

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043493.D
 Acq On : 4 Nov 2019 22:58
 Operator : JU
 Sample : K5602-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Quant Time: Nov 05 02:49:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

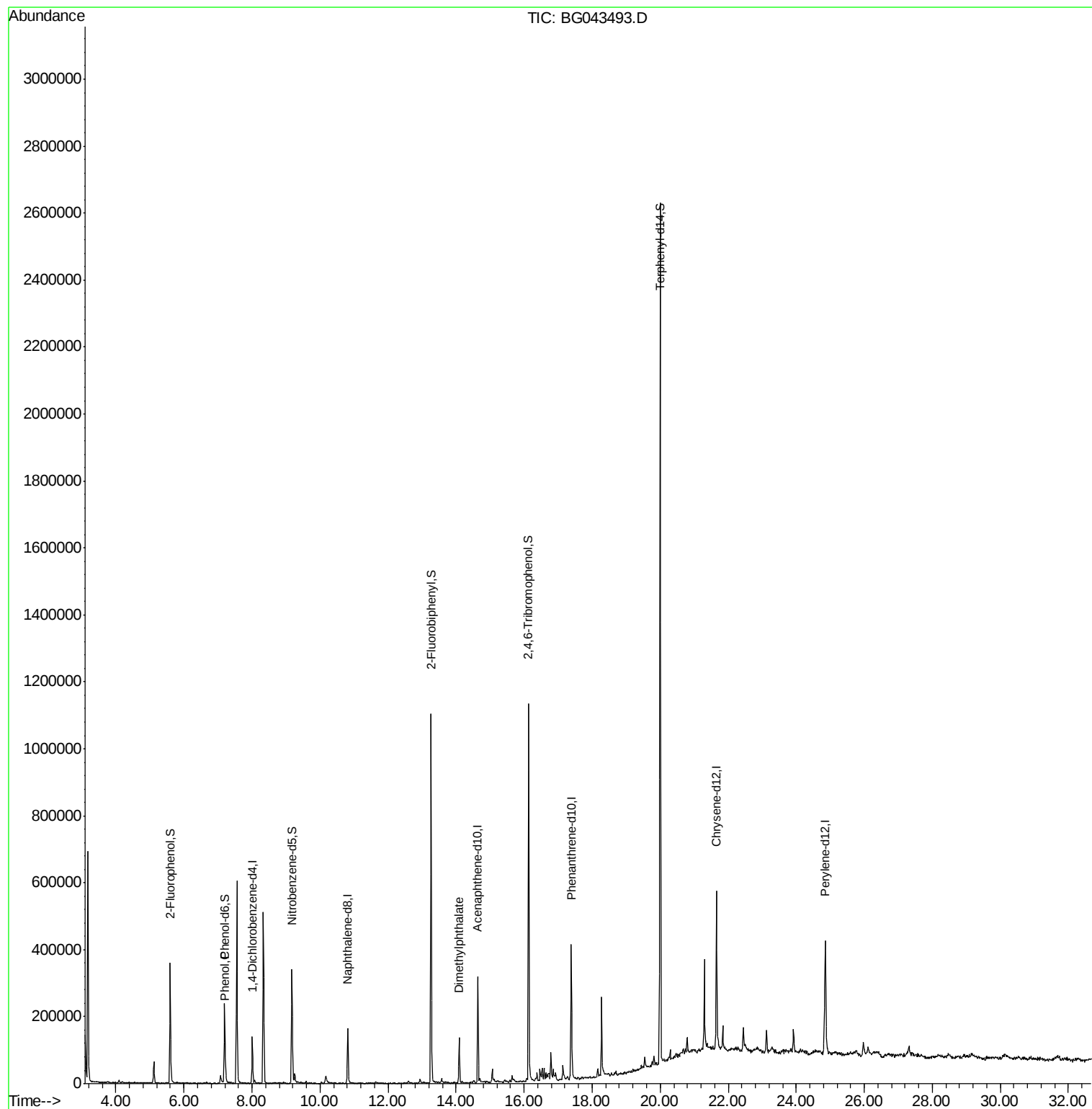
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	39256	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	153979	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	113701	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	280515	20.00	ng	0.00
76) Chrysene-d12	21.65	240	301018	20.00	ng	0.00
87) Perylene-d12	24.85	264	372474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	170424	79.55	ng	0.00
7) Phenol-d6	7.19	99	152938	49.62	ng	0.00
23) Nitrobenzene-d5	9.17	82	226172	75.73	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	267109	123.45	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	630657	76.64	ng	0.00
79) Terphenyl-d14	20.00	244	1329505	82.86	ng	0.00
Target Compounds						
10) Phenol	7.22	94	13659	4.850	ng	89
50) Dimethylphthalate	14.09	163	97056	11.020	ng	99

