

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042620.D
 Acq On : 31 Aug 2019 3:40
 Operator : HP/JU
 Sample : K4591-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-25-27

Quant Time: Aug 31 05:25:39 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

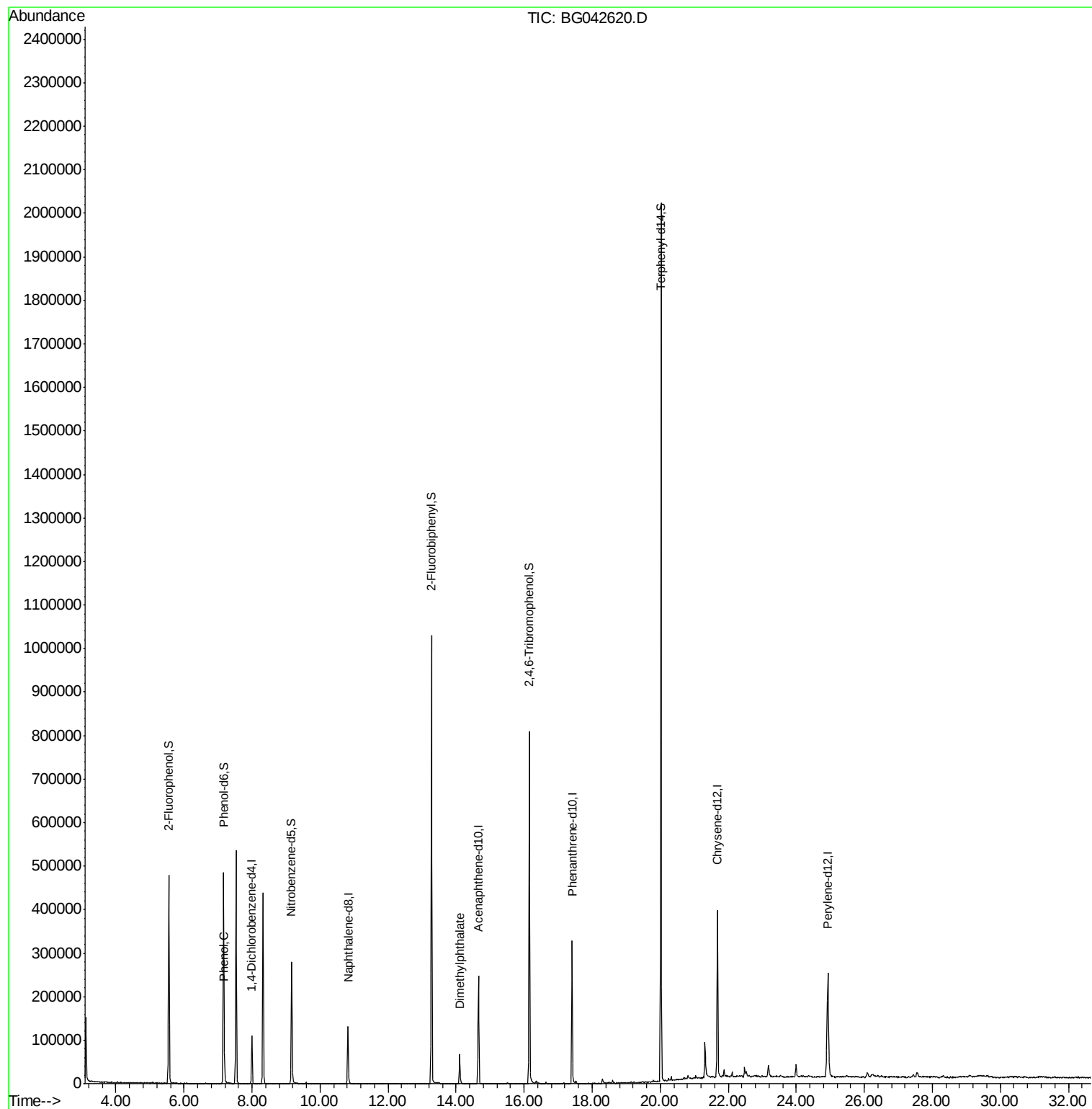
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37296	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	140128	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	104551	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	237518	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	248949	20.00	ng	-0.01
87) Perylene-d12	24.92	264	291632	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	238169	129.33	ng	0.00
7) Phenol-d6	7.16	99	318288	127.96	ng	0.00
23) Nitrobenzene-d5	9.16	82	181339	89.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	209121	140.73	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	606356	98.09	ng	0.00
79) Terphenyl-d14	20.02	244	1049762	91.16	ng	0.00
Target Compounds						
10) Phenol	7.19	94	16044	6.344	ng	80
50) Dimethylphthalate	14.10	163	65563	8.691	ng	99

