

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
 Data File : BG045167.D
 Acq On : 24 Apr 2020 19:03
 Operator : CG/JU
 Sample : L2118-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-042320

Quant Time: Apr 25 00:39:17 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

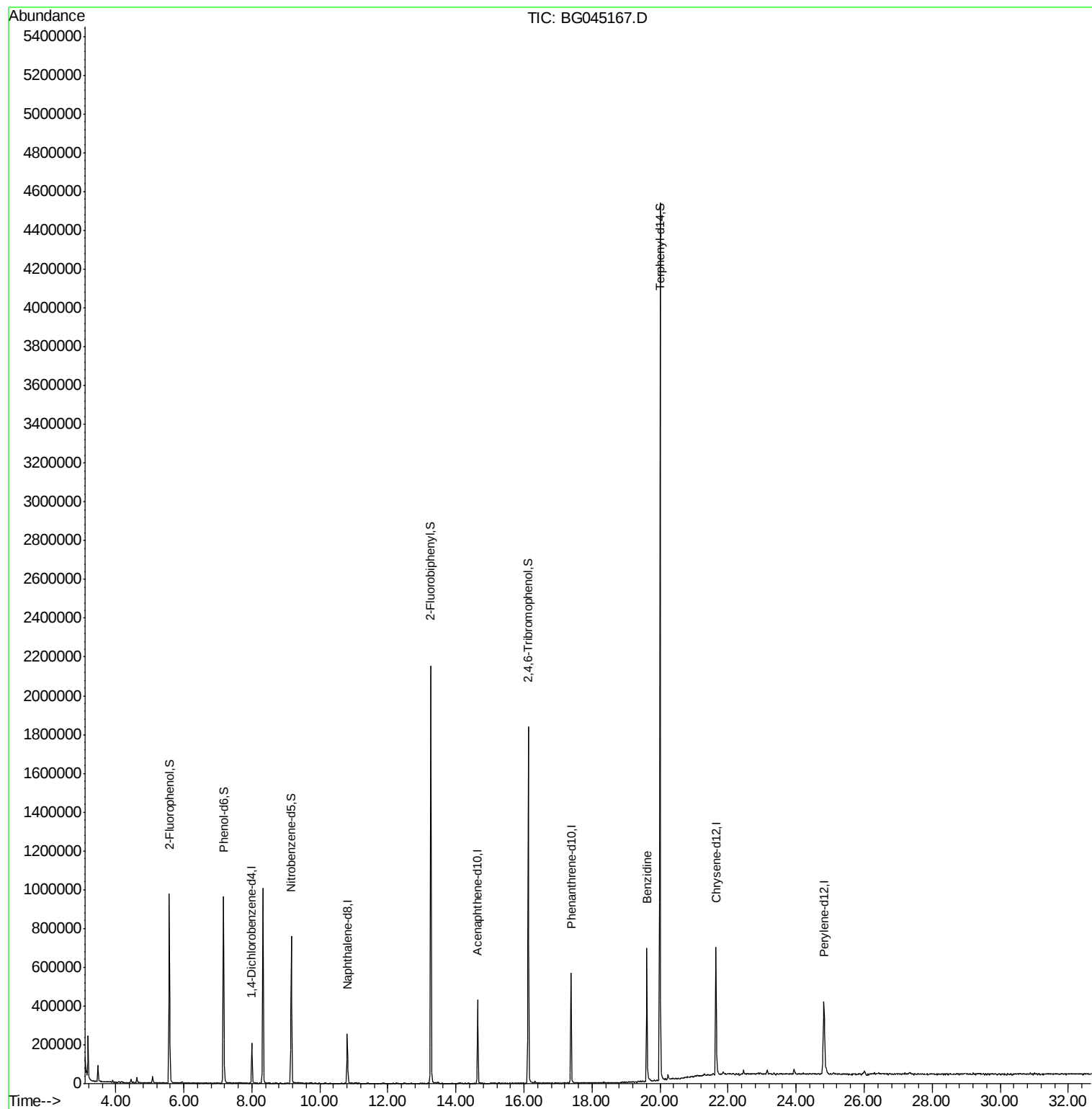
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	62036	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	233858	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	167393	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	392839	20.00	ng	0.00
76) Chrysene-d12	21.64	240	439533	20.00	ng	-0.01
87) Perylene-d12	24.82	264	461405	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	502350	133.69	ng	0.00
7) Phenol-d6	7.17	99	654449	117.22	ng	0.00
23) Nitrobenzene-d5	9.16	82	543369	106.02	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	383577	148.33	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1202089	105.30	ng	0.00
79) Terphenyl-d14	20.00	244	2146842	106.46	ng	0.00
Target Compounds						
77) Benzidine	19.61	184	456934	34.503	ng	Qvalue 96

