

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044494.D
 Acq On : 19 Feb 2020 18:06
 Operator : CG/JU
 Sample : L1558-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:15:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

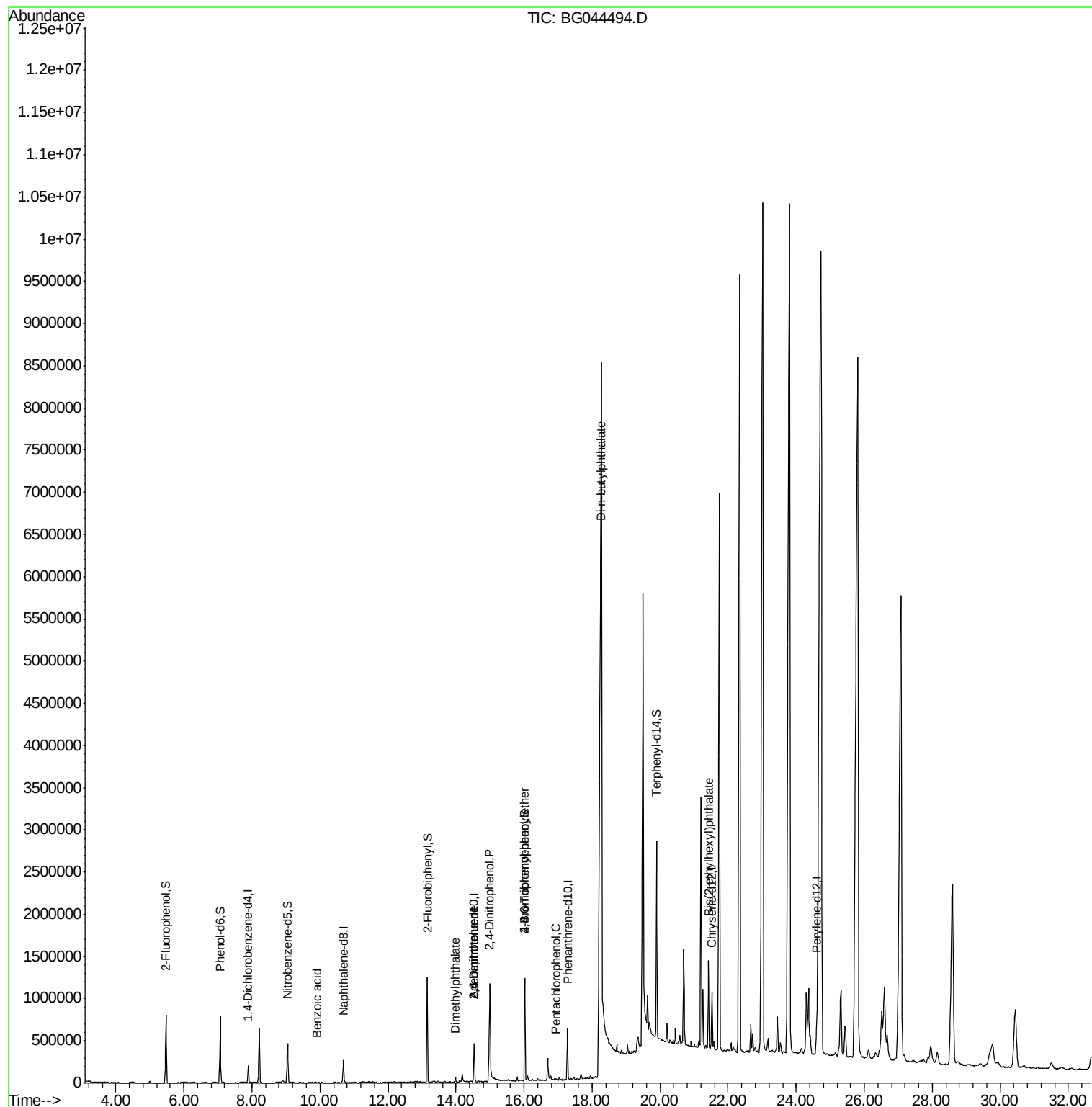
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	59867	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	246843	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	160428	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	388237	20.00	ng	-0.02
76) Chrysene-d12	21.52	240	380157	20.00	ng	-0.02
87) Perylene-d12	24.61	264	393336	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	391707	115.47	ng	-0.01
7) Phenol-d6	7.07	99	506438	111.18	ng	-0.01
23) Nitrobenzene-d5	9.05	82	301504	68.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	239866	127.36	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	685052	71.51	ng	-0.01
79) Terphenyl-d14	19.90	244	1170400	63.33	ng	0.00
Target Compounds						
32) Benzoic acid	9.92	122	68	14.194	ng	# 55
50) Dimethylphthalate	13.98	163	34646	3.004	ng	99
51) 2,6-Dinitrotoluene	14.53	165	20951	8.148	ng	# 29
54) 2,4-Dinitrophenol	14.99	184	109	7.690	ng	# 1
57) 2,4-Dinitrotoluene	14.53	165	20951	5.814	ng	# 27
67) 4-Bromophenyl-phenylether	16.02	248	16641	3.934	ng	# 1
70) Pentachlorophenol	16.94	266	1762	3.849	ng	# 72
74) Di-n-butylphthalate	18.24	149	55240	2.609	ng	98
84) Bis(2-ethylhexyl)phthalate	21.43	149	452138	29.525	ng	97

