

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042454.D
 Acq On : 24 Aug 2019 6:24
 Operator : HP/JU
 Sample : K4477-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 05:12:21 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

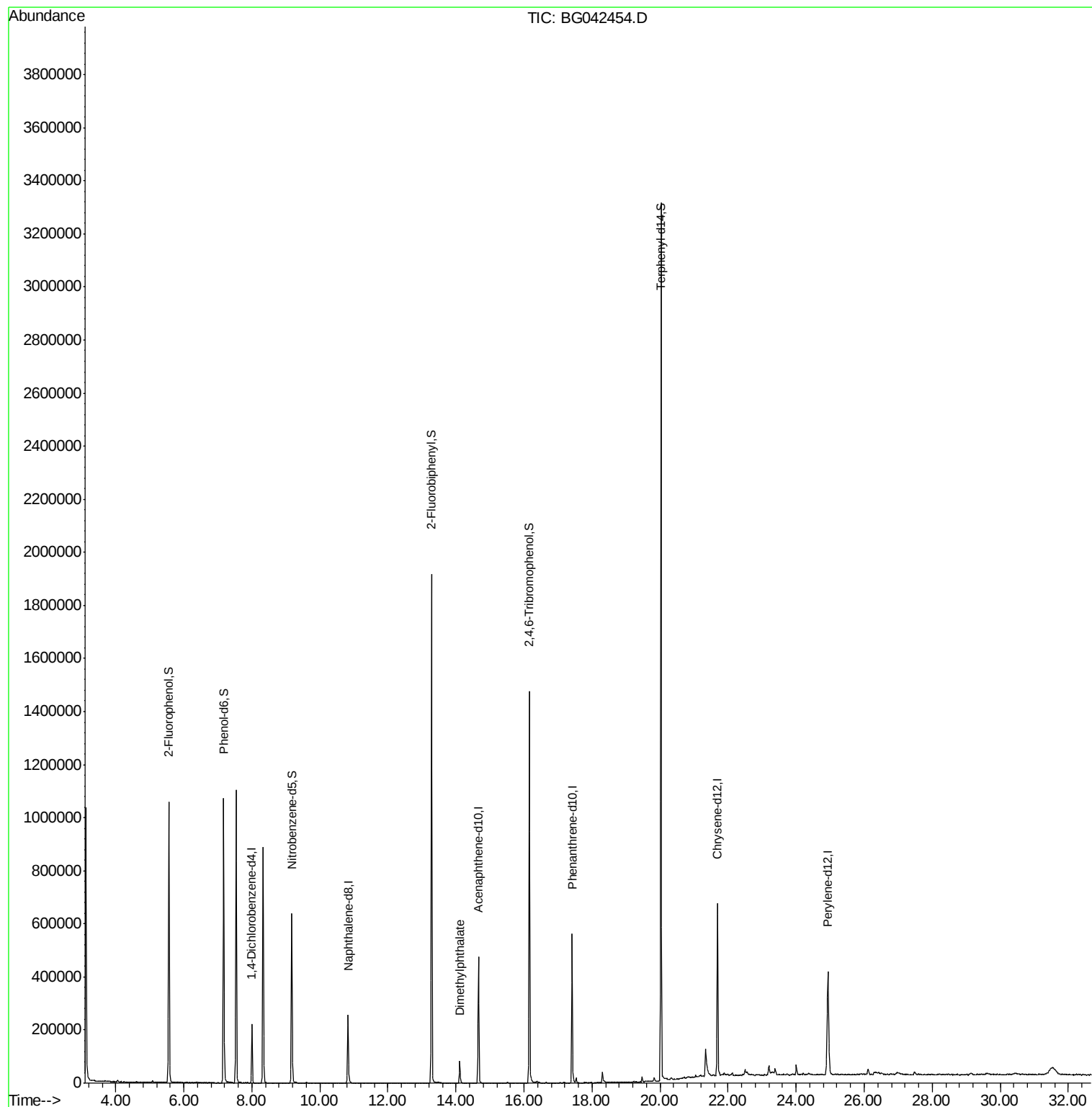
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	72144	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	282667	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	190571	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	396838	20.00	ng	0.00
76) Chrysene-d12	21.69	240	399472	20.00	ng	0.00
87) Perylene-d12	24.94	264	461761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	529731	148.71	ng	0.00
7) Phenol-d6	7.17	99	724558	150.58	ng	0.00
23) Nitrobenzene-d5	9.17	82	426499	104.27	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	334123	123.35	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1103673	97.95	ng	0.00
79) Terphenyl-d14	20.02	244	1609368	87.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	82084	5.970	ng	Qvalue 99

