

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042545.D
 Acq On : 28 Aug 2019 23:10
 Operator : HP/JU
 Sample : K4536-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-20-22

Quant Time: Aug 29 07:40:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

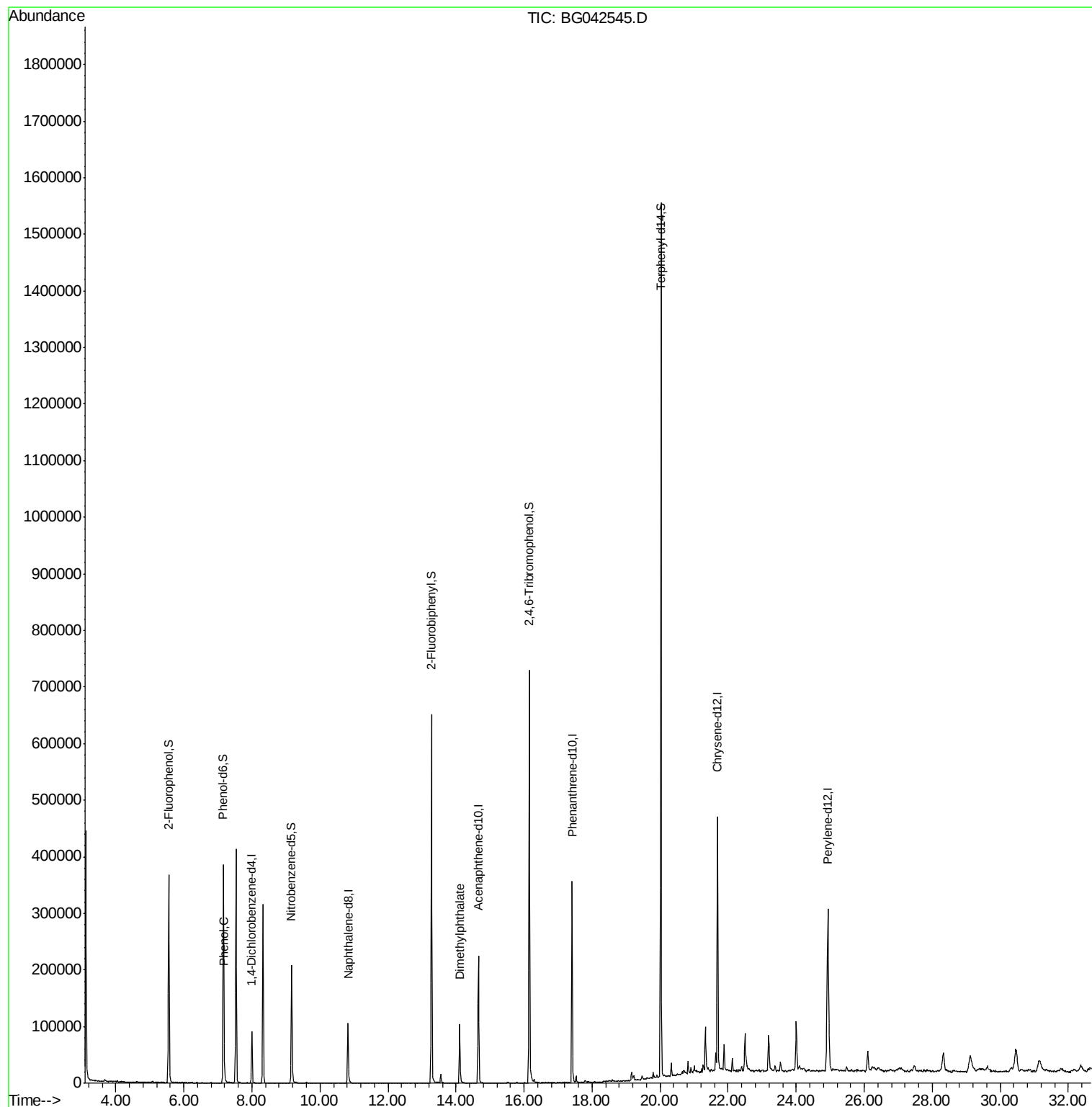
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	31508	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	119390	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	95771	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	254707	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	296893	20.00	ng	-0.01
87) Perylene-d12	24.93	264	353021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	194942	125.31	ng	-0.01
7) Phenol-d6	7.16	99	258972	123.24	ng	-0.01
23) Nitrobenzene-d5	9.16	82	146315	84.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	198033	145.48	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	403062	71.18	ng	0.00
79) Terphenyl-d14	20.02	244	856982	62.40	ng	0.00
Target Compounds						
10) Phenol	7.18	94	6078	2.845	ng	Qvalue # 62
50) Dimethylphthalate	14.11	163	105091	15.208	ng	97

