

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042467.D
 Acq On : 24 Aug 2019 14:42
 Operator : HP/JU
 Sample : K4493-29
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Aug 26 05:45:20 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

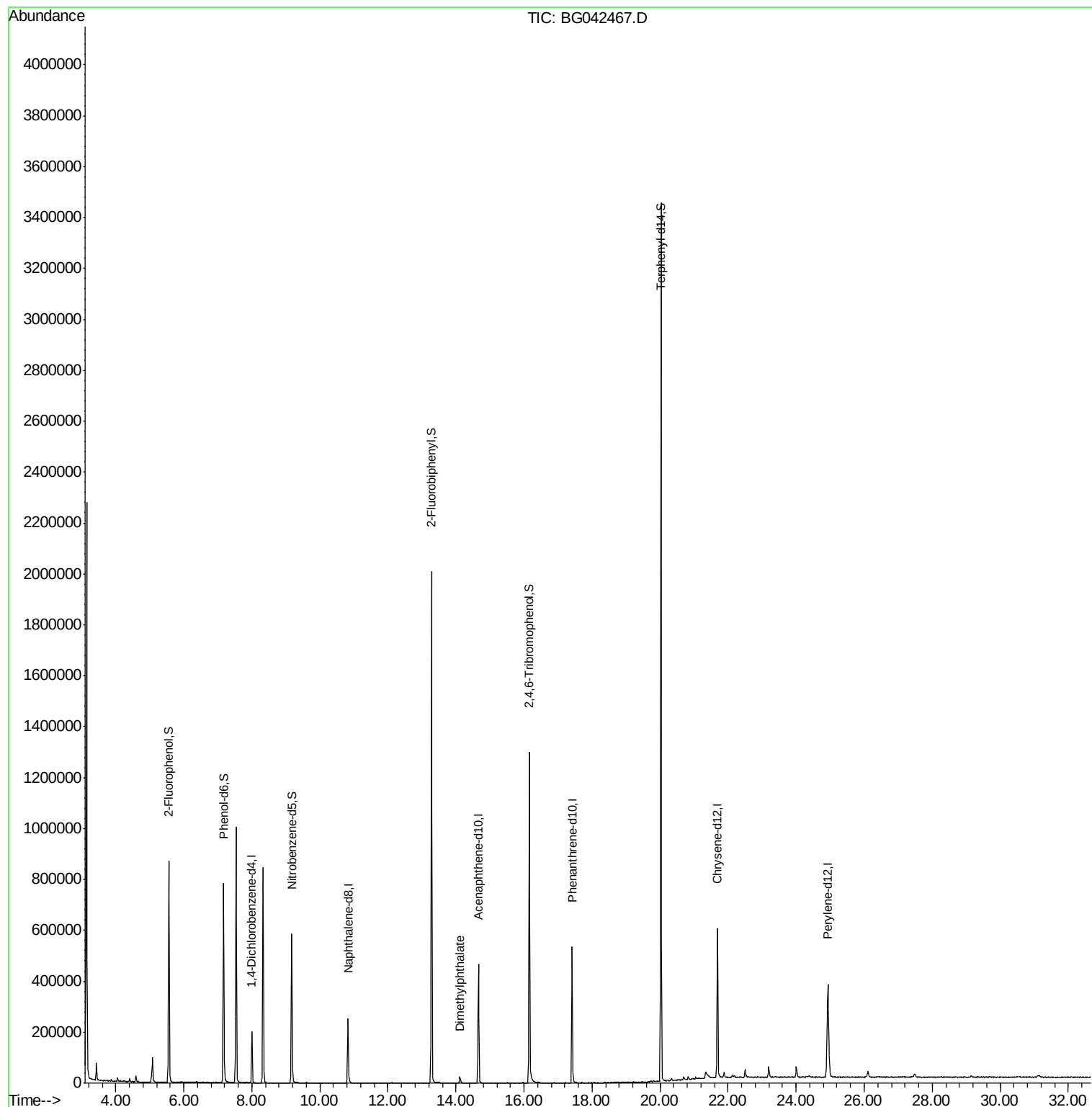
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	66390	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	266669	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	185152	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	388683	20.00	ng	0.00
76) Chrysene-d12	21.69	240	380634	20.00	ng	0.00
87) Perylene-d12	24.93	264	438838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	435922	132.98	ng	0.00
7) Phenol-d6	7.17	99	545421	123.18	ng	0.00
23) Nitrobenzene-d5	9.17	82	396457	102.74	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	327670	124.51	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1116112	101.95	ng	0.00
79) Terphenyl-d14	20.02	244	1724087	97.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	31765	2.378	ng	Qvalue 99

