

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042540.D
 Acq On : 28 Aug 2019 19:57
 Operator : HP/JU
 Sample : K4574-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S702B-N-1.0-1.5-082719

Quant Time: Aug 29 07:27:17 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

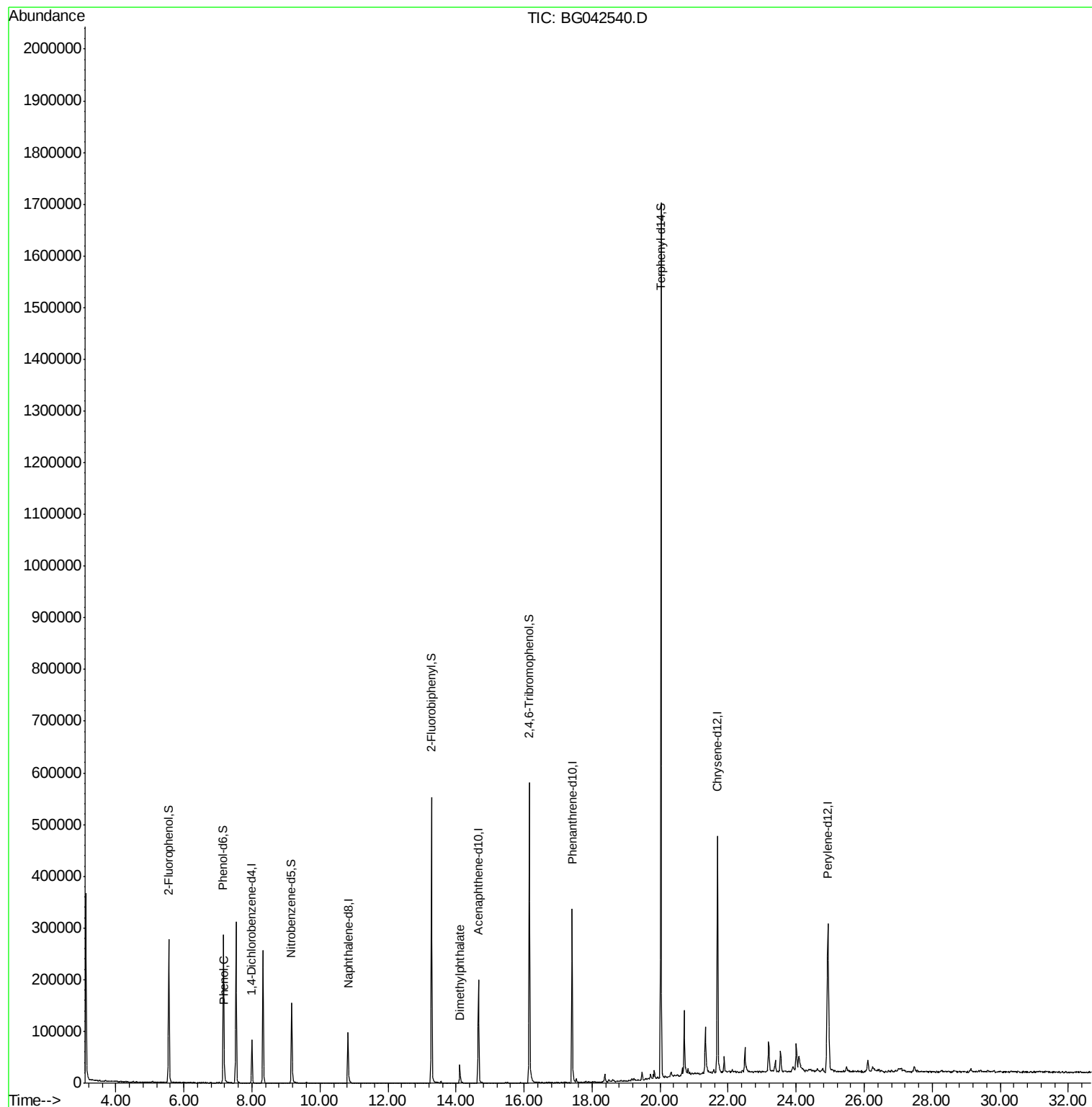
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28831	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	108165	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	87962	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	250904	20.00	ng	0.00
76) Chrysene-d12	21.68	240	292889	20.00	ng	-0.01
87) Perylene-d12	24.93	264	344277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	148543	104.35	ng	0.00
7) Phenol-d6	7.16	99	196318	102.10	ng	-0.01
23) Nitrobenzene-d5	9.16	82	108614	69.39	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	160611	128.46	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	349561	67.21	ng	0.00
79) Terphenyl-d14	20.02	244	871329	64.32	ng	0.00
Target Compounds						
10) Phenol	7.19	94	5698	2.914	ng	85
50) Dimethylphthalate	14.11	163	39079	6.157	ng	100

