

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043824.D
 Acq On : 17 Dec 2019 18:01
 Operator : JU
 Sample : PB125517BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125517BL

Quant Time: Dec 18 01:30:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	111632	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	489950	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	378032	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	931116	20.00	ng	0.00
76) Chrysene-d12	21.63	240	819068	20.00	ng	0.00
87) Perylene-d12	24.79	264	846218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	911087	154.64	ng	0.00
7) Phenol-d6	7.17	99	1317169	155.02	ng	0.00
23) Nitrobenzene-d5	9.16	82	768846	88.11	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	637237	176.82	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1846580	85.80	ng	0.00
79) Terphenyl-d14	19.99	244	3106751	91.25	ng	0.00

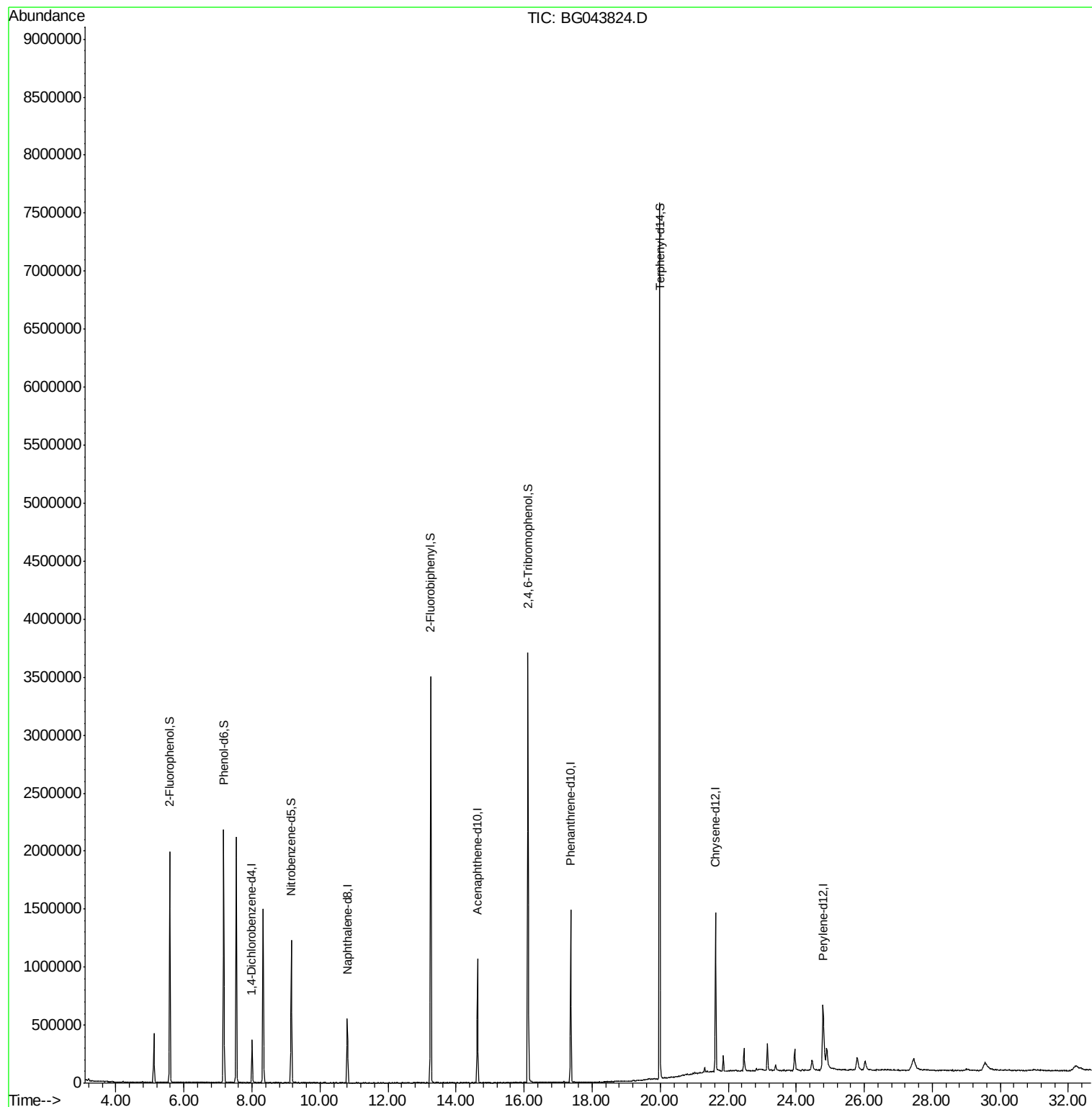
Target Compounds Qvalue

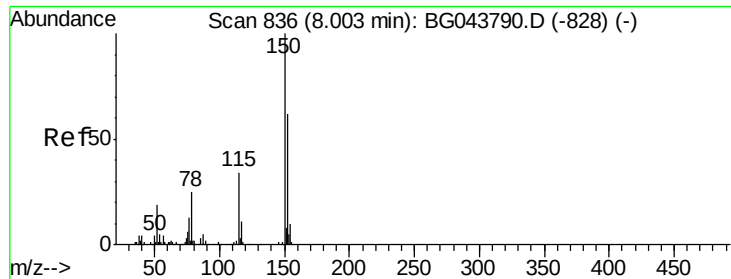
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG043824.D

Acq: 17 Dec 2019 18:01

Instrument :

BNA_G

ClientSampleId :

PB125517BL

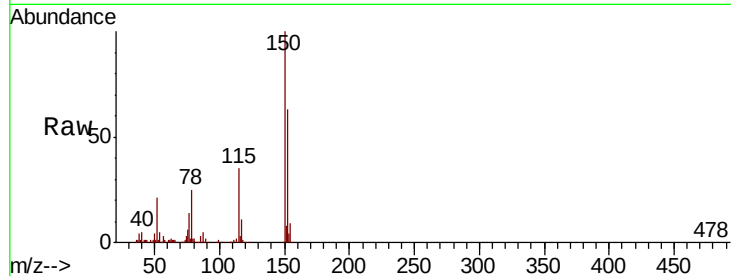
Tot Ion:152 Resp: 111632

Ion Ratio Lower Upper

152 100

150 157.5 128.6 192.8

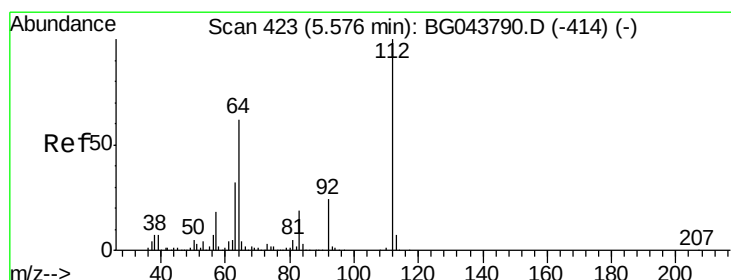
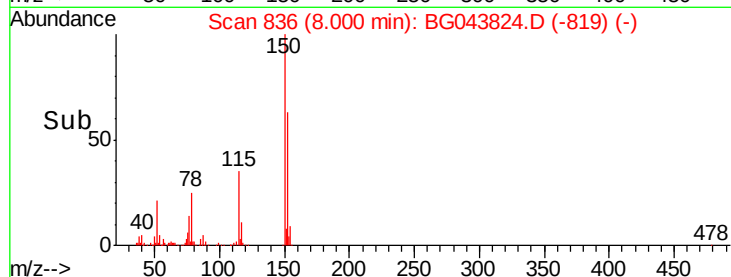
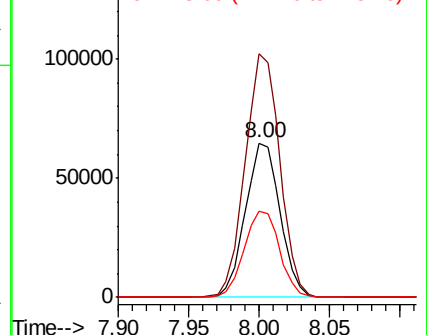
115 55.4 44.3 66.5



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: 154.638 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043824.D