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

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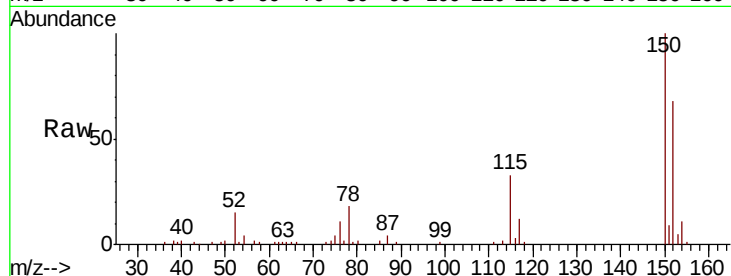


#1

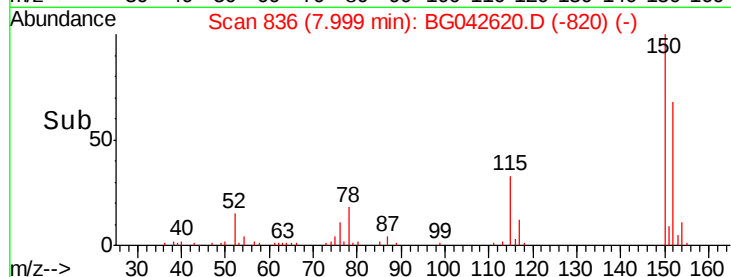
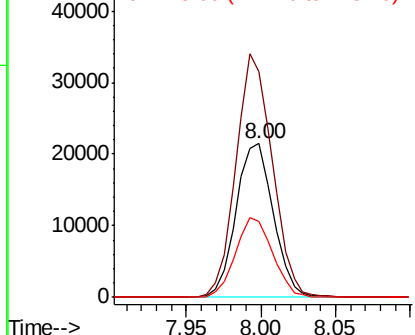
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

Instrument :
BNA_G
ClientSampleId :
SB-3-25-27

Tot Ion:152 Resp: 37296
Ion Ratio Lower Upper
152 100
150 147.2 125.4 188.0
115 49.0 38.5 57.7



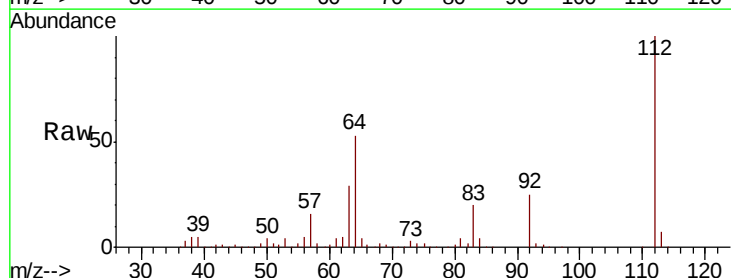
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



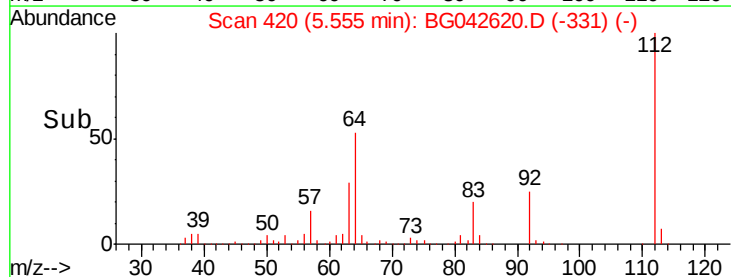
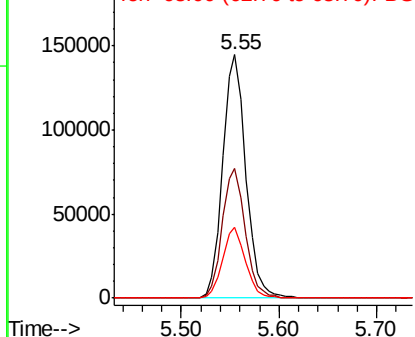
#5

2-Fluorophenol
Concen: 129.333 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

Tgt Ion:112 Resp: 238169
Ion Ratio Lower Upper
112 100
64 53.3 42.8 64.2
63 29.2 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: 127.957 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042620.D

