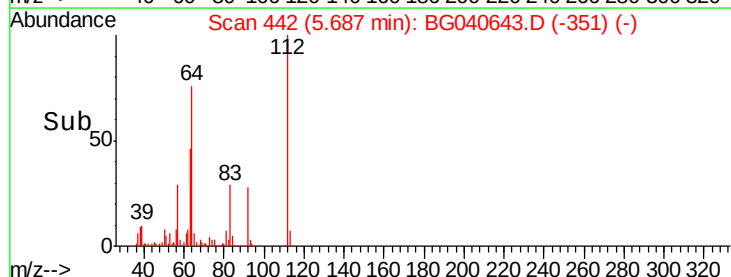
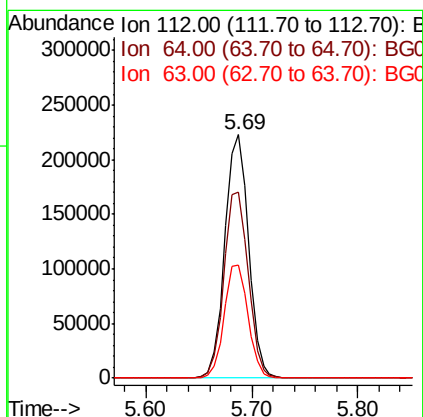
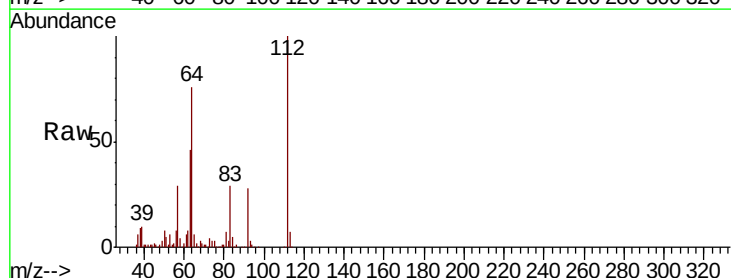
Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.6	120.2	180.2
115	75.3	46.2	69.2

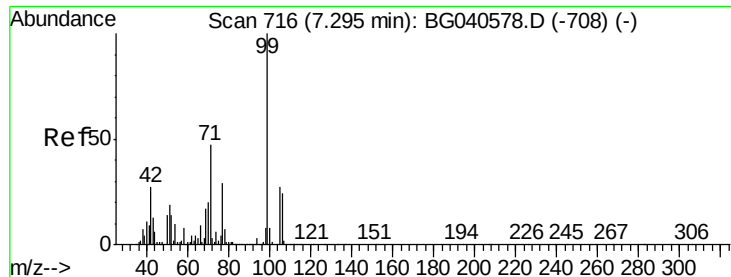


#5

2-Fluorophenol
Concen: 174.025 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040643.D
Acq: 27 Apr 2019 1:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.5	61.4	92.0
63	46.2	37.8	56.6





#7

Phenol-d6

Concen: 165.926 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040643.D

Acq: 27 Apr 2019 1:02

Instrument :

BNA_G

ClientSampleId :