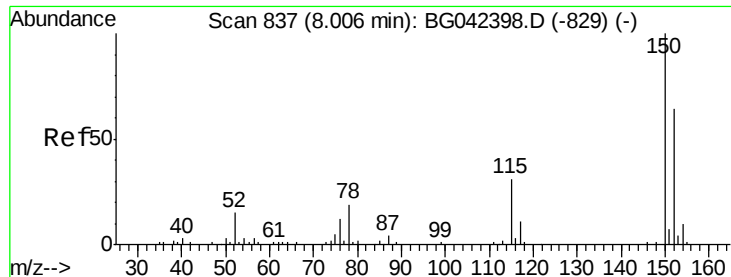
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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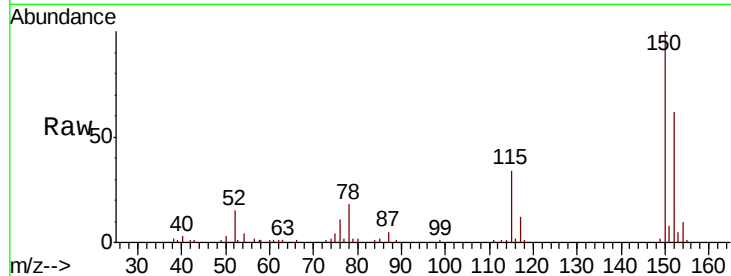


#1

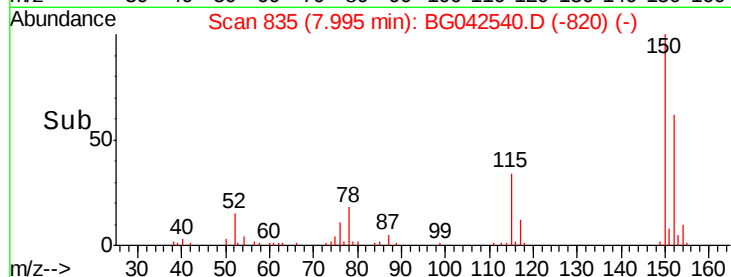
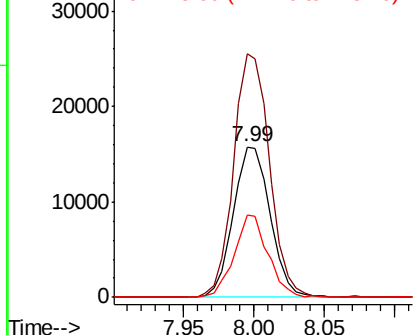
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042540.D
Acq: 28 Aug 2019 19:57

Instrument :
BNA_G
ClientSampleId :
S702B-N-1.0-1.5-082719

Tot Ion:152 Resp: 28831
Ion Ratio Lower Upper
152 100
150 161.6 125.4 188.0
115 54.3 38.5 57.7



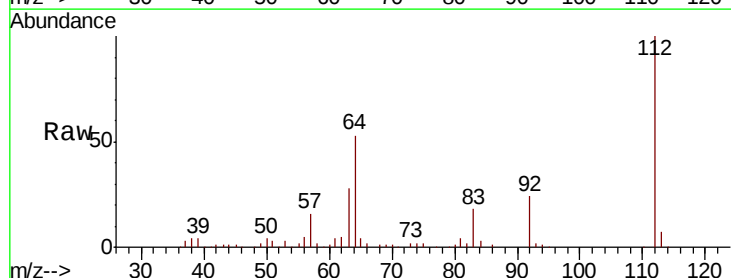
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



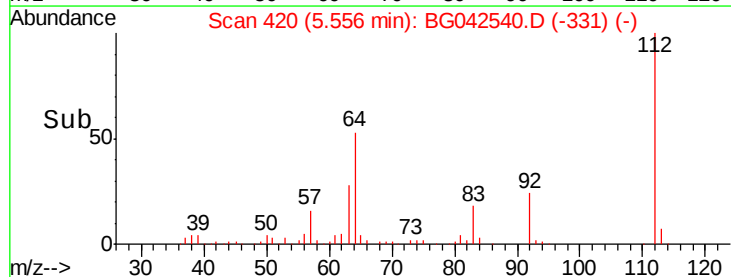
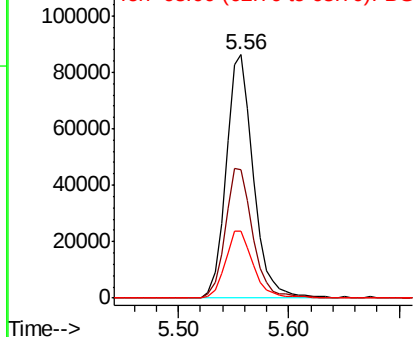
#5