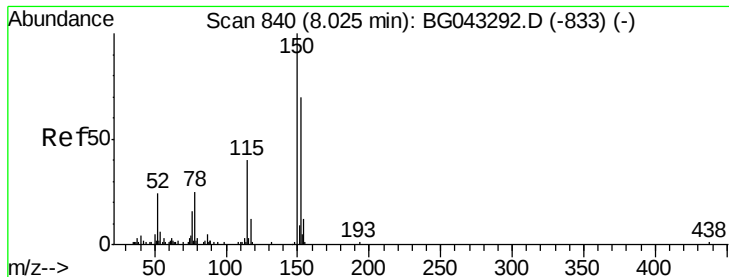
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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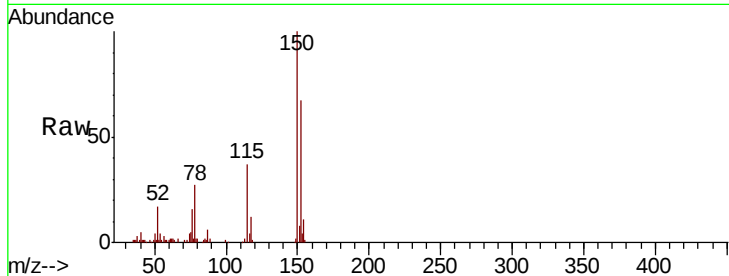


#1

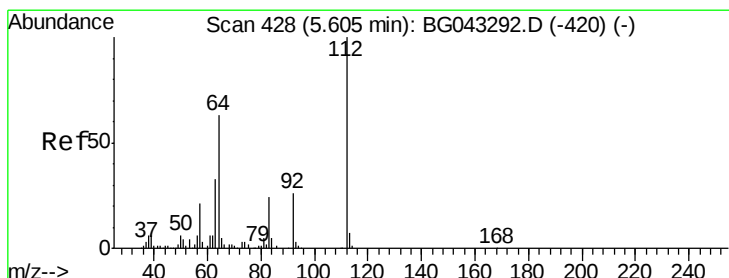
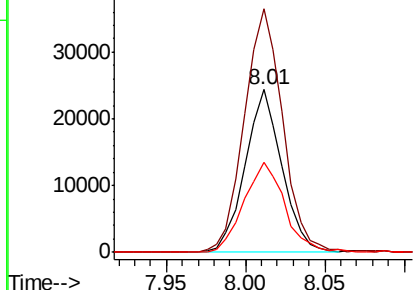
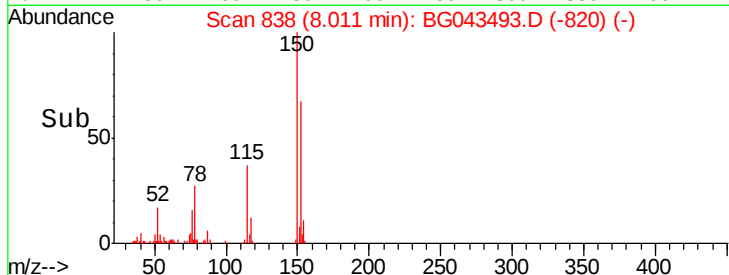
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion:152 Resp: 39256
Ion Ratio Lower Upper
152 100
150 149.9 129.4 194.0
115 55.3 48.8 73.2



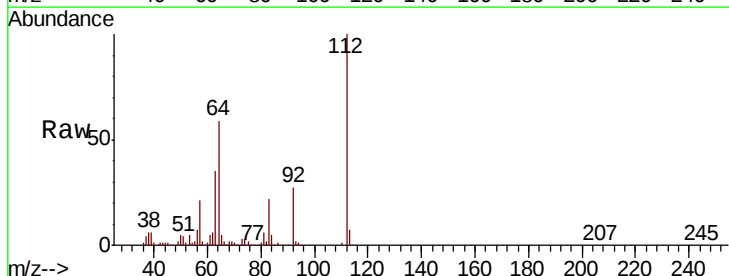
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



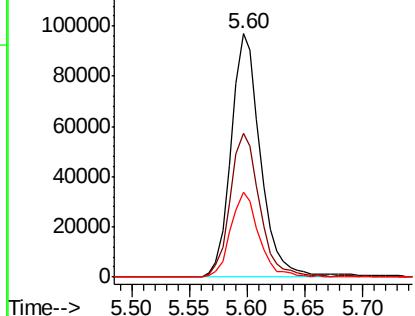
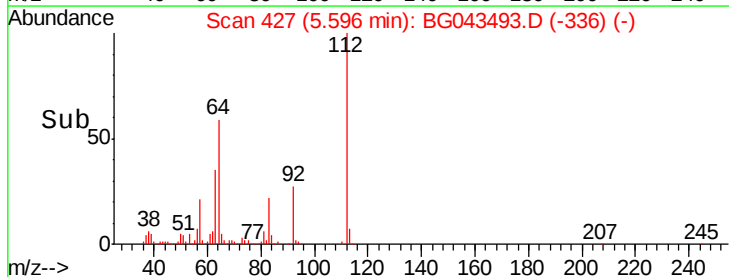
#5