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

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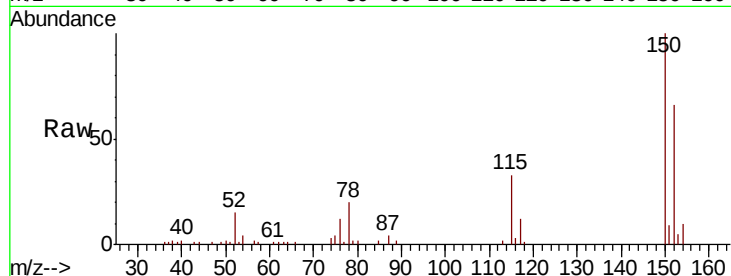


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-20-22

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	125.4	188.0
115	49.6	38.5	57.7

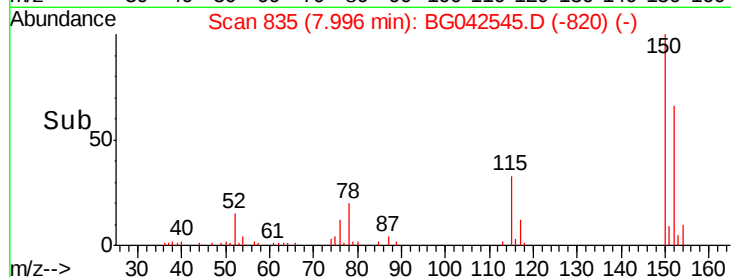
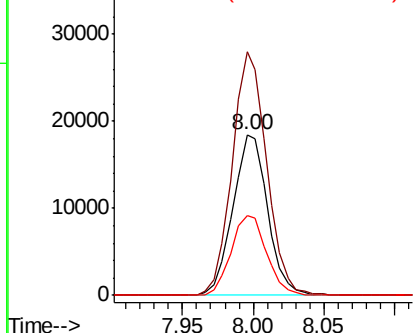


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

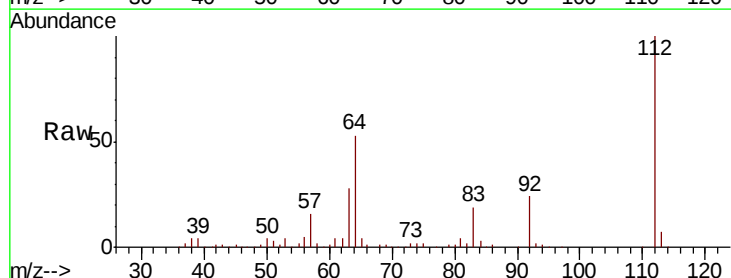
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 125.306 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.8	64.2
63	28.2	22.7	34.1

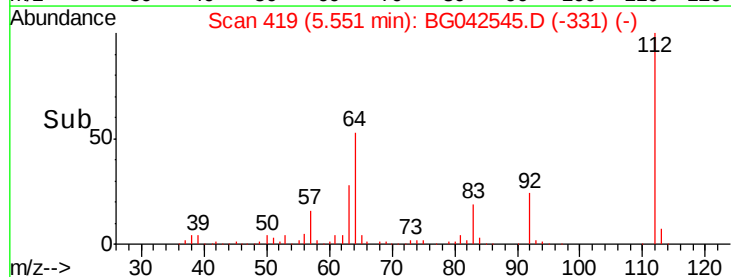
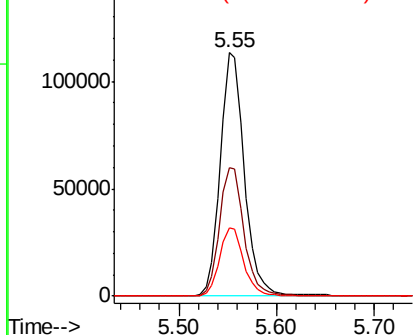


