

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043642.D
 Acq On : 14 Nov 2019 20:27
 Operator : JU
 Sample : K5832-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(6-8)

Quant Time: Nov 15 03:04:16 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

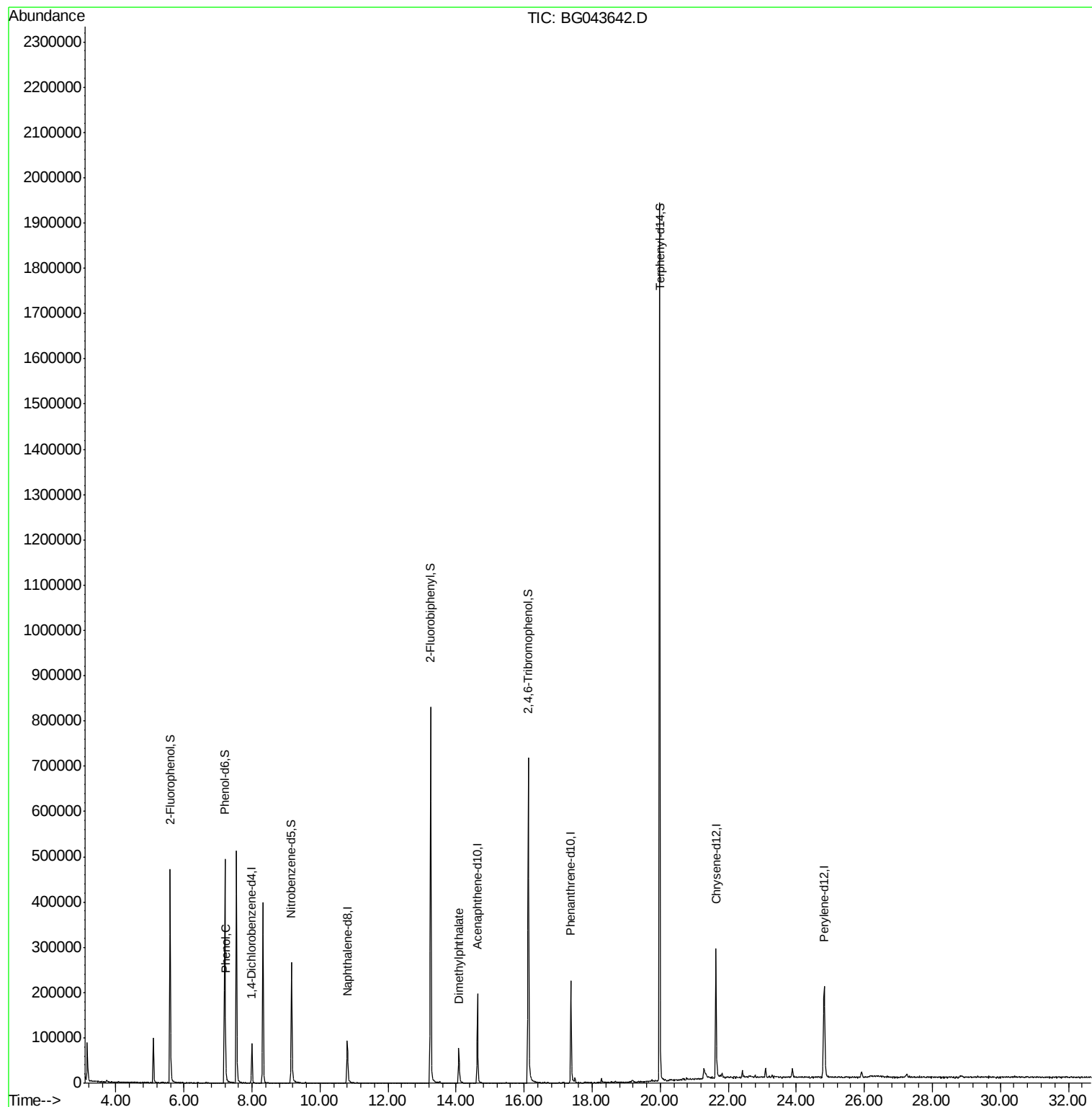
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26609	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	101443	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	75469	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	186132	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	200291	20.00	ng	-0.02
87) Perylene-d12	24.82	264	231800	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	220916	152.14	ng	0.00
7) Phenol-d6	7.20	99	309250	148.02	ng	0.00
23) Nitrobenzene-d5	9.16	82	182793	92.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	185826	129.39	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	492628	90.20	ng	-0.01
79) Terphenyl-d14	19.98	244	1019091	95.45	ng	-0.01
Target Compounds						
10) Phenol	7.22	94	9055	4.743	ng	Qvalue # 62
50) Dimethylphthalate	14.08	163	68591	11.734	ng	99