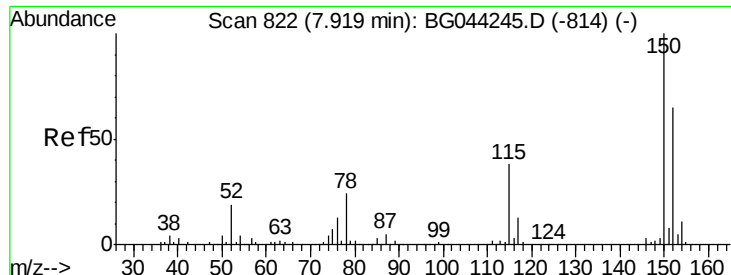
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044494.D
Acq On : 19 Feb 2020 18:06
Operator : CG/JU
Sample : L1558-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 20 07:15:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



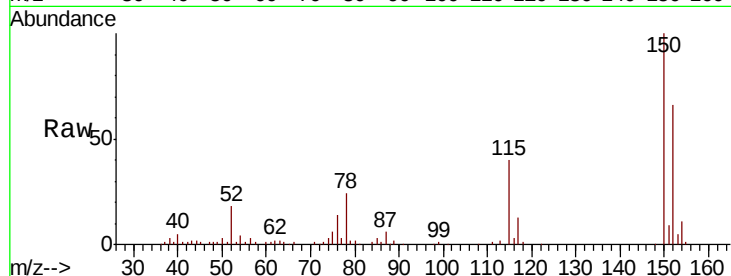


#1

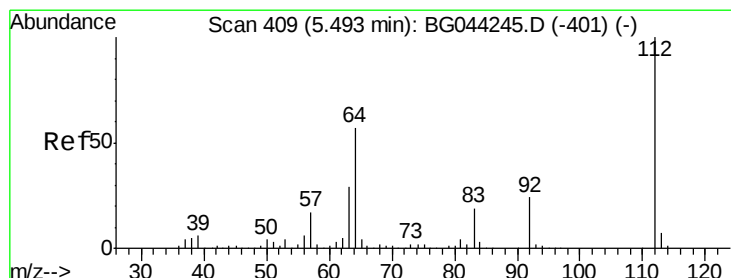
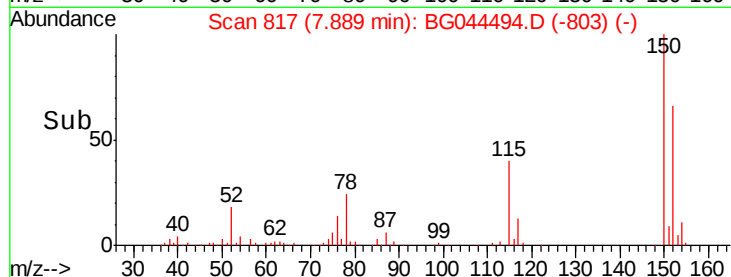
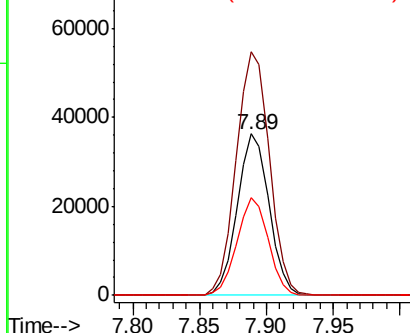
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	122.6	183.8
115	60.3	46.0	69.0



