

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
 Data File : BG040586.D
 Acq On : 24 Apr 2019 10:19
 Operator : JU/SJ
 Sample : K2515-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Apr 24 13:38:33 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	43975	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	163026	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	110586	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	304056	20.00	ng	0.00
76) Chrysene-d12	21.82	240	359337	20.00	ng	0.00
87) Perylene-d12	25.19	264	378984	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	297231	119.15	ng	0.00
7) Phenol-d6	7.29	99	375413	97.74	ng	0.00
23) Nitrobenzene-d5	9.34	82	351603	99.65	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	234108	154.02	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	707656	92.42	ng	0.00
79) Terphenyl-d14	20.13	244	1571673	96.90	ng	0.00

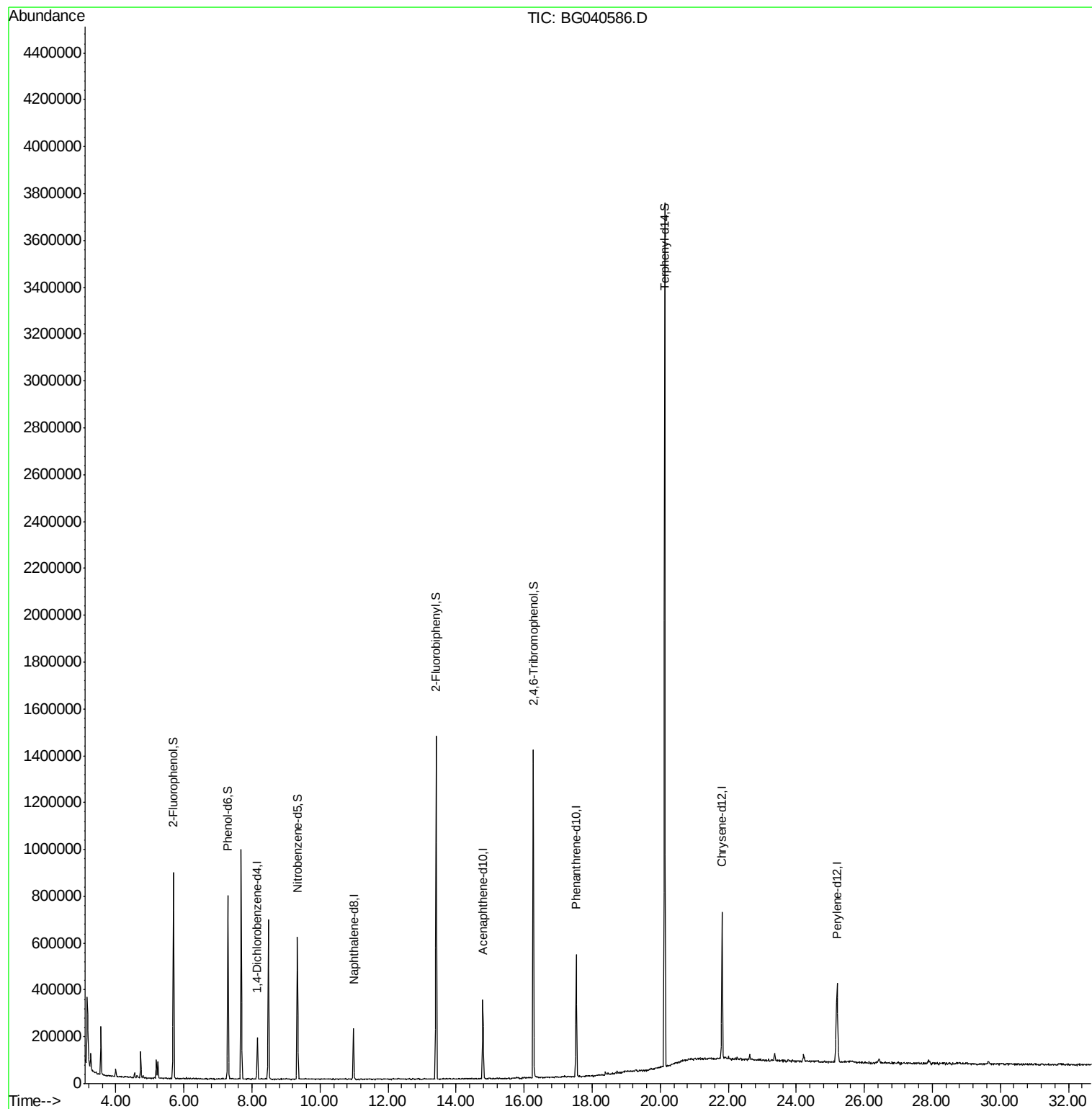
Target Compounds	Qvalue
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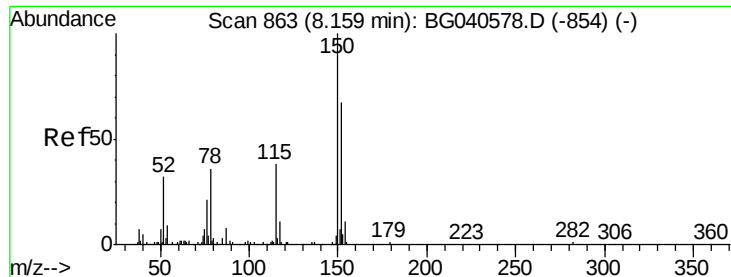
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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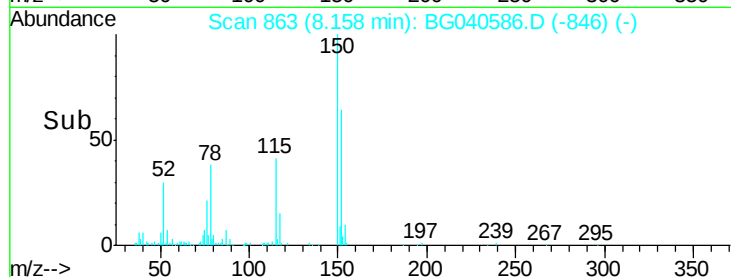
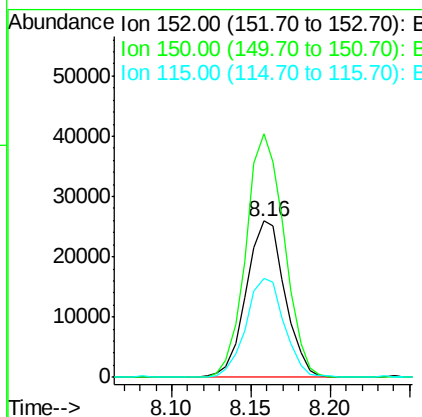
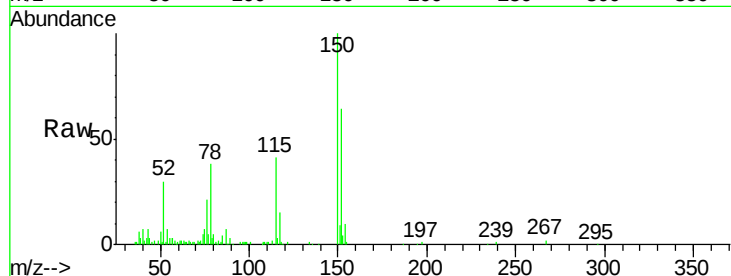