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

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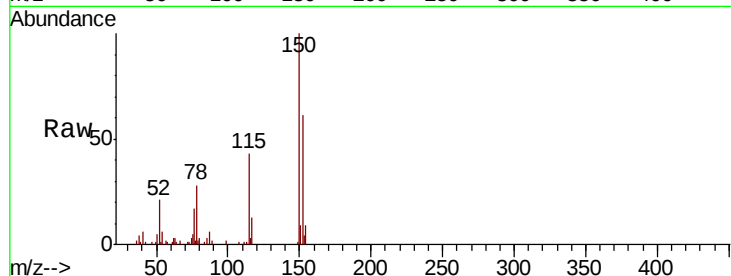


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043642.D
Acq: 14 Nov 2019 20:27

Instrument :
BNA_G
ClientSampleId :
8-(6-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.6	129.4	194.0
115	70.5	48.8	73.2

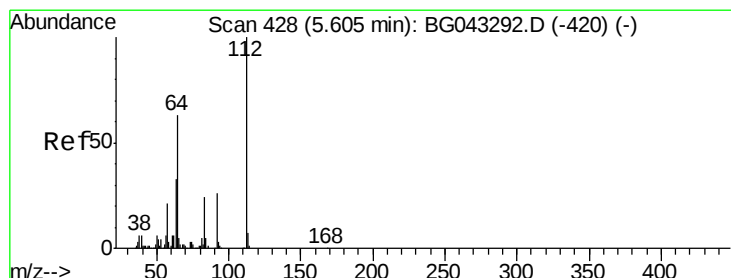
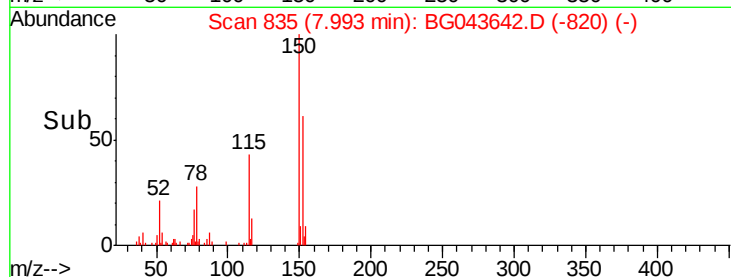
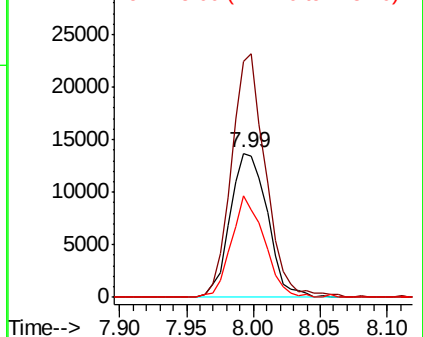


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

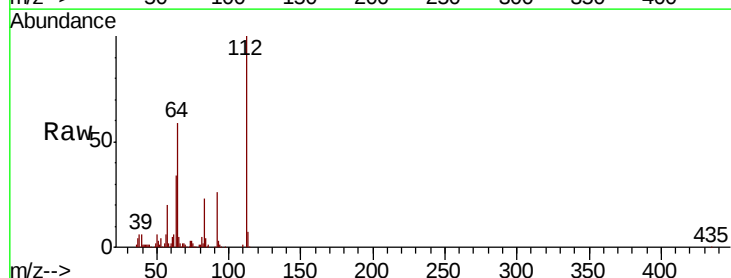
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 152.135 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043642.D
Acq: 14 Nov 2019 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	50.0	75.0
63	34.4	26.6	40.0

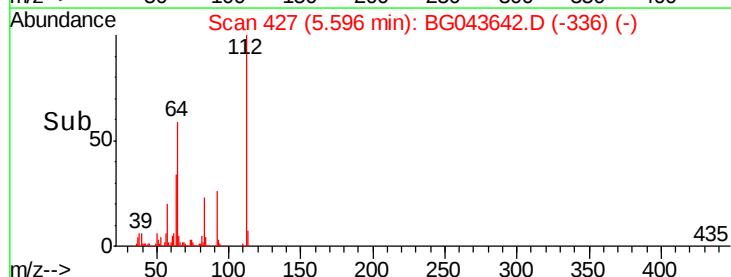
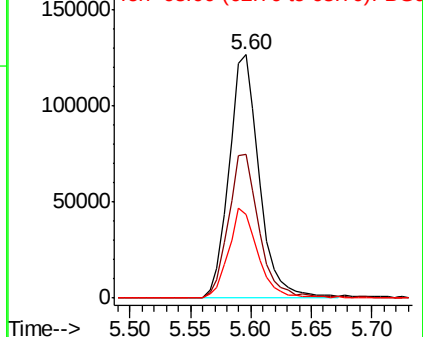


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 148.021 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043642.D

Acq: 14 Nov 2019 20:27

Instrument :

BNA_G

ClientSampleId :

8-(6-8)

