

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042451.D
 Acq On : 24 Aug 2019 2:31
 Operator : HP/JU
 Sample : K4475-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-2A

Quant Time: Aug 24 05:18:34 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

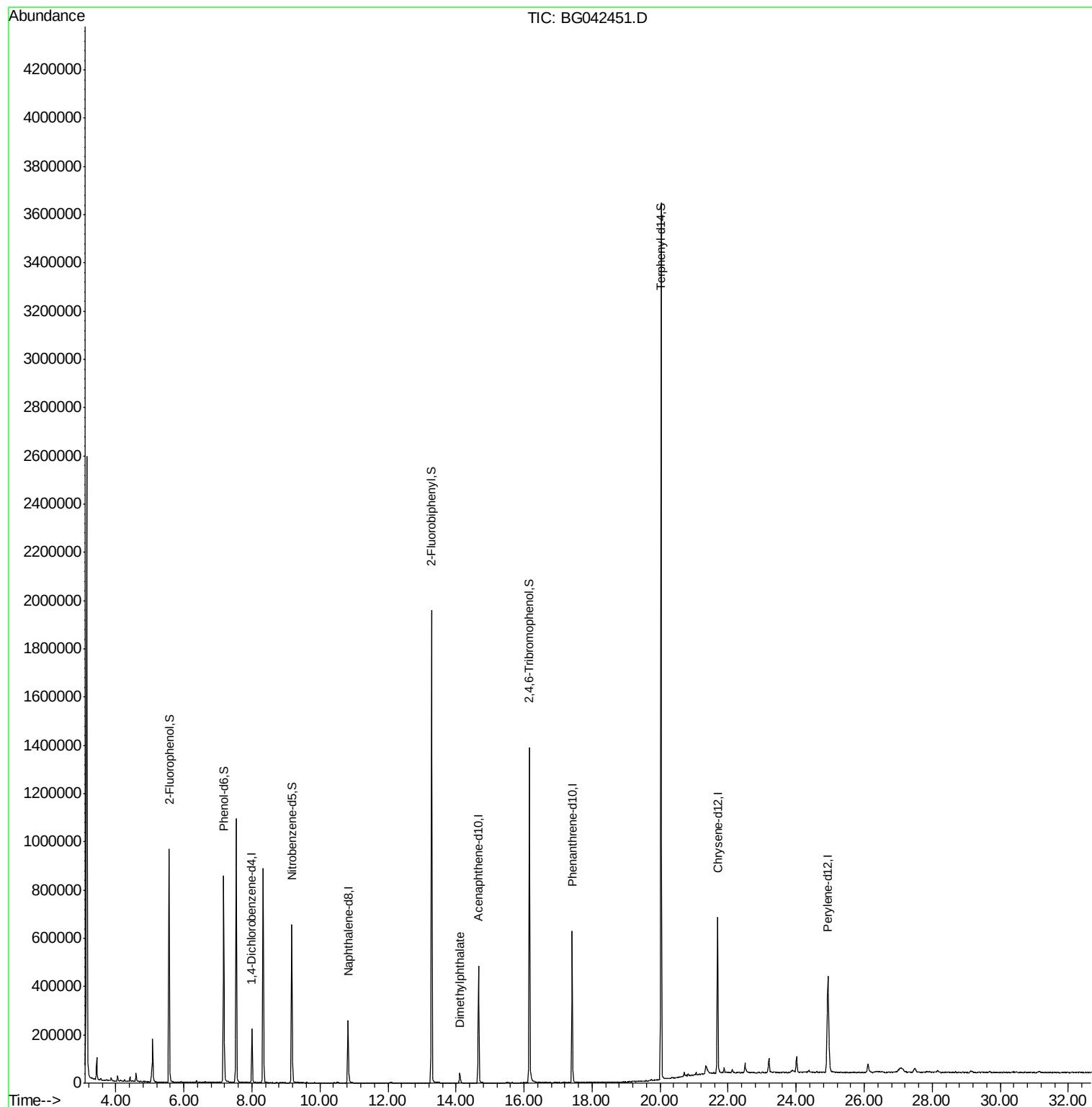
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	72001	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	284405	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	197702	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	425459	20.00	ng	0.00
76) Chrysene-d12	21.69	240	411902	20.00	ng	0.00
87) Perylene-d12	24.93	264	472718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	483488	136.00	ng	0.00
7) Phenol-d6	7.17	99	600725	125.10	ng	0.00
23) Nitrobenzene-d5	9.17	82	423407	102.88	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	338306	120.39	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1143059	97.79	ng	0.00
79) Terphenyl-d14	20.03	244	1814190	95.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	45937	3.220	ng	Qvalue 98