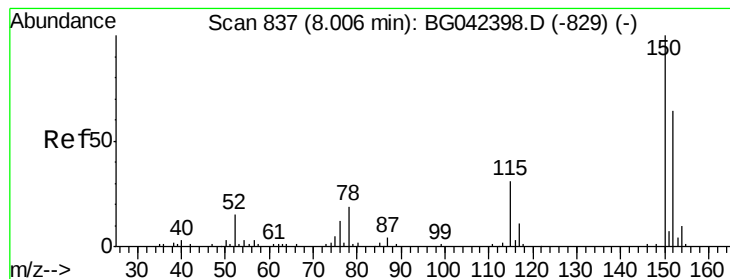
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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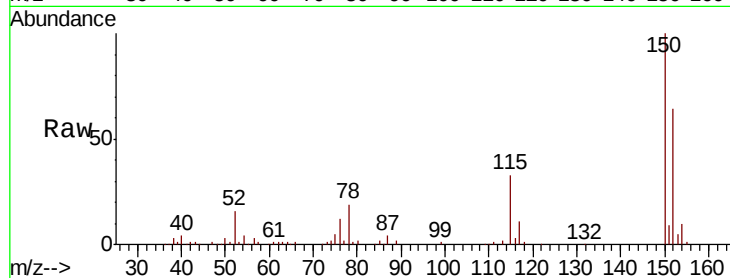




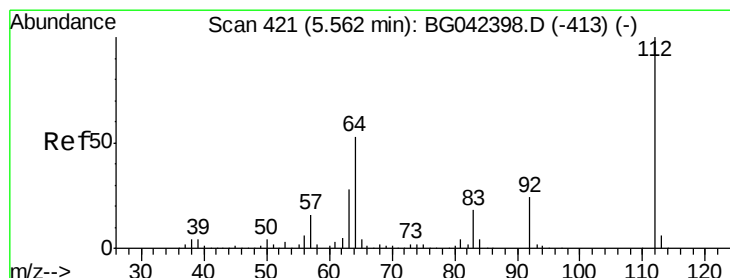
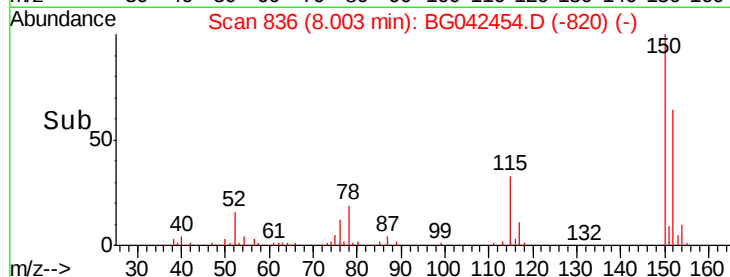
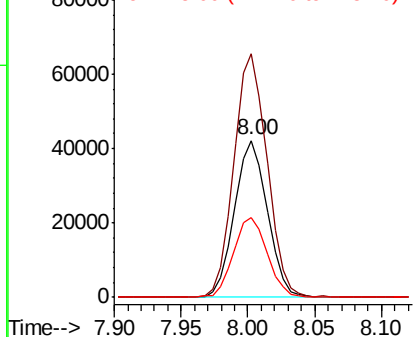
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG042454.D
 Acq: 24 Aug 2019 6:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 72144
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.4 188.0
 115 50.7 38.5 57.7

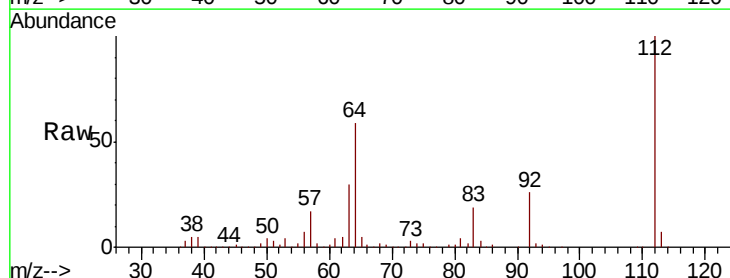


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

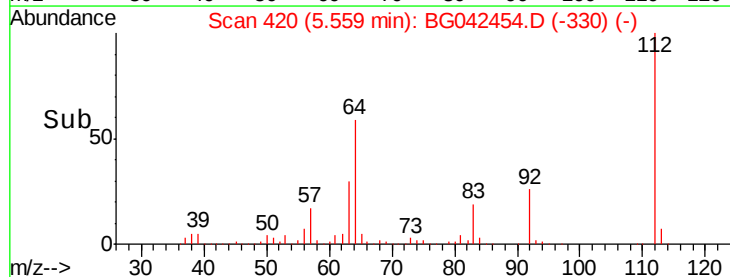
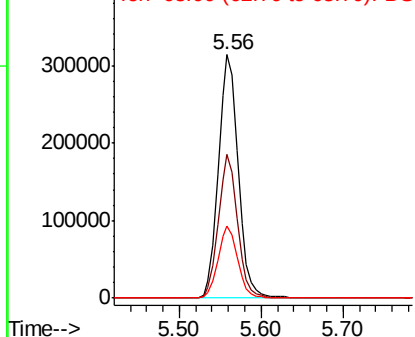


