

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042457.D
 Acq On : 24 Aug 2019 8:19
 Operator : HP/JU
 Sample : K4477-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2(1-3)

Quant Time: Aug 26 05:23:12 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

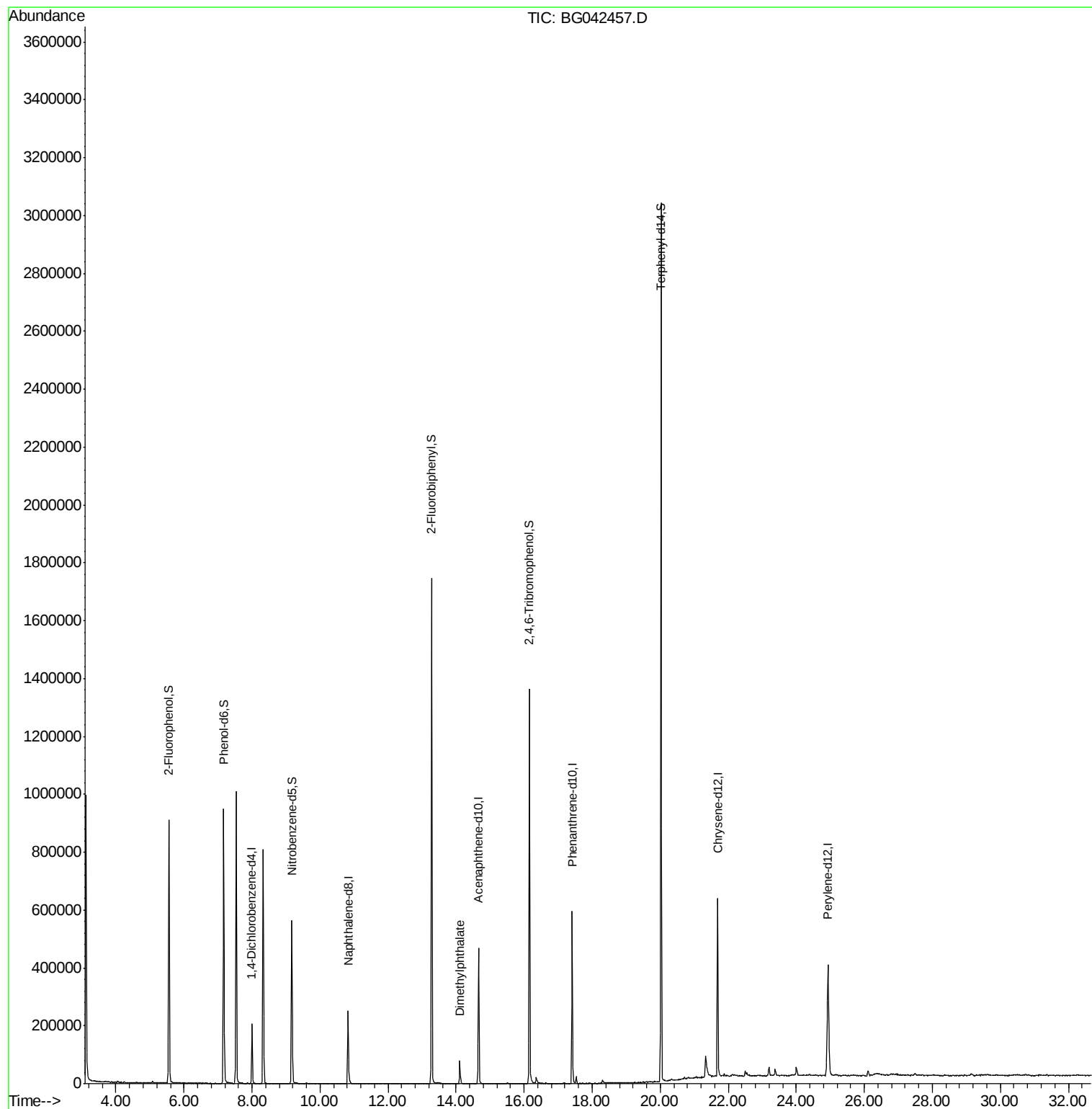
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	66808	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	267494	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	188019	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	402238	20.00	ng	0.00
76) Chrysene-d12	21.69	240	394201	20.00	ng	0.00
87) Perylene-d12	24.93	264	453770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	473861	143.65	ng	0.00
7) Phenol-d6	7.16	99	651628	146.24	ng	0.00
23) Nitrobenzene-d5	9.17	82	383891	99.17	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	313886	117.46	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	999078	89.87	ng	0.00
79) Terphenyl-d14	20.03	244	1485735	81.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	77258	5.695	ng	Qvalue 97