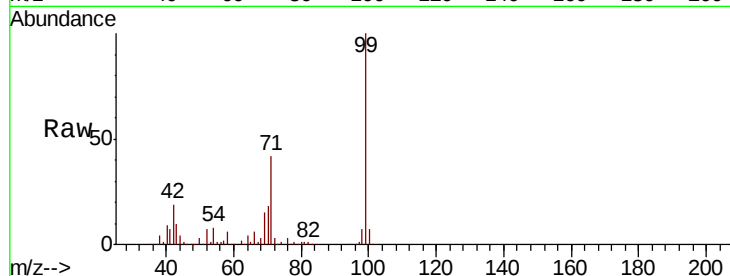
Tot Ion: 99 Resp: 309250

Ion Ratio Lower Upper

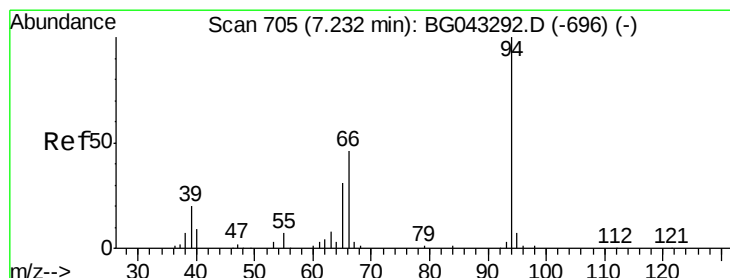
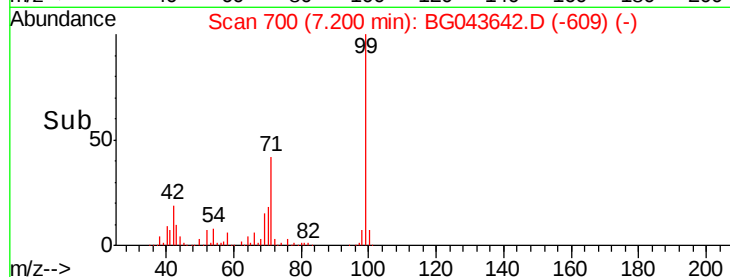
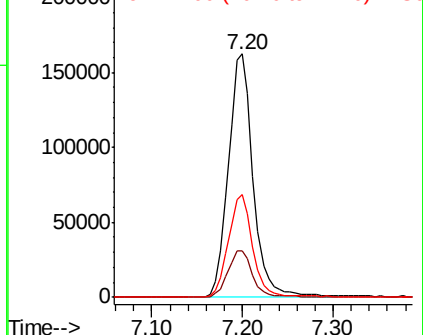
99 100

42 19.3 14.6 21.8

71 42.0 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: 4.743 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043642.D

Acq: 14 Nov 2019 20:27

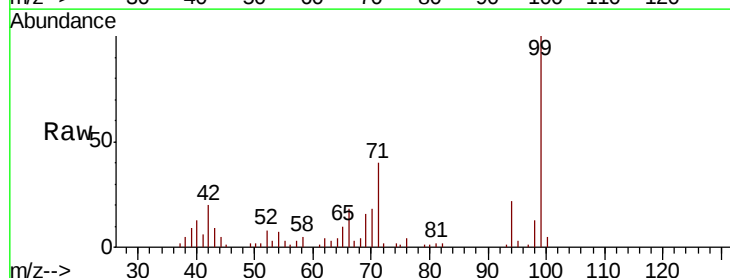
Tgt Ion: 94 Resp: 9055

Ion Ratio Lower Upper

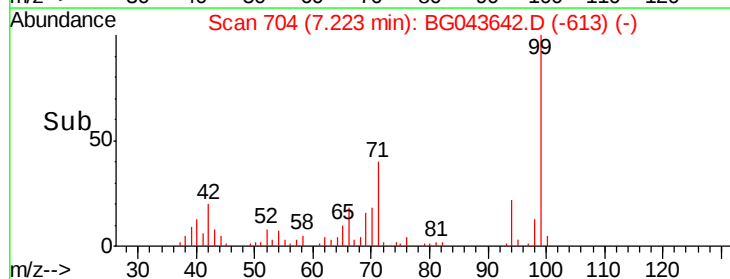
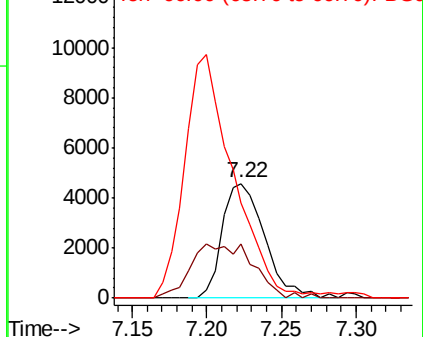
94 100

65 47.0 12.6 52.6

66 83.1 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# 1313

Delta R.T. -0.01 min

Lab File: BG043642.D

Acq: 14 Nov 2019 20:27

Instrument :

