

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042613.D
 Acq On : 30 Aug 2019 23:11
 Operator : HP/JU
 Sample : K4618-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4-26-28

Quant Time: Aug 31 01:48:56 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

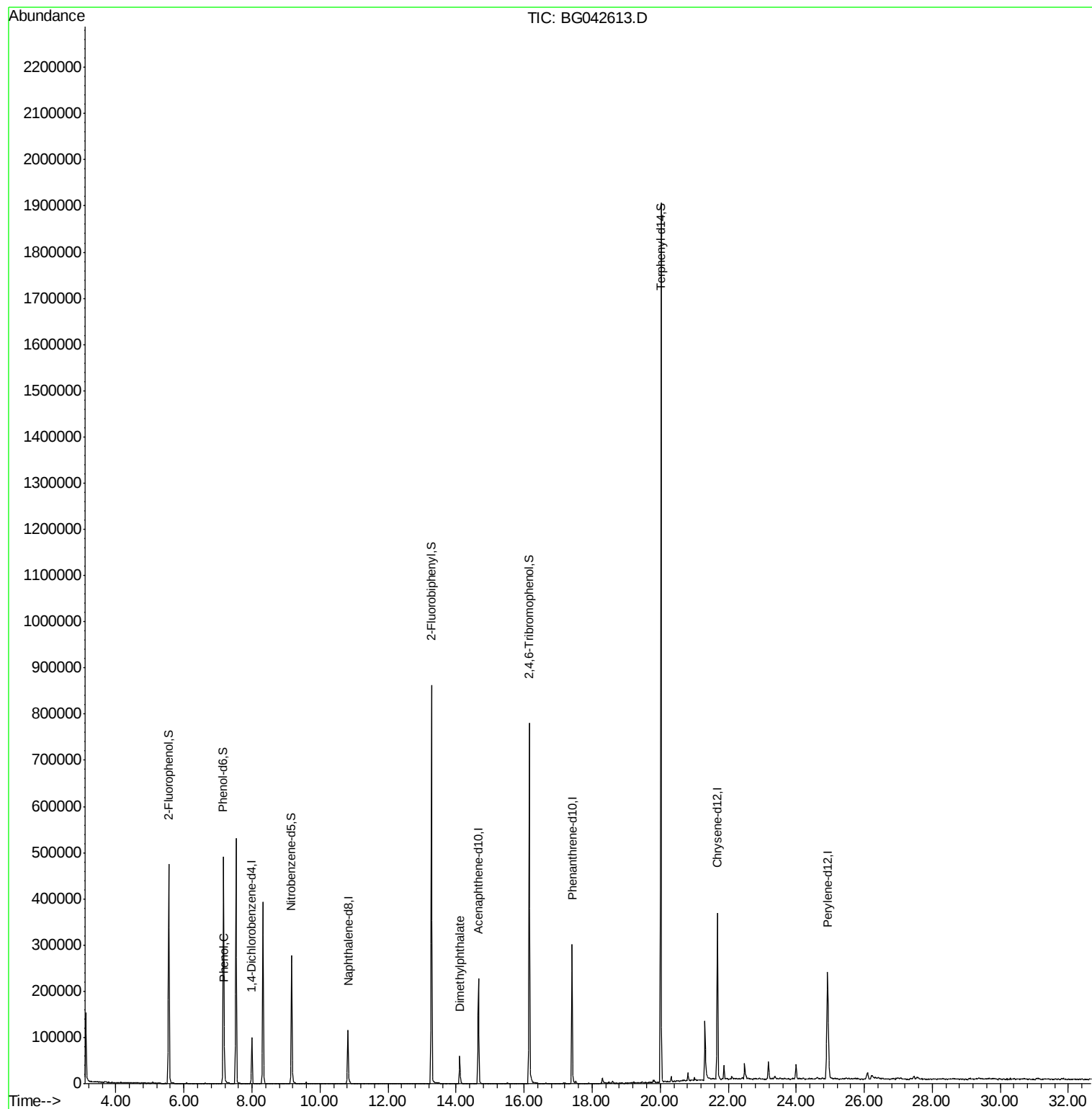
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33120	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	128879	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97334	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	226871	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	242375	20.00	ng	-0.01
87) Perylene-d12	24.92	264	282446	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	241898	147.92	ng	0.00
7) Phenol-d6	7.16	99	323911	146.64	ng	-0.01
23) Nitrobenzene-d5	9.16	82	183517	98.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	205896	148.83	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	533629	92.72	ng	0.00
79) Terphenyl-d14	20.02	244	1024029	91.34	ng	0.00
Target Compounds						
10) Phenol	7.19	94	26821	11.942	ng	91
50) Dimethylphthalate	14.10	163	58978	8.398	ng	99

