

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043678.D
 Acq On : 18 Nov 2019 18:15
 Operator : JU
 Sample : K5833-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(10-12)

Quant Time: Nov 19 01:57:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

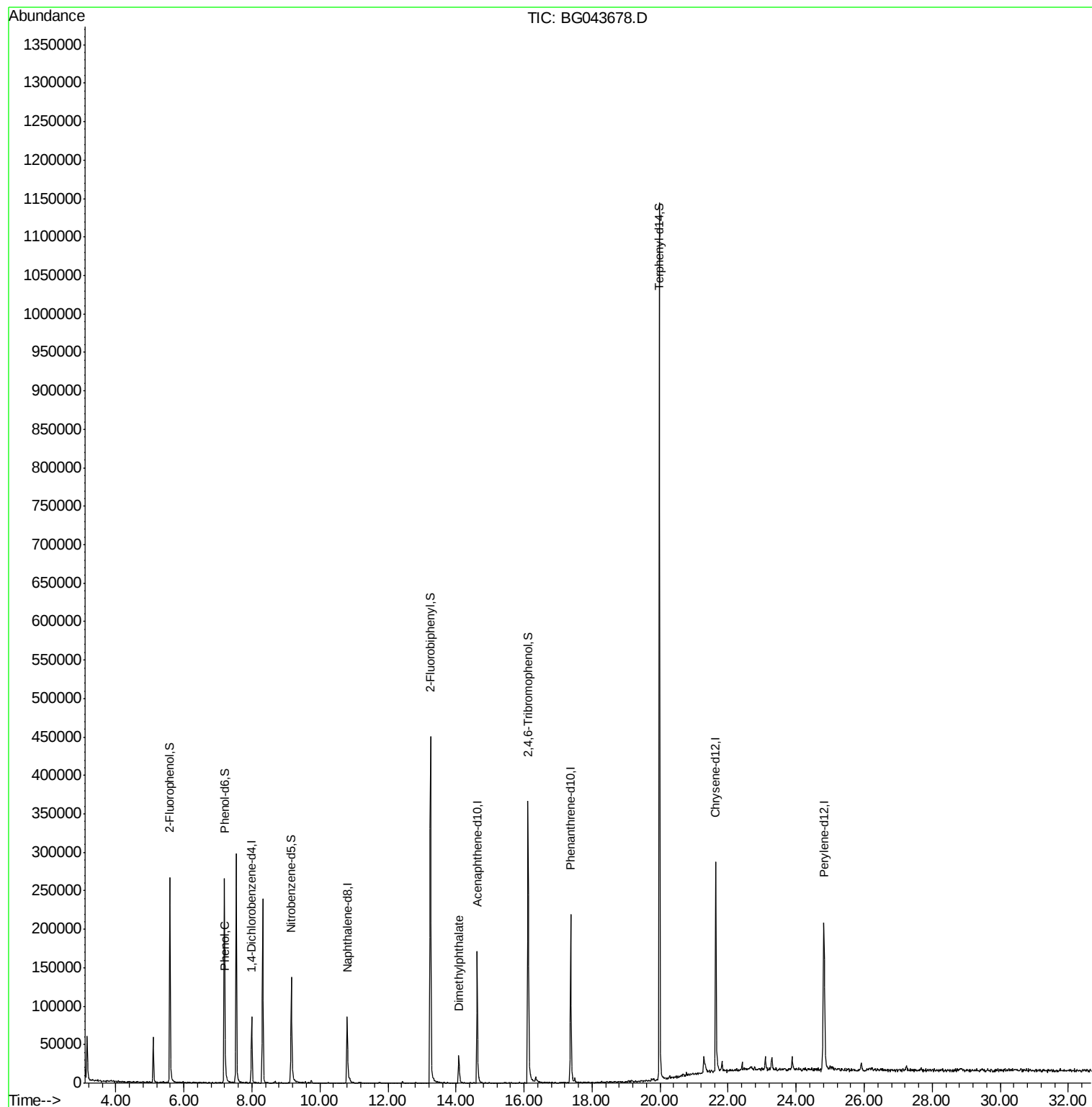
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25822	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	98811	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	71719	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	171605	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	199016	20.00	ng	-0.02
87) Perylene-d12	24.81	264	231676	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	127885	90.75	ng	0.00
7) Phenol-d6	7.19	99	172864	85.26	ng	0.00
23) Nitrobenzene-d5	9.16	82	101657	53.04	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	102883	75.38	ng	-0.02
45) 2-Fluorobiphenyl	13.25	172	298999	57.61	ng	-0.02
79) Terphenyl-d14	19.98	244	658303	62.06	ng	-0.02
Target Compounds						
10) Phenol	7.21	94	4857	2.622	ng	Qvalue # 68
50) Dimethylphthalate	14.08	163	36565	6.582	ng	99