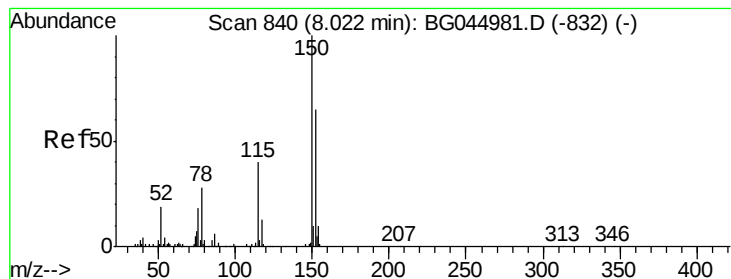
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG045167.D

Acq: 24 Apr 2020 19:03

Instrument :

BNA_G

ClientSampleId :

EO-02-042320

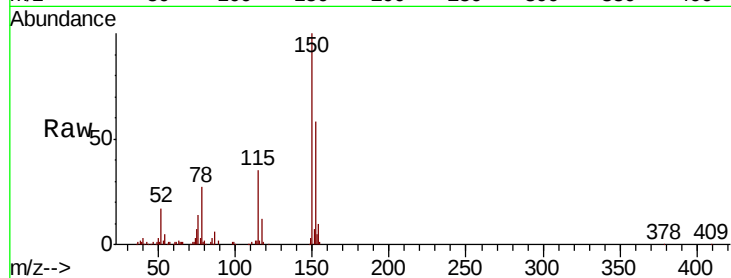
Tot Ion:152 Resp: 62036

Ion Ratio Lower Upper

152 100

150 172.6 123.6 185.4

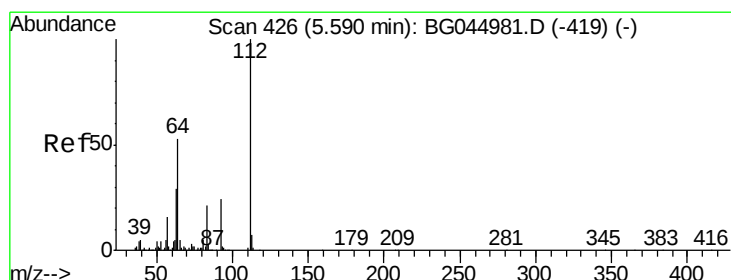
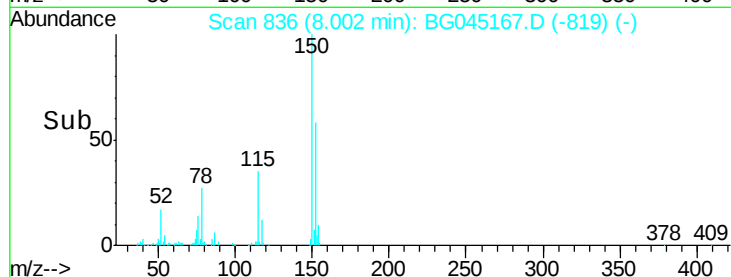
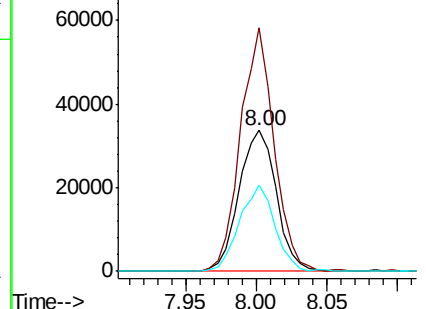
115 60.8 49.1 73.7



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: 133.689 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045167.D

Acq: 24 Apr 2020 19:03

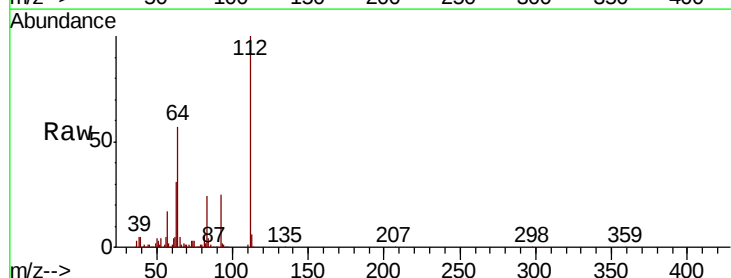
Tgt Ion:112 Resp: 502350

Ion Ratio Lower Upper

112 100

64 56.7 42.4 63.6

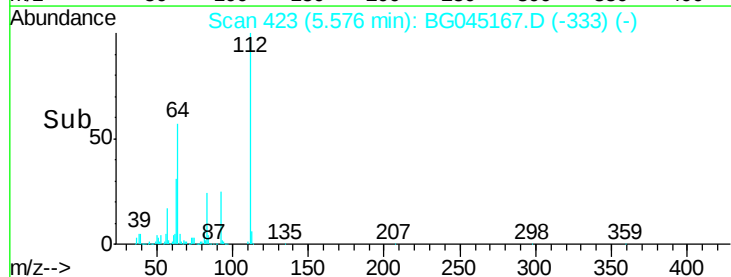
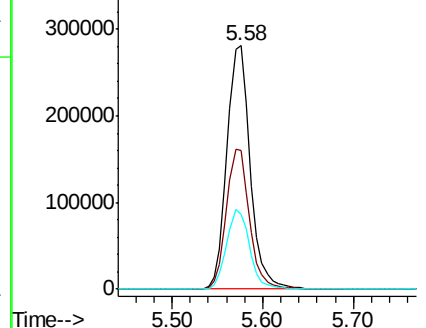
63 30.8 23.1 34.7

