

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
 Data File : BG045149.D
 Acq On : 23 Apr 2020 19:49
 Operator : CG/JU
 Sample : L2123-12 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-042020

Quant Time: Apr 24 04:48:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	109217	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	453797	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	307468	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	614947	20.00	ng	0.00
76) Chrysene-d12	21.66	240	500339	20.00	ng	0.00
87) Perylene-d12	24.83	264	553150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	51079	7.72	ng	0.00
7) Phenol-d6	7.17	99	84577	8.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	60379	6.07	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	49590	10.44	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	178695	8.52	ng	0.00
79) Terphenyl-d14	20.00	244	245424	10.69	ng	0.00

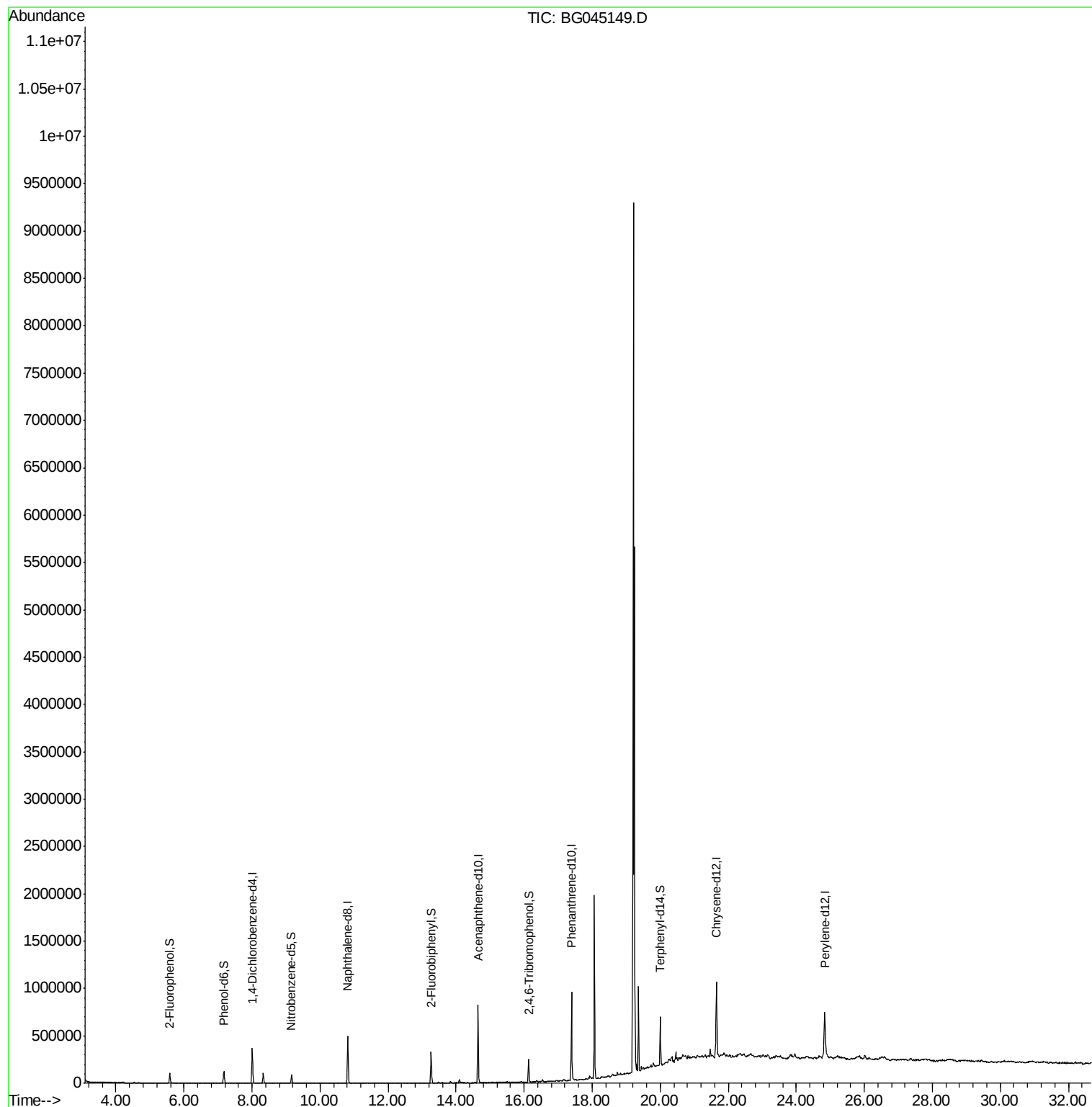
Target Compounds	Qvalue
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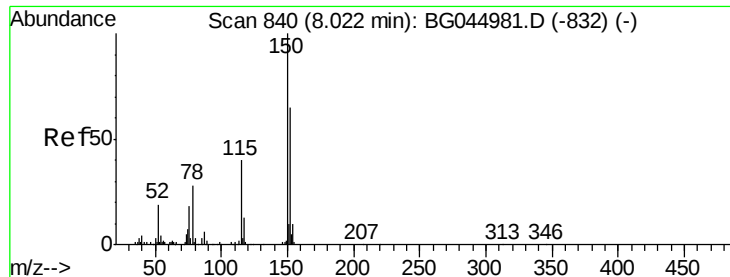
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.01 min

