

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043669.D
 Acq On : 16 Nov 2019 3:00
 Operator : JU
 Sample : K5828-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REP111319

Quant Time: Nov 16 05:31:52 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

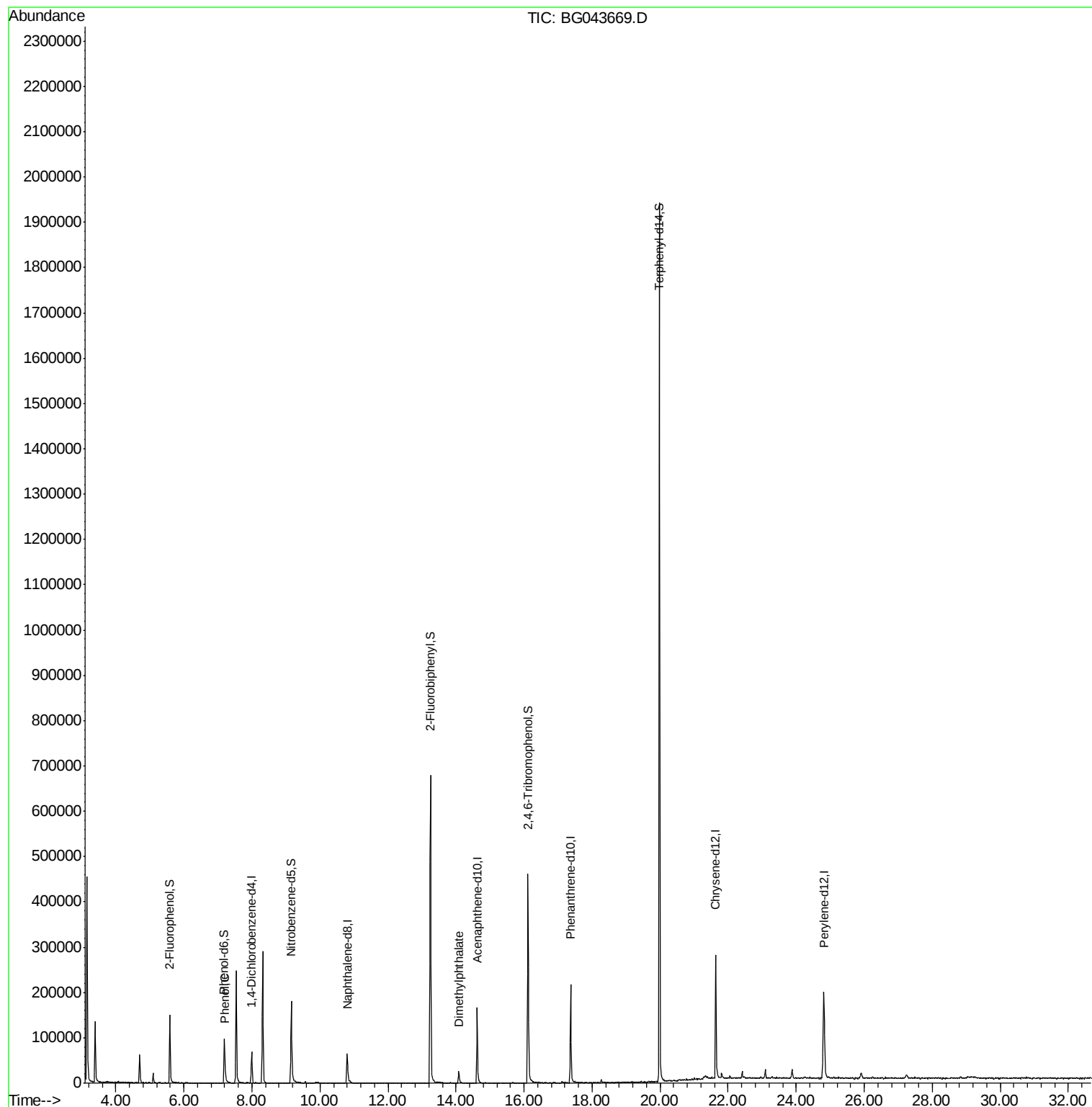
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	21630	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	77693	20.00	ng	-0.01
39) Acenaphthene-d10	14.62	164	64247	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	172119	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	190864	20.00	ng	-0.02
87) Perylene-d12	24.81	264	218946	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	74964	63.51	ng	-0.01
7) Phenol-d6	7.18	99	67600	39.80	ng	-0.01
23) Nitrobenzene-d5	9.16	82	133414	88.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	114217	93.42	ng	-0.02
45) 2-Fluorobiphenyl	13.25	172	419929	90.32	ng	-0.02
79) Terphenyl-d14	19.98	244	974350	95.77	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	9415	6.067	ng	95
50) Dimethylphthalate	14.08	163	24359	4.895	ng	# 95