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

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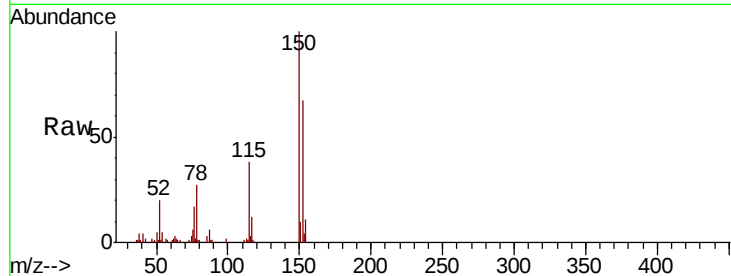


#1

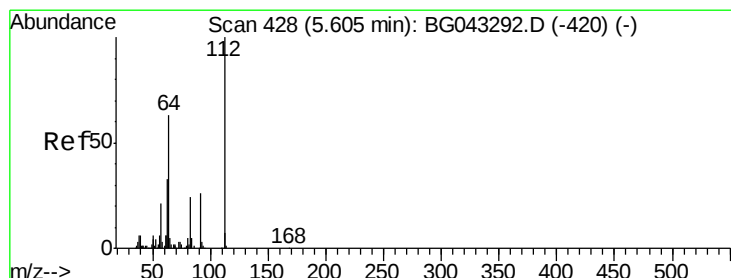
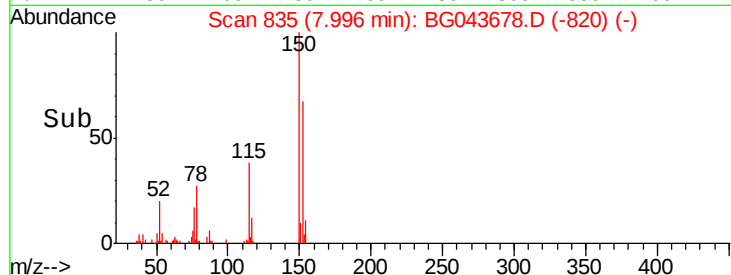
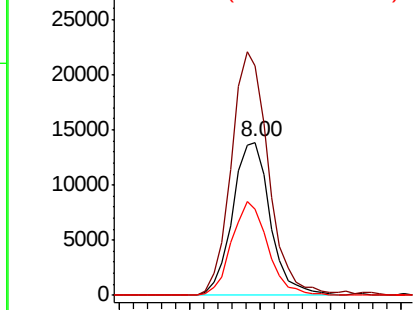
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :
8-(10-12)

Tot Ion:152 Resp: 25822
Ion Ratio Lower Upper
152 100
150 149.7 129.4 194.0
115 56.3 48.8 73.2



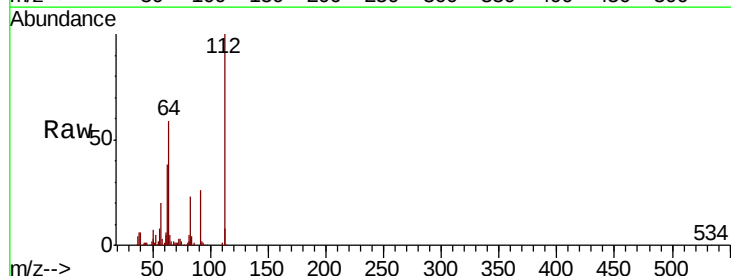
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



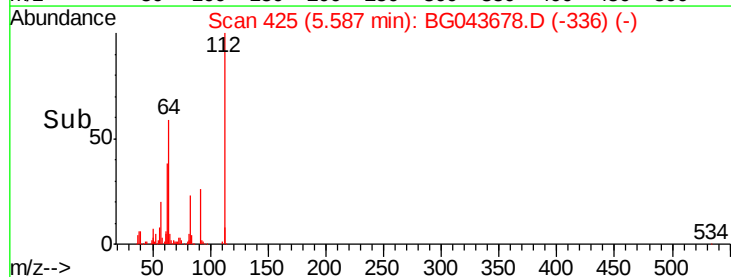
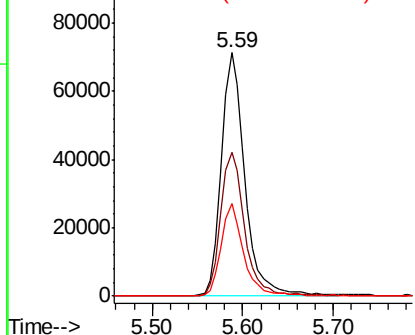
#5

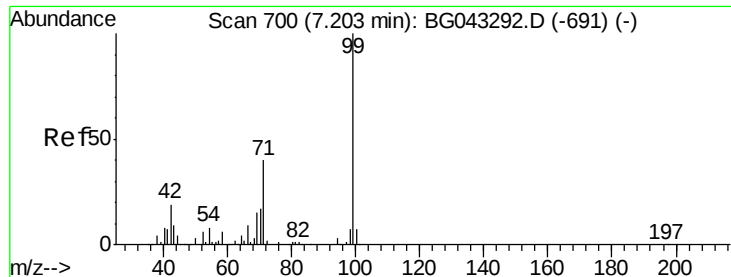
2-Fluorophenol
Concen: 90.753 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion:112 Resp: 127885
Ion Ratio Lower Upper
112 100
64 59.1 50.0 75.0
63 37.8 26.6 40.0