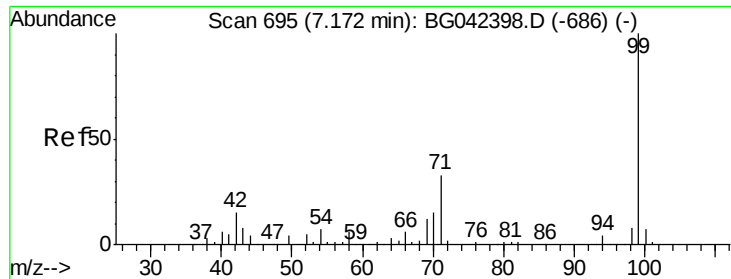
#5
 2-Fluorophenol
 Concen: 148.711 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BG042454.D
 Acq: 24 Aug 2019 6:24

Tgt Ion:112 Resp: 529731
 Ion Ratio Lower Upper
 112 100
 64 59.0 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: 150.584 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042454.D

Acq: 24 Aug 2019 6:24

Instrument :

BNA_G

ClientSampleId :

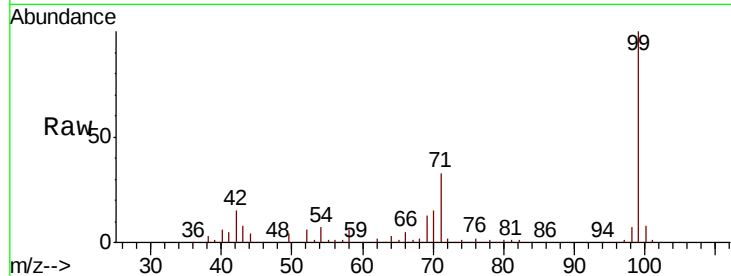
Tot Ion: 99 Resp: 724558

Ion Ratio Lower Upper

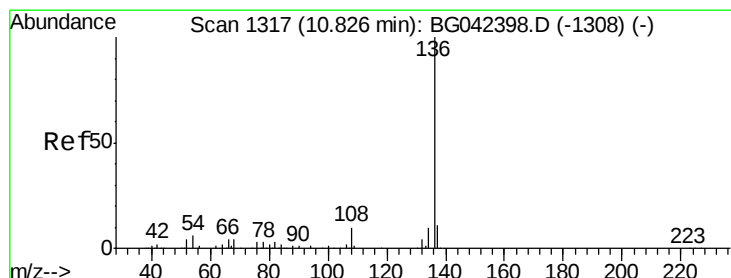
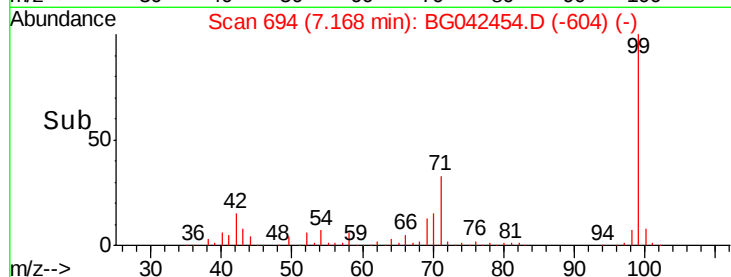
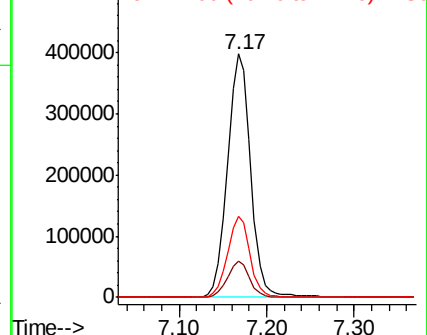
99 100