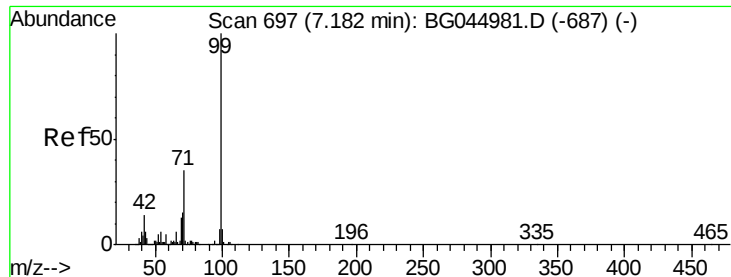


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 117.225 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045167.D

Acq: 24 Apr 2020 19:03

Instrument :

BNA_G

ClientSampleId :

EO-02-042320

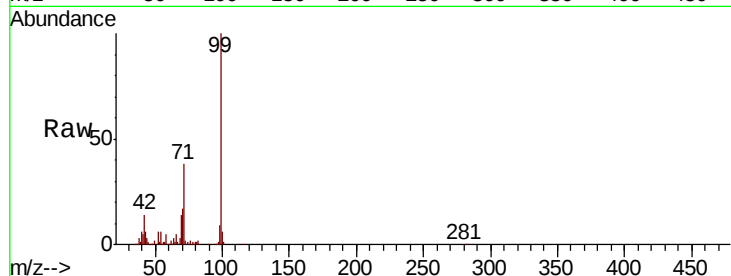
Tot Ion: 99 Resp: 654449

Ion Ratio Lower Upper

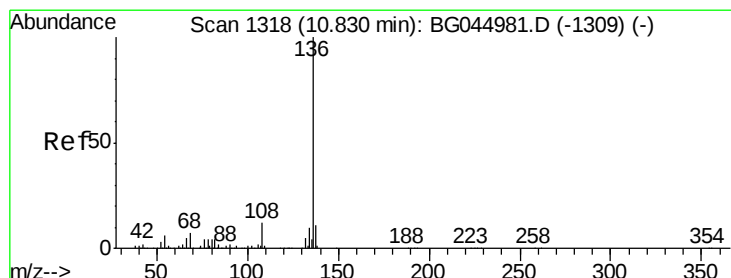
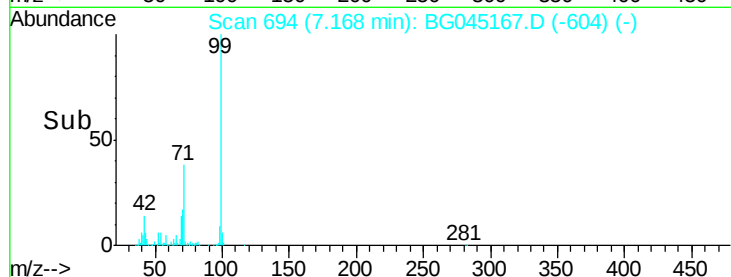
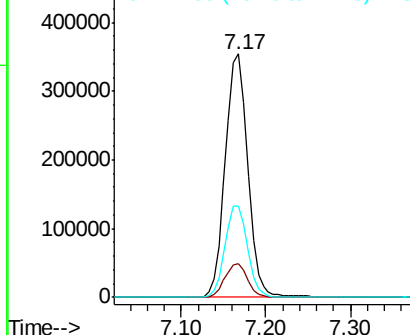
99 100

