

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042447.D
 Acq On : 23 Aug 2019 23:56
 Operator : HP/JU
 Sample : K4474-38
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-2-K1-K4

Quant Time: Aug 24 02:35:09 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

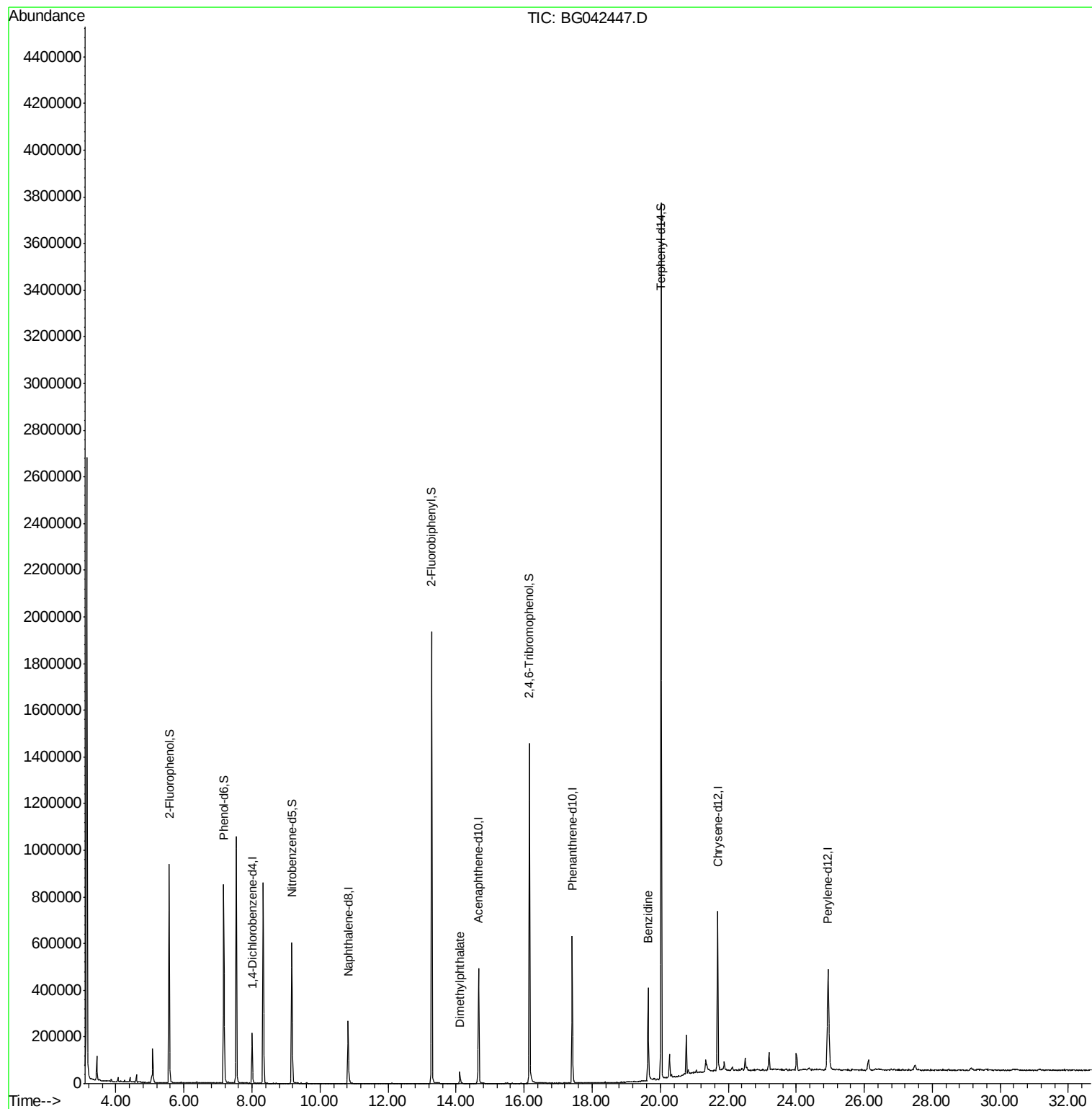
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	69973	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	277993	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	196367	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	430876	20.00	ng	0.00
76) Chrysene-d12	21.69	240	425916	20.00	ng	0.00
87) Perylene-d12	24.93	264	490103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	466518	135.03	ng	0.00
7) Phenol-d6	7.17	99	580090	124.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	407348	101.26	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	339187	121.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1110284	95.63	ng	0.00
79) Terphenyl-d14	20.03	244	1764137	89.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	52997	3.740	ng	99
77) Benzidine	19.64	184	286829	23.489	ng	99

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

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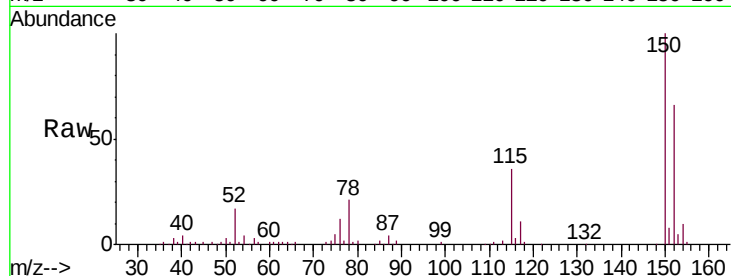