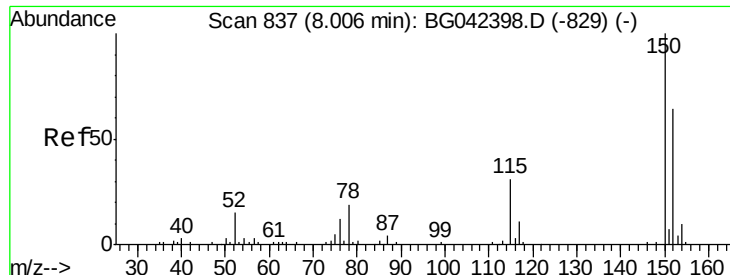
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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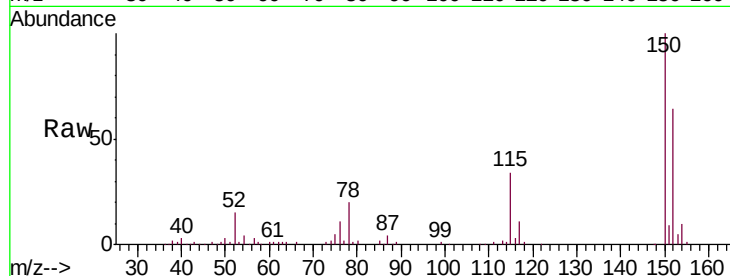


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042451.D
Acq: 24 Aug 2019 2:31

Instrument :
BNA_G
ClientSampleId :
T1-2A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.4	188.0
115	53.2	38.5	57.7

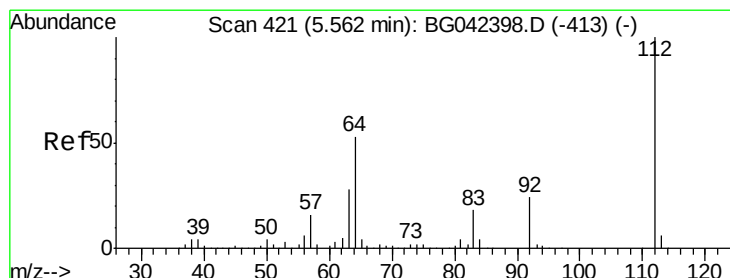
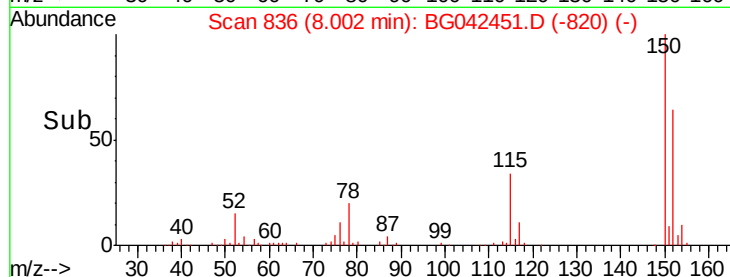
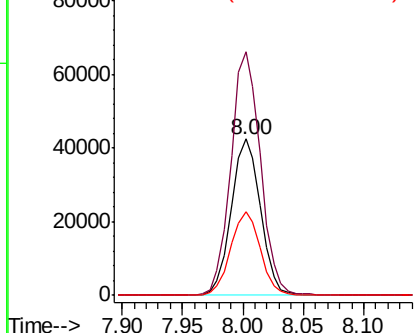


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

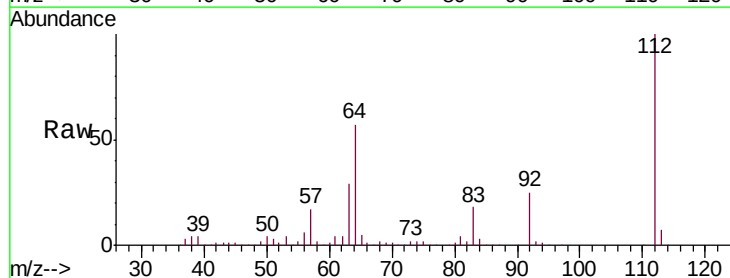
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.999 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042451.D
Acq: 24 Aug 2019 2:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	42.8	64.2
63	29.0	22.7	34.1

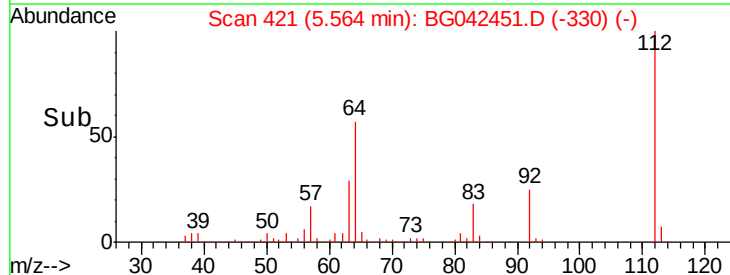
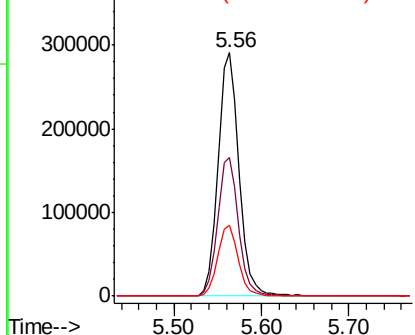