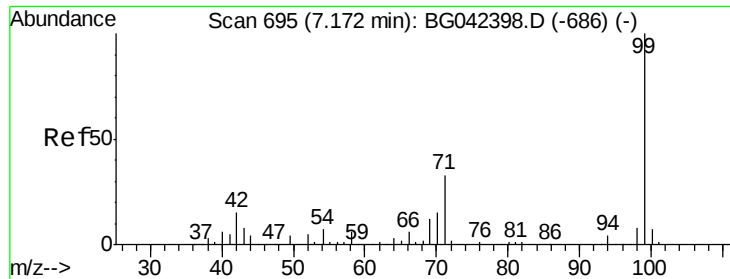
2-Fluorophenol
Concen: 104.347 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042540.D
Acq: 28 Aug 2019 19:57

Tgt Ion:112 Resp: 148543
Ion Ratio Lower Upper
112 100
64 52.9 42.8 64.2
63 27.5 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: 102.095 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042540.D

Acq: 28 Aug 2019 19:57

Instrument :

BNA_G

ClientSampleId :

S702B-N-1.0-1.5-082719

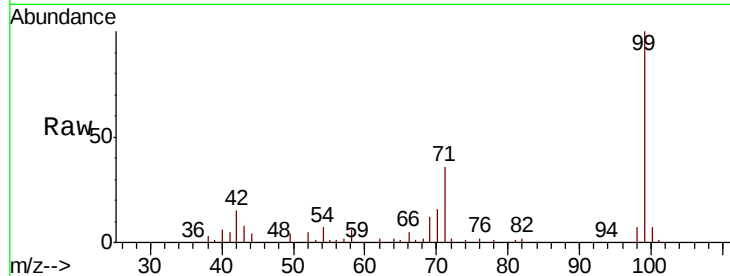
Tot Ion: 99 Resp: 196318

Ion Ratio Lower Upper

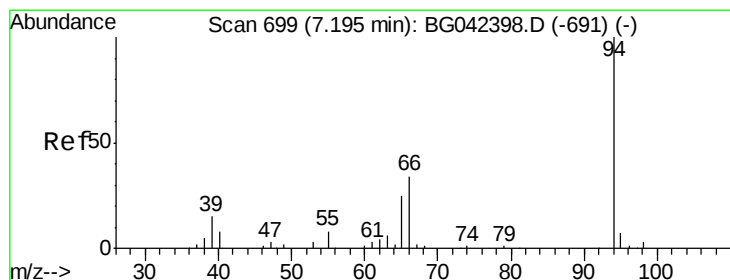
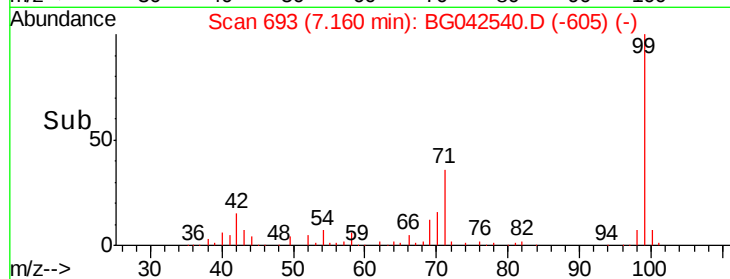
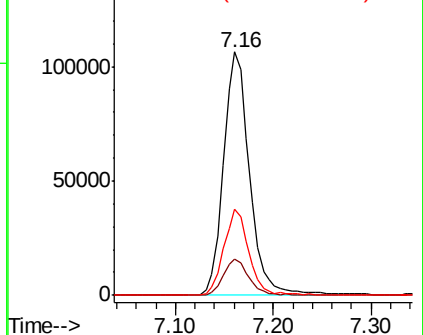
99 100

42 14.8 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: 2.914 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042540.D