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

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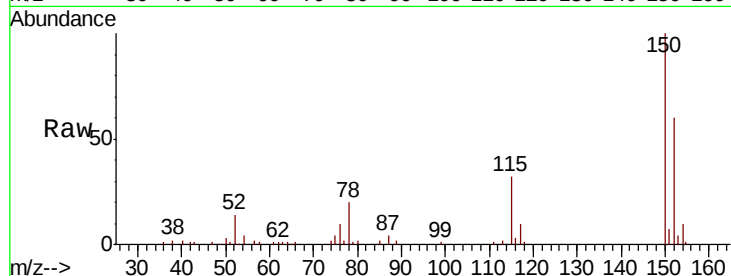


#1

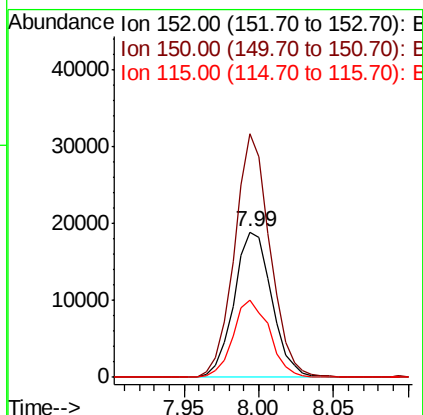
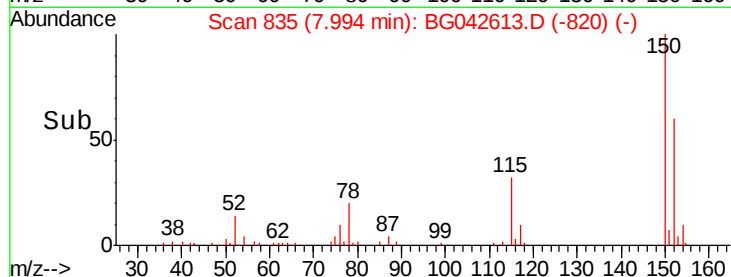
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-4-26-28

Tot Ion:152 Resp: 33120
Ion Ratio Lower Upper
152 100
150 167.8 125.4 188.0
115 53.4 38.5 57.7



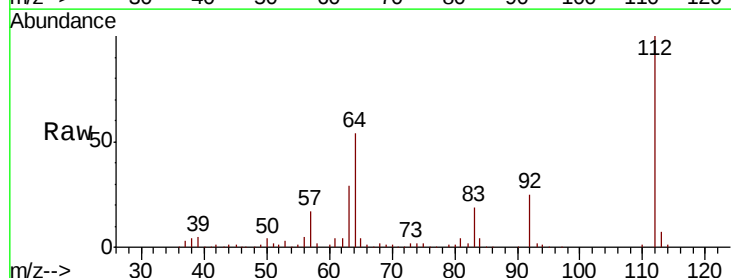
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



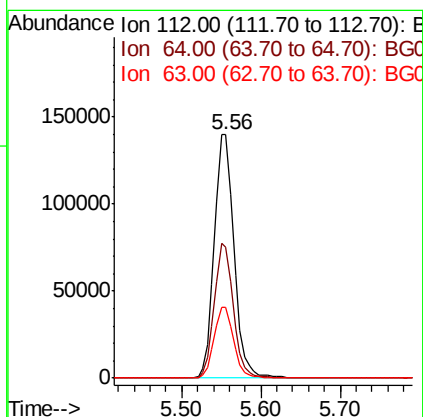
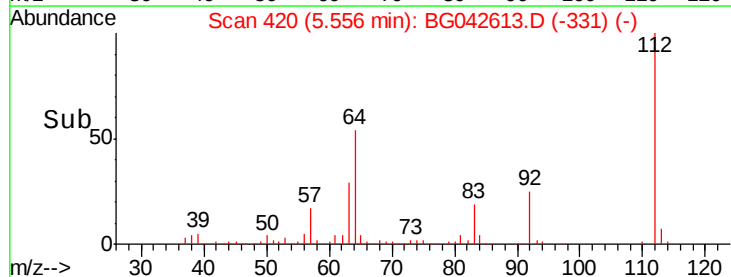
#5

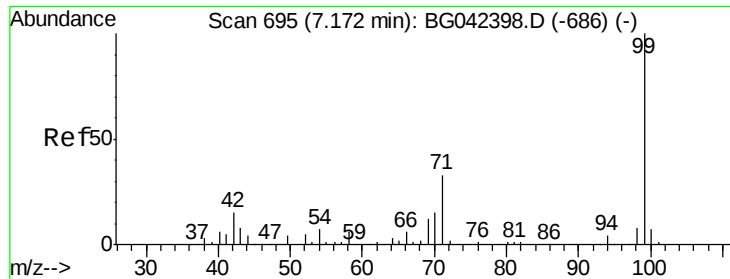
2-Fluorophenol
Concen: 147.921 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