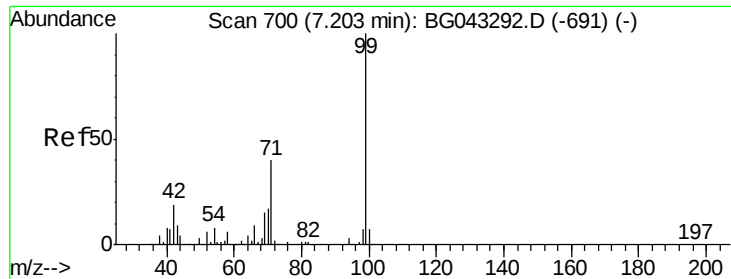
2-Fluorophenol
Concen: 79.553 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Tgt Ion:112 Resp: 170424
Ion Ratio Lower Upper
112 100
64 58.8 50.0 75.0
63 34.9 26.6 40.0



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: 49.619 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043493.D

Acq: 4 Nov 2019 22:58

Instrument :

BNA_G

ClientSampleId :

20190941-AMENDED-COMPOSITE-

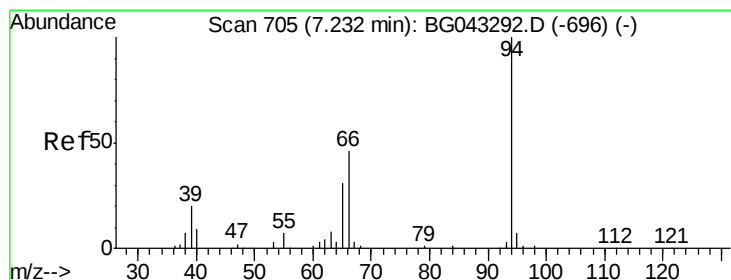
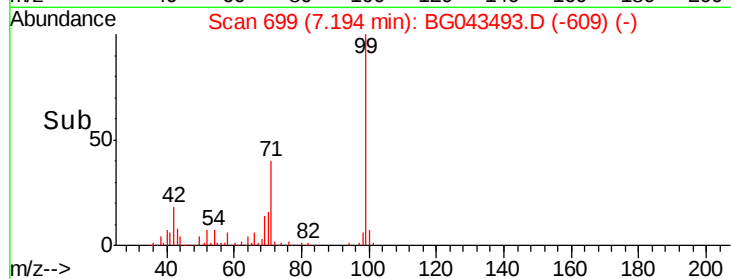
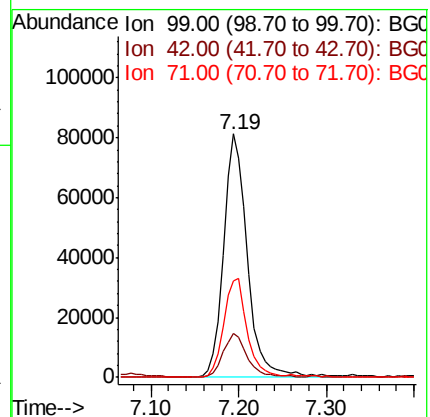
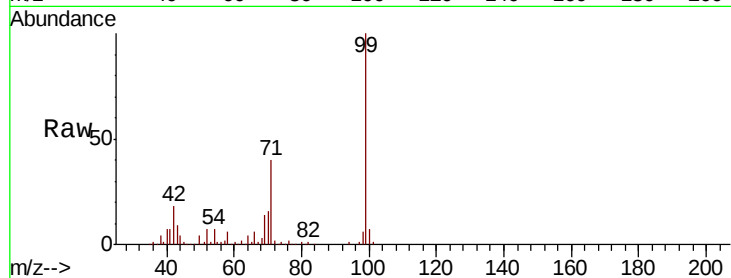
Tot Ion: 99 Resp: 152938

Ion Ratio Lower Upper

99 100

42 18.3 14.6 21.8

71 39.5 32.5 48.7



#10

Phenol

Concen: 4.850 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043493.D

Acq: 4 Nov 2019 22:58

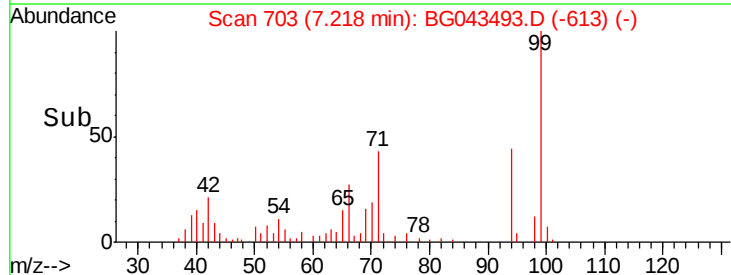
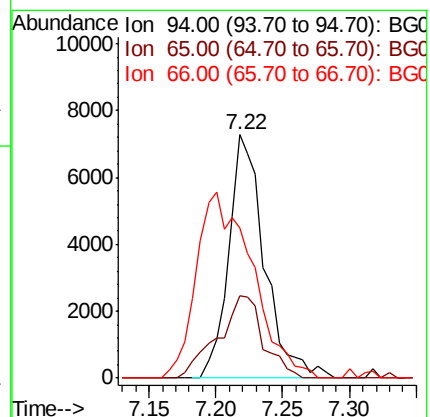
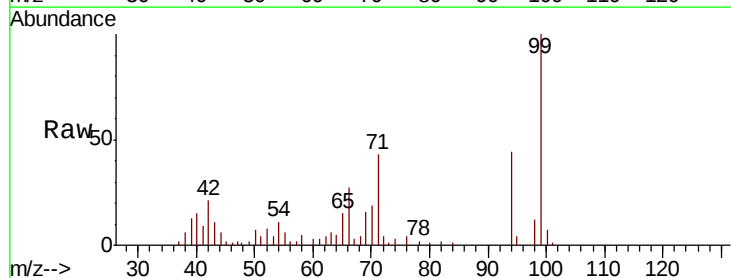
Tgt Ion: 94 Resp: 13659