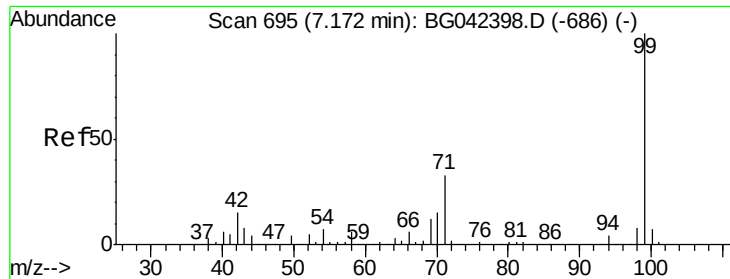
Abundance

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: 125.096 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042451.D

Acq: 24 Aug 2019 2:31

Instrument :

BNA_G

ClientSampleId :

T1-2A

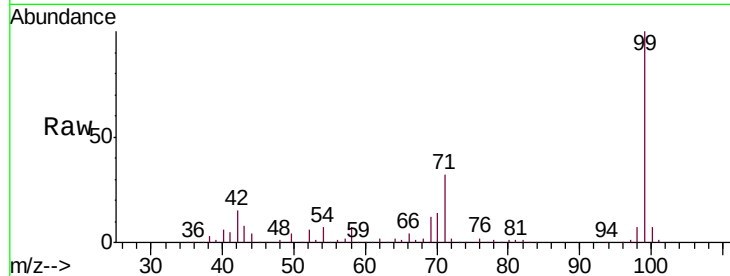
Tot Ion: 99 Resp: 600725

Ion Ratio Lower Upper

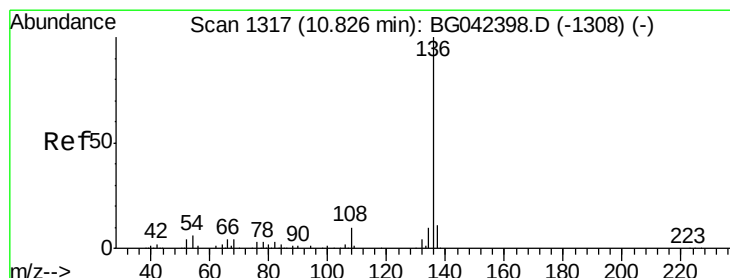
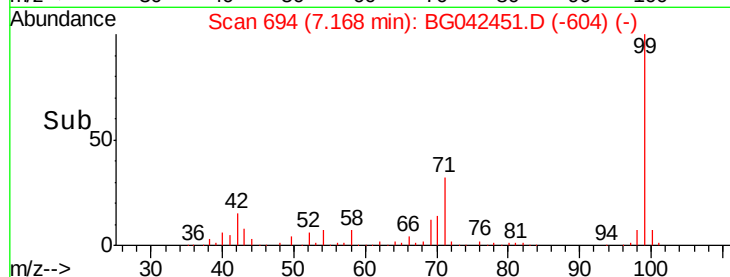
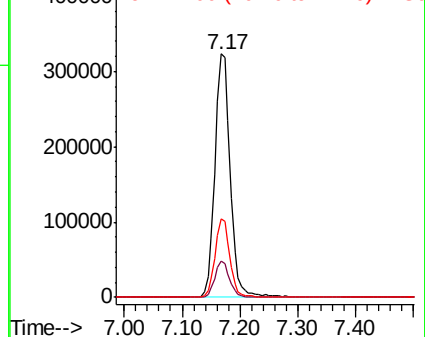
99 100