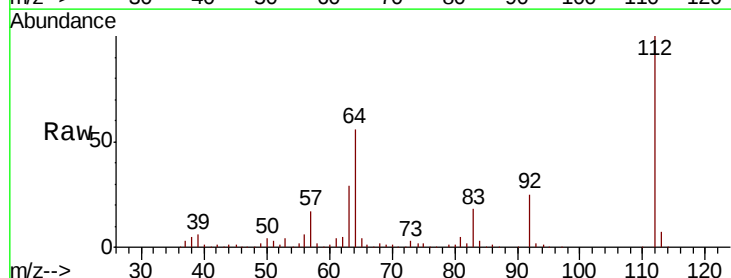
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



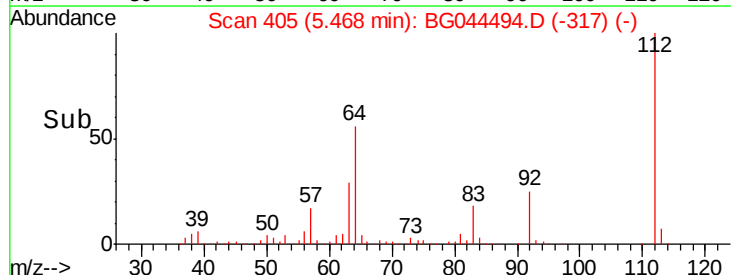
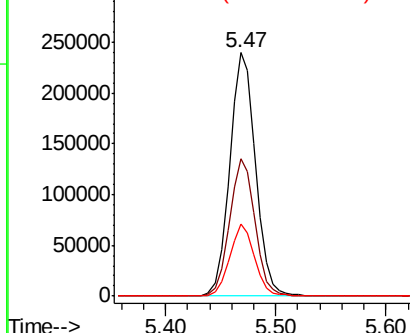
#5

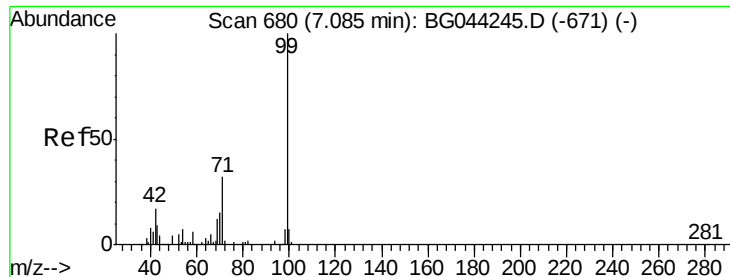
2-Fluorophenol
 Concen: 115.473 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.4	68.2
63	29.5	22.9	34.3



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: 111.178 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

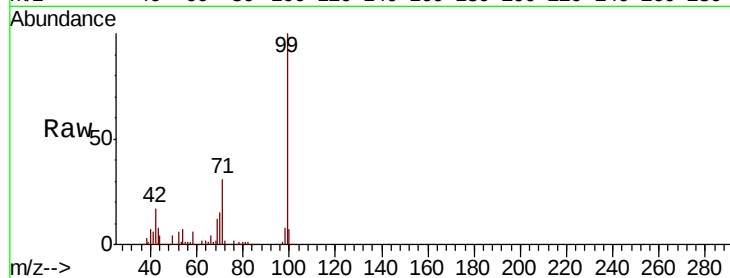
Tot Ion: 99 Resp: 506438

Ion Ratio Lower Upper

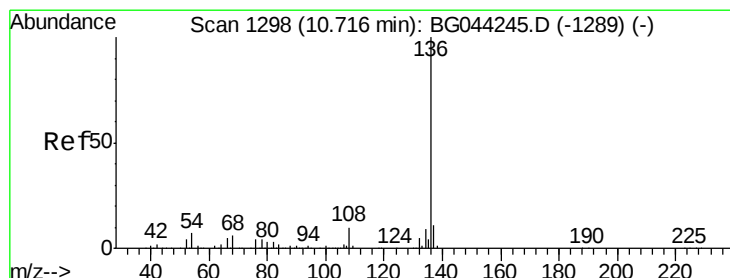
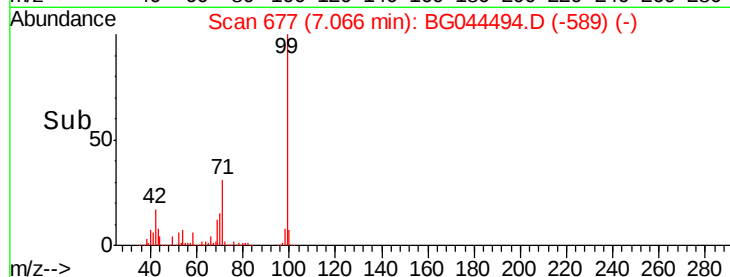
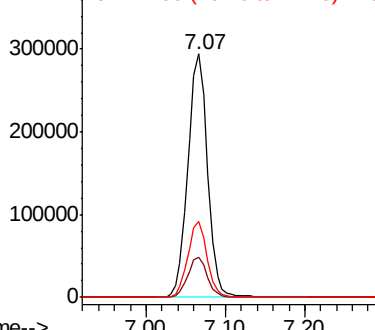
99 100