#1

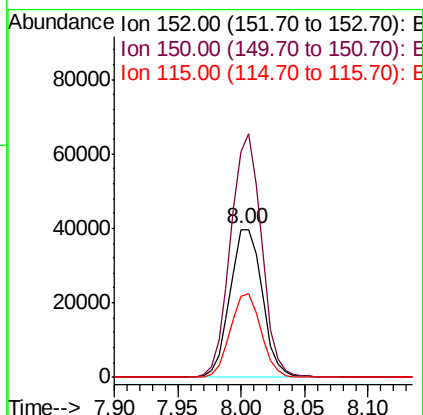
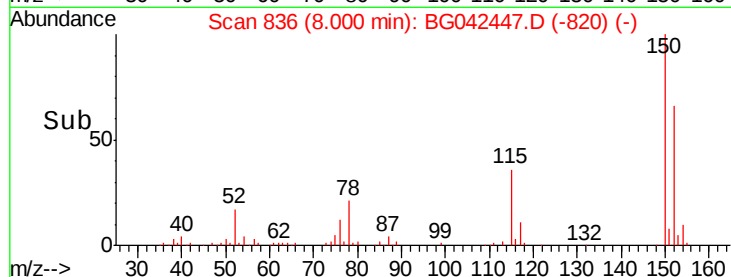
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042447.D
Acq: 23 Aug 2019 23:56

Instrument :
BNA_G
ClientSampled :
T1-2-K1-K4

Tot Ion:152 Resp: 69973
Ion Ratio Lower Upper
152 100
150 152.6 125.4 188.0
115 54.5 38.5 57.7



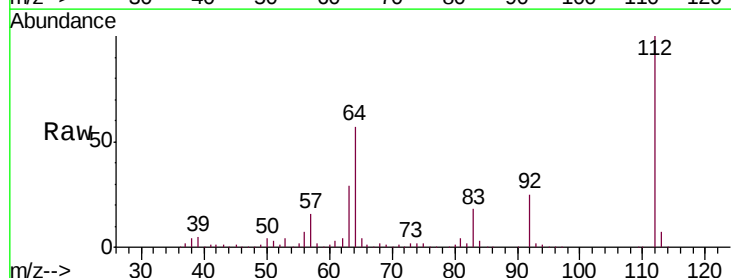
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



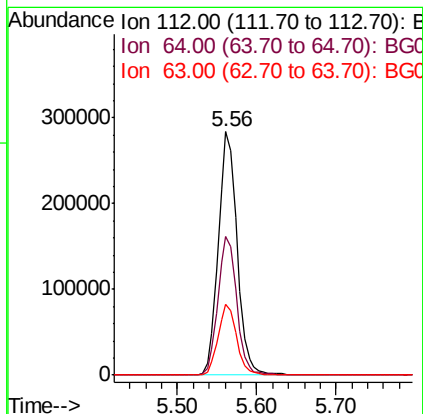
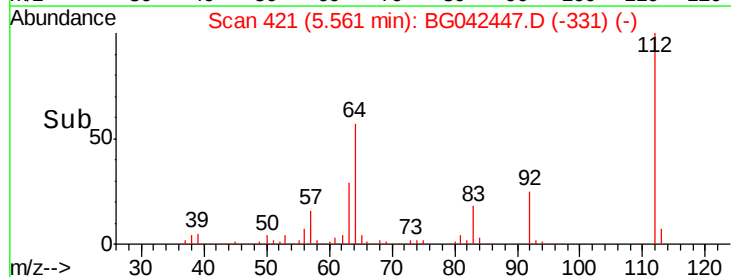
#5

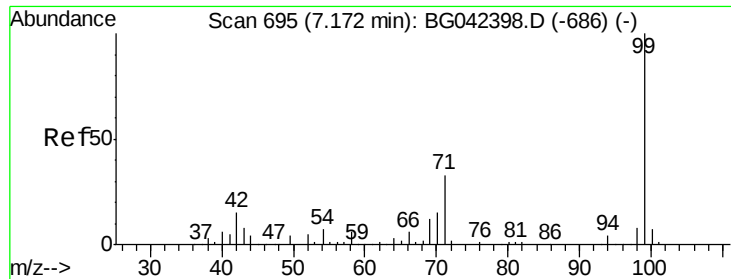
2-Fluorophenol
Concen: 135.028 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042447.D
Acq: 23 Aug 2019 23:56

Tgt Ion:112 Resp: 466518
Ion Ratio Lower Upper
112 100
64 56.8 42.8 64.2
63 28.9 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: 124.300 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042447.D

Acq: 23 Aug 2019 23:56

Instrument :

BNA_G

ClientSampleId :