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

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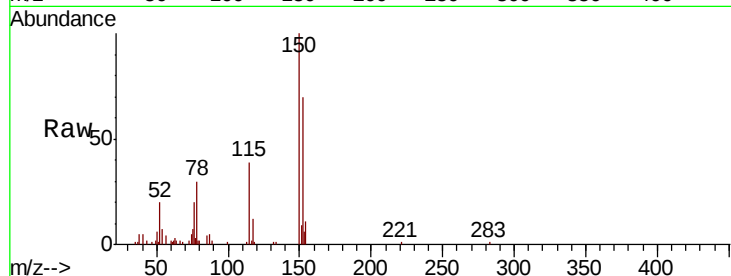


#1

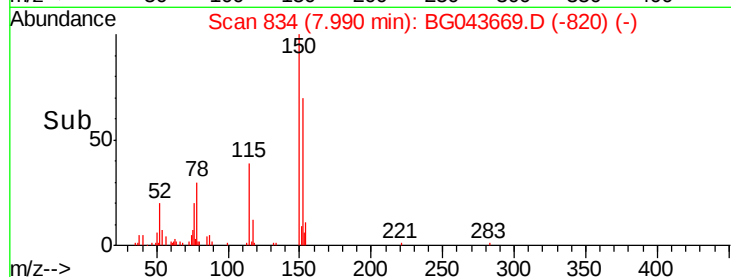
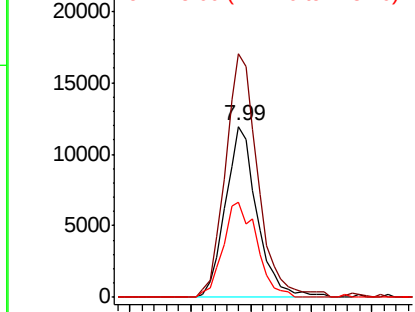
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043669.D
Acq: 16 Nov 2019 3:00

Instrument :
BNA_G
ClientSampleId :
REP111319

Tot Ion:152 Resp: 21630
Ion Ratio Lower Upper
152 100
150 142.4 129.4 194.0
115 56.0 48.8 73.2



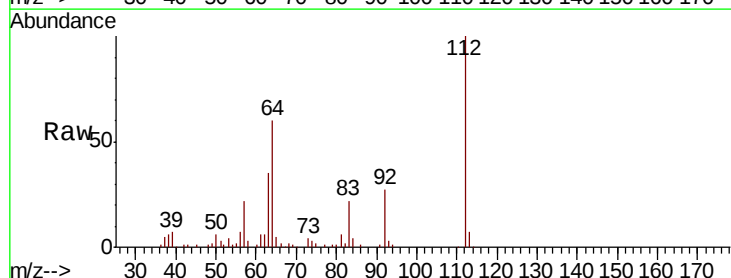
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



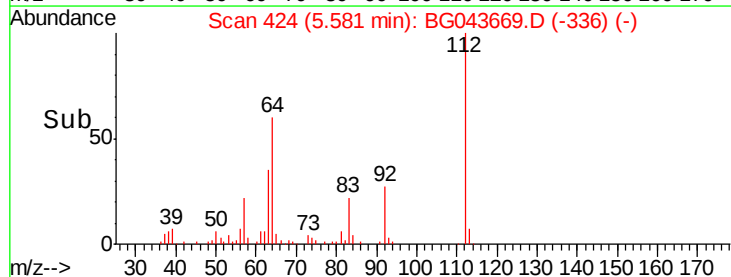
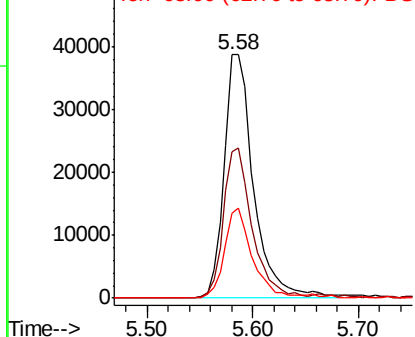
#5

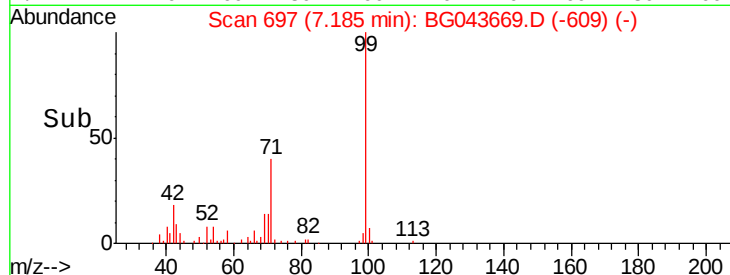
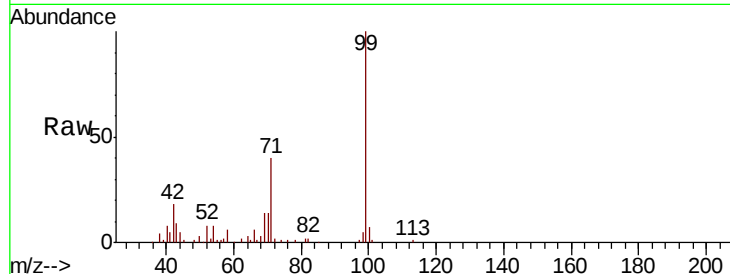
2-Fluorophenol
Concen: 63.508 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.01 min
Lab File: BG043669.D
Acq: 16 Nov 2019 3:00

