

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
 Data File : BG040590.D
 Acq On : 24 Apr 2019 12:51
 Operator : JU/SJ
 Sample : K2532-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Apr 25 03:44:02 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	44552	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	171801	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	122913	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	346486	20.00	ng	0.00
76) Chrysene-d12	21.83	240	382812	20.00	ng	0.00
87) Perylene-d12	25.21	264	403564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	285809	113.08	ng	0.00
7) Phenol-d6	7.29	99	371917	95.57	ng	0.00
23) Nitrobenzene-d5	9.34	82	351240	94.47	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	248426	147.04	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	741263	87.10	ng	0.00
79) Terphenyl-d14	20.14	244	1624175	93.99	ng	0.00

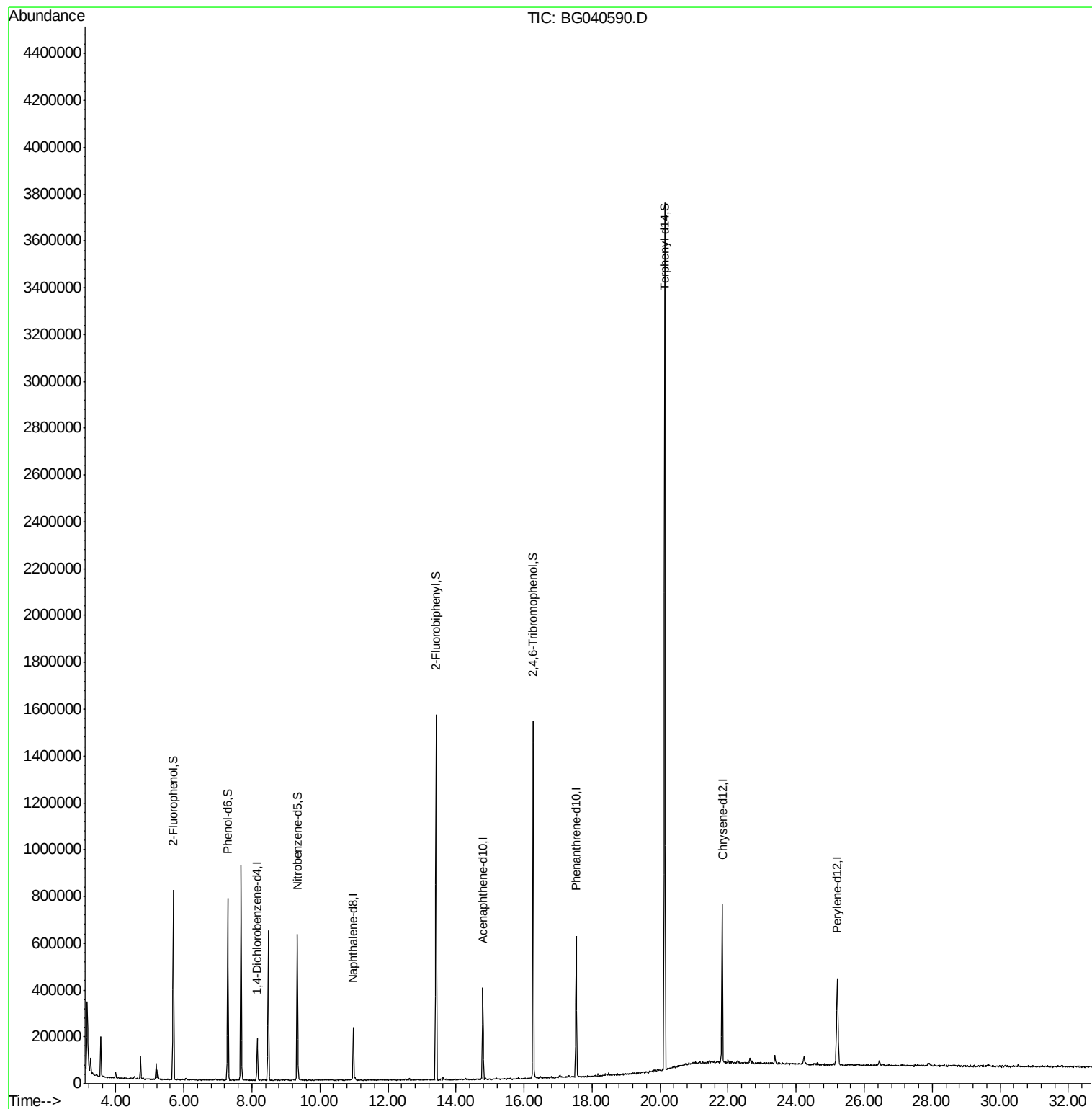
Target Compounds	Qvalue
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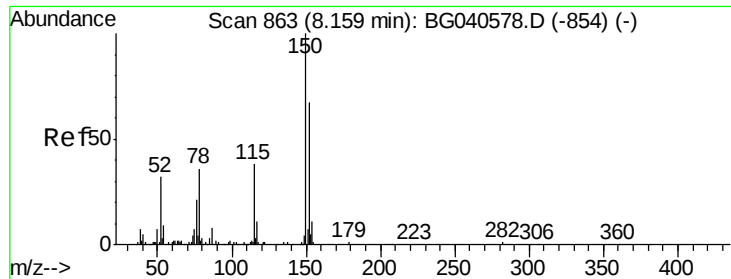
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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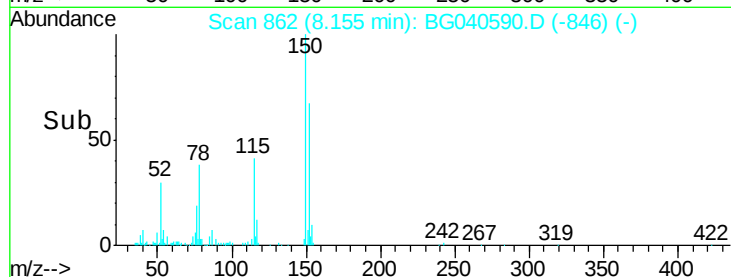
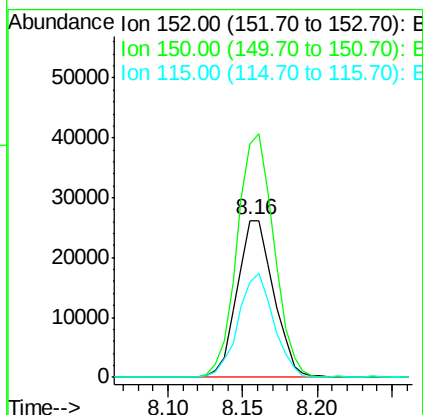
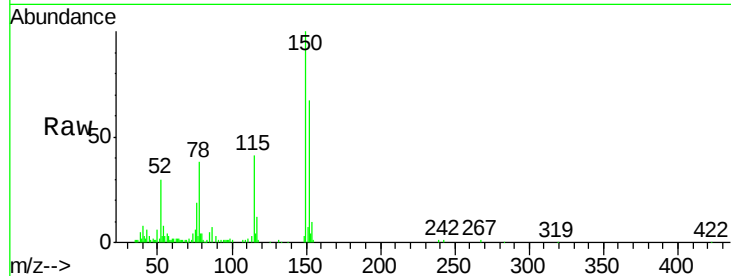


