

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041594.D
 Acq On : 3 Jul 2019 17:48
 Operator : HP/JU
 Sample : PB121160TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121160TB

Quant Time: Jul 04 01:02:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	25720	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	87600	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	60556	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	171296	20.00	ng	0.00
76) Chrysene-d12	21.70	240	207744	20.00	ng	0.00
87) Perylene-d12	24.98	264	224822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	178147	123.49	ng	0.00
7) Phenol-d6	7.19	99	238169	117.28	ng	0.00
23) Nitrobenzene-d5	9.21	82	170397	81.13	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	124075	120.00	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	406811	86.21	ng	0.00
79) Terphenyl-d14	20.02	244	944461	96.61	ng	0.00

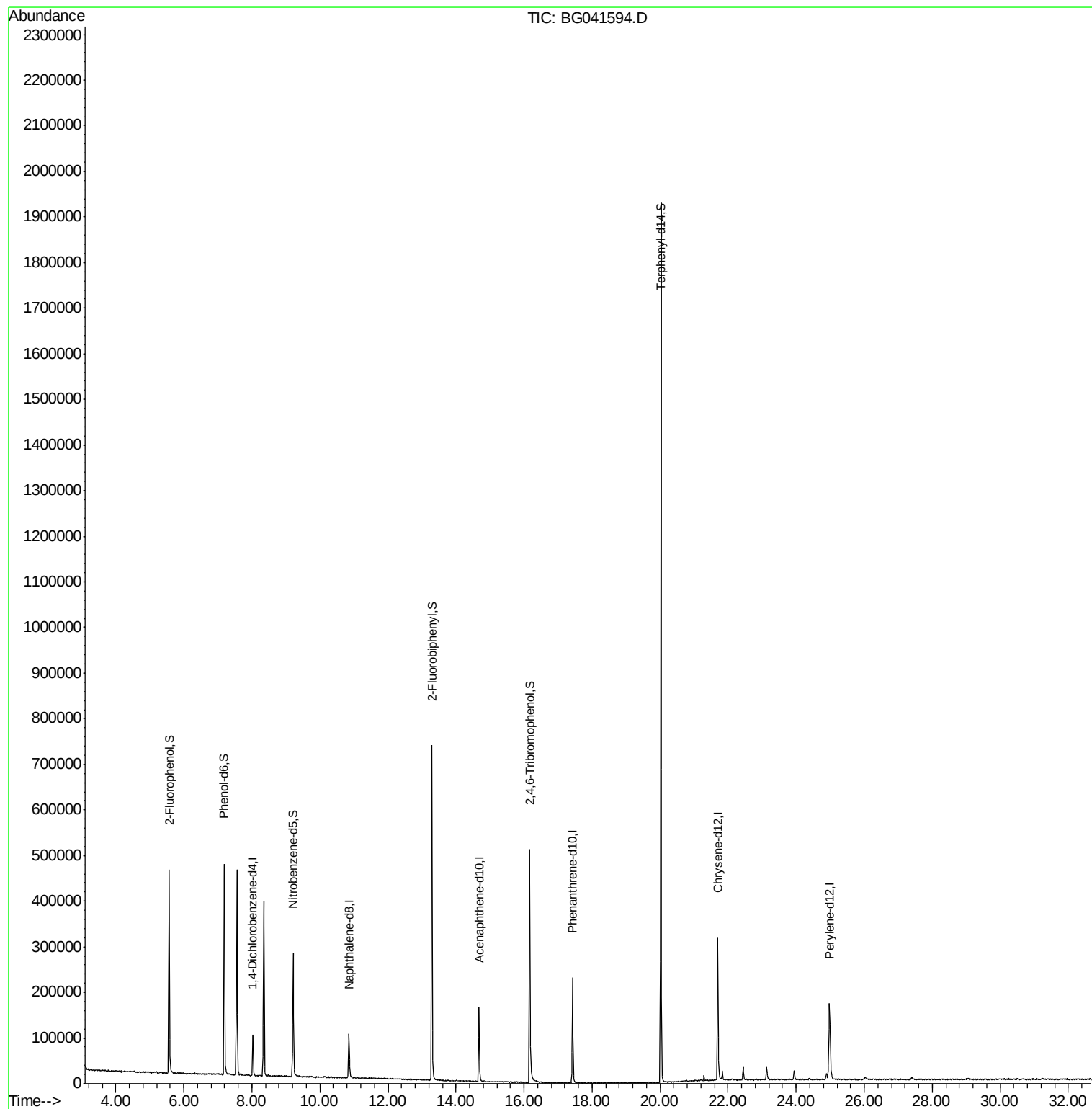
Target Compounds Qvalue

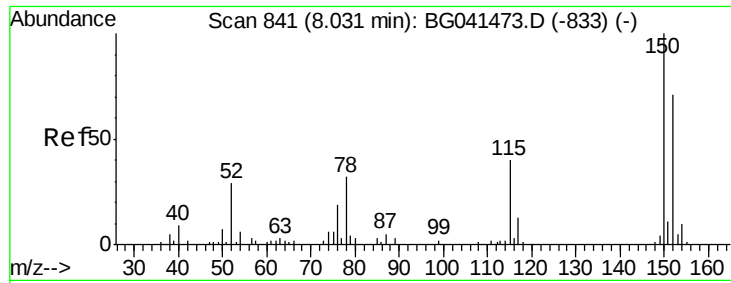
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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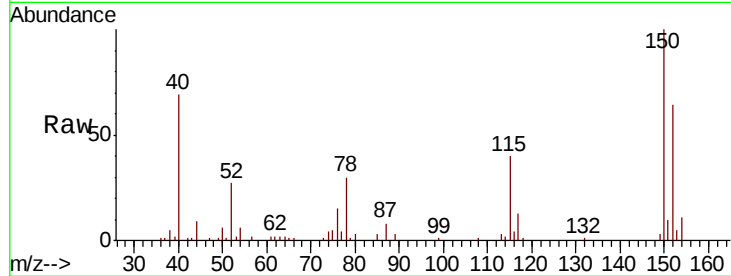


#1

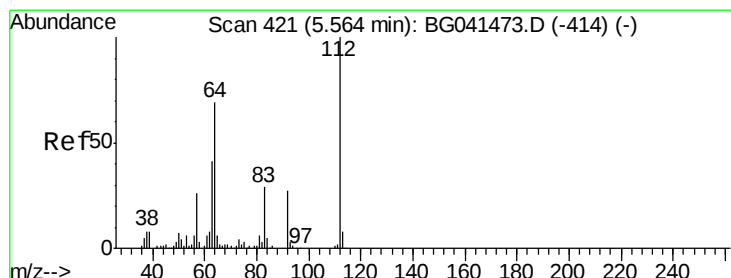
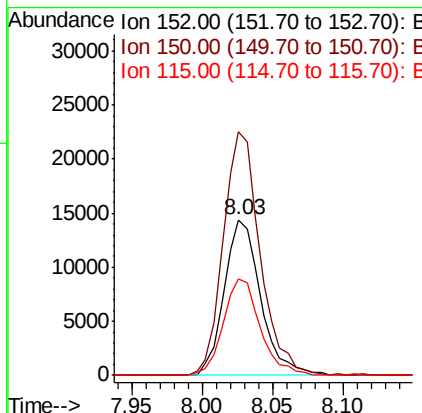
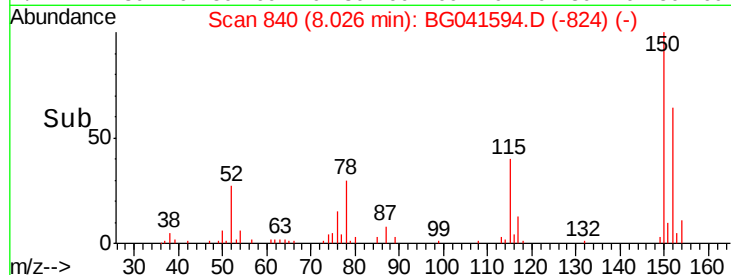
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG041594.D
 Acq: 3 Jul 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 PB121160TB

Tot Ion:152 Resp: 25720
 Ion Ratio Lower Upper
 152 100
 150 156.4 112.4 168.6
 115 62.2 44.6 66.8



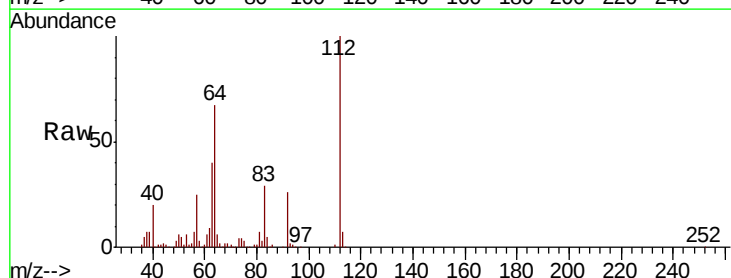
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



