

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040609.D
 Acq On : 25 Apr 2019 14:14
 Operator : JU/SJ
 Sample : K2542-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Apr 26 00:08:43 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	43875	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	171934	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	121437	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	337381	20.00	ng	0.00
76) Chrysene-d12	21.82	240	374877	20.00	ng	0.00
87) Perylene-d12	25.20	264	379961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	299377	120.28	ng	0.00
7) Phenol-d6	7.29	99	390255	101.83	ng	0.00
23) Nitrobenzene-d5	9.33	82	371036	99.71	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	246463	147.66	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	755300	89.82	ng	0.00
79) Terphenyl-d14	20.13	244	1632607	96.48	ng	0.00

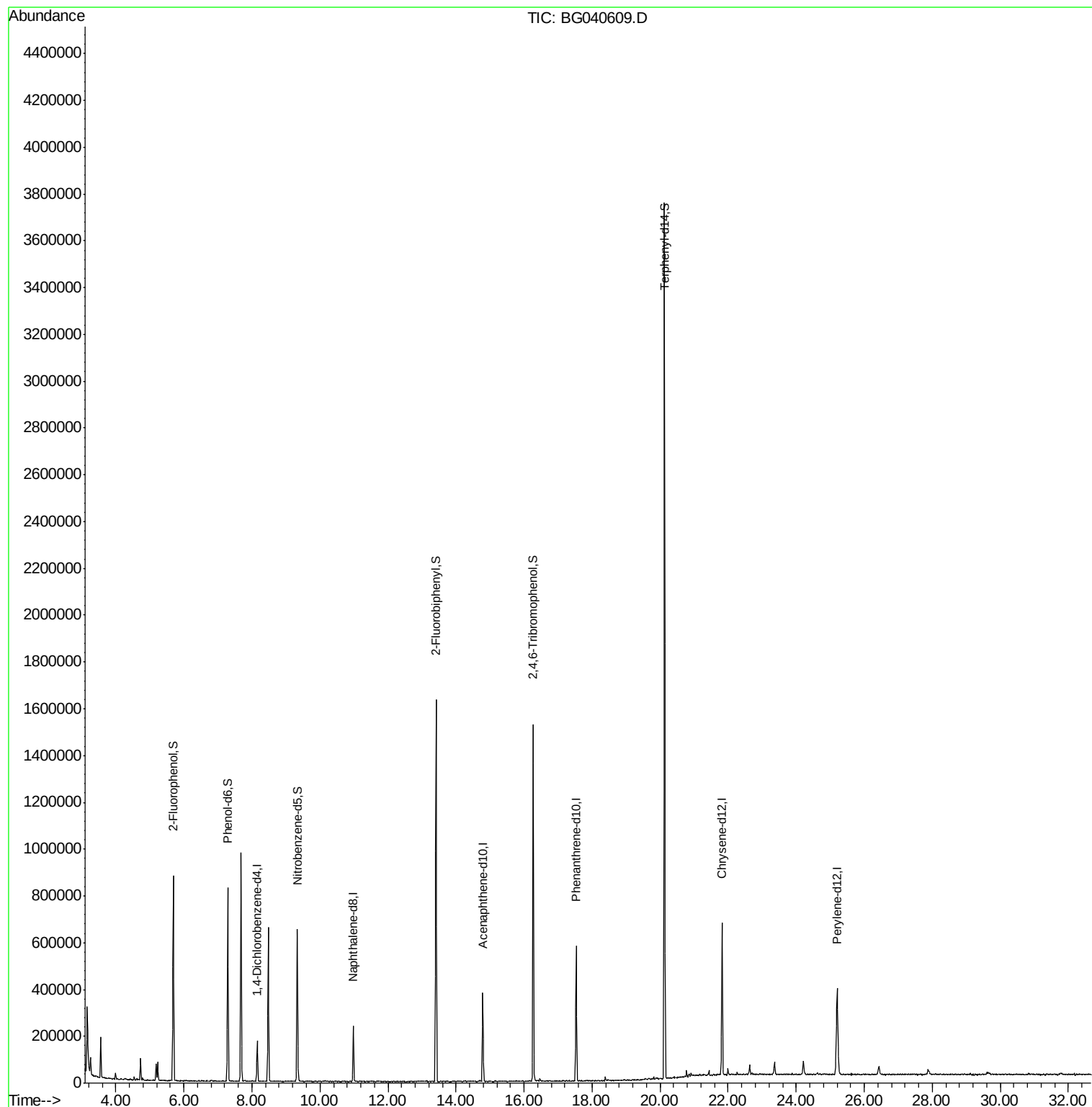
Target Compounds Qvalue

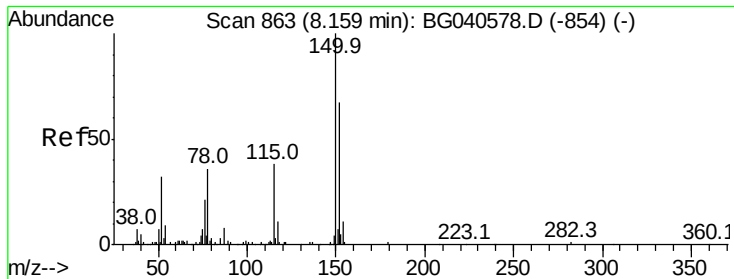
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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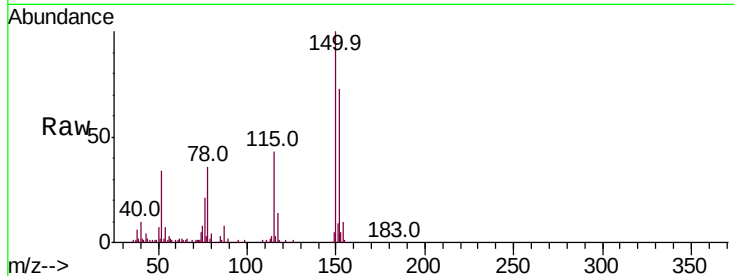


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040609.D
Acq: 25 Apr 2019 14:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.8	120.2	180.2
115	59.0	46.2	69.2

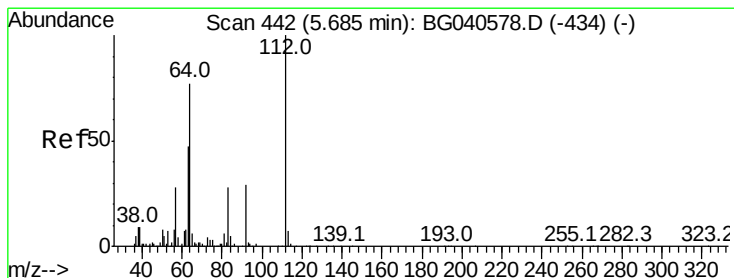
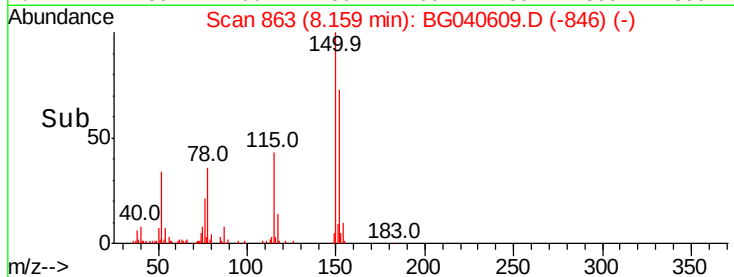
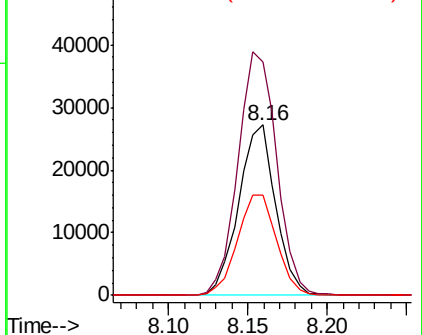


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

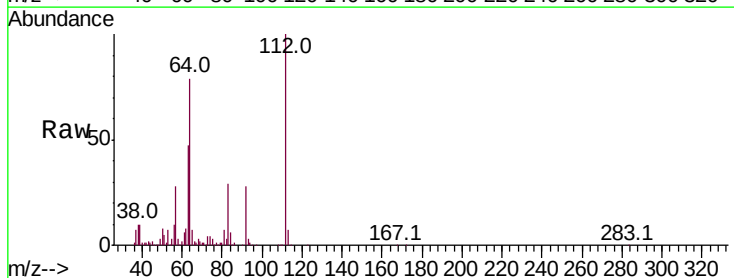
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.281 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040609.D
Acq: 25 Apr 2019 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.5	61.4	92.0
63	46.8	37.8	56.6