42 16.7 13.8 20.6

71 31.0 25.5 38.3



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: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

Tgt Ion: 136 Resp: 246843

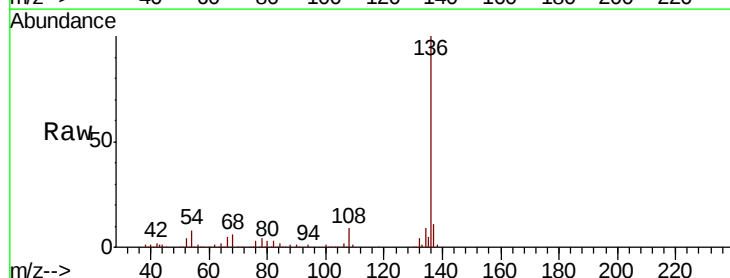
Ion Ratio Lower Upper

136 100

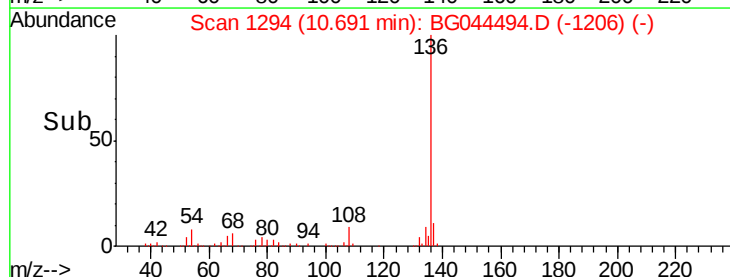
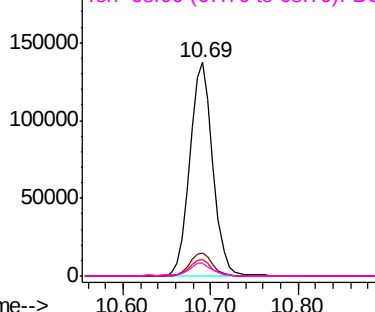
137 10.7 8.8 13.2