Acq: 17 Dec 2019 18:01

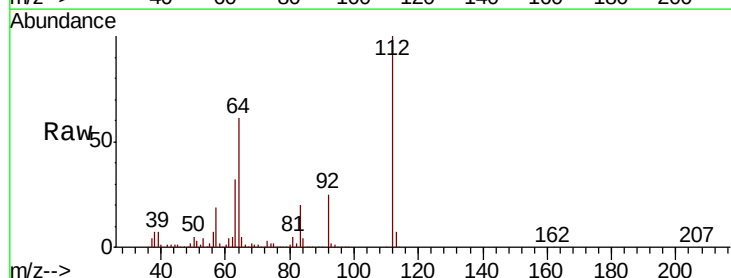
Tgt Ion:112 Resp: 911087

Ion Ratio Lower Upper

112 100

64 61.1 49.9 74.9

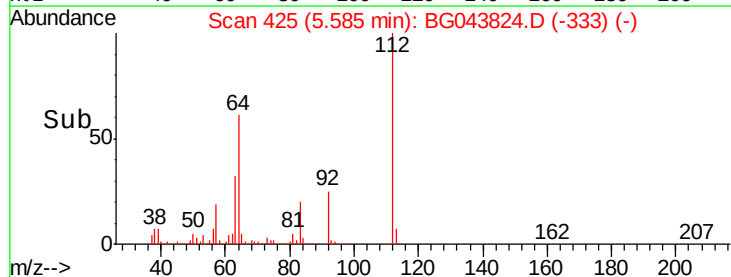
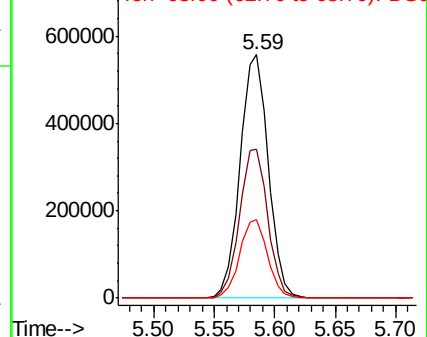
63 32.3 26.0 39.0

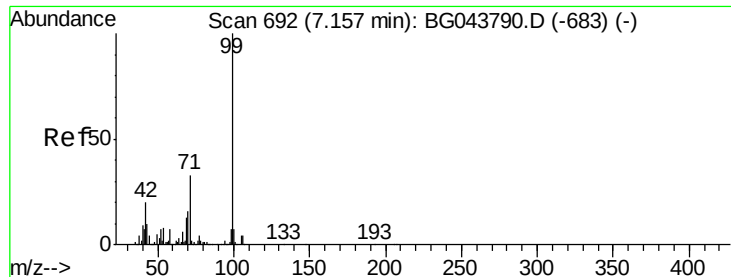


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 155.016 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043824.D

Acq: 17 Dec 2019 18:01

Instrument :

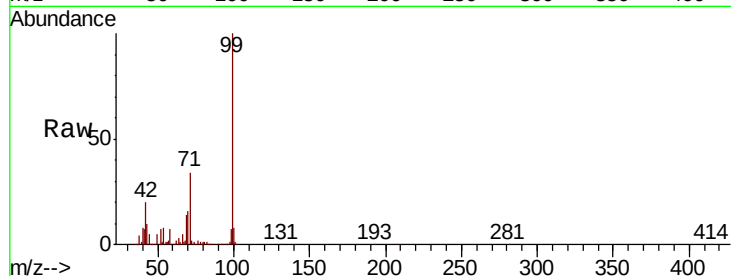
BNA_G

ClientSampleId :

PB125517BL

Tot Ion: 99 Resp: 1317169

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.2
71	34.2	26.6	40.0

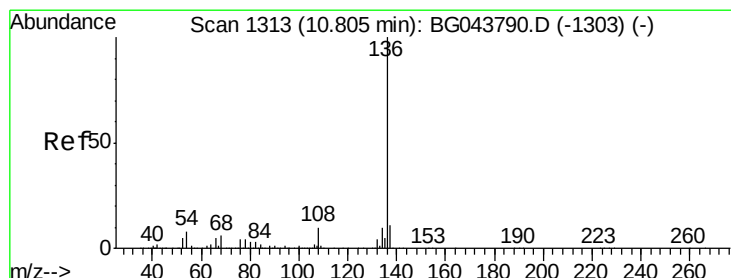
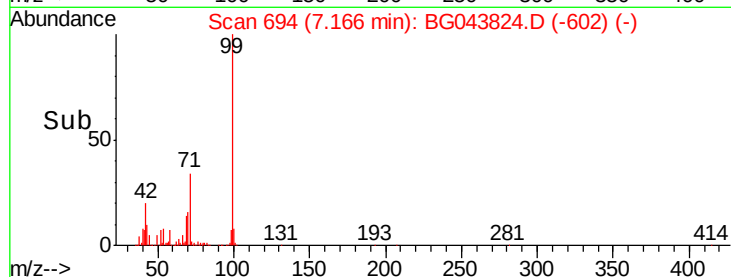
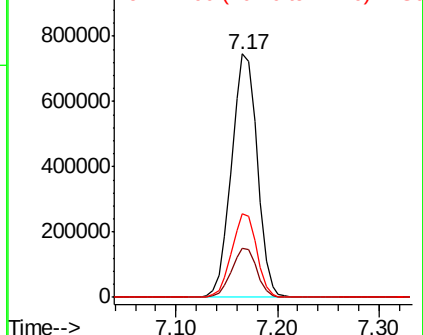


Abundance

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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043824.D

