

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042440.D
 Acq On : 23 Aug 2019 19:26
 Operator : HP/JU
 Sample : K4087-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-082119

Quant Time: Aug 24 02:19:32 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

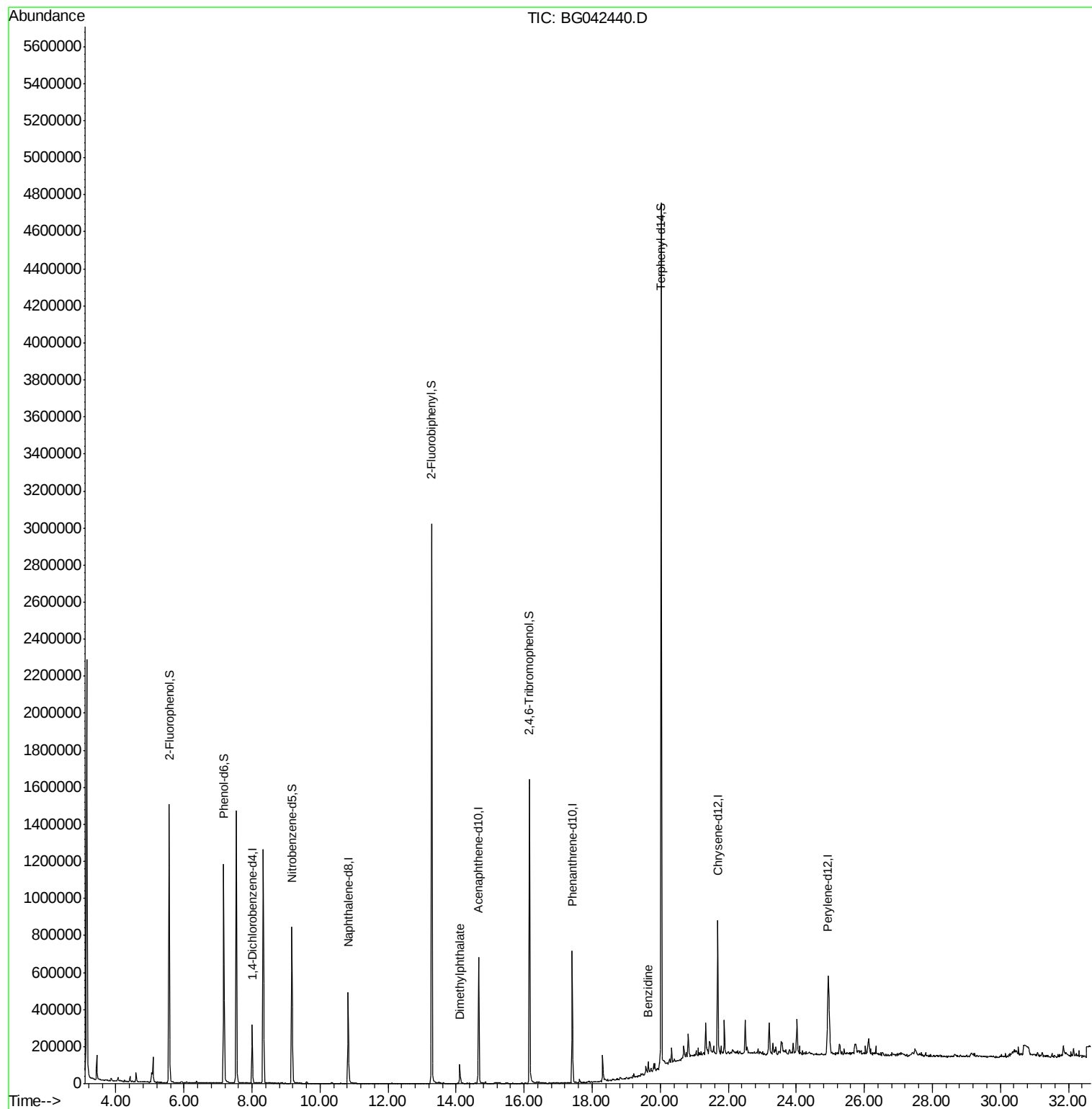
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	102732	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	479419	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	260346	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	483936	20.00	ng	0.00
76) Chrysene-d12	21.70	240	451411	20.00	ng	0.00
87) Perylene-d12	24.94	264	523735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	778836	153.54	ng	0.00
7) Phenol-d6	7.17	99	852440	124.41	ng	0.00
23) Nitrobenzene-d5	9.17	82	569324	82.06	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	397084	107.31	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1735396	112.74	ng	0.00
79) Terphenyl-d14	20.03	244	2117406	101.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	96576	5.141	ng	100
77) Benzidine	19.65	184	27912	2.157	ng	98

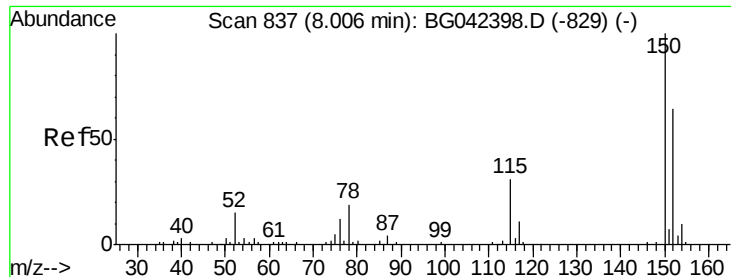
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