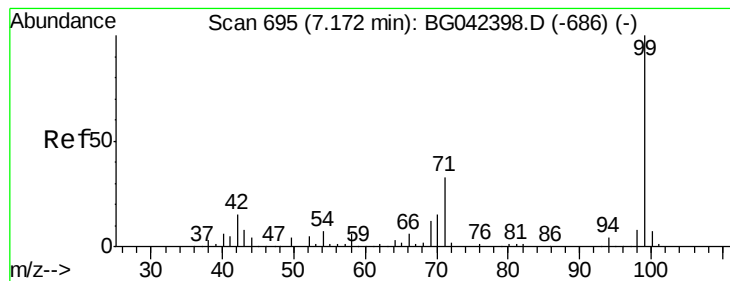
Abundance

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: 123.236 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

Instrument :

BNA_G

ClientSampleId :

SB-1-20-22

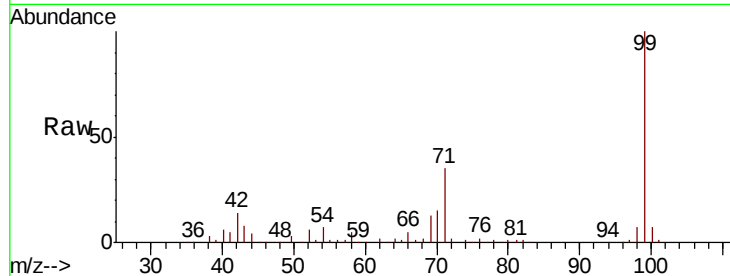
Tot Ion: 99 Resp: 258972

Ion Ratio Lower Upper

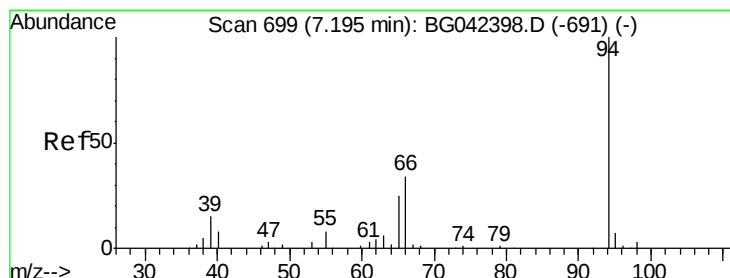
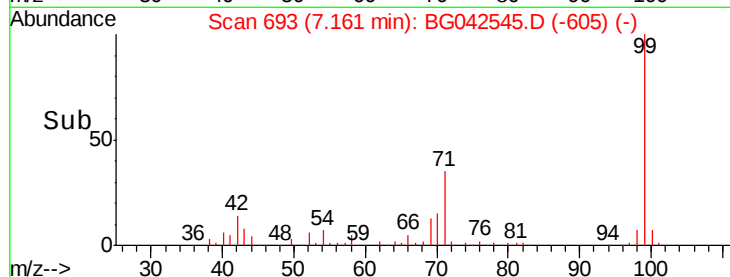
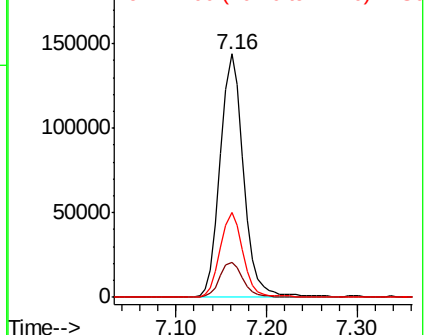
99 100