Acq: 17 Dec 2019 18:01

Tgt Ion: 136 Resp: 489950

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.9	6.8	10.2
68	6.2	5.0	7.4

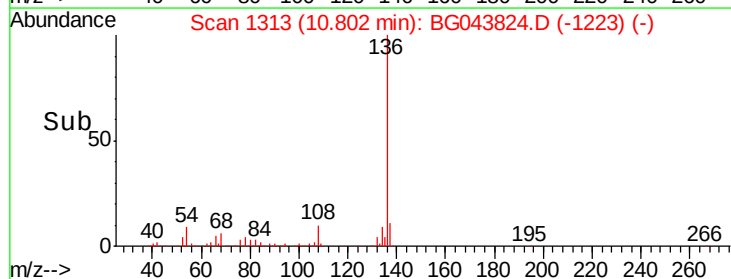
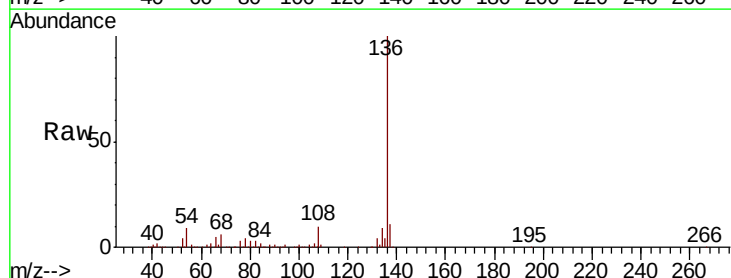
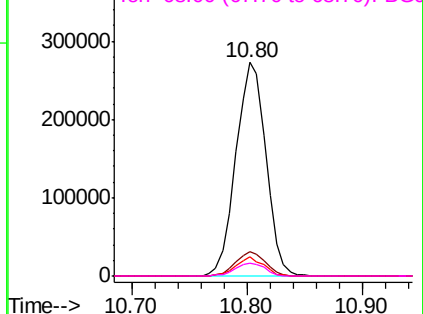
Abundance

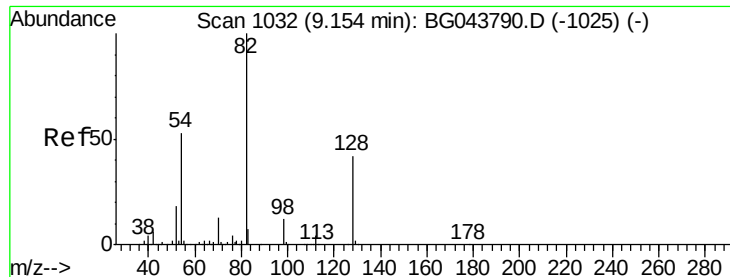
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

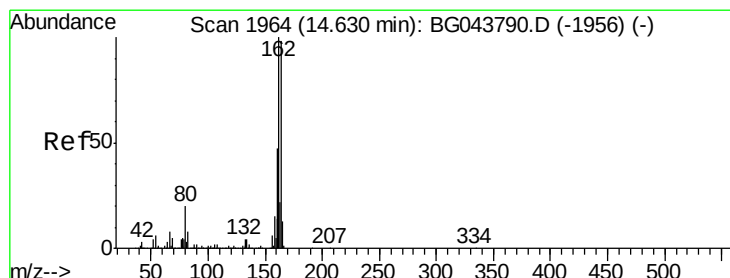
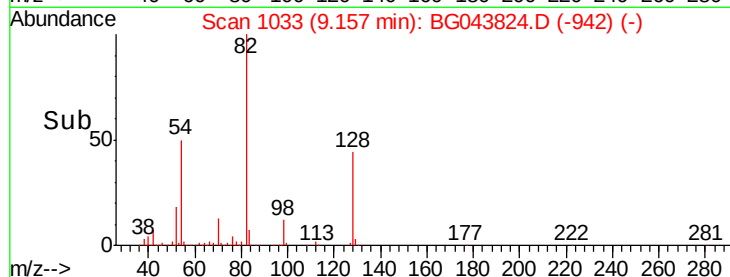
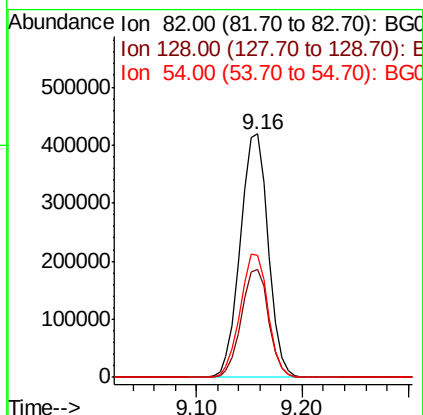
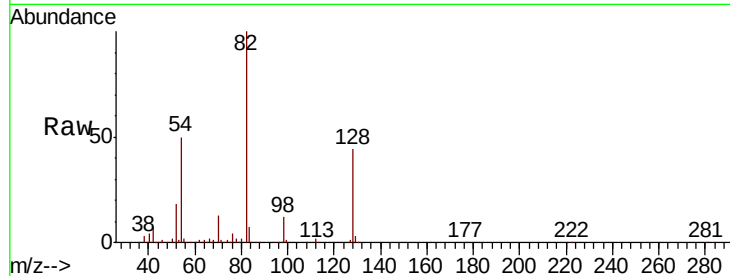