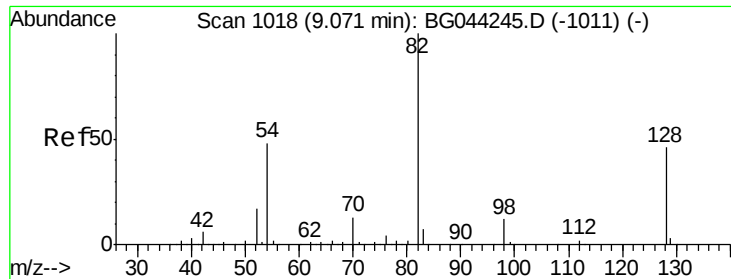
54 7.6 5.8 8.8

68 5.8 4.6 6.8



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

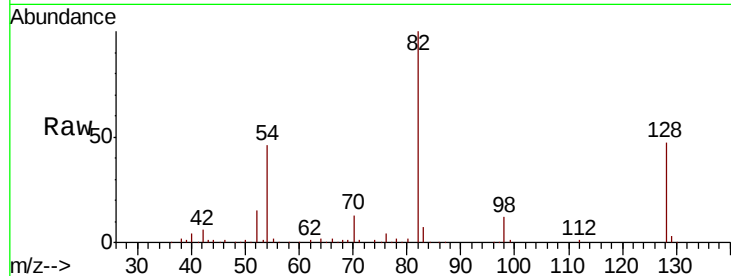




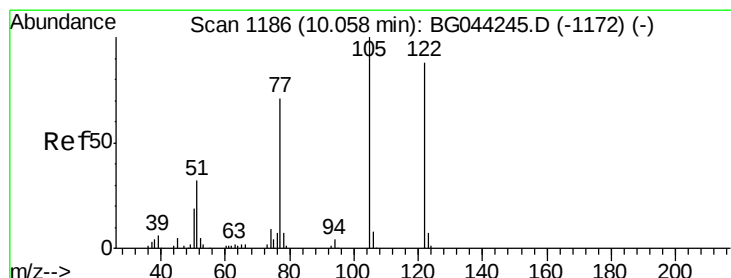
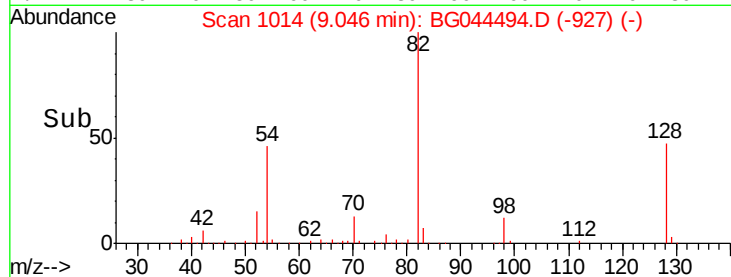
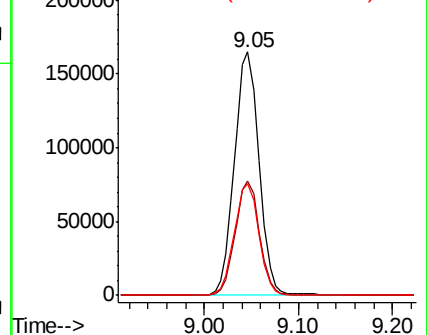
#23
 Nitrobenzene-d5
 Concen: 68.958 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	301504
Ion Ratio	100	Lower	Upper
128	46.7	36.5	54.7
54	45.9	38.6	58.0

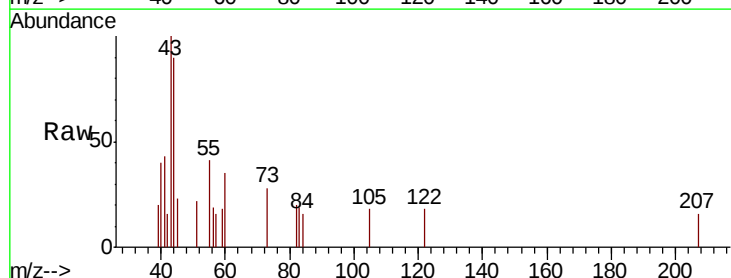


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

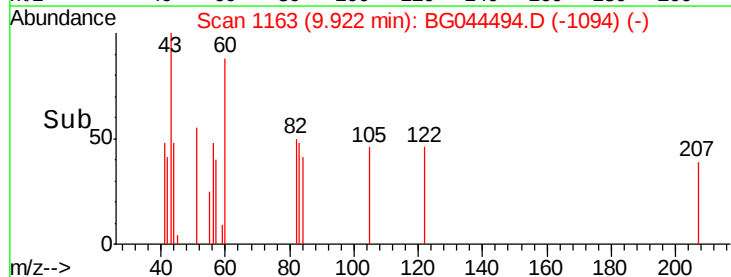
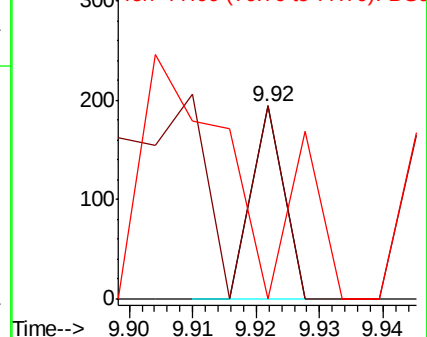


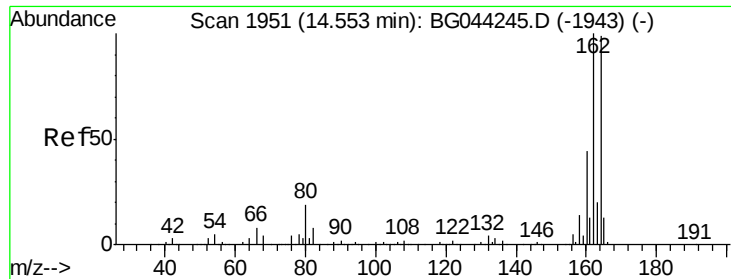
#32
 Benzoic acid
 Concen: 14.194 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. -0.12 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Tgt Ion	122	Resp	68
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	100.0	93.5	133.5
77	0.0	61.0	101.0#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