Ion Ratio Lower Upper

94 100

65 34.0 12.6 52.6

66 61.6 30.7 70.7

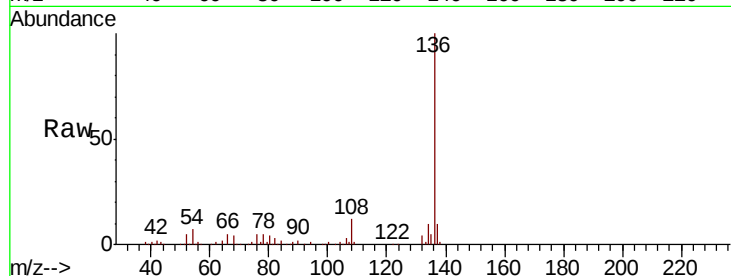




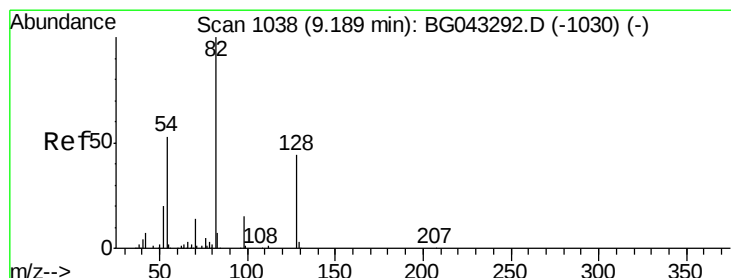
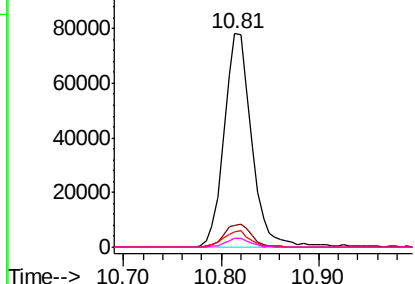
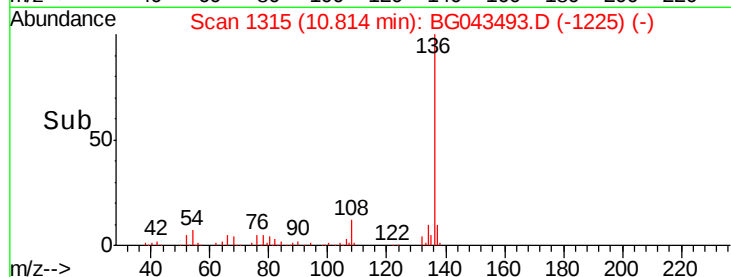
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion:136	Resp:	153979
Ion Ratio	Lower	Upper
136 100		
137 10.1	8.7	13.1
54 7.2	5.4	8.2
68 4.0	3.0	4.4

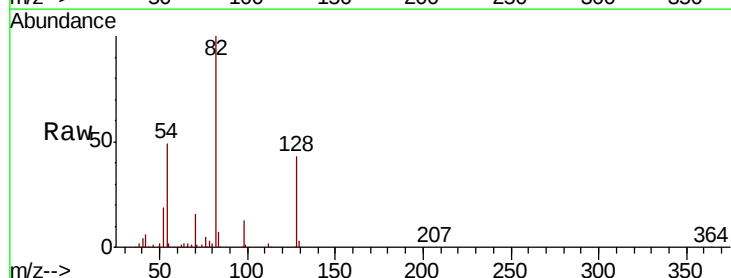


Abundance Ion 136.00 (135.70 to 136.70): E
120000 Ion 137.00 (136.70 to 137.70): E
100000 Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