#23
Nitrobenzene-d5
Concen: 88.108 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043824.D
Acq: 17 Dec 2019 18:01

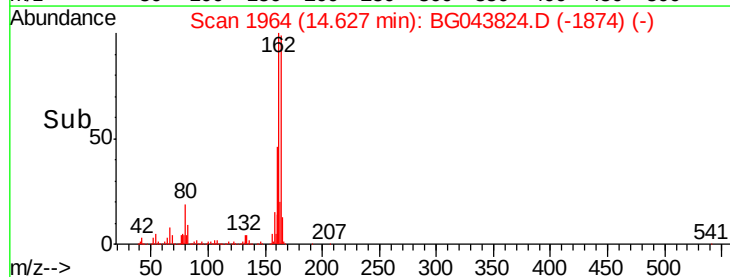
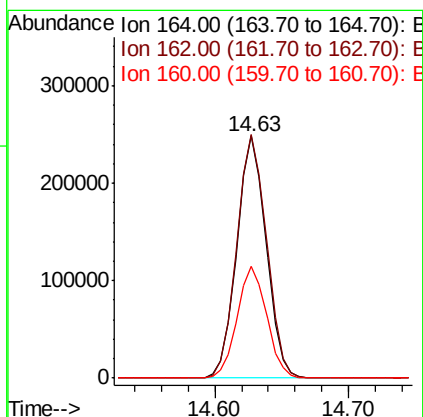
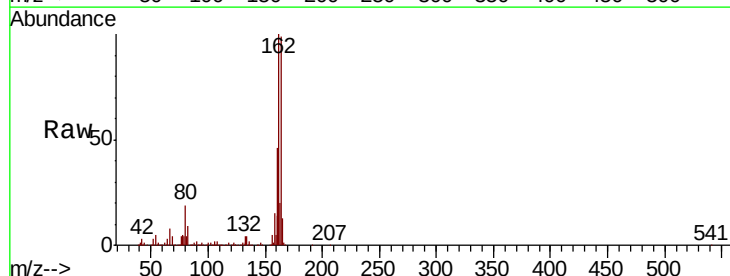
Instrument :
BNA_G
ClientSampleId :
PB125517BL

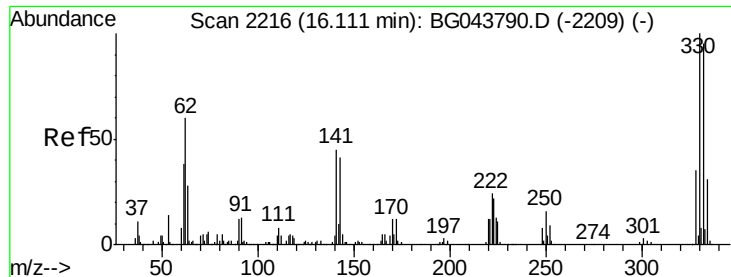
Tot Ion	82	Resp	768846
Ion Ratio	Lower	Upper	
82	100		
128	44.3	33.6	50.4
54	50.2	42.1	63.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043824.D
Acq: 17 Dec 2019 18:01

Tgt Ion	164	Resp	378032
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.9	122.9
160	46.0	38.3	57.5

