

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042465.D
 Acq On : 24 Aug 2019 13:26
 Operator : HP/JU
 Sample : K4493-26
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T9-12-13-I-(0-1.9)

Quant Time: Aug 26 05:41:09 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

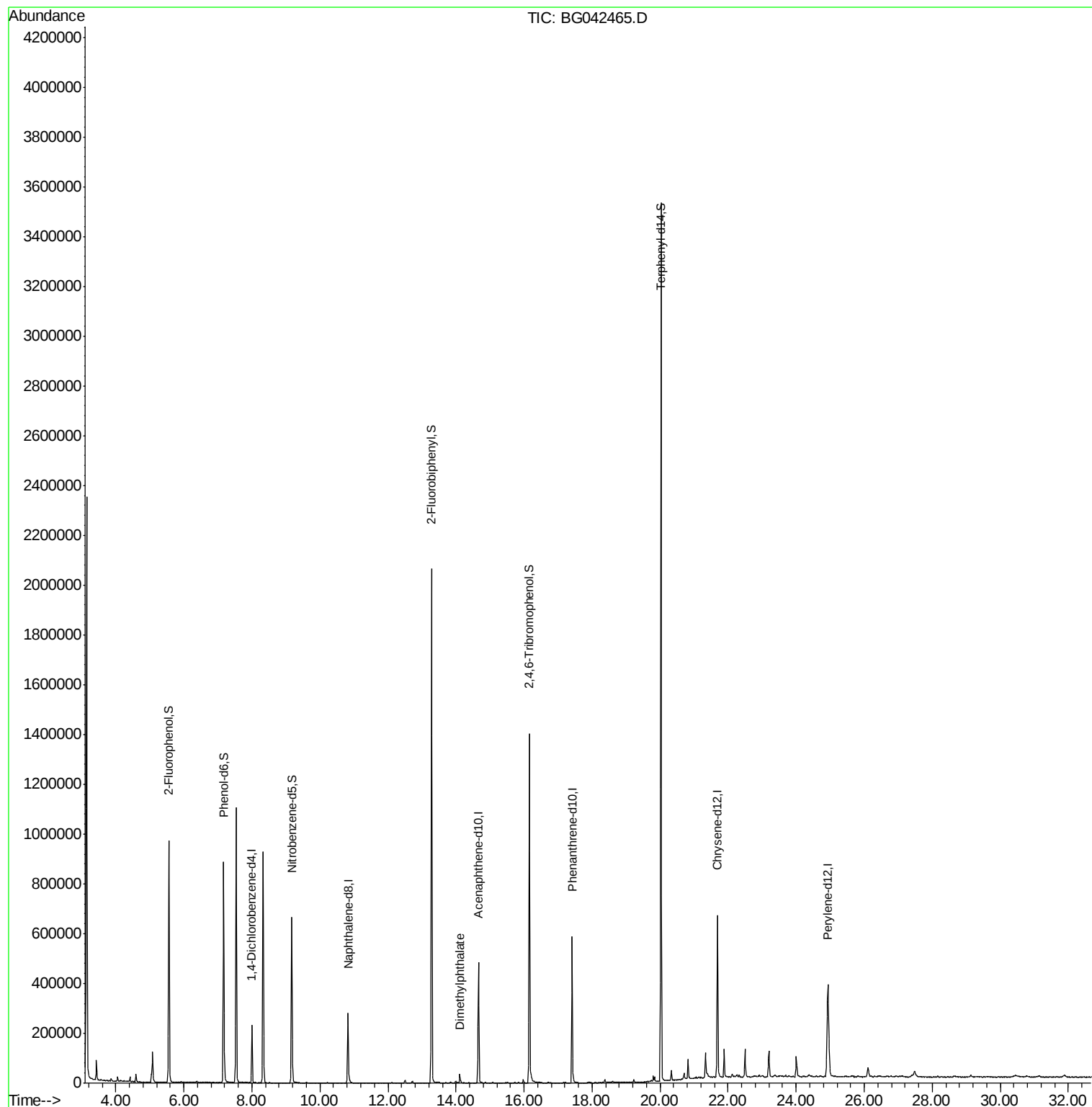
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	74332	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	288671	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	193677	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	401149	20.00	ng	0.00
76) Chrysene-d12	21.69	240	393931	20.00	ng	-0.01
87) Perylene-d12	24.93	264	456179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	490789	133.72	ng	0.00
7) Phenol-d6	7.17	99	613032	123.66	ng	0.00
23) Nitrobenzene-d5	9.17	82	440002	105.33	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	346084	125.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1207566	105.45	ng	0.00
79) Terphenyl-d14	20.03	244	1803714	98.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	38036	2.722	ng	Qvalue 98