Tgt Ion:112 Resp: 74964
Ion Ratio Lower Upper
112 100
64 59.8 50.0 75.0
63 34.7 26.6 40.0



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: 39.804 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG043669.D

Acq: 16 Nov 2019 3:00

Instrument :

BNA_G

ClientSampleId :

REP111319

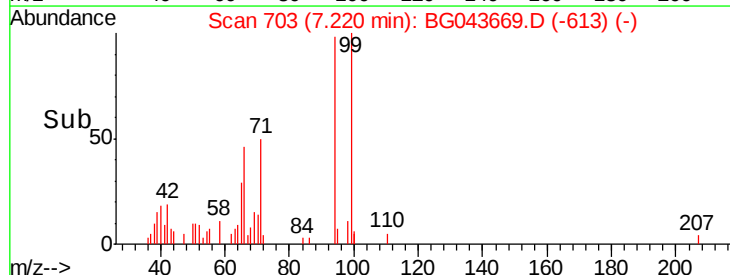
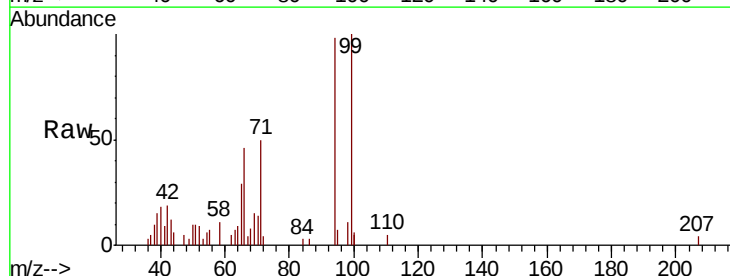
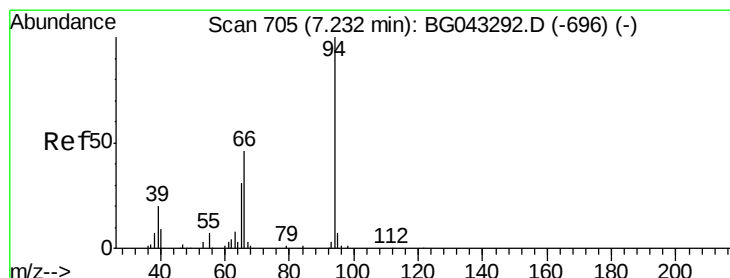
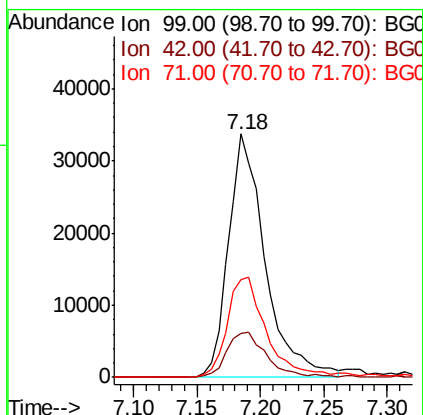
Tot Ion: 99 Resp: 67600

Ion Ratio Lower Upper

99 100

42 18.3 14.6 21.8

71 39.9 32.5 48.7



#10

Phenol

Concen: 6.067 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043669.D

Acq: 16 Nov 2019 3:00

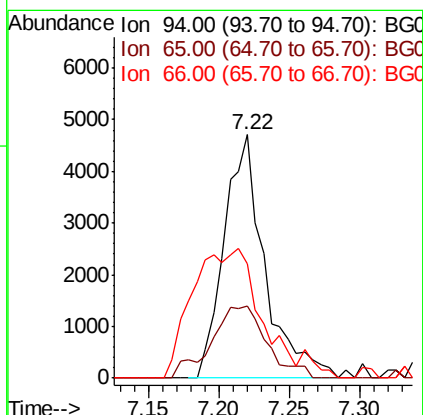
Tgt Ion: 94 Resp: 9415

Ion Ratio Lower Upper

94 100

65 29.9 12.6 52.6

66 46.8 30.7 70.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043669.D

Acq: 16 Nov 2019 3:00

Instrument :

BNA_G

ClientSampleId :