42 13.8 11.3 16.9

71 37.7 28.3 42.5



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. -0.01 min

Lab File: BG045167.D

Acq: 24 Apr 2020 19:03

Tgt Ion: 136 Resp: 233858

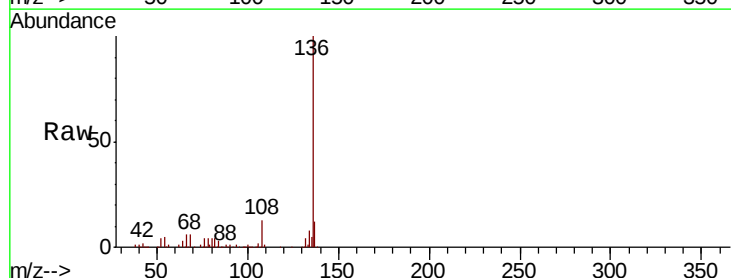
Ion Ratio Lower Upper

136 100

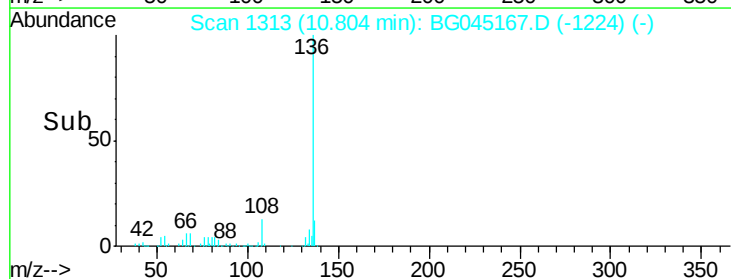
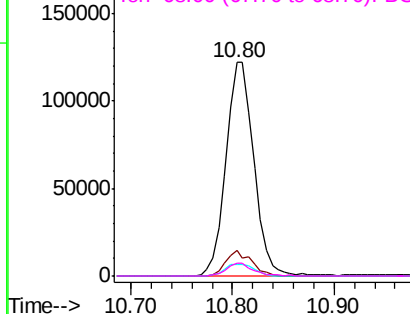
137 11.8 8.6 13.0

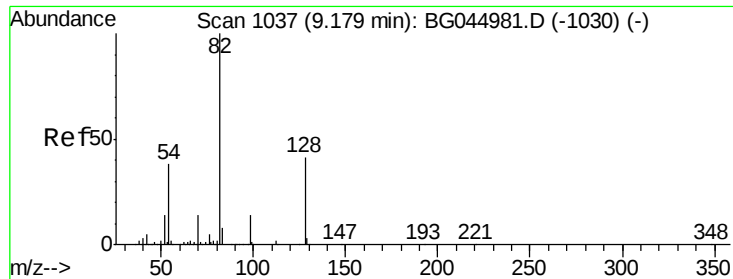
54 5.2 4.8 7.2

68 5.8 5.2 7.8



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

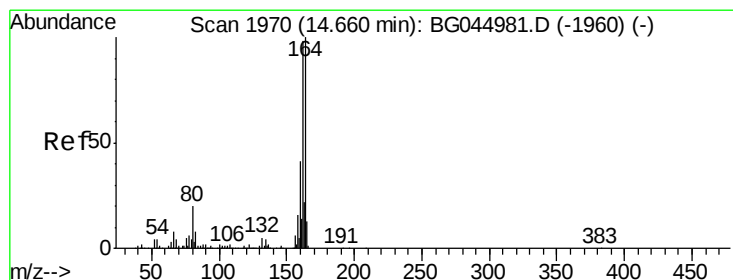
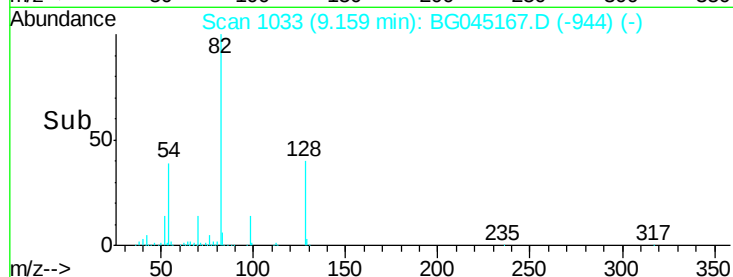
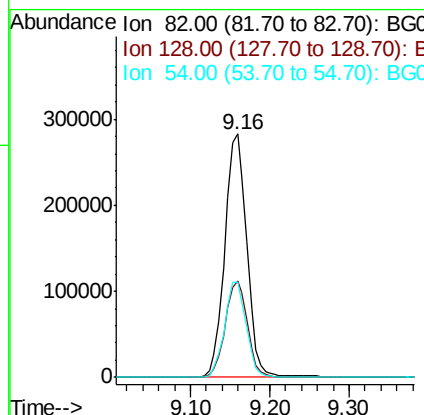
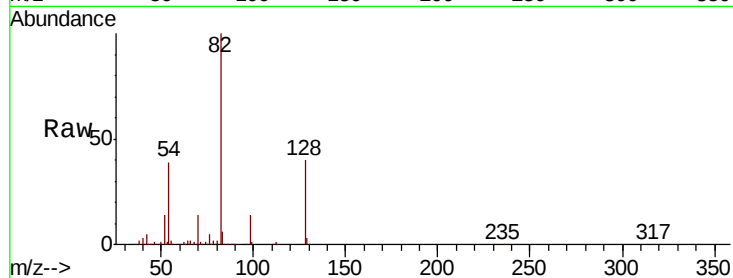




#23
 Nitrobenzene-d5
 Concen: 106.019 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045167.D
 Acq: 24 Apr 2020 19:03