BNA_G

ClientSampleId :

8-(6-8)

Tot Ion:136 Resp: 101443

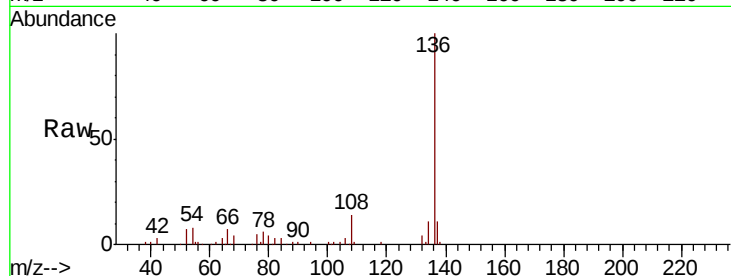
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.8 5.4 8.2

68 4.3 3.0 4.4

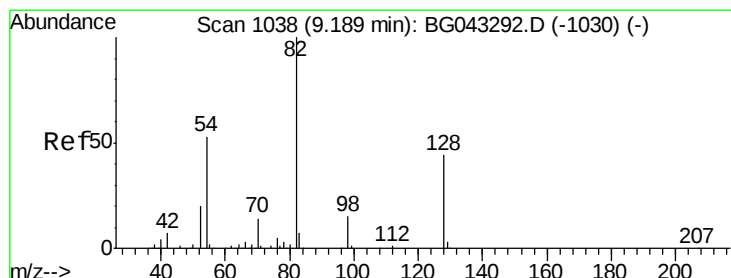
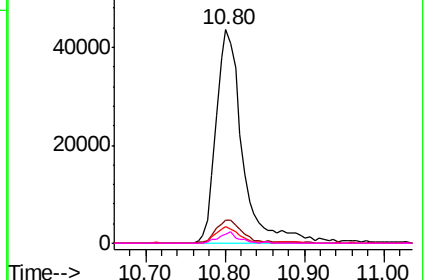
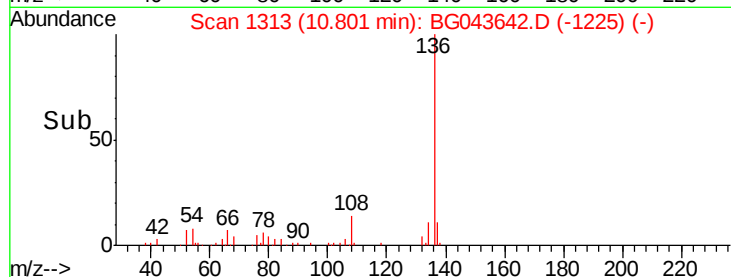


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.898 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG043642.D

Acq: 14 Nov 2019 20:27

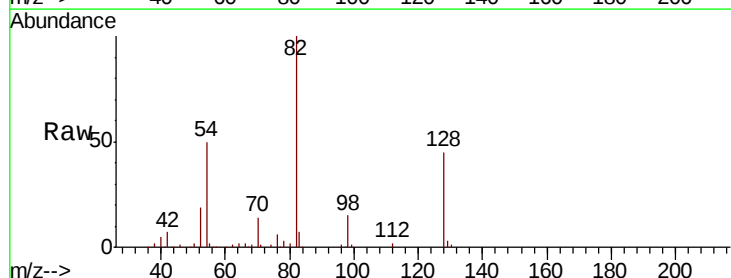
Tgt Ion: 82 Resp: 182793

Ion Ratio Lower Upper

82 100

128 44.8 35.0 52.6

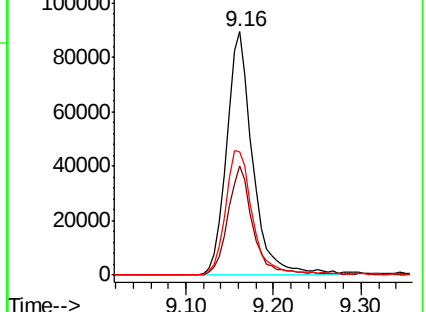
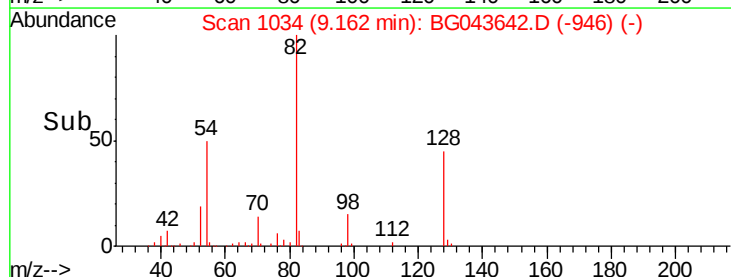
54 50.5 40.2 60.2