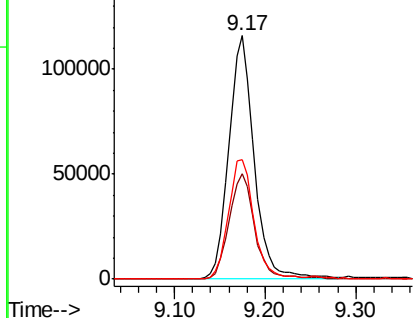
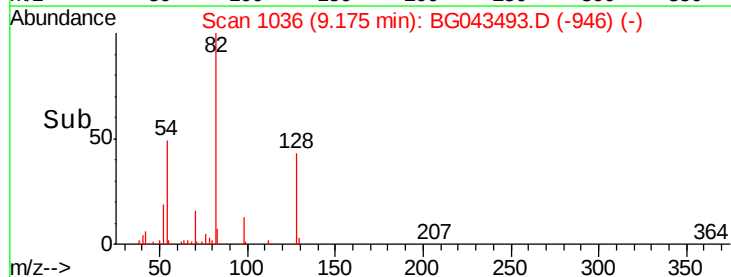


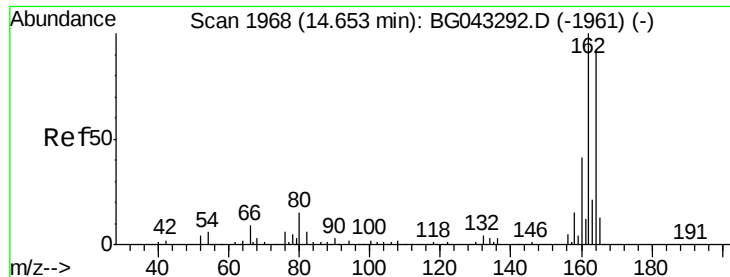
#23
Nitrobenzene-d5
Concen: 75.726 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Tgt Ion: 82	Resp: 226172
Ion Ratio	Lower Upper
82 100	
128 43.1	35.0 52.6
54 49.0	40.2 60.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043493.D

Acq: 4 Nov 2019 22:58

Instrument :

BNA_G

ClientSampleId :

20190941-AMENDED-COMPOSITE-

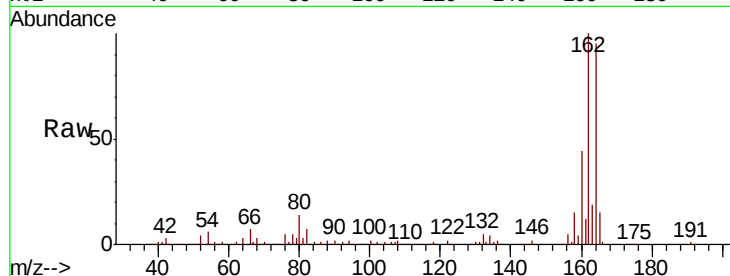
Tot Ion:164 Resp: 113701

Ion Ratio Lower Upper

164 100

162 105.6 83.5 125.3

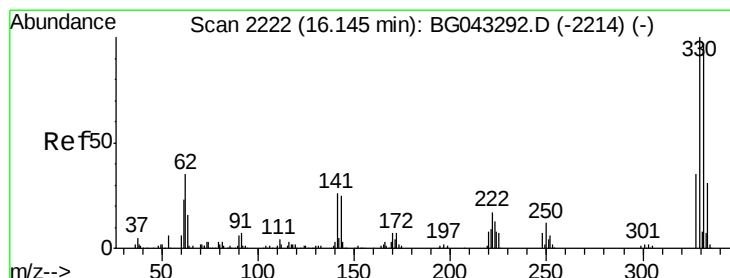
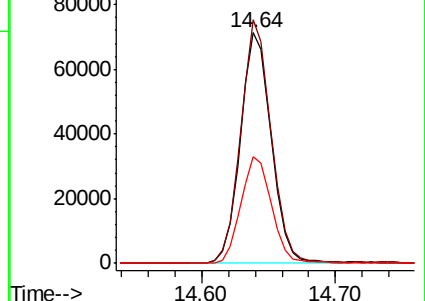
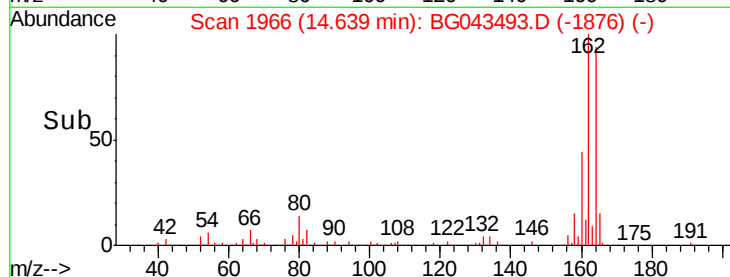
160 46.1 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 123.448 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043493.D