Acq: 31 Aug 2019 3:40

Instrument :

BNA_G

ClientSampleId :

SB-3-25-27

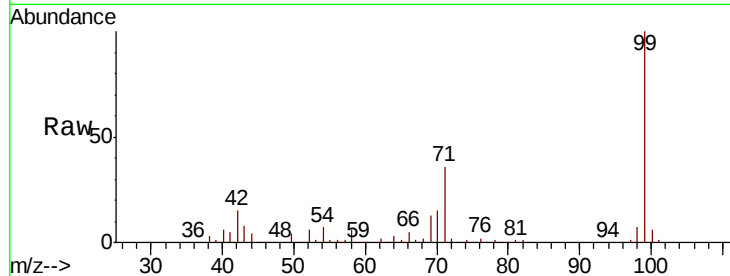
Tot Ion: 99 Resp: 318288

Ion Ratio Lower Upper

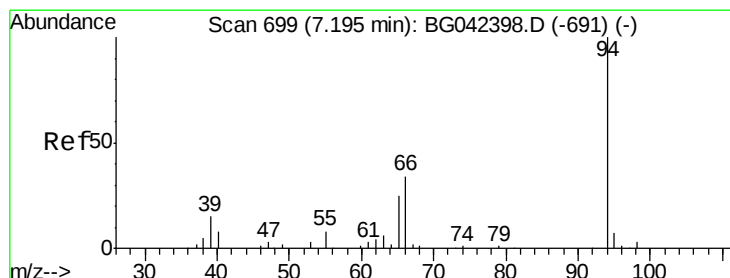
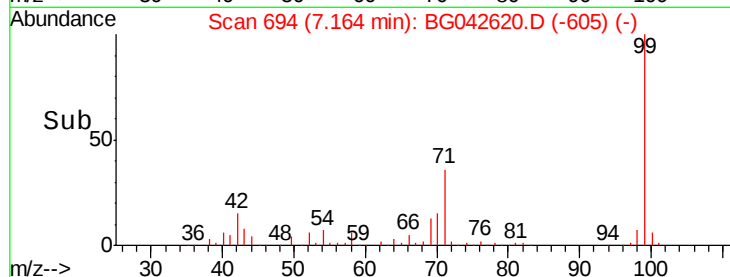
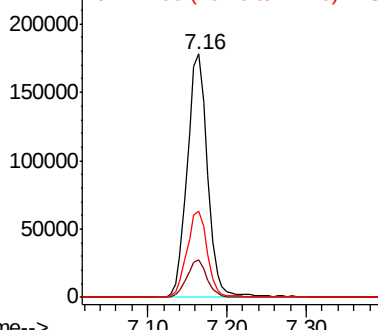
99 100

42 15.4 12.0 18.0

71 35.5 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: 6.344 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042620.D

Acq: 31 Aug 2019 3:40

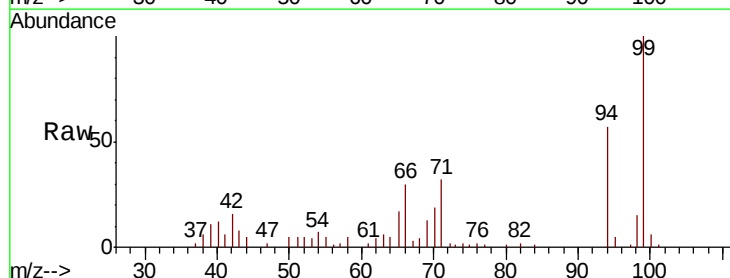
Tgt Ion: 94 Resp: 16044

Ion Ratio Lower Upper

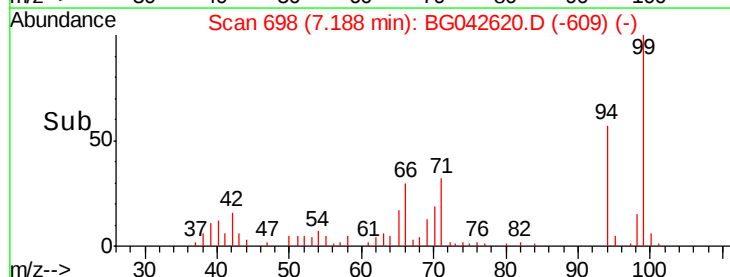
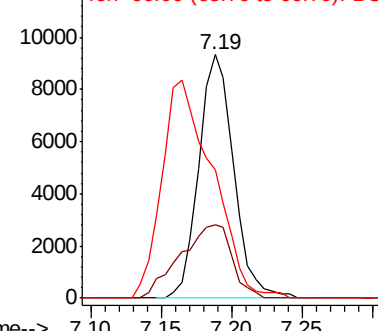
94 100