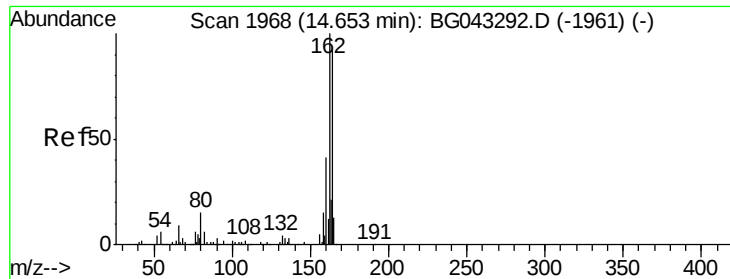


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043642.D

Acq: 14 Nov 2019 20:27

Instrument :

BNA_G

ClientSampleId :

8-(6-8)

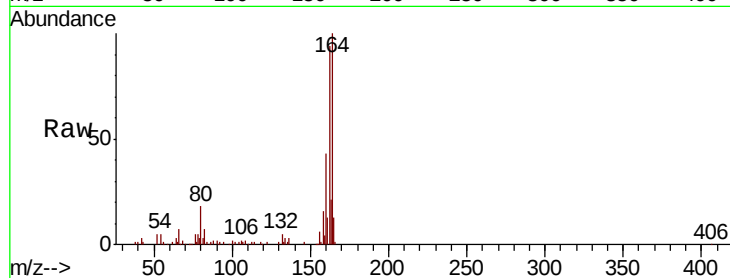
Tot Ion:164 Resp: 75469

Ion Ratio Lower Upper

164 100

162 94.3 83.5 125.3

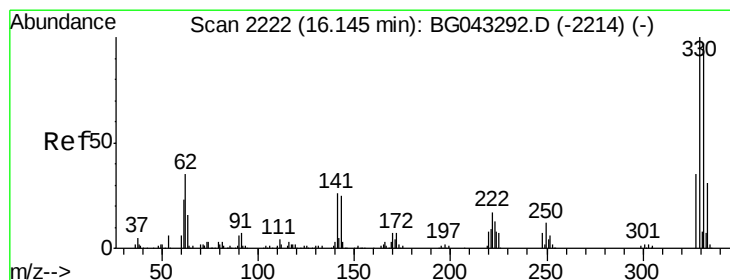
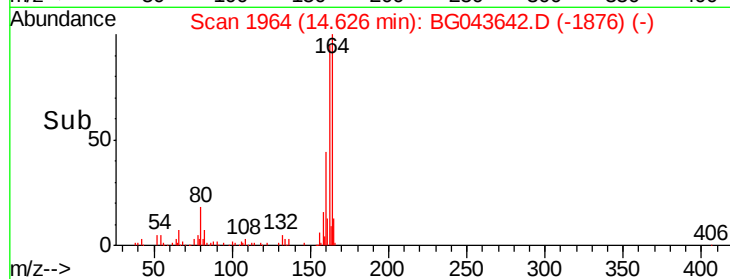
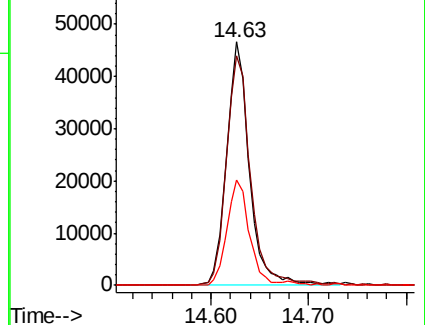
160 43.3 36.5 54.7



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: 129.389 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043642.D

Acq: 14 Nov 2019 20:27

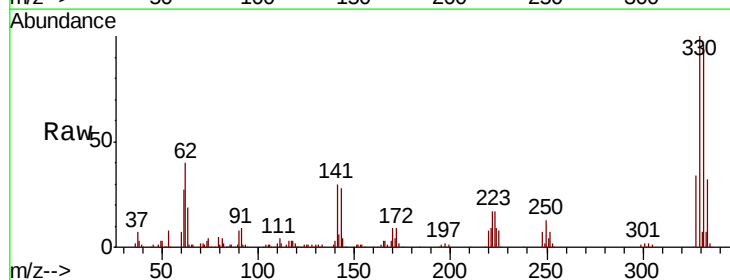
Tgt Ion:330 Resp: 185826

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

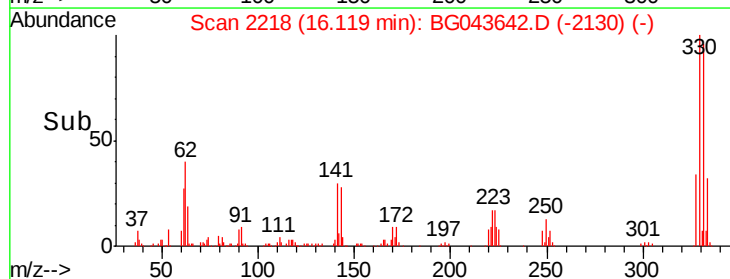
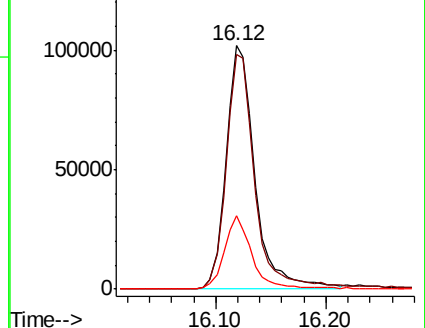
141 28.0 22.8 34.2