Tgt Ion:112 Resp: 241898
Ion Ratio Lower Upper
112 100
64 53.5 42.8 64.2
63 28.9 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: 146.636 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

Instrument :

BNA_G

ClientSampleId :

SB-4-26-28

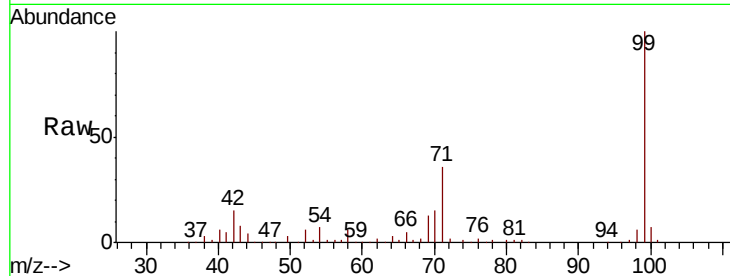
Tot Ion: 99 Resp: 323911

Ion Ratio Lower Upper

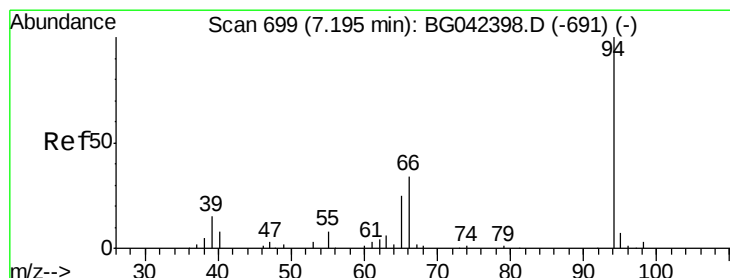
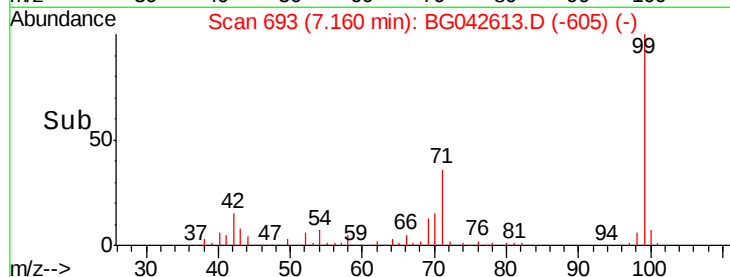
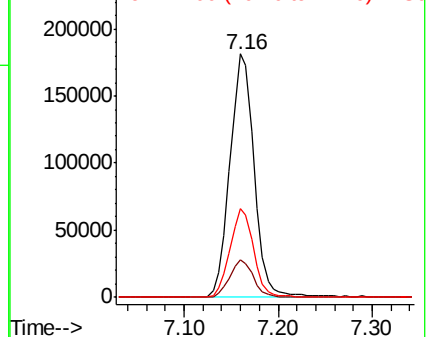
99 100

42 15.4 12.0 18.0

71 36.2 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: 11.942 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

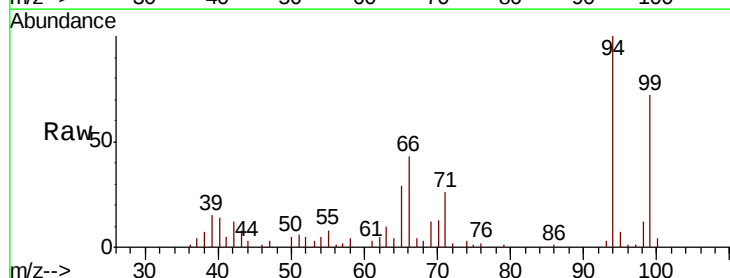
Tgt Ion: 94 Resp: 26821

Ion Ratio Lower Upper

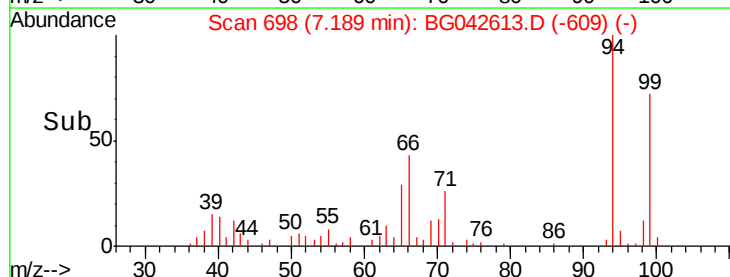
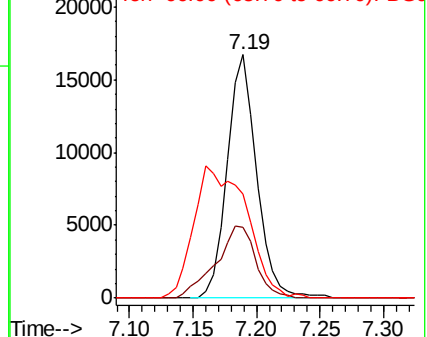
94 100