42 14.7 12.0 18.0

71 32.3 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: BG042451.D

Acq: 24 Aug 2019 2:31

Tgt Ion: 136 Resp: 284405

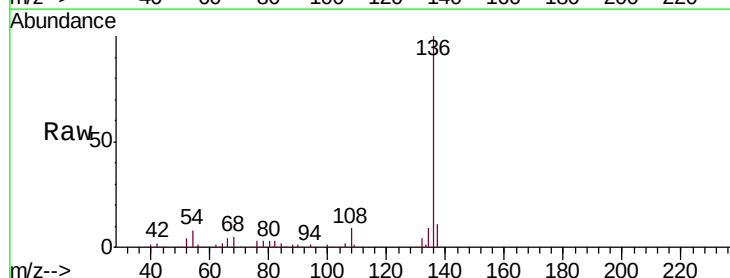
Ion Ratio Lower Upper

136 100

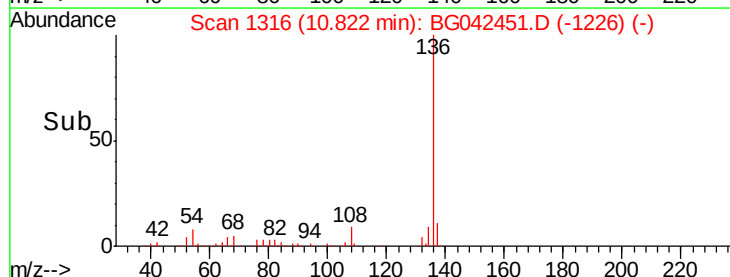
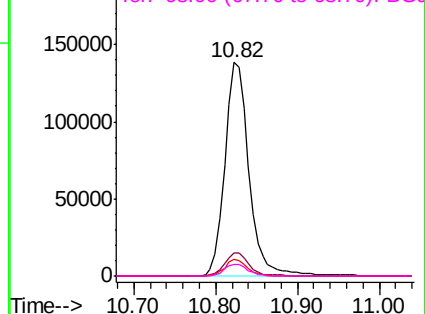
137 10.9 8.7 13.1

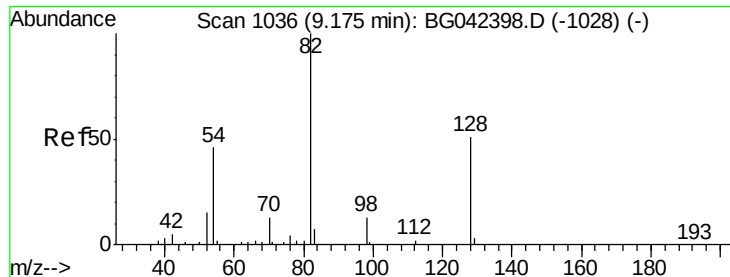
54 7.8 4.9 7.3#

68 5.4 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

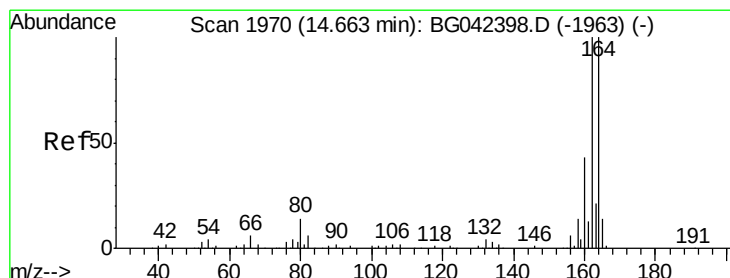
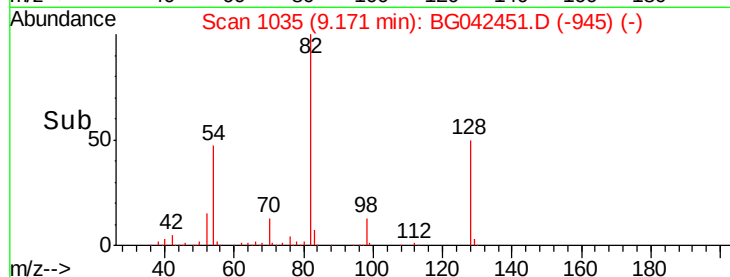
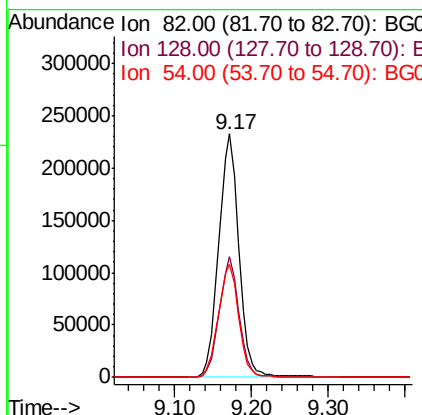
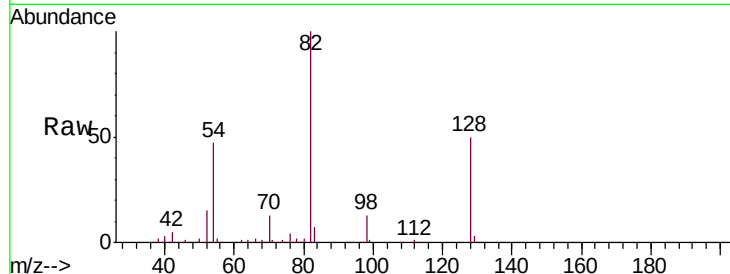




#23
Nitrobenzene-d5
Concen: 102.878 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042451.D
Acq: 24 Aug 2019 2:31