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

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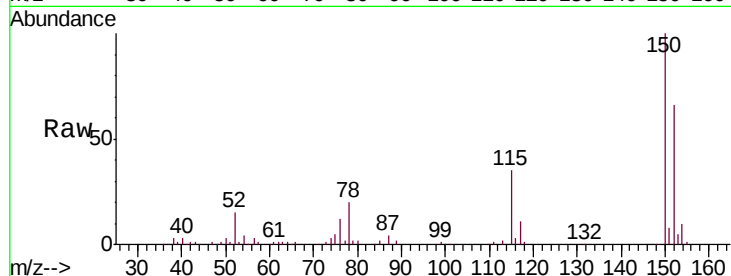


#1

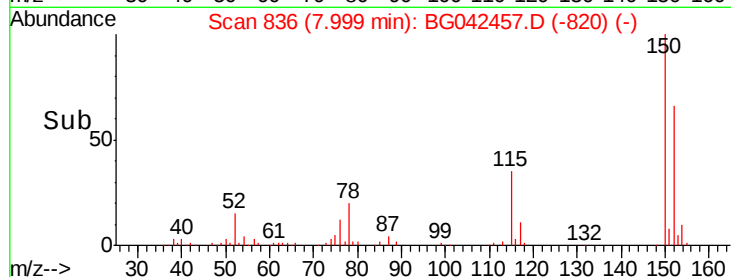
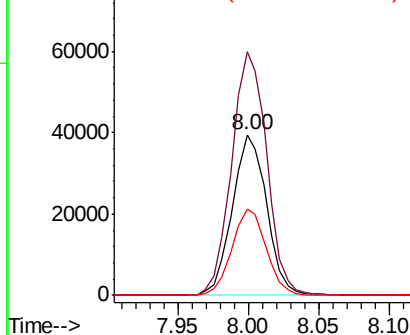
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042457.D
Acq: 24 Aug 2019 8:19

Instrument :
BNA_G
ClientSampleId :
TP-2(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.4	188.0
115	53.7	38.5	57.7



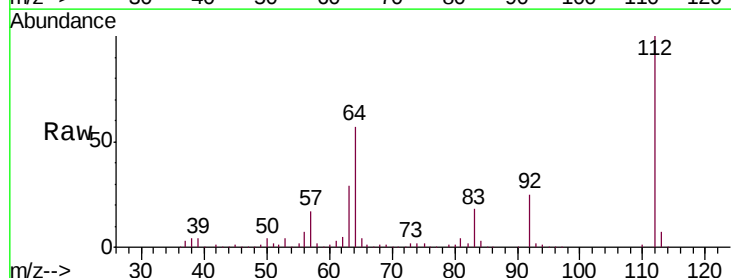
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



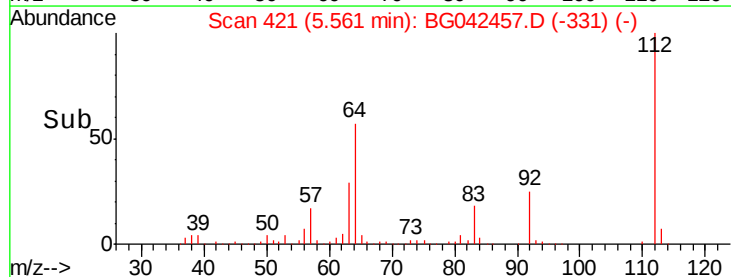
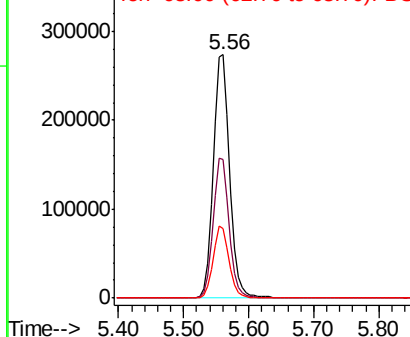
#5

2-Fluorophenol
Concen: 143.651 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042457.D
Acq: 24 Aug 2019 8:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	42.8	64.2
63	28.7	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: 146.243 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042457.D

Acq: 24 Aug 2019 8:19

Instrument :

BNA_G

ClientSampleId :

TP-2(1-3)