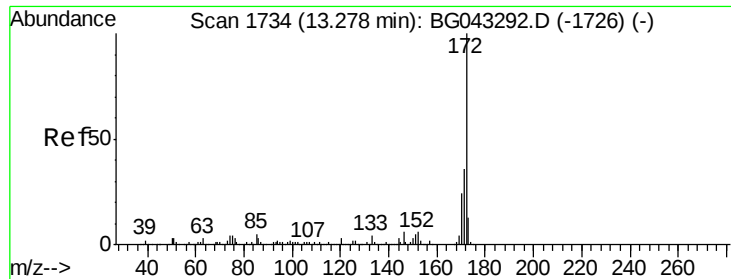


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

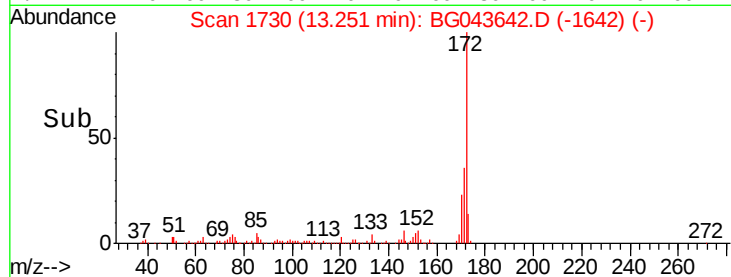
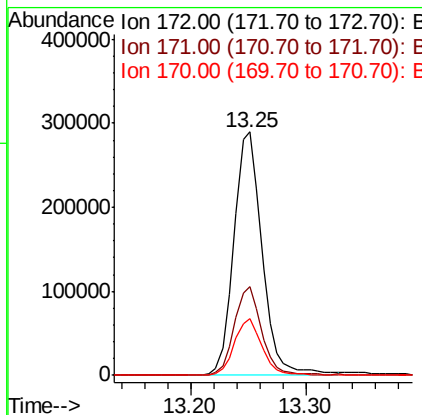
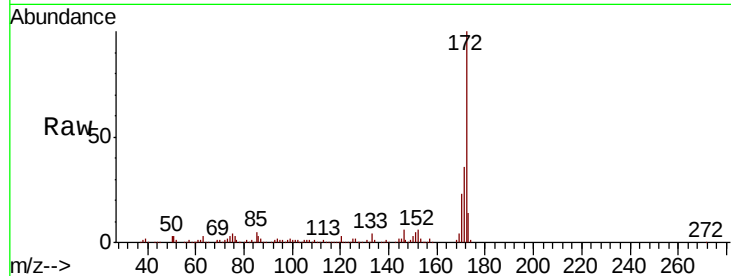




#45
 2-Fluorobiphenyl
 Concen: 90.198 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043642.D
 Acq: 14 Nov 2019 20:27

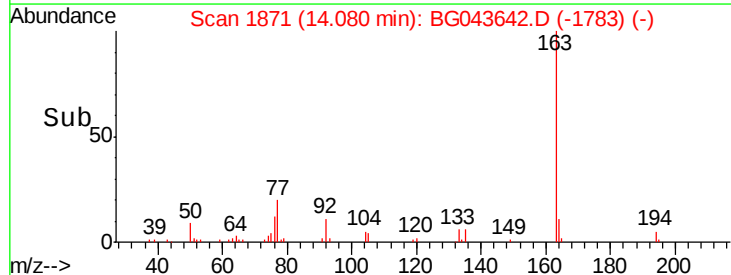
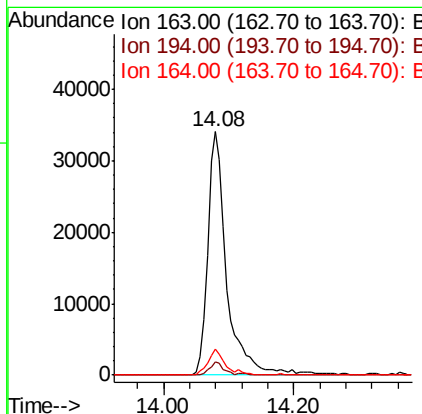
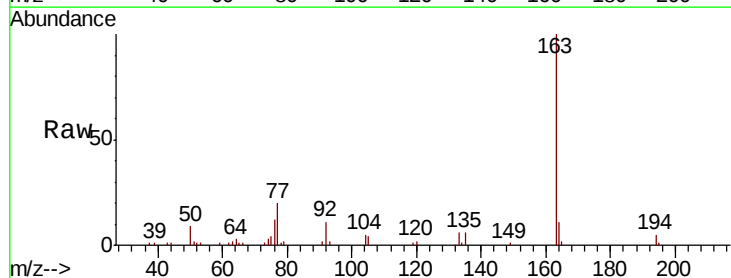
Instrument :
 BNA_G
 ClientSampleId :
 8-(6-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.1	18.5	27.7



