

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
 Data File : BG040591.D
 Acq On : 24 Apr 2019 13:29
 Operator : JU/SJ
 Sample : K2532-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14

Quant Time: Apr 25 03:45:09 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	40031	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	159475	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	115594	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	317283	20.00	ng	0.00
76) Chrysene-d12	21.82	240	348954	20.00	ng	0.00
87) Perylene-d12	25.20	264	363671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	281403	123.92	ng	0.00
7) Phenol-d6	7.30	99	366982	104.95	ng	0.00
23) Nitrobenzene-d5	9.33	82	330040	95.63	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	236886	149.09	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	695776	86.93	ng	0.00
79) Terphenyl-d14	20.13	244	1595864	101.32	ng	0.00

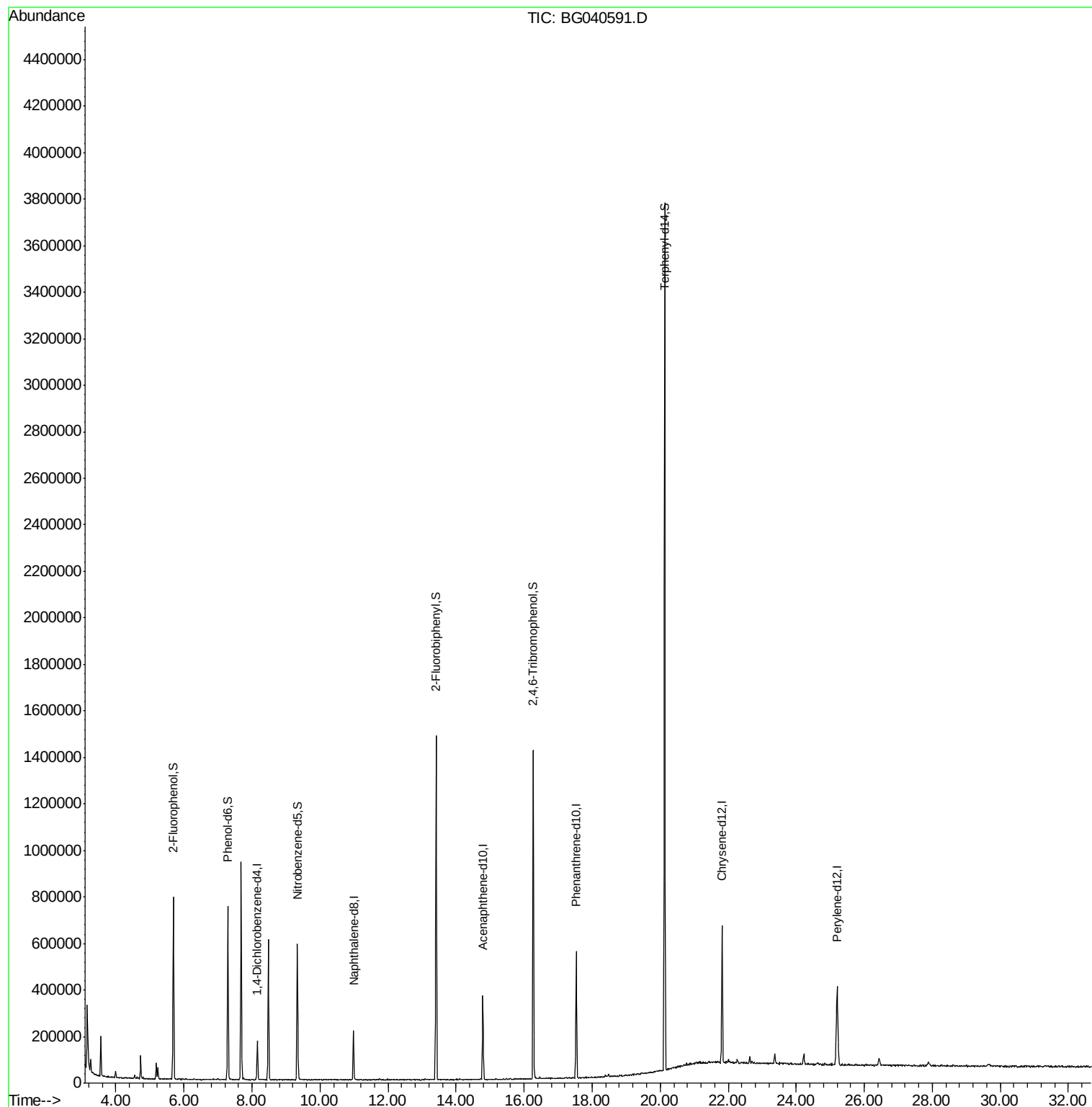
Target Compounds	Qvalue
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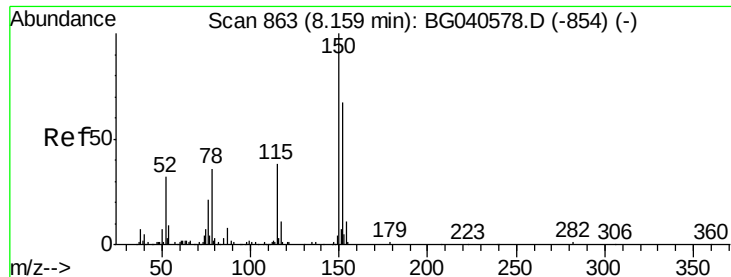
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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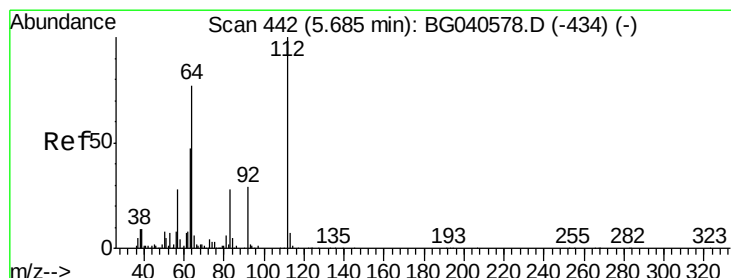
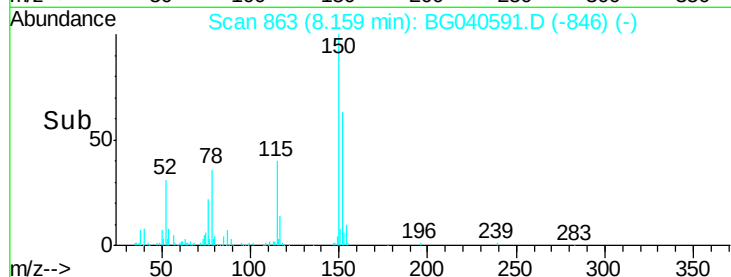
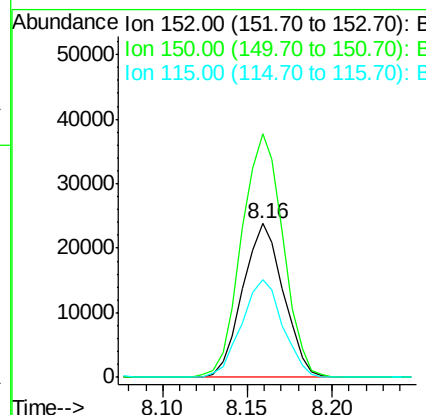
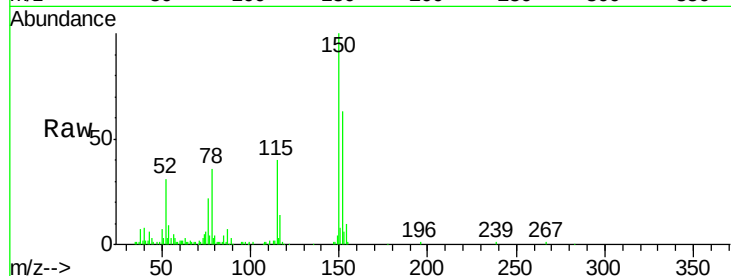