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

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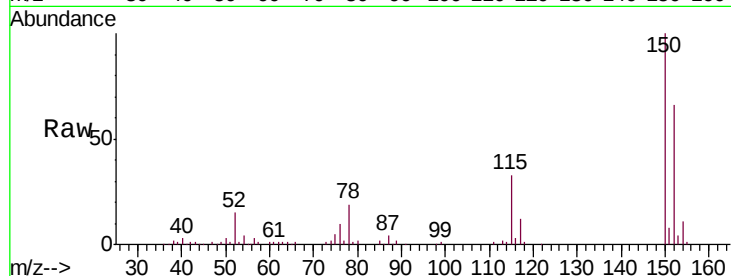


#1

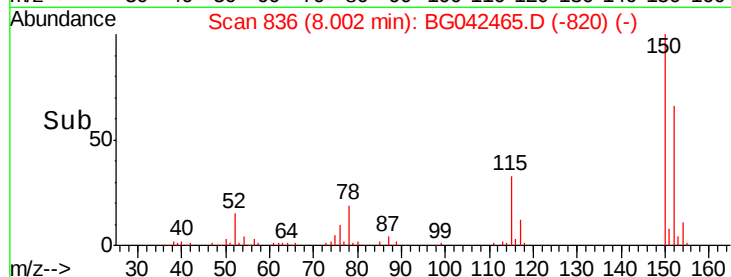
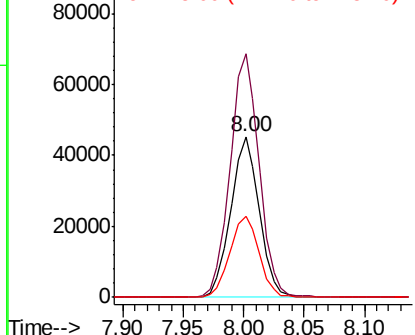
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042465.D
Acq: 24 Aug 2019 13:26

Instrument :
BNA_G
ClientSampleId :
T9-12-13-I-(0-1.9)

Tot Ion:152 Resp: 74332
Ion Ratio Lower Upper
152 100
150 151.2 125.4 188.0
115 50.2 38.5 57.7



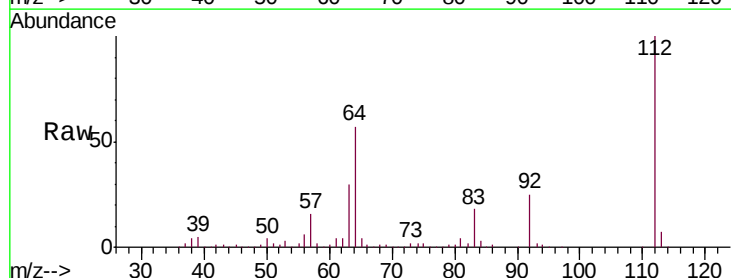
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



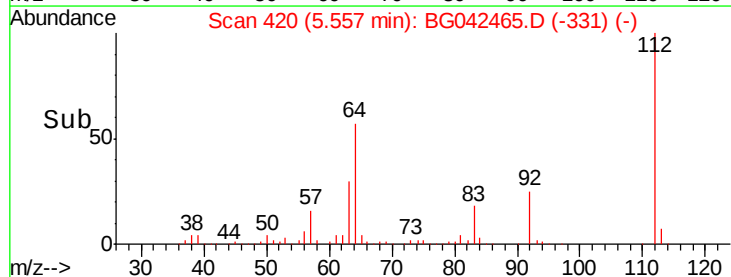
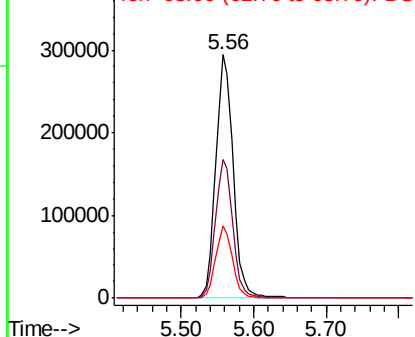
#5

2-Fluorophenol
Concen: 133.723 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042465.D
Acq: 24 Aug 2019 13:26

Tgt Ion:112 Resp: 490789
Ion Ratio Lower Upper
112 100
64 56.9 42.8 64.2
63 29.5 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: 123.655 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042465.D

Acq: 24 Aug 2019 13:26

Instrument :

BNA_G

ClientSampleId :

T9-12-13-I-(0-1.9)