Lab File: BG045149.D

Acq: 23 Apr 2020 19:49

Instrument :

BNA_G

ClientSampleId :

TR-05-042020

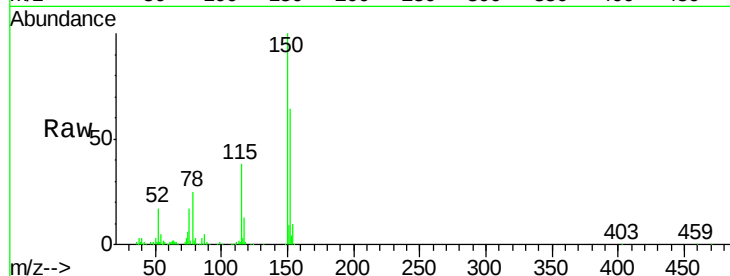
Tgt Ion:152 Resp: 109217

Ion Ratio Lower Upper

152 100

150 155.6 123.6 185.4

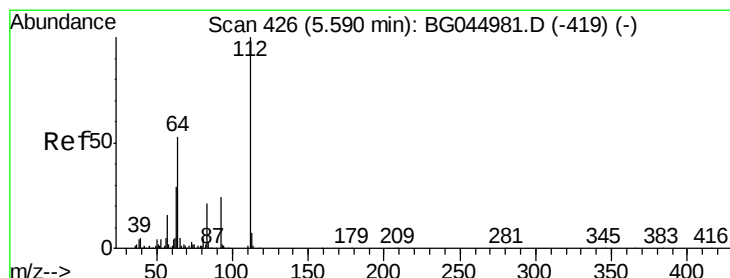
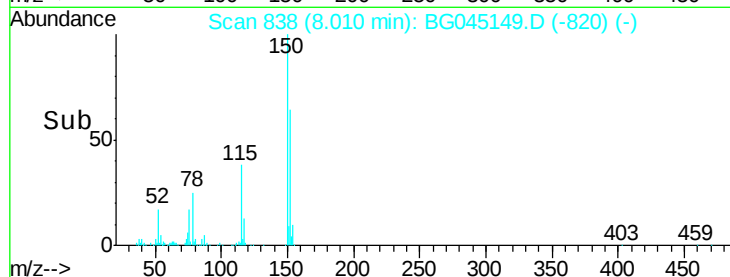
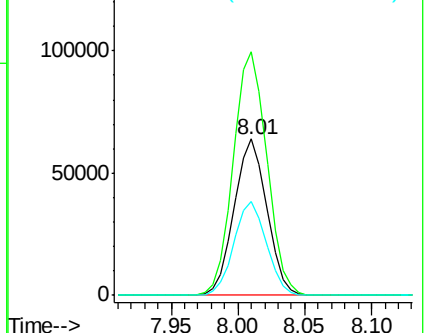
115 59.6 49.1 73.7



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: 7.72 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG045149.D