T1-2-K1-K4

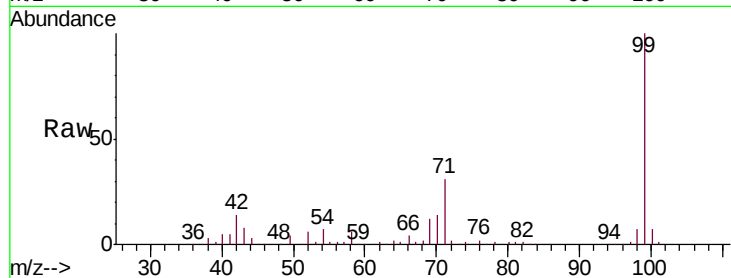
Tot Ion: 99 Resp: 580090

Ion Ratio Lower Upper

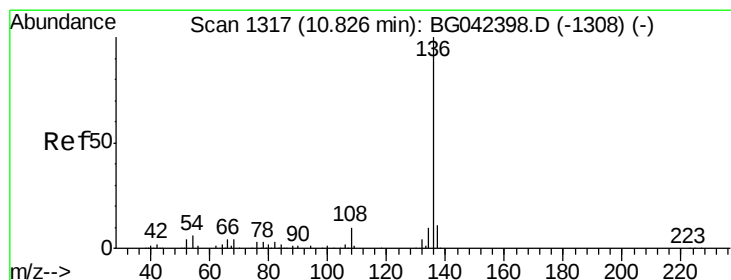
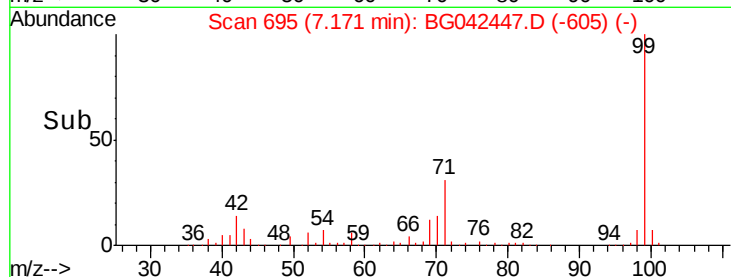
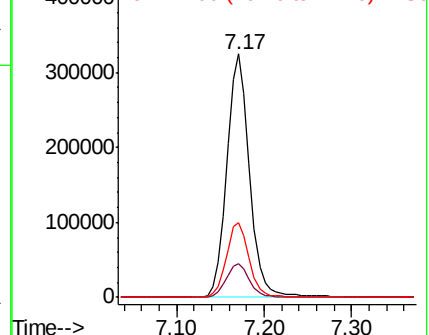
99 100

42 14.1 12.0 18.0

71 30.8 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: BG042447.D

Acq: 23 Aug 2019 23:56

Tgt Ion: 136 Resp: 277993

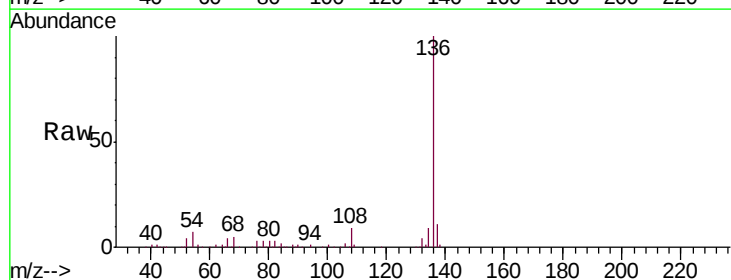
Ion Ratio Lower Upper

136 100

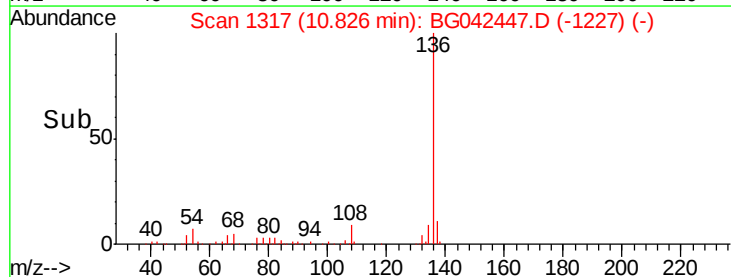
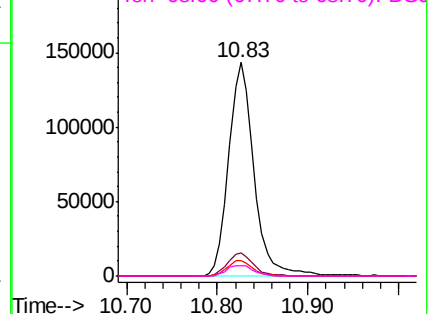
137 11.0 8.7 13.1