Acq: 28 Aug 2019 19:57

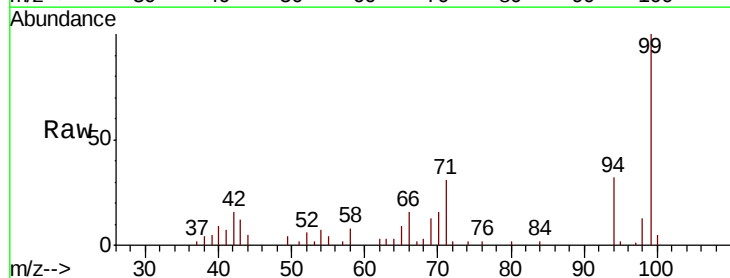
Tgt Ion: 94 Resp: 5698

Ion Ratio Lower Upper

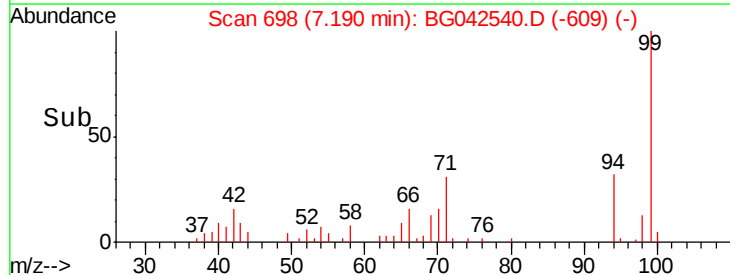
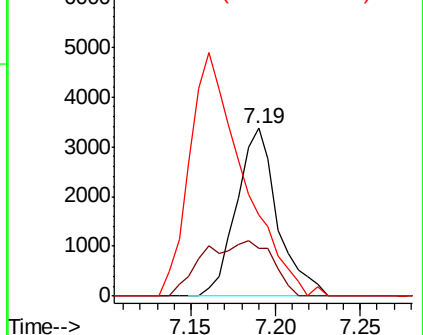
94 100

65 28.5 5.6 45.6

66 48.2 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

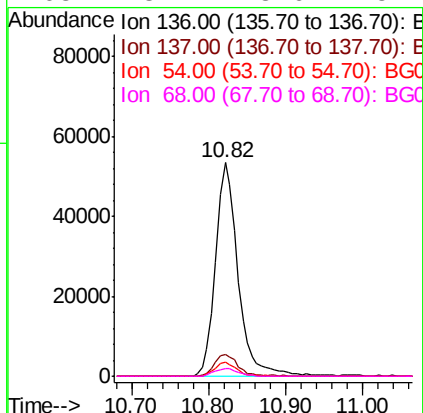
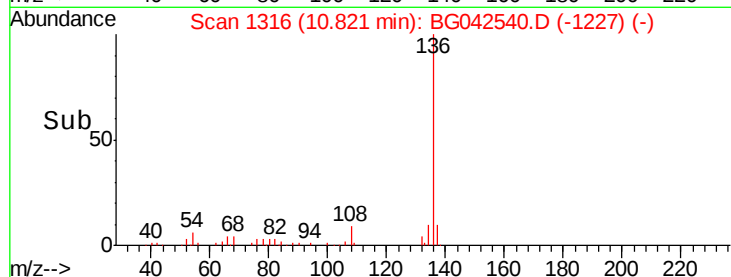
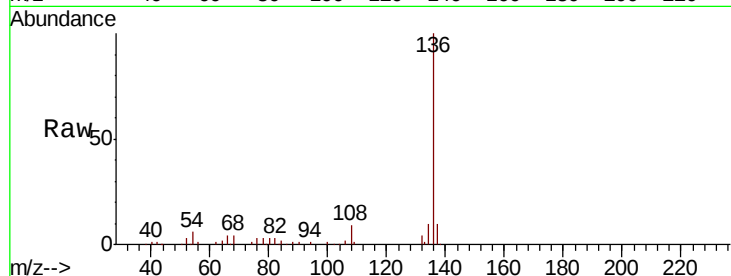




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042540.D
Acq: 28 Aug 2019 19:57

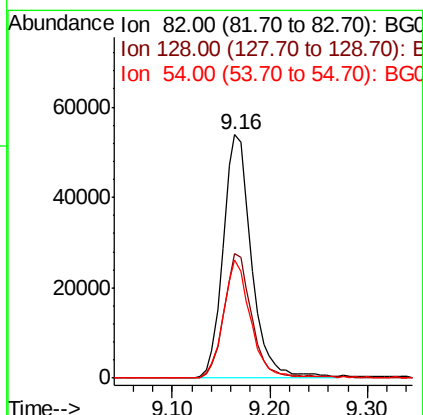
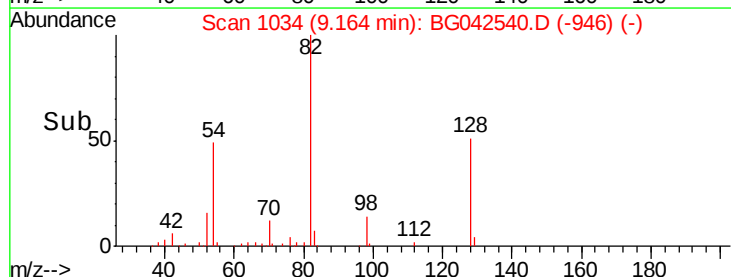
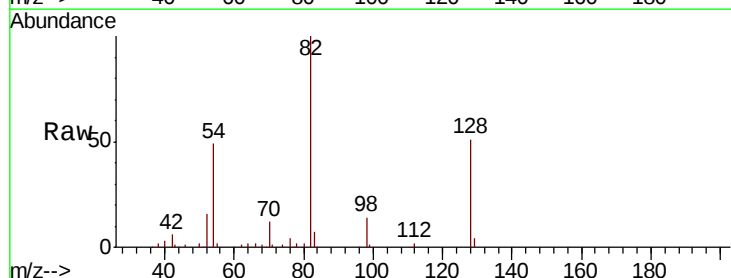
Instrument :
BNA_G
ClientSampleId :
S702B-N-1.0-1.5-082719