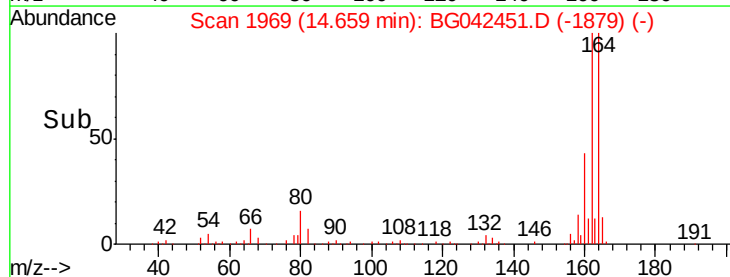
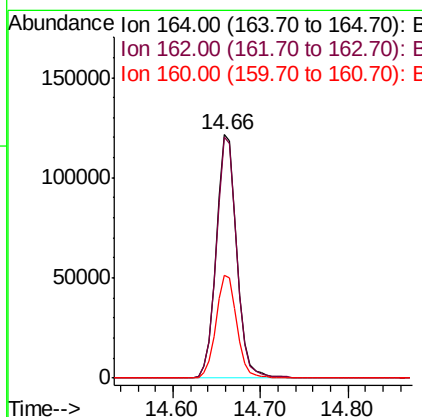
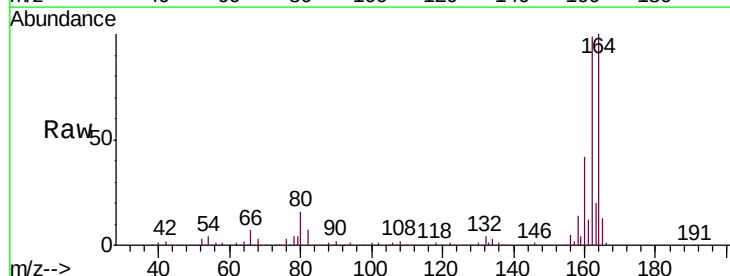
Instrument :
BNA_G
ClientSampleId :
T1-2A

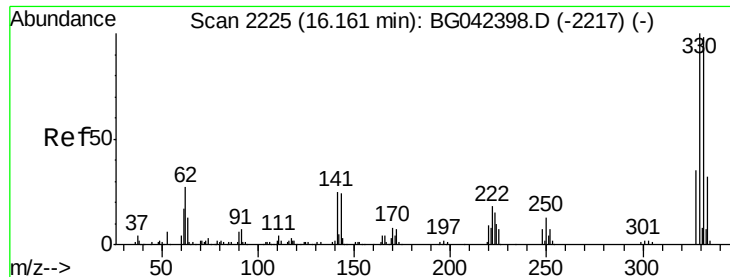
Tot Ion	82	Resp	423407
Ion Ratio	Lower	Upper	
82	100		
128	49.9	40.7	61.1
54	46.6	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042451.D
Acq: 24 Aug 2019 2:31

Tgt Ion	164	Resp	197702
Ion Ratio	Lower	Upper	
164	100		
162	99.1	79.9	119.9
160	42.4	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 120.393 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042451.D

Acq: 24 Aug 2019 2:31

Instrument :

BNA_G

ClientSampleId :

T1-2A

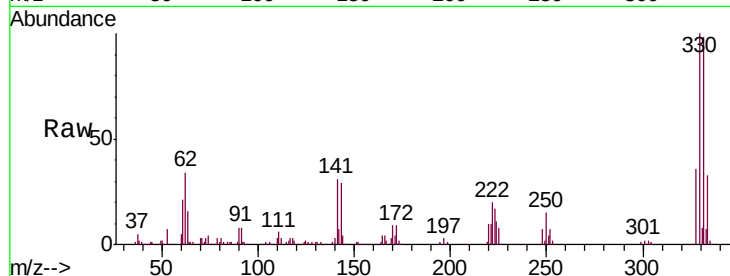
Tot Ion:330 Resp: 338306

Ion Ratio Lower Upper

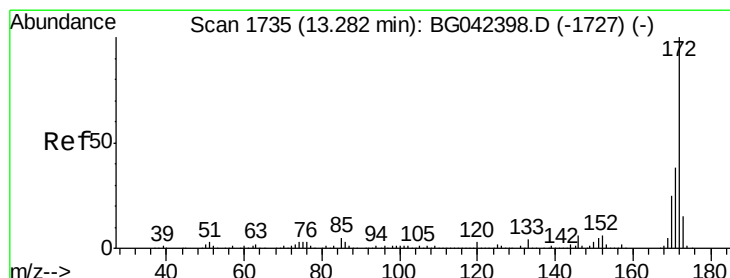
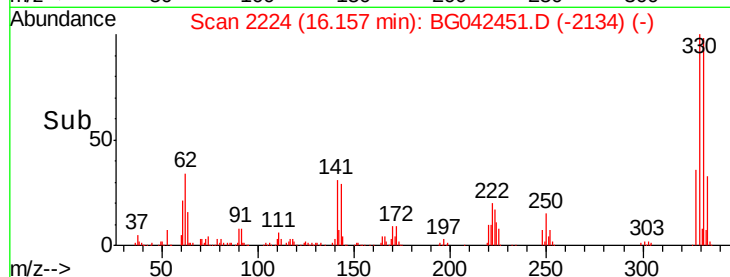
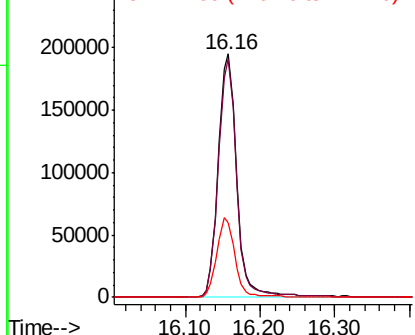
330 100