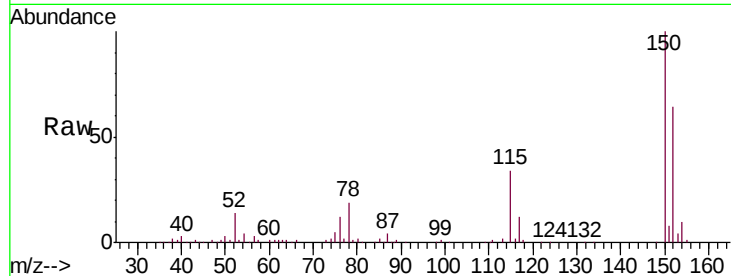


#1

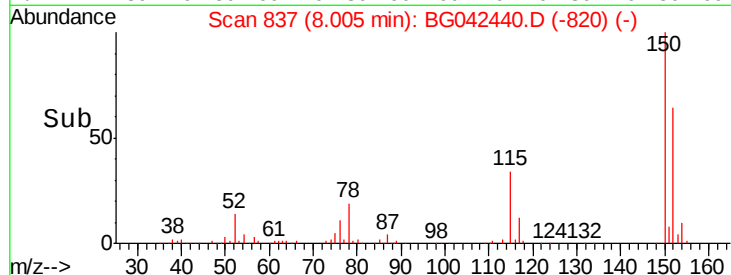
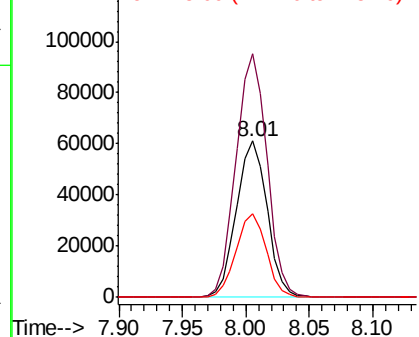
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

Instrument :
BNA_G
ClientSampleId :
HD-02-082119

Tot Ion:152 Resp: 102732
Ion Ratio Lower Upper
152 100
150 155.6 125.4 188.0
115 53.4 38.5 57.7



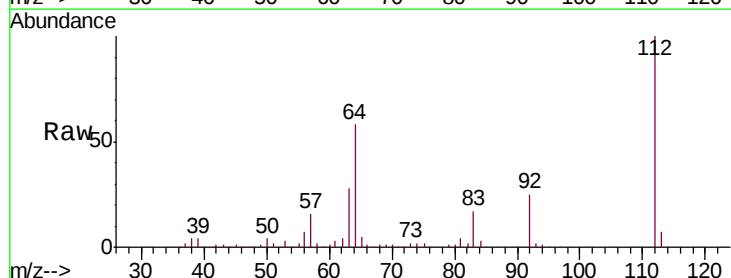
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



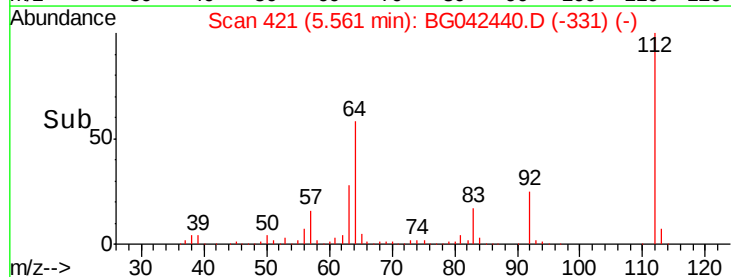
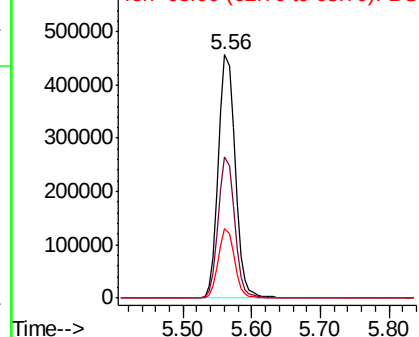
#5

2-Fluorophenol
Concen: 153.542 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

Tgt Ion:112 Resp: 778836
Ion Ratio Lower Upper
112 100
64 58.2 42.8 64.2
63 28.5 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: 124.412 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

Instrument :

BNA_G

ClientSampleId :