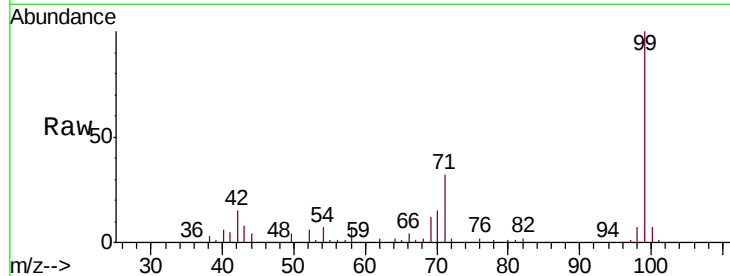
Tot Ion: 99 Resp: 651628

Ion Ratio Lower Upper

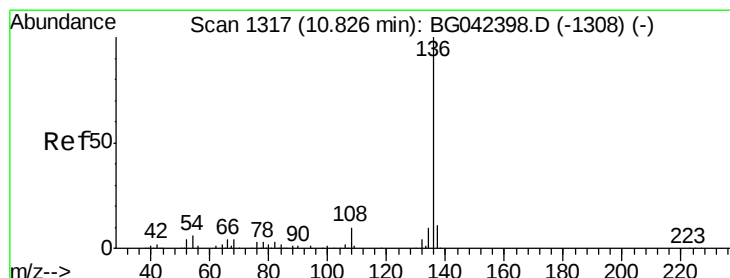
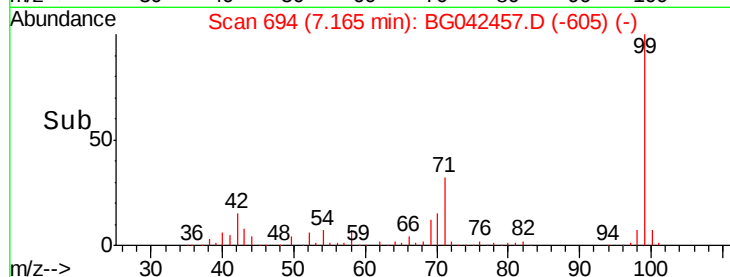
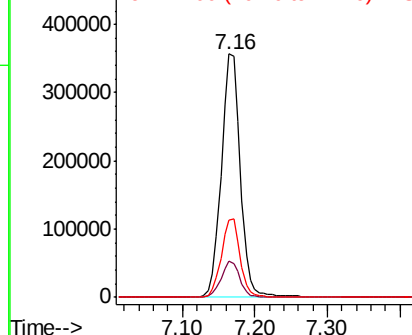
99 100

42 14.7 12.0 18.0

71 31.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042457.D

Acq: 24 Aug 2019 8:19

Tgt Ion: 136 Resp: 267494

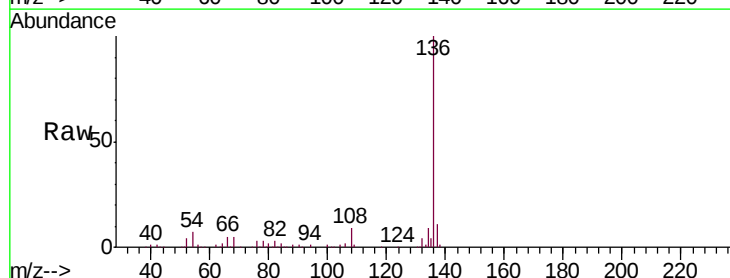
Ion Ratio Lower Upper

136 100

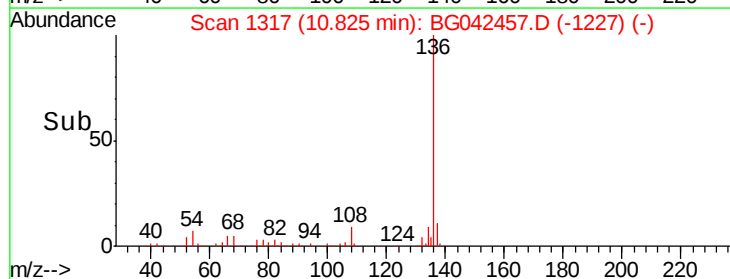
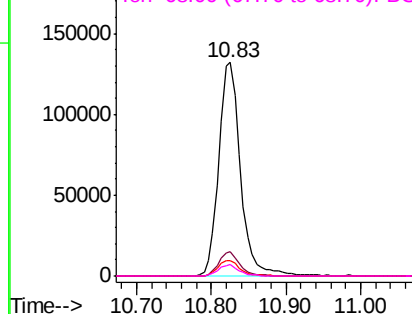
137 11.4 8.7 13.1