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Instrument :
BNA_G
ClientSampled :
TP-3

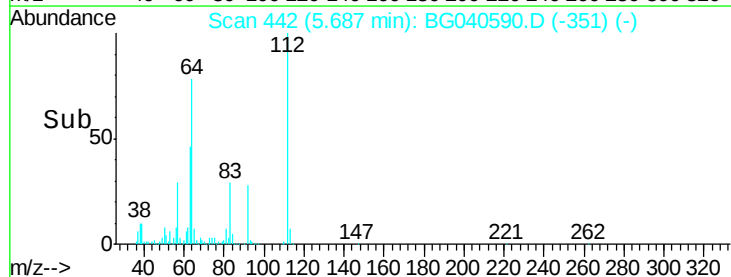
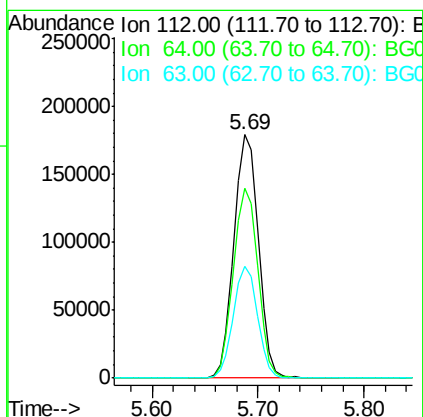
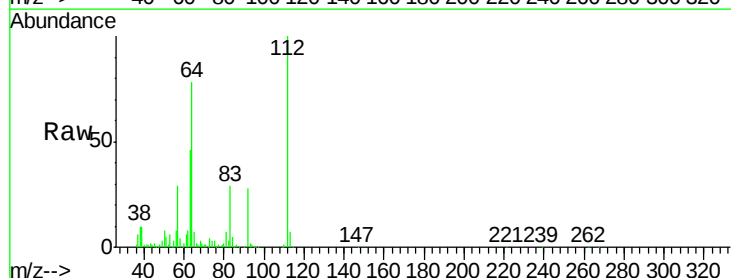
Tgt Ion:152 Resp: 44552
Ion Ratio Lower Upper
152 100
150 148.8 120.2 180.2
115 60.4 46.2 69.2