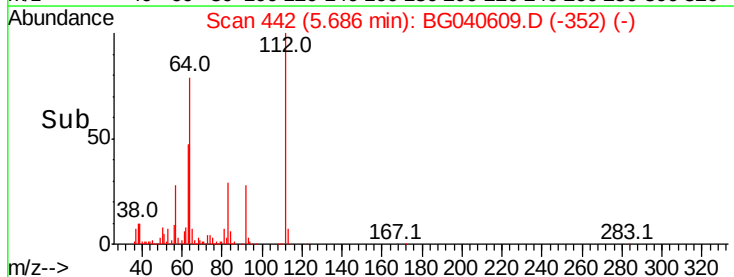
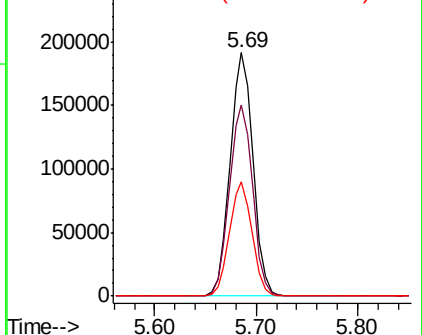


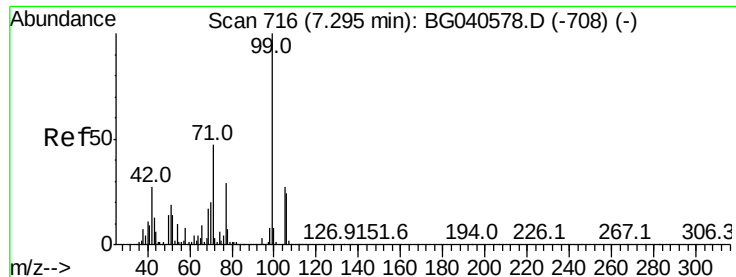
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.832 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040609.D

Acq: 25 Apr 2019 14:14

Instrument :

BNA_G

ClientSampleId :

TP-1

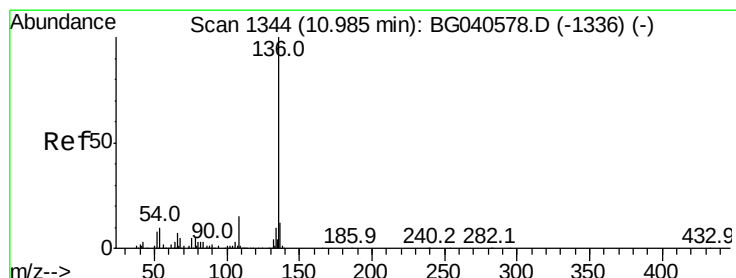
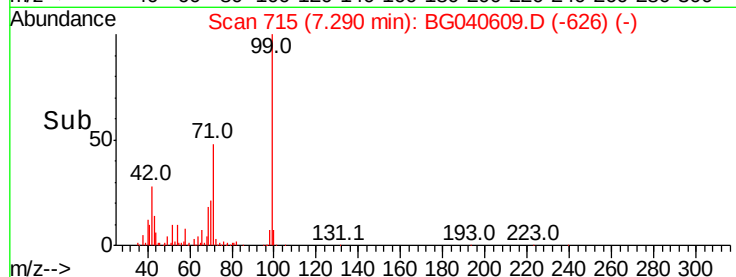
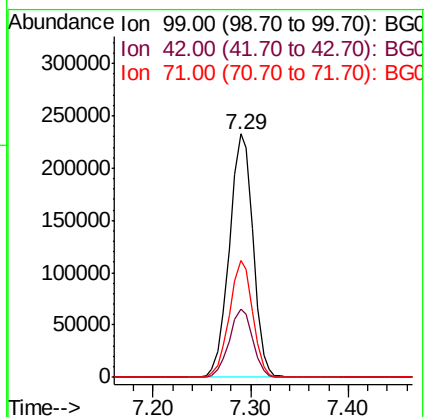
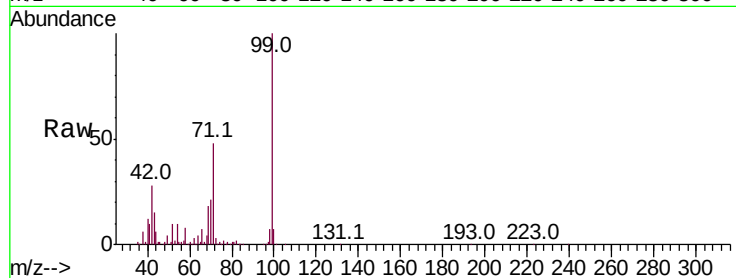
Tot Ion: 99 Resp: 390255