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040586.D
Acq: 24 Apr 2019 10:19

Instrument :
BNA_G
ClientSampled :
TP-12

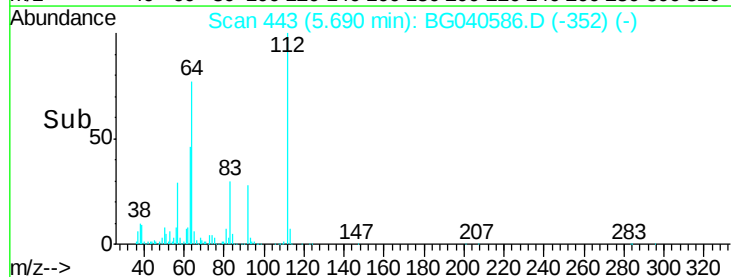
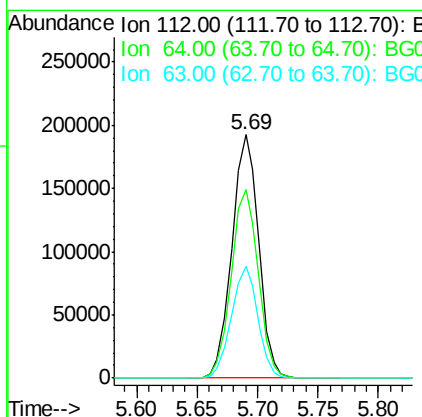
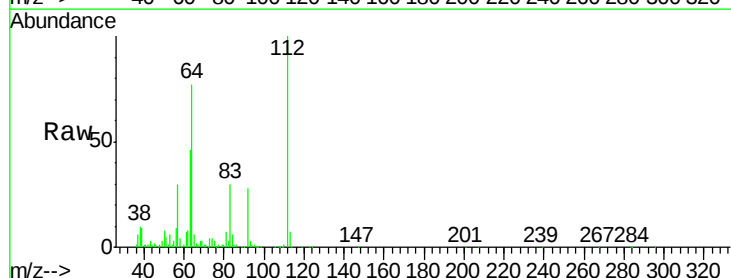
Tgt Ion:152 Resp: 43975
Ion Ratio Lower Upper
152 100
150 156.1 120.2 180.2
115 63.2 46.2 69.2