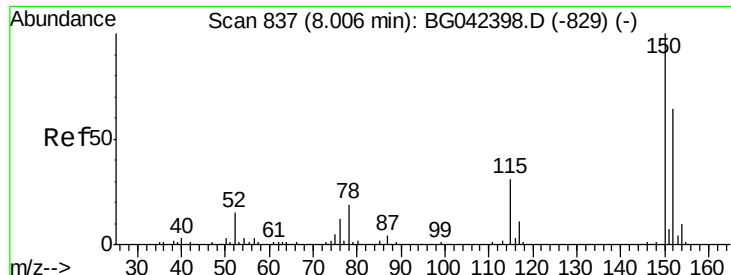
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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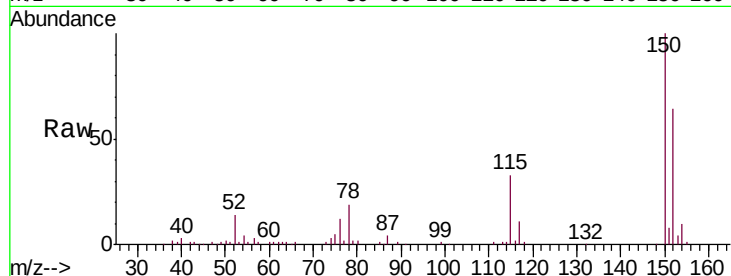


#1

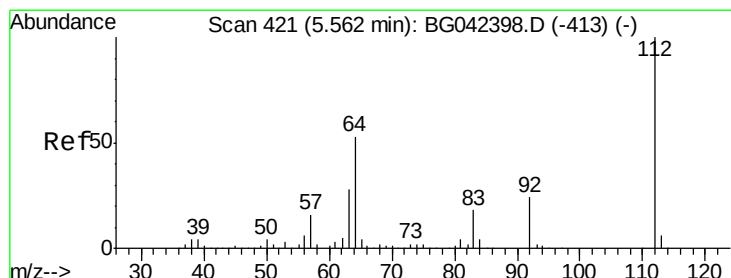
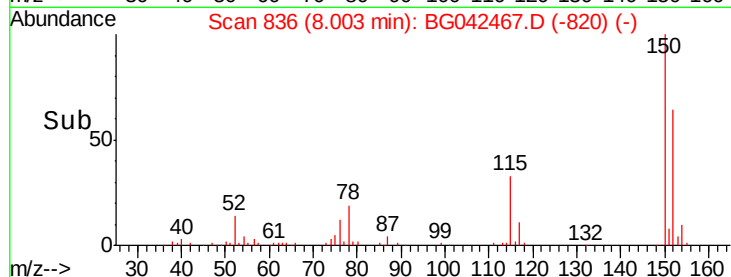
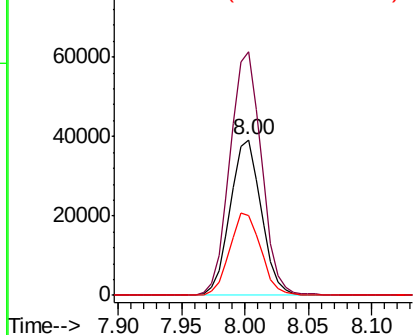
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042467.D
Acq: 24 Aug 2019 14:42

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

Tot Ion:152 Resp: 66390
Ion Ratio Lower Upper
152 100
150 156.3 125.4 188.0
115 51.0 38.5 57.7



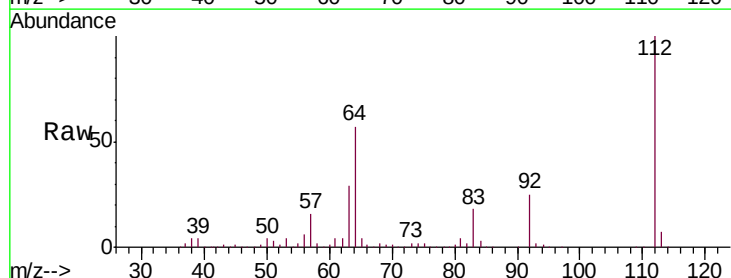
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



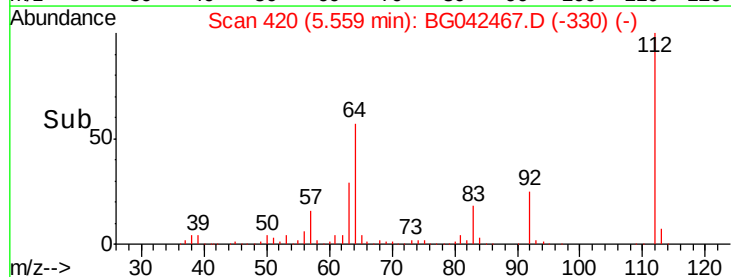
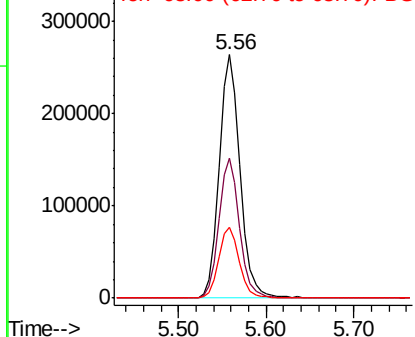
#5