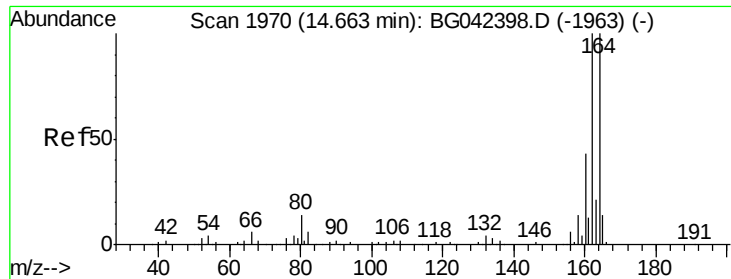
Tot Ion:136	Resp:	108165
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.7	13.1
54 6.5	4.9	7.3
68 3.7	3.6	5.4



#23
Nitrobenzene-d5
Concen: 69.391 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042540.D
Acq: 28 Aug 2019 19:57

Tgt Ion: 82	Resp: 108614
Ion Ratio	Lower Upper
82 100	
128 51.1	40.7 61.1
54 48.7	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: BG042540.D

Acq: 28 Aug 2019 19:57

Instrument :

BNA_G

ClientSampleId :

S702B-N-1.0-1.5-082719

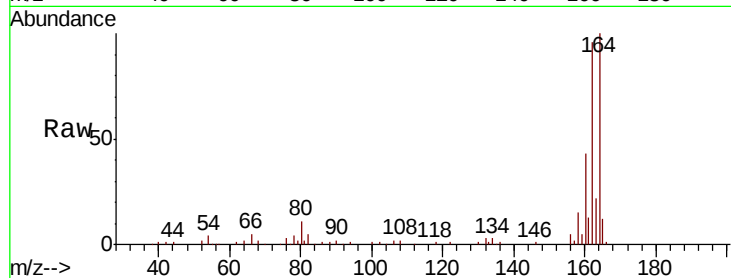
Tot Ion:164 Resp: 87962

Ion Ratio Lower Upper

164 100

162 95.8 79.9 119.9

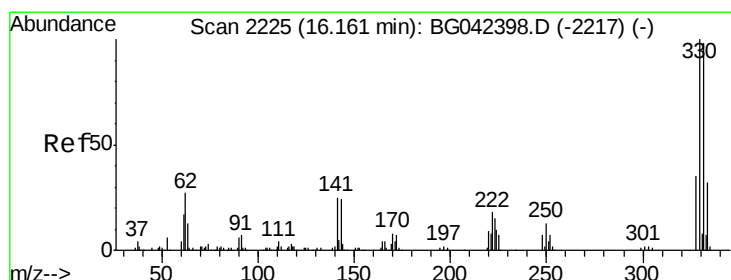
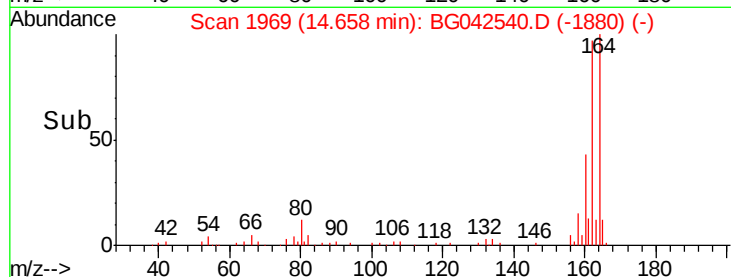
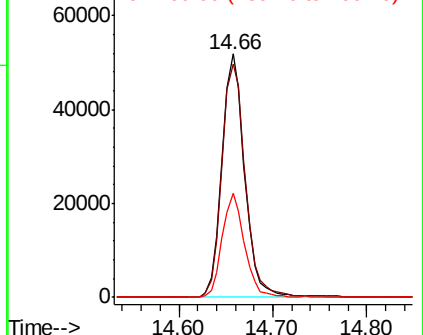
160 43.0 34.3 51.5



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: 128.465 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042540.D