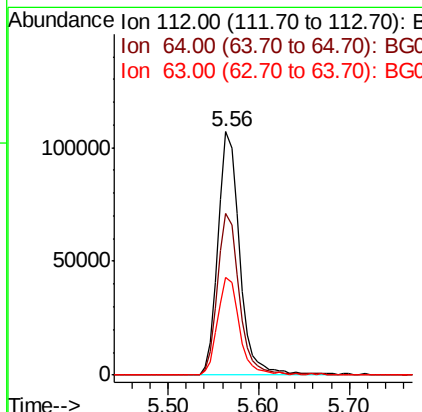
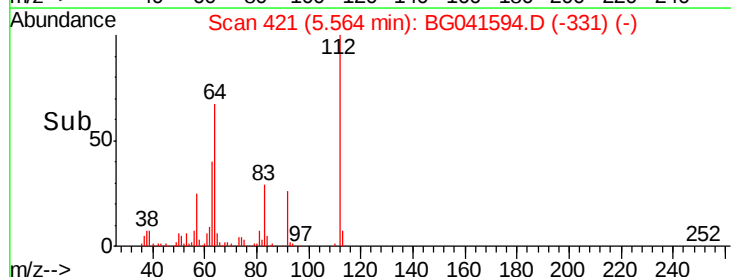
#5

2-Fluorophenol
 Concen: 123.487 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BG041594.D
 Acq: 3 Jul 2019 17:48

Tgt Ion:112 Resp: 178147
 Ion Ratio Lower Upper
 112 100
 64 66.6 55.1 82.7
 63 40.3 32.4 48.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.276 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041594.D

Acq: 3 Jul 2019 17:48

Instrument :

BNA_G

ClientSampleId :

PB121160TB

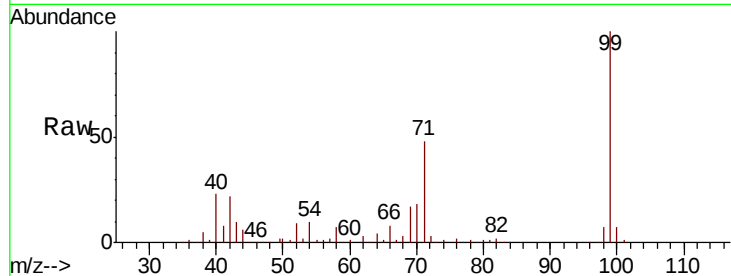
Tot Ion: 99 Resp: 238169

Ion Ratio Lower Upper

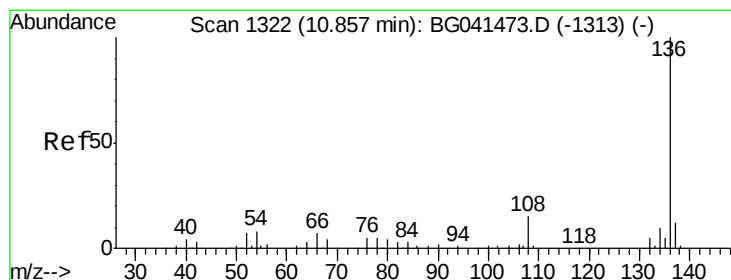
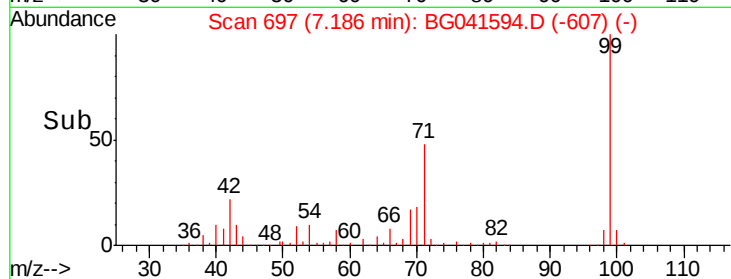
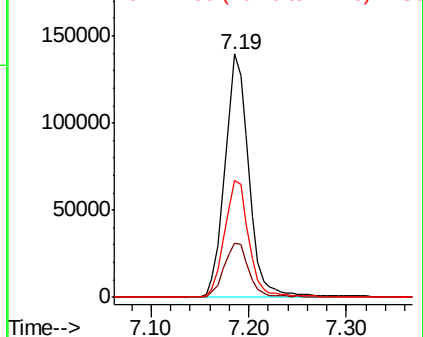
99 100