65 30.4 5.6 45.6

66 52.5 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

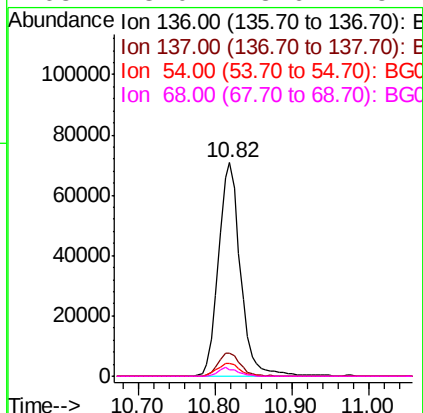
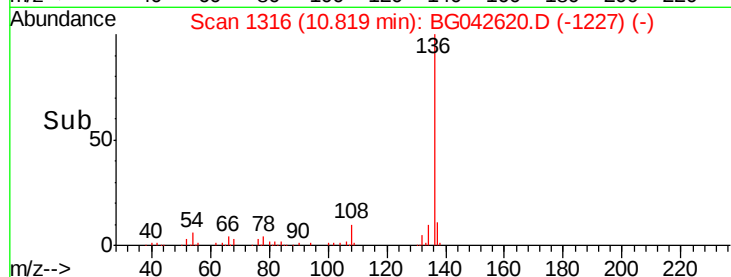
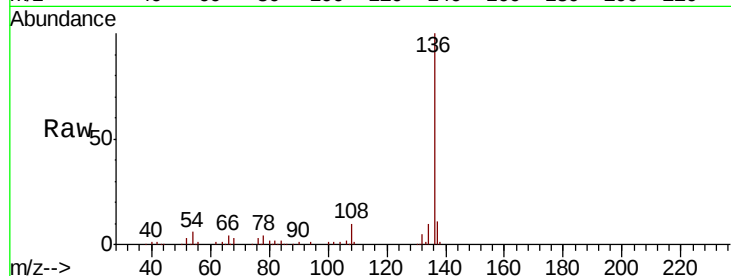




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

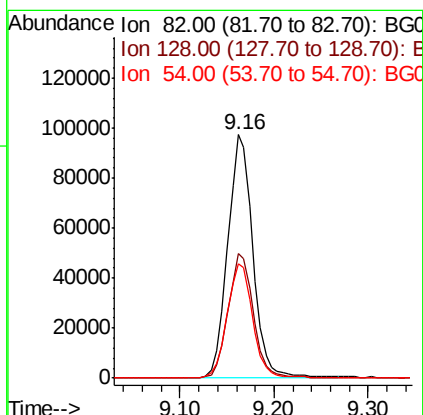
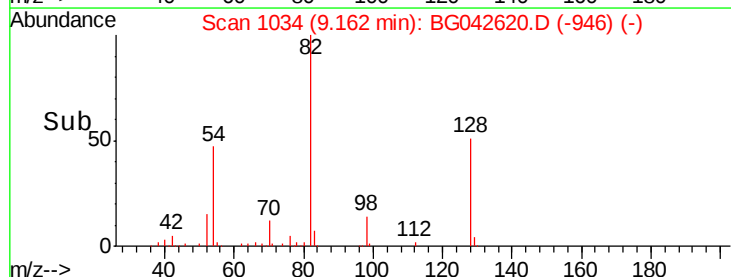
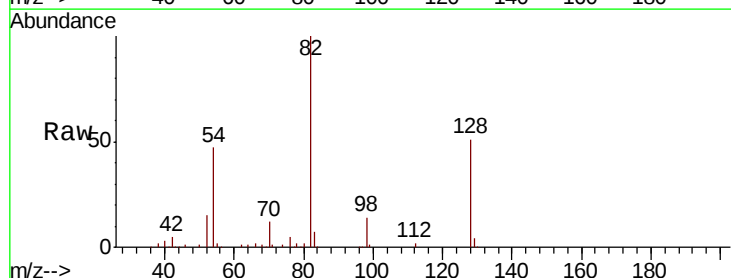
Instrument :
BNA_G
ClientSampled :
SB-3-25-27