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040591.D
Acq: 24 Apr 2019 13:29

Instrument :
BNA_G
ClientSampled :
TP-14

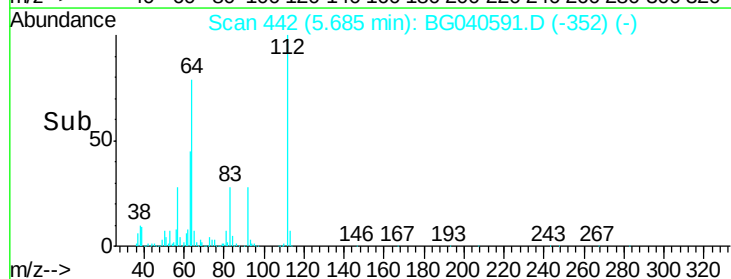
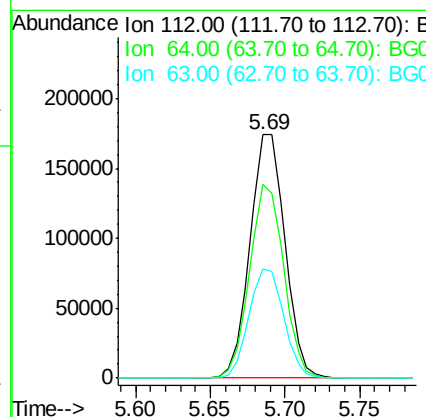
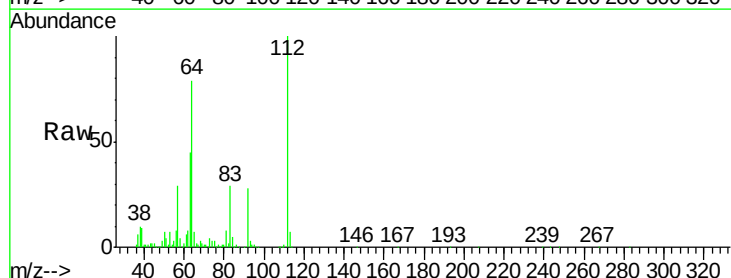
Tgt Ion:152 Resp: 40031
Ion Ratio Lower Upper
152 100
150 158.7 120.2 180.2
115 63.5 46.2 69.2