Acq: 4 Nov 2019 22:58

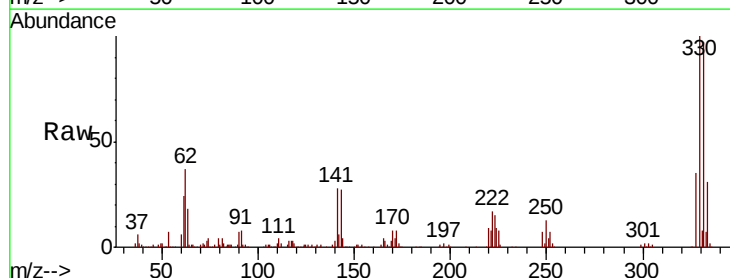
Tgt Ion:330 Resp: 267109

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

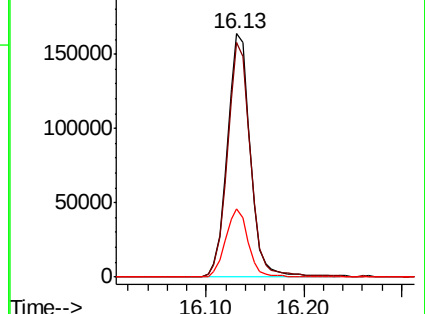
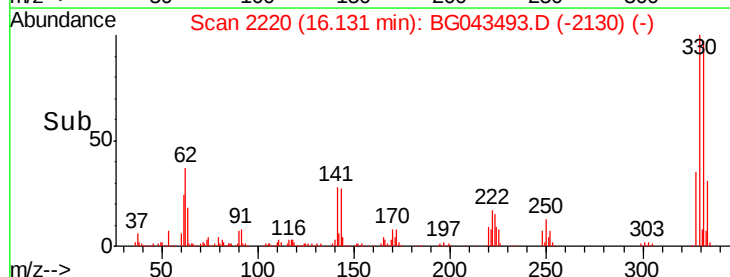
141 27.8 22.8 34.2



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

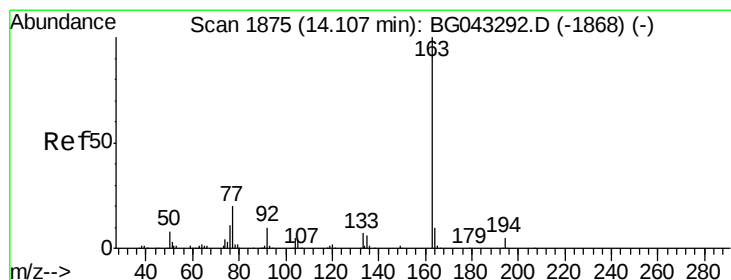
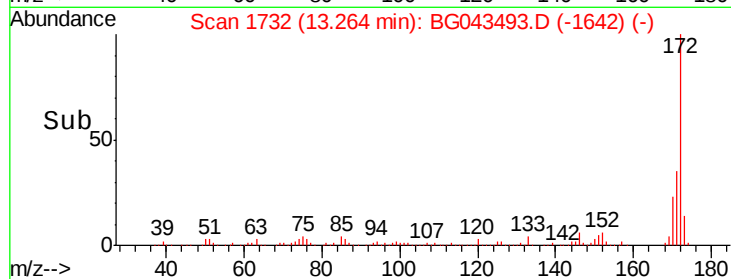
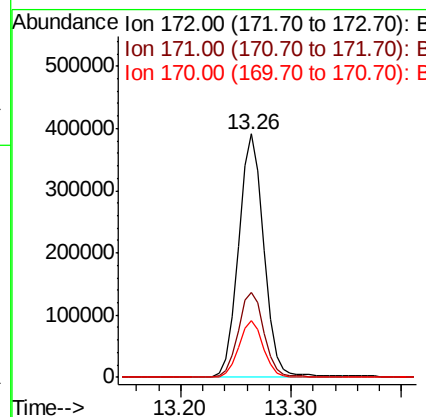
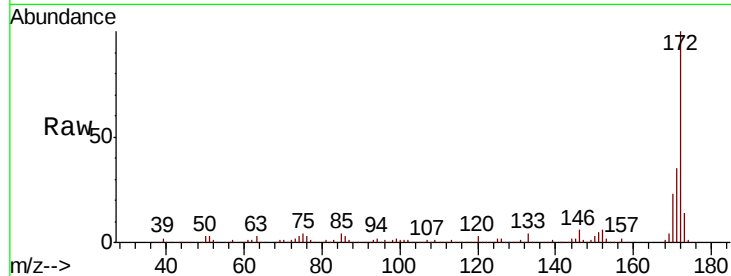




#45
 2-Fluorobiphenyl
 Concen: 76.643 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043493.D
 Acq: 4 Nov 2019 22:58