#5

2-Fluorophenol
Concen: 113.084 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion:112 Resp: 285809
Ion Ratio Lower Upper
112 100
64 78.0 61.4 92.0
63 45.8 37.8 56.6





#7

Phenol-d6

Concen: 95.572 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

TP-3

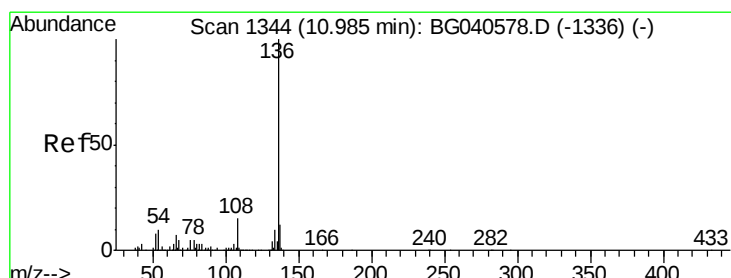
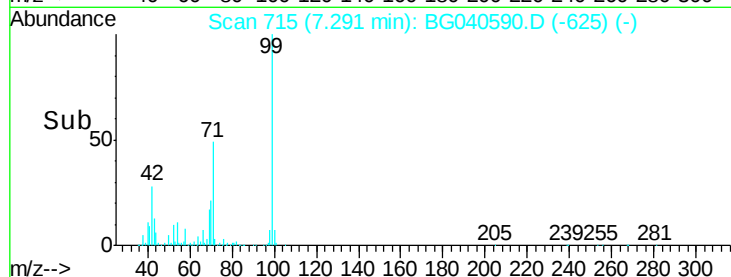
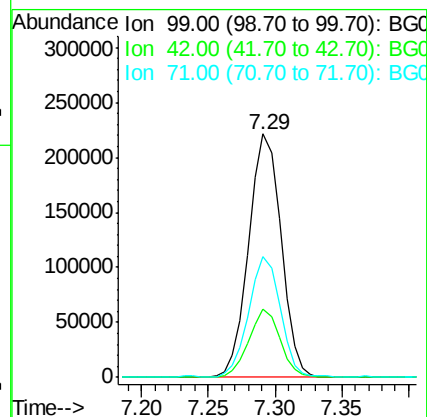
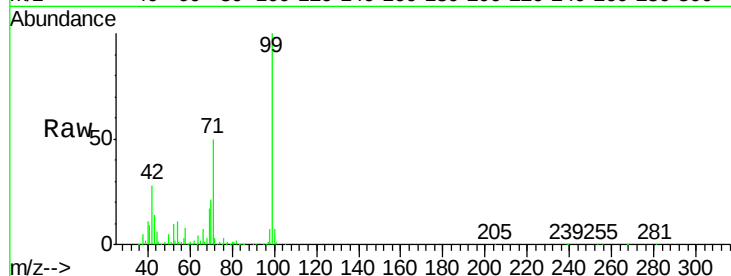
Tgt Ion: 99 Resp: 371917