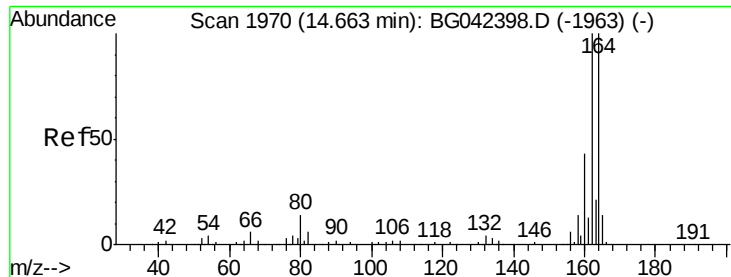
Tot Ion:136	Resp:	140128
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	6.1	4.9 7.3
68	3.0	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 89.427 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

Tgt Ion: 82	Resp:	181339
Ion	Ratio	Lower Upper
82	100	
128	51.1	40.7 61.1
54	47.0	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: BG042620.D

Acq: 31 Aug 2019 3:40

Instrument :

BNA_G

ClientSampleId :

SB-3-25-27

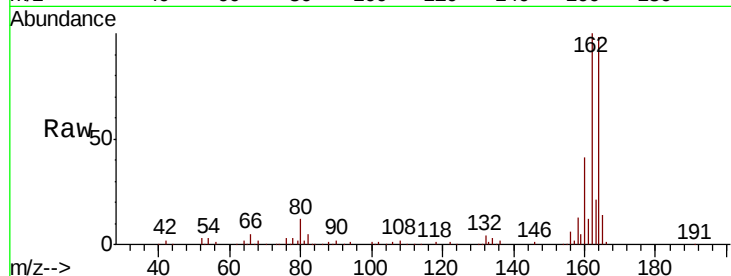
Tot Ion:164 Resp: 104551

Ion Ratio Lower Upper

164 100

162 102.1 79.9 119.9

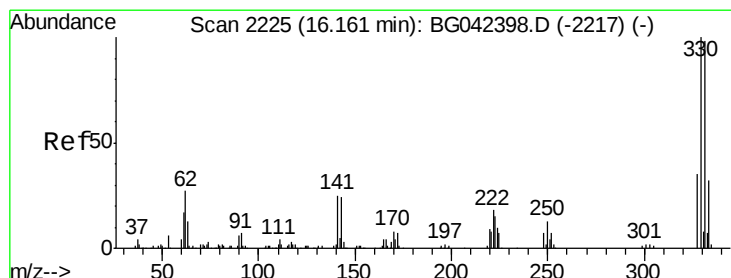
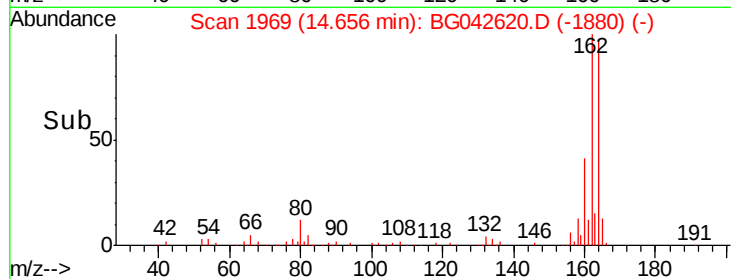
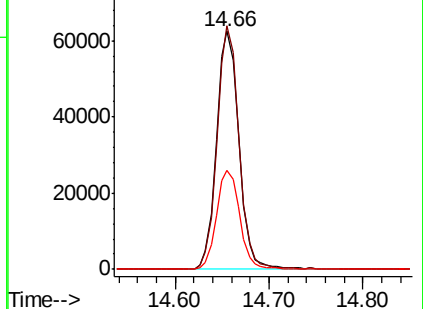
160 41.7 34.3 51.5



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: 140.725 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042620.D