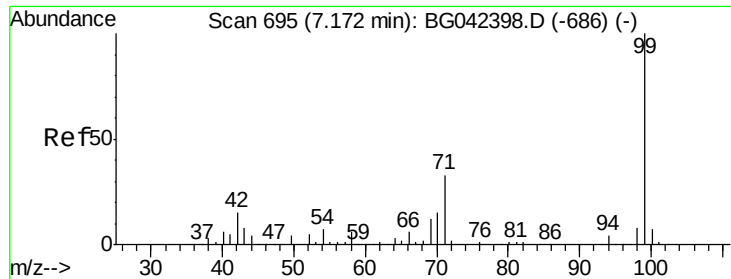
2-Fluorophenol
Concen: 132.982 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042467.D
Acq: 24 Aug 2019 14:42

Tgt Ion:112 Resp: 435922
Ion Ratio Lower Upper
112 100
64 57.3 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: 123.178 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042467.D

Acq: 24 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

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

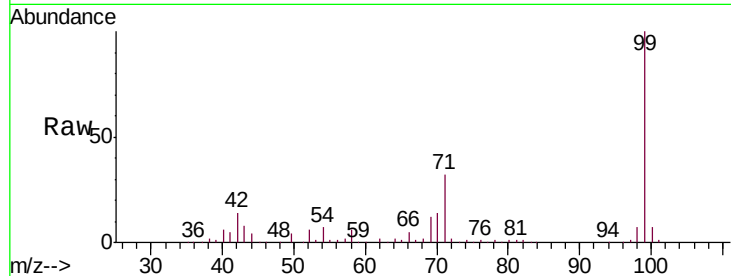
Tot Ion: 99 Resp: 545421

Ion Ratio Lower Upper

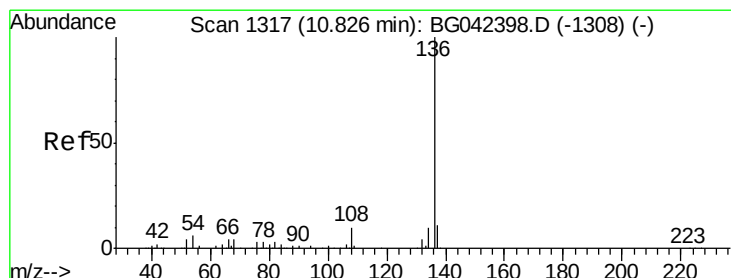
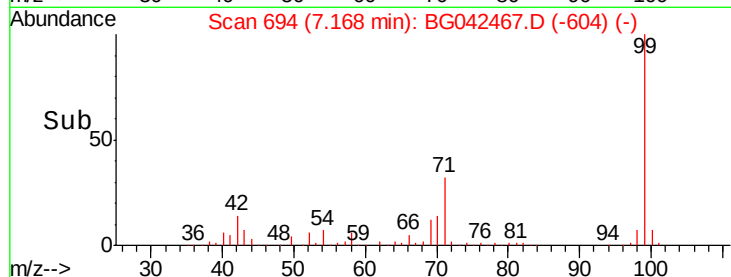
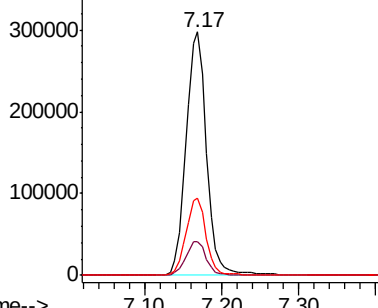
99 100

42 14.0 12.0 18.0

71 31.6 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: BG042467.D

Acq: 24 Aug 2019 14:42

Tgt Ion: 136 Resp: 266669

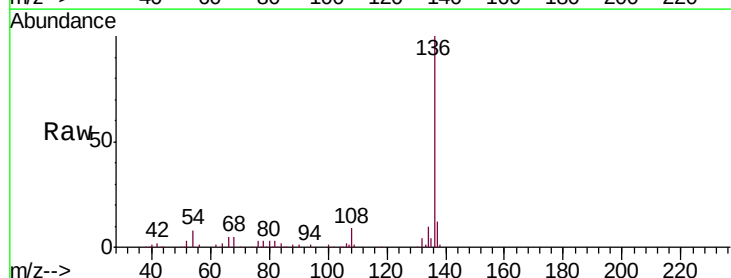
Ion Ratio Lower Upper

136 100

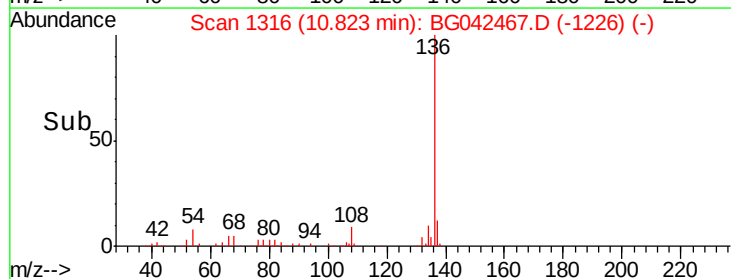
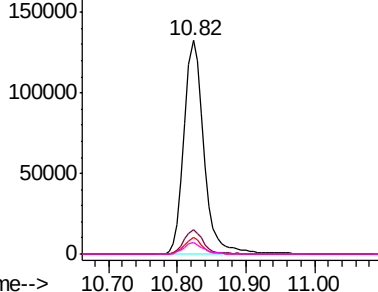
137 11.6 8.7 13.1