Ion Ratio Lower Upper

99 100

42 27.9 21.8 32.8

71 48.3 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG040609.D

Acq: 25 Apr 2019 14:14

Tgt Ion: 136 Resp: 171934

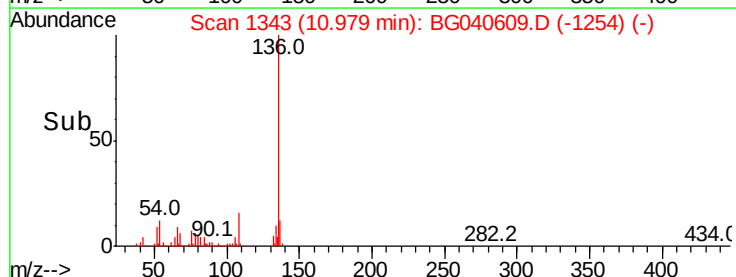
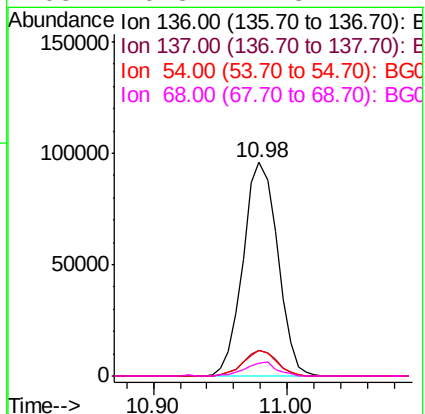
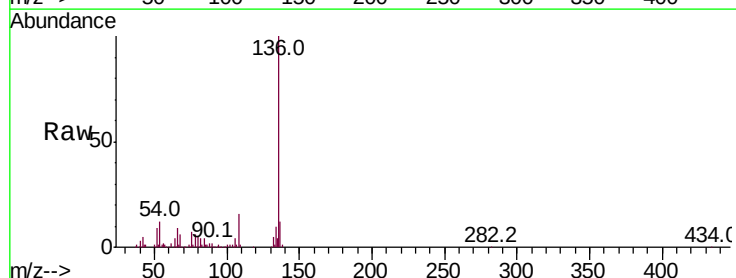
Ion Ratio Lower Upper

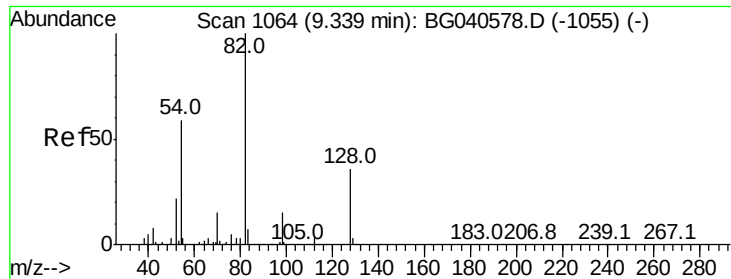
136 100

137 11.8 9.7 14.5

54 11.8 8.6 12.8

68 6.3 4.8 7.2

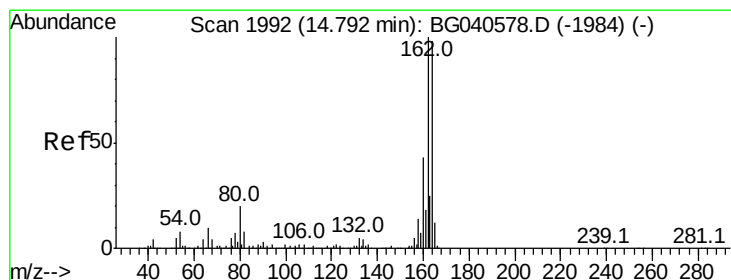
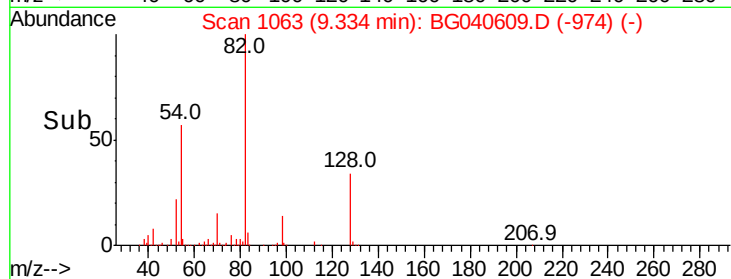
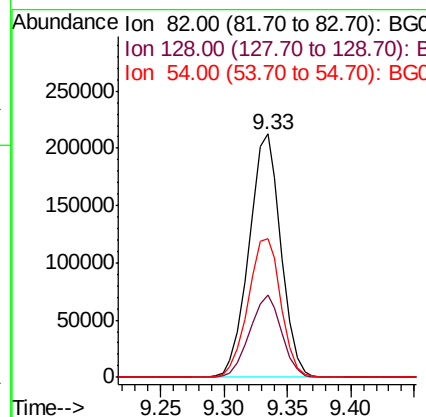
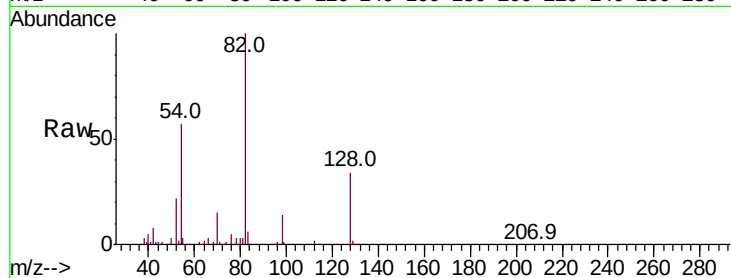