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: 85.262 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043678.D

Acq: 18 Nov 2019 18:15

Instrument :

BNA_G

ClientSampleId :

8-(10-12)

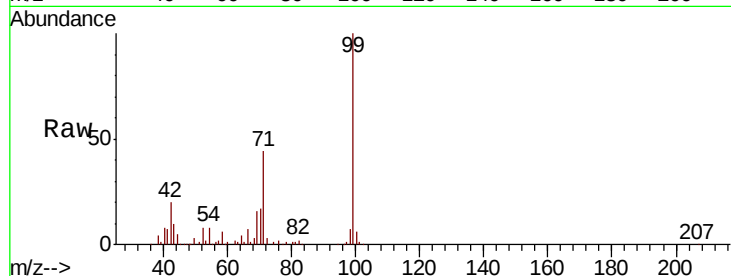
Tot Ion: 99 Resp: 172864

Ion Ratio Lower Upper

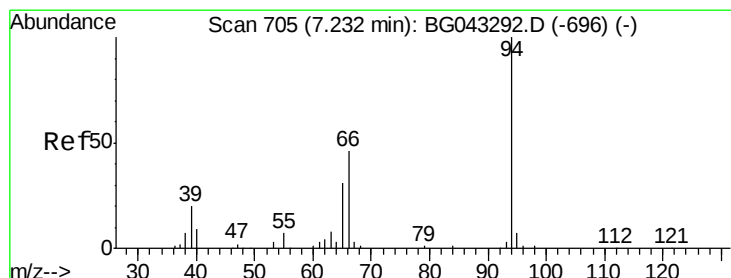
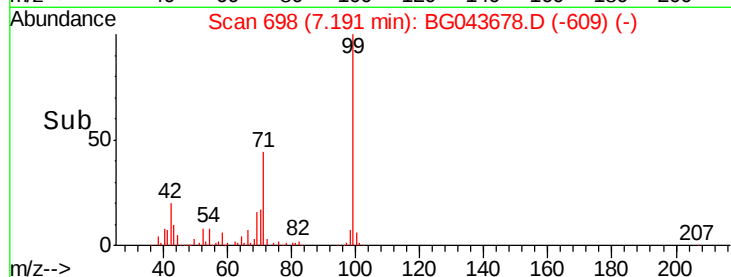
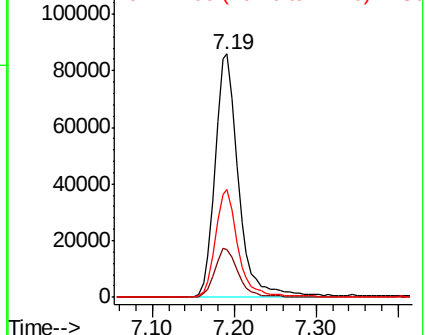
99 100

42 19.7 14.6 21.8

71 44.3 32.5 48.7



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



#10

Phenol

Concen: 2.622 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG043678.D

Acq: 18 Nov 2019 18:15

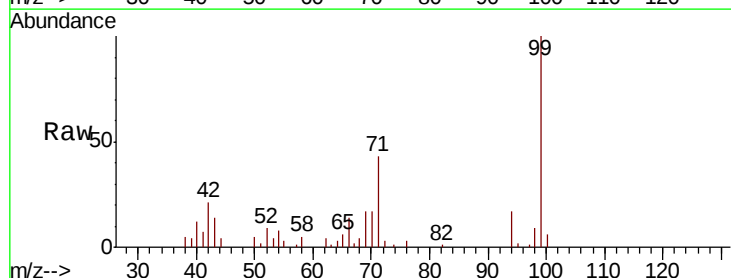
Tgt Ion: 94 Resp: 4857

Ion Ratio Lower Upper

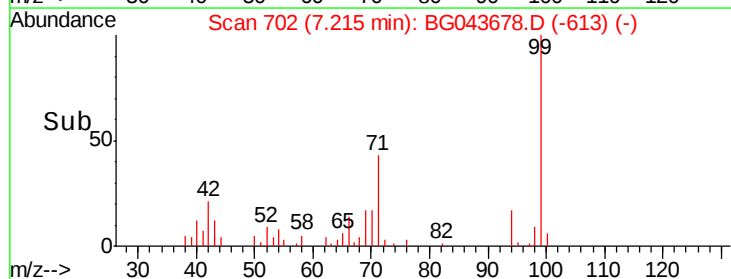
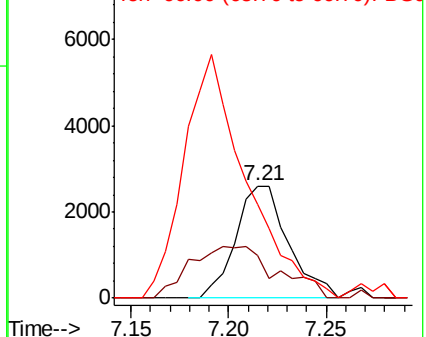
94 100

65 37.7 12.6 52.6

66 83.6 30.7 70.7#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043678.D

Acq: 18 Nov 2019 18:15

Instrument :

BNA_G

ClientSampleId :

8-(10-12)