Acq: 28 Aug 2019 19:57

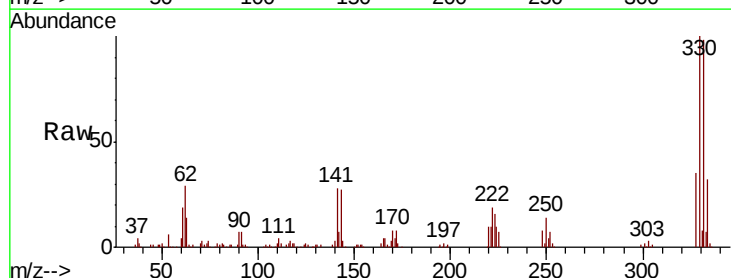
Tgt Ion:330 Resp: 160611

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

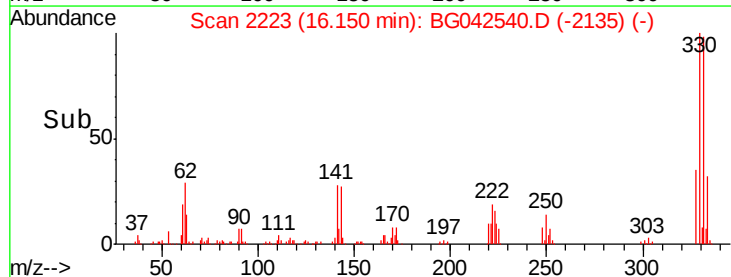
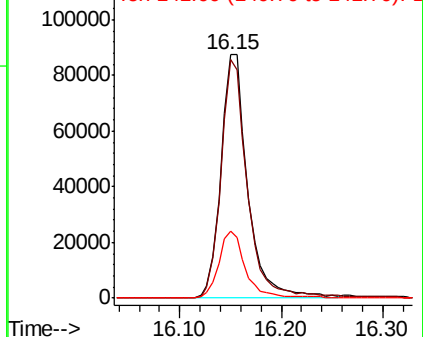
141 27.3 21.4 32.0



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

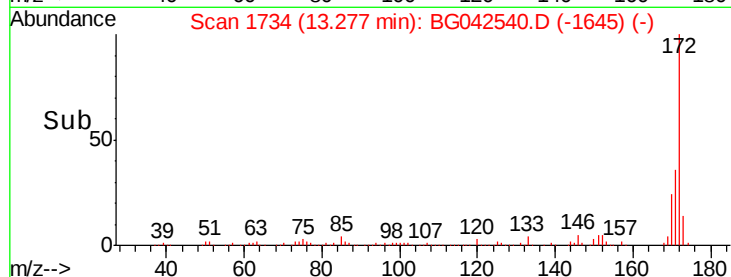
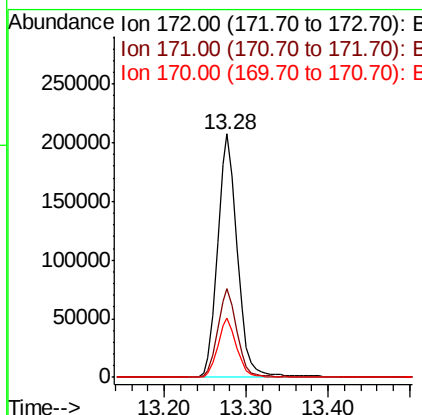
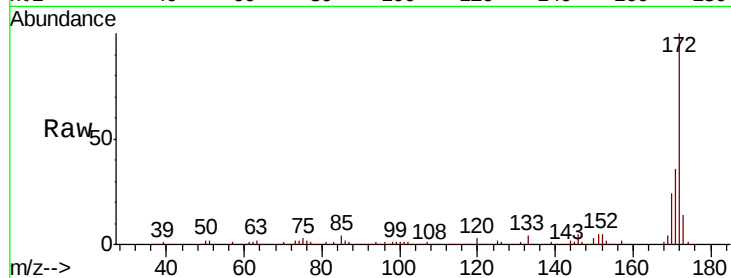




#45
2-Fluorobiphenyl
Concen: 67.212 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042540.D
Acq: 28 Aug 2019 19:57