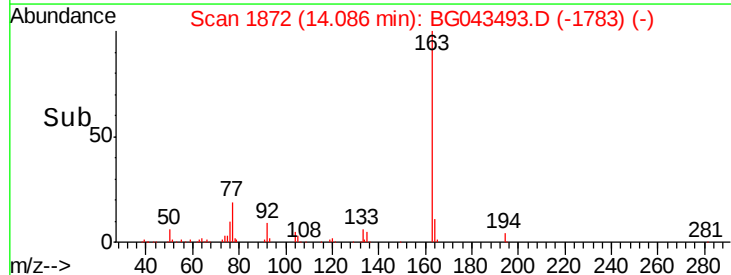
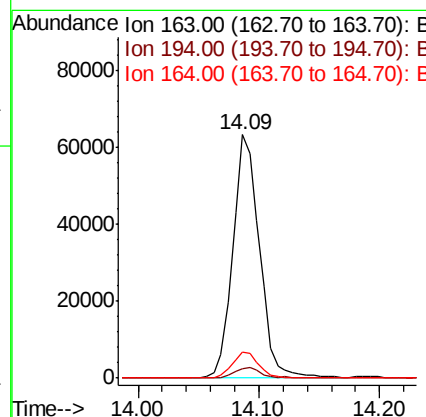
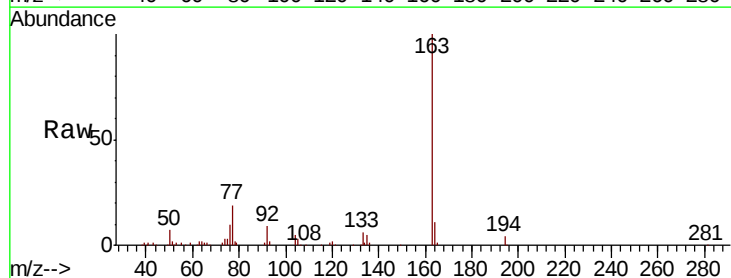
Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Tot Ion:	172	Resp:	630657
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.1	18.5	27.7



#50
 Dimethylphthalate
 Concen: 11.020 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG043493.D
 Acq: 4 Nov 2019 22:58

Tgt Ion:	163	Resp:	97056
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.8	5.6
164	10.7	8.9	13.3

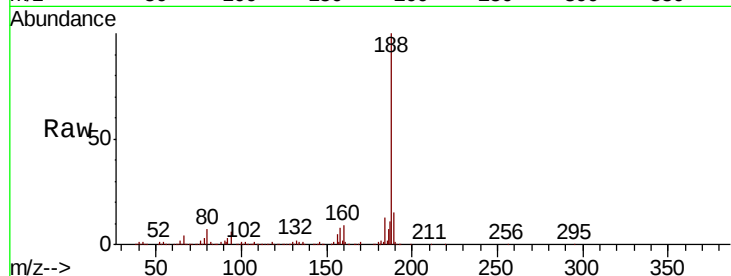




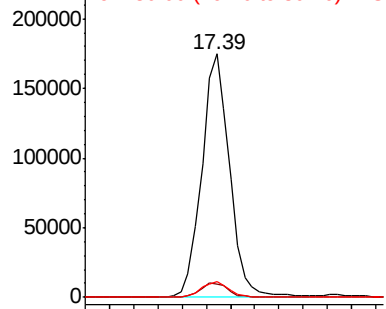
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

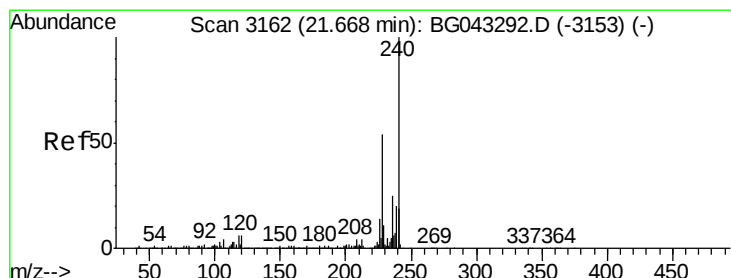
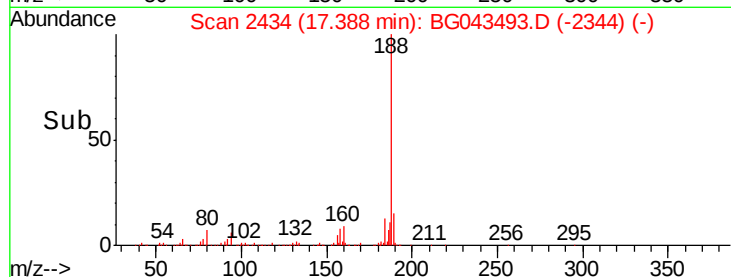
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.4
80	6.6	4.5	6.7