Tot Ion:136 Resp: 98811

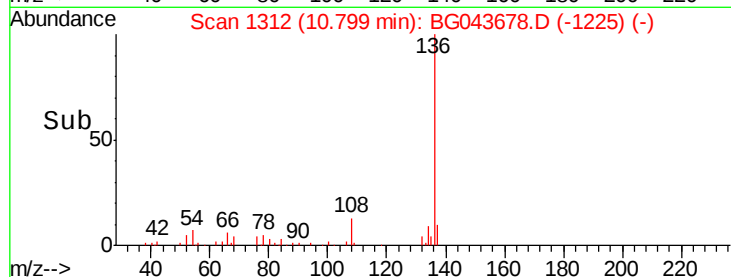
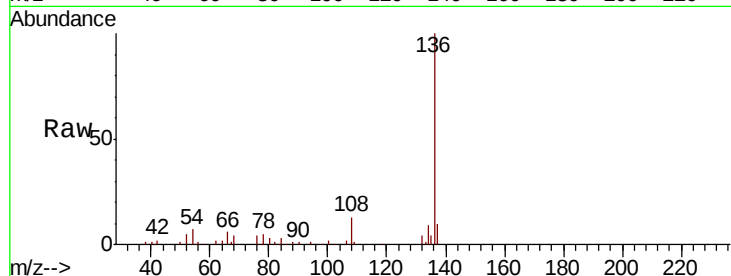
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 7.1 5.4 8.2

68 4.4 3.0 4.4

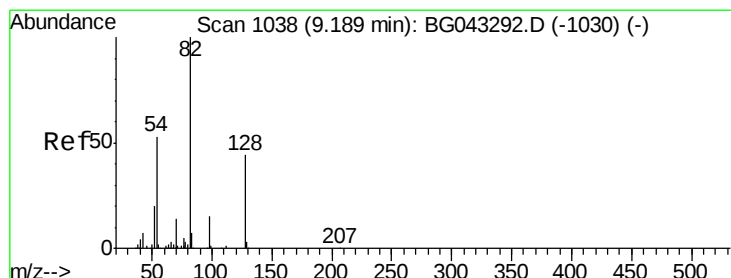
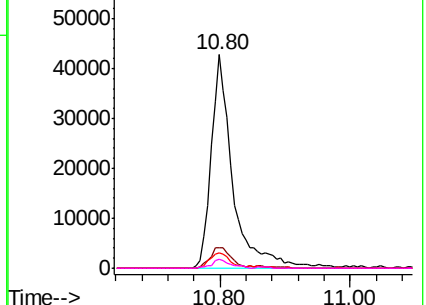


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.039 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG043678.D

Acq: 18 Nov 2019 18:15

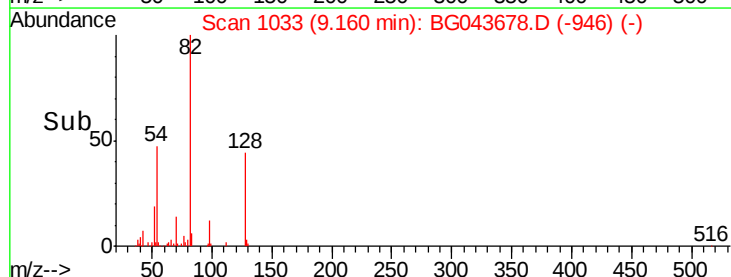
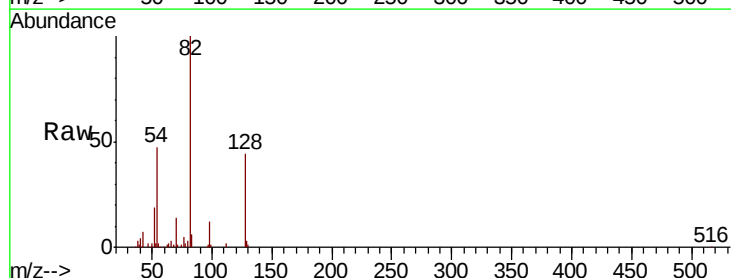
Tgt Ion: 82 Resp: 101657

Ion Ratio Lower Upper

82 100

128 44.0 35.0 52.6

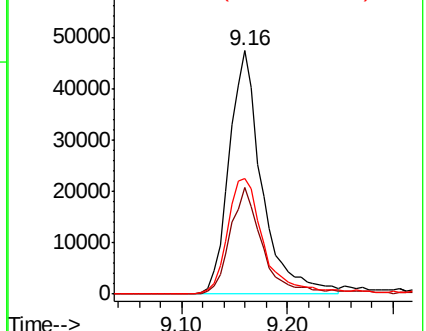
54 47.2 40.2 60.2

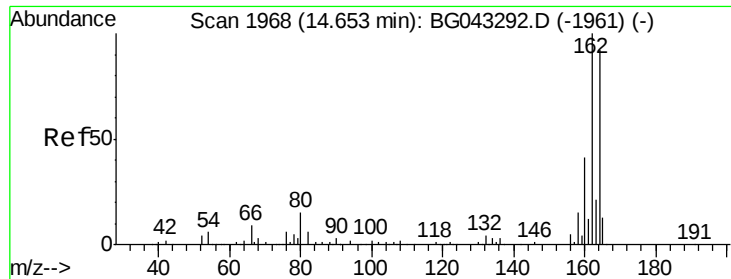


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043678.D

Acq: 18 Nov 2019 18:15

Instrument :