#23
 Nitrobenzene-d5
 Concen: 99.714 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040609.D
 Acq: 25 Apr 2019 14:14

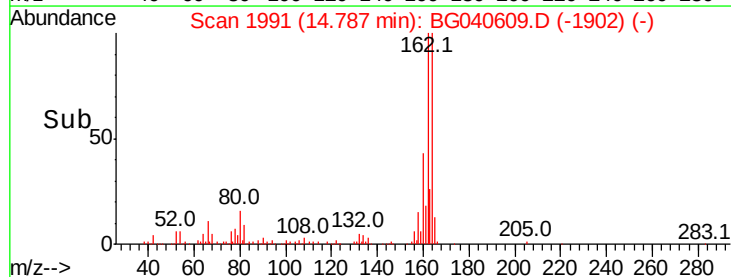
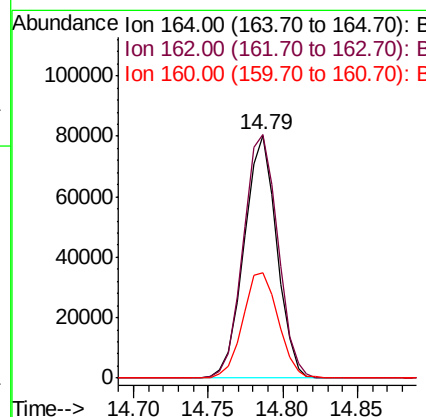
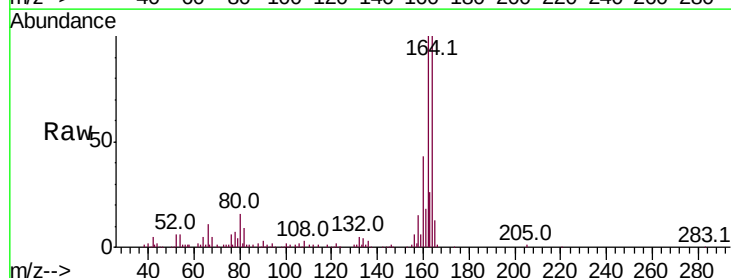
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

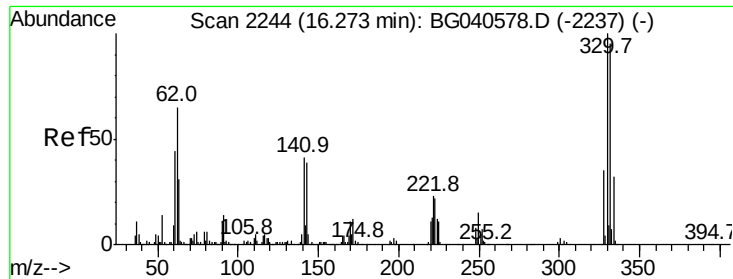
Tot Ion	82	Resp	371036
Ion Ratio	Lower	Upper	
82	100		
128	34.0	28.9	43.3
54	56.9	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG040609.D
 Acq: 25 Apr 2019 14:14

Tgt Ion	164	Resp	121437
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.9	122.9
160	43.6	35.4	53.2