HD-02-082119

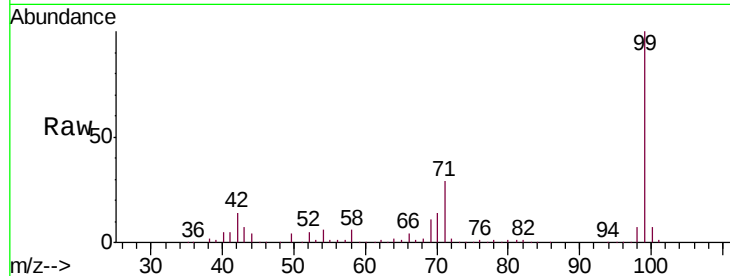
Tot Ion: 99 Resp: 852440

Ion Ratio Lower Upper

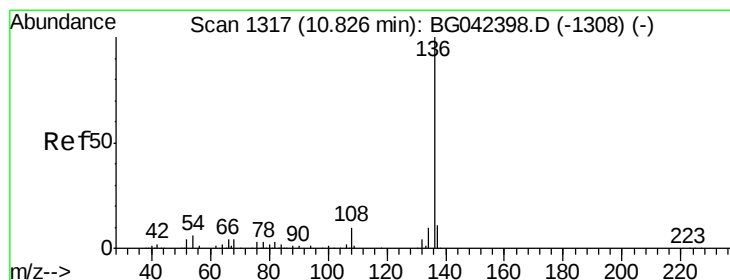
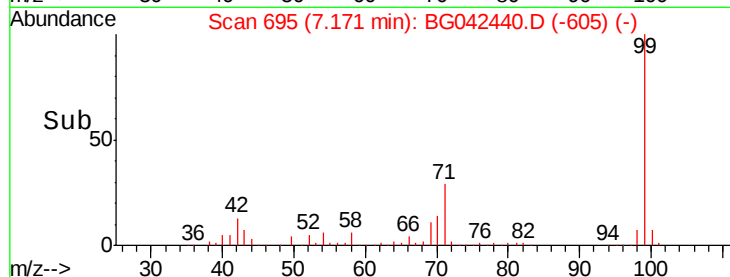
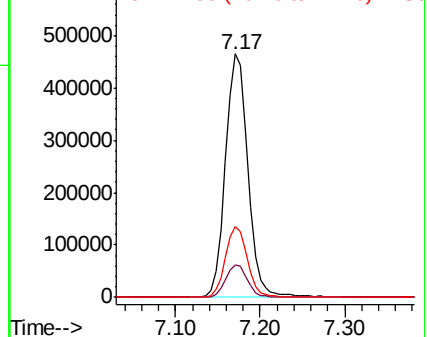
99 100

42 13.6 12.0 18.0

71 29.3 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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

Tgt Ion: 136 Resp: 479419

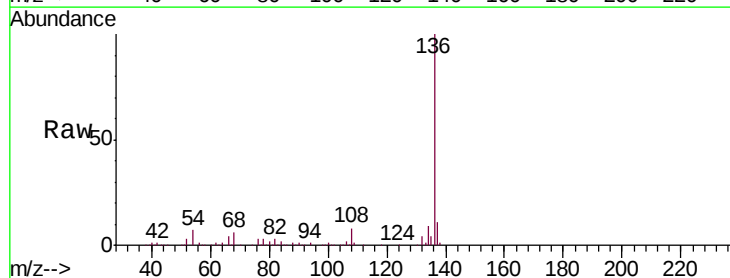
Ion Ratio Lower Upper

136 100

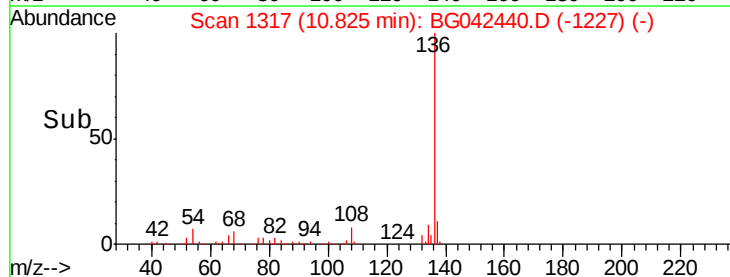
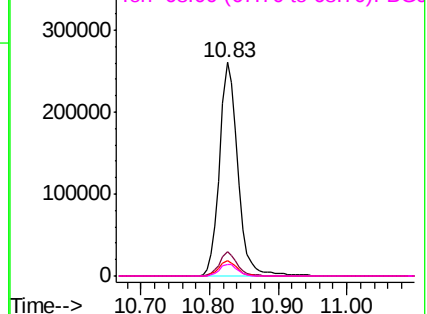
137 11.2 8.7 13.1