42 14.4 12.0 18.0

71 35.0 26.3 39.5



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



#10

Phenol

Concen: 2.845 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

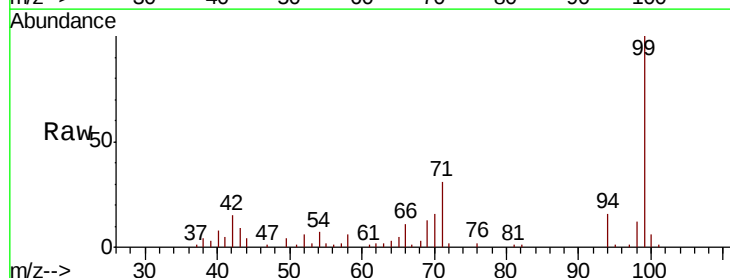
Tgt Ion: 94 Resp: 6078

Ion Ratio Lower Upper

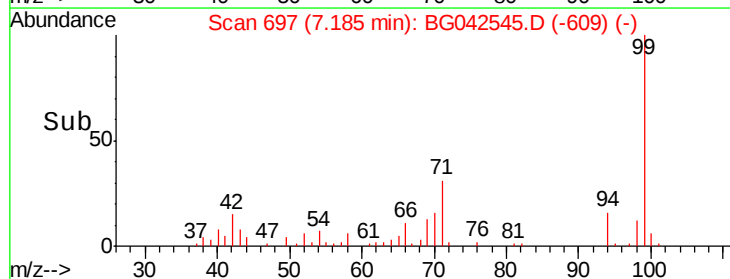
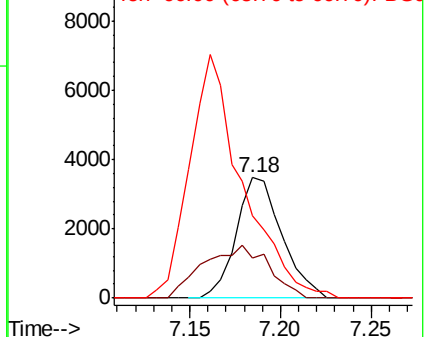
94 100

65 32.9 5.6 45.6

66 68.4 16.0 56.0#



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: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

Instrument :

BNA_G

ClientSampleId :

SB-1-20-22

Tot Ion:136 Resp: 119390

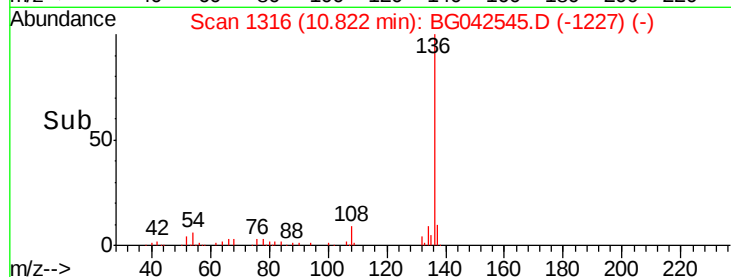
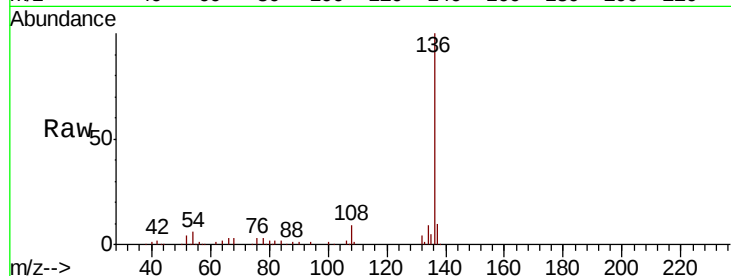
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.3 4.9 7.3

68 3.4 3.6 5.4#

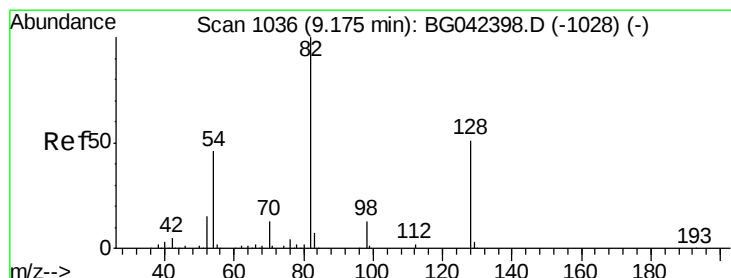
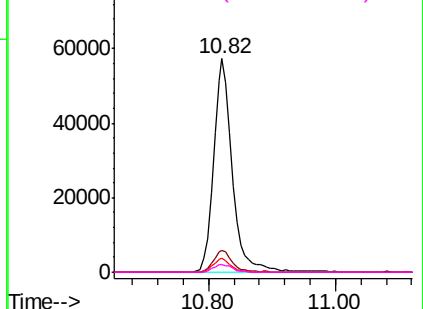


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 84.688 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

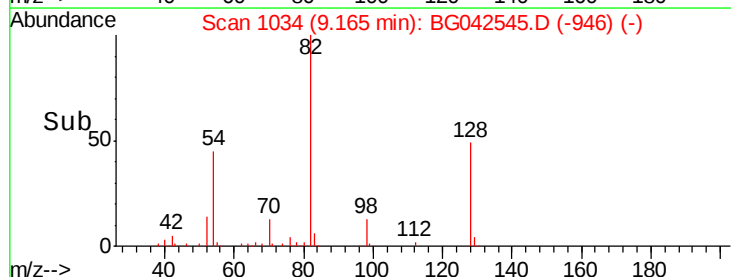
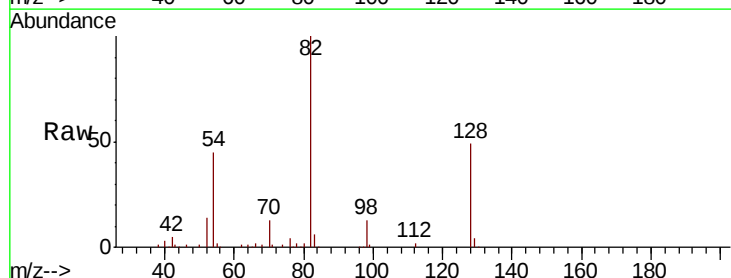
Tgt Ion: 82 Resp: 146315