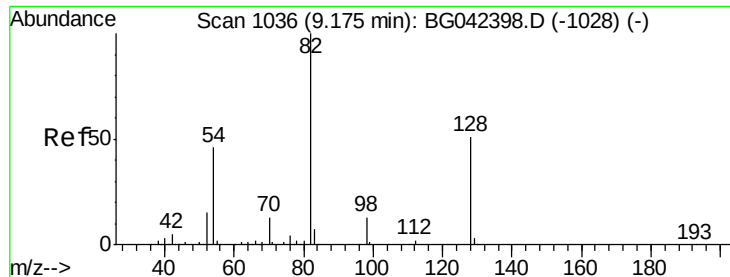
54 7.7 4.9 7.3#

68 5.2 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

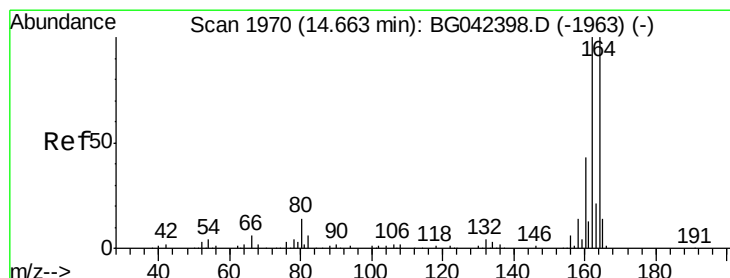
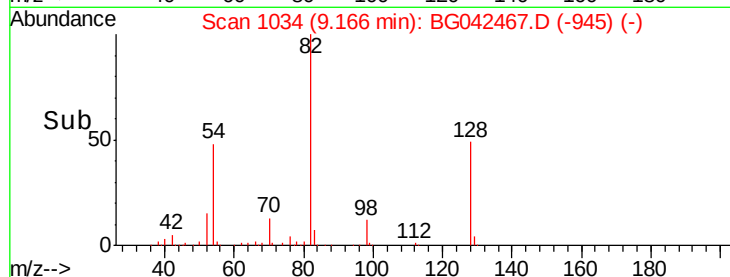
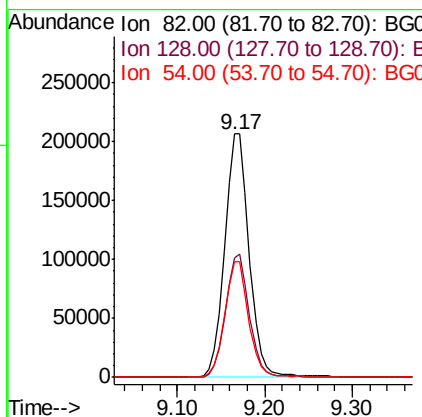
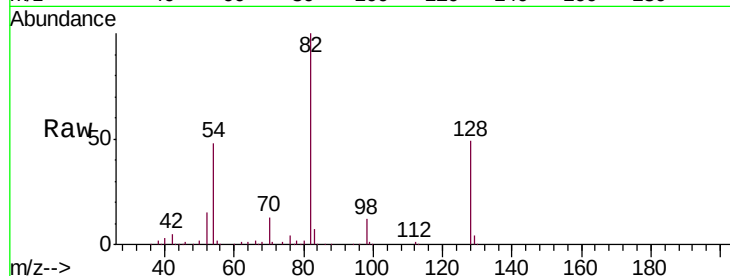




#23
 Nitrobenzene-d5
 Concen: 102.737 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042467.D
 Acq: 24 Aug 2019 14:42