Ion Ratio Lower Upper

99 100

42 27.8 21.8 32.8

71 49.5 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: BG040590.D

Acq: 24 Apr 2019 12:51

Tgt Ion: 136 Resp: 171801

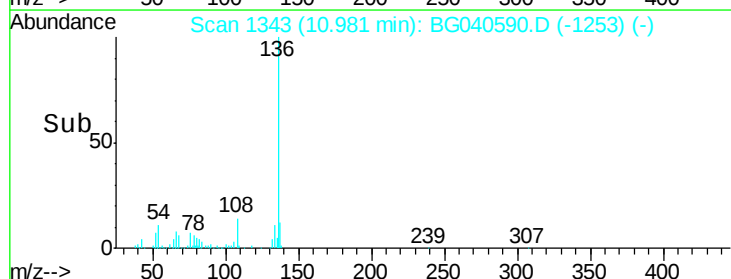
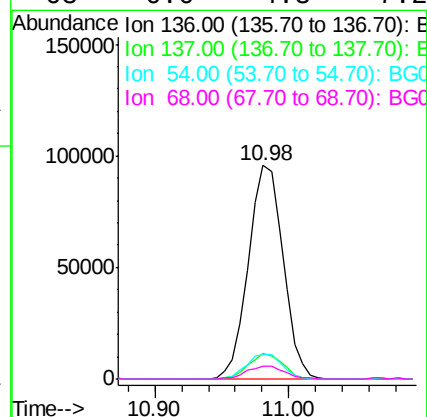
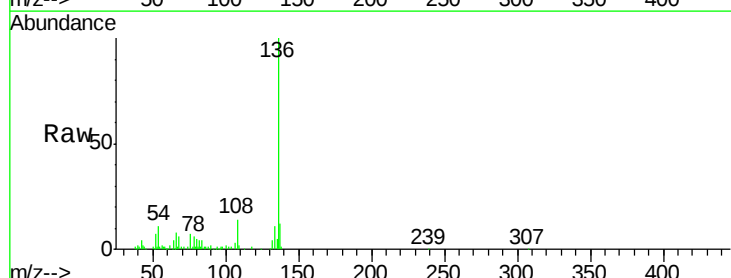
Ion Ratio Lower Upper

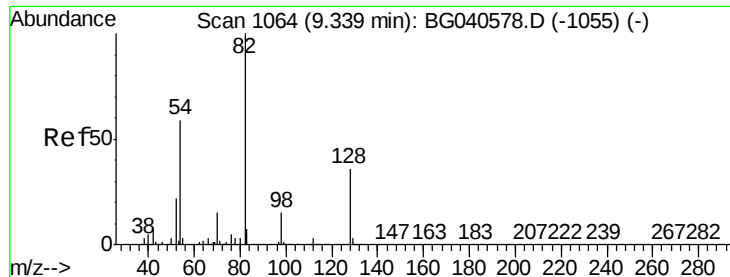
136 100

137 11.7 9.7 14.5

54 11.3 8.6 12.8

68 6.0 4.8 7.2

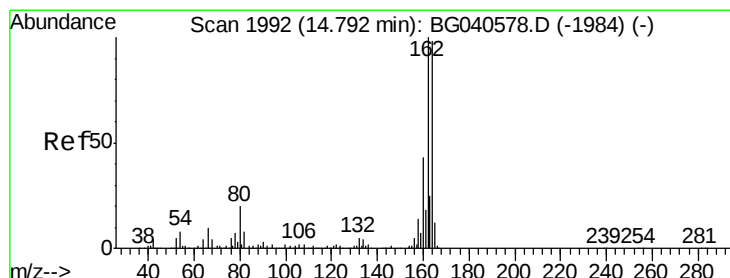
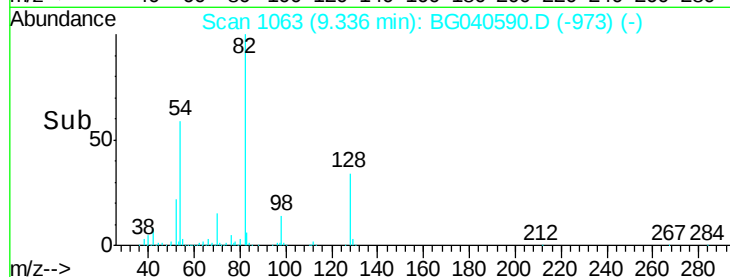
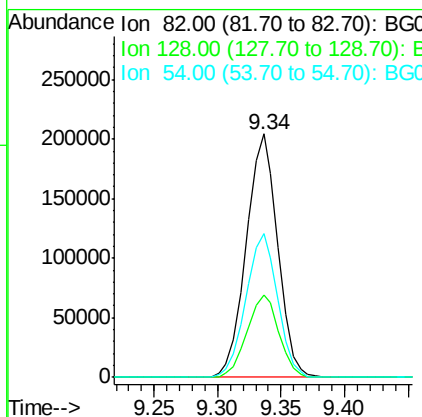
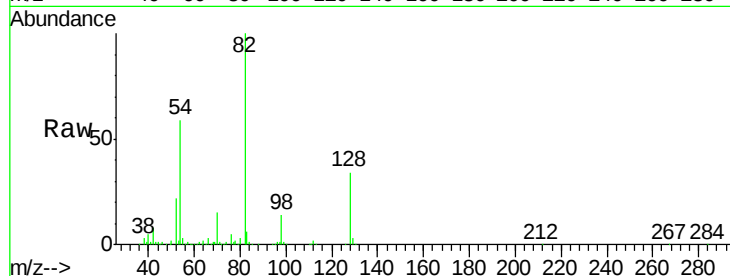