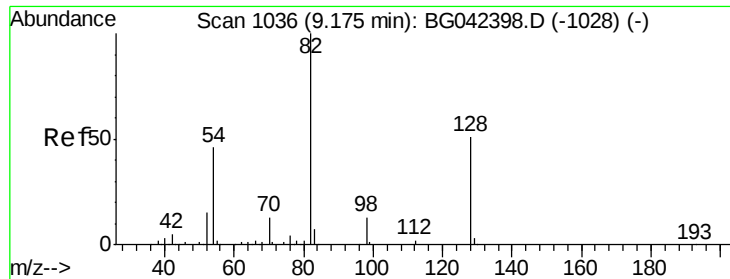
54 7.3 4.9 7.3

68 4.8 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

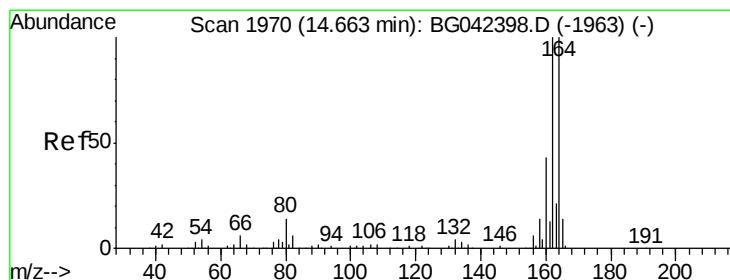
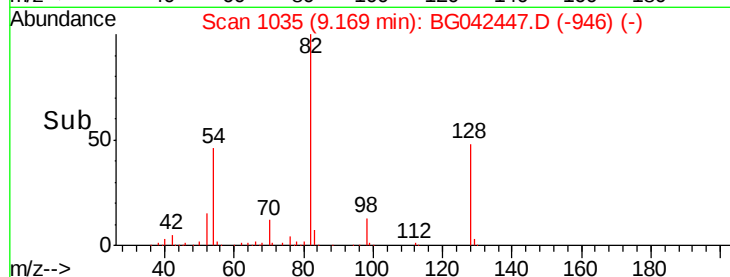
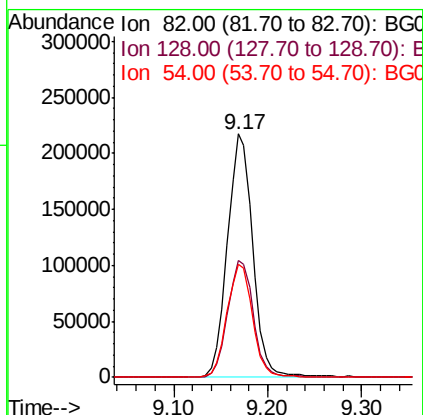
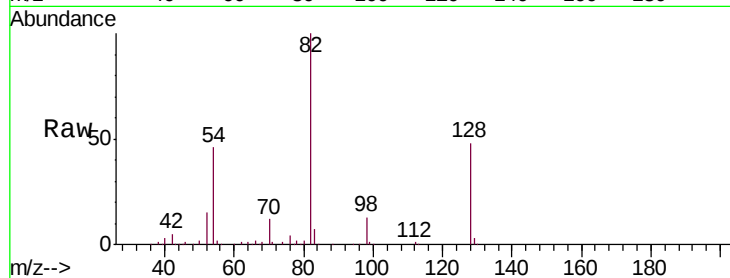




#23
Nitrobenzene-d5
Concen: 101.259 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042447.D
Acq: 23 Aug 2019 23:56

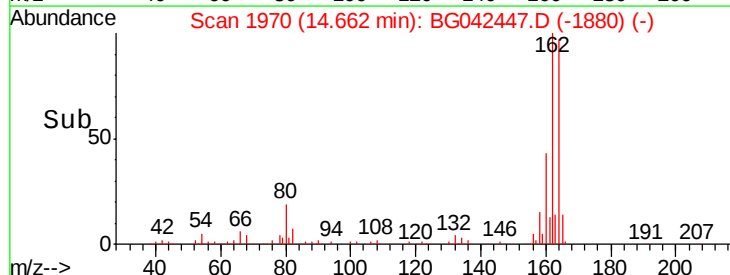
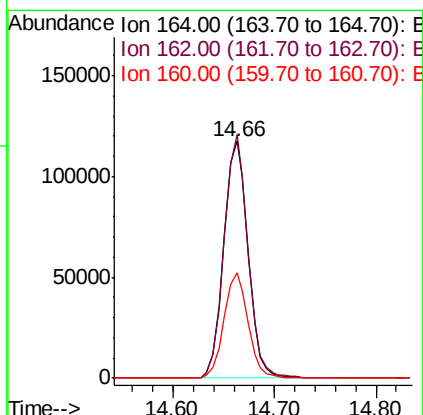
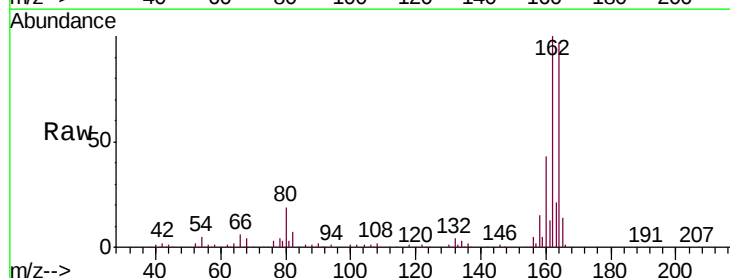
Instrument :
BNA_G
ClientSampleId :
T1-2-K1-K4