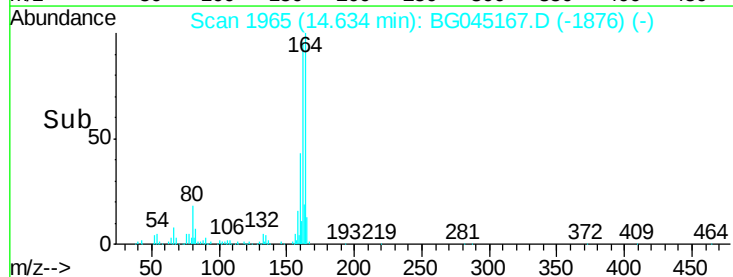
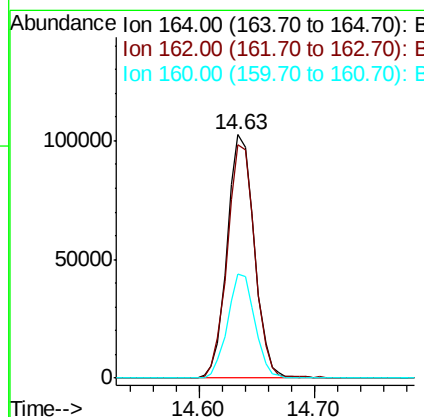
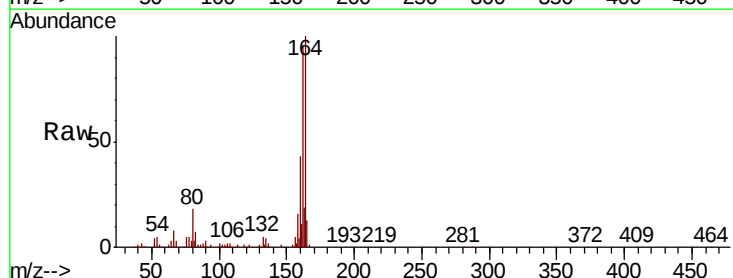
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-042320

Tot Ion	82	Resp	543369
Ion Ratio	Lower	Upper	
82	100		
128	39.6	33.0	49.4
54	39.1	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG045167.D
 Acq: 24 Apr 2020 19:03

Tgt Ion	164	Resp	167393
Ion Ratio	Lower	Upper	
164	100		
162	96.1	78.7	118.1
160	42.6	32.8	49.2

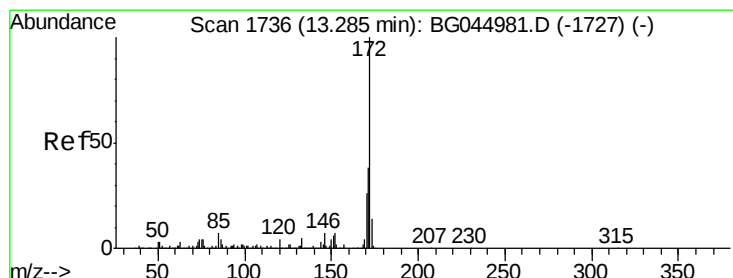
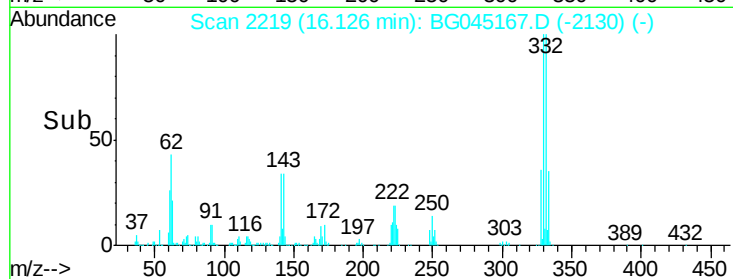
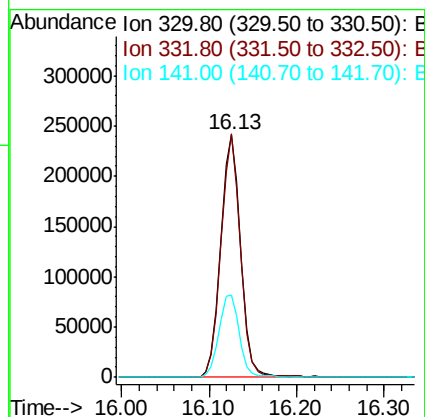
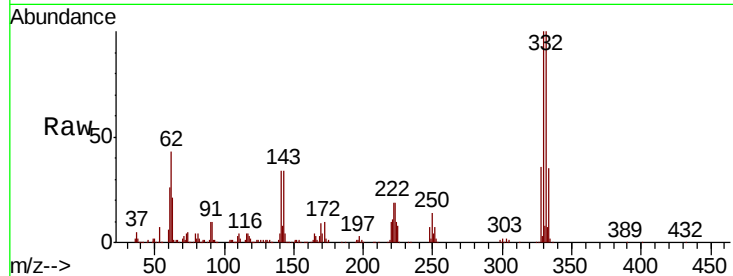




#42
 2,4,6-Tribromophenol
 Concen: 148.328 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG045167.D
 Acq: 24 Apr 2020 19:03