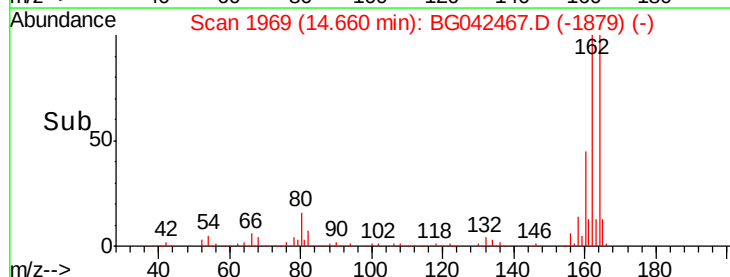
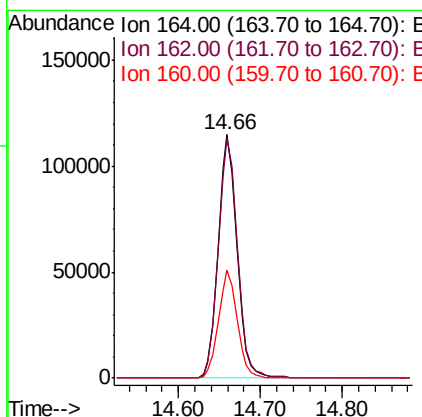
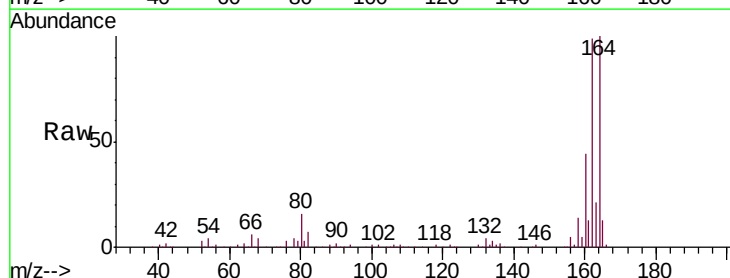
Instrument :
 BNA_G
 ClientSampleId :
 T9-12-13-J-(0-1.9)

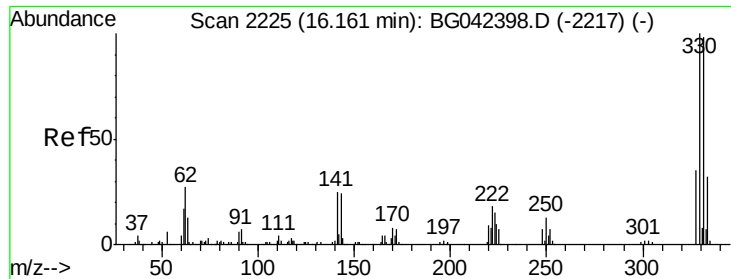
Tot Ion	82	Resp	396457
Ion Ratio	Lower	Upper	
82	100		
128	49.0	40.7	61.1
54	47.7	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG042467.D
 Acq: 24 Aug 2019 14:42

Tgt Ion	164	Resp	185152
Ion Ratio	Lower	Upper	
164	100		
162	98.7	79.9	119.9
160	44.3	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 124.512 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042467.D

Acq: 24 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

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

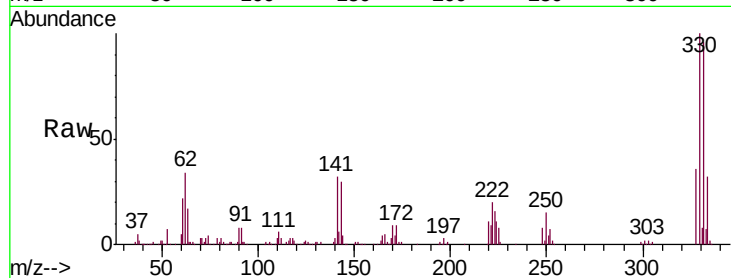
Tot Ion:330 Resp: 327670

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

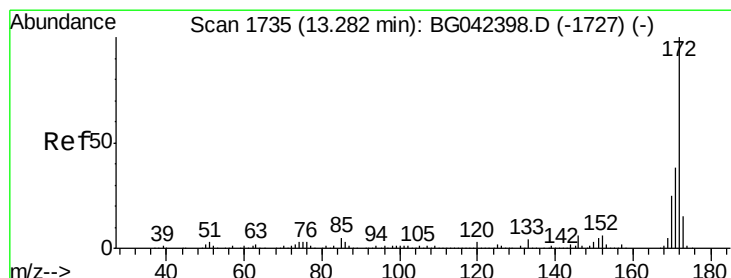
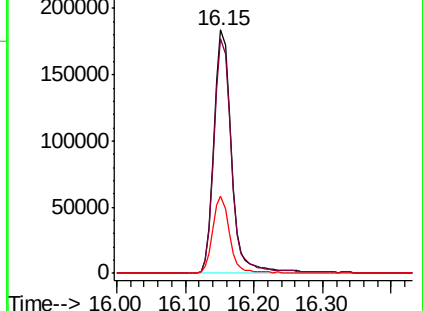
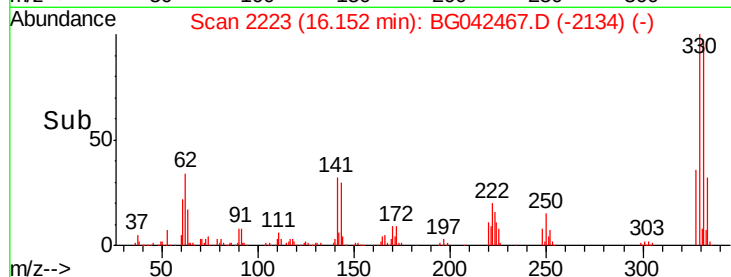
141 30.6 21.4 32.0