Ion Ratio Lower Upper

82 100

128 49.3 40.7 61.1

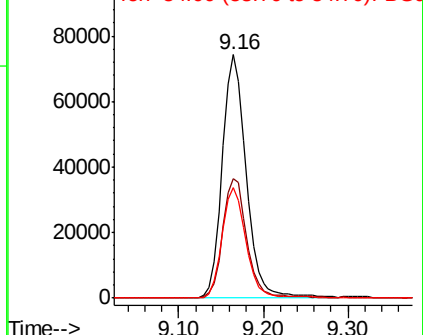
54 45.5 36.3 54.5



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

Instrument :

BNA_G

ClientSampleId :

SB-1-20-22

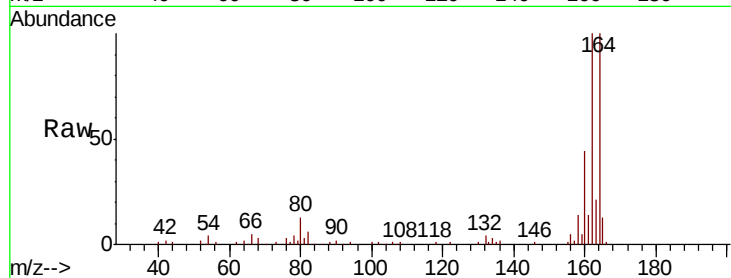
Tot Ion:164 Resp: 95771

Ion Ratio Lower Upper

164 100

162 99.5 79.9 119.9

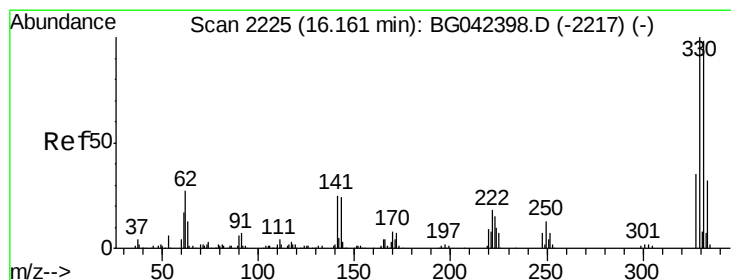
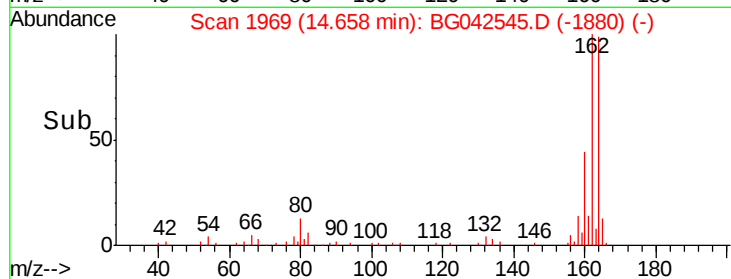
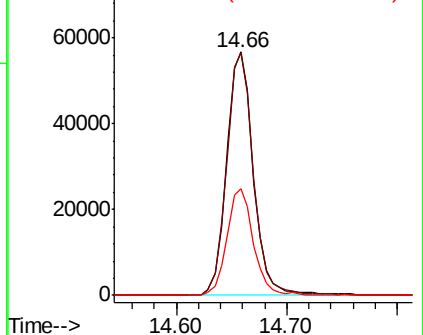
160 43.6 34.3 51.5



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: 145.481 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