#23
 Nitrobenzene-d5
 Concen: 94.467 ng
 RT: 9.34 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

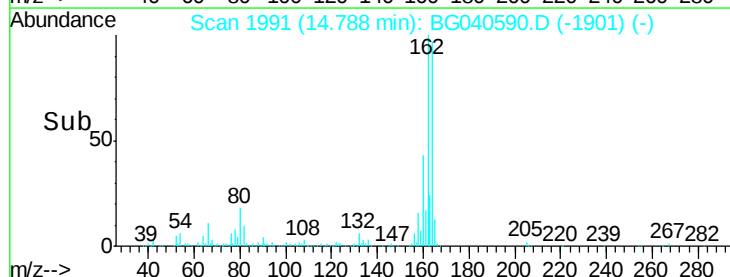
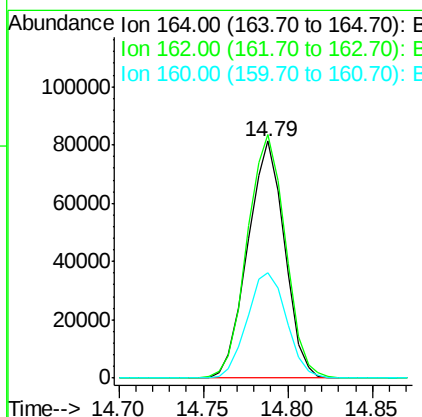
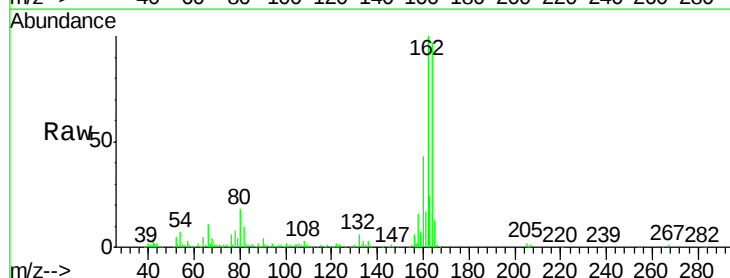
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

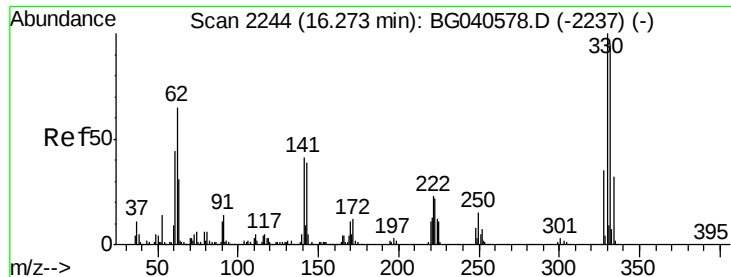
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	28.9	43.3
54	59.1	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.9	122.9
160	44.7	35.4	53.2