42 22.4 19.0 28.6

71 48.2 37.4 56.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041594.D

Acq: 3 Jul 2019 17:48

Tgt Ion: 136 Resp: 87600

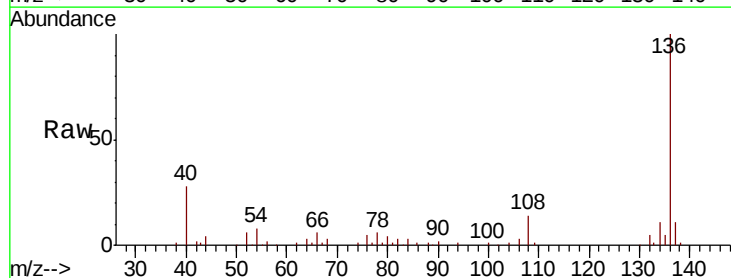
Ion Ratio Lower Upper

136 100

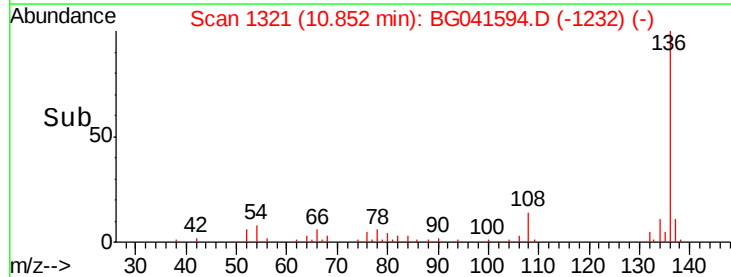
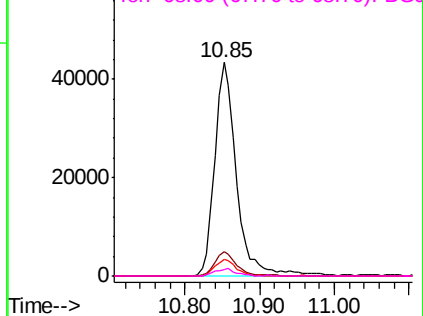
137 11.5 9.3 13.9

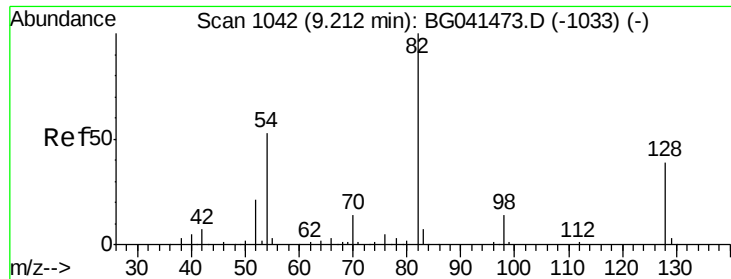
54 7.8 7.1 10.7

68 2.9 3.3 4.9#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

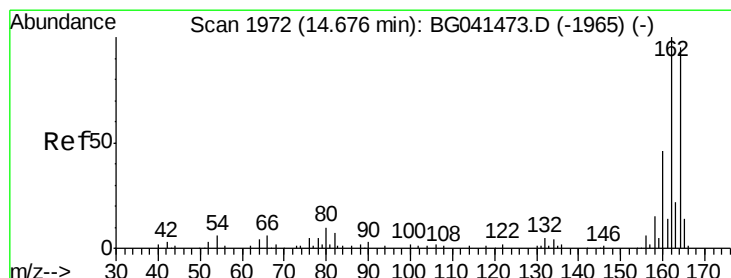
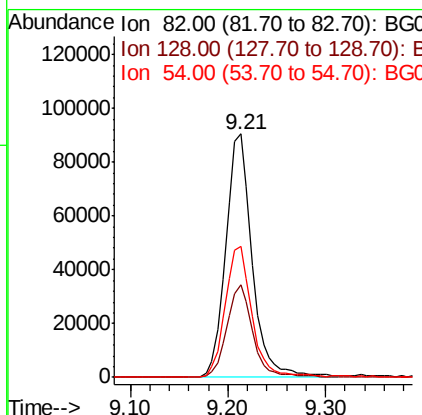
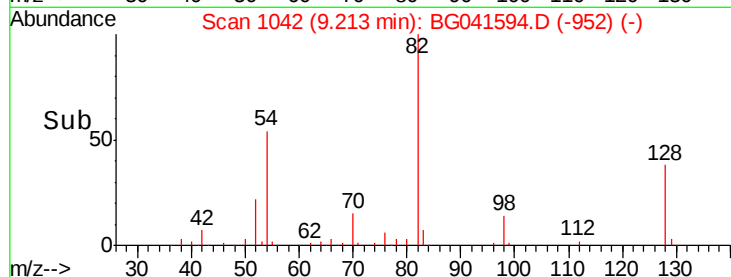
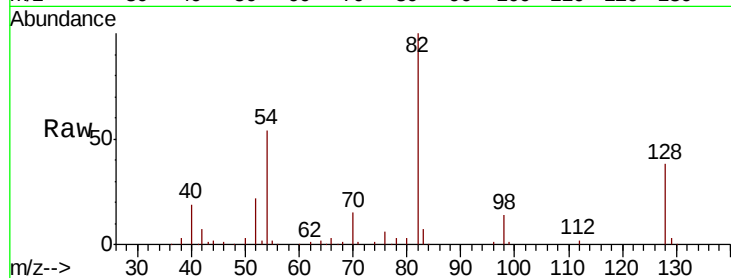