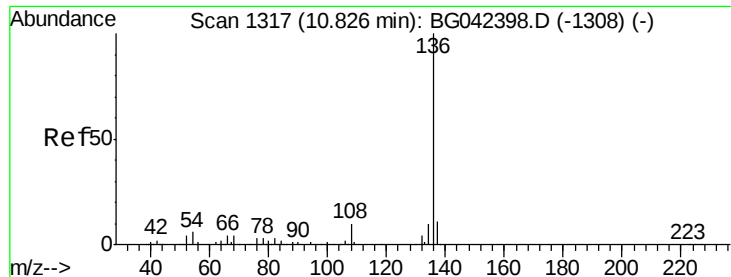
65 28.9 5.6 45.6

66 42.8 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

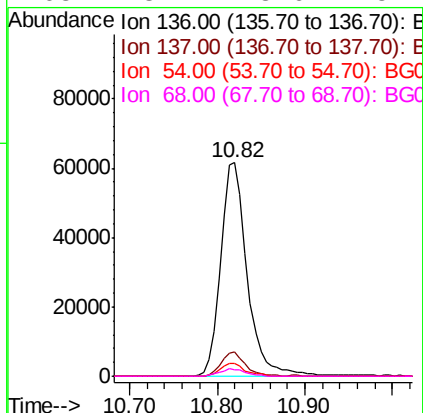
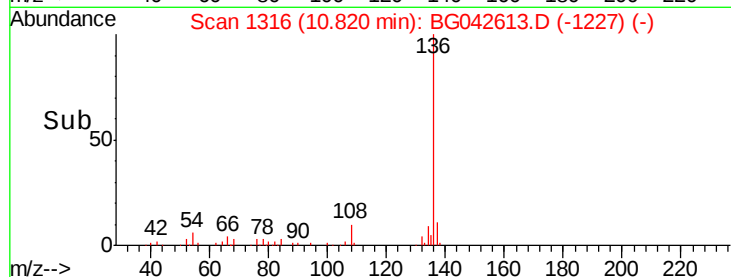
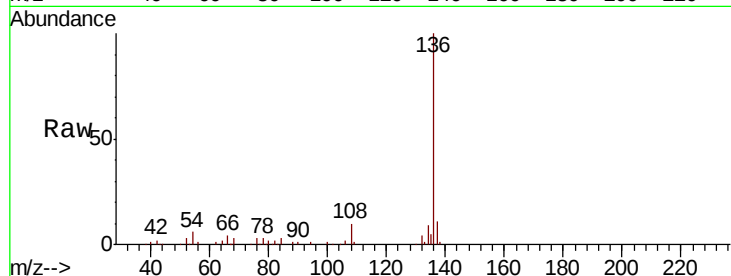




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

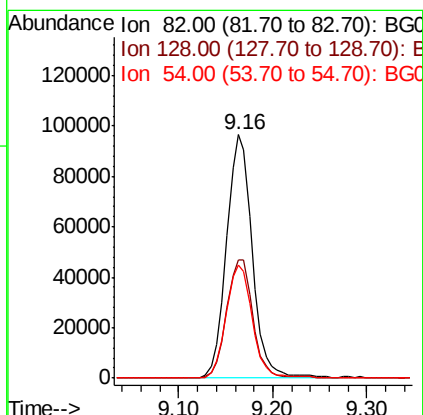
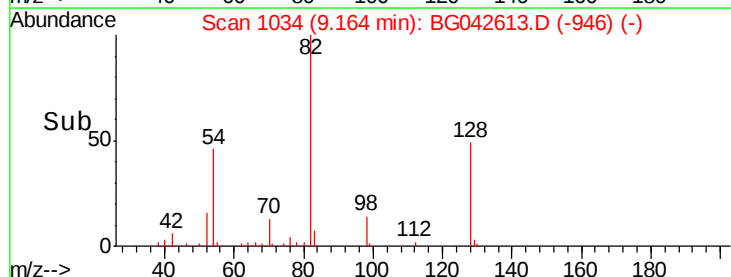
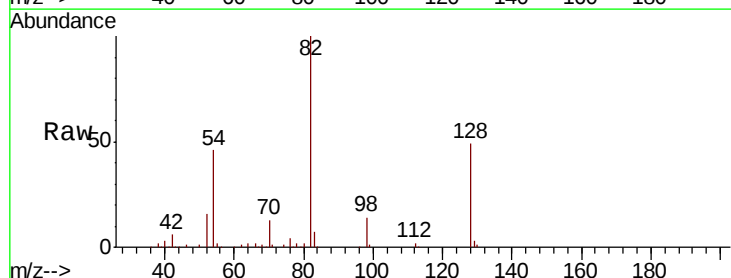
Instrument :
BNA_G
ClientSampleId :
SB-4-26-28