42 14.8 12.0 18.0

71 33.1 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: BG042454.D

Acq: 24 Aug 2019 6:24

Tgt Ion: 136 Resp: 282667

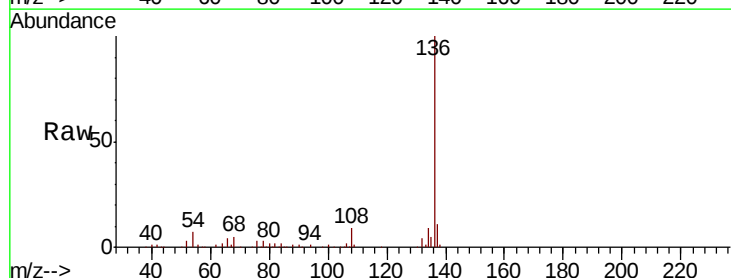
Ion Ratio Lower Upper

136 100

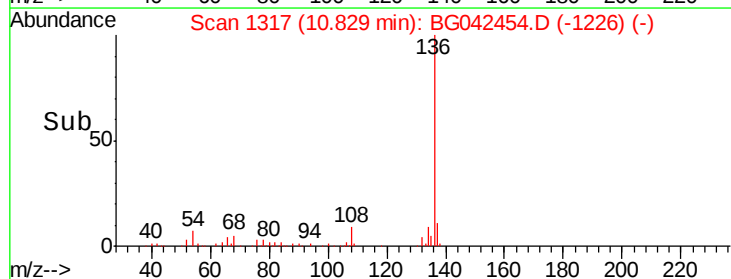
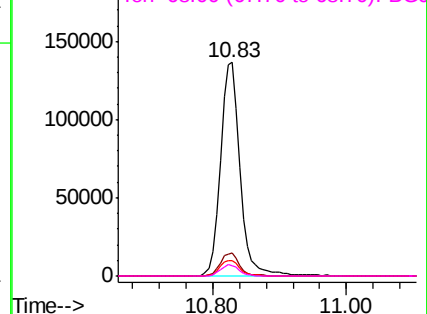
137 10.7 8.7 13.1

54 7.4 4.9 7.3#

68 4.8 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

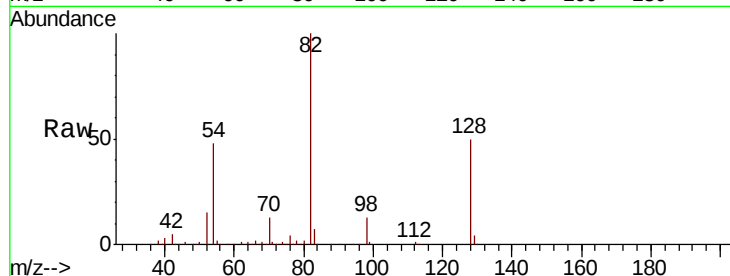




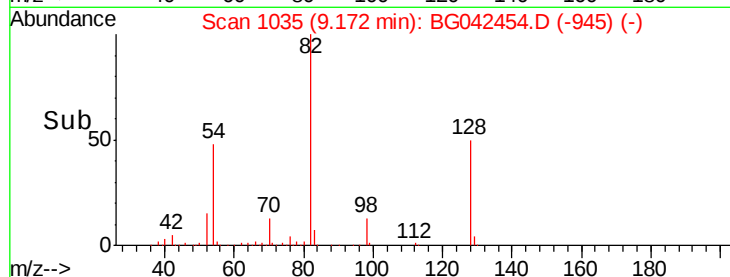
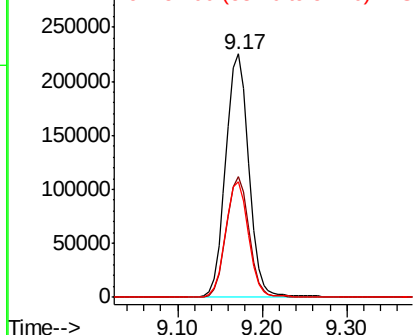
#23
Nitrobenzene-d5
Concen: 104.267 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	426499
Ion Ratio	Lower	Upper	
82	100		
128	49.6	40.7	61.1
54	47.6	36.3	54.5