#23
Nitrobenzene-d5
Concen: 81.127 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041594.D
Acq: 3 Jul 2019 17:48

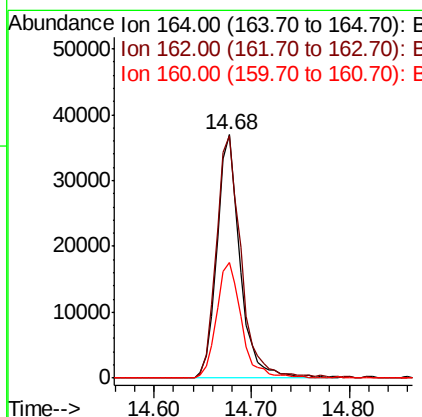
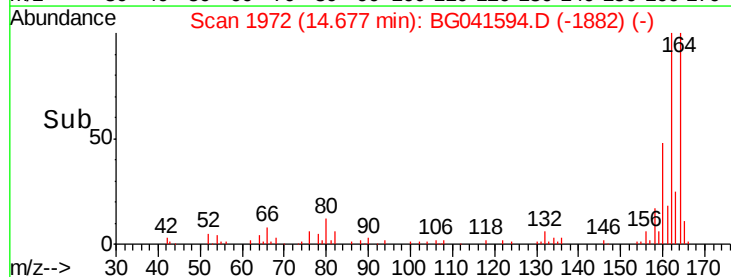
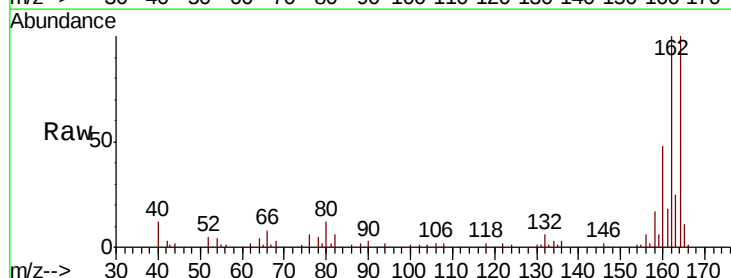
Instrument :
BNA_G
ClientSampleId :
PB121160TB

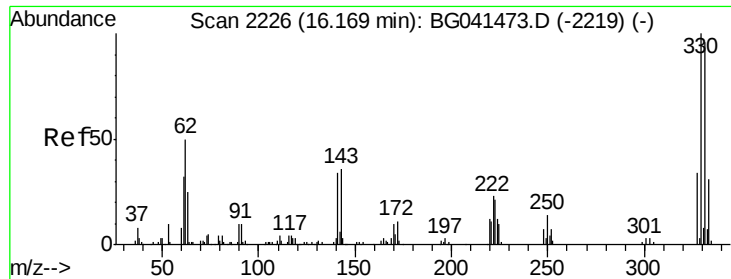
Tot Ion	82	Resp	170397
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.9	46.3
54	53.7	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG041594.D
Acq: 3 Jul 2019 17:48

Tgt Ion	164	Resp	60556
Ion Ratio	Lower	Upper	
164	100		
162	99.7	84.4	126.6
160	47.6	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 120.000 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG041594.D

Acq: 3 Jul 2019 17:48

Instrument :

BNA_G

ClientSampleId :