Acq: 31 Aug 2019 3:40

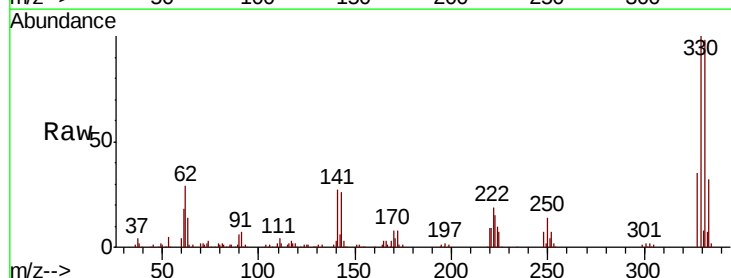
Tgt Ion:330 Resp: 209121

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

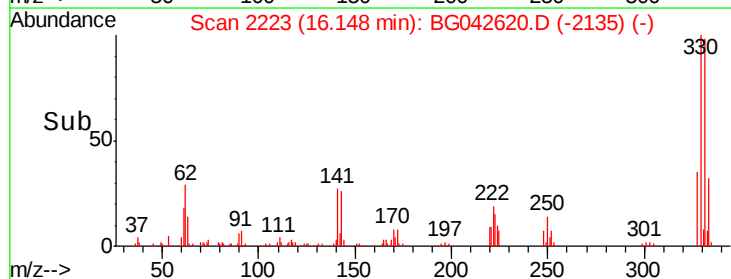
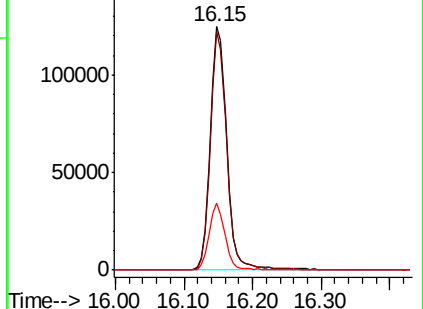
141 26.4 21.4 32.0



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

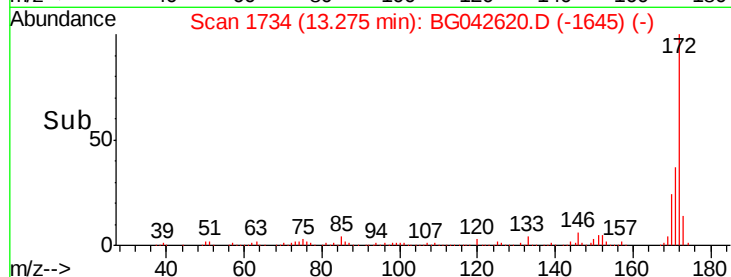
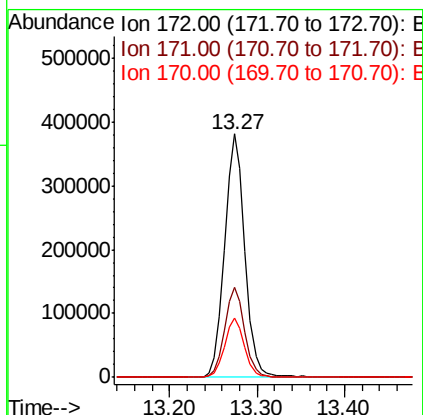
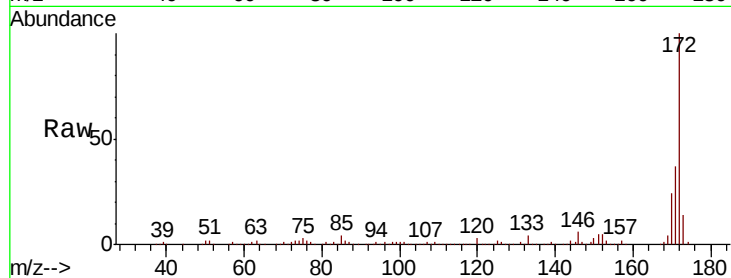




#45
 2-Fluorobiphenyl
 Concen: 98.088 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042620.D
 Acq: 31 Aug 2019 3:40

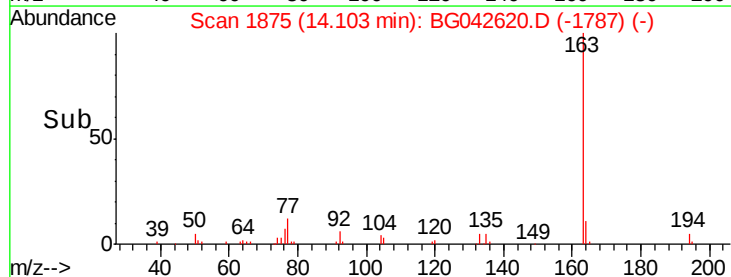
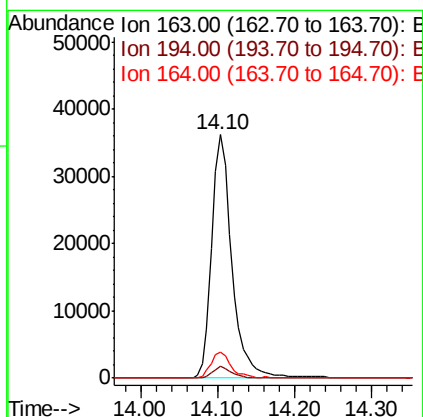
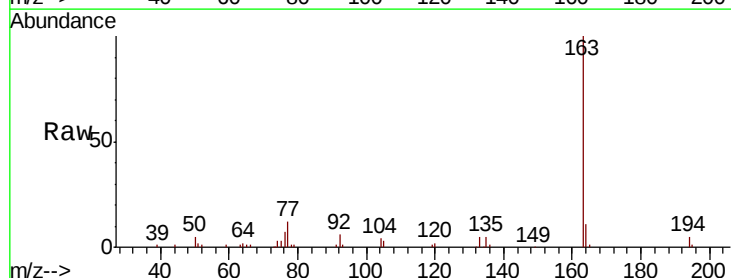
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-25-27