BNA_G

ClientSampleId :

8-(10-12)

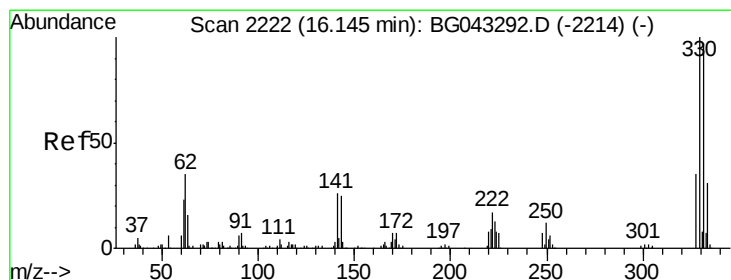
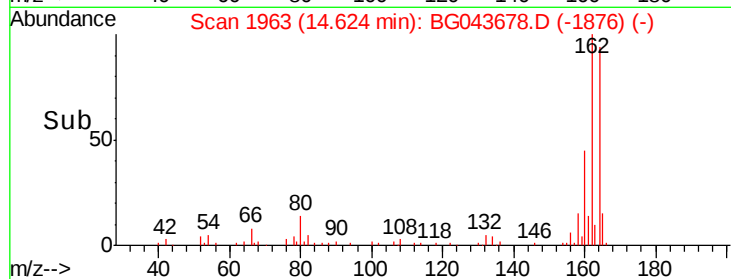
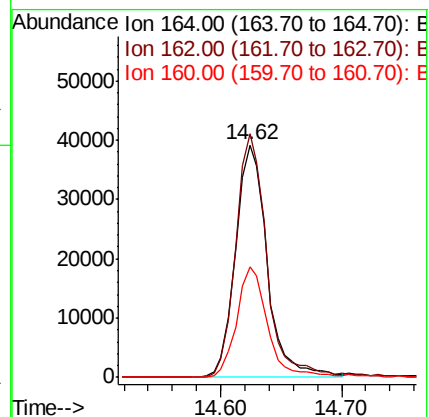
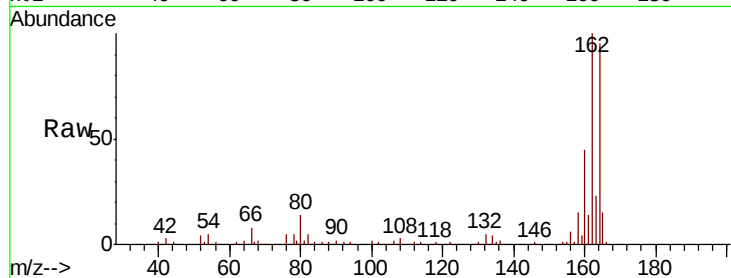
Tot Ion:164 Resp: 71719

Ion Ratio Lower Upper

164 100

162 104.9 83.5 125.3

160 47.4 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 75.382 ng

RT: 16.12 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG043678.D

Acq: 18 Nov 2019 18:15

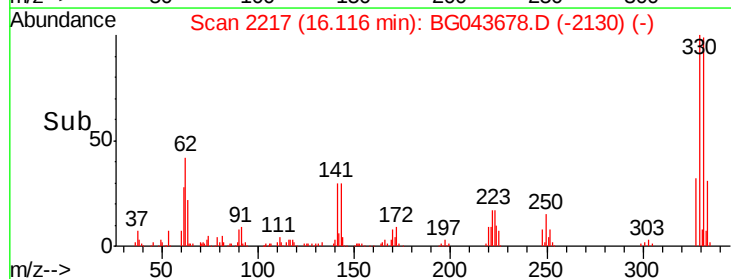
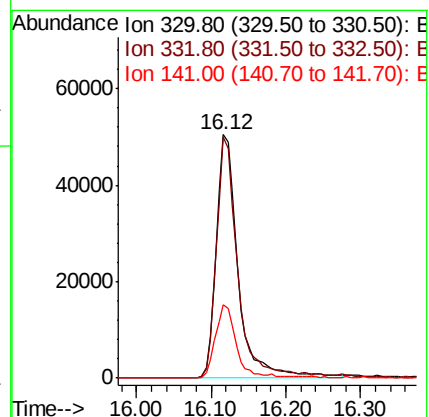
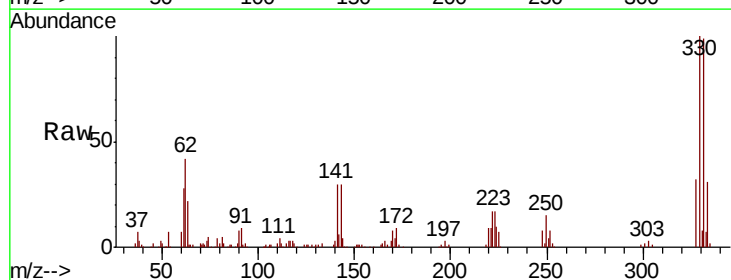
Tgt Ion:330 Resp: 102883