Acq: 23 Apr 2020 19:49

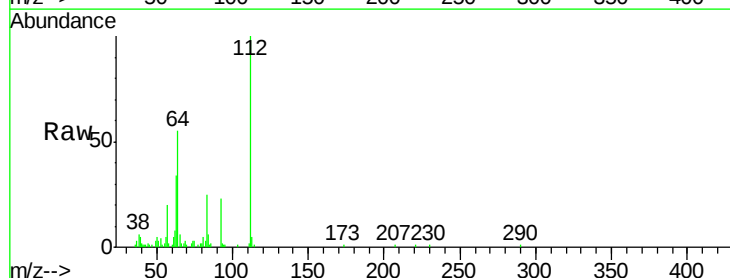
Tgt Ion:112 Resp: 51079

Ion Ratio Lower Upper

112 100

64 55.1 42.4 63.6

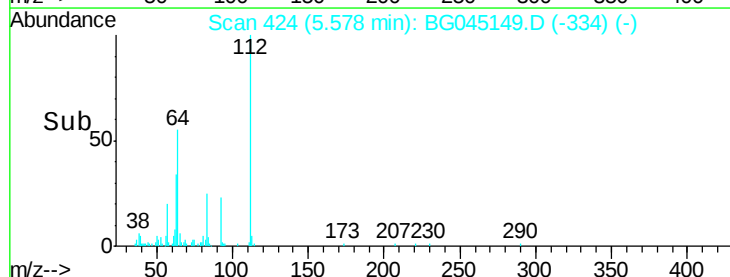
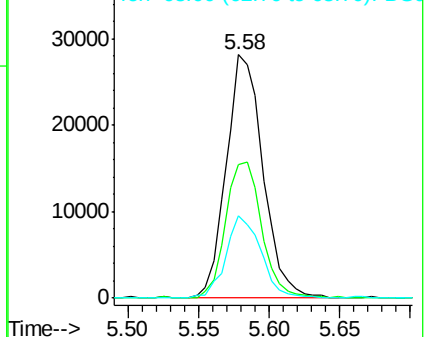
63 33.8 23.1 34.7



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: 8.60 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045149.D

Acq: 23 Apr 2020 19:49

Instrument :

BNA_G

ClientSampleId :

TR-05-042020

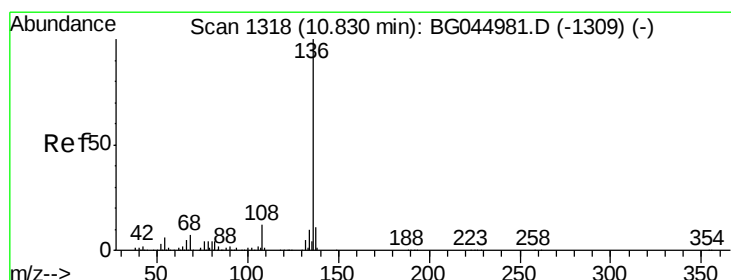
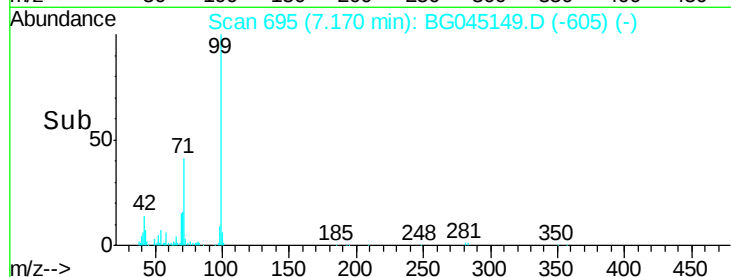
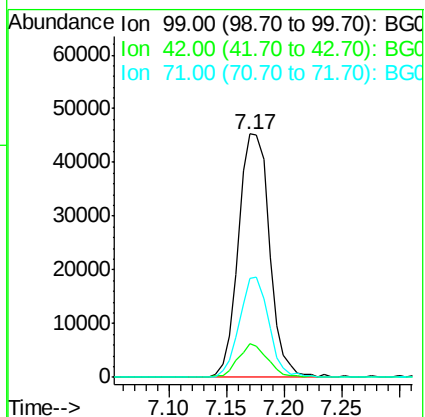
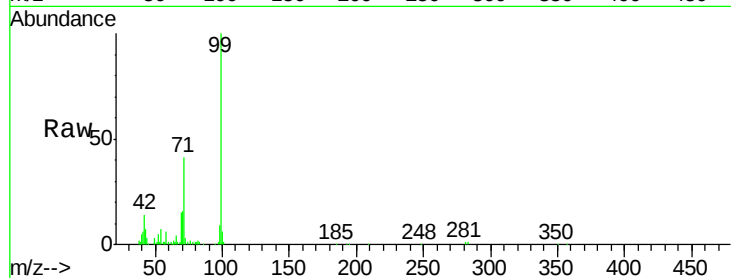
Tgt Ion: 99 Resp: 84577

Ion Ratio Lower Upper

99 100

42 14.1 11.3 16.9

71 40.7 28.3 42.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.82 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BG045149.D