#5

2-Fluorophenol
Concen: 119.147 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.01 min
Lab File: BG040586.D
Acq: 24 Apr 2019 10:19

Tgt Ion:112 Resp: 297231
Ion Ratio Lower Upper
112 100
64 77.2 61.4 92.0
63 45.9 37.8 56.6





#7

Phenol-d6

Concen: 97.737 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040586.D

Acq: 24 Apr 2019 10:19

Instrument :

BNA_G

ClientSampleId :

TP-12

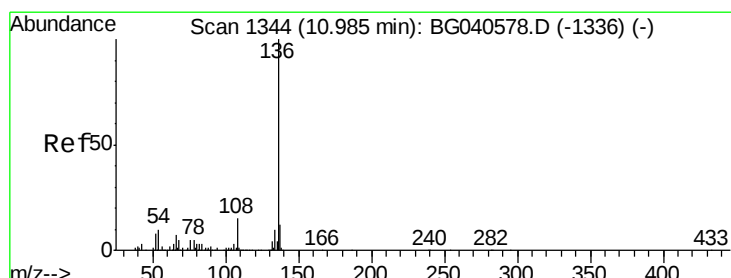
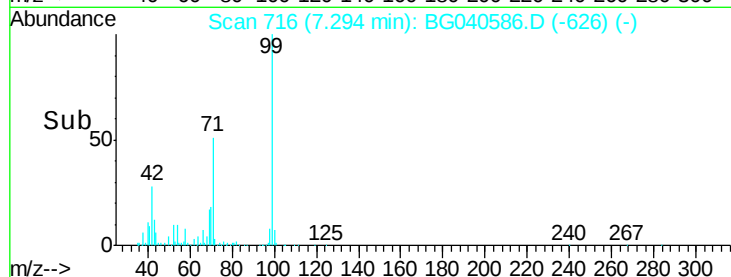
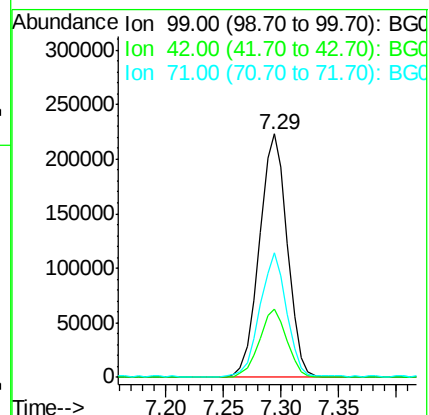
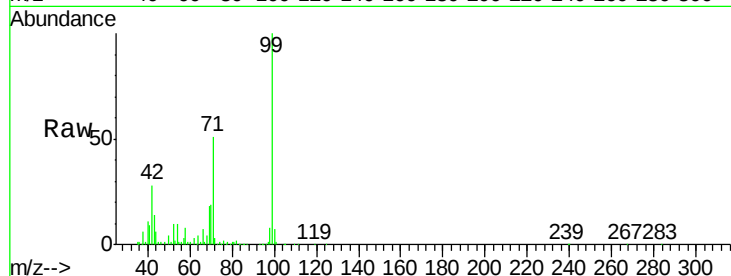
Tgt Ion: 99 Resp: 375413