PB119239TB

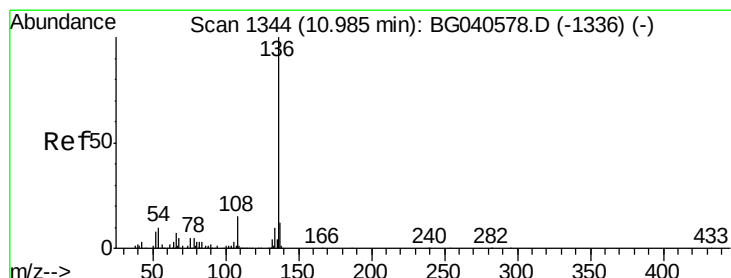
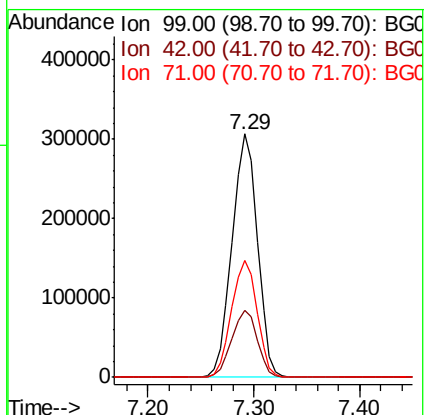
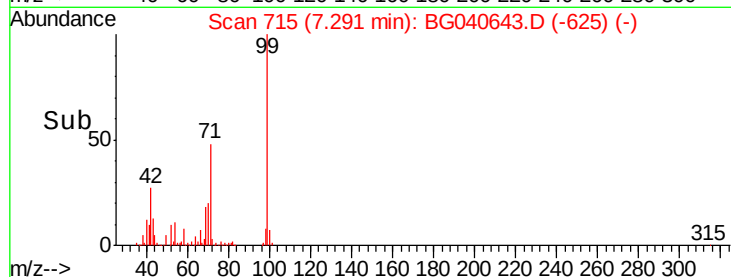
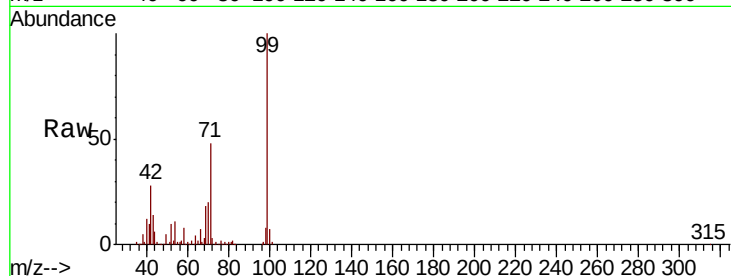
Tgt Ion: 99 Resp: 507344

Ion Ratio Lower Upper

99 100

42 27.5 21.8 32.8

71 48.2 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG040643.D

Acq: 27 Apr 2019 1:02

Tgt Ion: 136 Resp: 141124

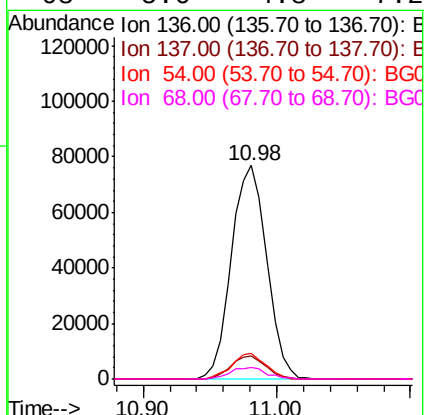
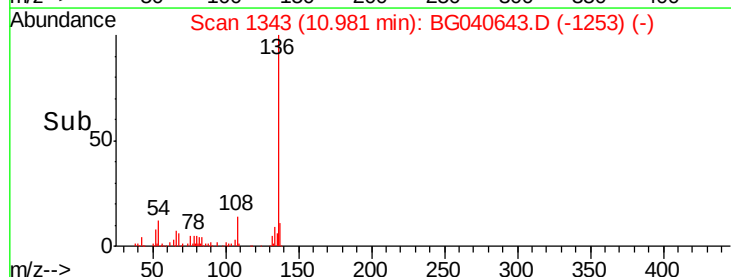
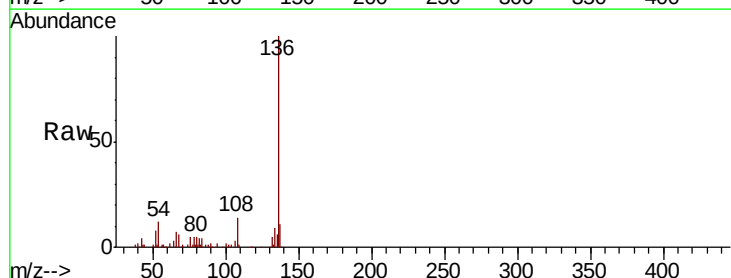
Ion Ratio Lower Upper