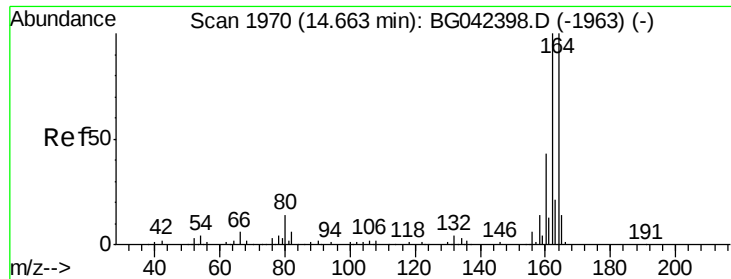
Tot Ion:136	Resp:	128879
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.7	13.1
54 6.1	4.9	7.3
68 3.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 98.400 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

Tgt	Ion: 82	Resp:	183517
Ion	Ratio	Lower	Upper
82	100		
128	48.7	40.7	61.1
54	46.2	36.3	54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

Instrument :

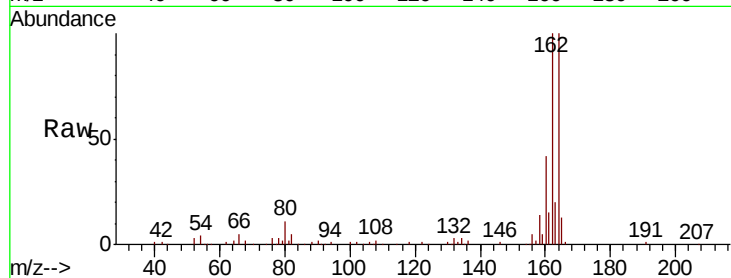
BNA_G

ClientSampleId :

SB-4-26-28

Tot Ion:164 Resp: 97334

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	42.0	34.3	51.5

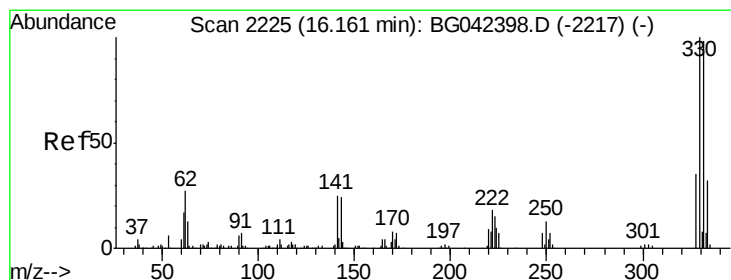
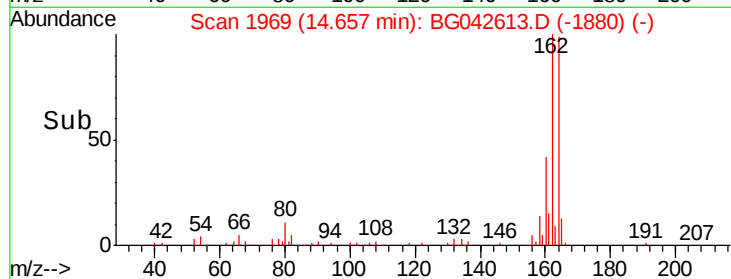
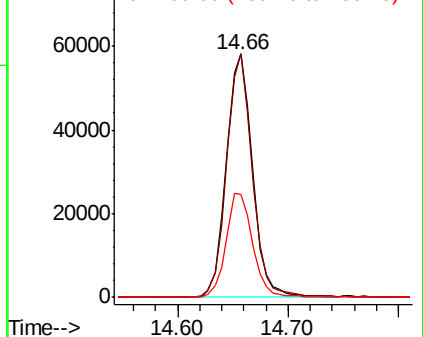


Abundance

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: 148.829 ng

RT: 16.15 min Scan# 2223

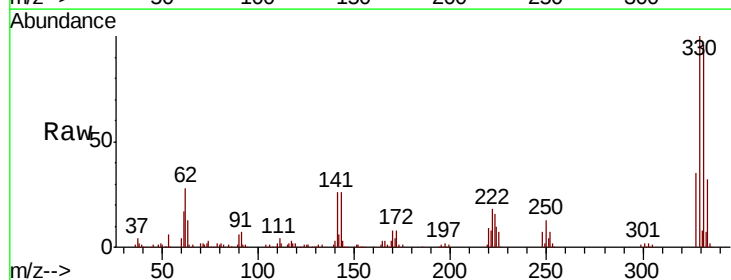
Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