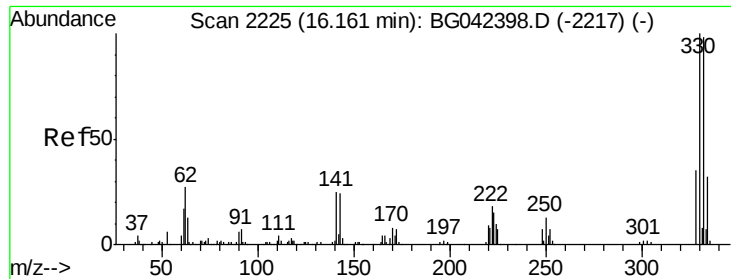
Tot Ion	82	Resp	407348
Ion Ratio	Lower	Upper	
82	100		
128	48.0	40.7	61.1
54	46.4	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042447.D
Acq: 23 Aug 2019 23:56

Tgt Ion	164	Resp	196367
Ion Ratio	Lower	Upper	
164	100		
162	102.7	79.9	119.9
160	44.5	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 121.527 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042447.D

Acq: 23 Aug 2019 23:56

Instrument :

BNA_G

ClientSampled :

T1-2-K1-K4

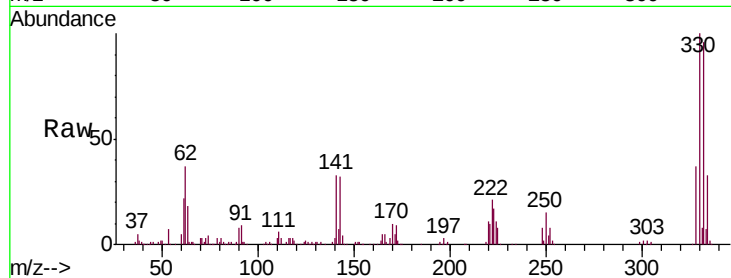
Tot Ion:330 Resp: 339187

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

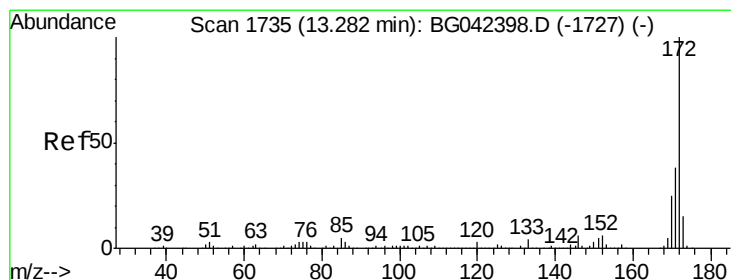
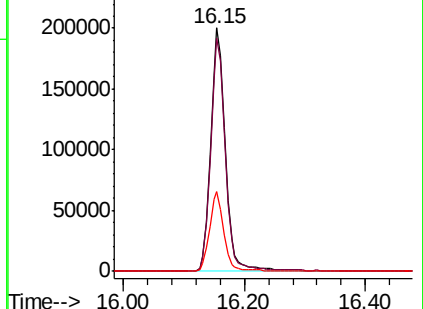
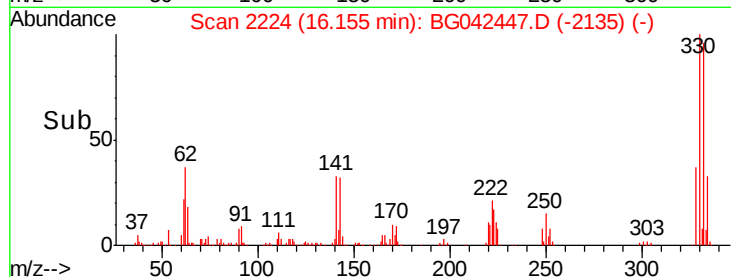
141 32.0 21.4 32.0



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: 95.627 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042447.D

Acq: 23 Aug 2019 23:56

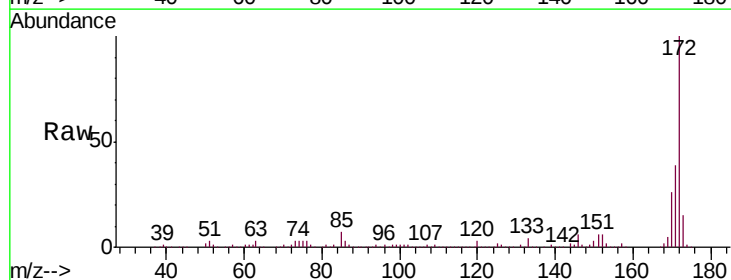
Tgt Ion:172 Resp: 1110284

Ion Ratio Lower Upper

172 100

171 39.5 30.5 45.7

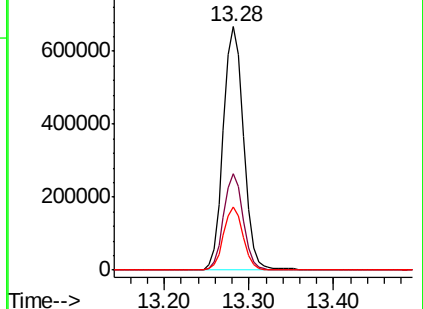
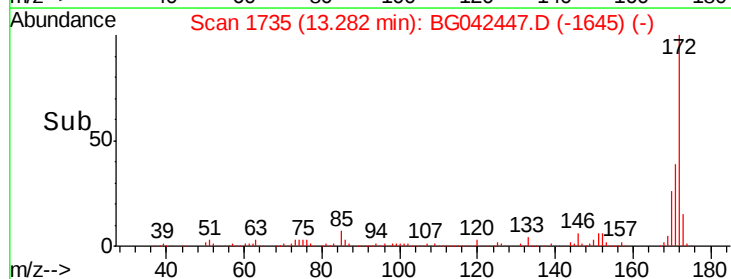
170 26.0 20.2 30.2