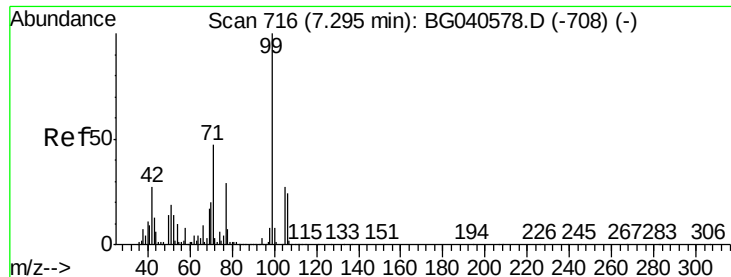


#5

2-Fluorophenol
Concen: 123.916 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040591.D
Acq: 24 Apr 2019 13:29

Tgt Ion:112 Resp: 281403
Ion Ratio Lower Upper
112 100
64 79.4 61.4 92.0
63 44.9 37.8 56.6





#7

Phenol-d6

Concen: 104.955 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040591.D

Acq: 24 Apr 2019 13:29

Instrument :

BNA_G

ClientSampled :

TP-14

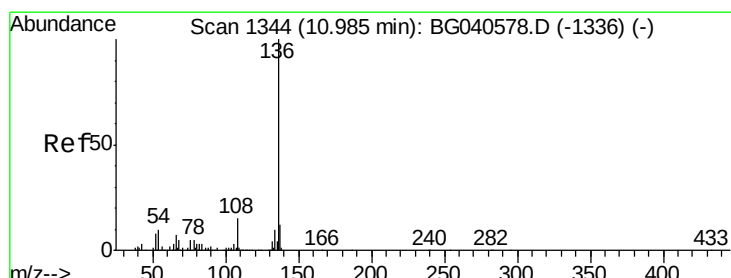
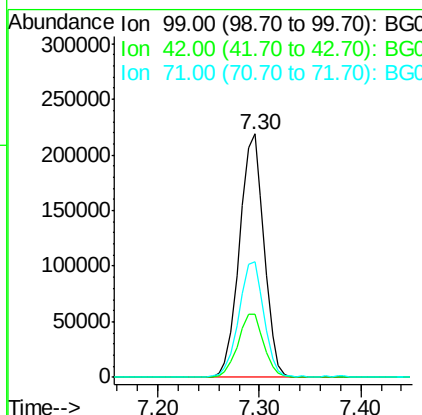
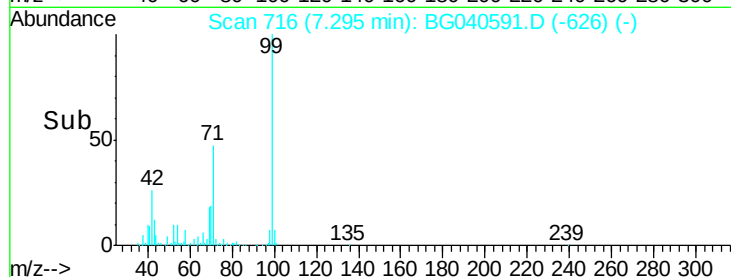
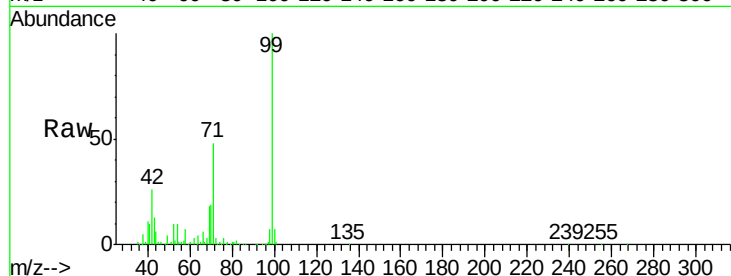
Tgt Ion: 99 Resp: 366982