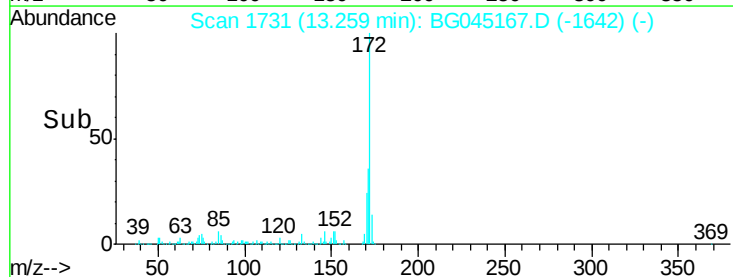
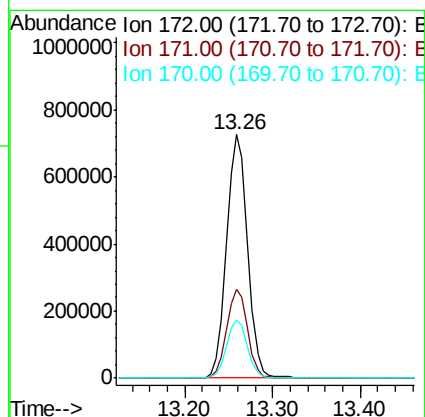
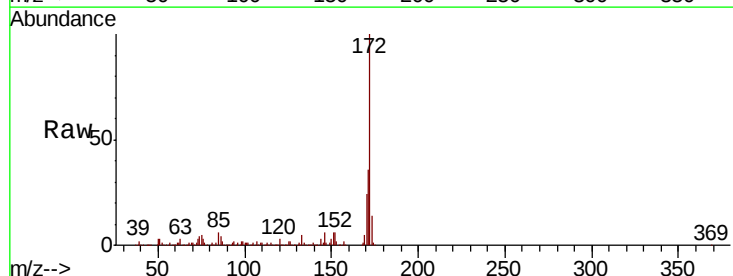
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-042320

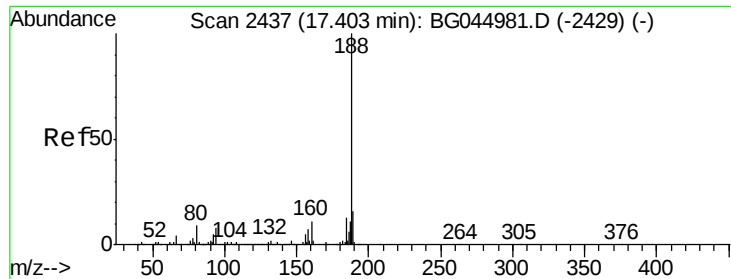
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.1	118.7
141	34.6	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 105.300 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG045167.D
 Acq: 24 Apr 2020 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	46.0
170	23.9	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG045167.D

Acq: 24 Apr 2020 19:03

Instrument :

BNA_G

ClientSampleId :

EO-02-042320

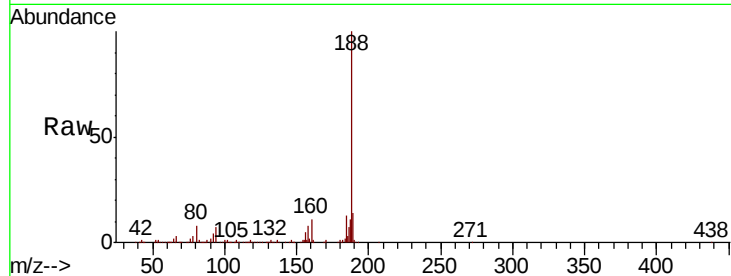
Tot Ion:188 Resp: 392839

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

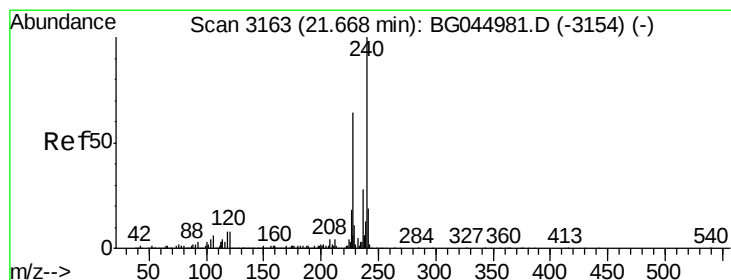
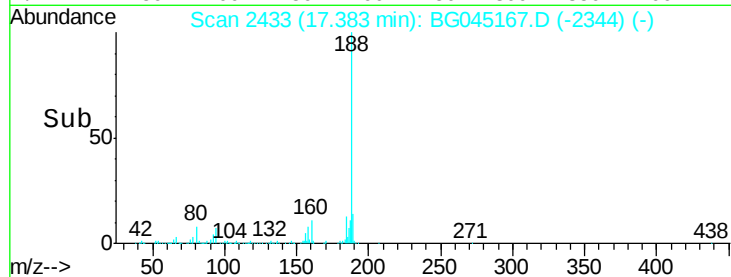
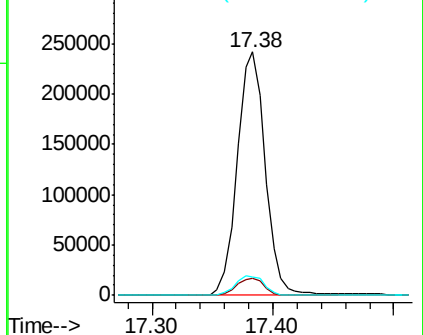
80 7.5 7.0 10.6