REP111319

Tot Ion:136 Resp: 77693

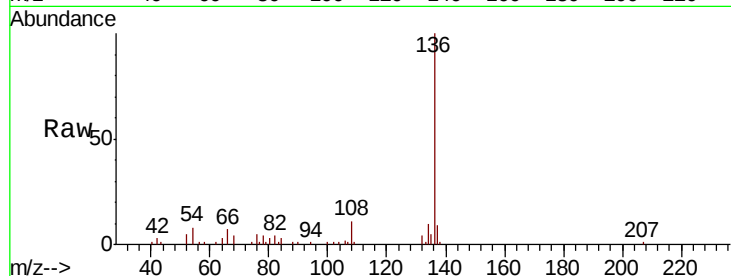
Ion Ratio Lower Upper

136 100

137 9.5 8.7 13.1

54 8.1 5.4 8.2

68 3.6 3.0 4.4

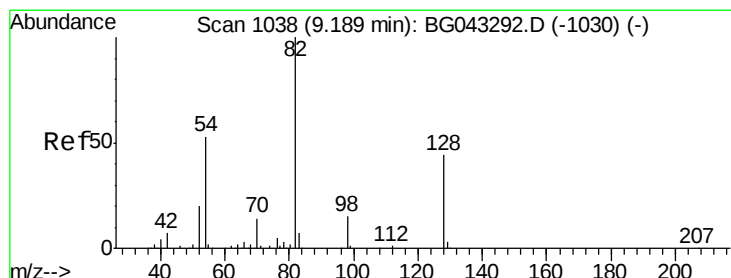
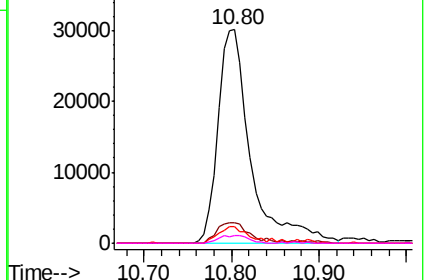
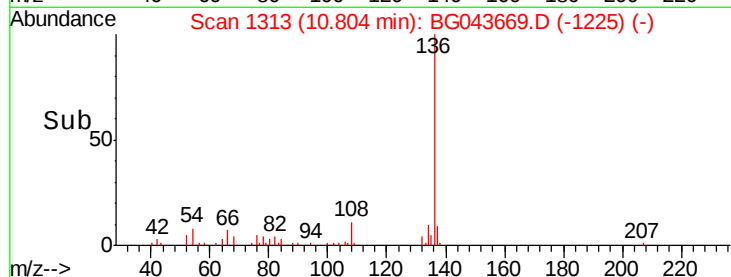


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.529 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG043669.D

Acq: 16 Nov 2019 3:00

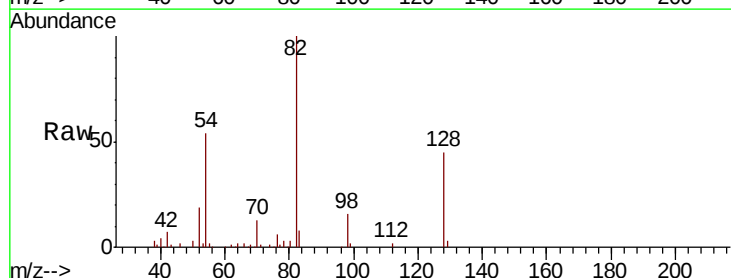
Tgt Ion: 82 Resp: 133414

Ion Ratio Lower Upper

82 100

128 44.7 35.0 52.6

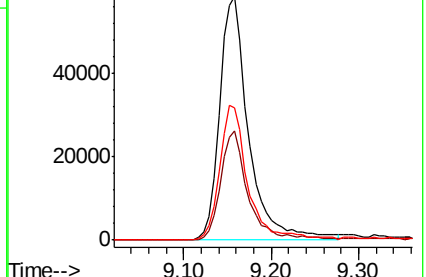
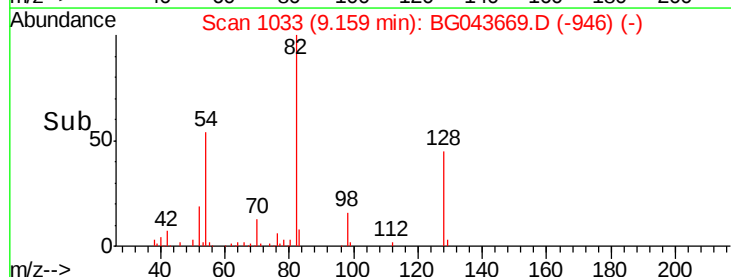
54 54.3 40.2 60.2