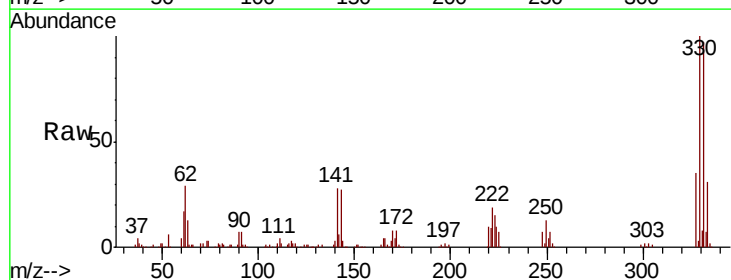
Tgt Ion:330 Resp: 198033

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

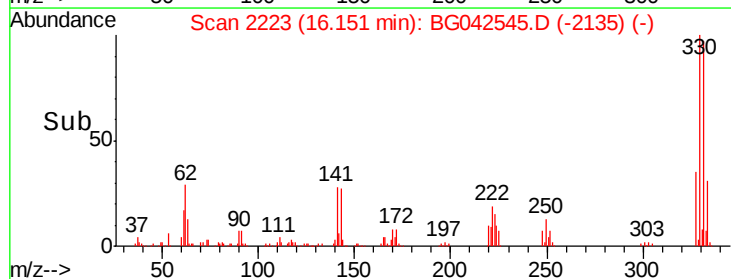
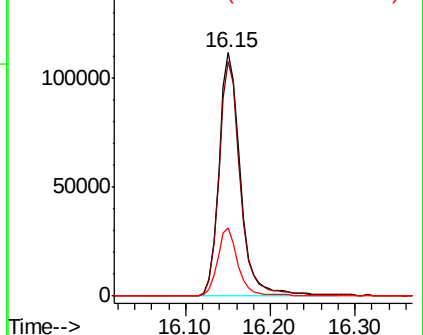
141 26.9 21.4 32.0



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

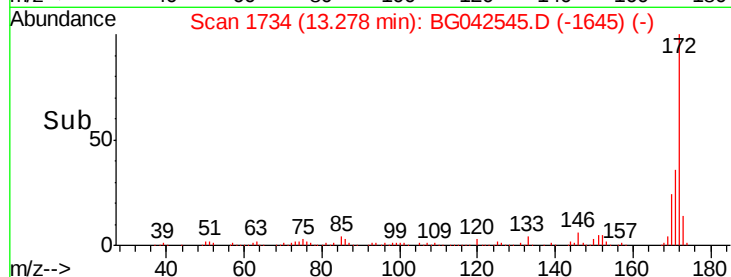
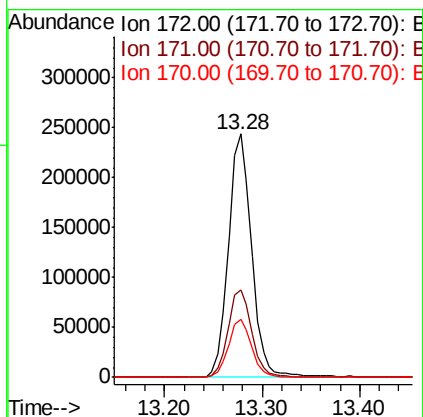
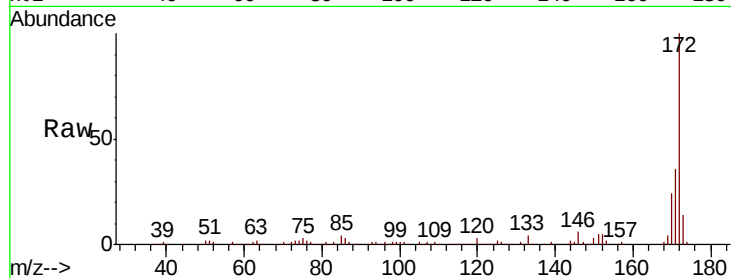




#45
 2-Fluorobiphenyl
 Concen: 71.179 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