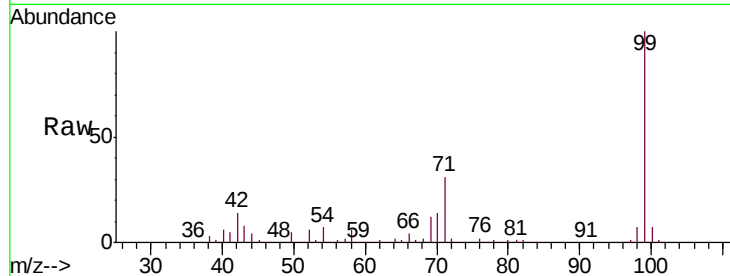
Tot Ion: 99 Resp: 613032

Ion Ratio Lower Upper

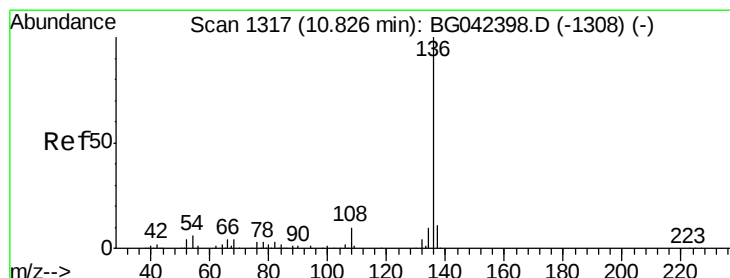
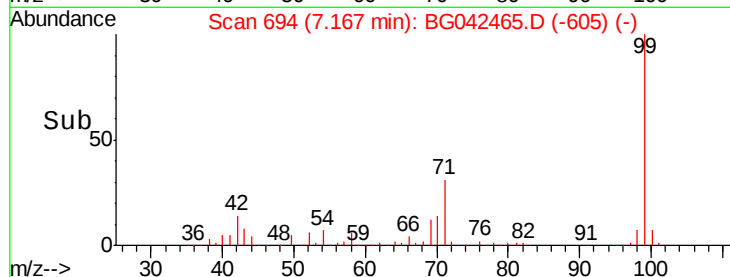
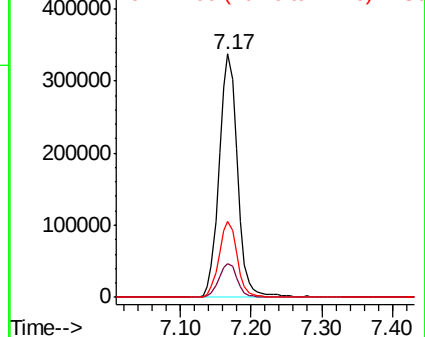
99 100

42 13.9 12.0 18.0

71 31.4 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: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042465.D

Acq: 24 Aug 2019 13:26

Tgt Ion: 136 Resp: 288671

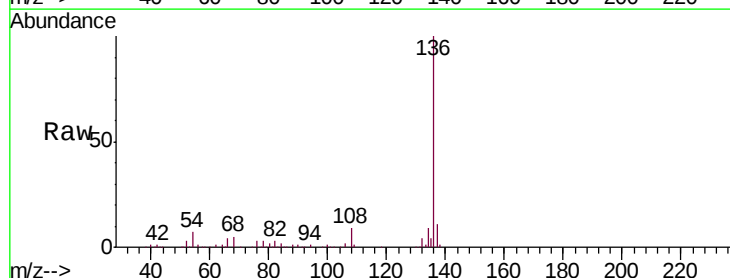
Ion Ratio Lower Upper

136 100

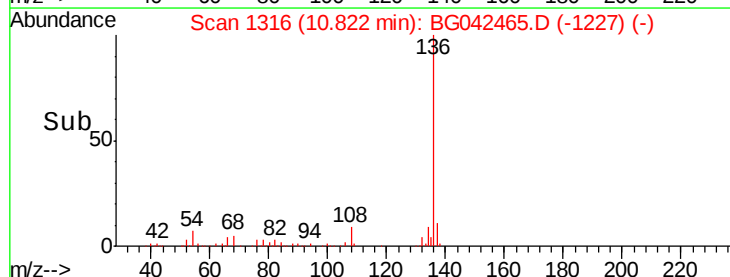
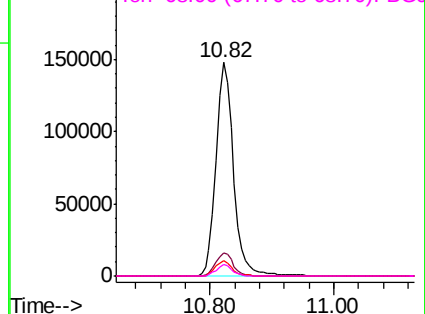
137 10.8 8.7 13.1