54 7.1 4.9 7.3

68 5.7 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

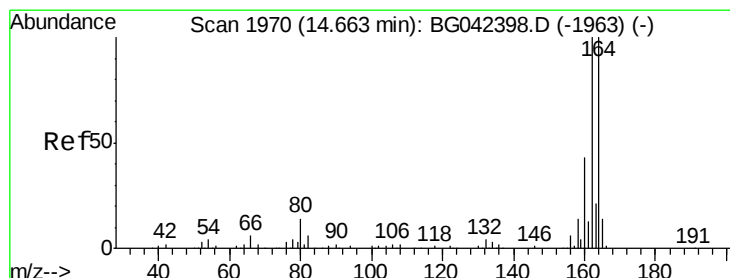
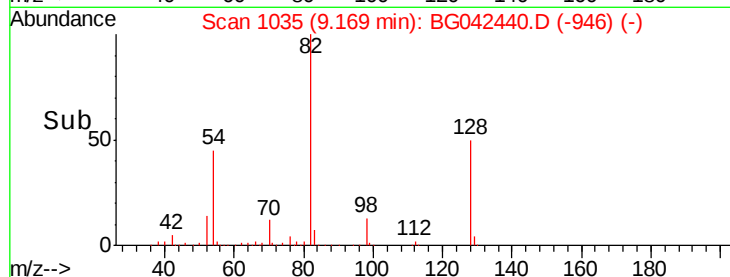
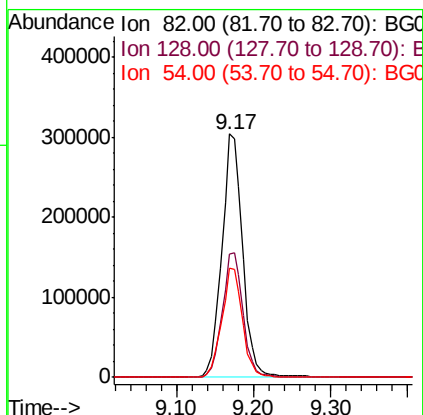
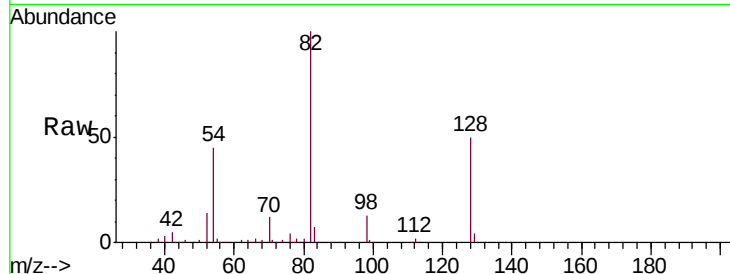




#23
 Nitrobenzene-d5
 Concen: 82.063 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042440.D
 Acq: 23 Aug 2019 19:26

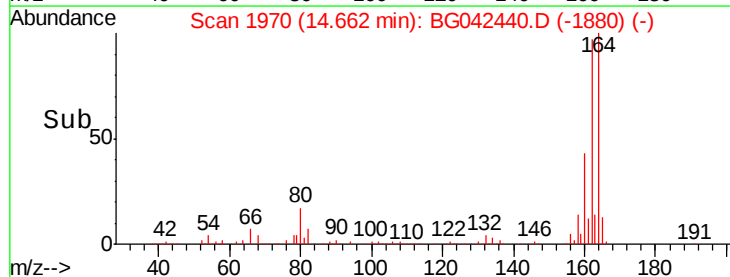
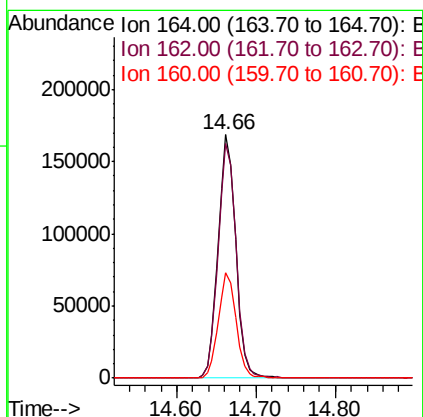
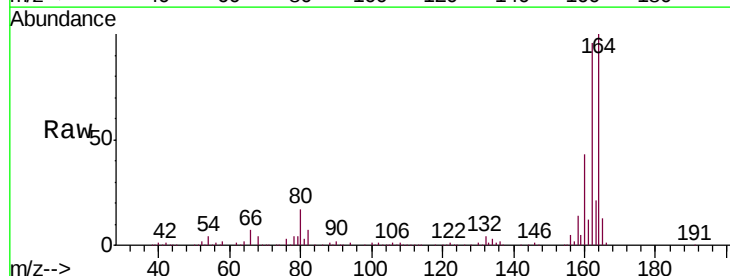
Instrument :
 BNA_G
 ClientSampleId :
 HD-02-082119

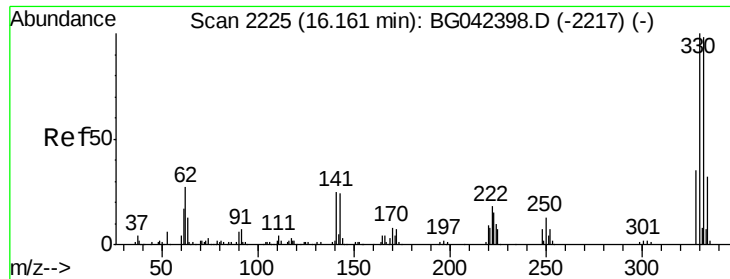
Tot Ion	82	Resp	569324
Ion Ratio	Lower	Upper	
82	100		
128	50.5	40.7	61.1
54	44.8	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042440.D
 Acq: 23 Aug 2019 19:26

Tgt Ion	164	Resp	260346
Ion Ratio	Lower	Upper	
164	100		
162	96.4	79.9	119.9
160	43.0	34.3	51.5