Tgt Ion:330 Resp: 205896

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	27.2	21.4	32.0

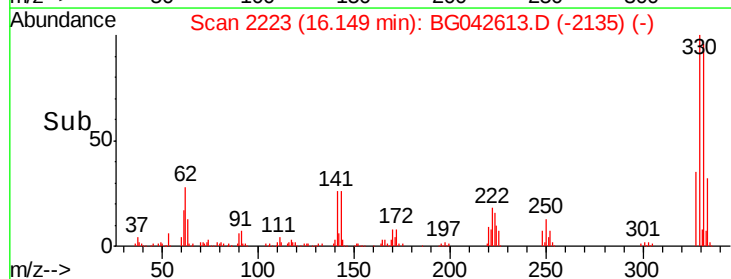
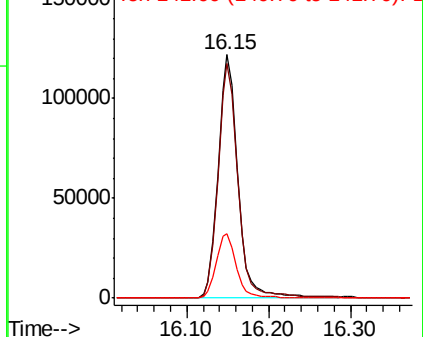


Abundance

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

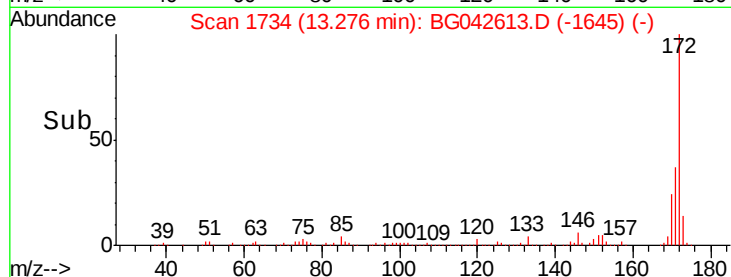
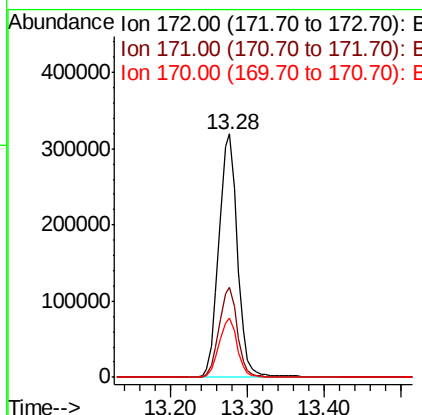
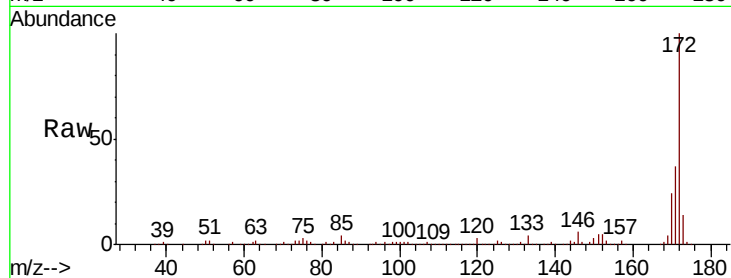




#45
2-Fluorobiphenyl
Concen: 92.724 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

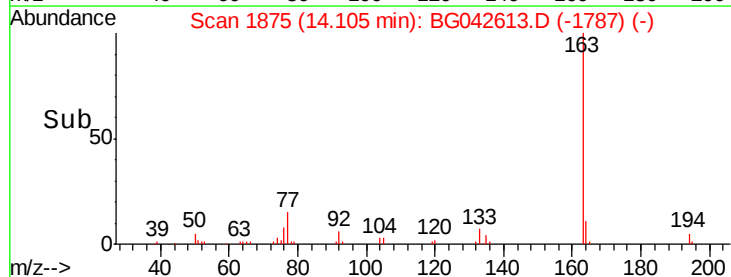
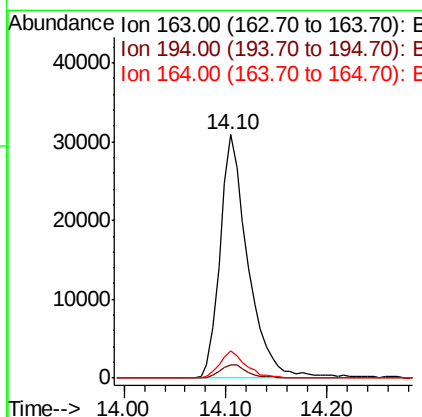
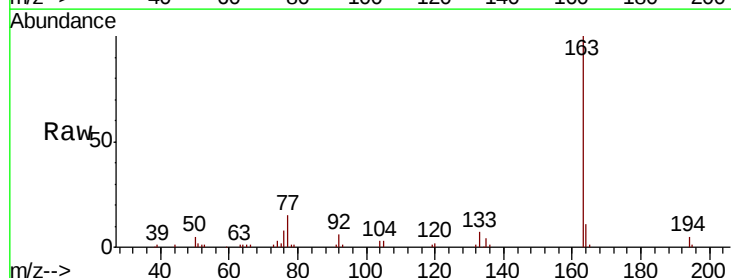
Instrument :
BNA_G
ClientSampleId :
SB-4-26-28