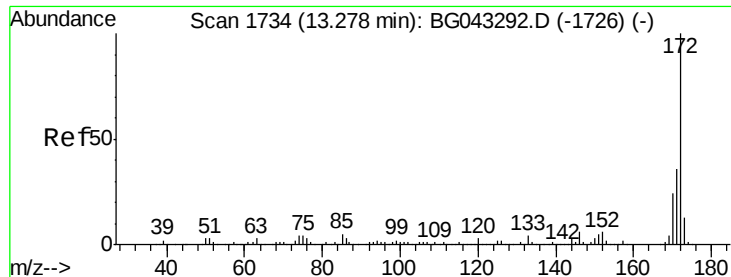
Ion Ratio Lower Upper

330 100

332 94.3 77.4 116.0

141 28.5 22.8 34.2

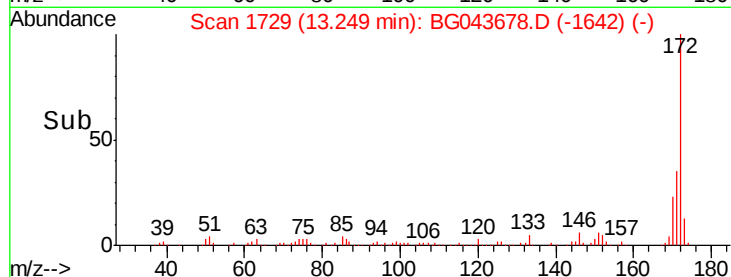
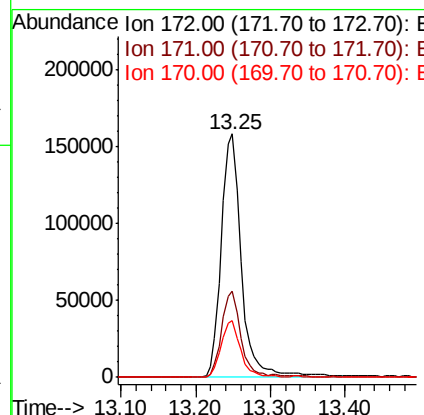
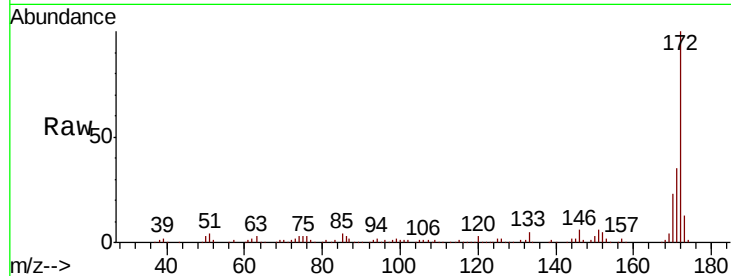




#45
 2-Fluorobiphenyl
 Concen: 57.608 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043678.D
 Acq: 18 Nov 2019 18:15

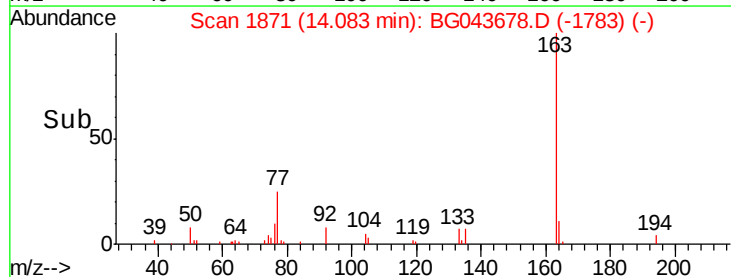
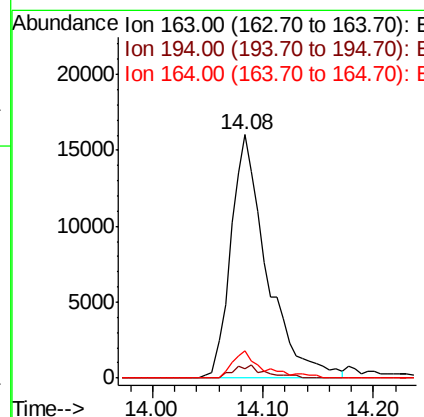
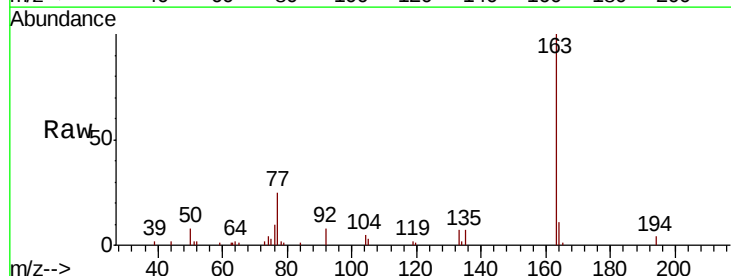
Instrument :
 BNA_G
 ClientSampleId :
 8-(10-12)