332 96.9 77.4 116.0

141 32.2 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: 97.785 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042451.D

Acq: 24 Aug 2019 2:31

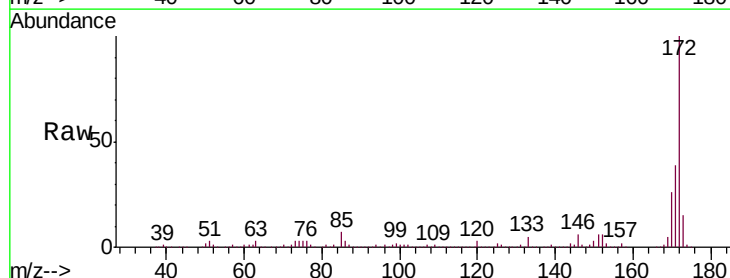
Tgt Ion:172 Resp: 1143059

Ion Ratio Lower Upper

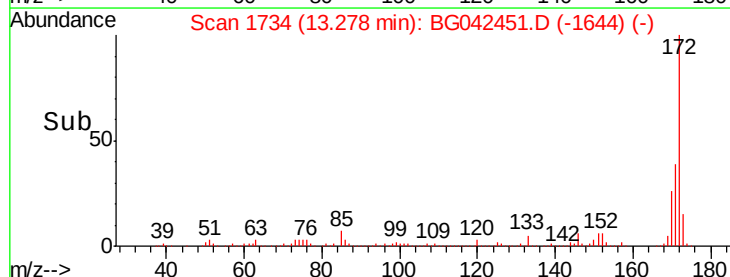
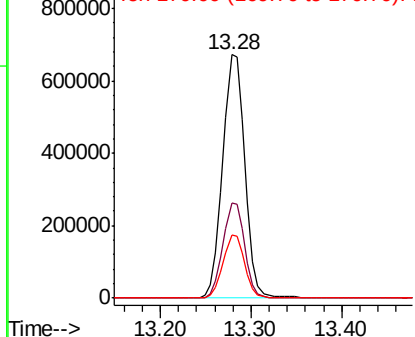
172 100

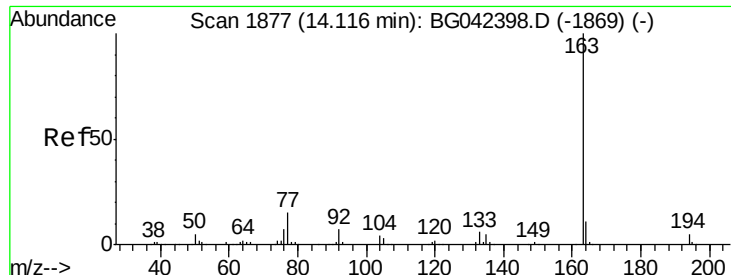
171 39.0 30.5 45.7

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

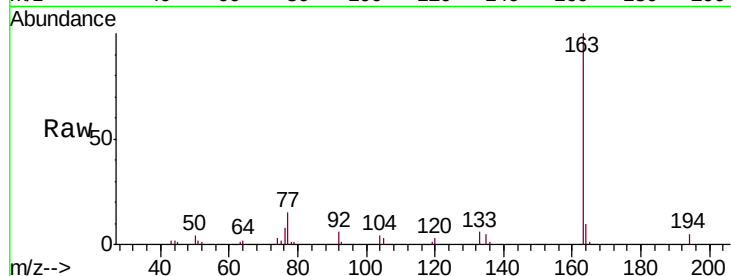




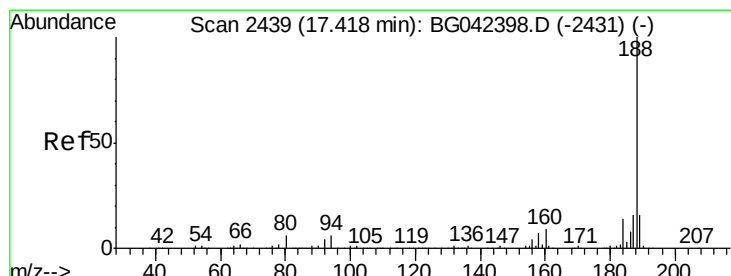
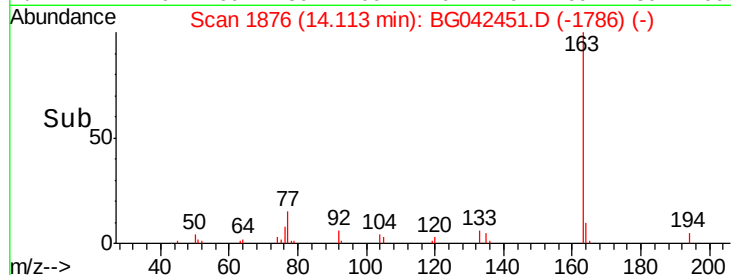
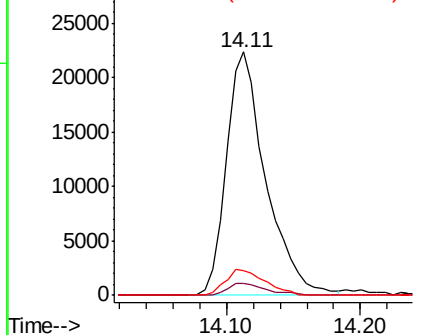
#50
Dimethylphthalate
Concen: 3.220 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042451.D
Acq: 24 Aug 2019 2:31