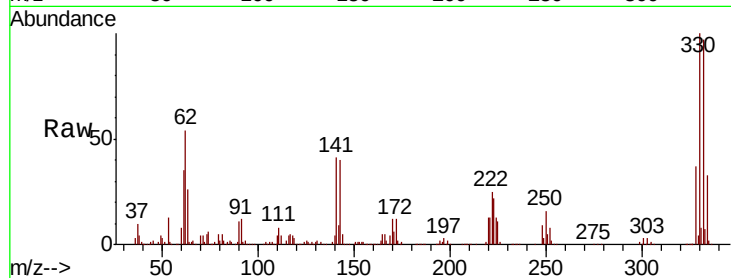




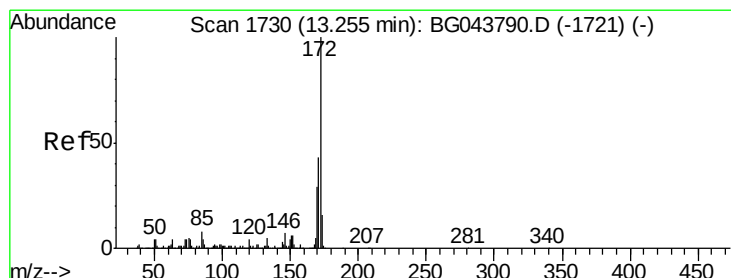
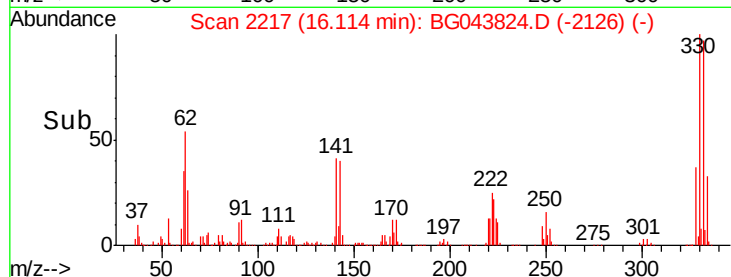
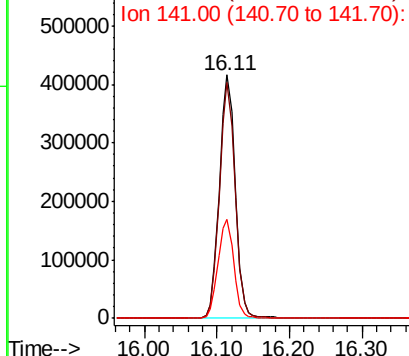
#42
 2,4,6-Tribromophenol
 Concen: 176.815 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043824.D
 Acq: 17 Dec 2019 18:01

Instrument :
 BNA_G
 ClientSampled :
 PB125517BL

Tot Ion:330 Resp: 637237
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.9 115.3
 141 40.5 33.8 50.8

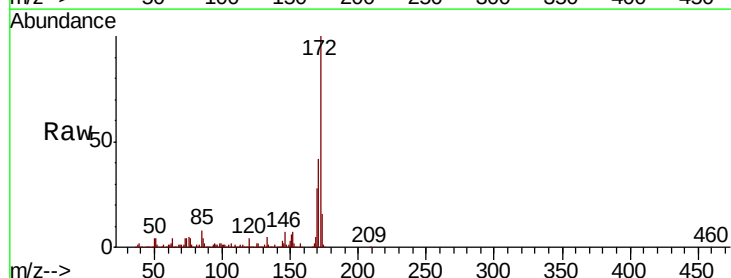


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

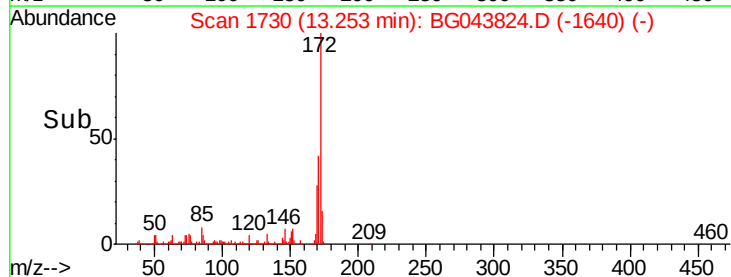
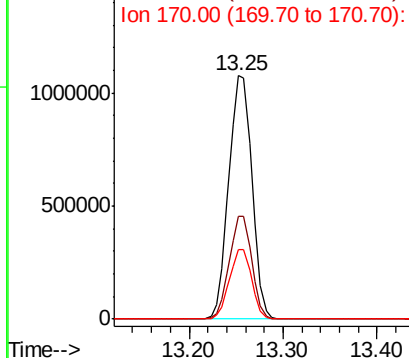


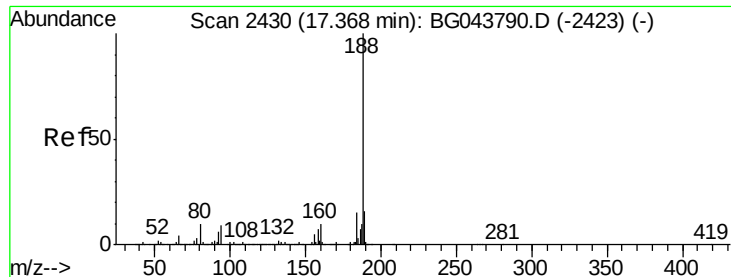
#45
 2-Fluorobiphenyl
 Concen: 85.804 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG043824.D
 Acq: 17 Dec 2019 18:01