Tot Ion:172 Resp: 606356
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 24.2 20.2 30.2



#50
 Dimethylphthalate
 Concen: 8.691 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042620.D
 Acq: 31 Aug 2019 3:40

Tgt Ion:163 Resp: 65563
 Ion Ratio Lower Upper
 163 100
 194 4.8 4.2 6.2
 164 10.5 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: BG042620.D

Acq: 31 Aug 2019 3:40

Instrument :

BNA_G

ClientSampleId :

SB-3-25-27

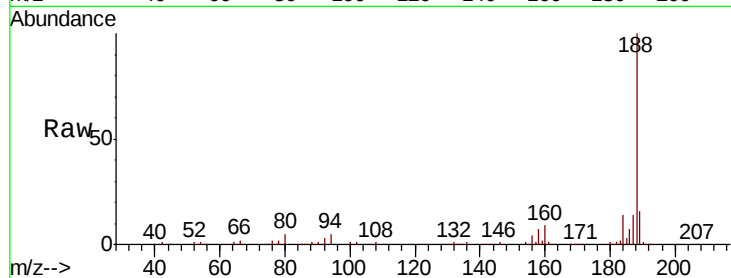
Tot Ion:188 Resp: 237518

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

80 5.1 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

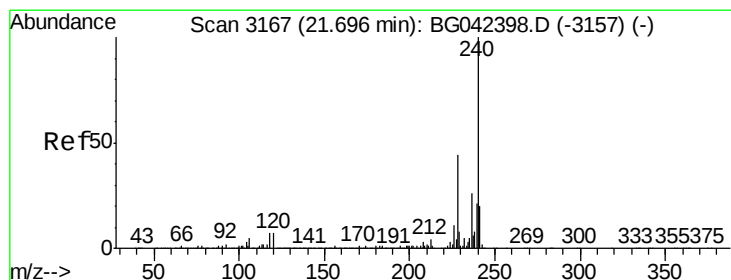
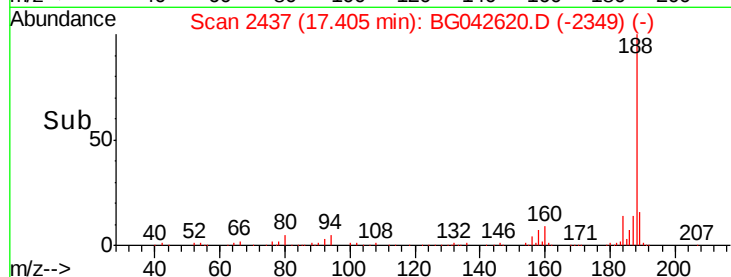
0