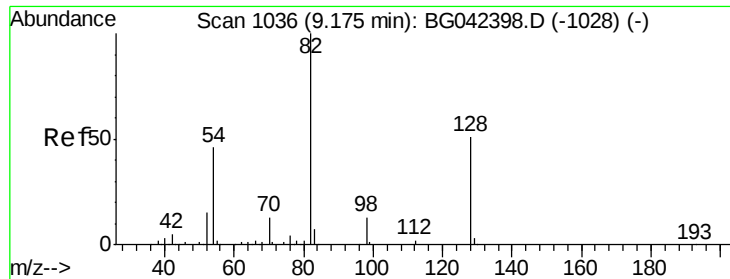
54 7.4 4.9 7.3#

68 5.5 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

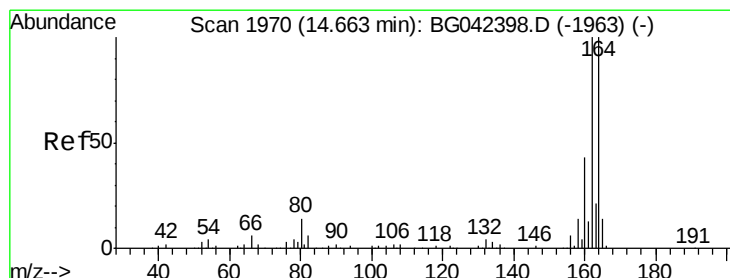
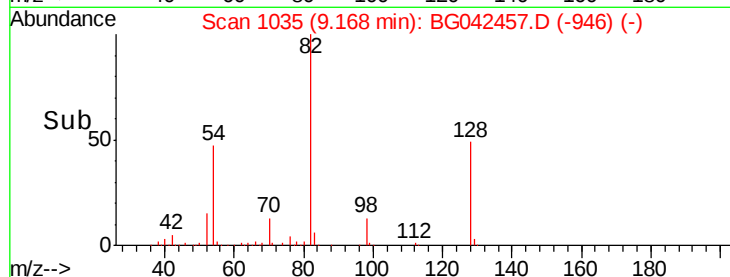
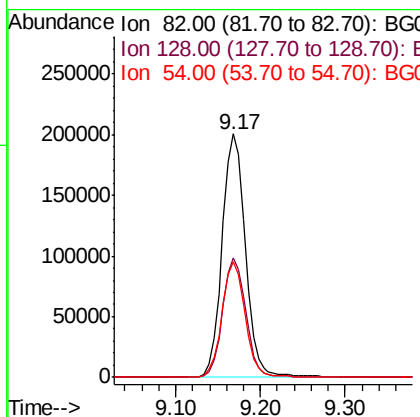
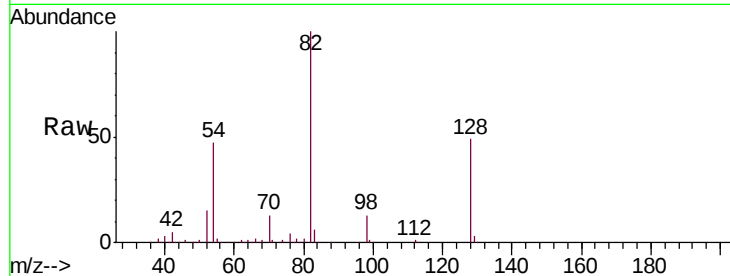




#23
 Nitrobenzene-d5
 Concen: 99.174 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042457.D
 Acq: 24 Aug 2019 8:19

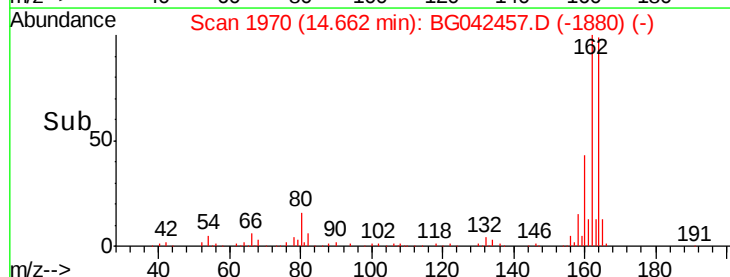
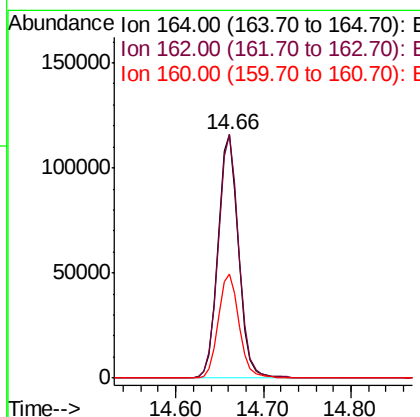
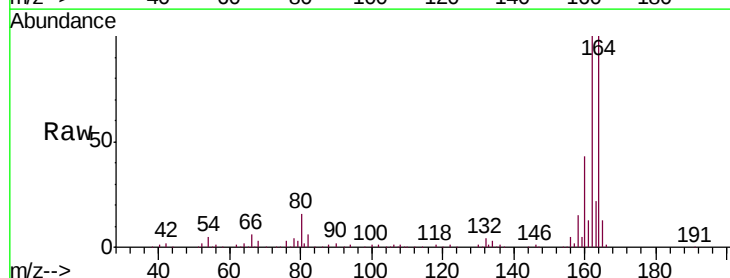
Instrument :
 BNA_G
 ClientSampled :
 TP-2(1-3)