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: 101.952 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042467.D

Acq: 24 Aug 2019 14:42

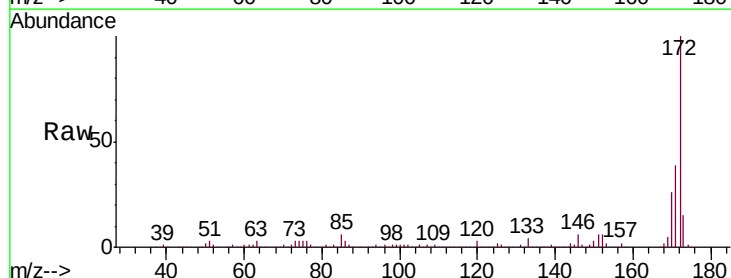
Tgt Ion:172 Resp: 1116112

Ion Ratio Lower Upper

172 100

171 39.1 30.5 45.7

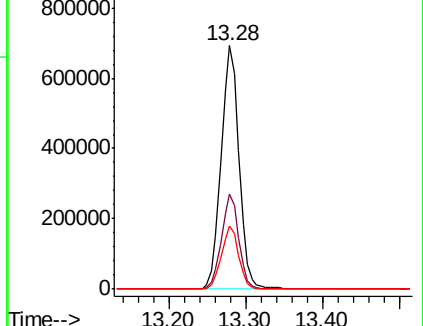
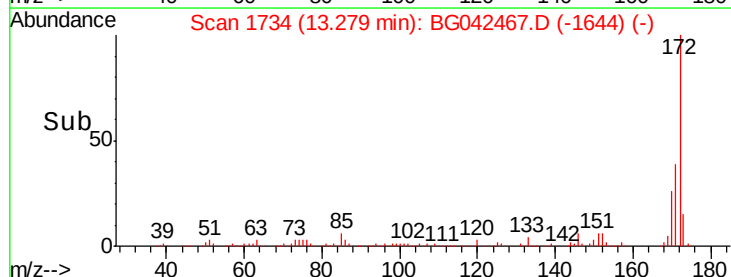
170 26.0 20.2 30.2

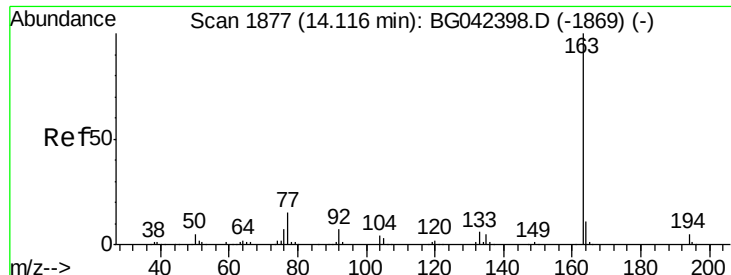


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

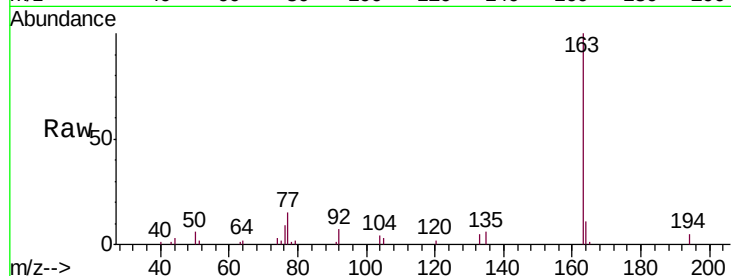




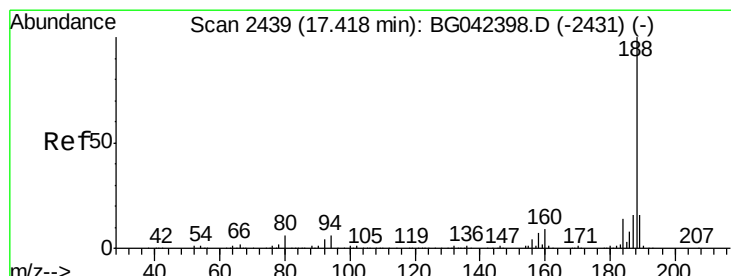
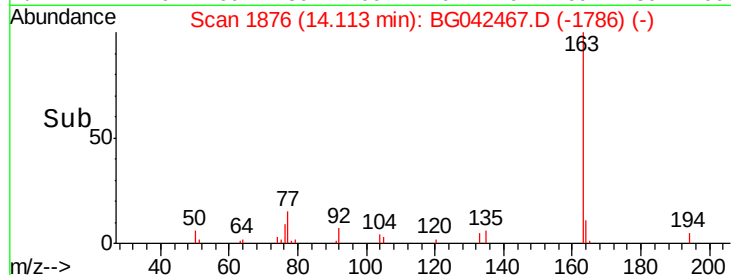
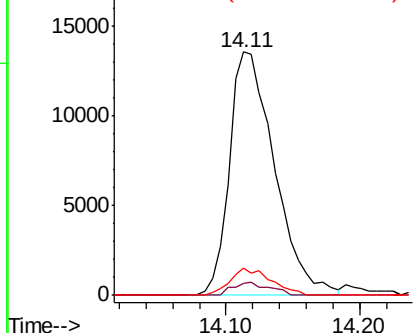
#50
Dimethylphthalate
Concen: 2.378 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042467.D
Acq: 24 Aug 2019 14:42