Acq: 23 Apr 2020 19:49

Tgt Ion: 136 Resp: 453797

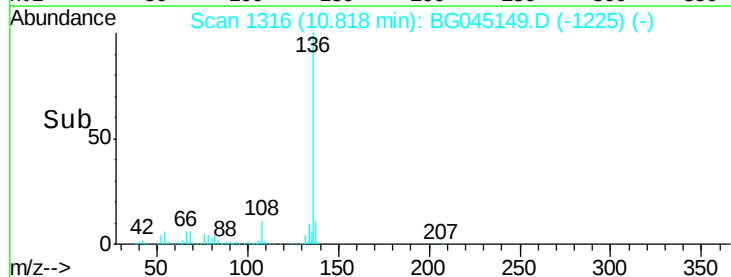
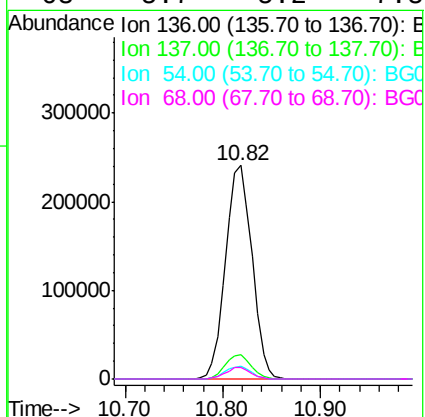
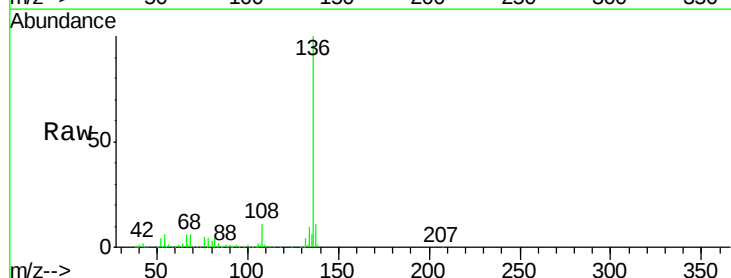
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 6.3 4.8 7.2

68 5.7 5.2 7.8

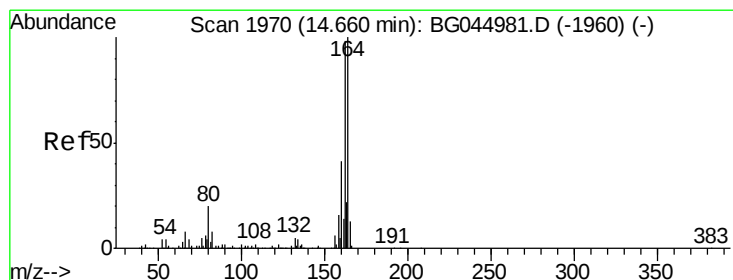
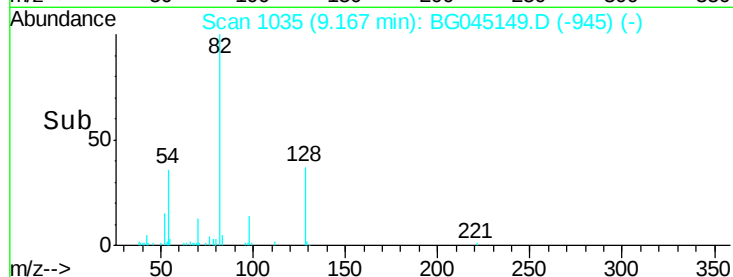
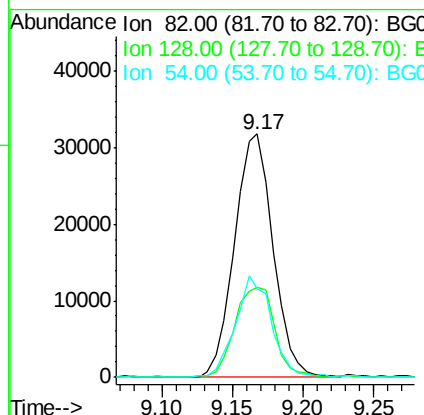
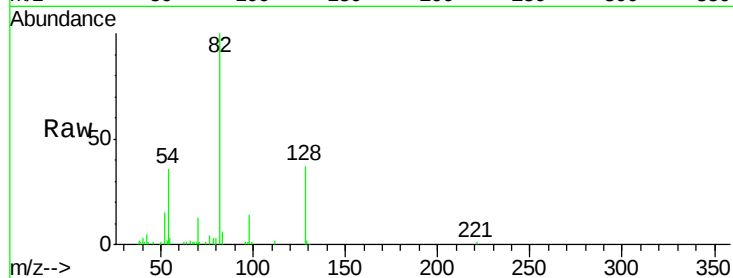