Ion Ratio Lower Upper

99 100

42 27.8 21.8 32.8

71 50.9 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG040586.D

Acq: 24 Apr 2019 10:19

Tgt Ion: 136 Resp: 163026

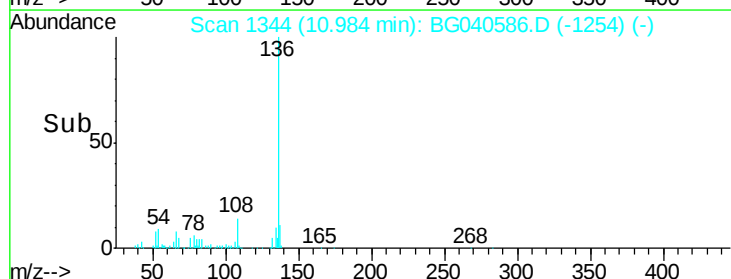
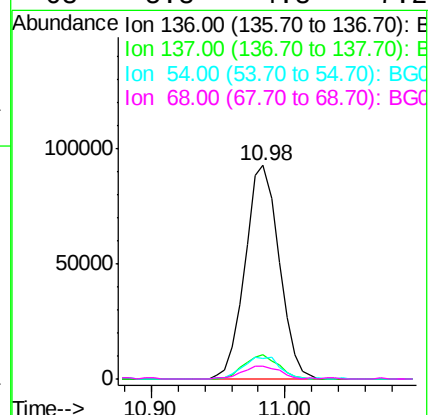
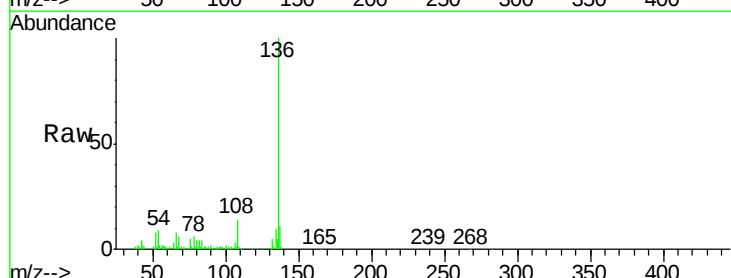
Ion Ratio Lower Upper

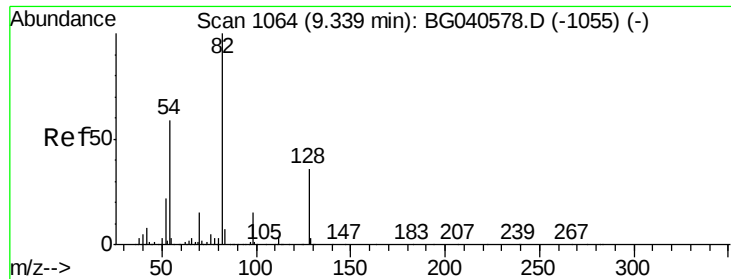
136 100

137 11.3 9.7 14.5

54 9.5 8.6 12.8

68 5.8 4.8 7.2

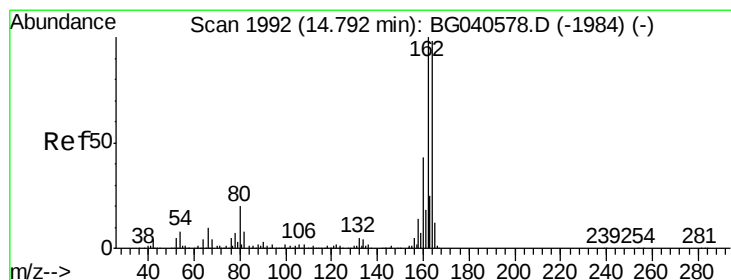
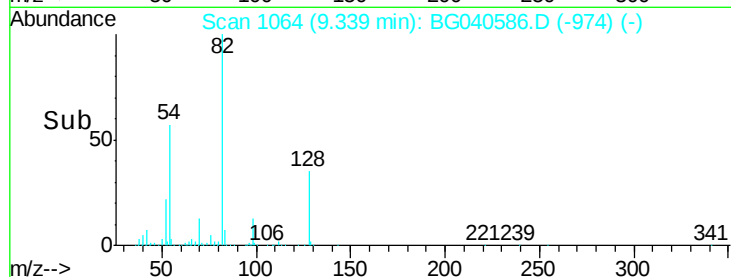
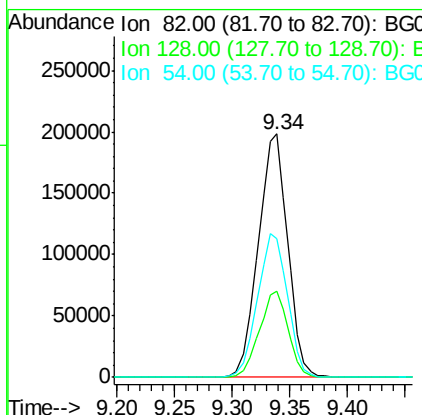
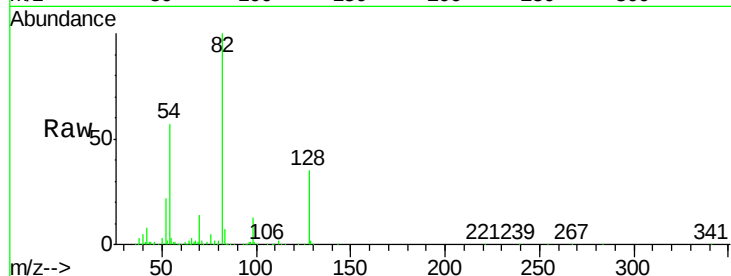