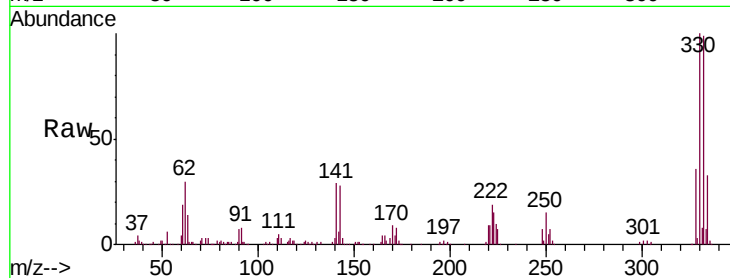




#42
 2,4,6-Tribromophenol
 Concen: 107.309 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG042440.D
 Acq: 23 Aug 2019 19:26

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-082119

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	30.1	21.4	32.0

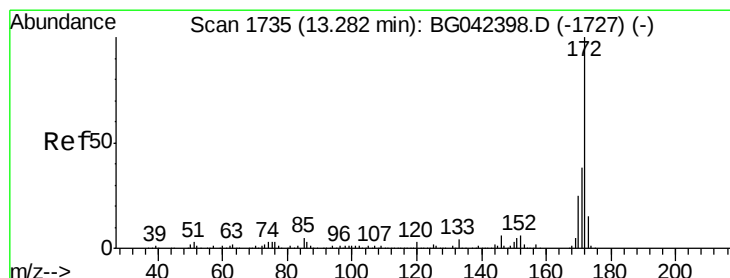
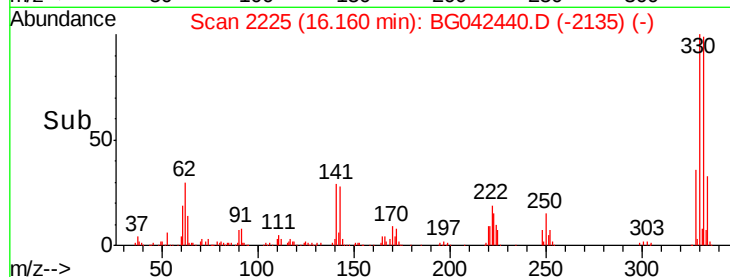
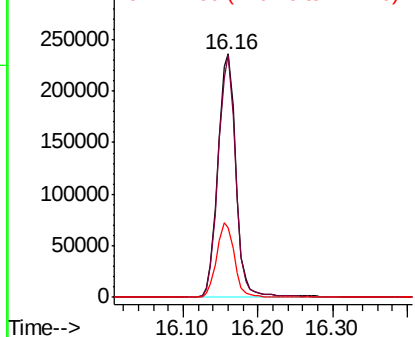


Abundance

Ion 329.80 (329.50 to 330.50): E

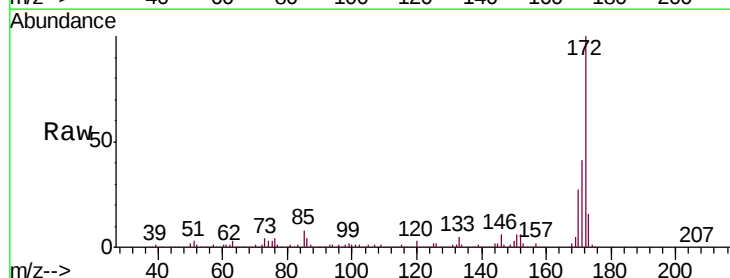
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 112.736 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042440.D
 Acq: 23 Aug 2019 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.4	30.5	45.7
170	27.1	20.2	30.2

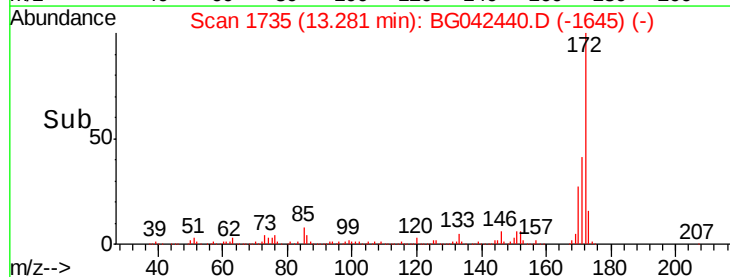
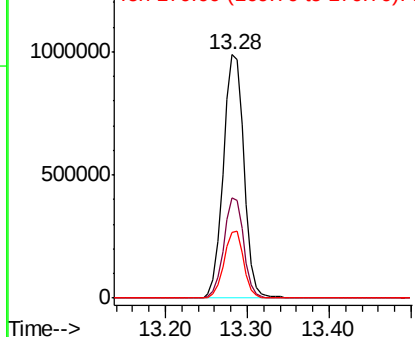