#50
 Dimethylphthalate
 Concen: 11.734 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG043642.D
 Acq: 14 Nov 2019 20:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.8	5.6
164	10.9	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043642.D

Acq: 14 Nov 2019 20:27

Instrument :

BNA_G

ClientSampleId :

8-(6-8)

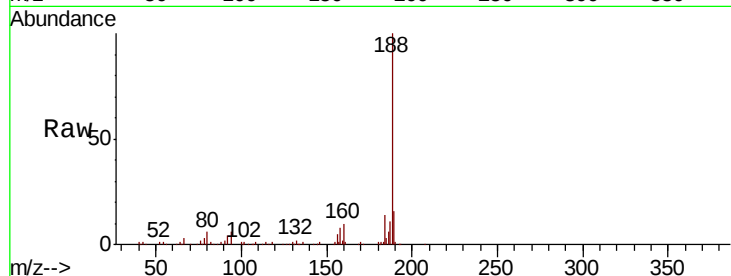
Tot Ion:188 Resp: 186132

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.4

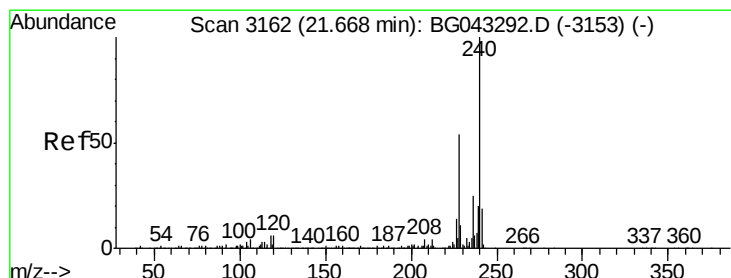
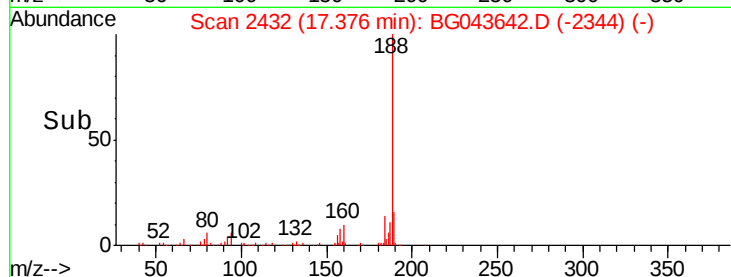
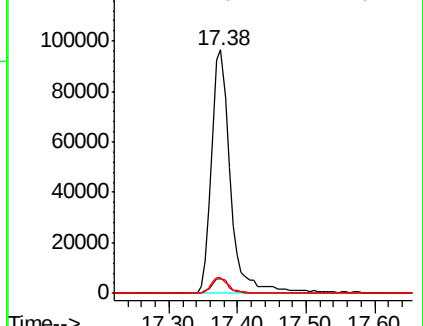
80 6.4 4.5 6.7



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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043642.D

Acq: 14 Nov 2019 20:27

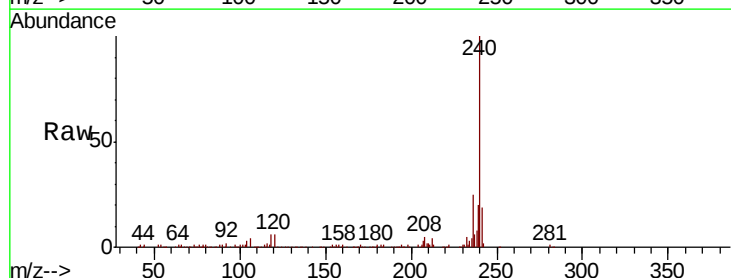
Tgt Ion:240 Resp: 200291

Ion Ratio Lower Upper

240 100

120 5.9 4.6 6.8

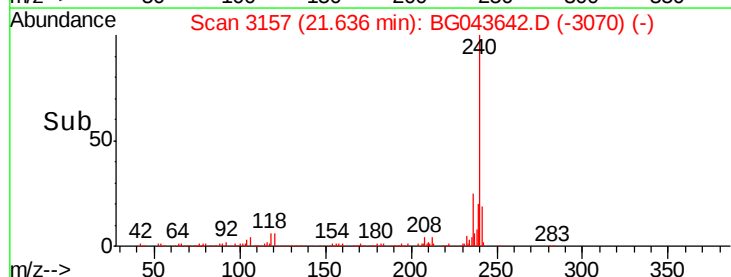
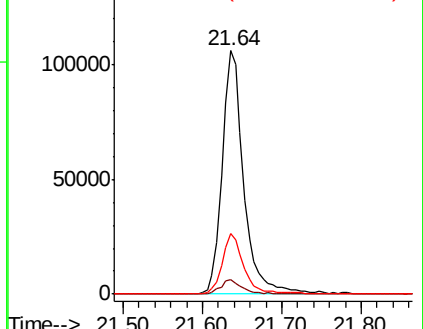
236 25.1 19.8 29.8