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

Tot Ion:163 Resp: 31765
Ion Ratio Lower Upper
163 100
194 4.8 4.2 6.2
164 11.2 8.8 13.2

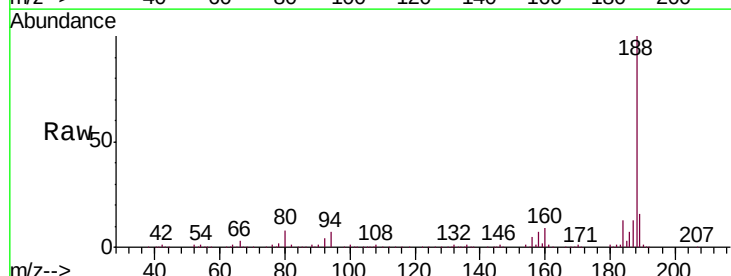


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

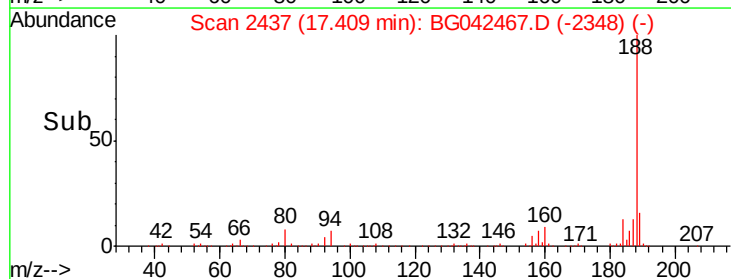
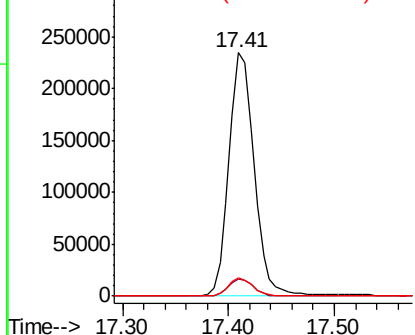


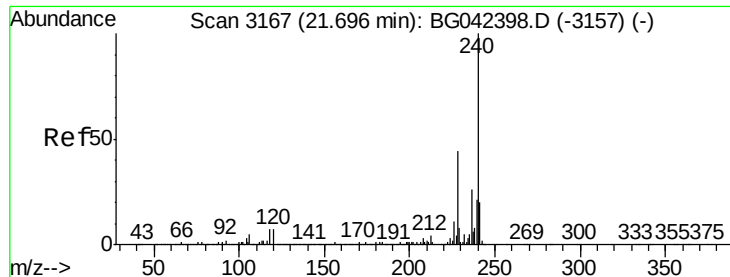
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042467.D
Acq: 24 Aug 2019 14:42

Tgt Ion:188 Resp: 388683
Ion Ratio Lower Upper
188 100
94 6.8 4.5 6.7#
80 7.7 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

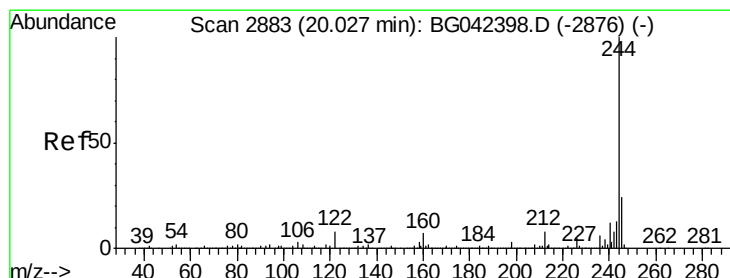
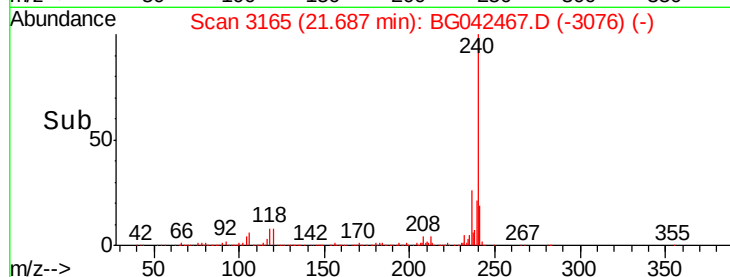
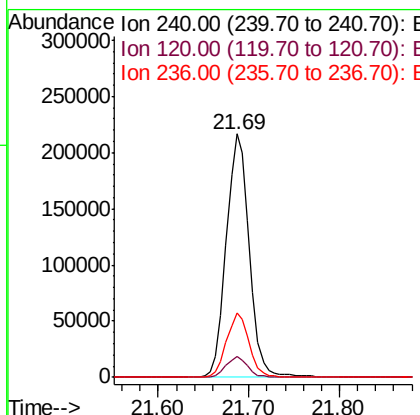
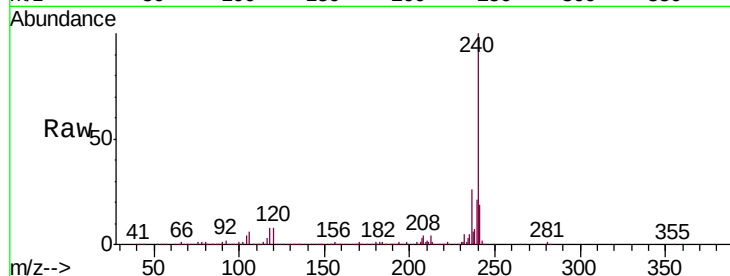