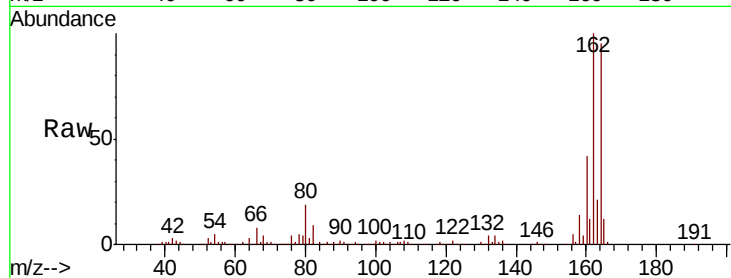
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 160428

Ion	Ratio	Lower	Upper
164	100		
162	105.1	80.7	121.1
160	44.5	35.3	52.9

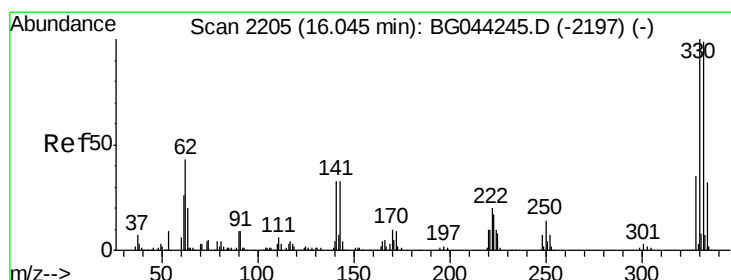
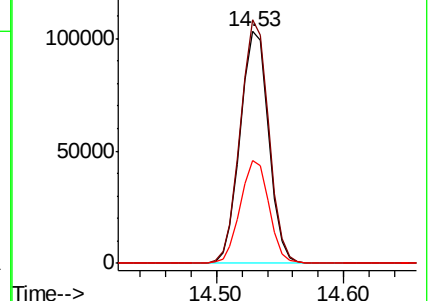
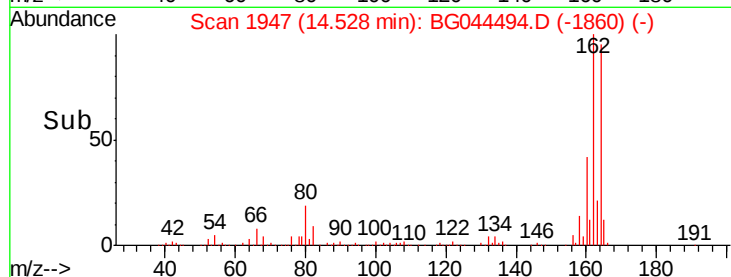


Abundance

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: 127.363 ng

RT: 16.02 min Scan# 2201

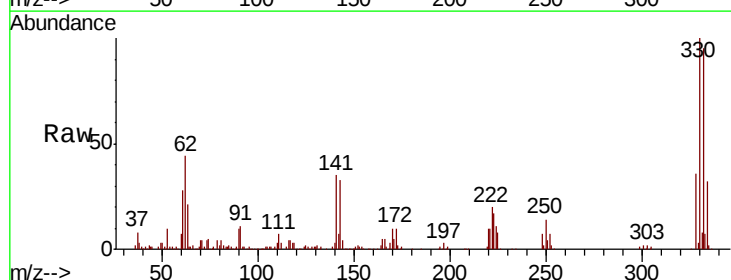
Delta R.T. -0.01 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

Tgt Ion:330 Resp: 239866

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	34.5	28.3	42.5

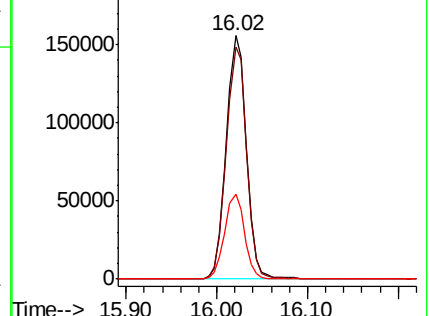
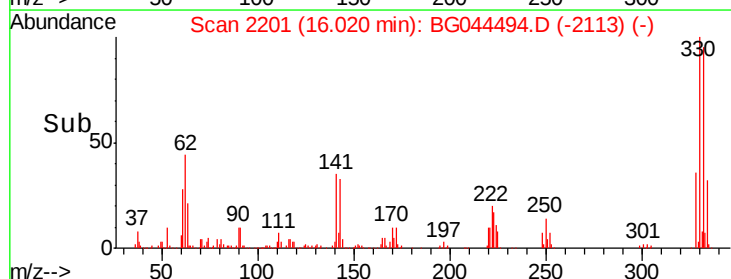