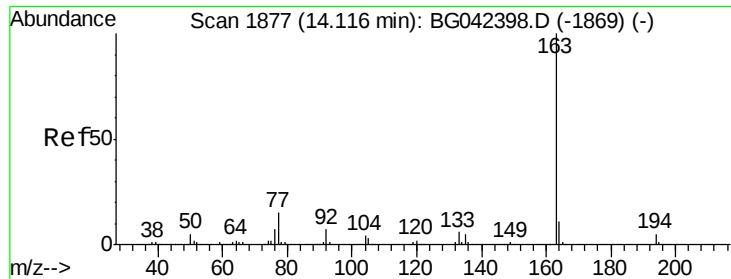


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

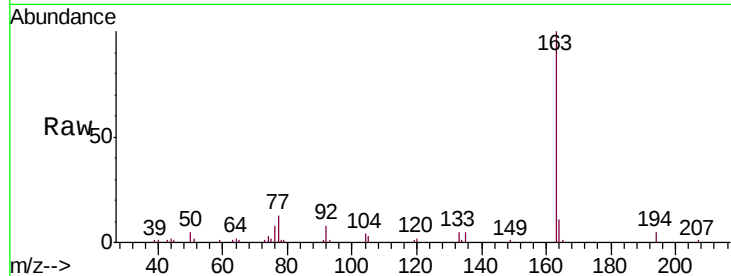




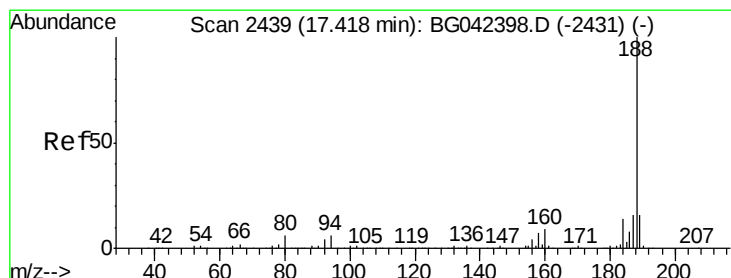
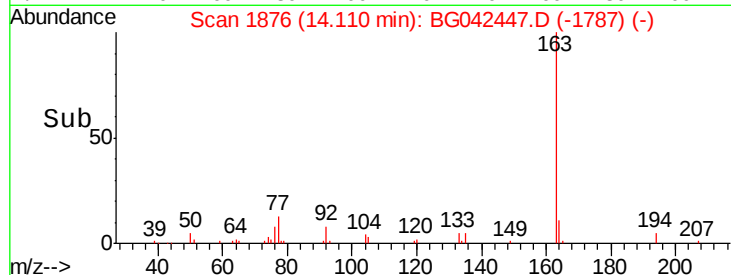
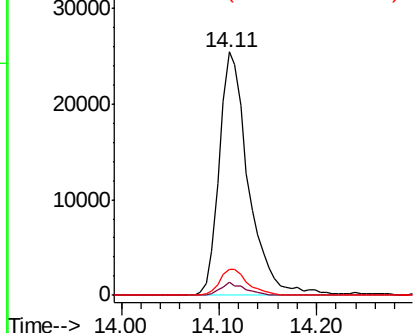
#50
Dimethylphthalate
Concen: 3.740 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042447.D
Acq: 23 Aug 2019 23:56

Instrument :
BNA_G
ClientSampleId :
T1-2-K1-K4

Tot Ion:163 Resp: 52997
Ion Ratio Lower Upper
163 100
194 5.3 4.2 6.2
164 10.6 8.8 13.2

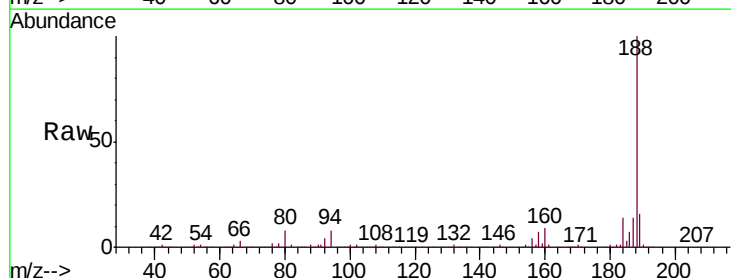


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

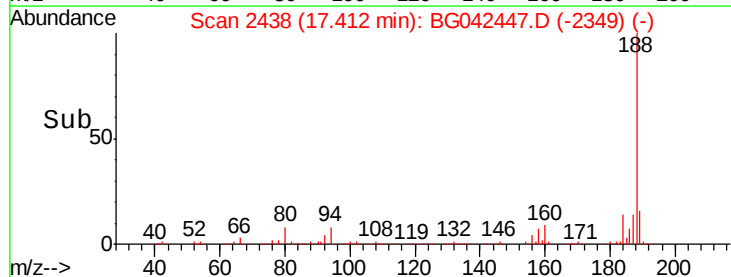
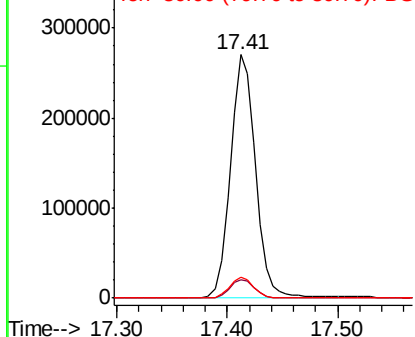