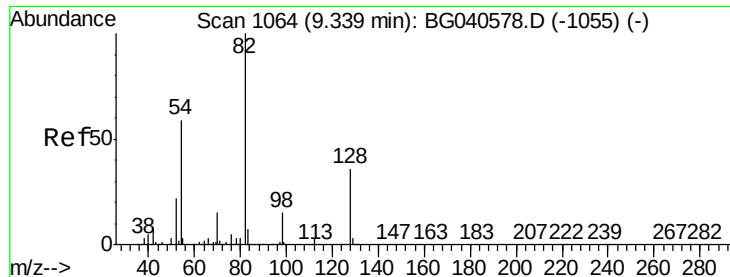
136 100

137 11.1 9.7 14.5

54 12.1 8.6 12.8

68 5.6 4.8 7.2

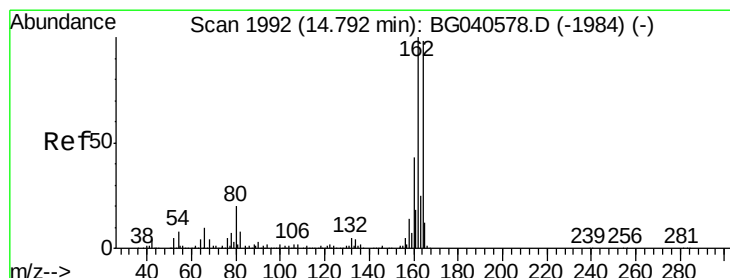
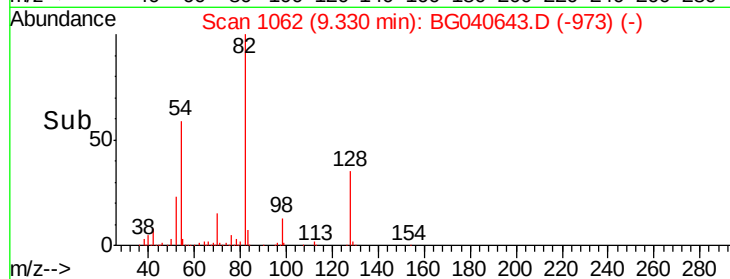
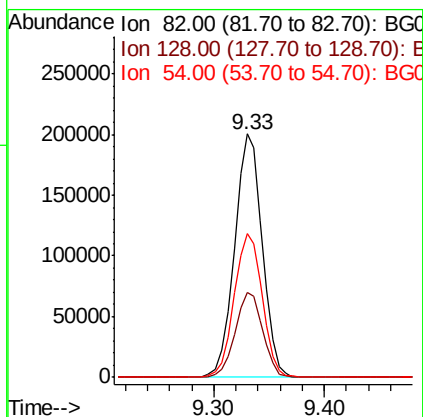
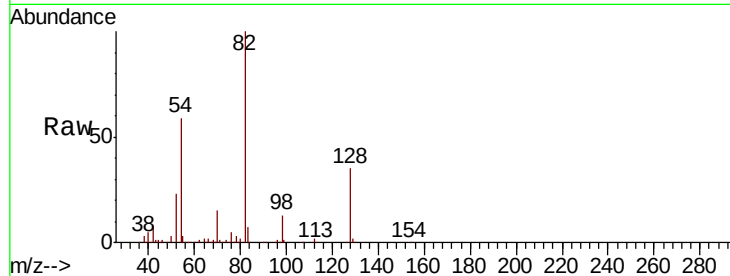




#23
 Nitrobenzene-d5
 Concen: 115.102 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040643.D
 Acq: 27 Apr 2019 1:02