#23
 Nitrobenzene-d5
 Concen: 6.07 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG045149.D
 Acq: 23 Apr 2020 19:49

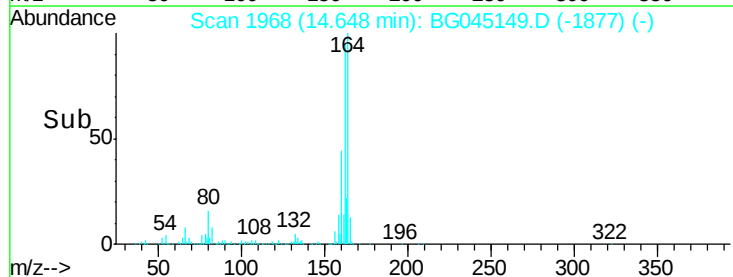
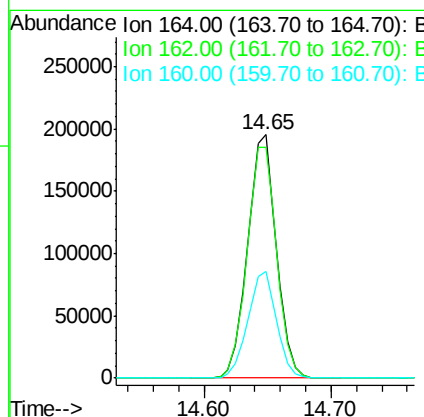
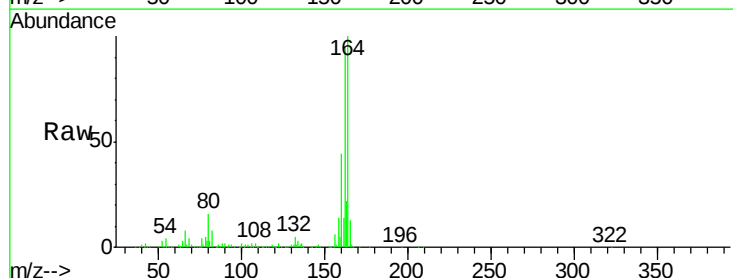
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-042020

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	33.0	49.4
54	36.2	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: BG045149.D
 Acq: 23 Apr 2020 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.7	78.7	118.1
160	43.6	32.8	49.2

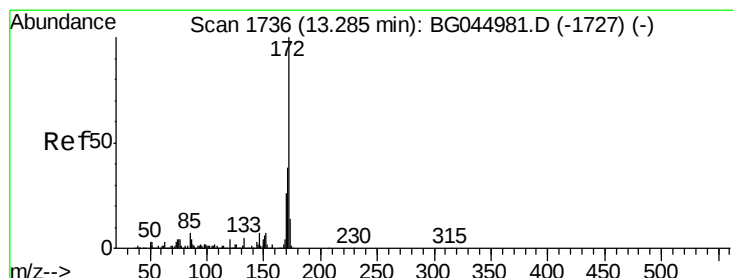
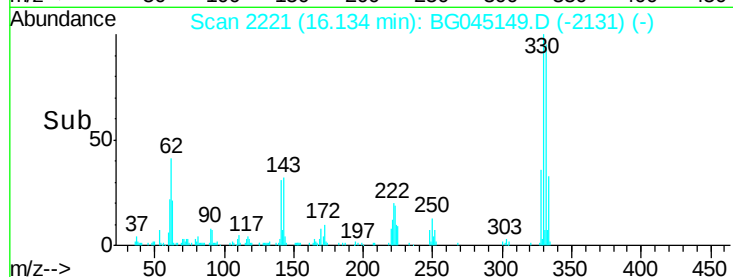
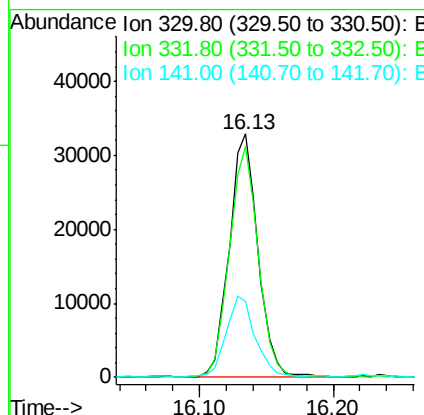
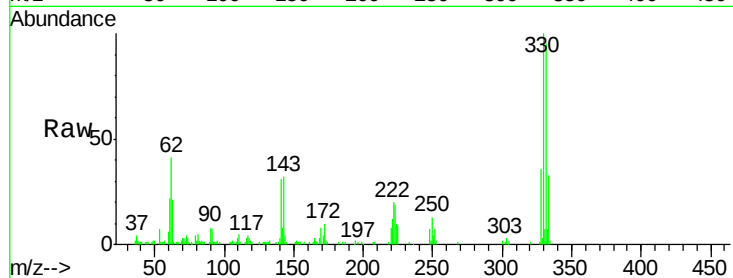