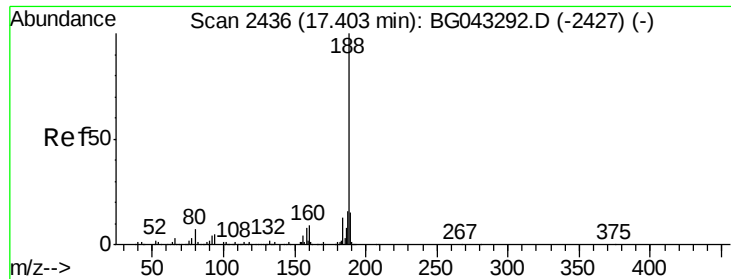
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.2	18.5	27.7



#50
 Dimethylphthalate
 Concen: 6.582 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG043678.D
 Acq: 18 Nov 2019 18:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	11.1	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043678.D

Acq: 18 Nov 2019 18:15

Instrument :

BNA_G

ClientSampleId :

8-(10-12)

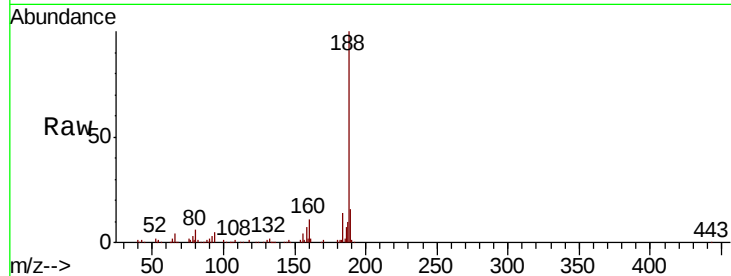
Tot Ion:188 Resp: 171605

Ion Ratio Lower Upper

188 100

94 5.2 4.2 6.4

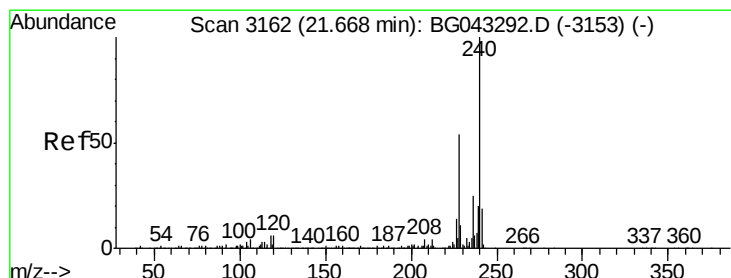
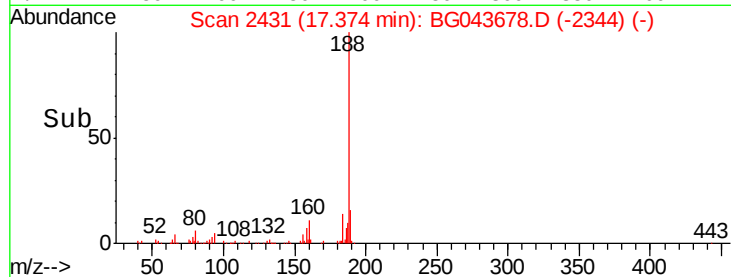
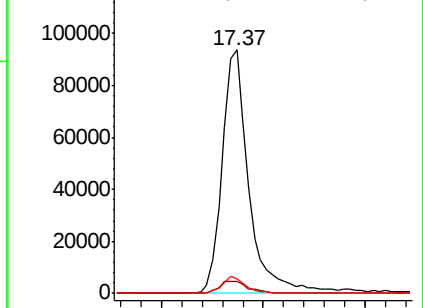
80 6.2 4.5 6.7



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# 3156

Delta R.T. -0.02 min

Lab File: BG043678.D

Acq: 18 Nov 2019 18:15

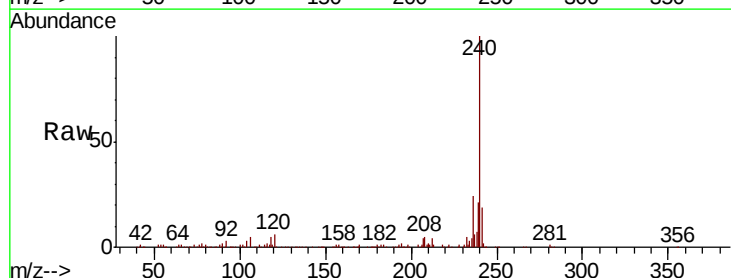
Tgt Ion:240 Resp: 199016

Ion Ratio Lower Upper

240 100

120 6.1 4.6 6.8

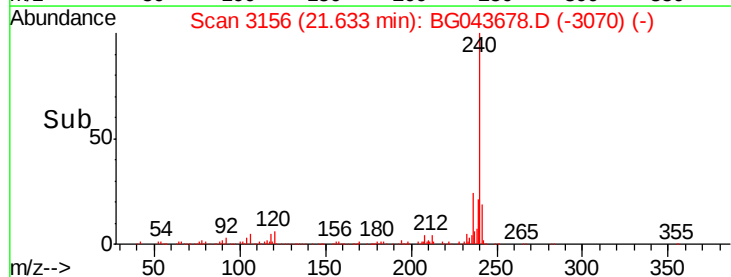
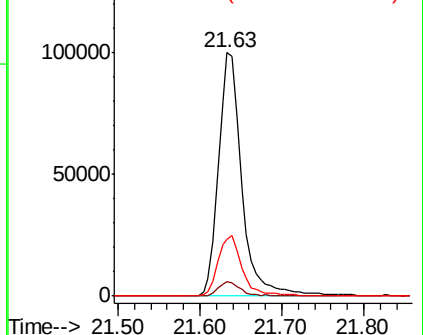
236 23.5 19.8 29.8