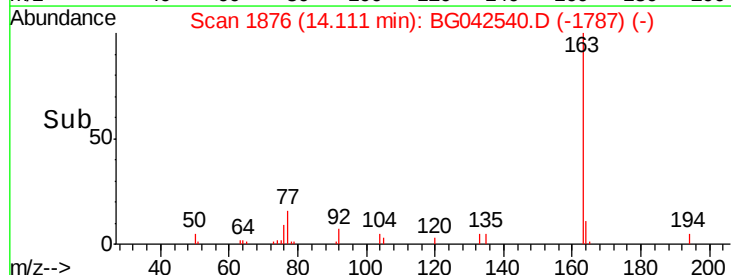
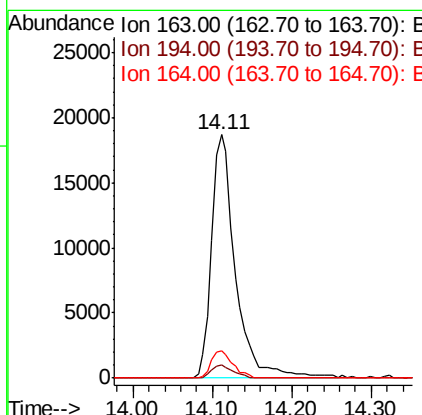
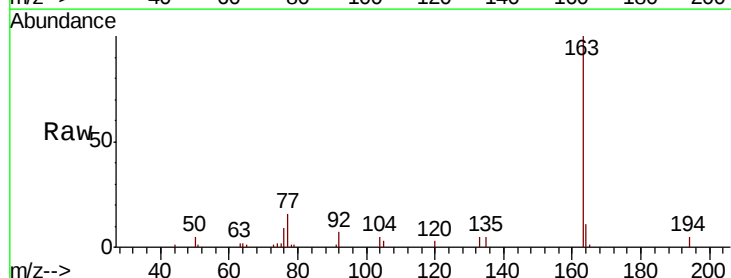
Instrument :
BNA_G
ClientSampleId :
S702B-N-1.0-1.5-082719

Tot Ion:172 Resp: 349561
Ion Ratio Lower Upper
172 100
171 36.2 30.5 45.7
170 24.3 20.2 30.2



#50
Dimethylphthalate
Concen: 6.157 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042540.D
Acq: 28 Aug 2019 19:57

Tgt Ion:163 Resp: 39079
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# 2438

Delta R.T. -0.01 min

Lab File: BG042540.D

Acq: 28 Aug 2019 19:57

Instrument :

BNA_G

ClientSampleId :

S702B-N-1.0-1.5-082719

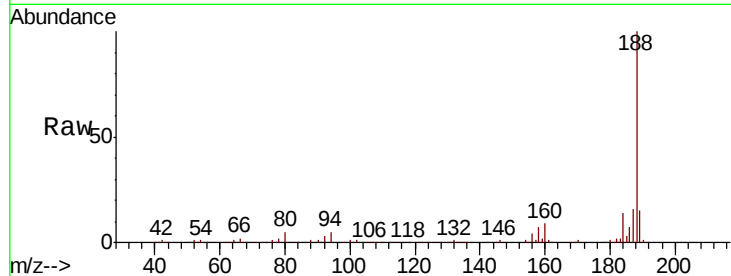
Tot Ion:188 Resp: 250904

Ion Ratio Lower Upper

188 100

94 5.0 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

200000

150000

100000

50000

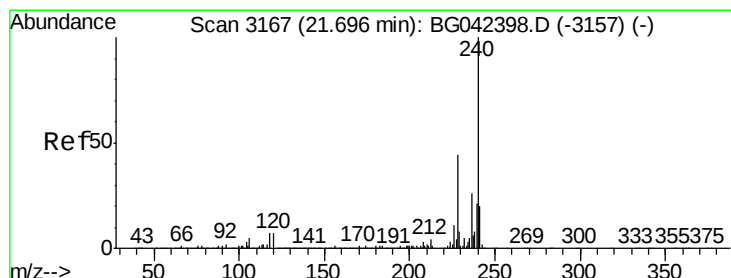
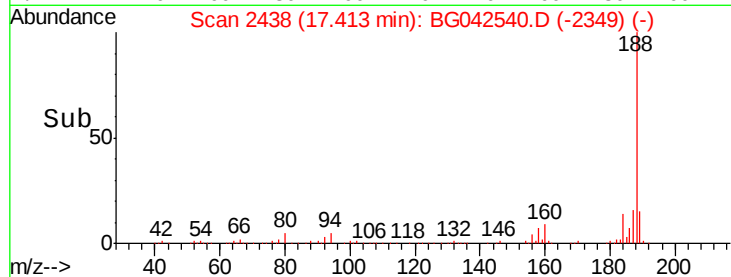
0