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: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045167.D

Acq: 24 Apr 2020 19:03

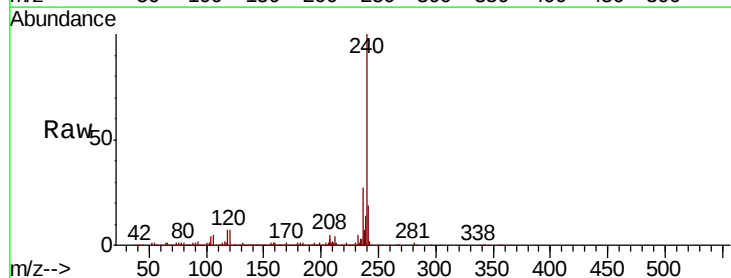
Tgt Ion:240 Resp: 439533

Ion Ratio Lower Upper

240 100

120 6.8 6.6 10.0

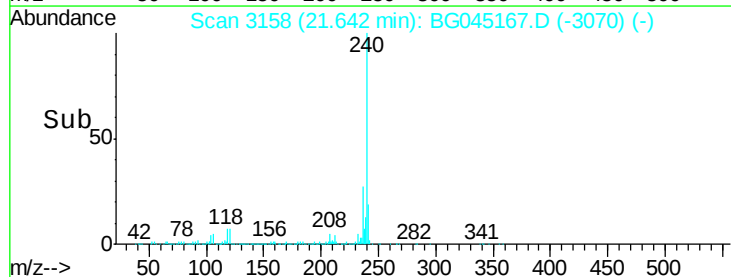
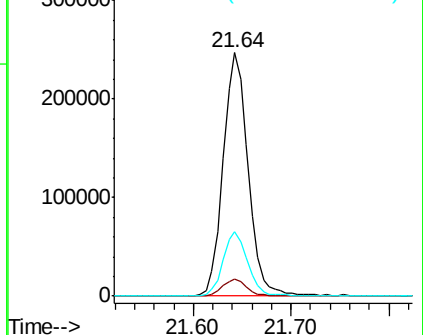
236 26.7 22.2 33.2

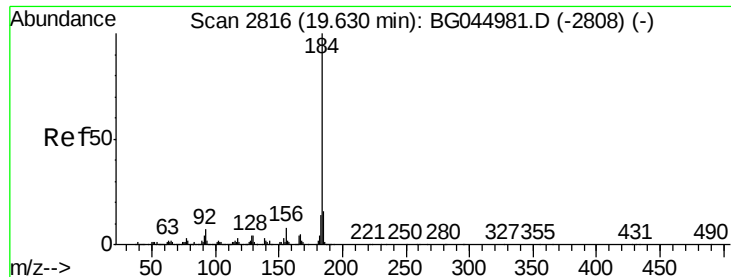


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.503 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045167.D

Acq: 24 Apr 2020 19:03

Instrument :

BNA_G

ClientSampleId :