Tgt Ion:172 Resp: 1846580
 Ion Ratio Lower Upper
 172 100
 171 42.3 34.6 51.8
 170 28.5 23.3 34.9



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: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043824.D

Acq: 17 Dec 2019 18:01

Instrument :

BNA_G

ClientSampleId :

PB125517BL

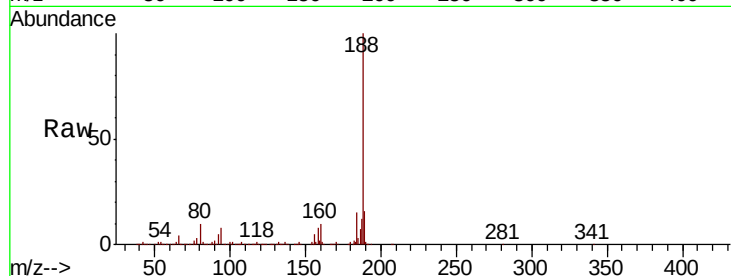
Tot Ion:188 Resp: 931116

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

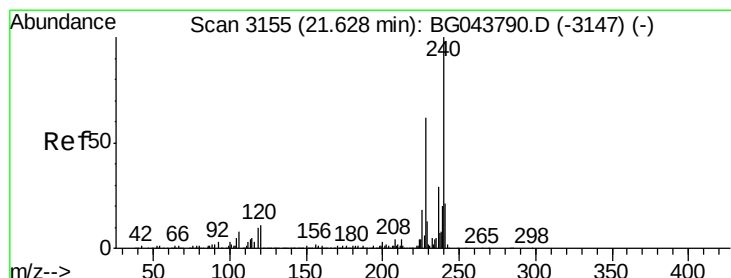
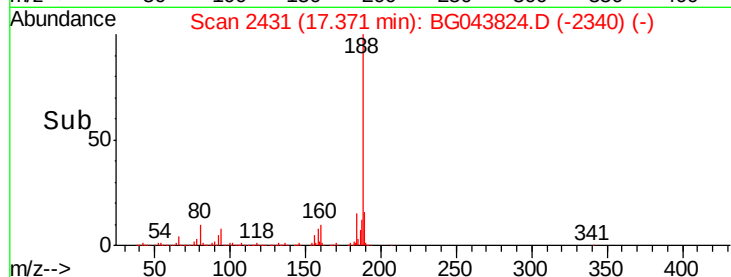
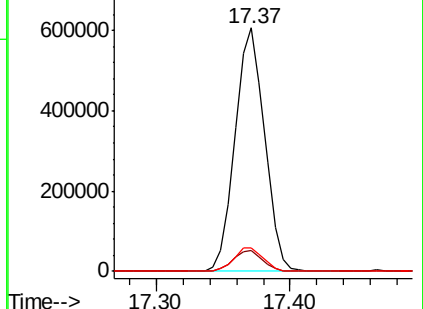
80 9.7 7.8 11.8



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: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG043824.D

Acq: 17 Dec 2019 18:01

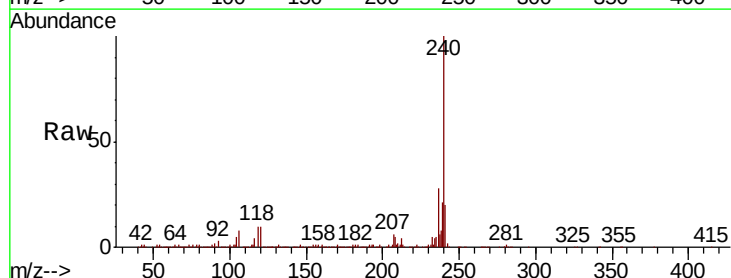
Tgt Ion:240 Resp: 819068

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

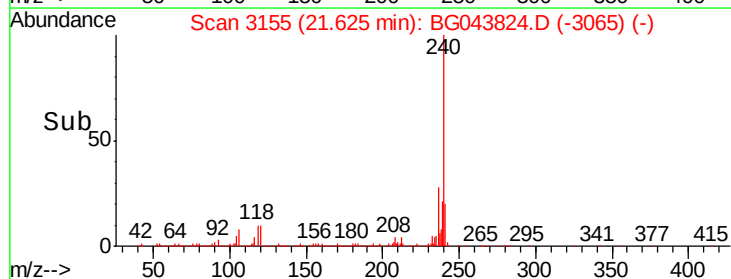
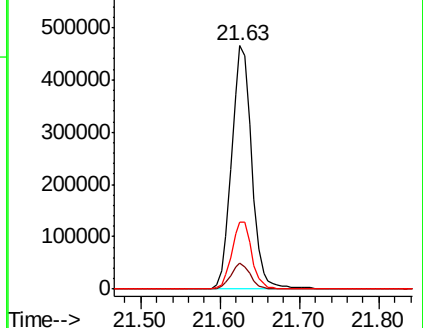
236 27.7 23.1 34.7