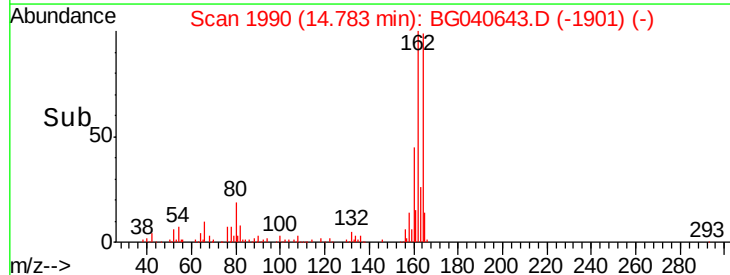
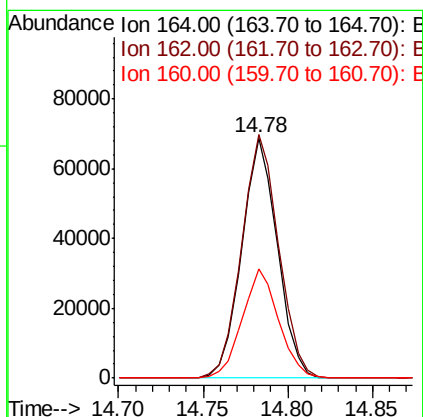
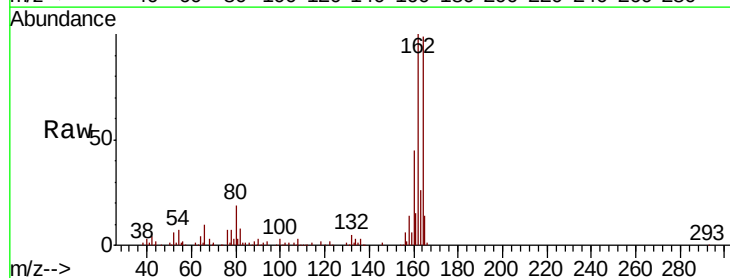
Instrument :
 BNA_G
 ClientSampleId :
 PB119239TB

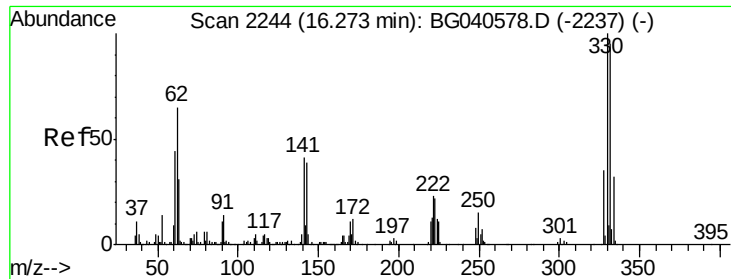
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.8	28.9	43.3
54	58.9	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG040643.D
 Acq: 27 Apr 2019 1:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.9	122.9
160	45.5	35.4	53.2

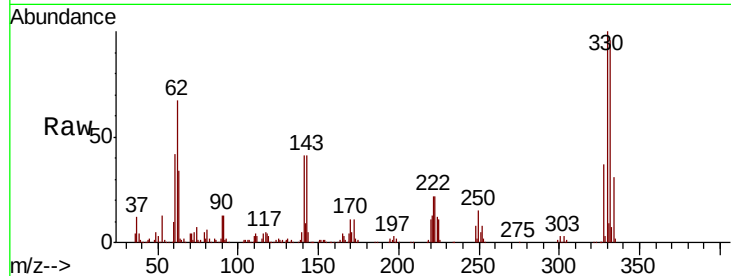




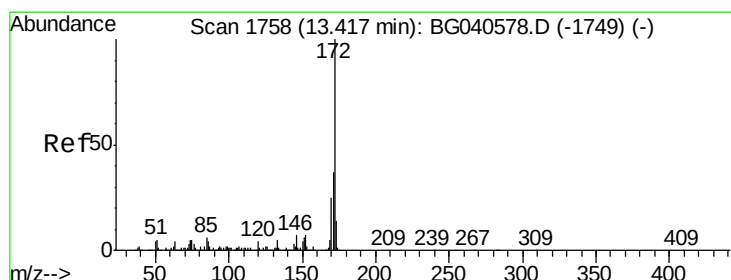
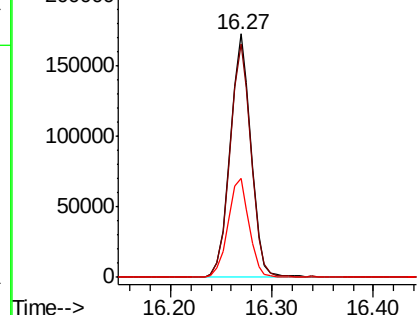
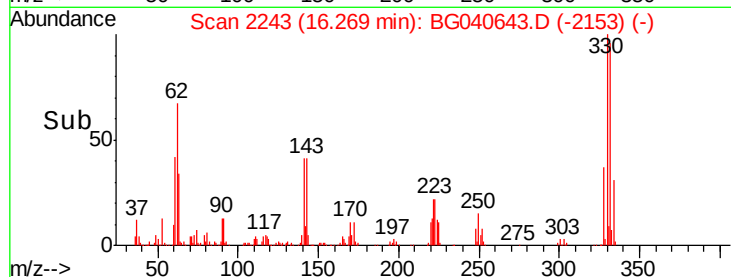
#42
 2,4,6-Tribromophenol
 Concen: 178.060 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: BG040643.D
 Acq: 27 Apr 2019 1:02