Ion Ratio Lower Upper

99 100

42 26.1 21.8 32.8

71 47.6 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: BG040591.D

Acq: 24 Apr 2019 13:29

Tgt Ion: 136 Resp: 159475

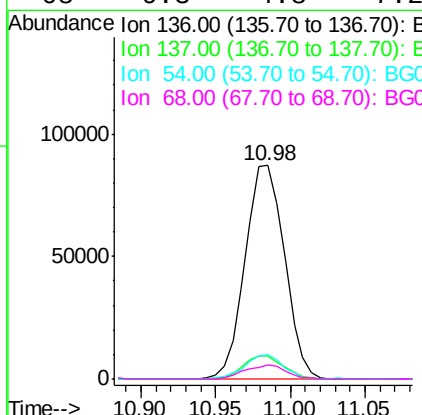
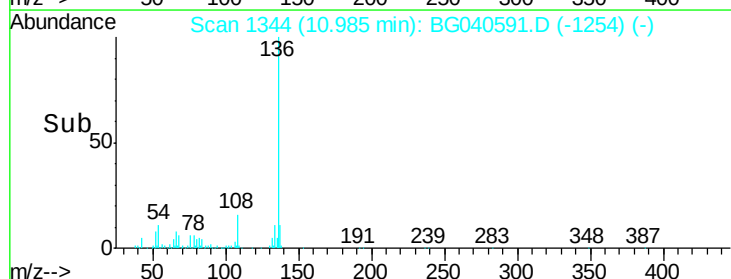
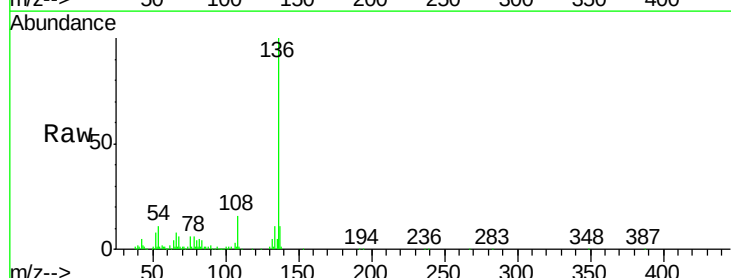
Ion Ratio Lower Upper

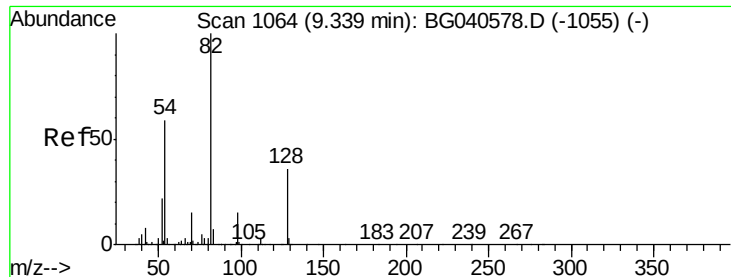
136 100

137 10.6 9.7 14.5

54 11.2 8.6 12.8

68 6.3 4.8 7.2

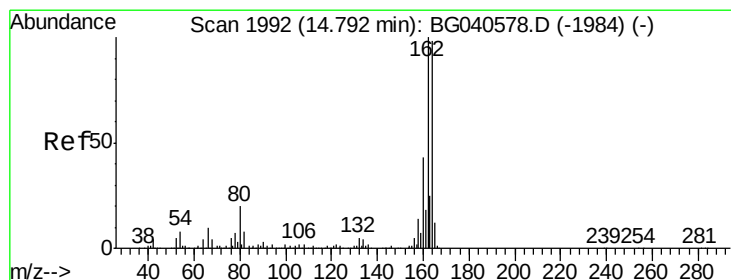
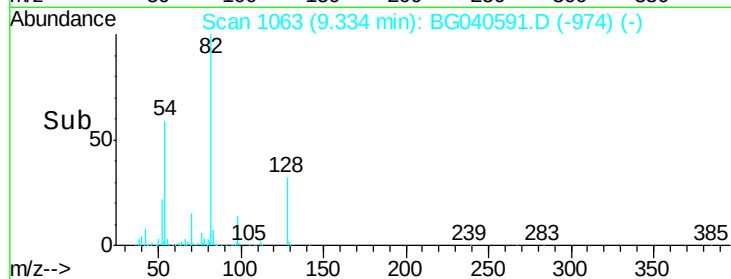
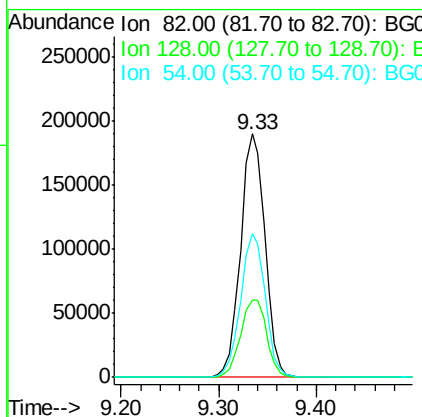
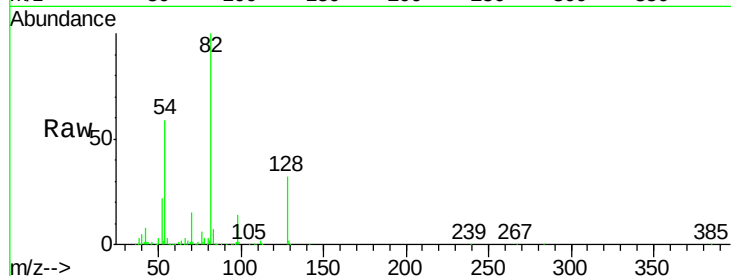