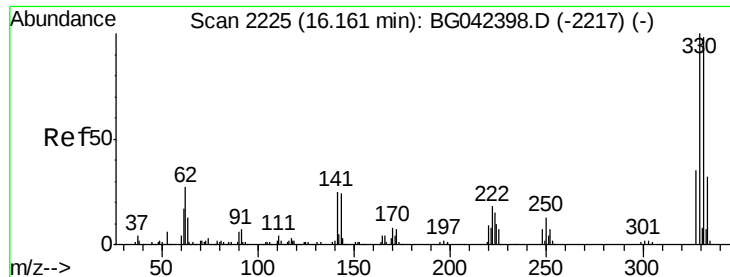
Tot Ion	82	Resp	383891
Ion Ratio	Lower	Upper	
82	100		
128	49.3	40.7	61.1
54	47.5	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042457.D
 Acq: 24 Aug 2019 8:19

Tgt Ion	164	Resp	188019
Ion Ratio	Lower	Upper	
164	100		
162	100.0	79.9	119.9
160	42.5	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 117.456 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042457.D

Acq: 24 Aug 2019 8:19

Instrument :

BNA_G

ClientSampleId :

TP-2(1-3)

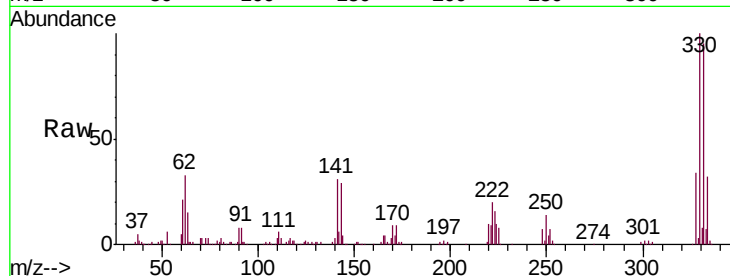
Tot Ion:330 Resp: 313886

Ion Ratio Lower Upper

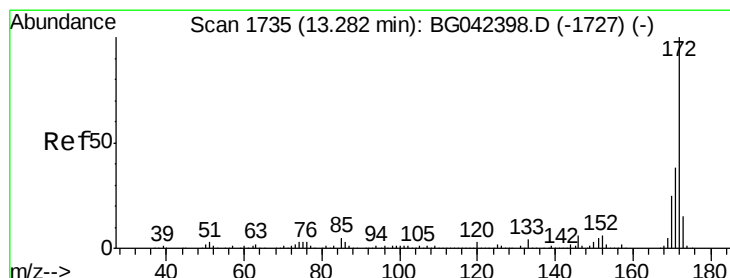
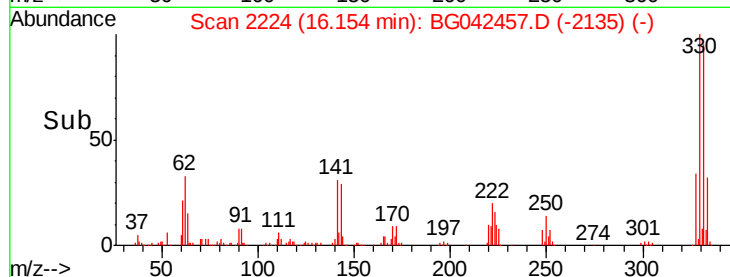
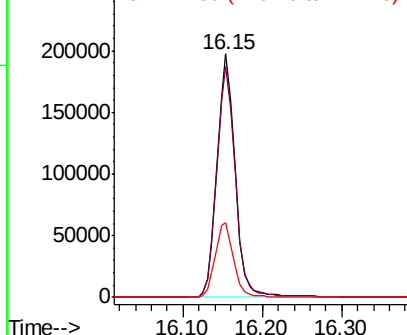
330 100

332 97.0 77.4 116.0

141 31.2 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: 89.870 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042457.D