PB121160TB

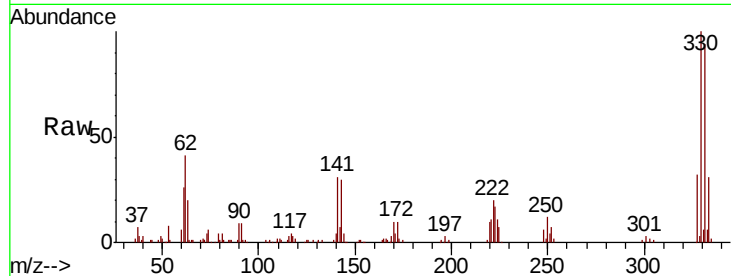
Tot Ion:330 Resp: 124075

Ion Ratio Lower Upper

330 100

332 95.3 75.5 113.3

141 35.2 27.8 41.6

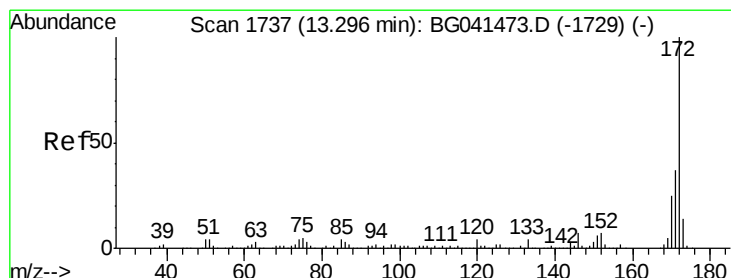
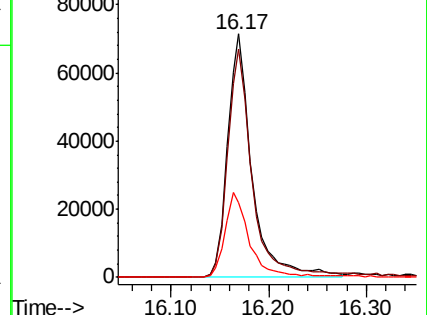
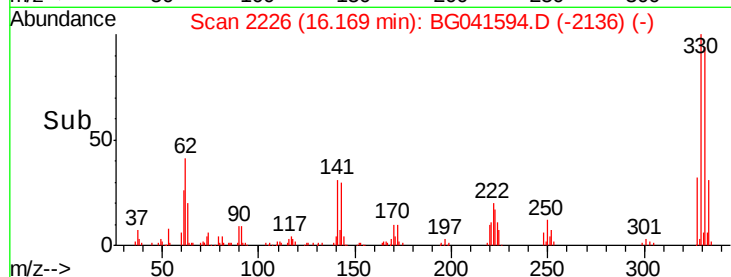


Abundance

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: 86.208 ng

RT: 13.30 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BG041594.D

Acq: 3 Jul 2019 17:48

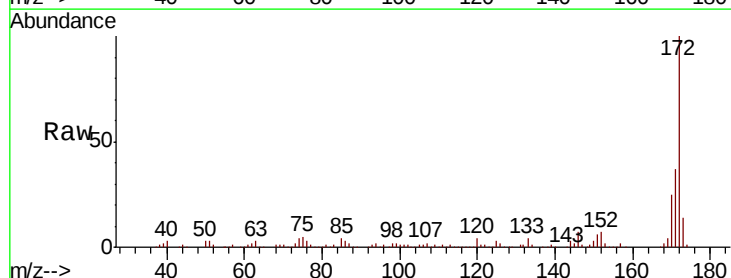
Tgt Ion:172 Resp: 406811

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 25.3 20.0 30.0

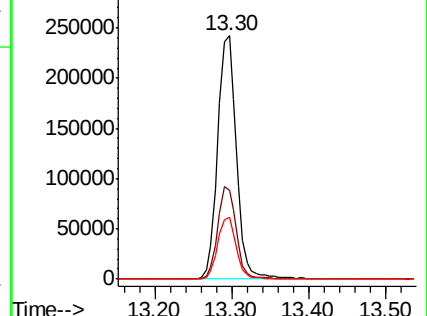
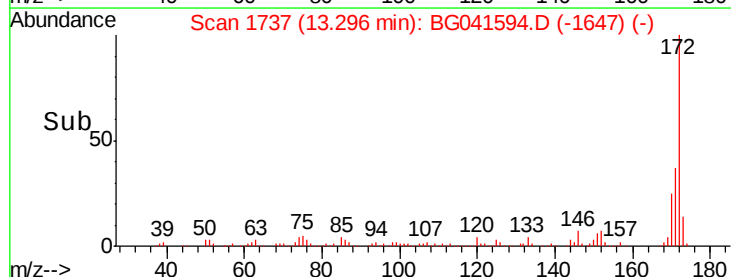