#42
 2,4,6-Tribromophenol
 Concen: 10.44 ng
 RT: 16.13 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG045149.D
 Acq: 23 Apr 2020 19:49

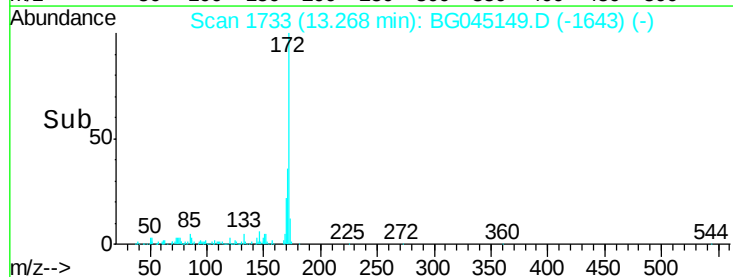
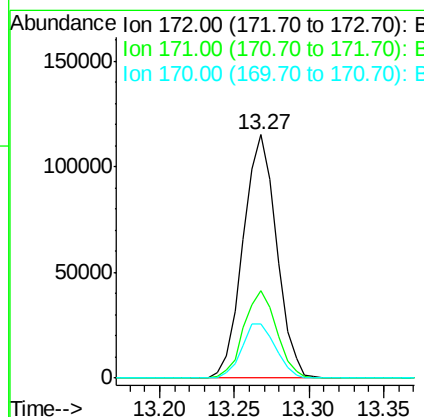
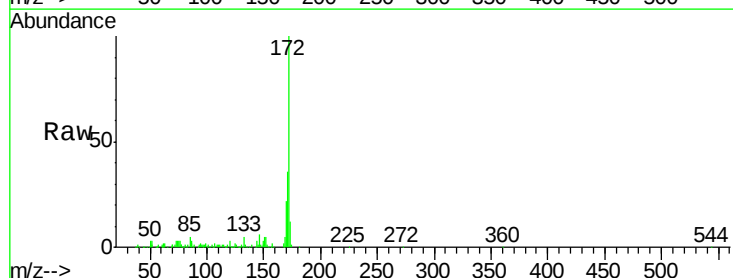
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-042020

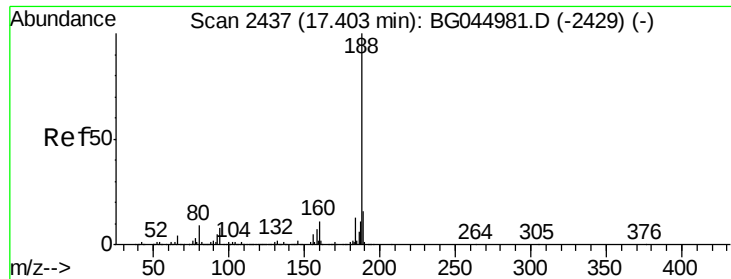
Tgt Ion:330 Resp: 49590
 Ion Ratio Lower Upper
 330 100
 332 95.0 79.1 118.7
 141 34.1 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 8.52 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG045149.D
 Acq: 23 Apr 2020 19:49

Tgt Ion:172 Resp: 178695
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.6 46.0
 170 22.5 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG045149.D

Acq: 23 Apr 2020 19:49

Instrument :

BNA_G

ClientSampleId :