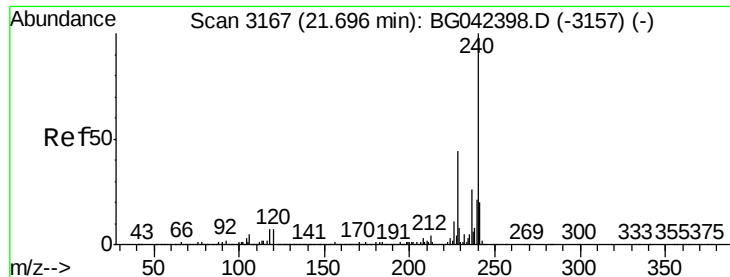
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042447.D
Acq: 23 Aug 2019 23:56

Tgt Ion:188 Resp: 430876
Ion Ratio Lower Upper
188 100
94 7.7 4.5 6.7#
80 8.3 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

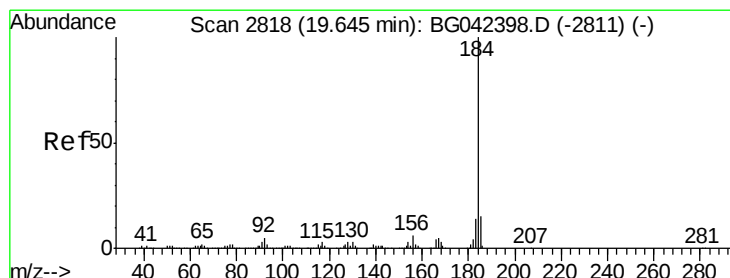
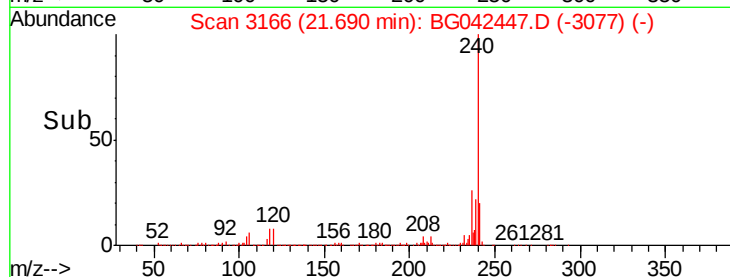
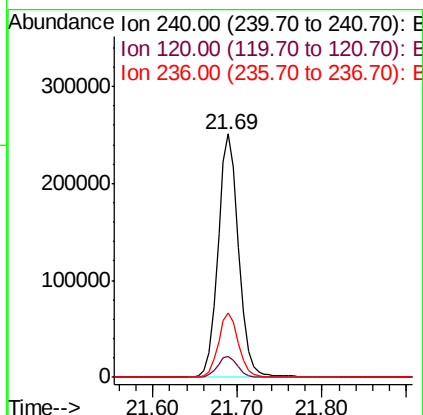
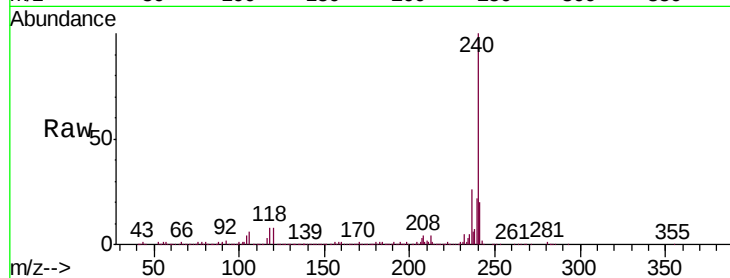




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042447.D
Acq: 23 Aug 2019 23:56