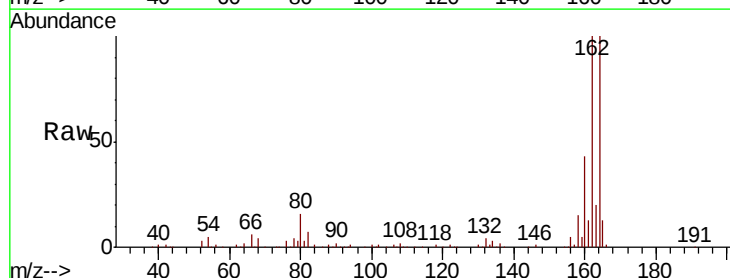


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

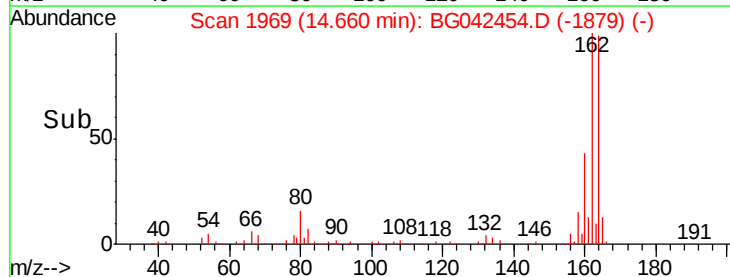
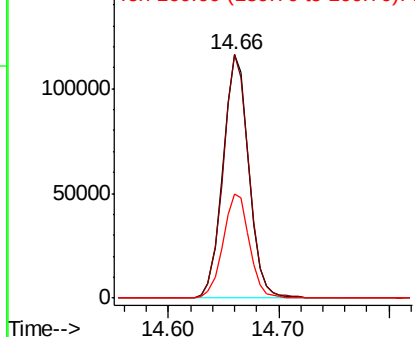


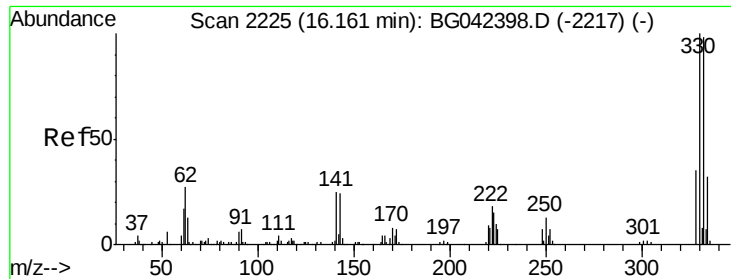
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Tgt Ion	164	Resp	190571
Ion Ratio	Lower	Upper	
164	100		
162	99.9	79.9	119.9
160	42.9	34.3	51.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

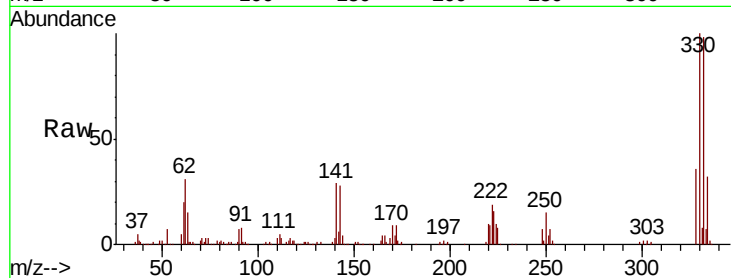




#42
 2,4,6-Tribromophenol
 Concen: 123.354 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042454.D
 Acq: 24 Aug 2019 6:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	31.3	21.4	32.0

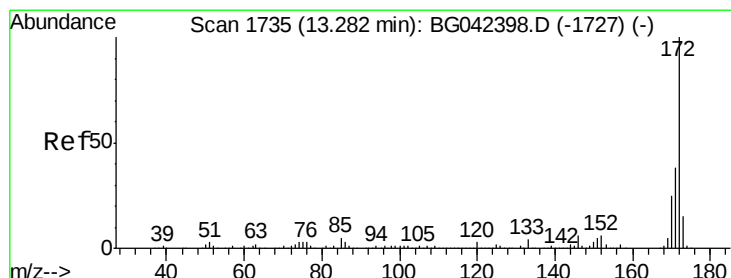
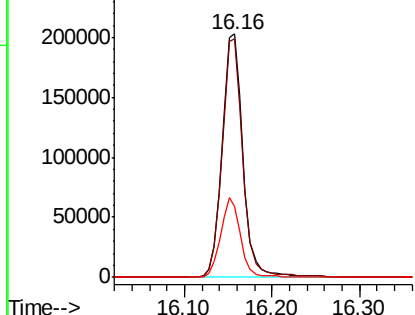
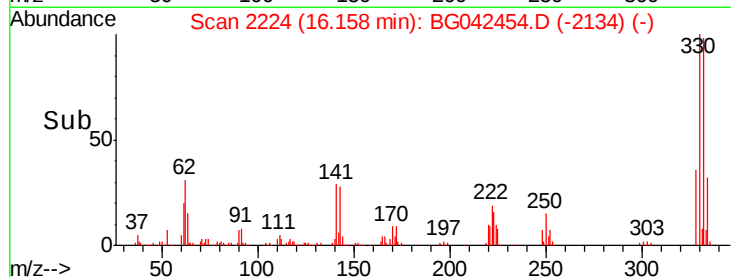


Abundance

Ion 329.80 (329.50 to 330.50): E

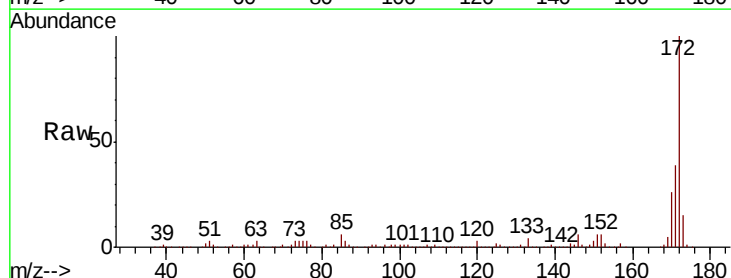
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.949 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042454.D
 Acq: 24 Aug 2019 6:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	25.6	20.2	30.2