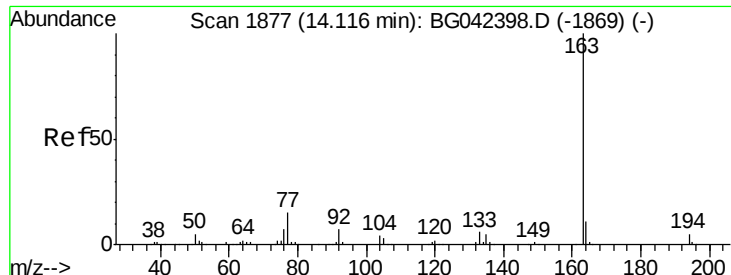
Abundance

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

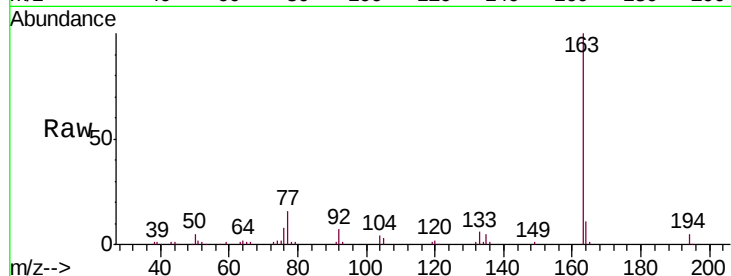




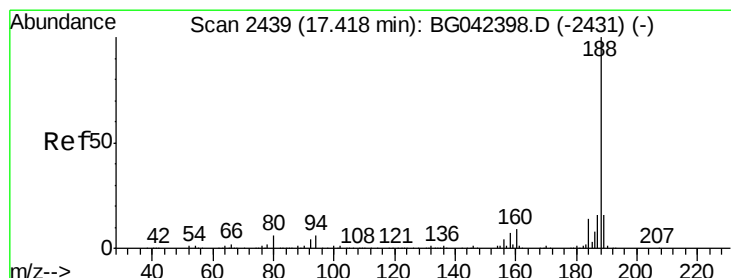
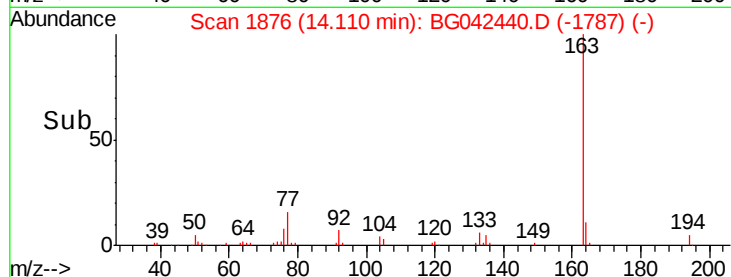
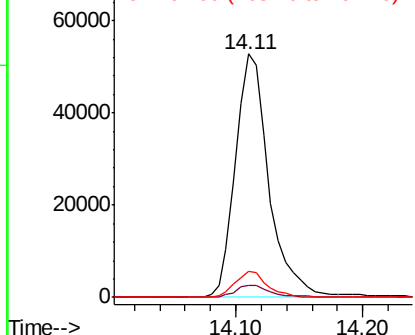
#50
Dimethylphthalate
Concen: 5.141 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

Instrument :
BNA_G
ClientSampleId :
HD-02-082119

Tot Ion:163 Resp: 96576
Ion Ratio Lower Upper
163 100
194 5.0 4.2 6.2
164 10.8 8.8 13.2

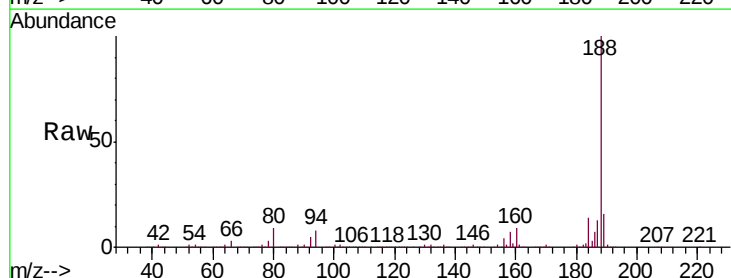


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

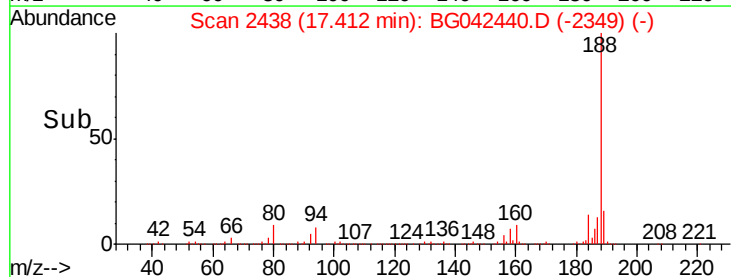
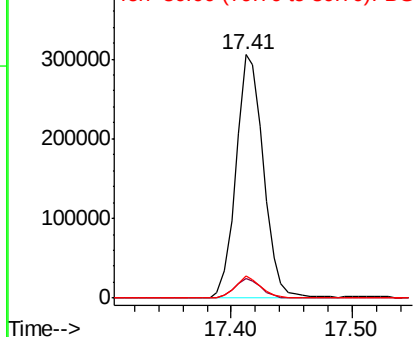