#23
 Nitrobenzene-d5
 Concen: 99.654 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BG040586.D
 Acq: 24 Apr 2019 10:19

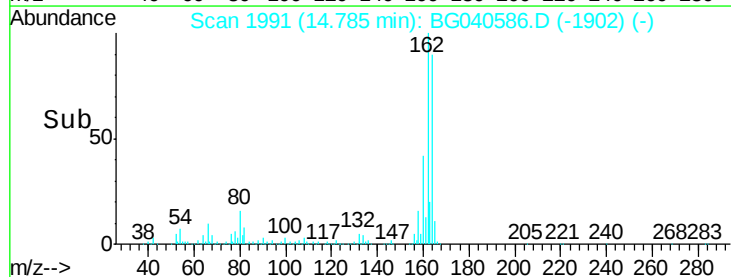
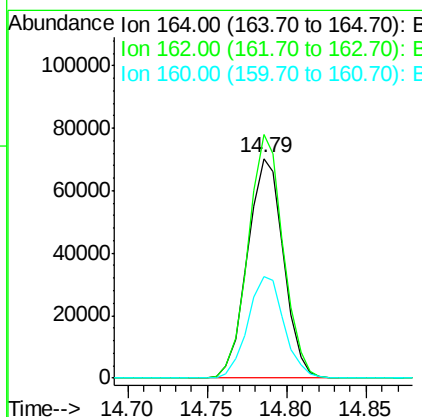
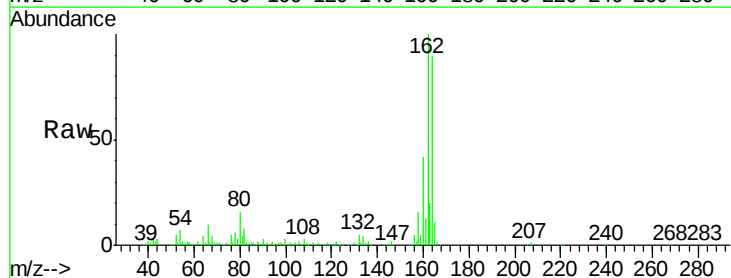
Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	28.9	43.3
54	56.7	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG040586.D
 Acq: 24 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.9	81.9	122.9
160	46.5	35.4	53.2

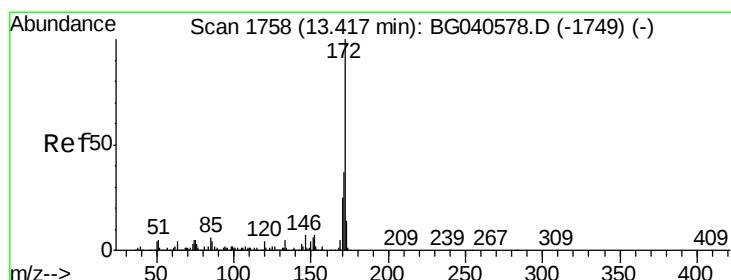
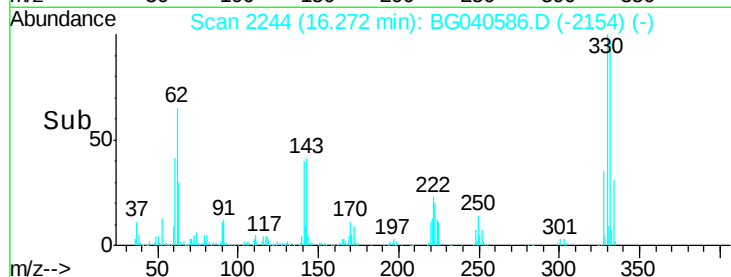
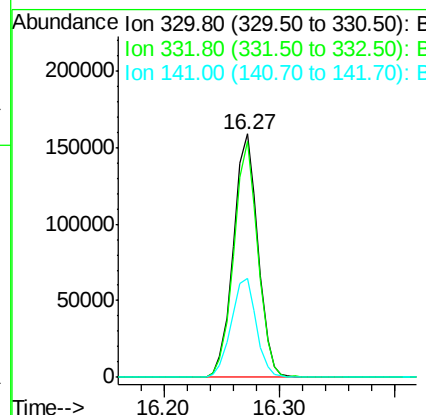
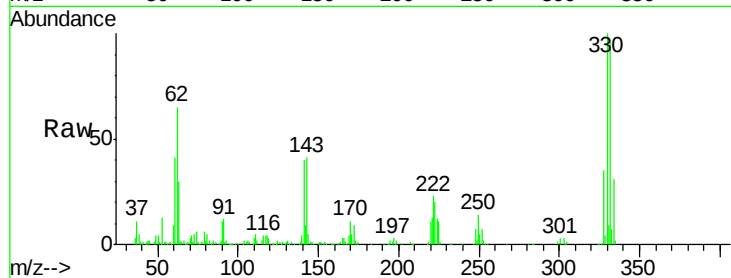