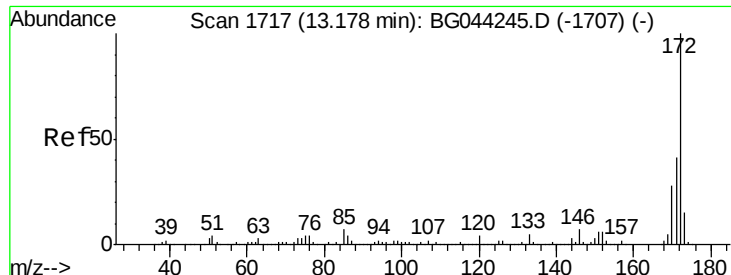
Abundance

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

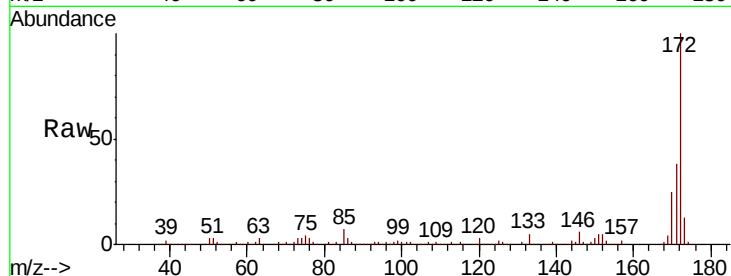




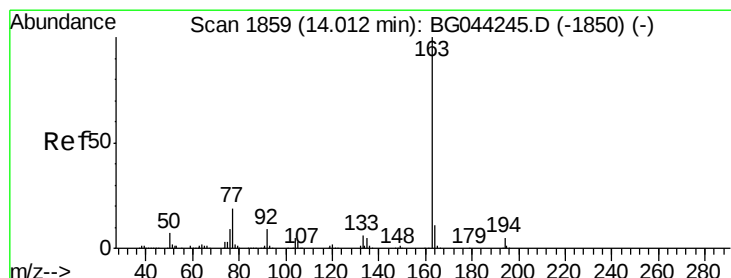
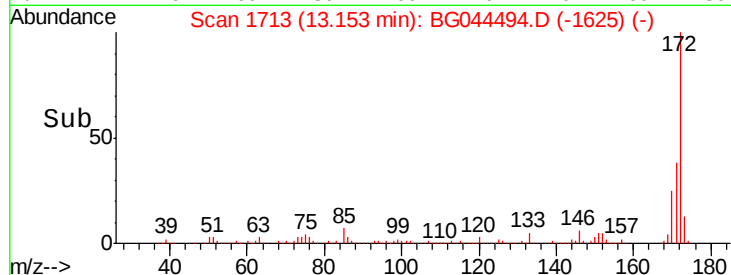
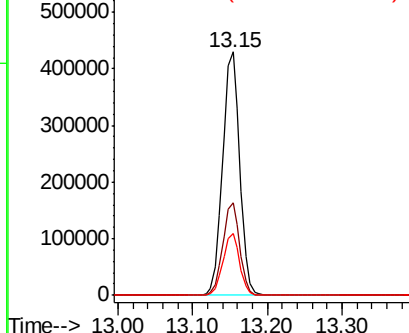
#45
 2-Fluorobiphenyl
 Concen: 71.506 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 685052
 Ion Ratio Lower Upper
 172 100
 171 38.0 32.9 49.3
 170 25.3 22.0 33.0