#23
 Nitrobenzene-d5
 Concen: 95.626 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040591.D
 Acq: 24 Apr 2019 13:29

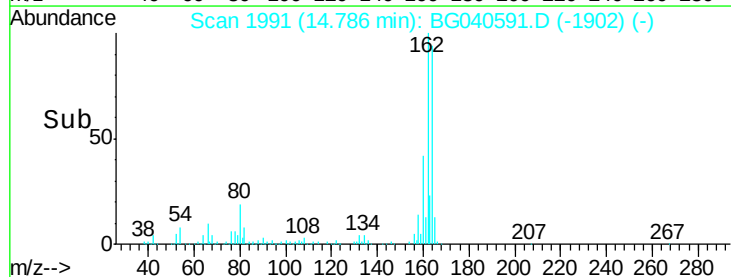
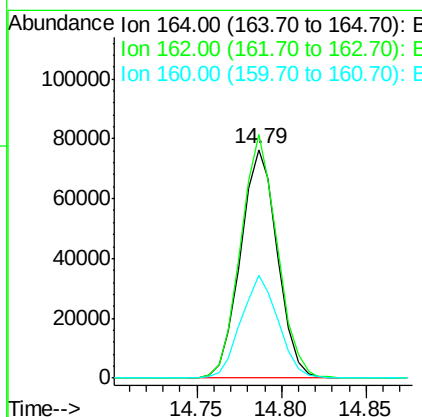
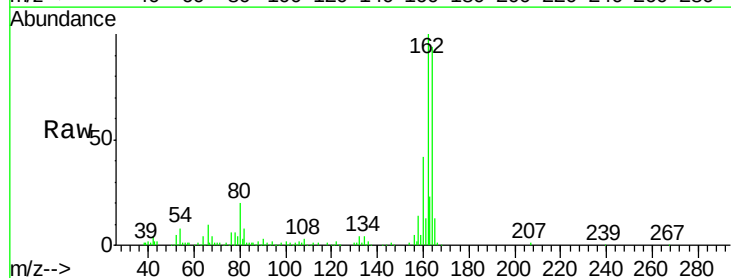
Instrument :
 BNA_G
 ClientSampleID :
 TP-14

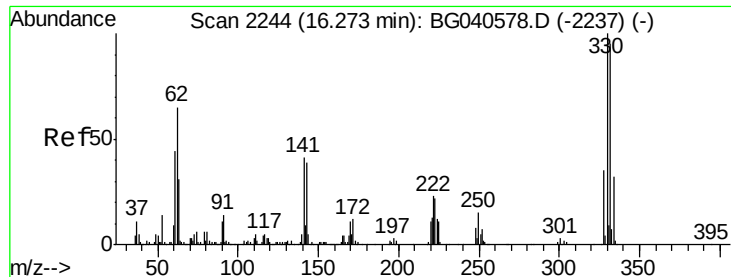
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.7	28.9	43.3
54	59.1	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG040591.D
 Acq: 24 Apr 2019 13:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	81.9	122.9
160	45.2	35.4	53.2