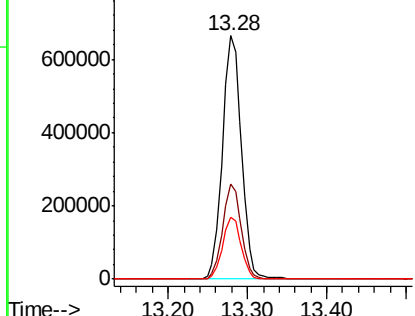
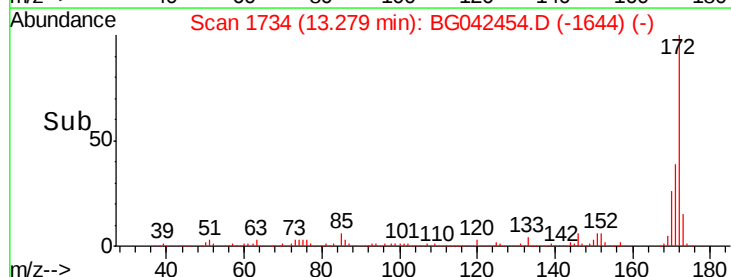


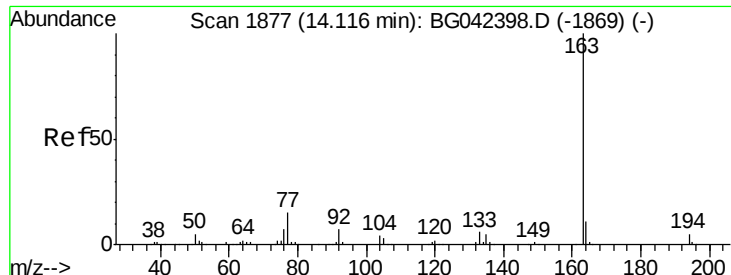
Abundance

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

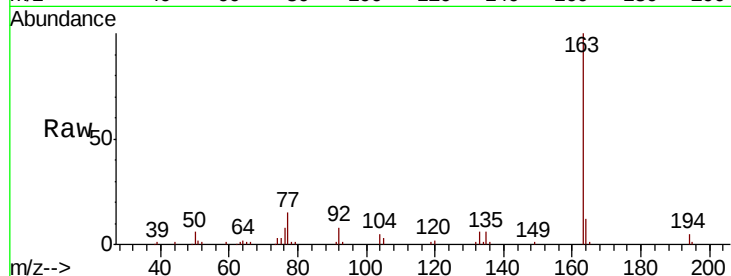




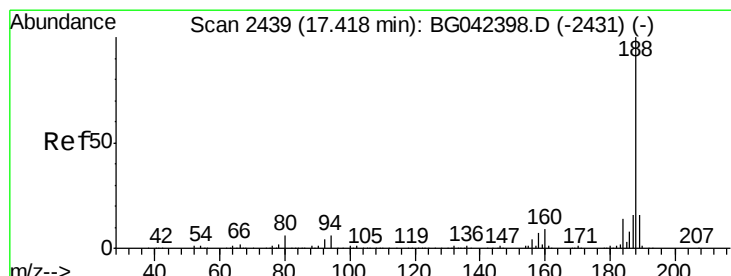
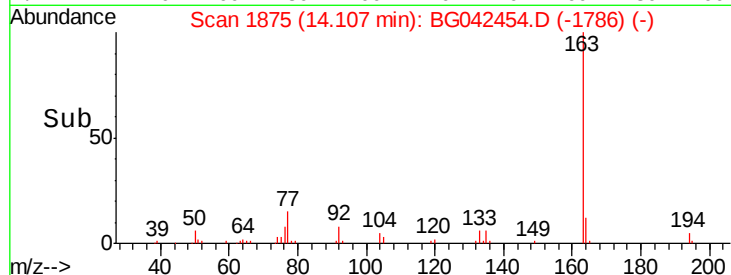
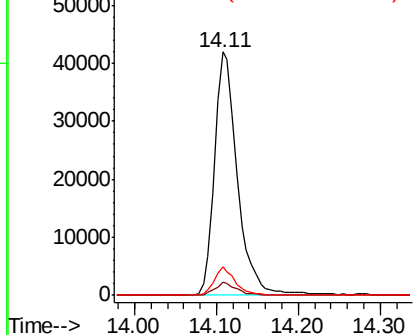
#50
Dimethylphthalate
Concen: 5.970 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 82084
Ion Ratio Lower Upper
163 100
194 5.3 4.2 6.2
164 11.6 8.8 13.2