Instrument :
BNA_G
ClientSampleId :
T1-2A

Tot Ion:163 Resp: 45937
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 10.0 8.8 13.2

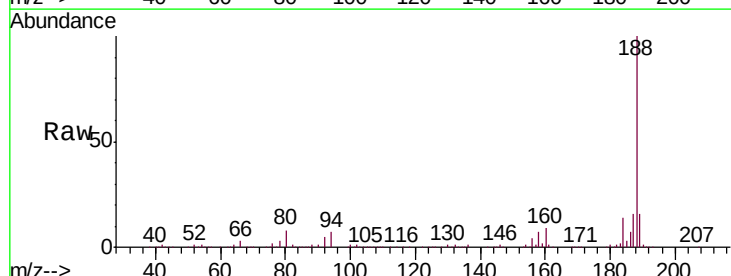


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

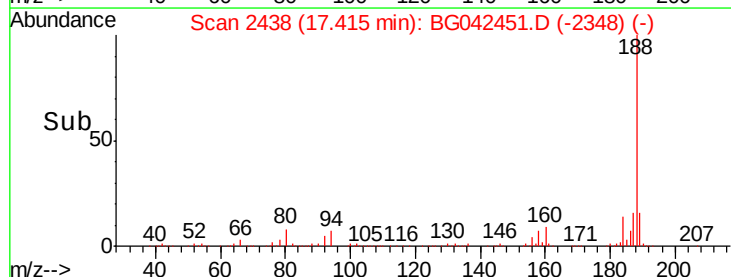
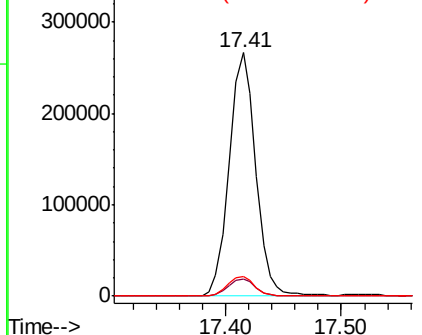


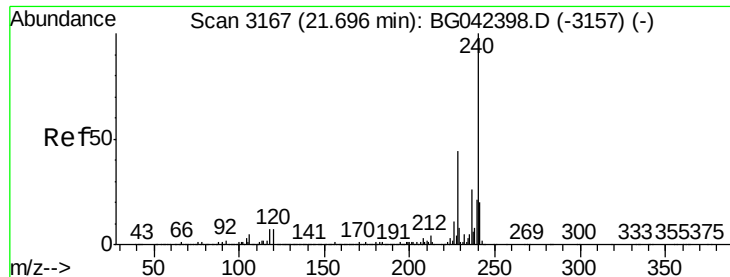
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042451.D
Acq: 24 Aug 2019 2:31

Tgt Ion:188 Resp: 425459
Ion Ratio Lower Upper
188 100
94 7.2 4.5 6.7#
80 7.9 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