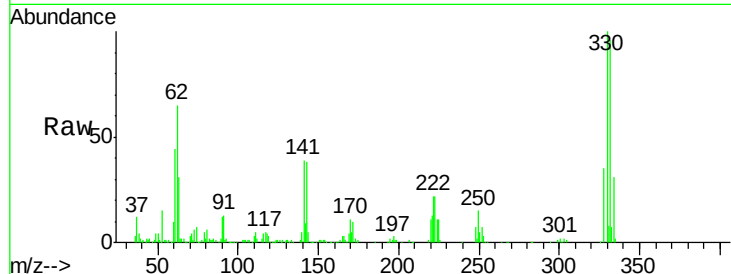




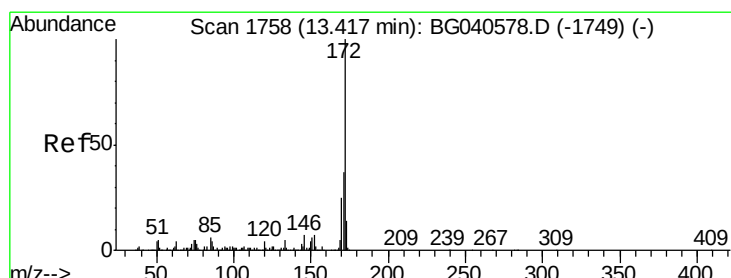
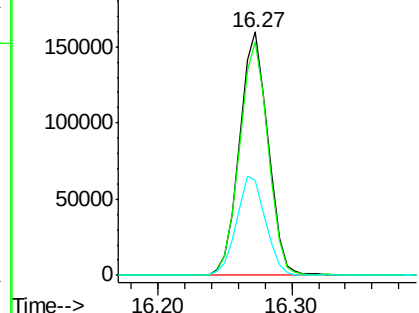
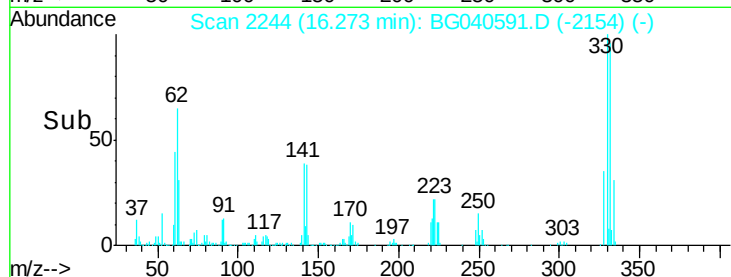
#42
 2,4,6-Tribromophenol
 Concen: 149.091 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BG040591.D
 Acq: 24 Apr 2019 13:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	41.8	32.4	48.6

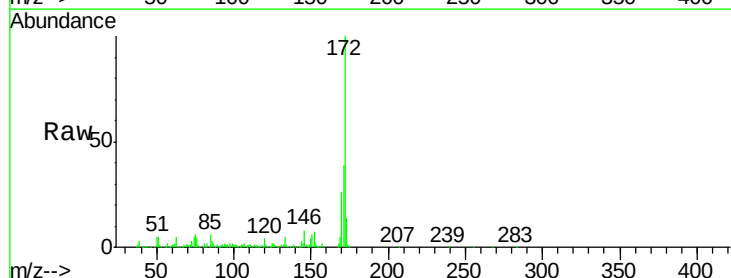


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

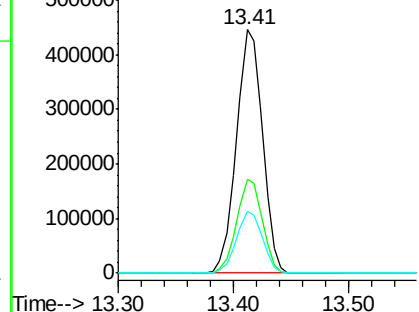
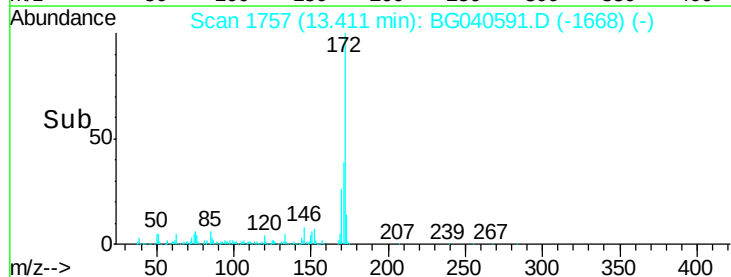


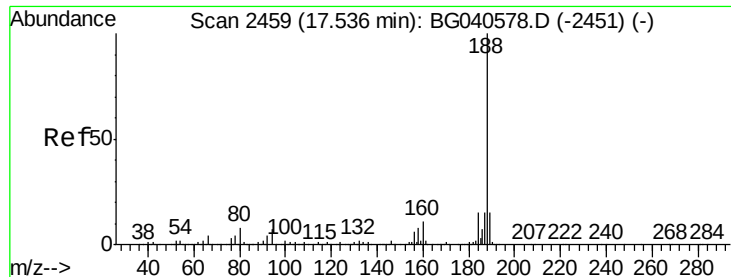
#45
 2-Fluorobiphenyl
 Concen: 86.928 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040591.D
 Acq: 24 Apr 2019 13:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.4	44.2
170	25.6	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