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

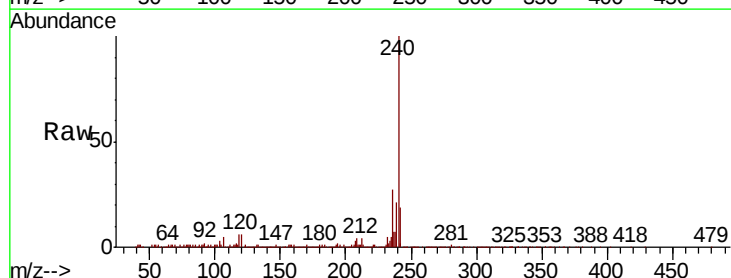


Time-->

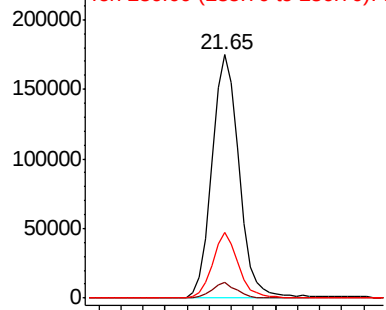


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

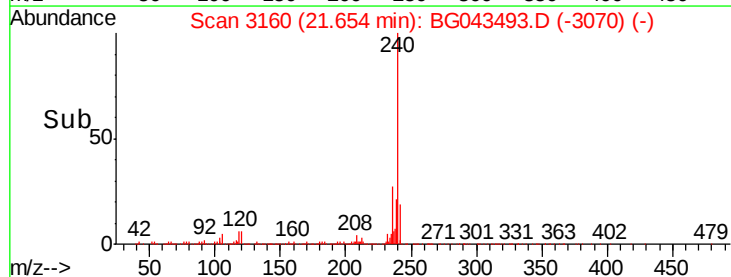
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.6	6.8
236	27.1	19.8	29.8

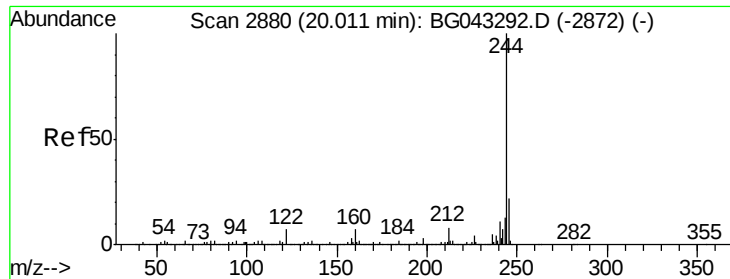


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

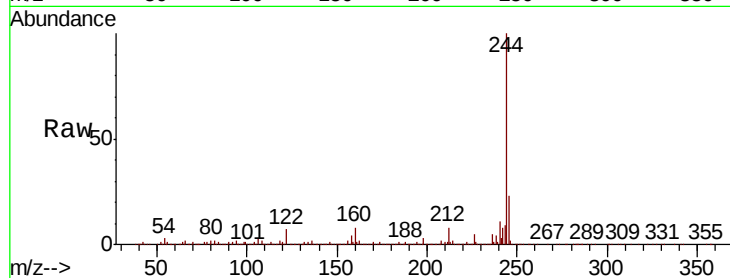




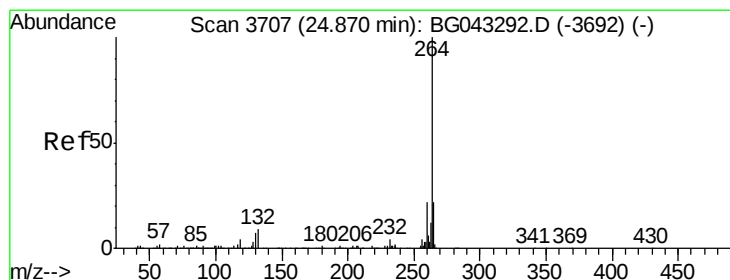
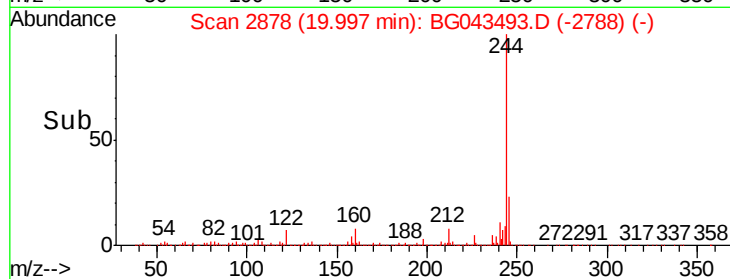
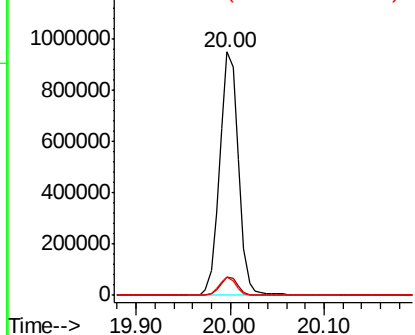
#79
 Terphenyl-d14
 Concen: 82.860 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043493.D
 Acq: 4 Nov 2019 22:58

Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Tot Ion:244 Resp: 1329505
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 7.4 5.4 8.2

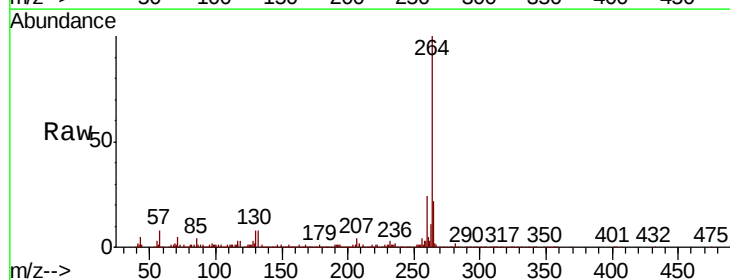


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BG043493.D
 Acq: 4 Nov 2019 22:58

Tgt Ion:264 Resp: 372474
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.5 26.3
 265 21.5 17.4 26.0



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