EO-02-042320

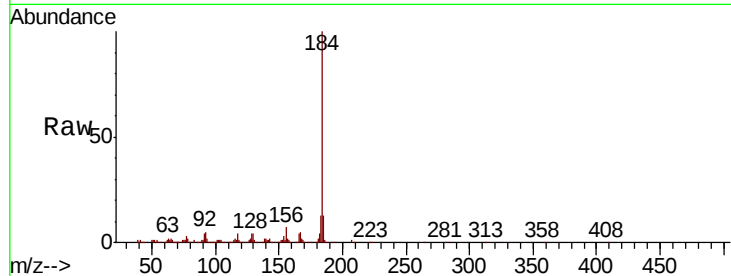
Tot Ion:184 Resp: 456934

Ion Ratio Lower Upper

184 100

185 13.5 12.6 19.0

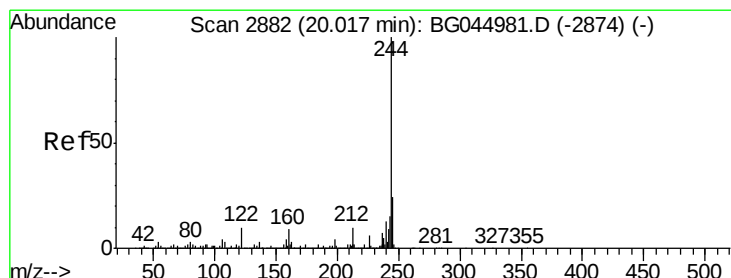
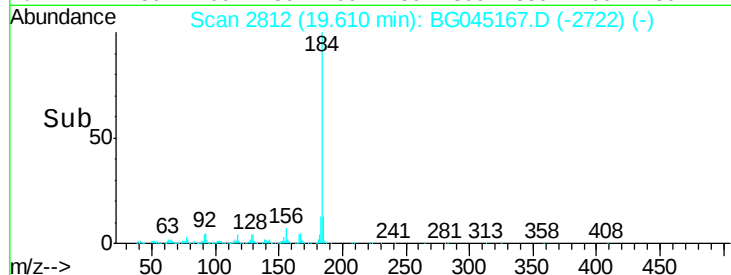
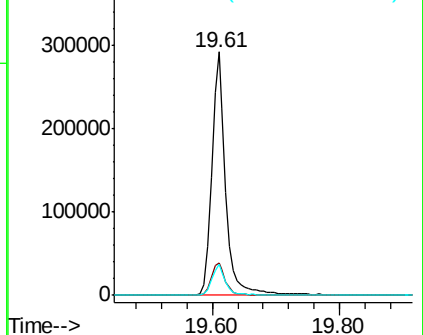
183 13.0 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 106.458 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045167.D

Acq: 24 Apr 2020 19:03

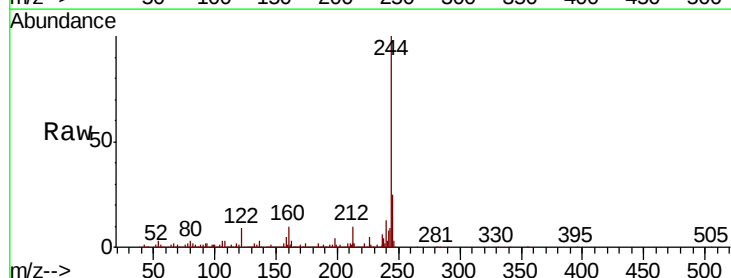
Tgt Ion:244 Resp: 2146842

Ion Ratio Lower Upper

244 100

212 10.1 7.9 11.9

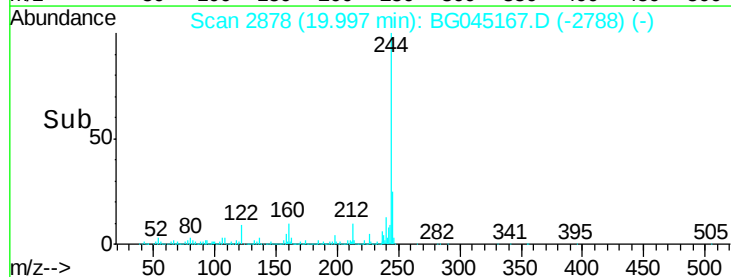
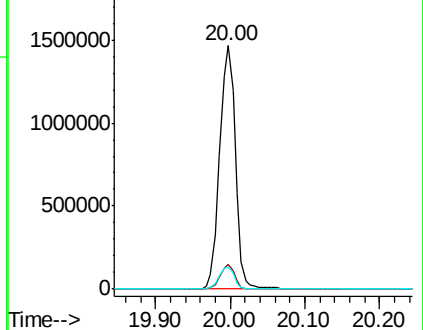
122 9.3 7.7 11.5

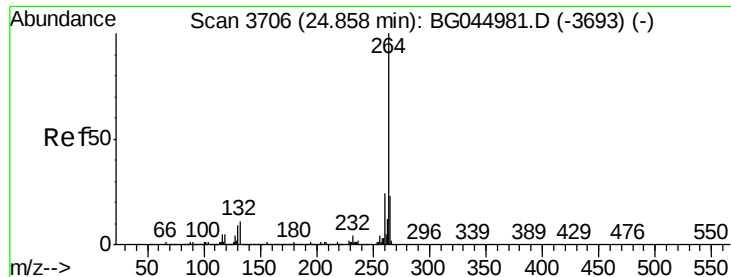


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

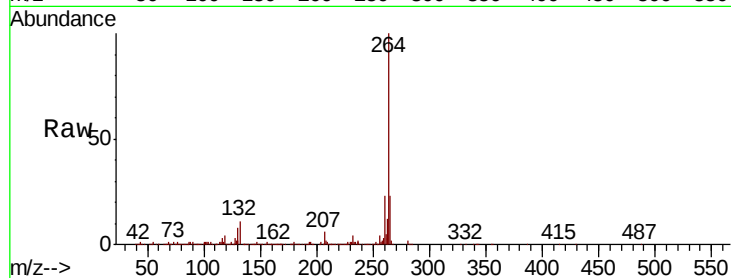




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BG045167.D
 Acq: 24 Apr 2020 19:03

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-042320

Tot Ion:264	Resp:	461405
Ion	Ratio	Lower Upper
264	100	
260	23.0	19.2 28.8
265	22.8	19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E
 200000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