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042467.D
 Acq: 24 Aug 2019 14:42

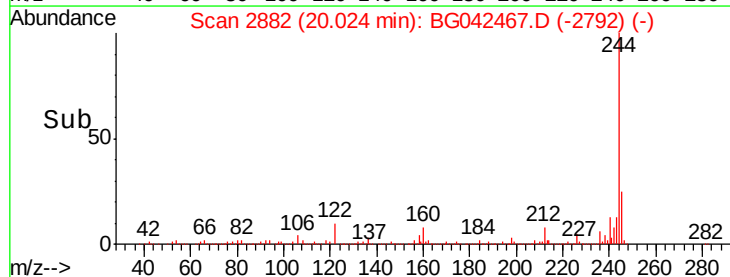
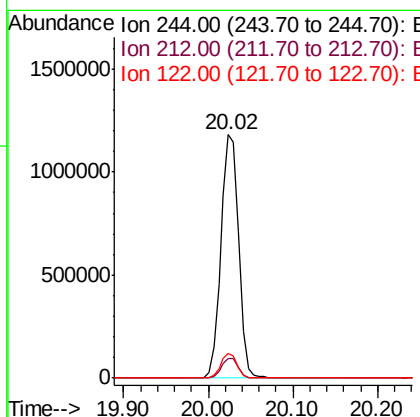
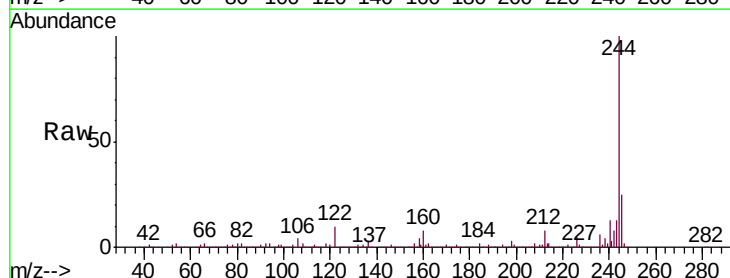
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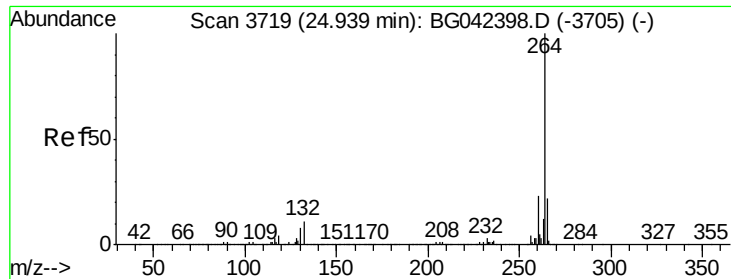
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.7	8.5
236	26.3	21.0	31.4



#79
 Terphenyl-d14
 Concen: 97.924 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG042467.D
 Acq: 24 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	10.2	6.7	10.1#

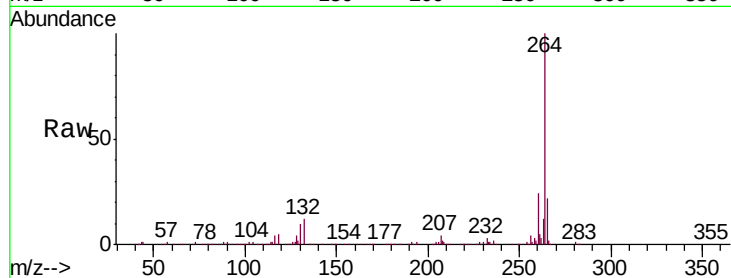




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042467.D
 Acq: 24 Aug 2019 14:42

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.6	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