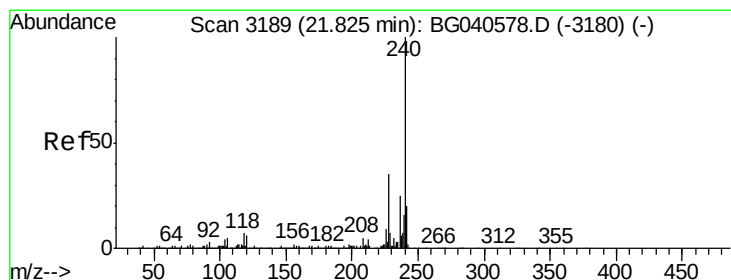
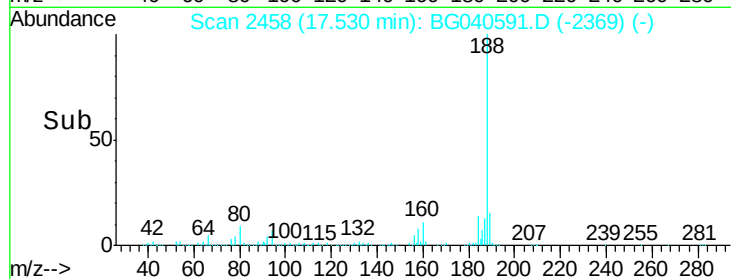
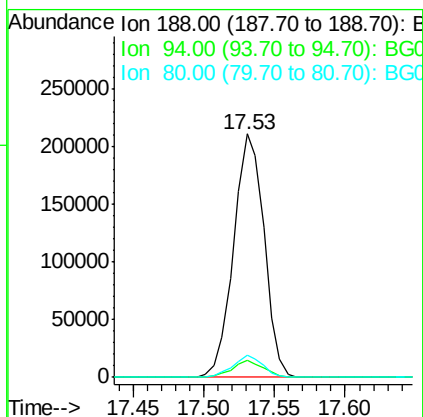
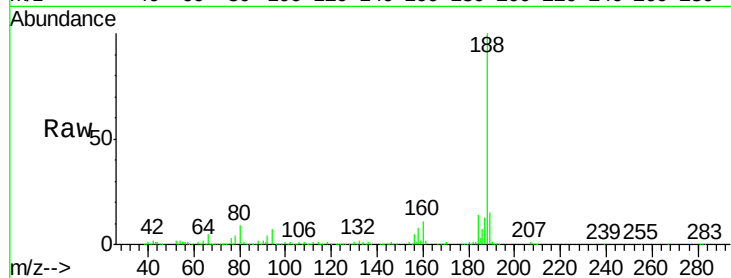




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040591.D
Acq: 24 Apr 2019 13:29

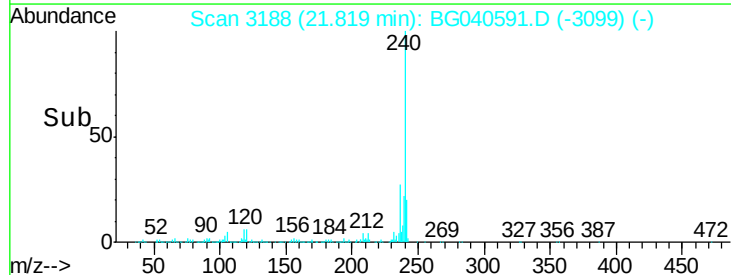
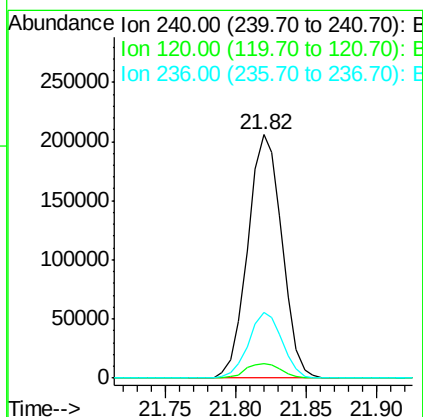
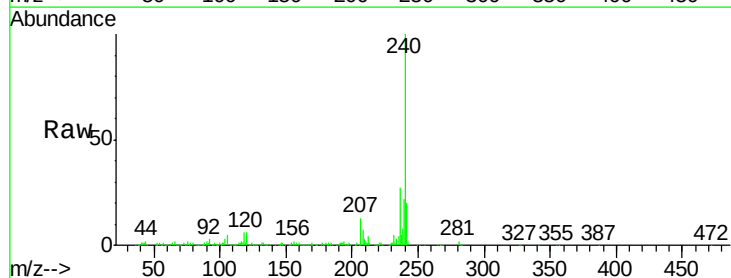
Instrument :
BNA_G
ClientSampleId :
TP-14