54 7.2 4.9 7.3

68 5.4 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

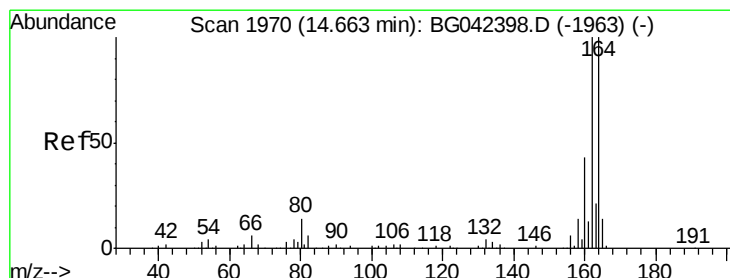
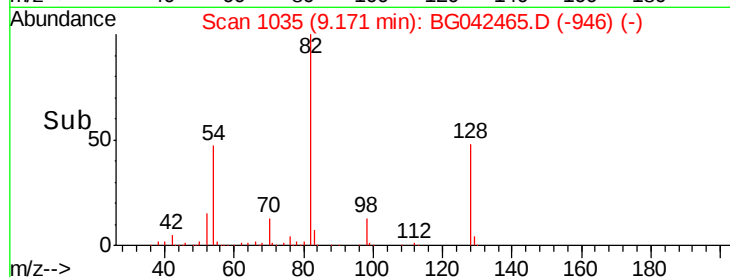
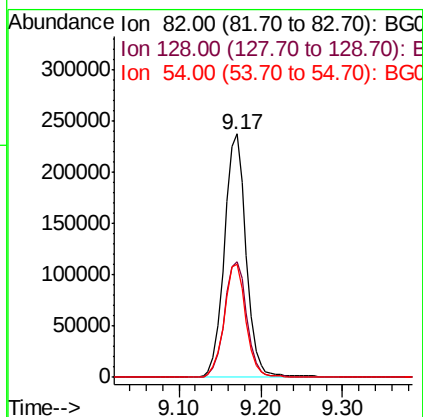
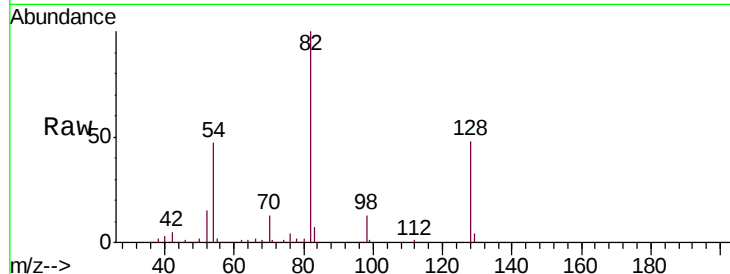




#23
Nitrobenzene-d5
Concen: 105.331 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042465.D
Acq: 24 Aug 2019 13:26

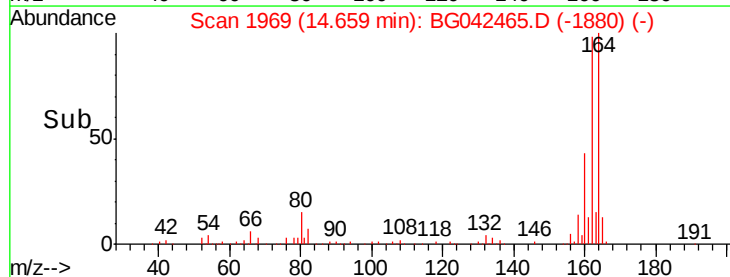
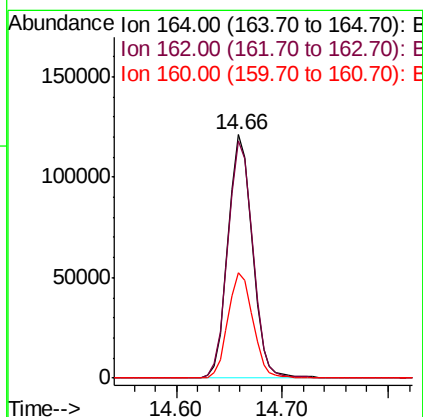
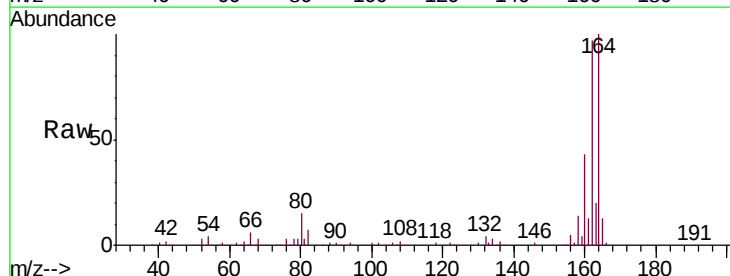
Instrument :
BNA_G
ClientSampleId :
T9-12-13-I-(0-1.9)