Instrument :
 BNA_G
 ClientSampleId :
 PB119239TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.9	113.9
141	41.1	32.4	48.6

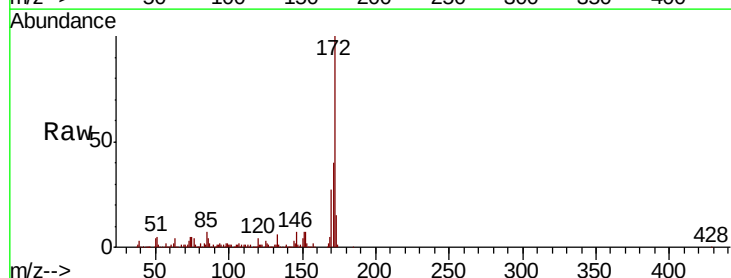


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

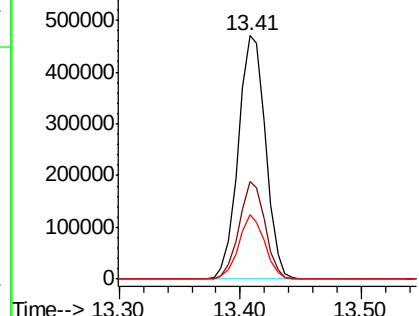
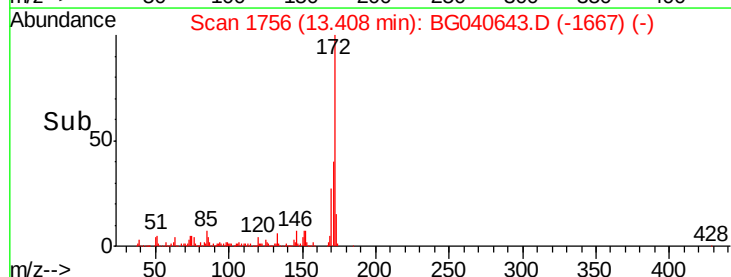


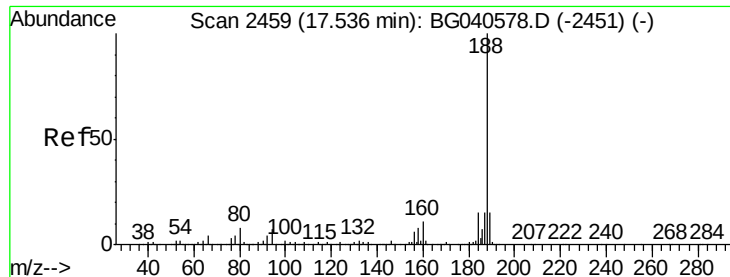
#45
 2-Fluorobiphenyl
 Concen: 106.100 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG040643.D
 Acq: 27 Apr 2019 1:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	29.4	44.2
170	26.7	19.9	29.9



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# 2457

Delta R.T. -0.01 min

Lab File: BG040643.D

Acq: 27 Apr 2019 1:02

Instrument :

BNA_G

ClientSampleId :