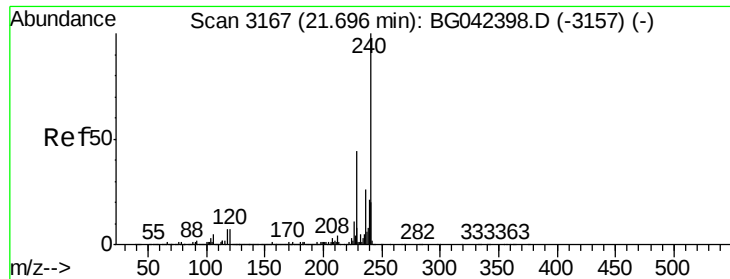
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

Tgt Ion:188 Resp: 483936
Ion Ratio Lower Upper
188 100
94 8.2 4.5 6.7#
80 8.9 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

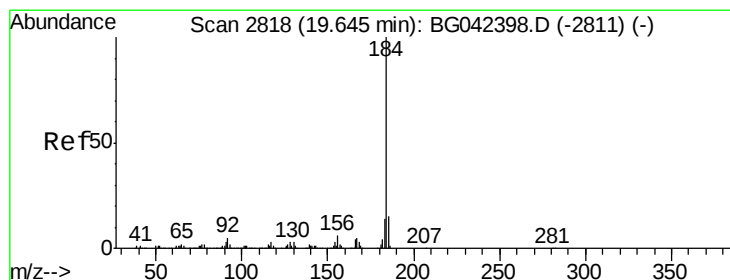
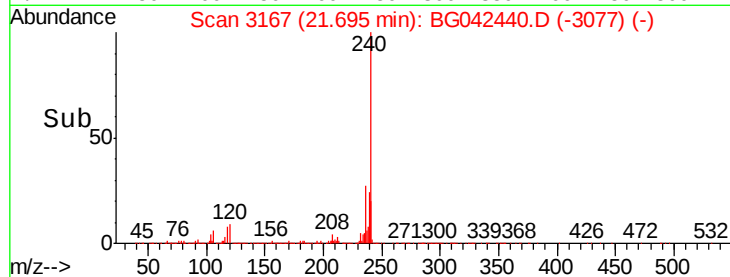
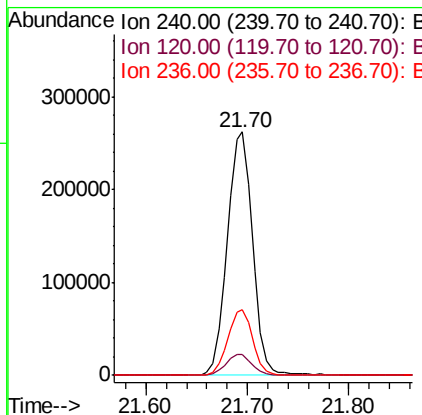
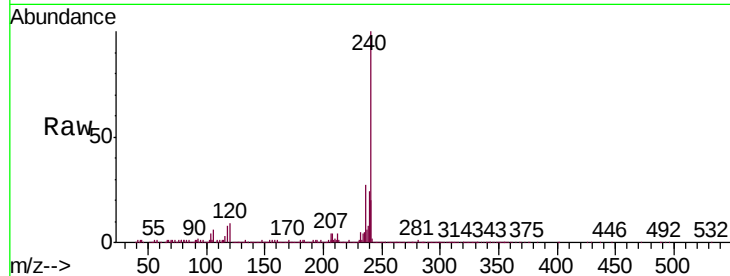




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

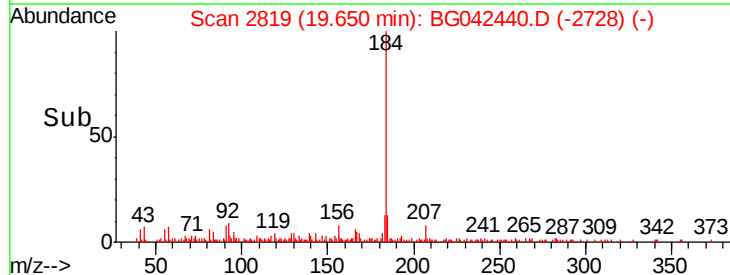
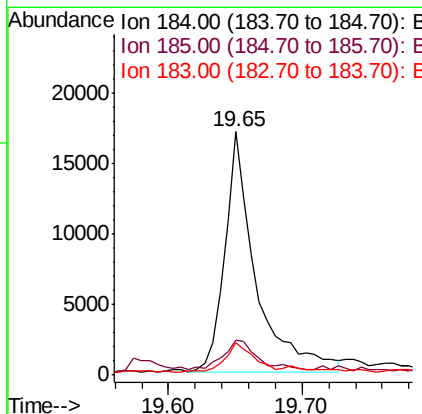
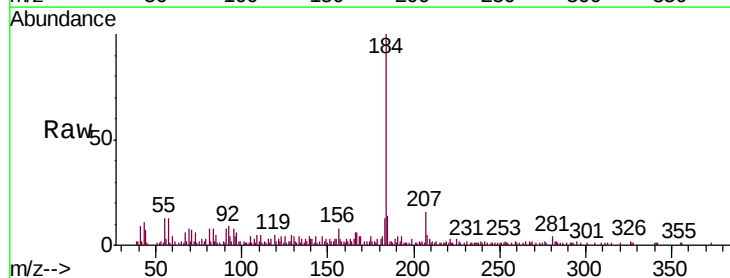
Instrument :
BNA_G
ClientSampleId :
HD-02-082119