Tot Ion:172 Resp: 533629
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.4 20.2 30.2



#50
Dimethylphthalate
Concen: 8.398 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

Tgt Ion:163 Resp: 58978
Ion Ratio Lower Upper
163 100
194 5.4 4.2 6.2
164 11.2 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: BG042613.D

Acq: 30 Aug 2019 23:11

Instrument :

BNA_G

ClientSampleId :

SB-4-26-28

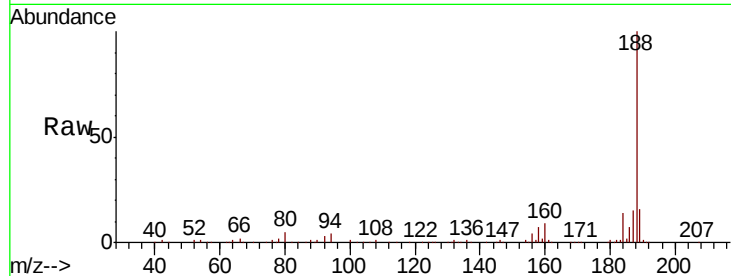
Tot Ion:188 Resp: 226871

Ion Ratio Lower Upper

188 100

94 4.4 4.5 6.7#

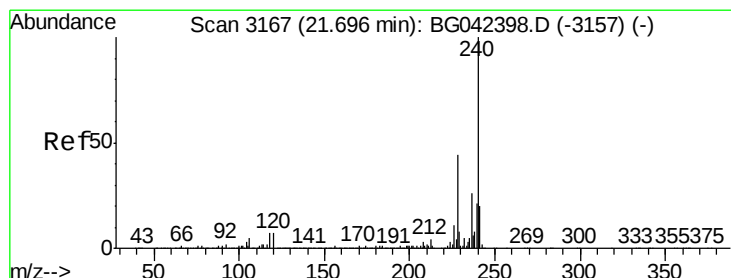
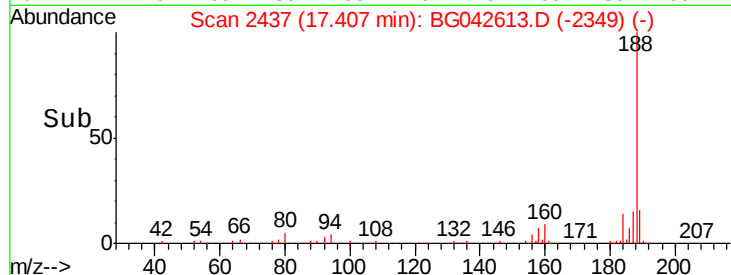
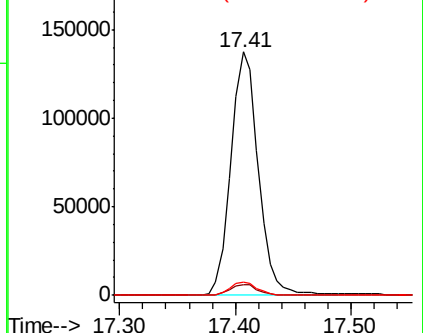
80 5.3 4.9 7.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