PB119239TB

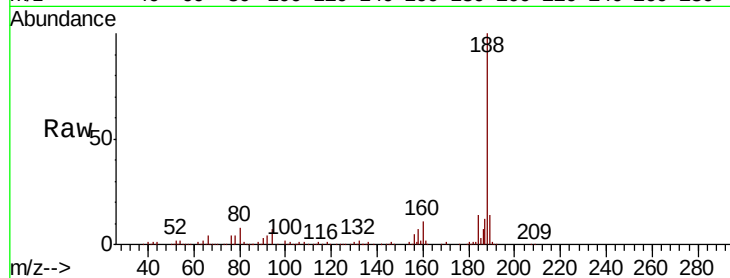
Tgt Ion:188 Resp: 282830

Ion Ratio Lower Upper

188 100

94 7.2 5.6 8.4

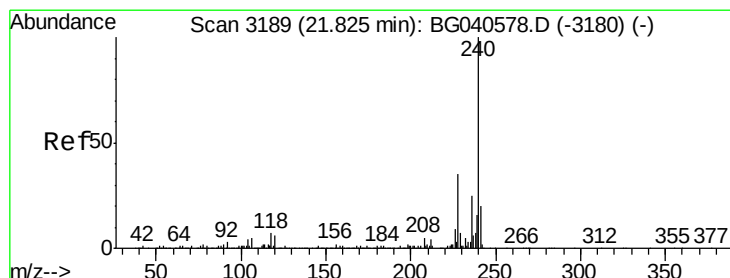
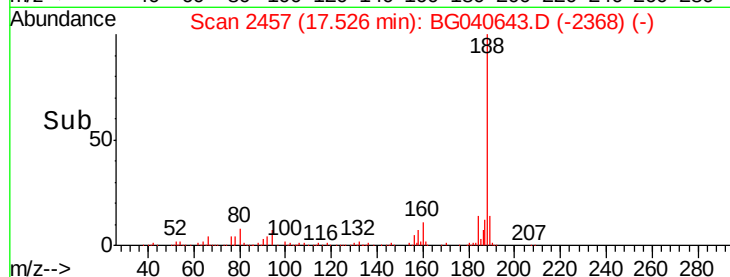
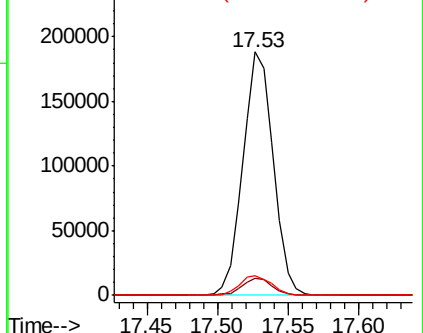
80 7.9 6.4 9.6



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: 21.82 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040643.D

Acq: 27 Apr 2019 1:02

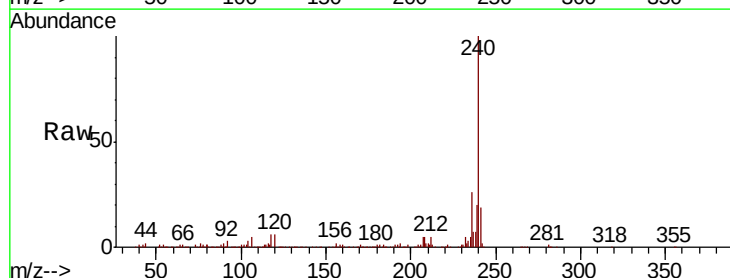
Tgt Ion:240 Resp: 297669

Ion Ratio Lower Upper

240 100

120 5.6 5.0 7.6

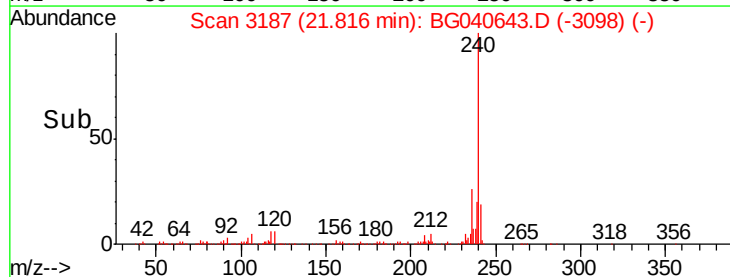
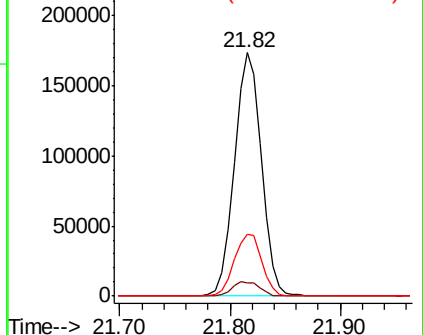
236 25.5 20.3 30.5