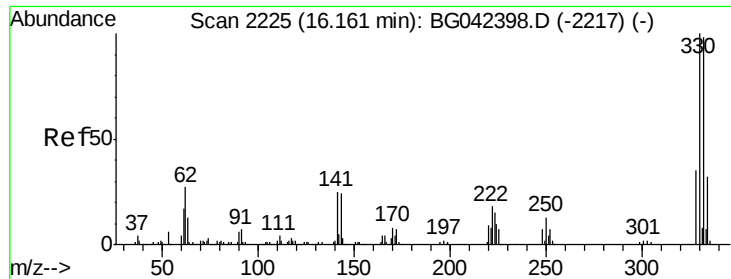
Tot Ion	82	Resp	440002
Ion Ratio	Lower	Upper	
82	100		
128	47.8	40.7	61.1
54	46.5	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042465.D
Acq: 24 Aug 2019 13:26

Tgt Ion	164	Resp	193677
Ion Ratio	Lower	Upper	
164	100		
162	97.3	79.9	119.9
160	43.2	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 125.721 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042465.D

Acq: 24 Aug 2019 13:26

Instrument :

BNA_G

ClientSampleId :

T9-12-13-I-(0-1.9)

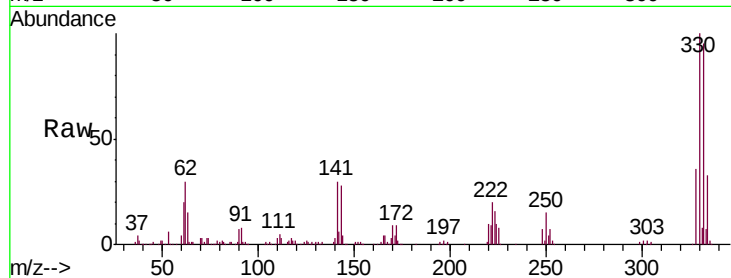
Tot Ion:330 Resp: 346084

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

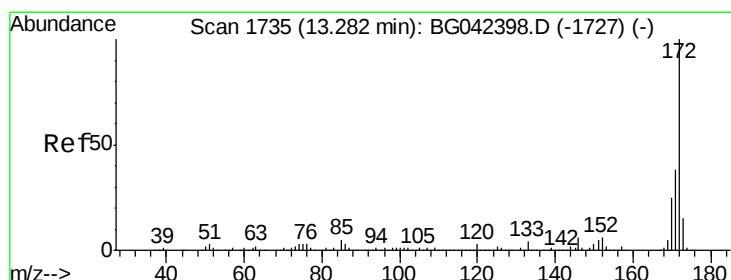
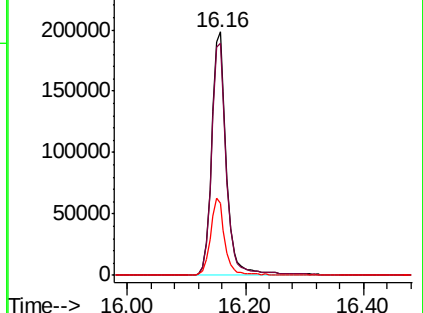
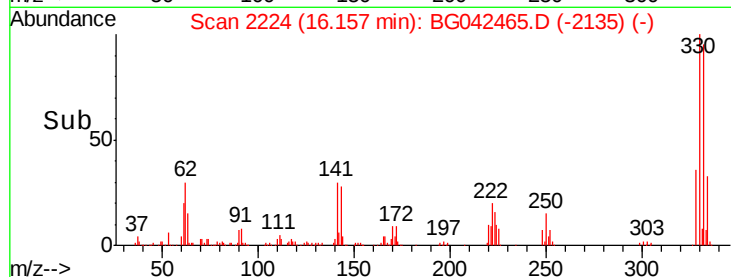
141 30.8 21.4 32.0



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: 105.451 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042465.D