Acq: 24 Aug 2019 8:19

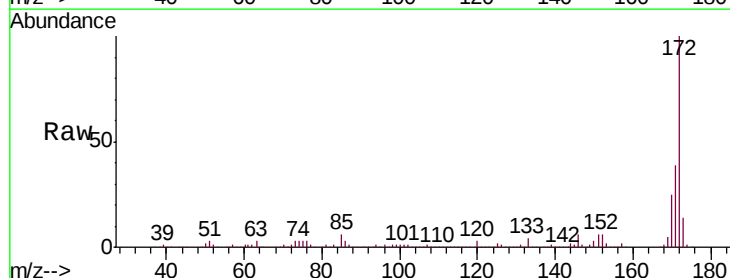
Tgt Ion:172 Resp: 999078

Ion Ratio Lower Upper

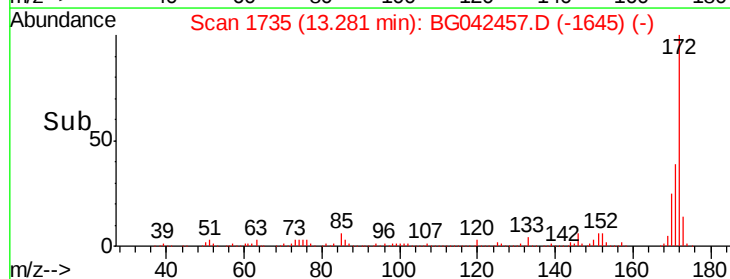
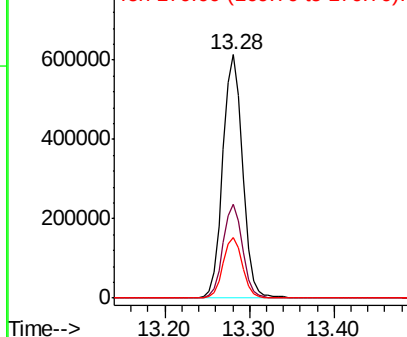
172 100

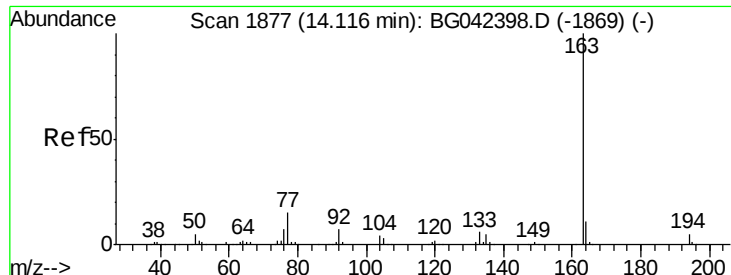
171 38.5 30.5 45.7

170 24.8 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.695 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042457.D

Acq: 24 Aug 2019 8:19

Instrument :

BNA_G

ClientSampled :

TP-2(1-3)

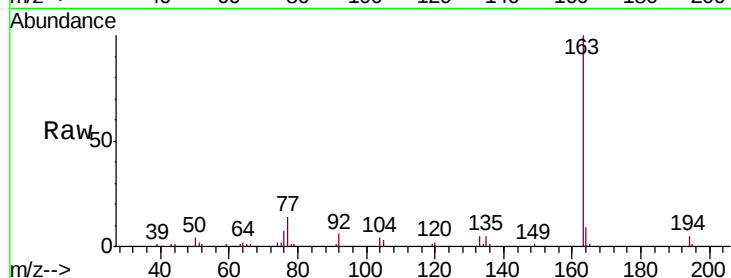
Tot Ion:163 Resp: 77258

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

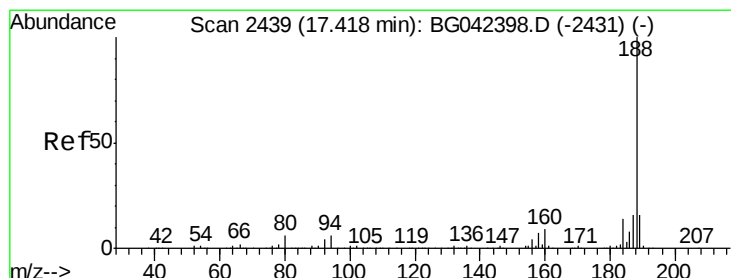
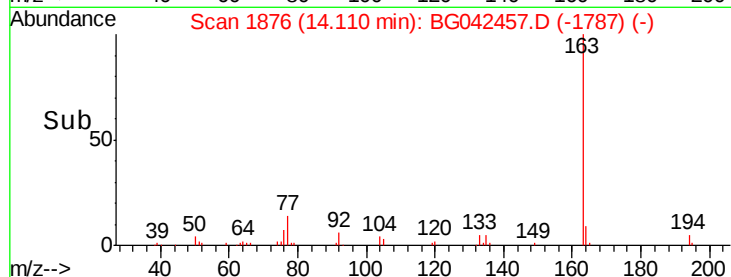
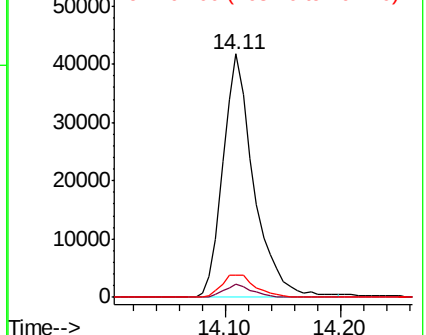
164 9.3 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042457.D