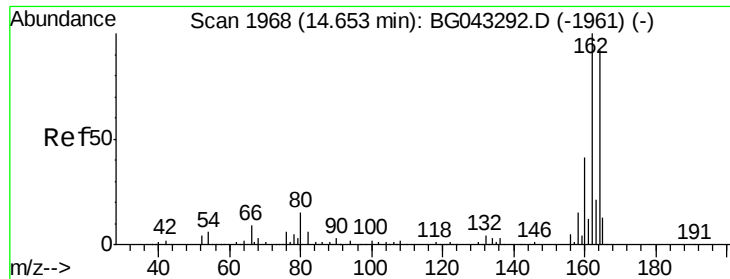


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG043669.D

Acq: 16 Nov 2019 3:00

Instrument :

BNA_G

ClientSampleId :

REP111319

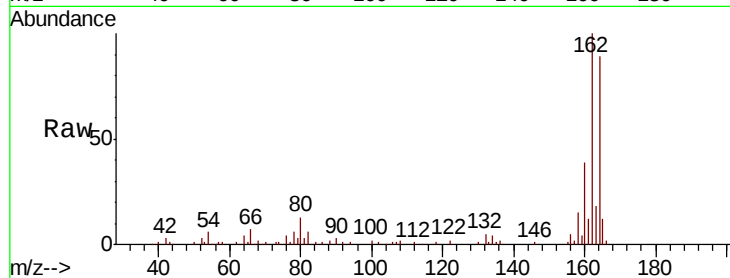
Tot Ion:164 Resp: 64247

Ion Ratio Lower Upper

164 100

162 111.9 83.5 125.3

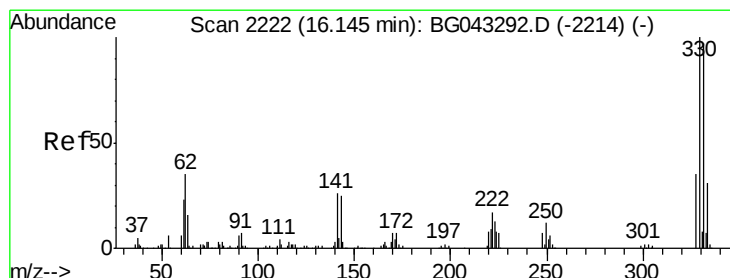
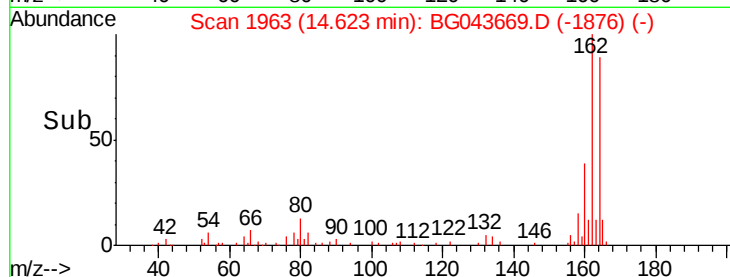
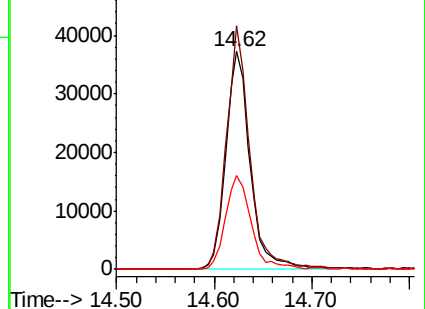
160 43.3 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 93.420 ng

RT: 16.12 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG043669.D

Acq: 16 Nov 2019 3:00

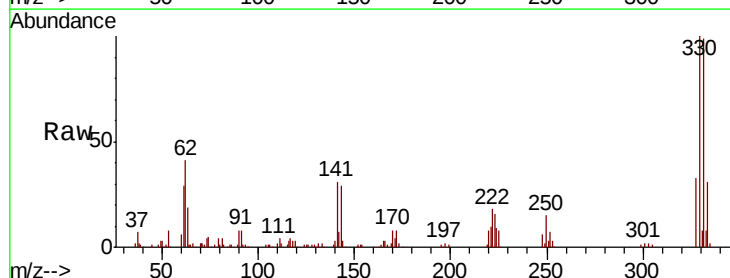
Tgt Ion:330 Resp: 114217

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

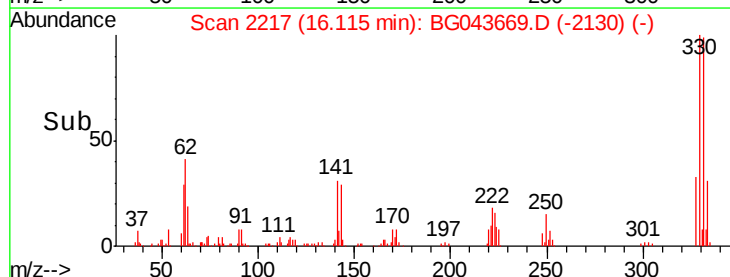
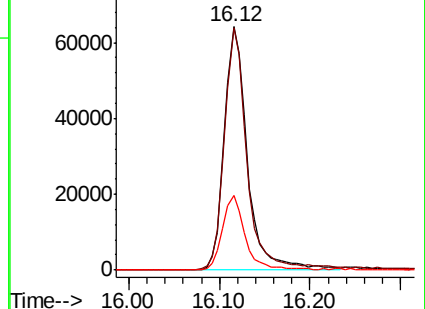
141 29.9 22.8 34.2