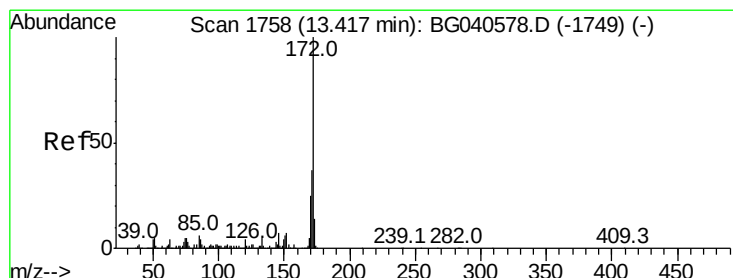
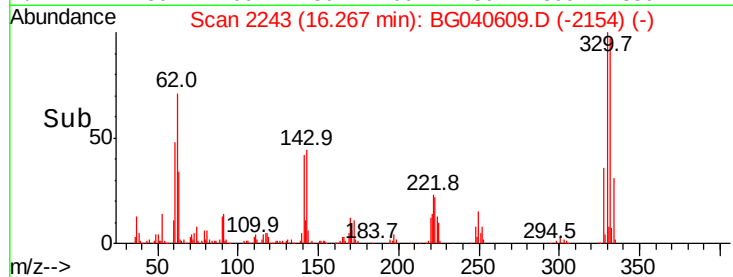
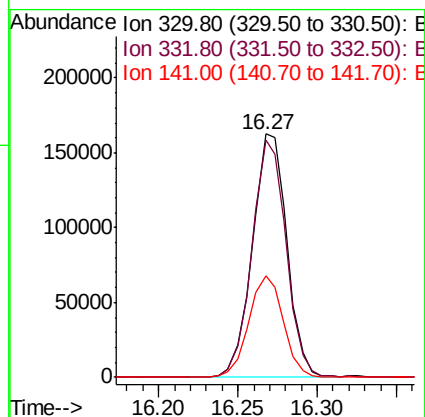
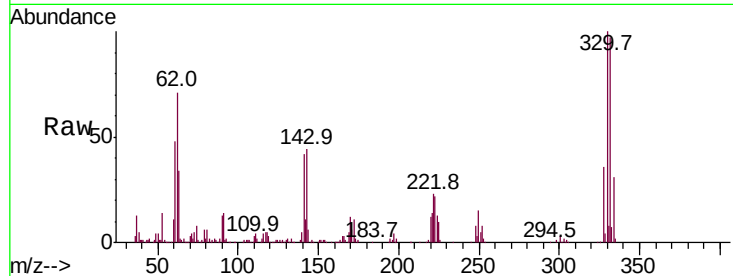




#42
 2,4,6-Tribromophenol
 Concen: 147.655 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG040609.D
 Acq: 25 Apr 2019 14:14

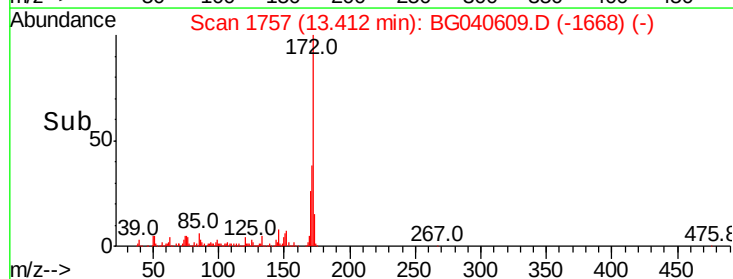
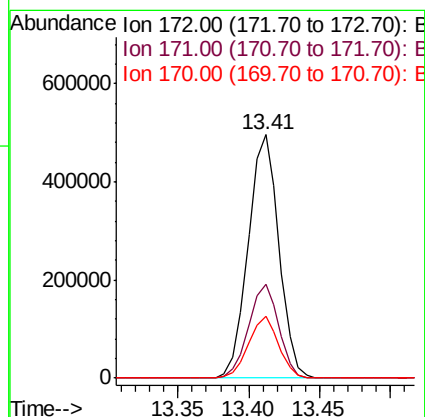
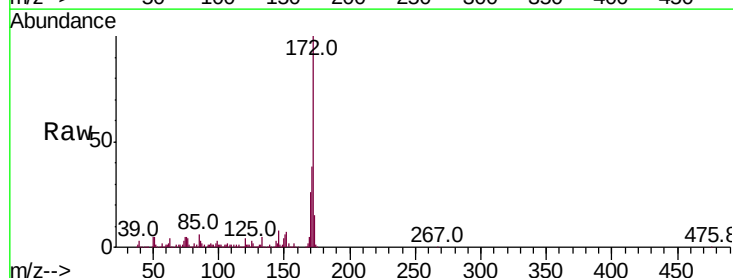
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

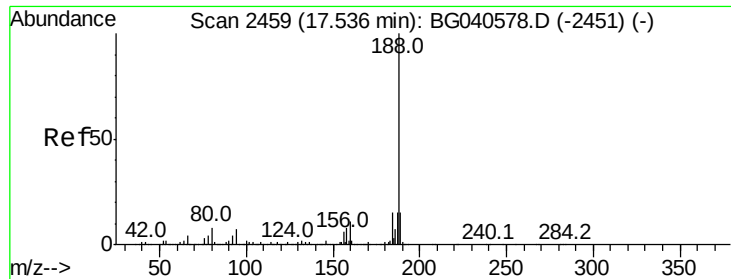
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.9	113.9
141	41.8	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 89.825 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040609.D
 Acq: 25 Apr 2019 14:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	25.6	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: BG040609.D