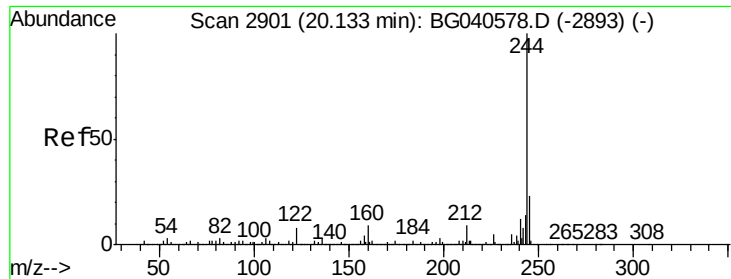
Tgt Ion:188 Resp: 317283
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 9.1 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG040591.D
Acq: 24 Apr 2019 13:29

Tgt Ion:240 Resp: 348954
Ion Ratio Lower Upper
240 100
120 6.0 5.0 7.6
236 26.9 20.3 30.5





#79

Terphenyl-d14

Concen: 101.317 ng

RT: 20.13 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BG040591.D

Acq: 24 Apr 2019 13:29

Instrument :

BNA_G

ClientSampleId :

TP-14

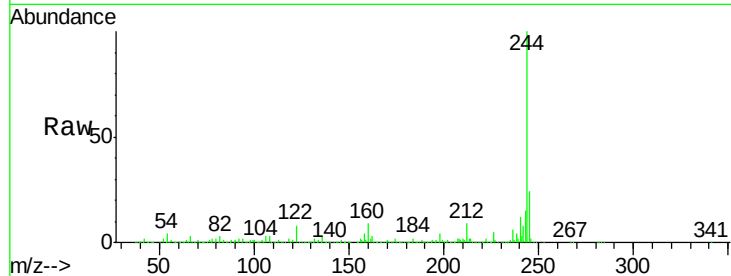
Tgt Ion:244 Resp: 1595864

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

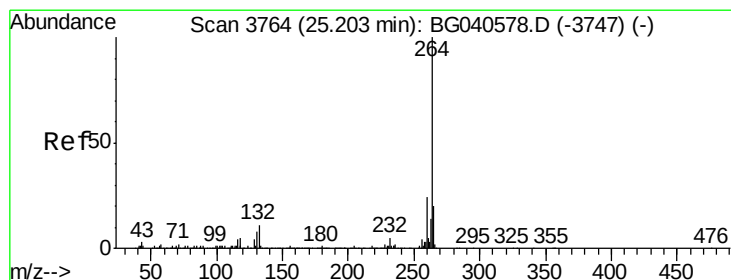
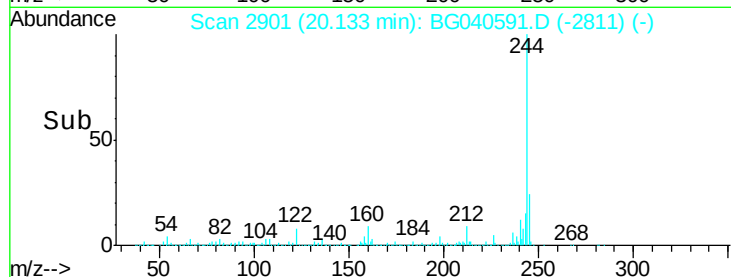
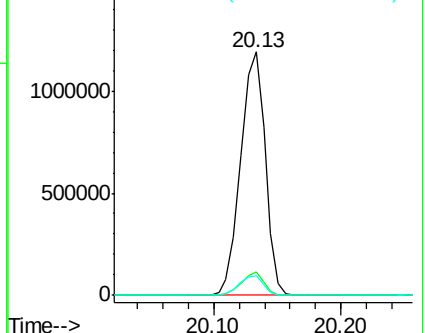
122 8.1 6.6 10.0



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: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040591.D

Acq: 24 Apr 2019 13:29

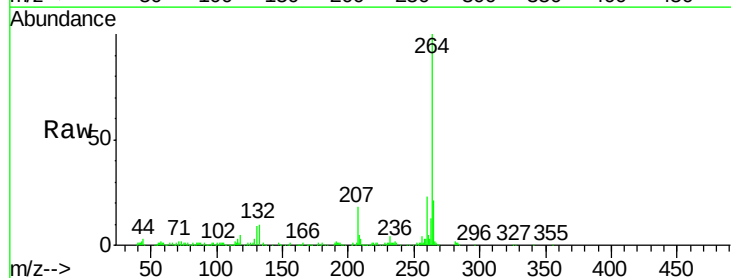
Tgt Ion:264 Resp: 363671

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.3 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