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

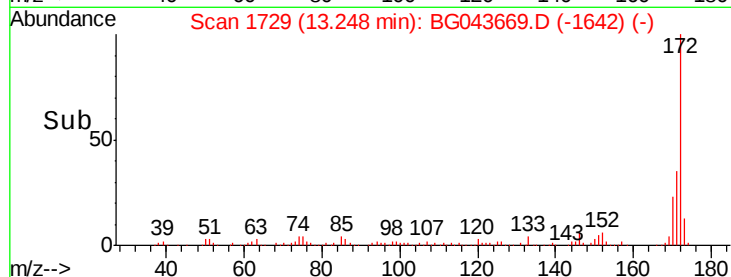
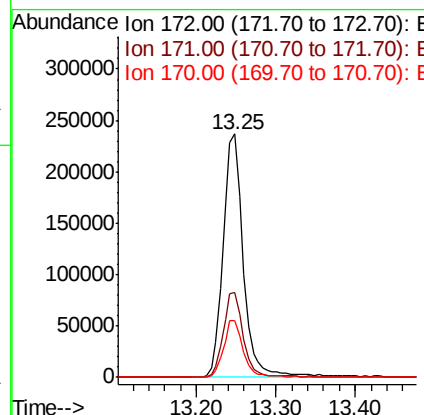
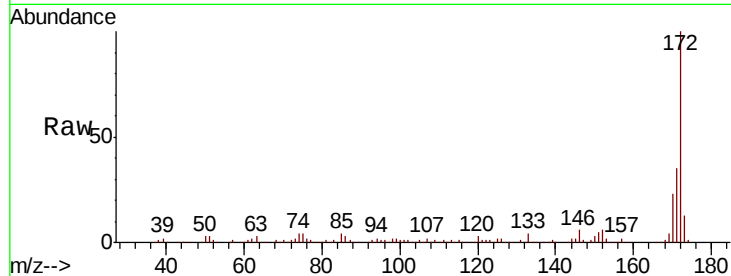




#45
 2-Fluorobiphenyl
 Concen: 90.317 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043669.D
 Acq: 16 Nov 2019 3:00

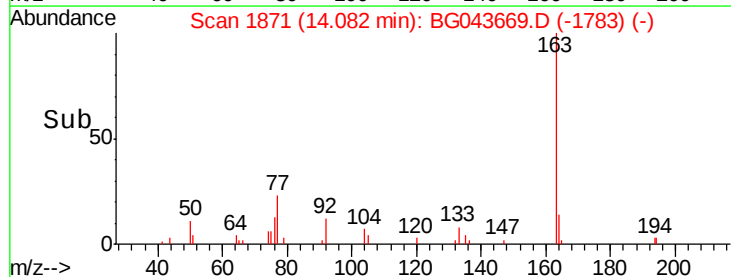
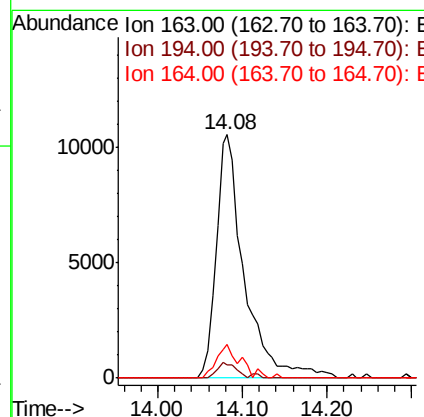
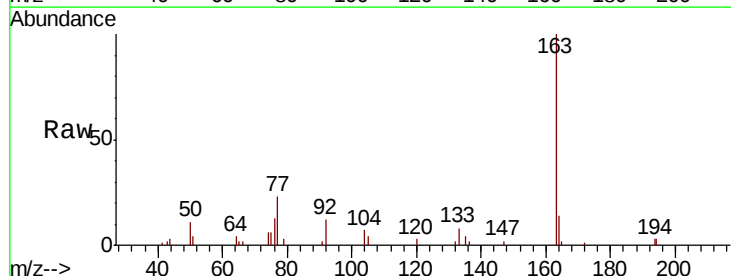
Instrument :
 BNA_G
 ClientSampleId :
 REP111319