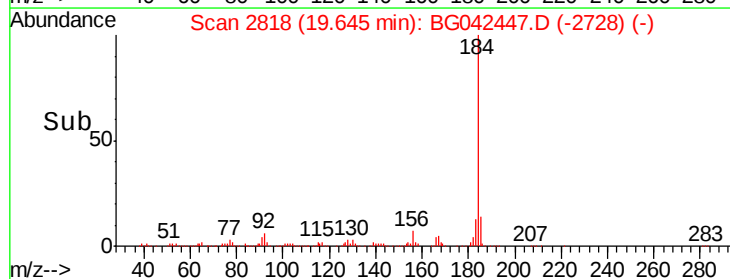
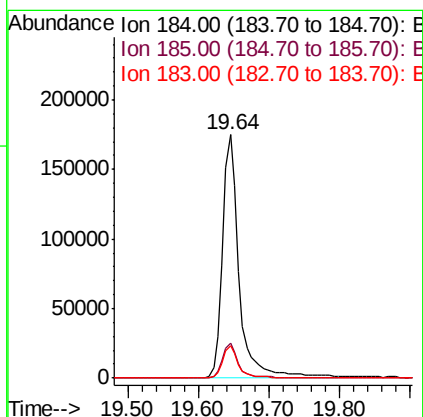
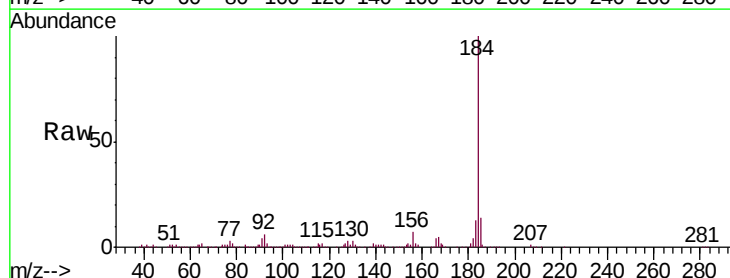
Instrument :
BNA_G
ClientSampleId :
T1-2-K1-K4

Tot Ion:240 Resp: 425916
Ion Ratio Lower Upper
240 100
120 8.5 5.7 8.5
236 26.3 21.0 31.4



#77
Benzidine
Concen: 23.489 ng
RT: 19.64 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BG042447.D
Acq: 23 Aug 2019 23:56

Tgt Ion:184 Resp: 286829
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.4
183 13.3 10.8 16.2





#79

Terphenyl-d14

Concen: 89.546 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042447.D

Acq: 23 Aug 2019 23:56

Instrument :

BNA_G

ClientSampleId :

T1-2-K1-K4

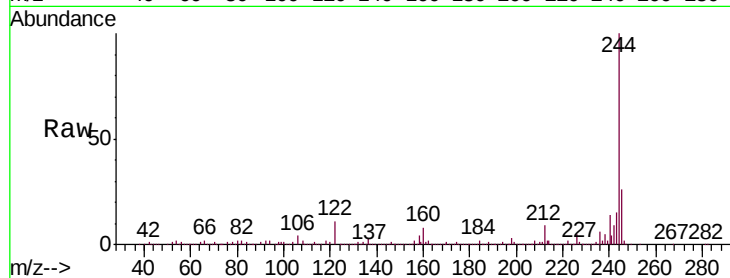
Tot Ion:244 Resp: 1764137

Ion Ratio Lower Upper

244 100

212 8.9 6.0 9.0

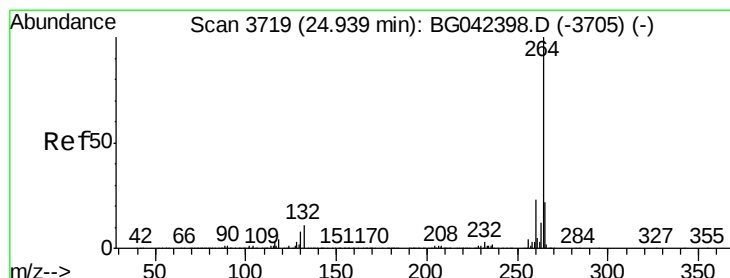
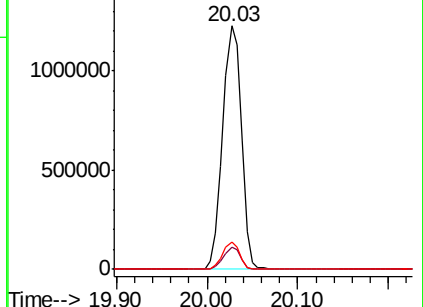
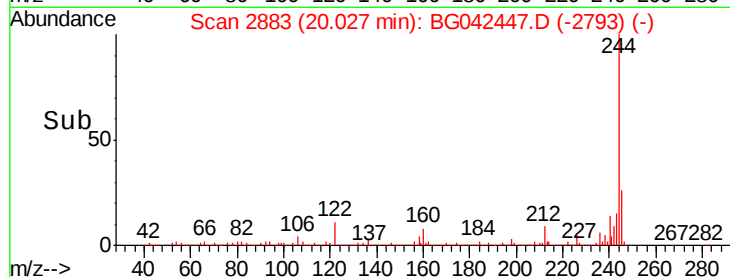
122 11.4 6.7 10.1#



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042447.D

Acq: 23 Aug 2019 23:56

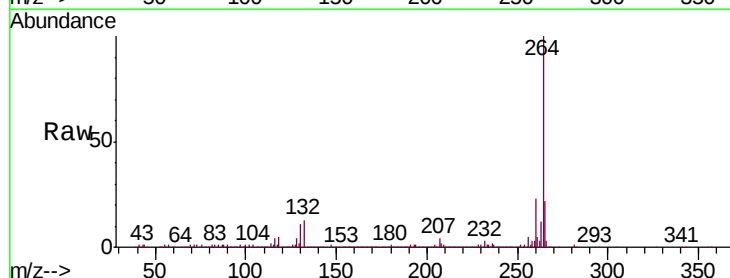
Tgt Ion:264 Resp: 490103

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.7 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