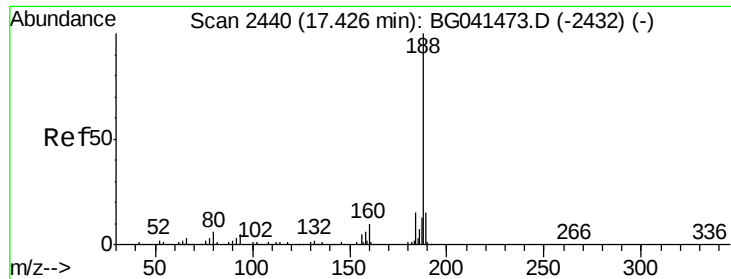
Abundance

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

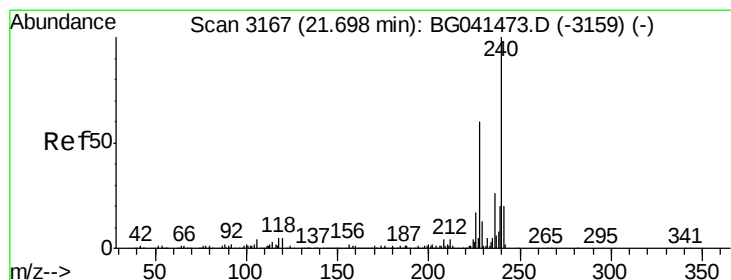
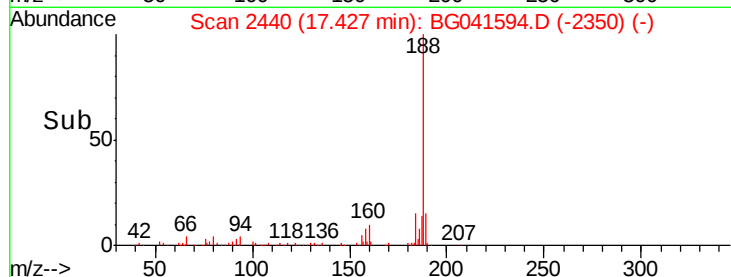
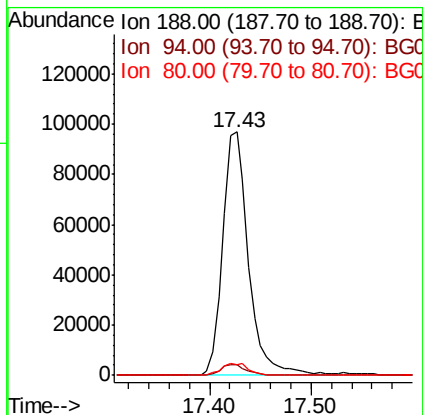
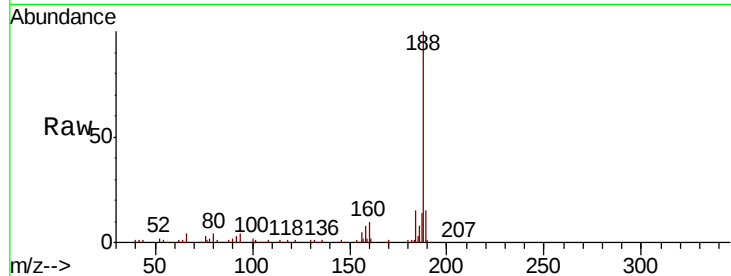




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG041594.D
Acq: 3 Jul 2019 17:48

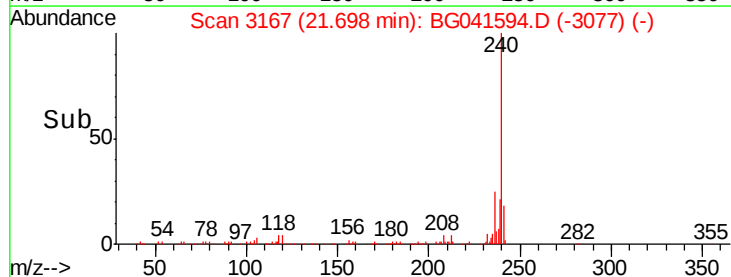
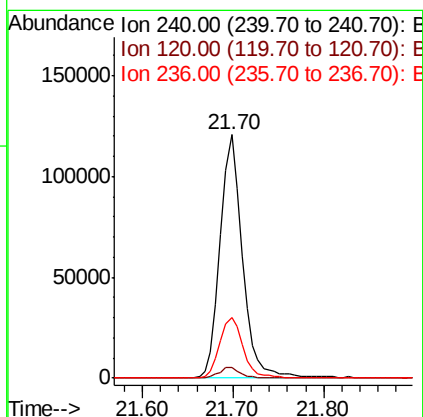
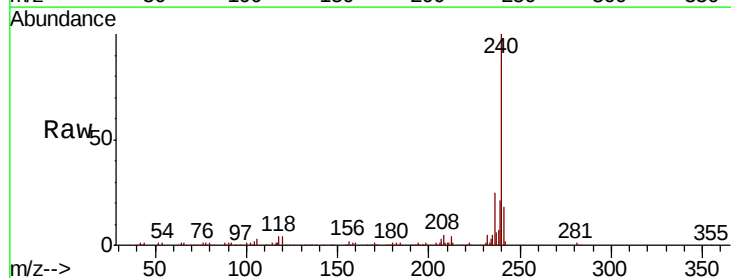
Instrument :
BNA_G
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PB121160TB