#42
 2,4,6-Tribromophenol
 Concen: 154.015 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG040586.D
 Acq: 24 Apr 2019 10:19

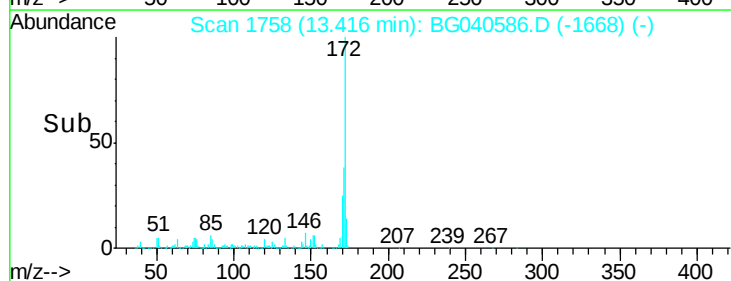
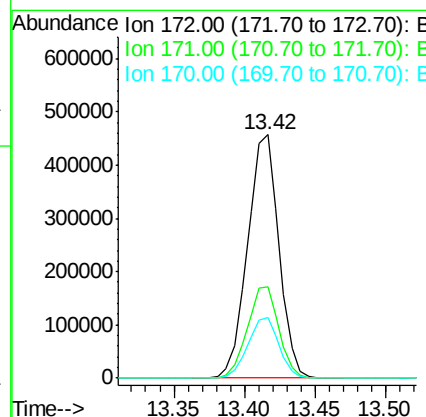
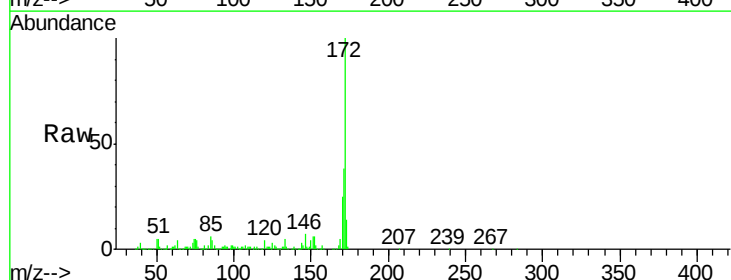
Instrument :
 BNA_G
 ClientSampleId :
 TP-12

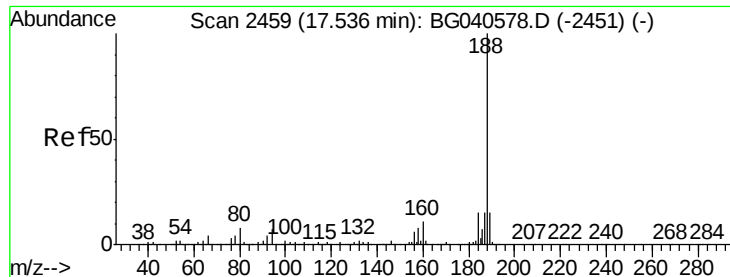
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.9	113.9
141	41.3	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 92.416 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG040586.D
 Acq: 24 Apr 2019 10:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.4	44.2
170	24.9	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040586.D

Acq: 24 Apr 2019 10:19

Instrument :

BNA_G

ClientSampled :