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: BG042540.D

Acq: 28 Aug 2019 19:57

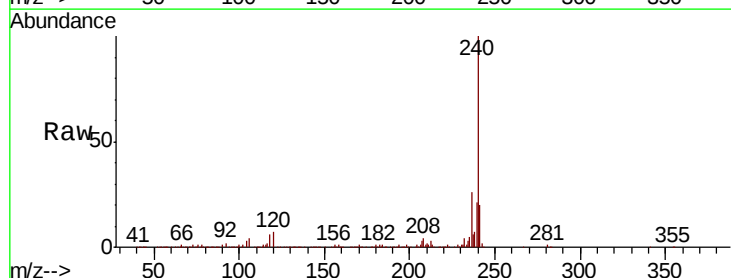
Tgt Ion:240 Resp: 292889

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

236 26.5 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

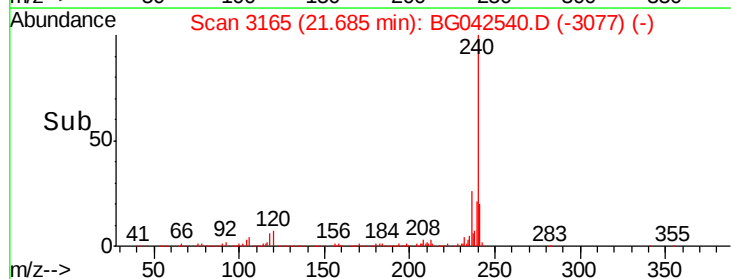
21.68

21.60

21.70

21.80

Time-->





#79

Terphenyl-d14

Concen: 64.316 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042540.D

Acq: 28 Aug 2019 19:57

Instrument :

BNA_G

ClientSampleId :

S702B-N-1.0-1.5-082719

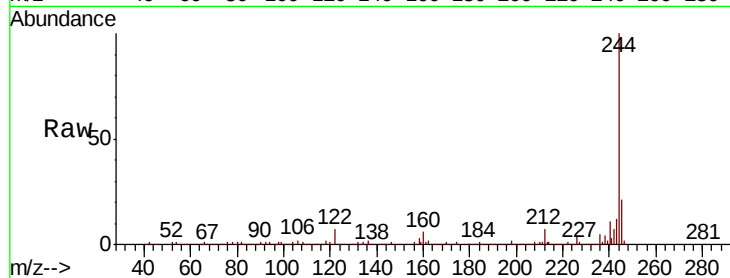
Tot Ion:244 Resp: 871329

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

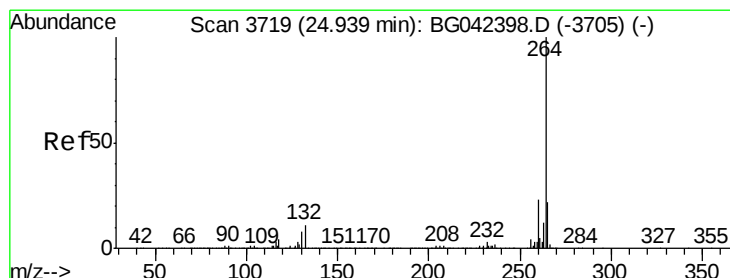
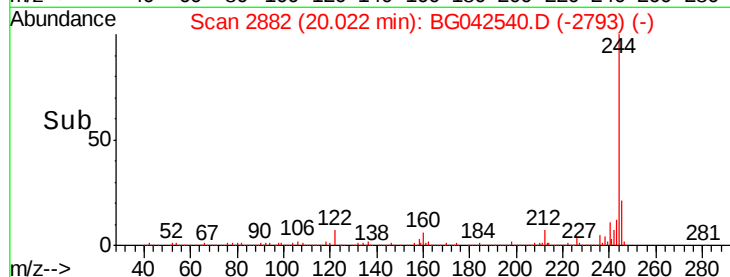
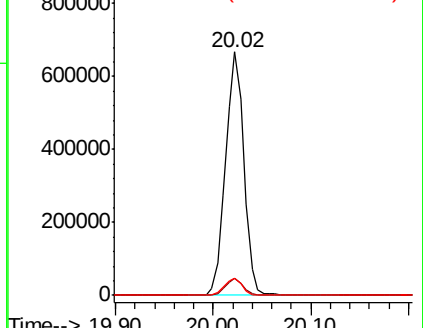
122 7.0 6.7 10.1



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# 3718

Delta R.T. -0.01 min

Lab File: BG042540.D

Acq: 28 Aug 2019 19:57

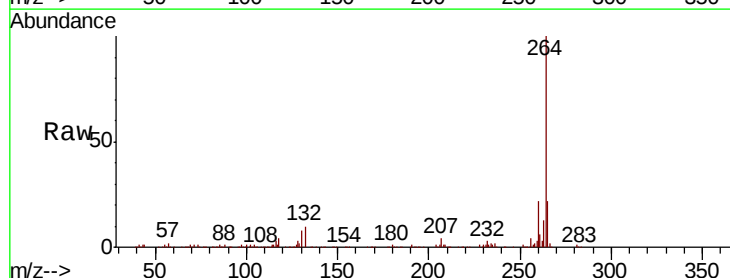
Tgt Ion:264 Resp: 344277

Ion Ratio Lower Upper

264 100

260 22.3 18.5 27.7

265 21.7 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