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.4	18.5	27.7



#50
 Dimethylphthalate
 Concen: 4.895 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG043669.D
 Acq: 16 Nov 2019 3:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.8	5.6
164	13.7	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: BG043669.D

Acq: 16 Nov 2019 3:00

Instrument :

BNA_G

ClientSampleId :

REP111319

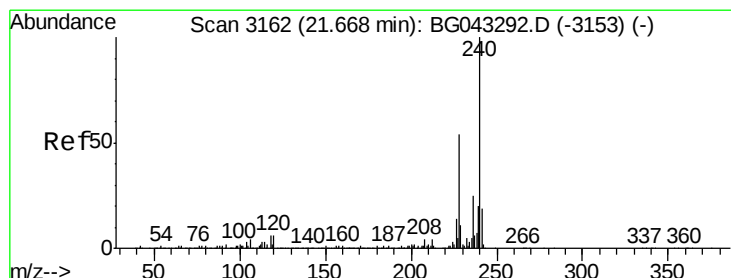
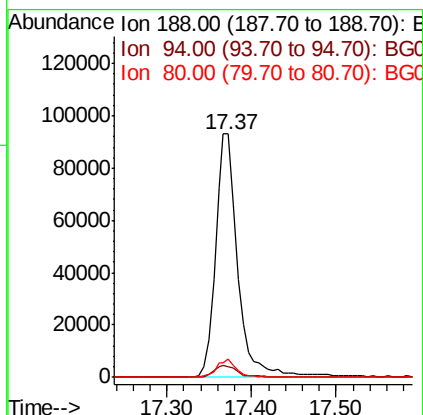
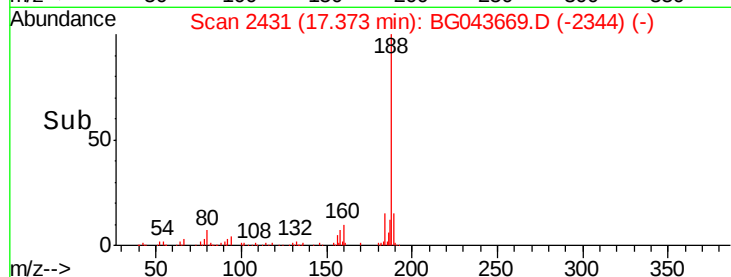
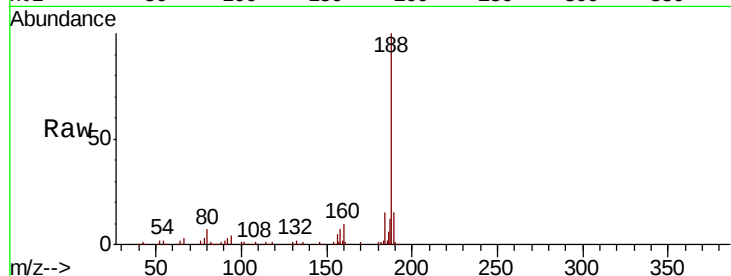
Tot Ion:188 Resp: 172119

Ion Ratio Lower Upper

188 100

94 4.3 4.2 6.4

80 7.5 4.5 6.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.02 min

Lab File: BG043669.D

Acq: 16 Nov 2019 3:00

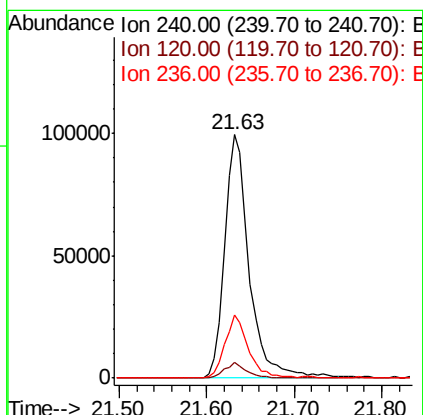
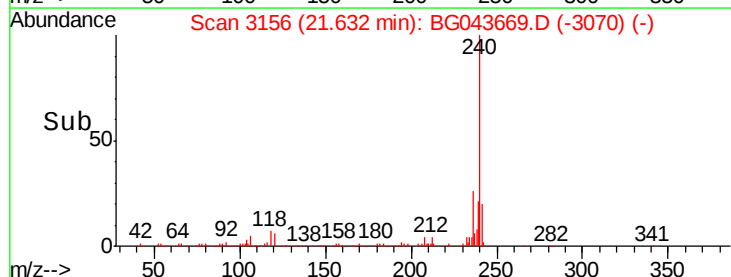
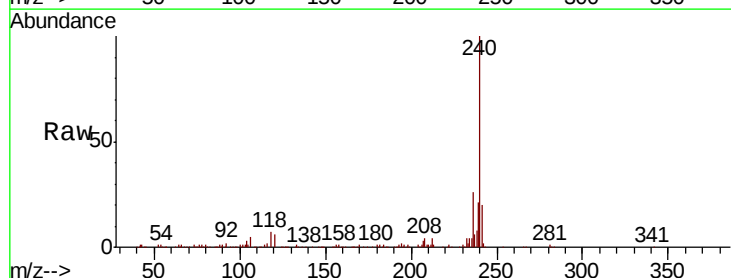
Tgt Ion:240 Resp: 190864