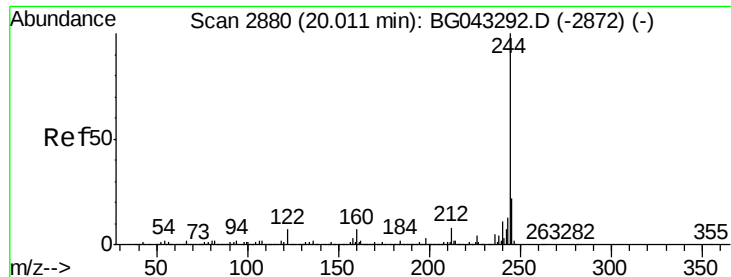


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.056 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043678.D

Acq: 18 Nov 2019 18:15

Instrument :

BNA_G

ClientSampleId :

8-(10-12)

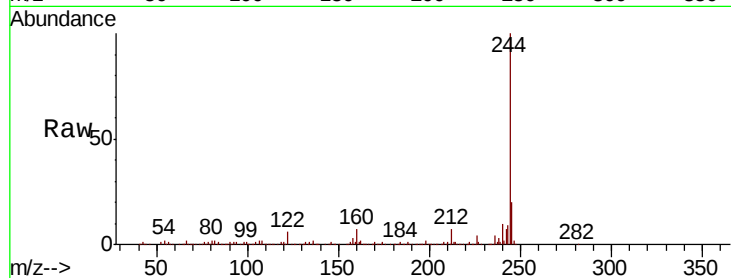
Tot Ion:244 Resp: 658303

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

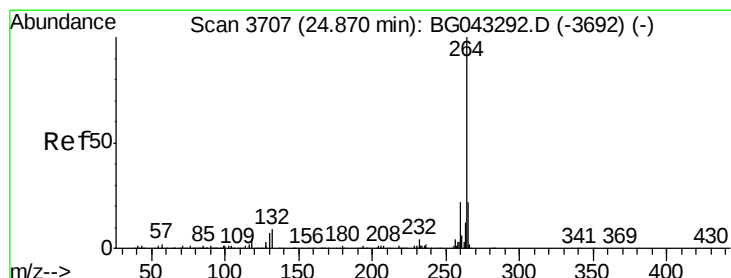
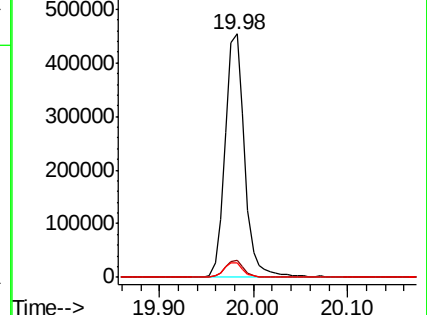
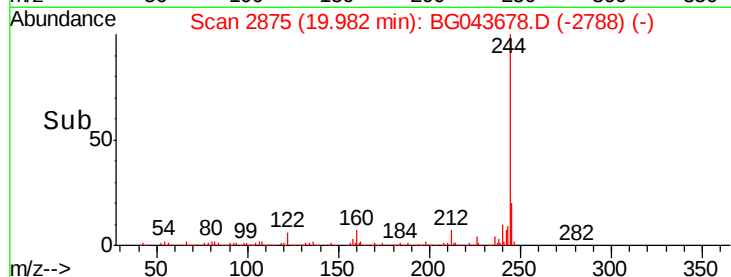
122 6.0 5.4 8.2



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: 24.81 min Scan# 3697

Delta R.T. -0.04 min

Lab File: BG043678.D

Acq: 18 Nov 2019 18:15

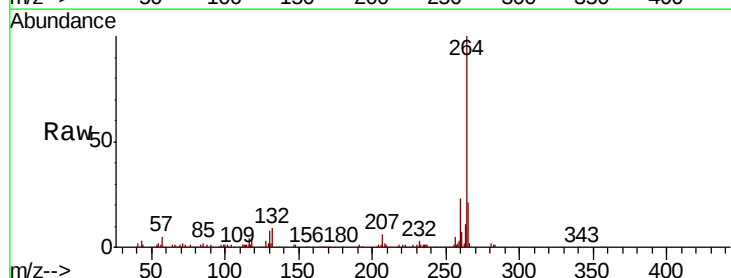
Tgt Ion:264 Resp: 231676

Ion Ratio Lower Upper

264 100

260 23.3 17.5 26.3

265 21.4 17.4 26.0



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