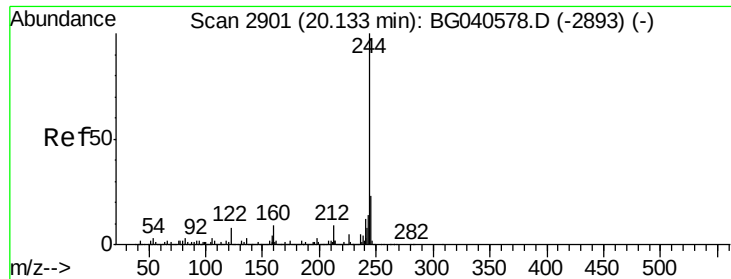


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.576 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG040643.D

Acq: 27 Apr 2019 1:02

Instrument :

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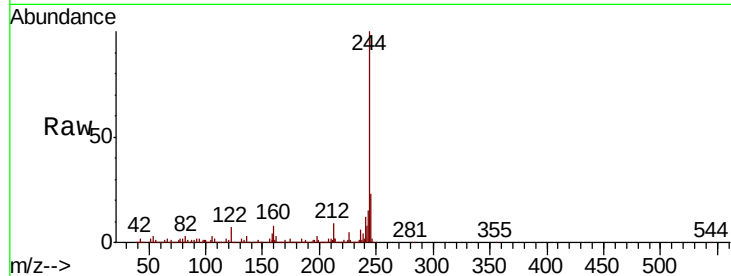
Tgt Ion:244 Resp: 1552901

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

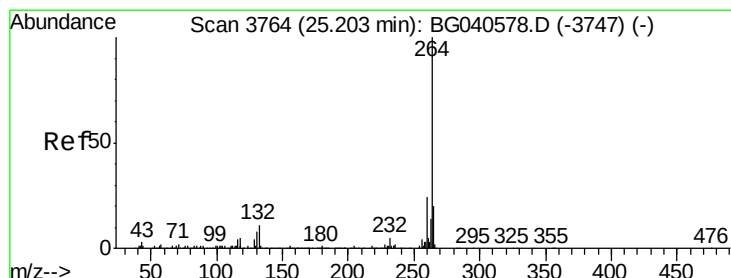
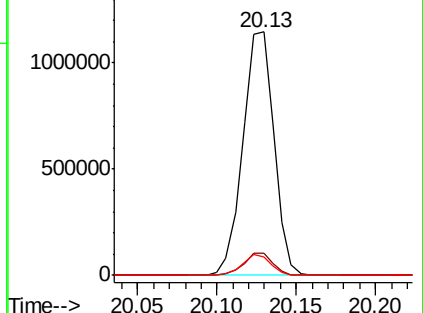
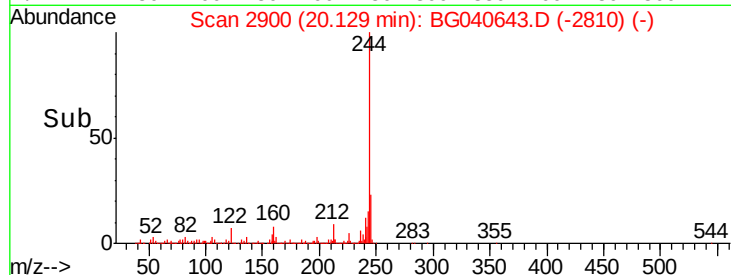
122 7.4 6.6 10.0



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# 3762

Delta R.T. -0.01 min

Lab File: BG040643.D

Acq: 27 Apr 2019 1:02

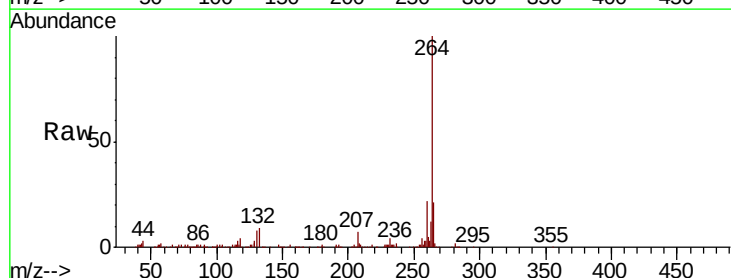
Tgt Ion:264 Resp: 312450

Ion Ratio Lower Upper

264 100

260 21.9 19.2 28.8

265 21.0 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