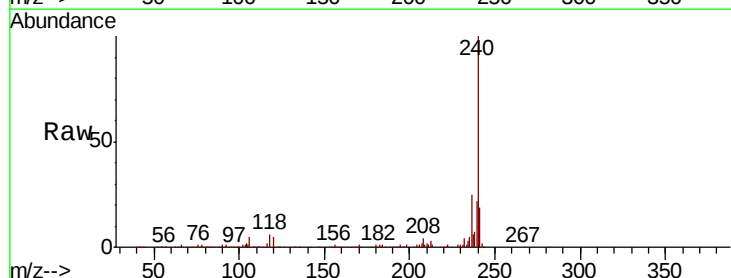
Tgt Ion:240 Resp: 242375

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

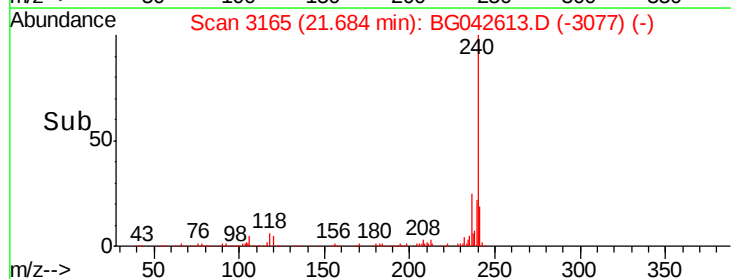
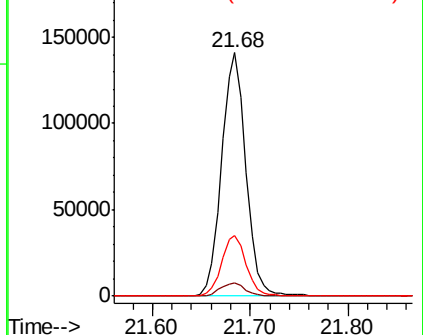
236 25.0 21.0 31.4



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





#79

Terphenyl-d14

Concen: 91.341 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

Instrument :

BNA_G

ClientSampleId :

SB-4-26-28

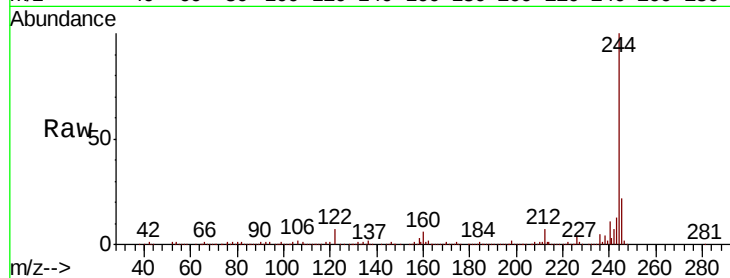
Tot Ion:244 Resp: 1024029

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

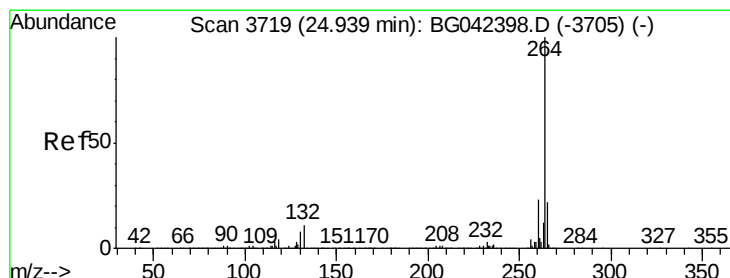
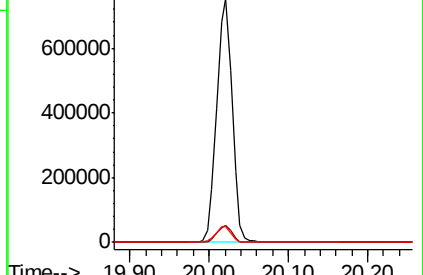
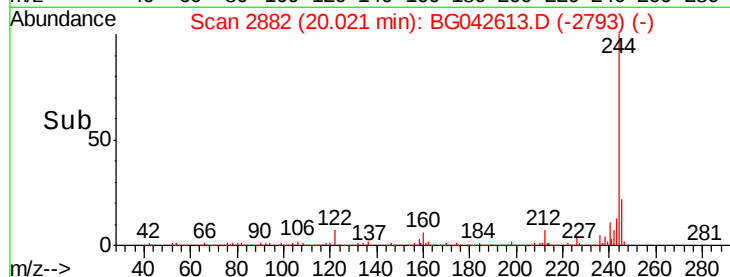
122 6.6 6.7 10.1#



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

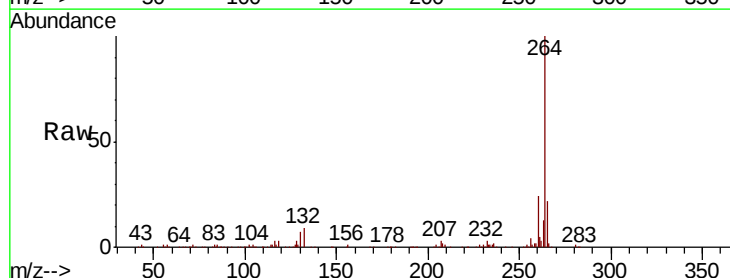
Tgt Ion:264 Resp: 282446

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.8 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