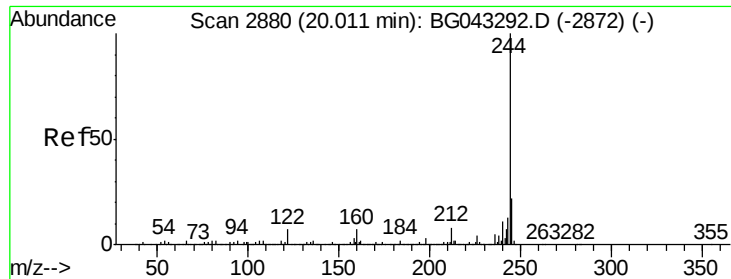


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.455 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043642.D

Acq: 14 Nov 2019 20:27

Instrument :

BNA_G

ClientSampleId :

8-(6-8)

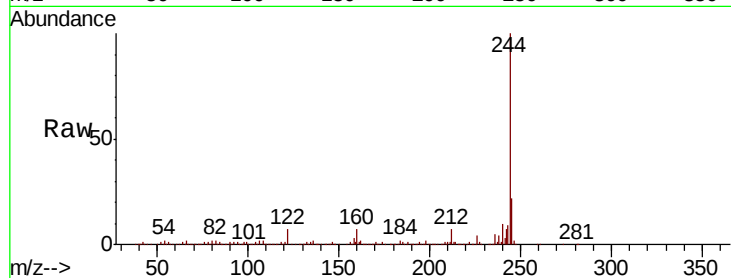
Tot Ion:244 Resp: 1019091

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

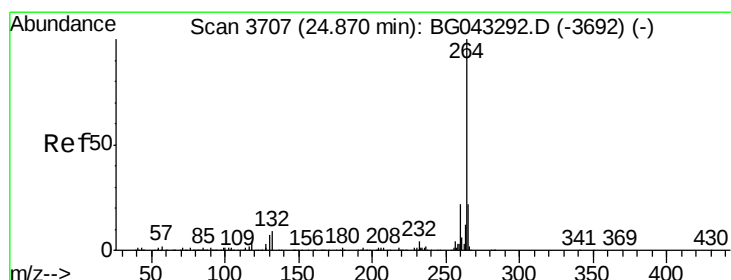
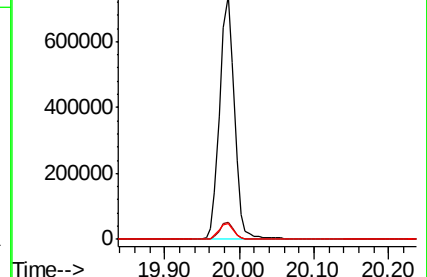
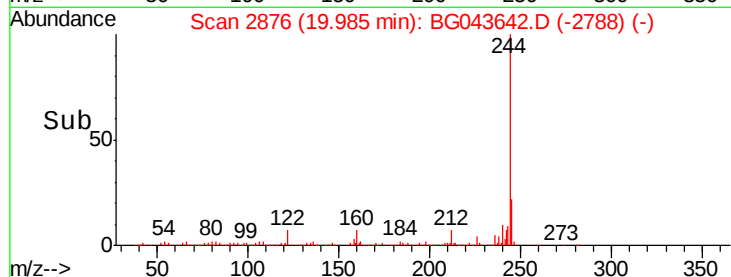
122 6.7 5.4 8.2



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: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043642.D

Acq: 14 Nov 2019 20:27

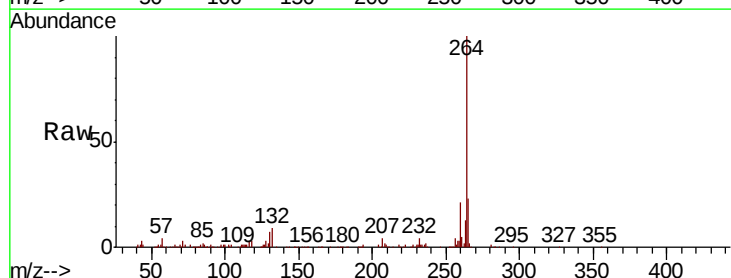
Tgt Ion:264 Resp: 231800

Ion Ratio Lower Upper

264 100

260 20.8 17.5 26.3

265 22.6 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