Acq: 25 Apr 2019 14:14

Instrument :

BNA_G

ClientSampleId :

TP-1

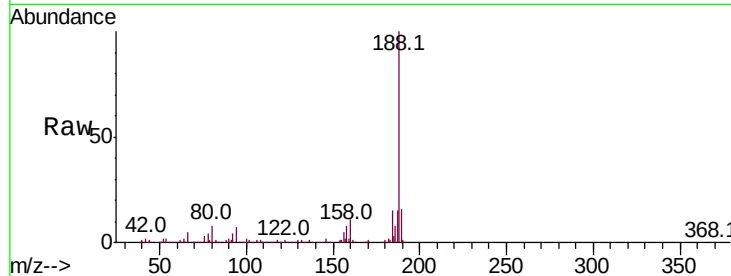
Tot Ion:188 Resp: 337381

Ion Ratio Lower Upper

188 100

94 7.0 5.6 8.4

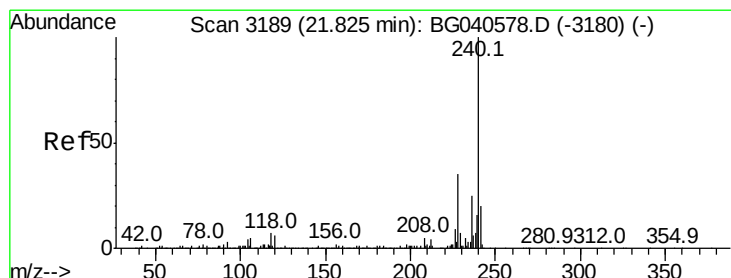
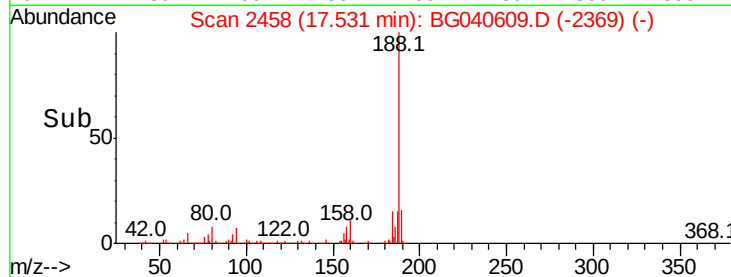
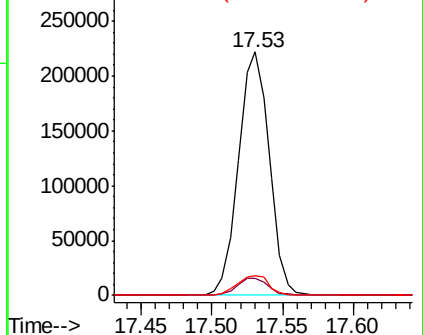
80 8.2 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG040609.D

Acq: 25 Apr 2019 14:14

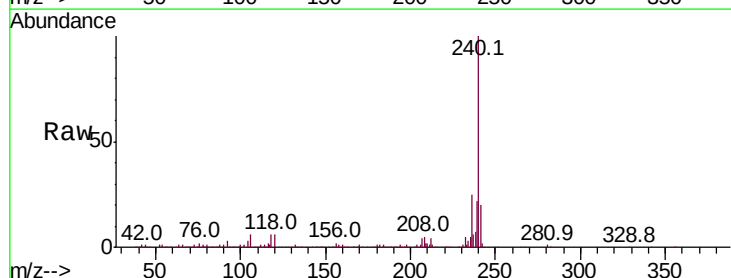
Tgt Ion:240 Resp: 374877

Ion Ratio Lower Upper

240 100

120 5.5 5.0 7.6

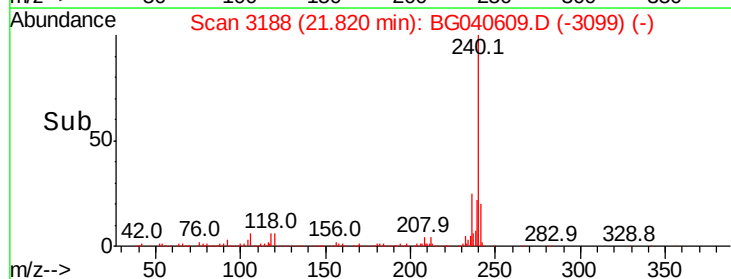
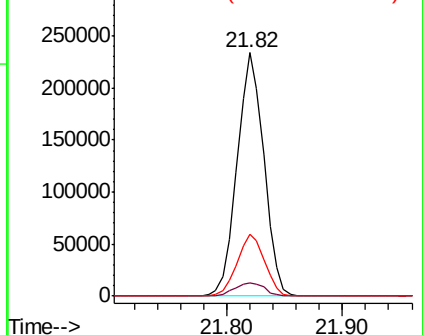
236 25.4 20.3 30.5