TP-12

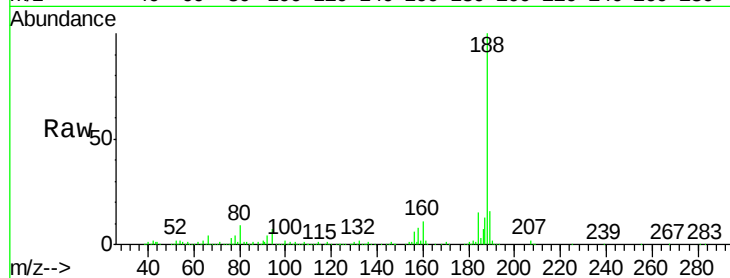
Tgt Ion:188 Resp: 304056

Ion Ratio Lower Upper

188 100

94 7.3 5.6 8.4

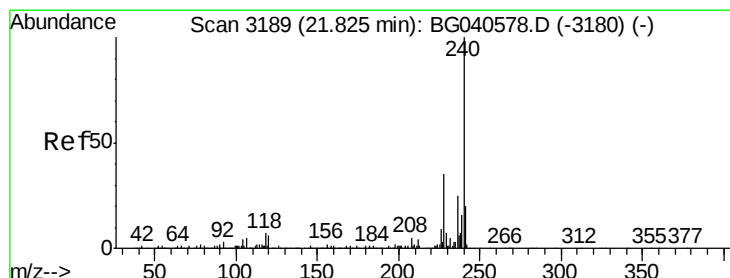
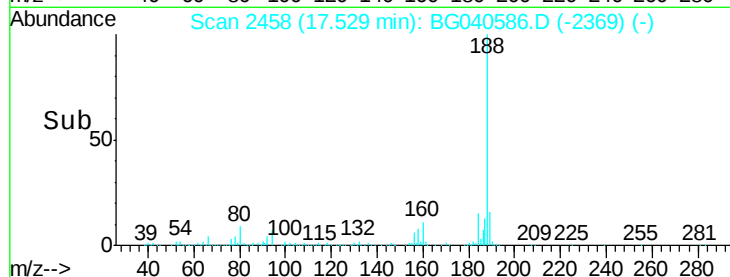
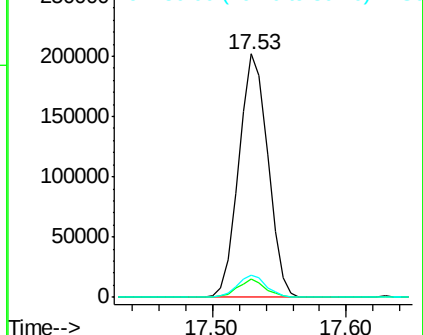
80 8.9 6.4 9.6



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# 3188

Delta R.T. -0.01 min

Lab File: BG040586.D

Acq: 24 Apr 2019 10:19

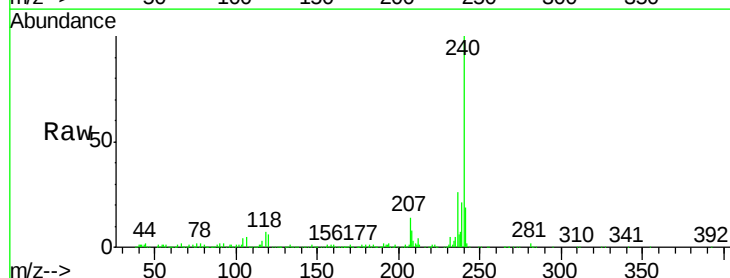
Tgt Ion:240 Resp: 359337

Ion Ratio Lower Upper

240 100

120 6.4 5.0 7.6

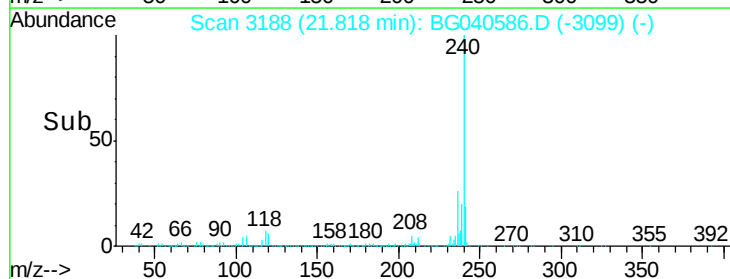
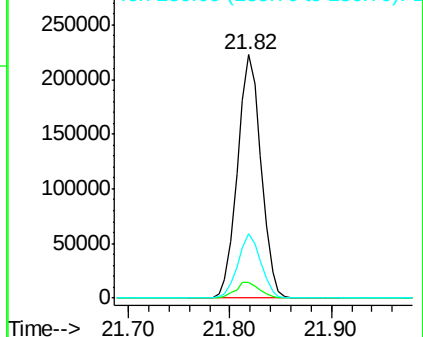
236 26.3 20.3 30.5