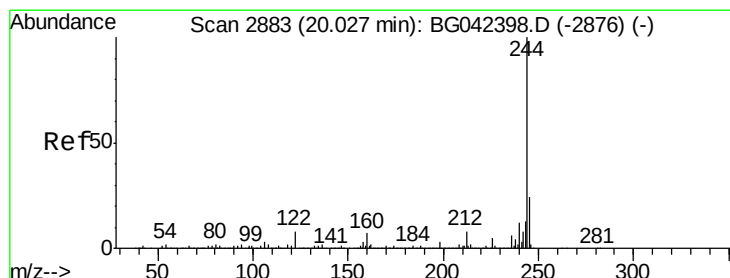
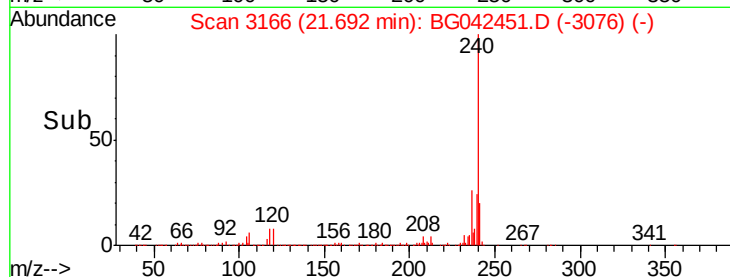
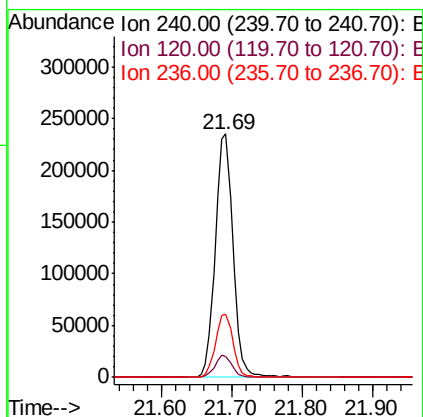
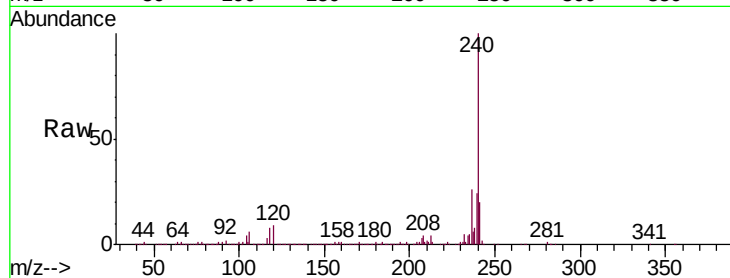




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042451.D
Acq: 24 Aug 2019 2:31

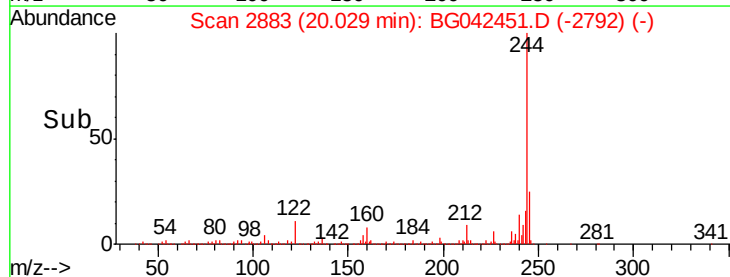
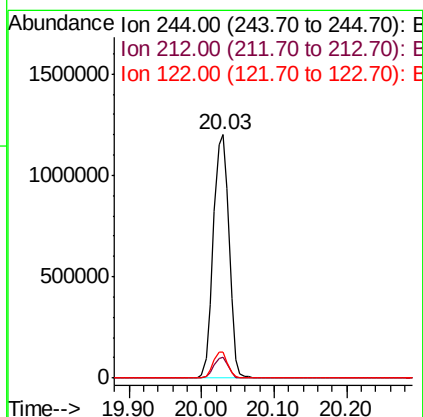
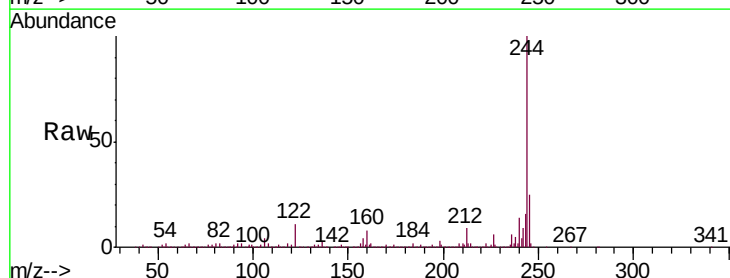
Instrument :
BNA_G
ClientSampleId :
T1-2A

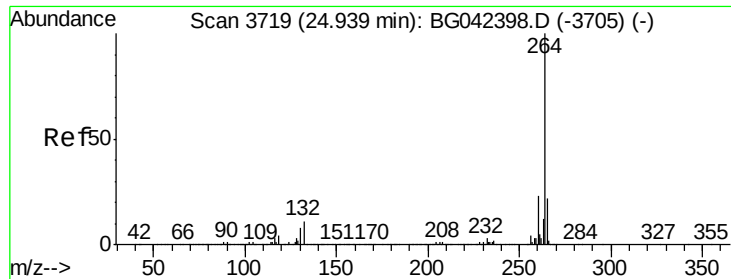
Tot Ion:240 Resp: 411902
Ion Ratio Lower Upper
240 100
120 8.5 5.7 8.5#
236 25.9 21.0 31.4



#79
Terphenyl-d14
Concen: 95.220 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG042451.D
Acq: 24 Aug 2019 2:31

Tgt Ion:244 Resp: 1814190
Ion Ratio Lower Upper
244 100
212 8.8 6.0 9.0
122 10.7 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: BG042451.D
Acq: 24 Aug 2019 2:31

Instrument :
BNA_G
ClientSampleId :
T1-2A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.2	17.6	26.4