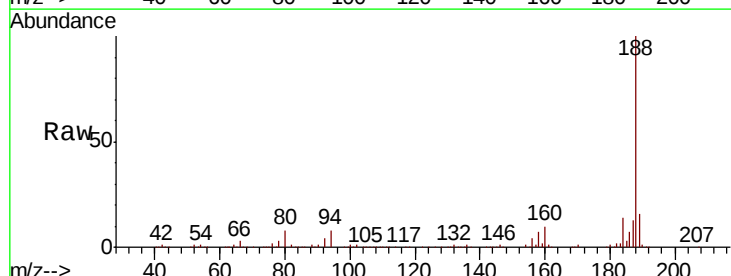


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

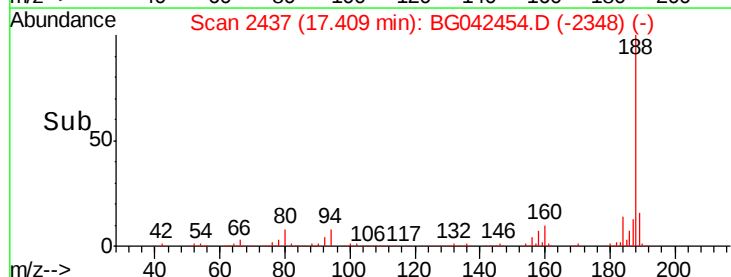
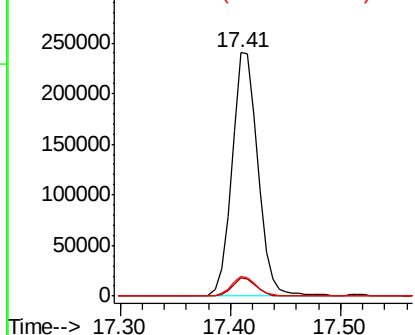


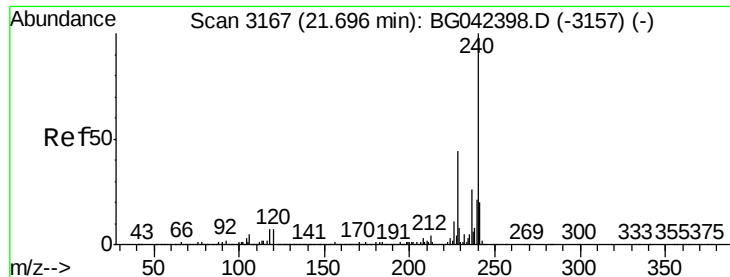
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Tgt Ion:188 Resp: 396838
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

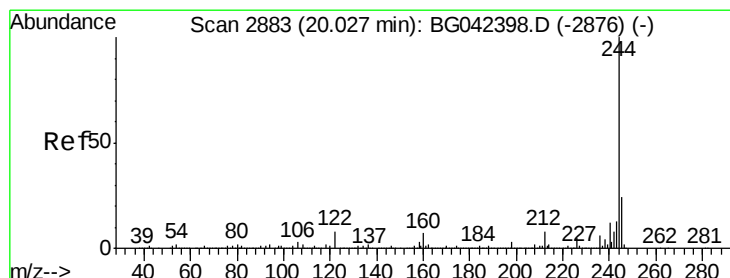
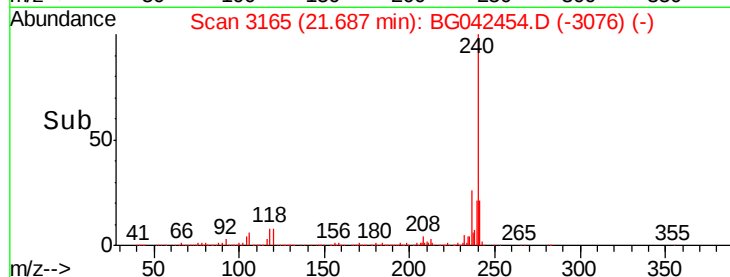
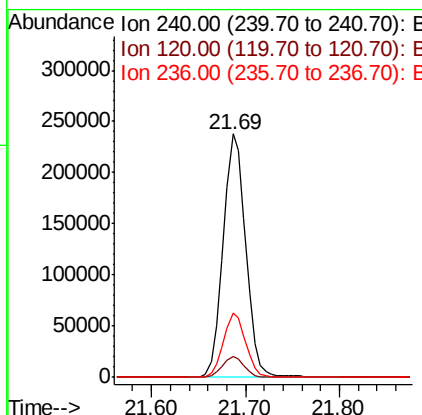
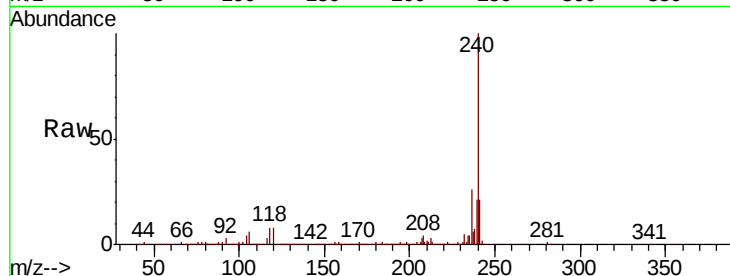