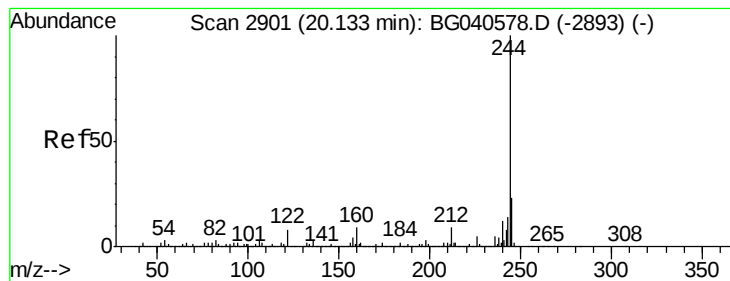


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.898 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG040586.D

Acq: 24 Apr 2019 10:19

Instrument :

BNA_G

ClientSampleId :

TP-12

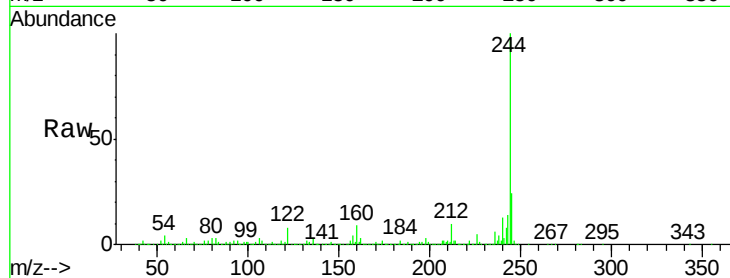
Tgt Ion:244 Resp: 1571673

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

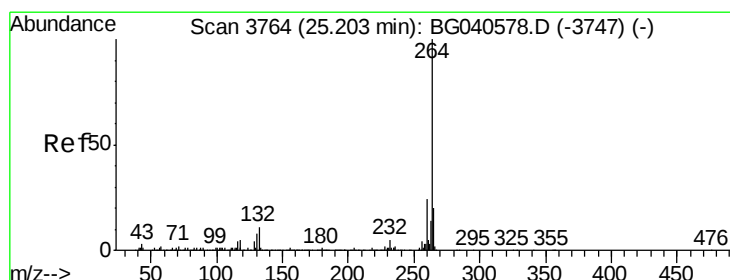
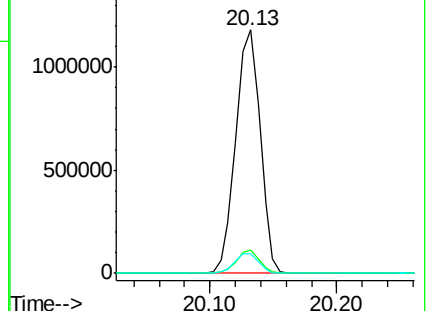
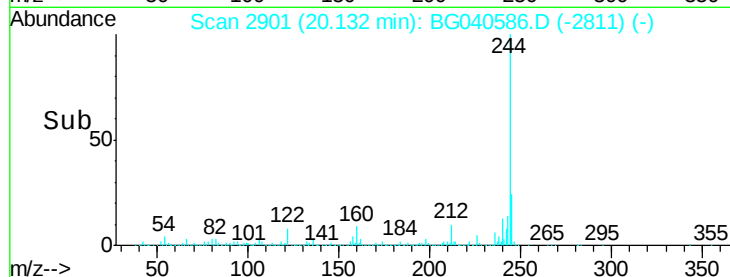
122 8.2 6.6 10.0



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG040586.D

Acq: 24 Apr 2019 10:19

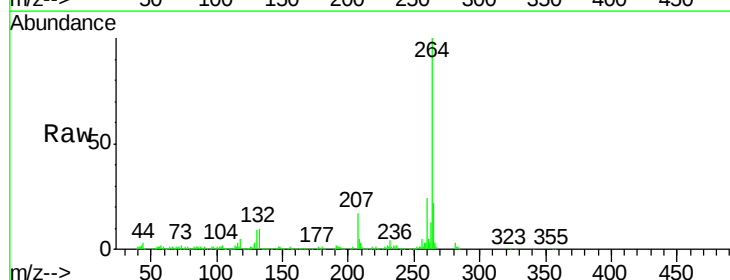
Tgt Ion:264 Resp: 378984

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.5 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