Acq: 24 Aug 2019 8:19

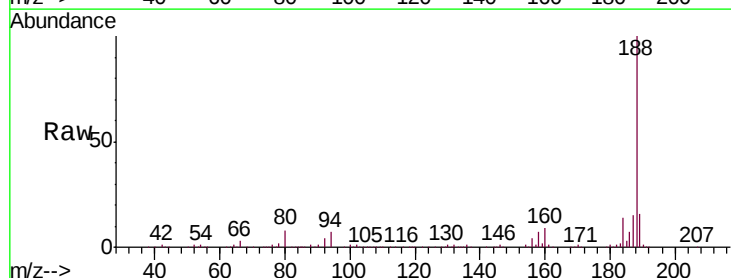
Tgt Ion:188 Resp: 402238

Ion Ratio Lower Upper

188 100

94 7.0 4.5 6.7#

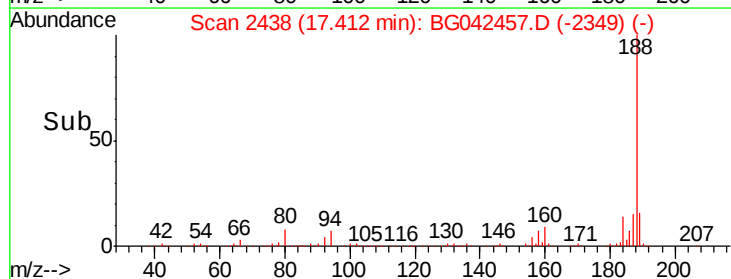
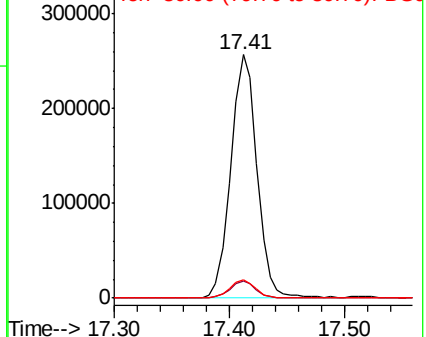
80 7.6 4.9 7.3#