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042454.D
 Acq: 24 Aug 2019 6:24

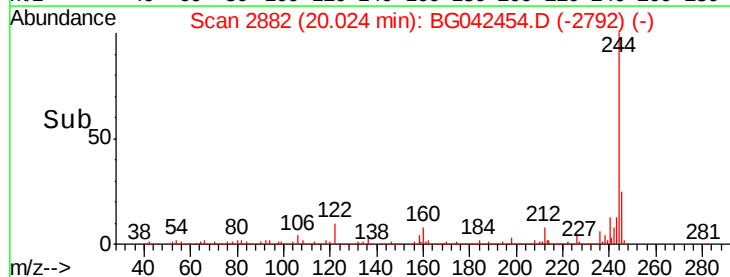
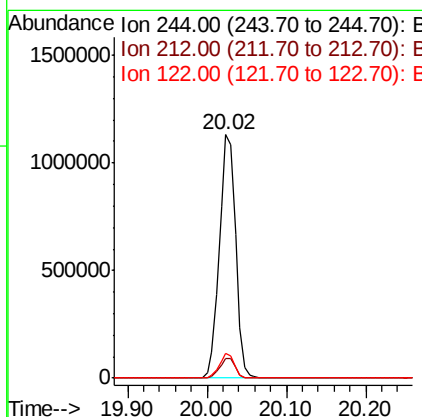
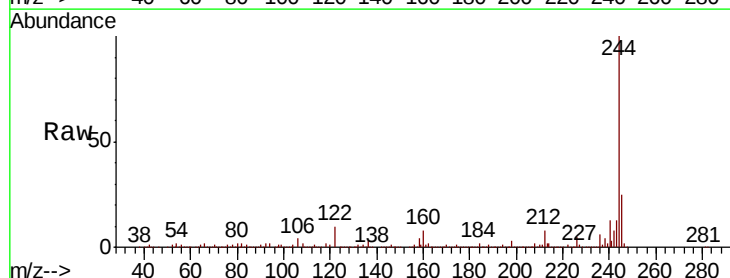
Instrument :
 BNA_G
 ClientSampleId :

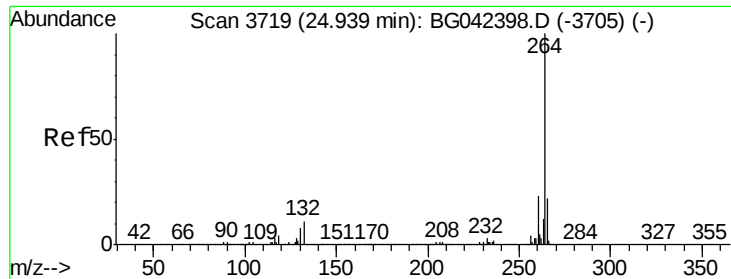
Tot Ion:240 Resp: 399472
 Ion Ratio Lower Upper
 240 100
 120 8.3 5.7 8.5
 236 26.3 21.0 31.4



#79
 Terphenyl-d14
 Concen: 87.098 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG042454.D
 Acq: 24 Aug 2019 6:24

Tgt Ion:244 Resp: 1609368
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.0 9.0
 122 10.4 6.7 10.1#

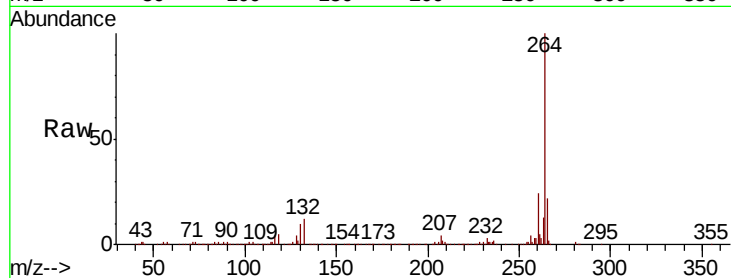




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3718
 Delta R.T. -0.00 min
 Lab File: BG042454.D
 Acq: 24 Aug 2019 6:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.9	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