Acq: 24 Aug 2019 13:26

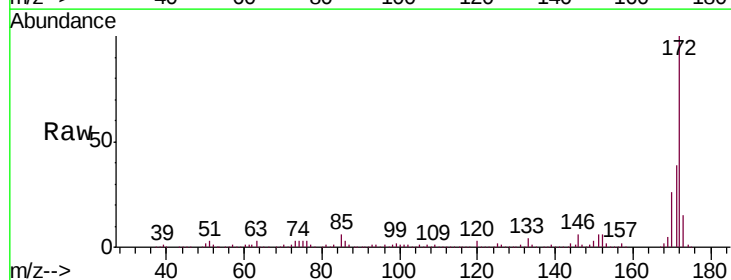
Tgt Ion:172 Resp: 1207566

Ion Ratio Lower Upper

172 100

171 39.2 30.5 45.7

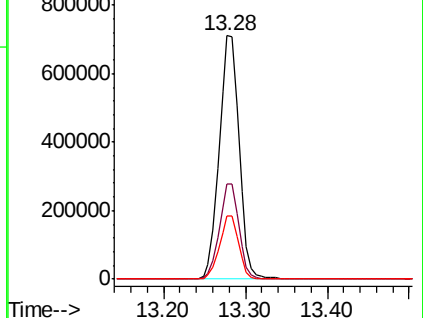
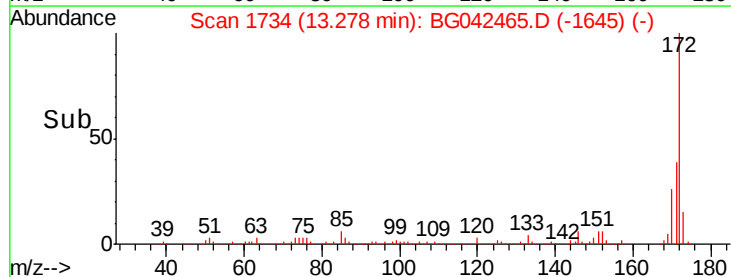
170 25.9 20.2 30.2

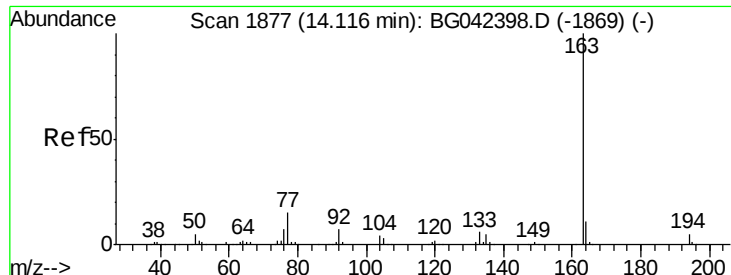


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

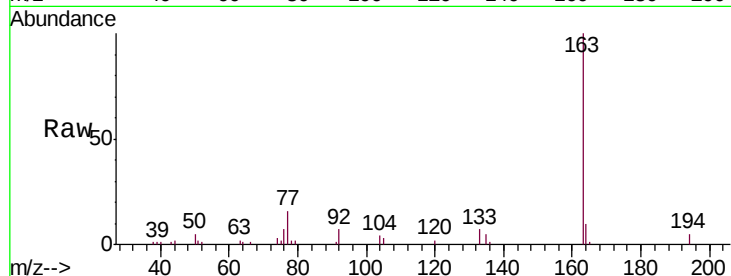




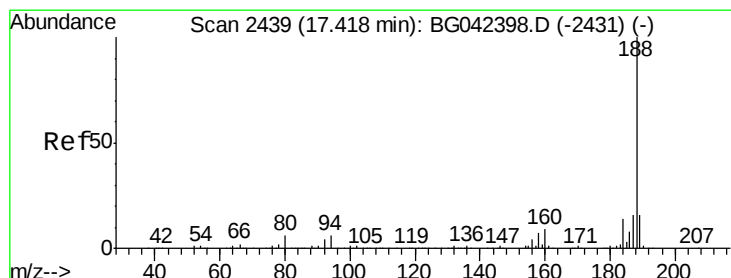
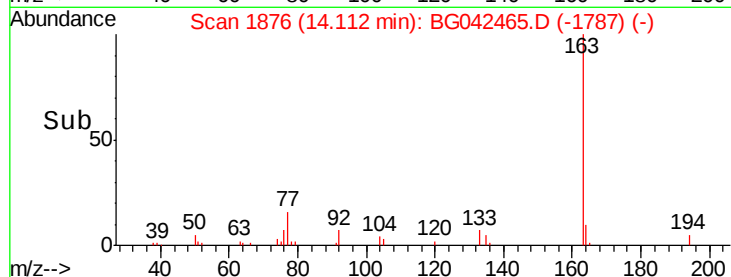
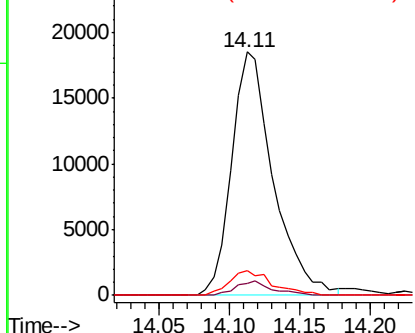
#50
Dimethylphthalate
Concen: 2.722 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042465.D
Acq: 24 Aug 2019 13:26

Instrument :
BNA_G
ClientSampleId :
T9-12-13-I-(0-1.9)

Tot Ion:163 Resp: 38036
Ion Ratio Lower Upper
163 100
194 5.2 4.2 6.2
164 10.1 8.8 13.2