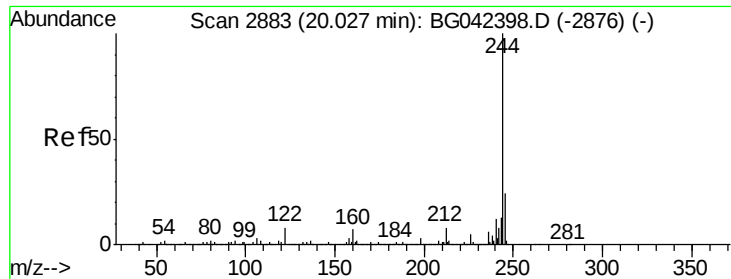
Tot Ion:240 Resp: 451411
Ion Ratio Lower Upper
240 100
120 8.8 5.7 8.5#
236 26.8 21.0 31.4



#77
Benzidine
Concen: 2.157 ng
RT: 19.65 min Scan# 2819
Delta R.T. 0.01 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

Tgt Ion:184 Resp: 27912
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.4
183 13.4 10.8 16.2





#79

Terphenyl-d14

Concen: 101.408 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

Instrument :

BNA_G

ClientSampleId :

HD-02-082119

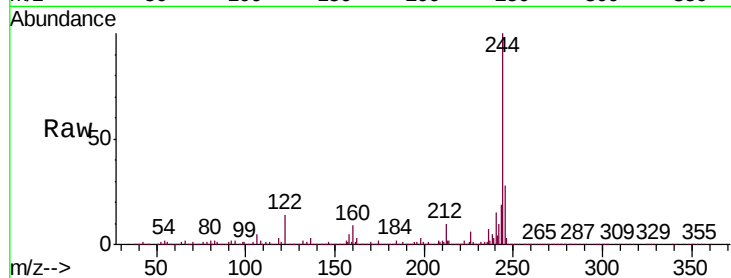
Tot Ion:244 Resp: 2117406

Ion Ratio Lower Upper

244 100

212 10.2 6.0 9.0#

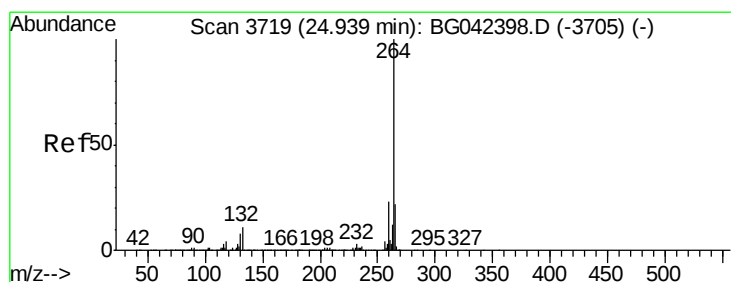
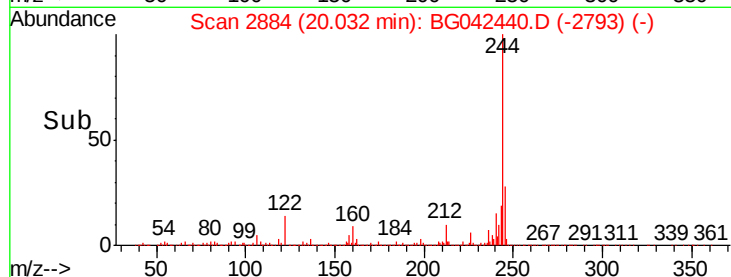
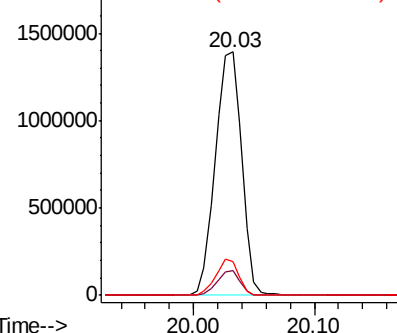
122 14.0 6.7 10.1#



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: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

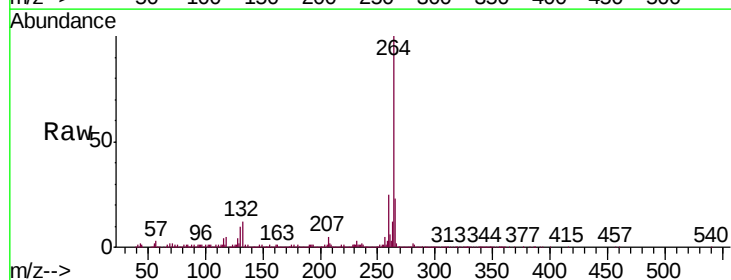
Tgt Ion:264 Resp: 523735

Ion Ratio Lower Upper

264 100

260 25.0 18.5 27.7

265 22.7 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