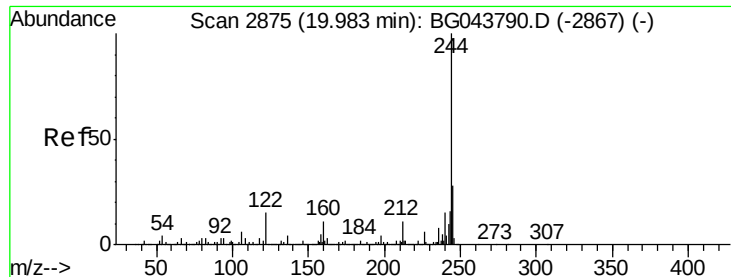


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.252 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043824.D

Acq: 17 Dec 2019 18:01

Instrument :

BNA_G

ClientSampleId :

PB125517BL

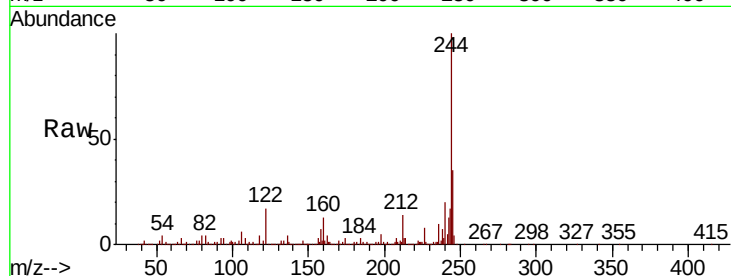
Tot Ion:244 Resp: 3106751

Ion Ratio Lower Upper

244 100

212 14.1 9.1 13.7#

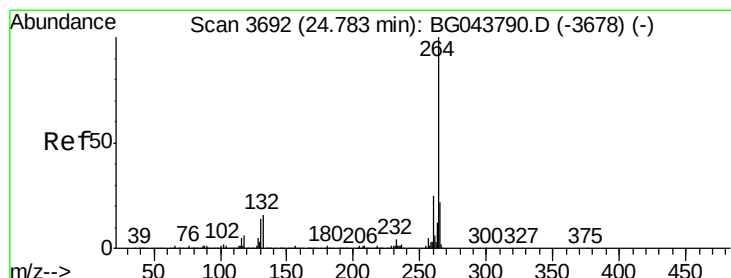
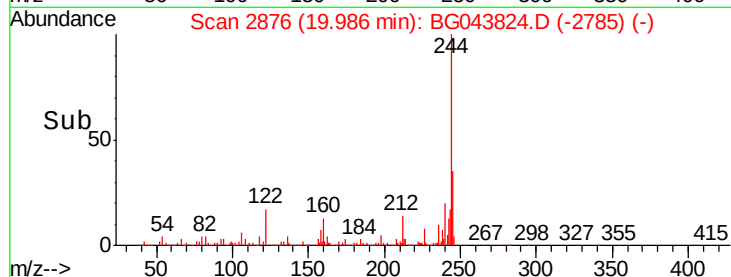
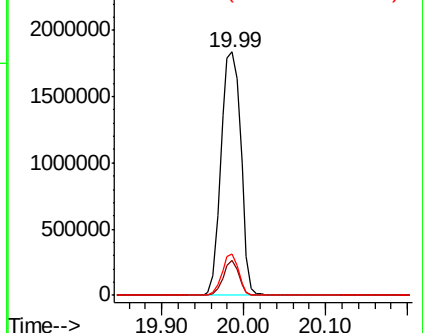
122 16.9 11.6 17.4



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: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG043824.D

Acq: 17 Dec 2019 18:01

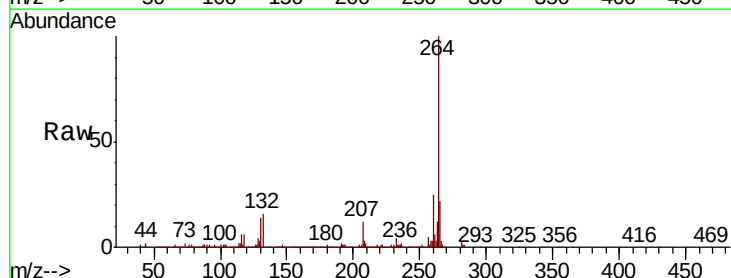
Tgt Ion:264 Resp: 846218

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 21.9 17.9 26.9



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