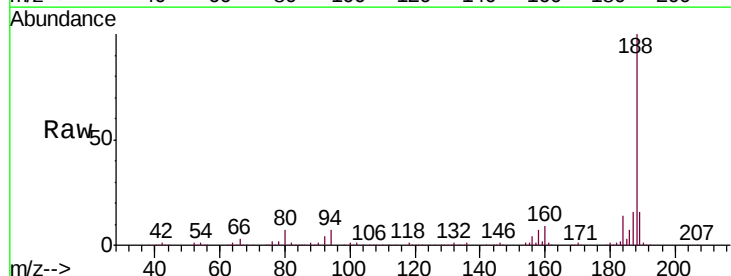


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

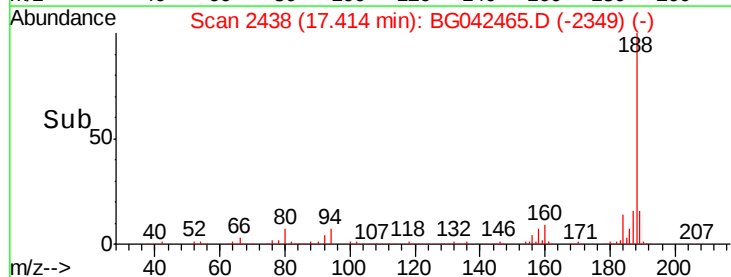
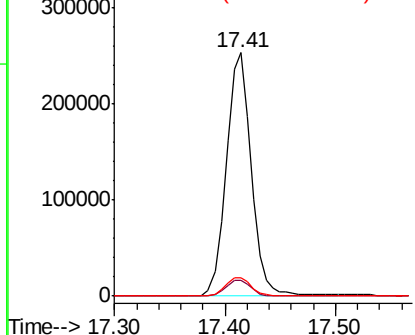


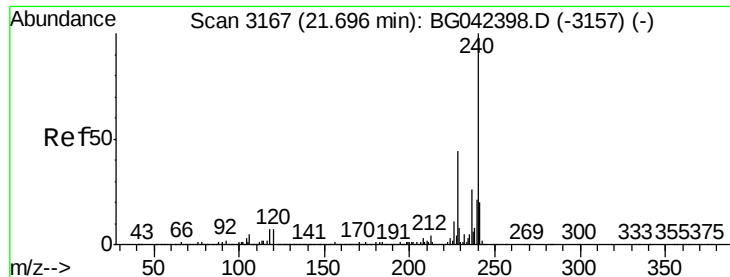
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042465.D
Acq: 24 Aug 2019 13:26

Tgt Ion:188 Resp: 401149
Ion Ratio Lower Upper
188 100
94 6.6 4.5 6.7
80 7.3 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

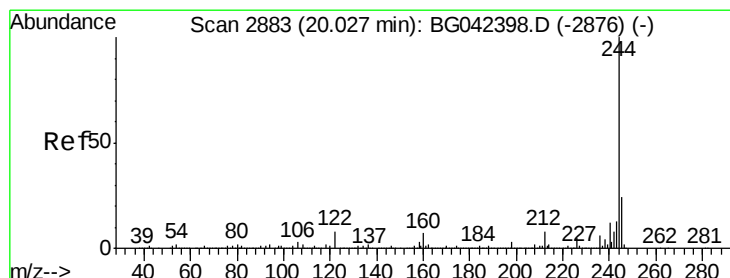
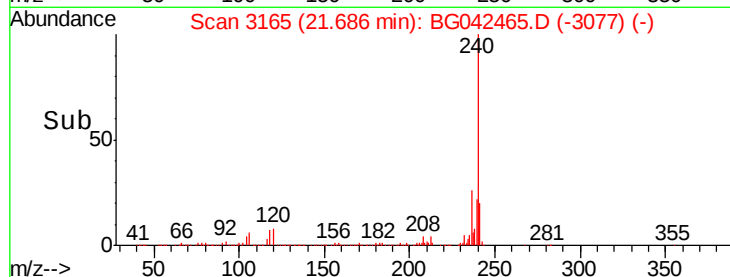
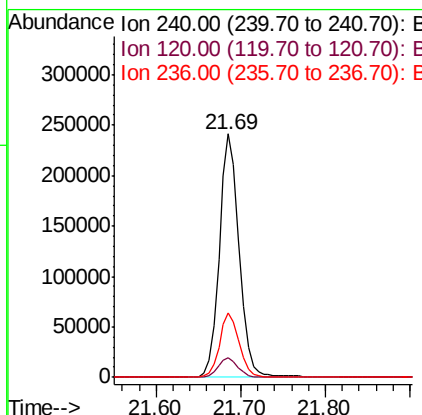
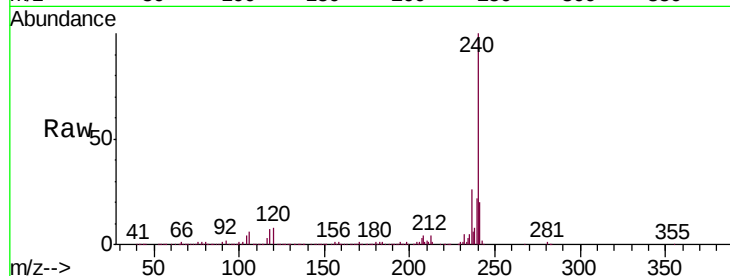