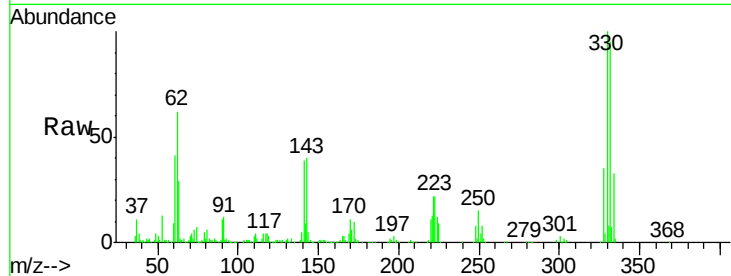




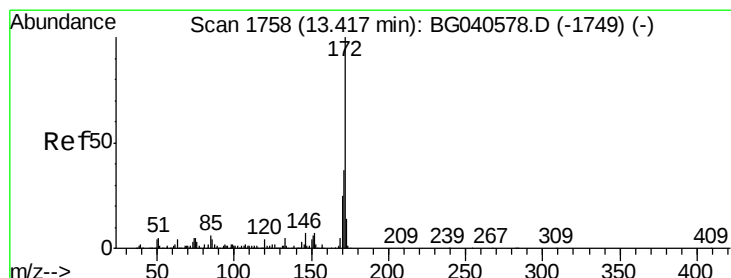
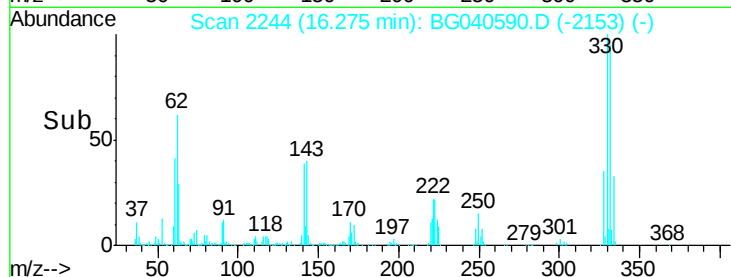
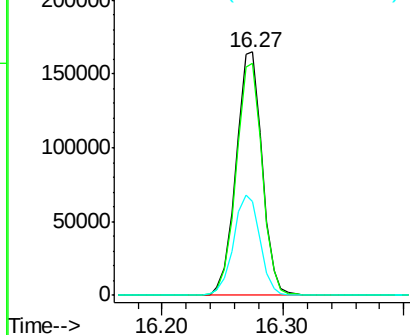
#42
 2,4,6-Tribromophenol
 Concen: 147.044 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.9	113.9
141	41.8	32.4	48.6

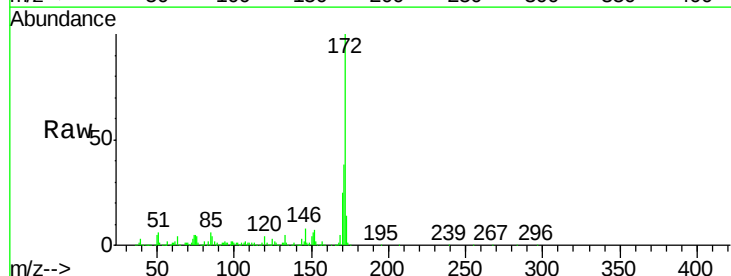


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

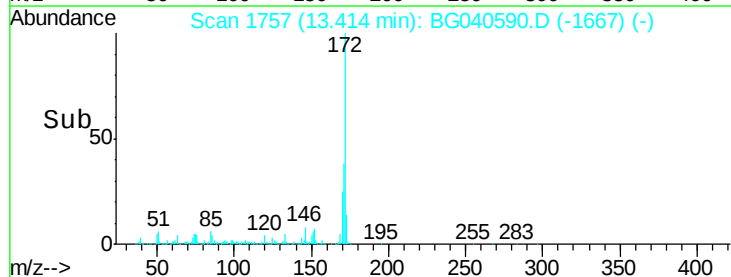
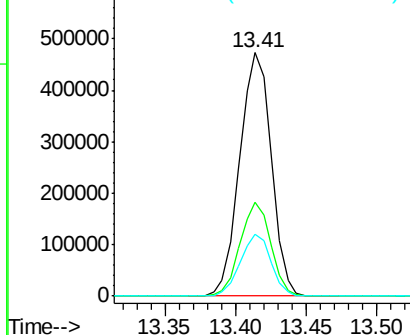


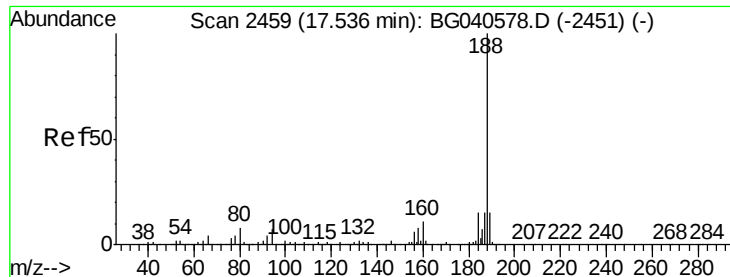
#45
 2-Fluorobiphenyl
 Concen: 87.097 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.4	44.2
170	25.3	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. -0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