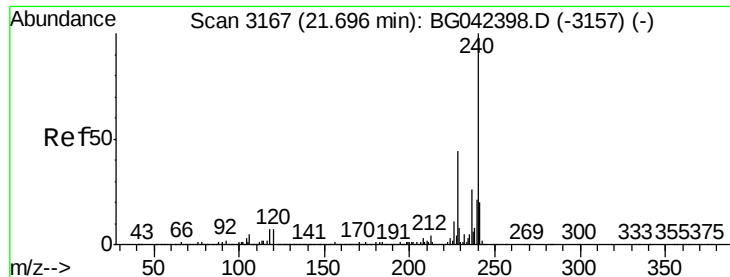


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

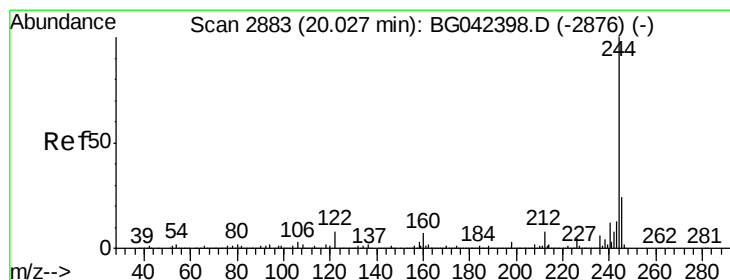
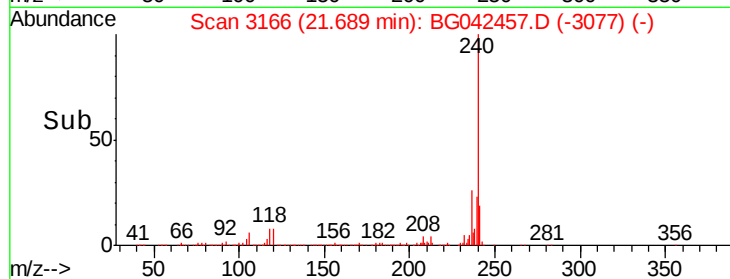
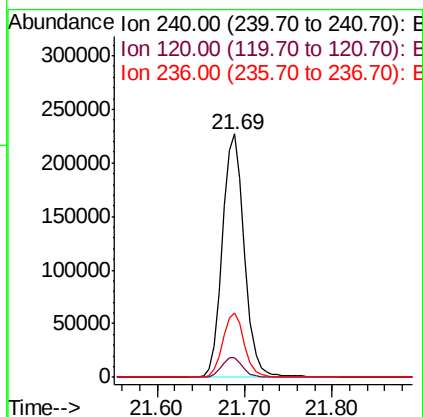
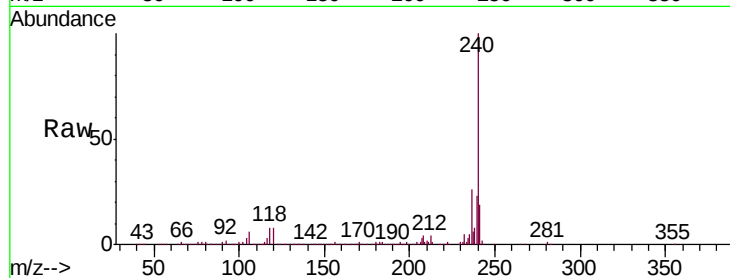




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042457.D
 Acq: 24 Aug 2019 8:19

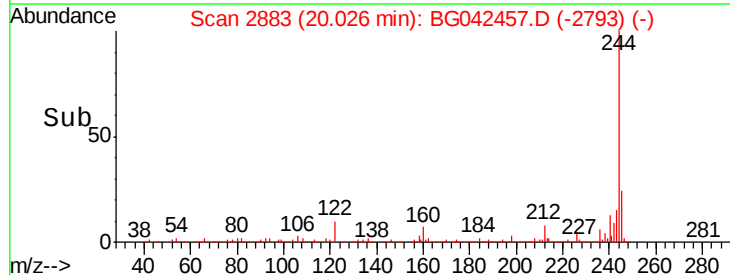
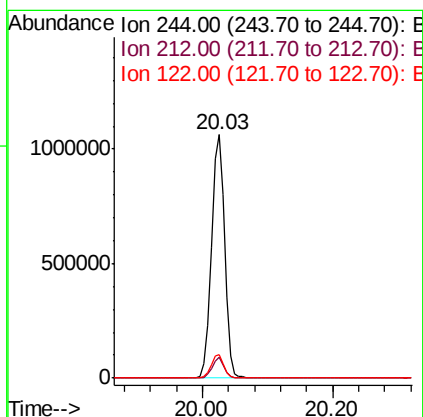
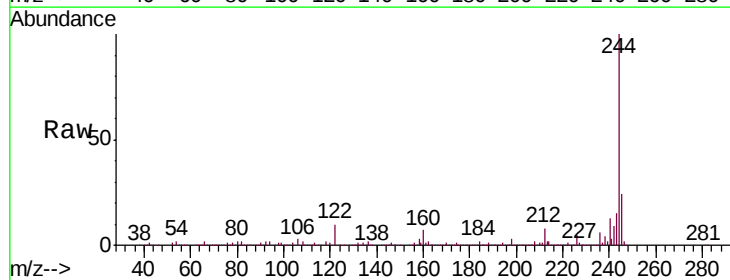
Instrument :
 BNA_G
 ClientSampleId :
 TP-2(1-3)

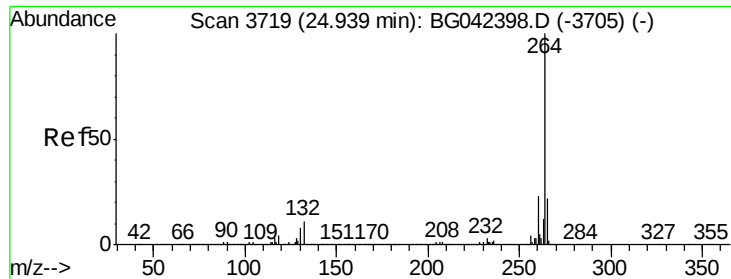
Tot Ion:240 Resp: 394201
 Ion Ratio Lower Upper
 240 100
 120 7.9 5.7 8.5
 236 26.2 21.0 31.4



#79
 Terphenyl-d14
 Concen: 81.482 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG042457.D
 Acq: 24 Aug 2019 8:19

Tgt Ion:244 Resp: 1485735
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.0 9.0
 122 9.6 6.7 10.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042457.D
 Acq: 24 Aug 2019 8:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-2(1-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.6	17.6	26.4