TR-05-042020

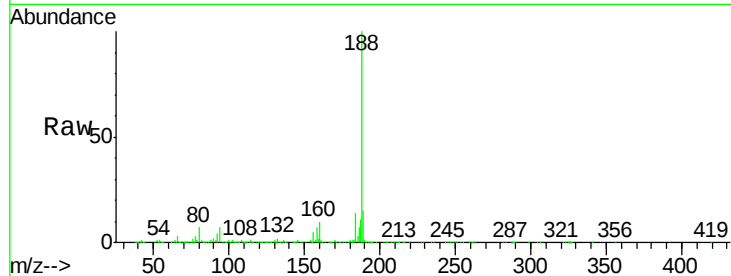
Tgt Ion:188 Resp: 614947

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

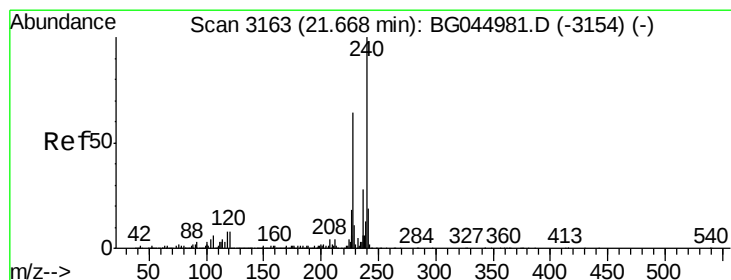
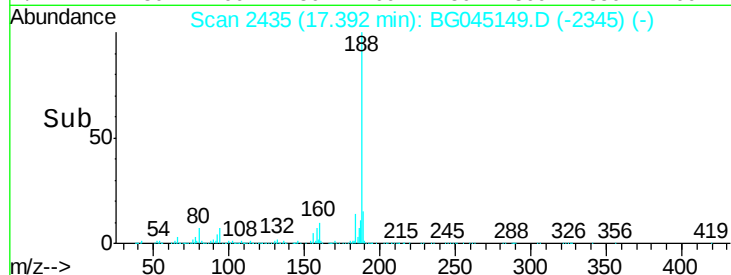
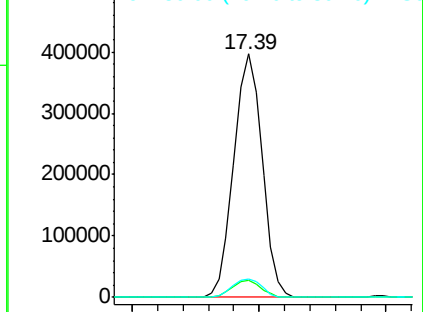
80 7.4 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG045149.D

Acq: 23 Apr 2020 19:49

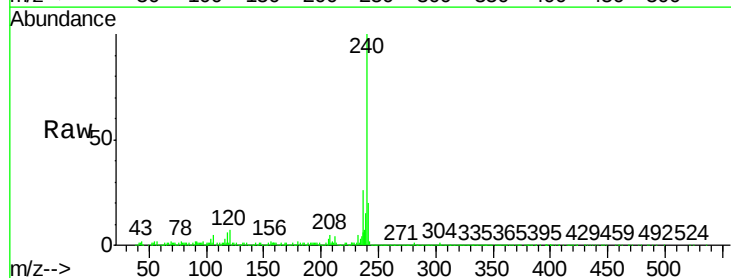
Tgt Ion:240 Resp: 500339

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

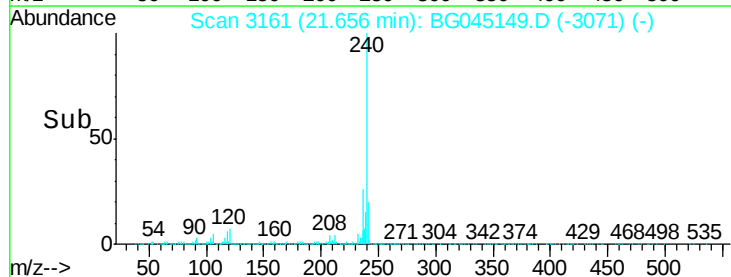
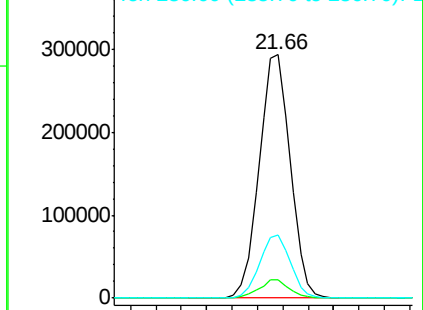
236 26.0 22.2 33.2