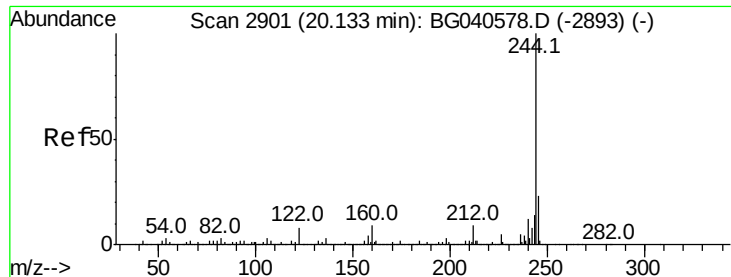


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.483 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040609.D

Acq: 25 Apr 2019 14:14

Instrument :

BNA_G

ClientSampleId :

TP-1

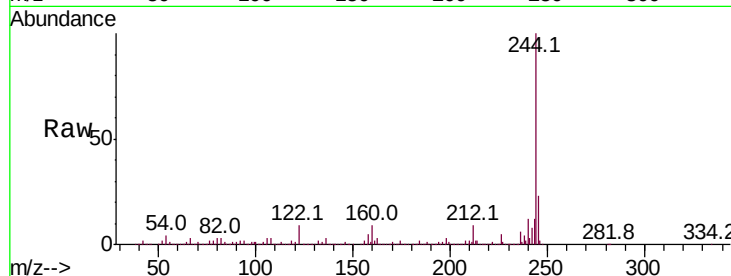
Tot Ion:244 Resp: 1632607

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	8.6	6.6	10.0

244 100

212 9.2 7.2 10.8

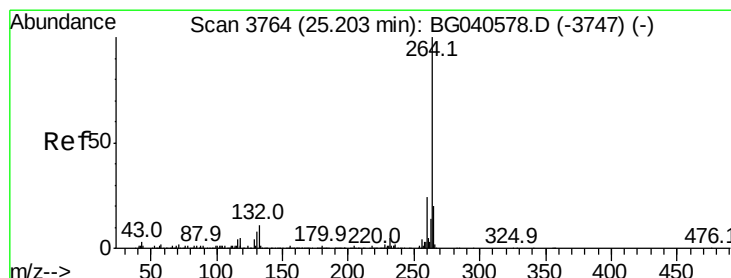
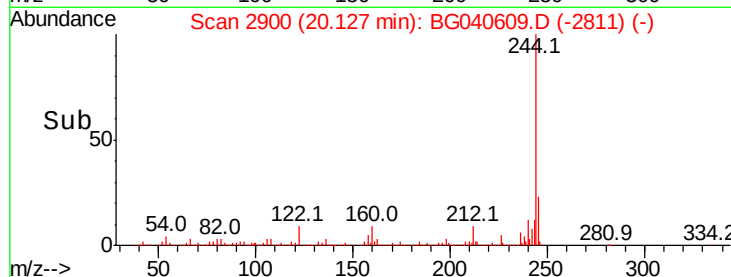
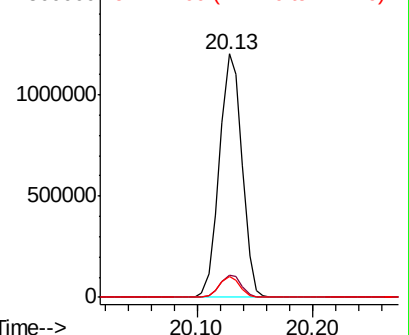
122 8.6 6.6 10.0



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: BG040609.D

Acq: 25 Apr 2019 14:14

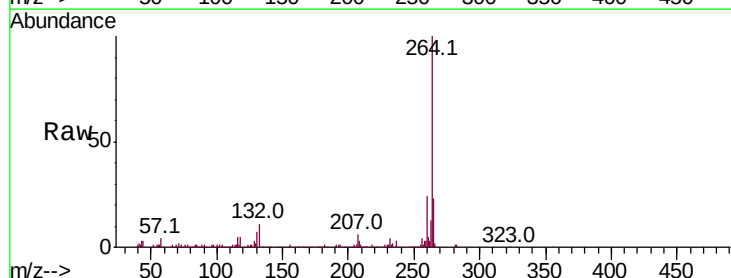
Tgt Ion:264 Resp: 379961

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.6	16.6	25.0

264 100

260 23.7 19.2 28.8

265 22.6 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