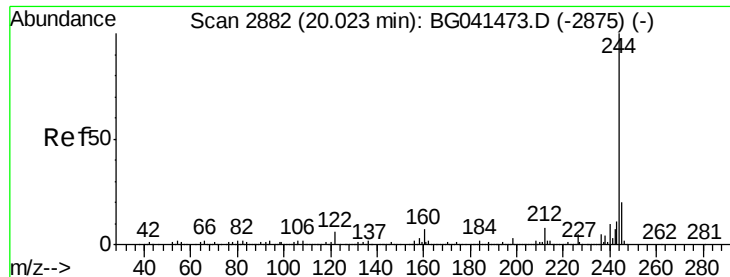
Tot Ion:188 Resp: 171296
Ion Ratio Lower Upper
188 100
94 4.4 3.8 5.8
80 4.5 4.8 7.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG041594.D
Acq: 3 Jul 2019 17:48

Tgt Ion:240 Resp: 207744
Ion Ratio Lower Upper
240 100
120 4.1 3.7 5.5
236 25.1 20.8 31.2





#79

Terphenyl-d14

Concen: 96.612 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG041594.D

Acq: 3 Jul 2019 17:48

Instrument :

BNA_G

ClientSampleId :

PB121160TB

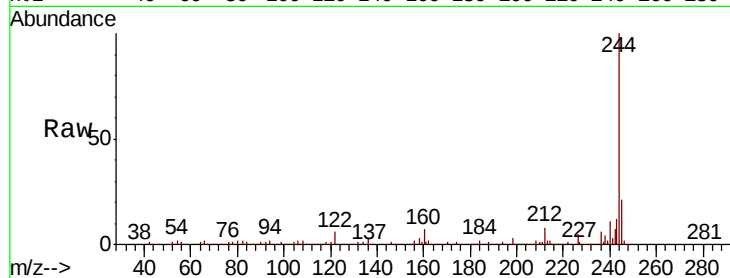
Tot Ion:244 Resp: 944461

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

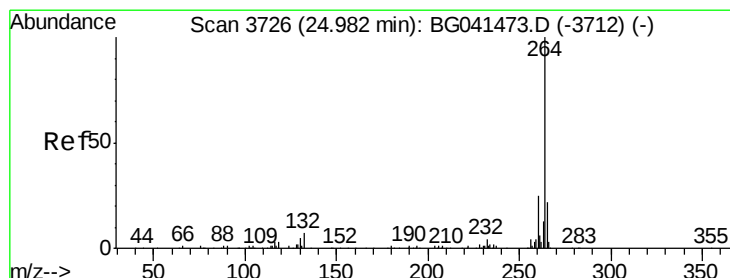
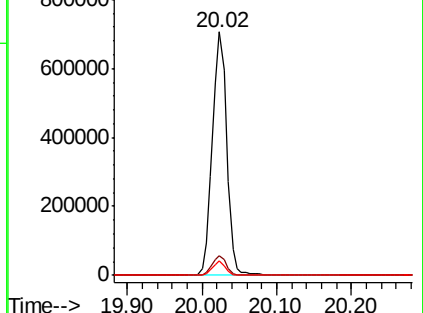
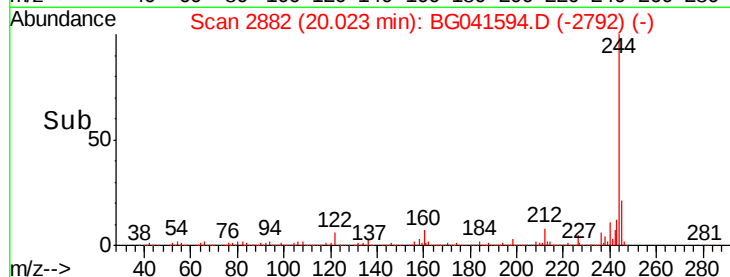
122 5.8 4.8 7.2



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: 24.98 min Scan# 3726

Delta R.T. 0.00 min

Lab File: BG041594.D

Acq: 3 Jul 2019 17:48

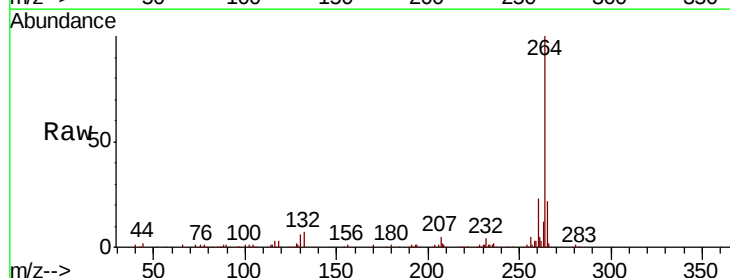
Tgt Ion:264 Resp: 224822

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

265 22.0 17.4 26.2



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