TP-3

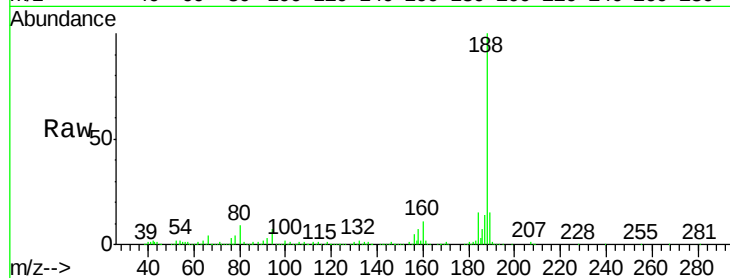
Tgt Ion:188 Resp: 346486

Ion Ratio Lower Upper

188 100

94 6.8 5.6 8.4

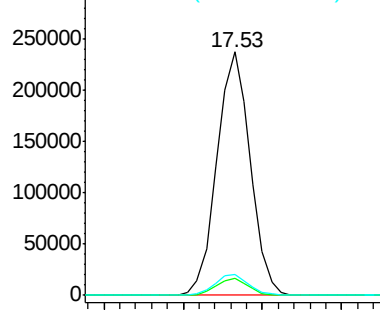
80 8.7 6.4 9.6



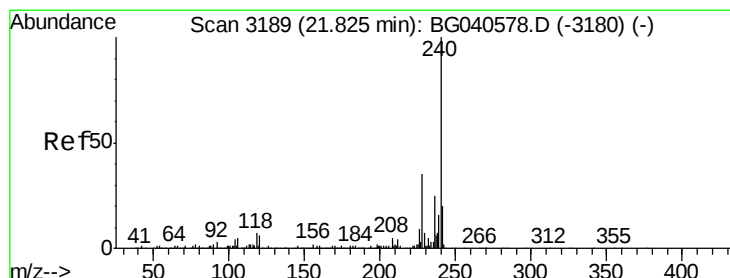
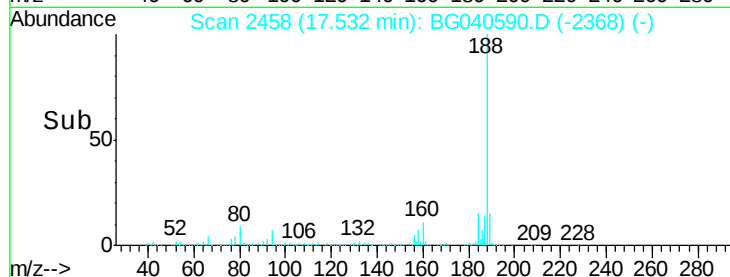
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



Time--> 17.45 17.50 17.55 17.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

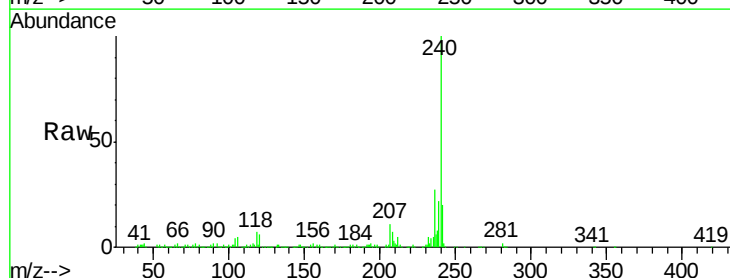
Tgt Ion:240 Resp: 382812

Ion Ratio Lower Upper

240 100

120 6.4 5.0 7.6

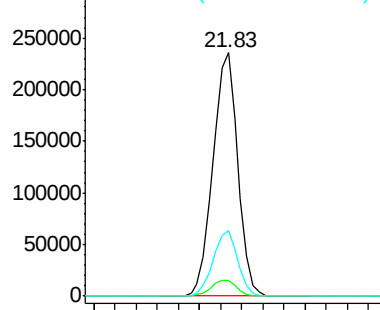
236 26.9 20.3 30.5



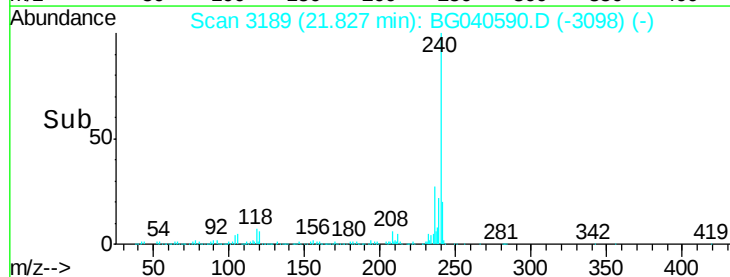
Abundance Ion 240.00 (239.70 to 240.70): E