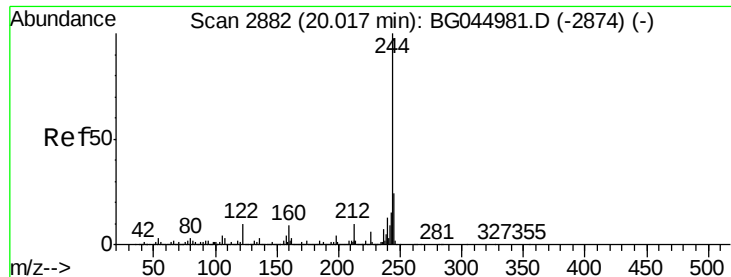


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 10.69 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG045149.D

Acq: 23 Apr 2020 19:49

Instrument :

BNA_G

ClientSampleId :

TR-05-042020

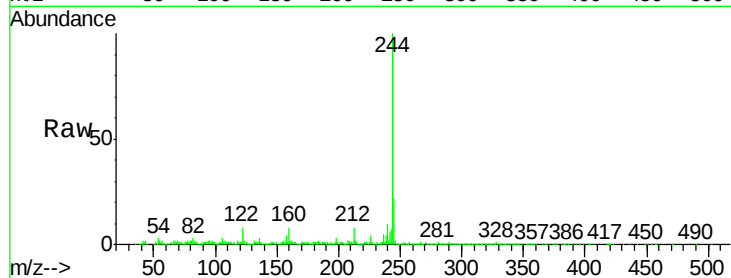
Tgt Ion:244 Resp: 245424

Ion Ratio Lower Upper

244 100

212 7.8 7.9 11.9#

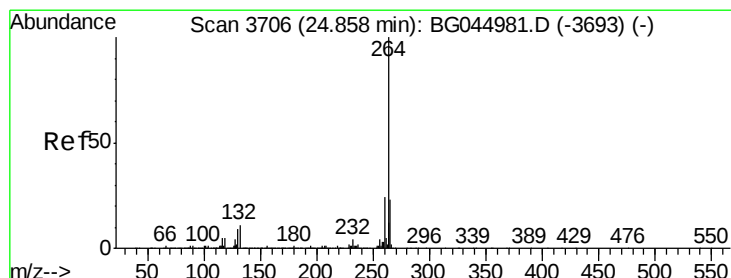
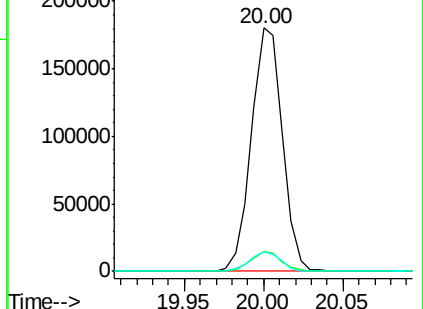
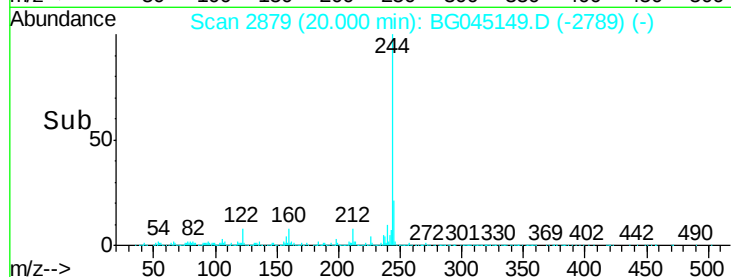
122 8.3 7.7 11.5



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: 20.00 ng

RT: 24.83 min Scan# 3702

Delta R.T. -0.00 min

Lab File: BG045149.D

Acq: 23 Apr 2020 19:49

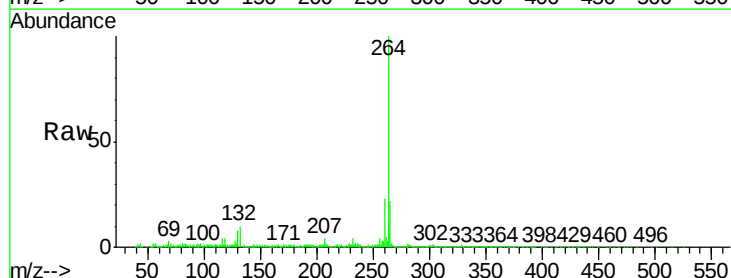
Tgt Ion:264 Resp: 553150

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 19.0 28.4



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