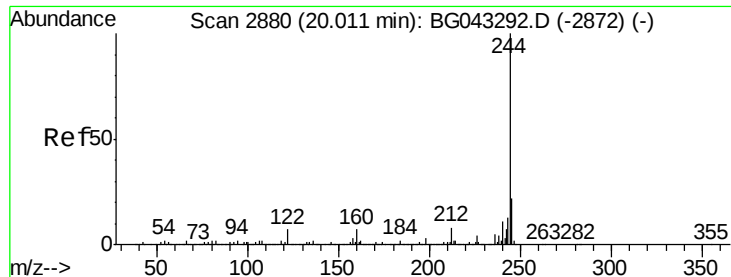
Ion Ratio Lower Upper

240 100

120 6.3 4.6 6.8

236 26.2 19.8 29.8





#79

Terphenyl-d14

Concen: 95.772 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043669.D

Acq: 16 Nov 2019 3:00

Instrument :

BNA_G

ClientSampleId :

REP111319

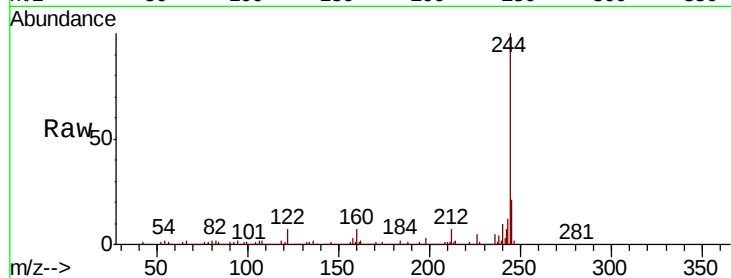
Tot Ion:244 Resp: 974350

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

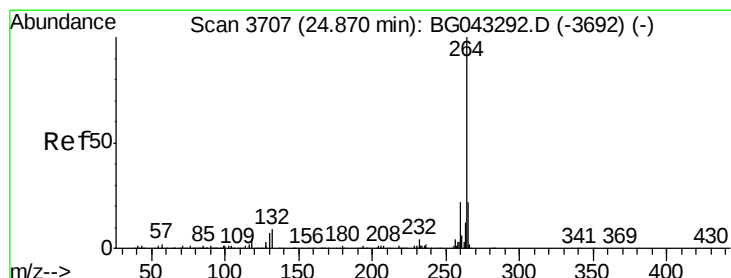
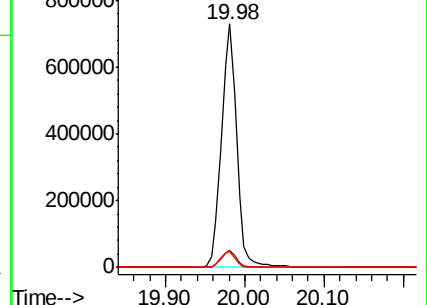
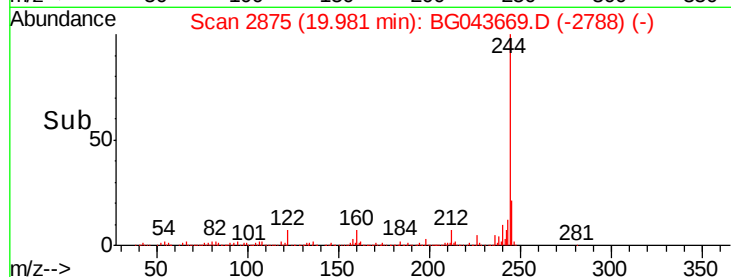
122 6.5 5.4 8.2



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: BG043669.D

Acq: 16 Nov 2019 3:00

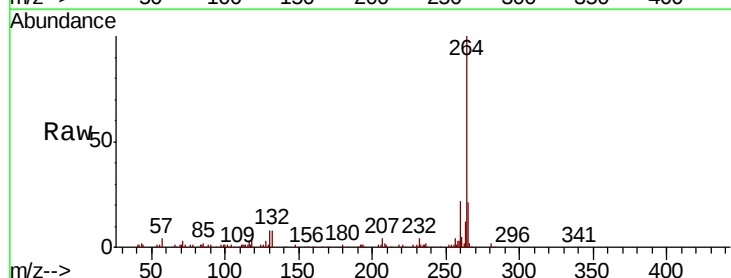
Tgt Ion:264 Resp: 218946

Ion Ratio Lower Upper

264 100

260 22.4 17.5 26.3

265 20.5 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