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042465.D
Acq: 24 Aug 2019 13:26

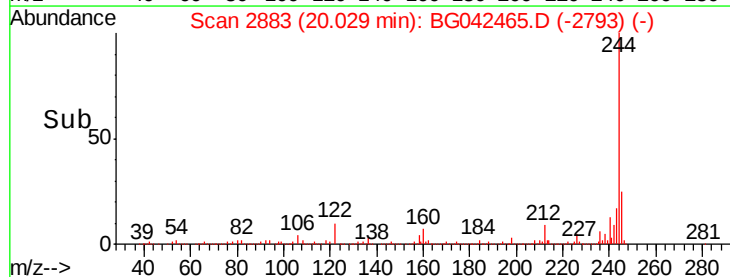
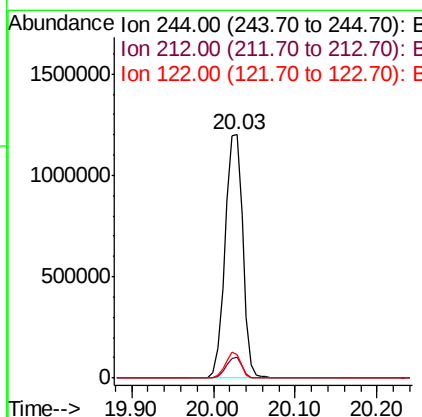
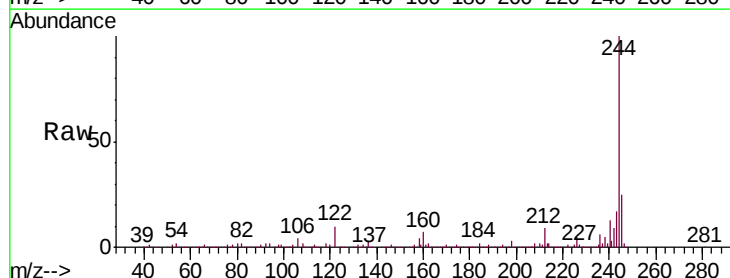
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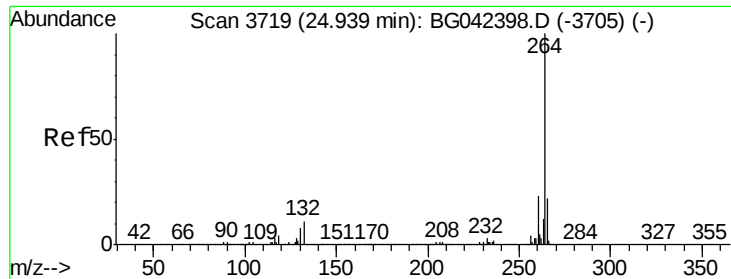
Tot Ion:240 Resp: 393931
Ion Ratio Lower Upper
240 100
120 8.1 5.7 8.5
236 26.2 21.0 31.4



#79
Terphenyl-d14
Concen: 98.989 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG042465.D
Acq: 24 Aug 2019 13:26

Tgt Ion:244 Resp: 1803714
Ion Ratio Lower Upper
244 100
212 8.7 6.0 9.0
122 9.6 6.7 10.1

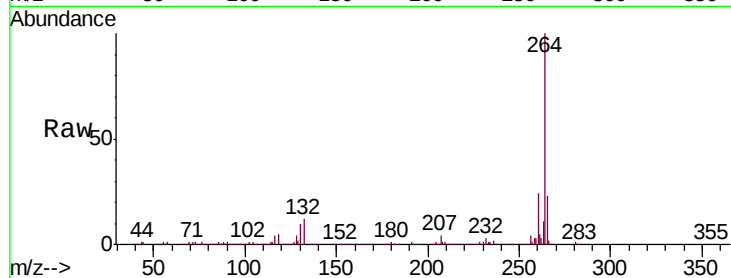




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042465.D
 Acq: 24 Aug 2019 13:26

Instrument :
 BNA_G
 ClientSampleId :
 T9-12-13-I-(0-1.9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.6	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