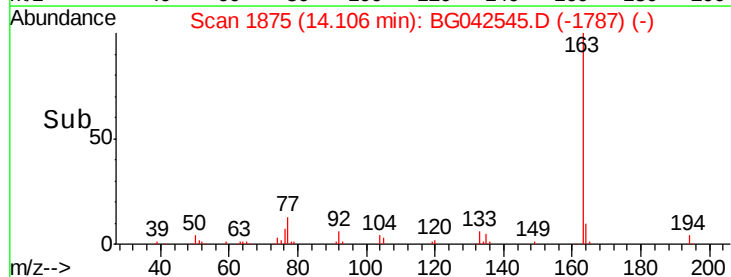
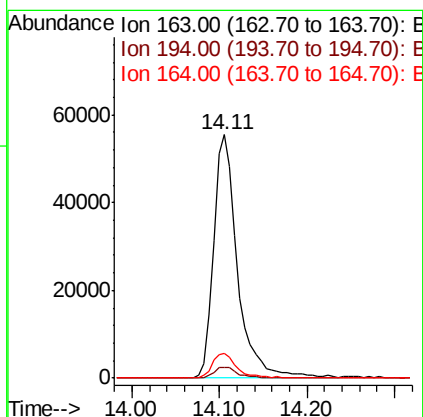
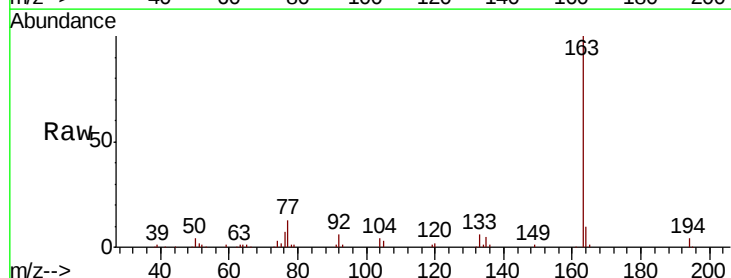
Instrument :
 BNA_G
 ClientSampleId :
 SB-1-20-22

Tot Ion:172 Resp: 403062
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.5 45.7
 170 23.9 20.2 30.2



#50
 Dimethylphthalate
 Concen: 15.208 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

Tgt Ion:163 Resp: 105091
 Ion Ratio Lower Upper
 163 100
 194 4.3 4.2 6.2
 164 10.1 8.8 13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

Instrument :

BNA_G

ClientSampleId :

SB-1-20-22

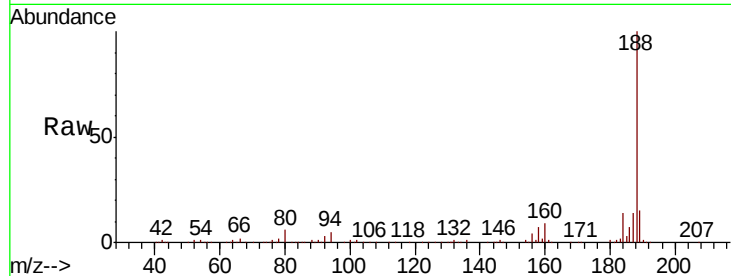
Tot Ion:188 Resp: 254707

Ion Ratio Lower Upper

188 100

94 5.4 4.5 6.7

80 6.1 4.9 7.3



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

200000

150000

100000

50000

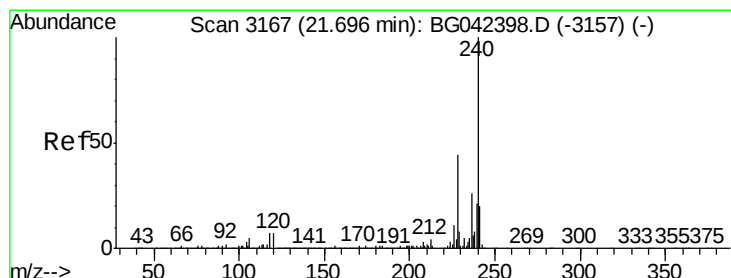
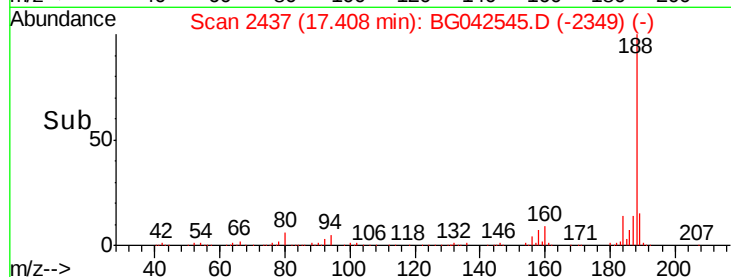
0