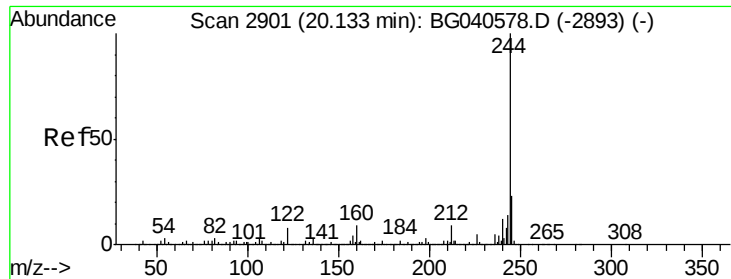
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90





#79

Terphenyl-d14

Concen: 93.995 ng

RT: 20.14 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

TP-3

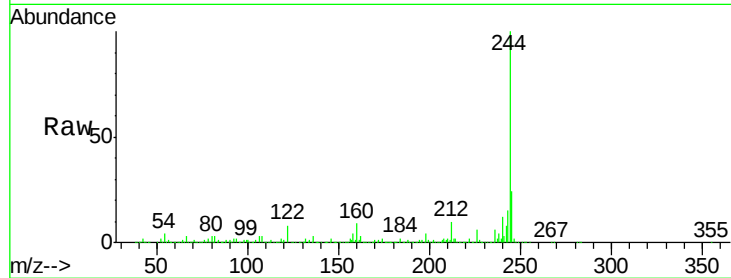
Tgt Ion:244 Resp: 1624175

Ion Ratio Lower Upper

244 100

212 10.0 7.2 10.8

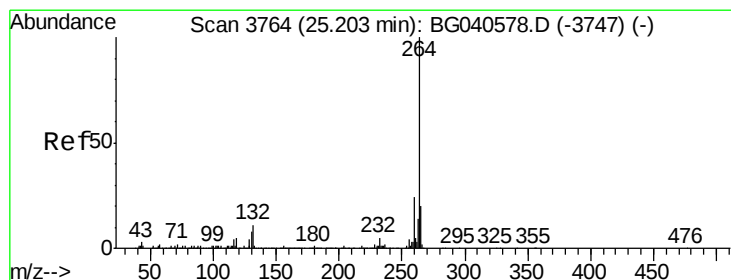
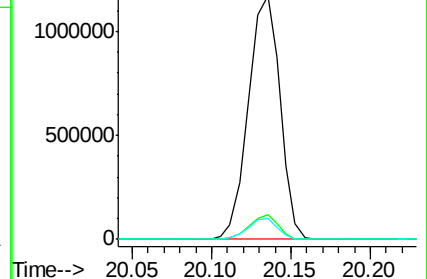
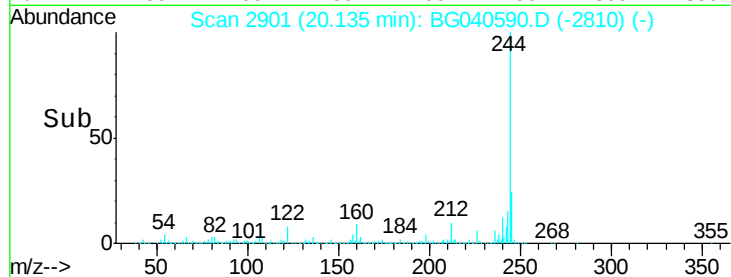
122 8.5 6.6 10.0



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: 25.21 min Scan# 3764

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

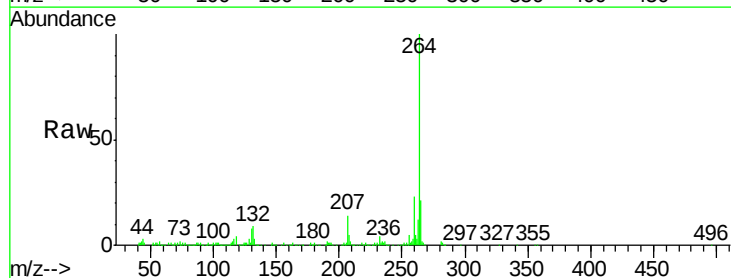
Tgt Ion:264 Resp: 403564

Ion Ratio Lower Upper

264 100

260 23.4 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