17.41

17.40

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042620.D

Acq: 31 Aug 2019 3:40

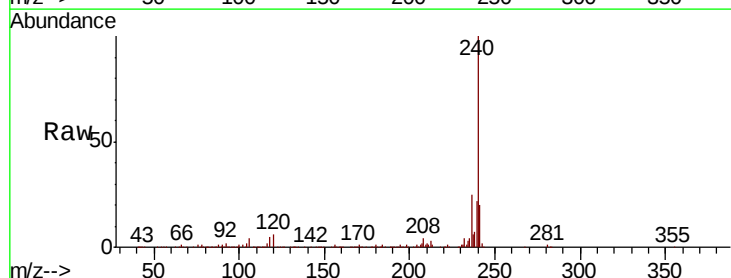
Tgt Ion:240 Resp: 248949

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

236 25.1 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

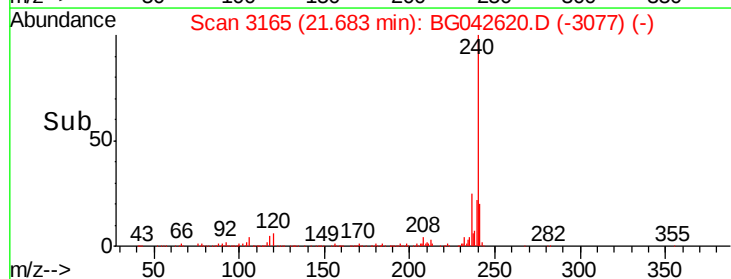
21.68

21.60

21.70

21.80

Time-->





#79

Terphenyl-d14

Concen: 91.163 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042620.D

Acq: 31 Aug 2019 3:40

Instrument :

BNA_G

ClientSampleId :

SB-3-25-27

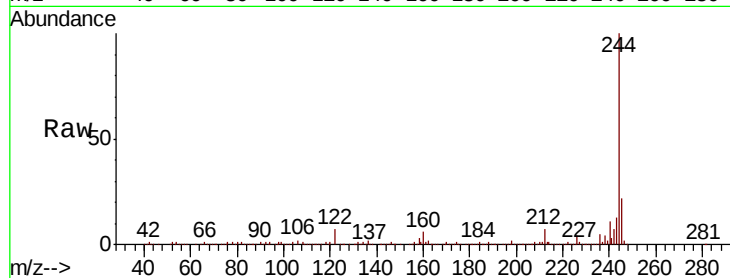
Tot Ion:244 Resp: 1049762

Ion Ratio Lower Upper

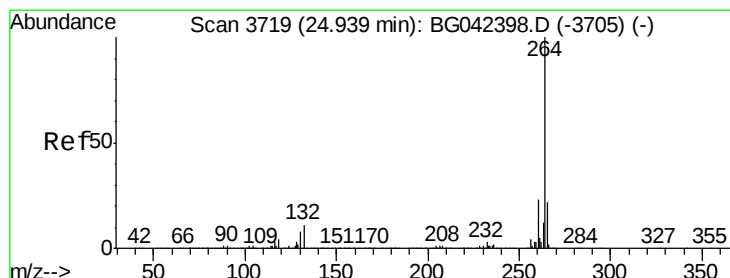
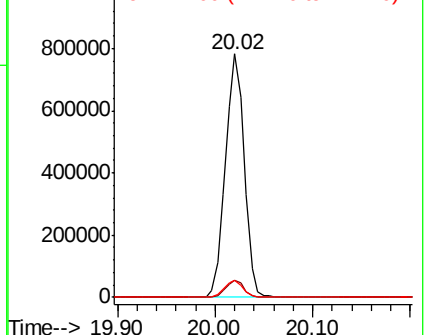
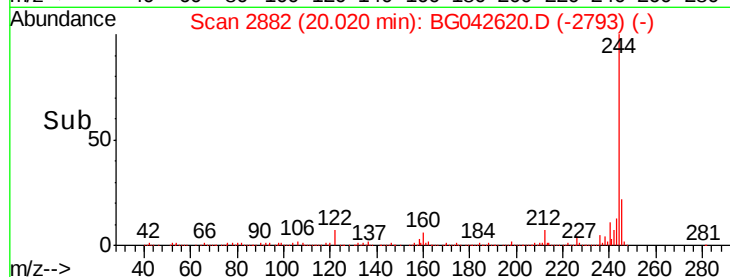
244 100

212 7.1 6.0 9.0

122 6.9 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: BG042620.D

Acq: 31 Aug 2019 3:40

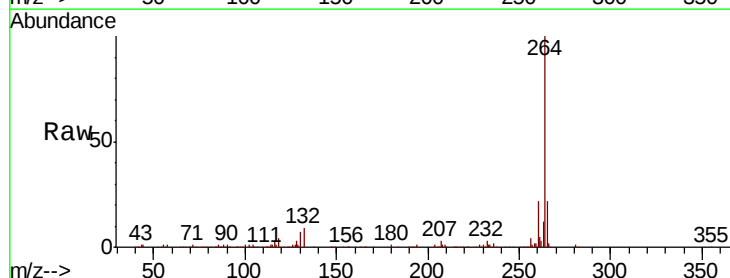
Tgt Ion:264 Resp: 291632

Ion Ratio Lower Upper

264 100

260 22.4 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