17.41

17.40

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

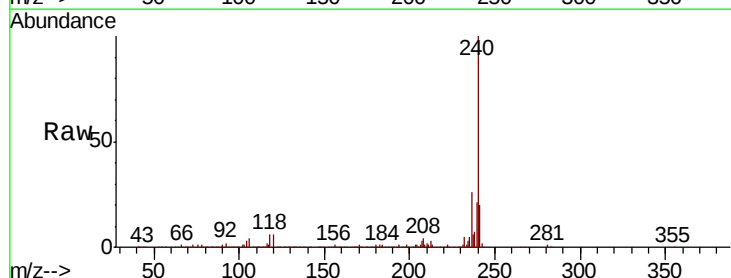
Tgt Ion:240 Resp: 296893

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

236 26.4 21.0 31.4



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

200000

150000

100000

50000

0

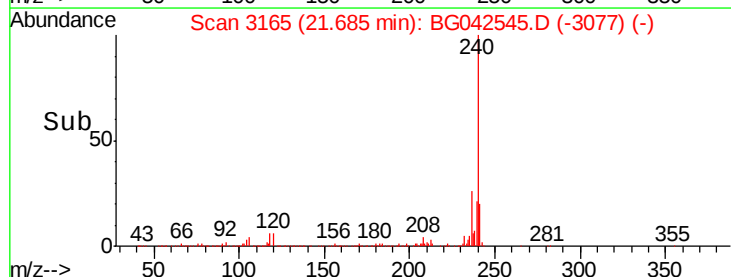
21.69

21.60

21.70

21.80

Time-->





#79

Terphenyl-d14

Concen: 62.404 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

Instrument :

BNA_G

ClientSampleId :

SB-1-20-22

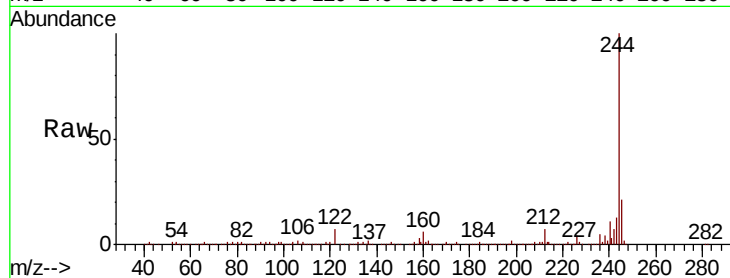
Tot Ion:244 Resp: 856982

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

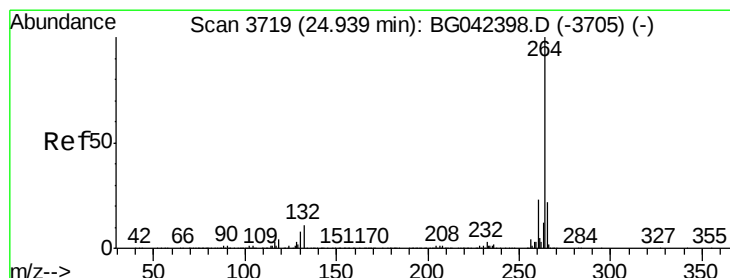
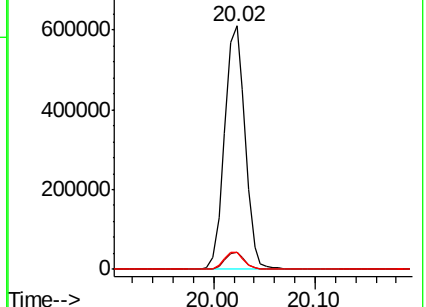
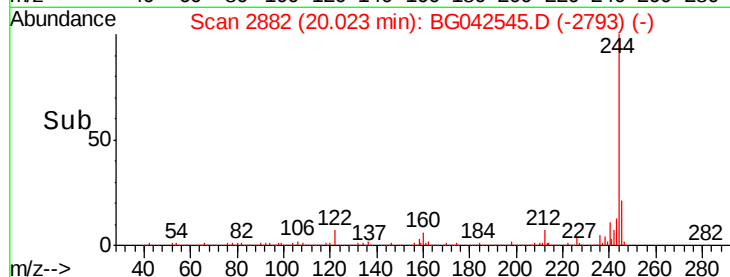
122 6.8 6.7 10.1



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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

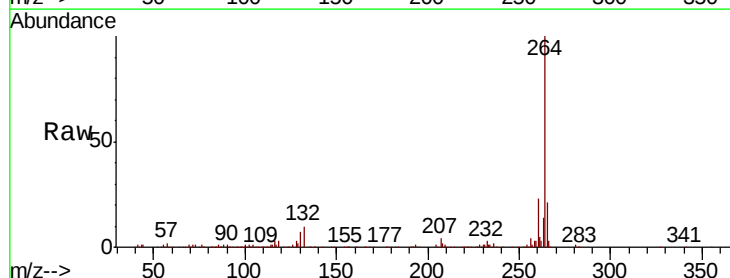
Tgt Ion:264 Resp: 353021

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.3 17.6 26.4



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