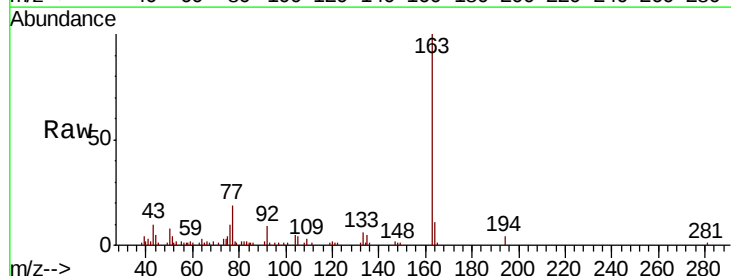


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

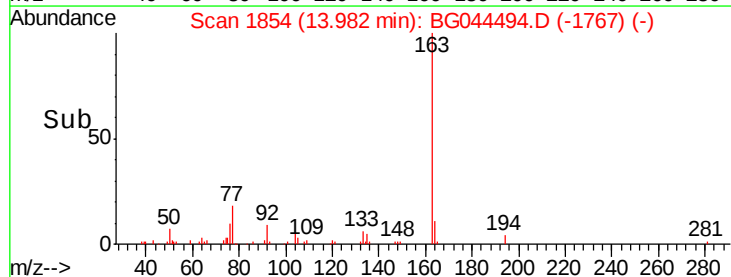
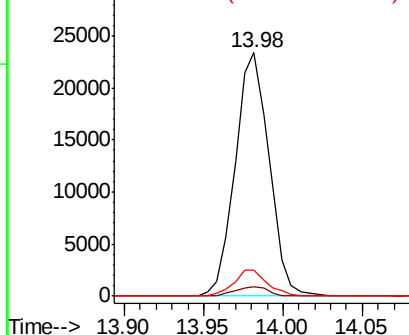


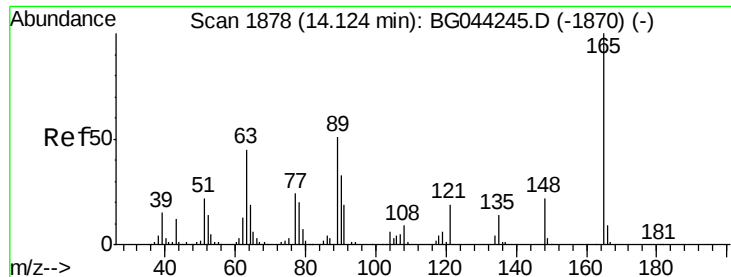
#50
 Dimethylphthalate
 Concen: 3.004 ng
 RT: 13.98 min Scan# 1854
 Delta R.T. -0.02 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Tgt Ion:163 Resp: 34646
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.6 5.4
 164 10.8 8.7 13.1



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

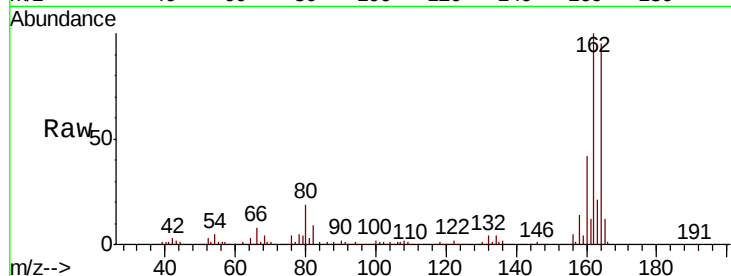




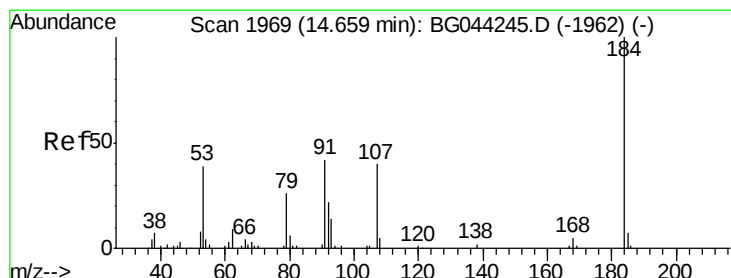
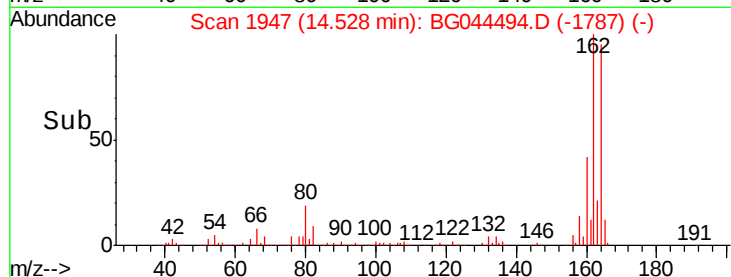
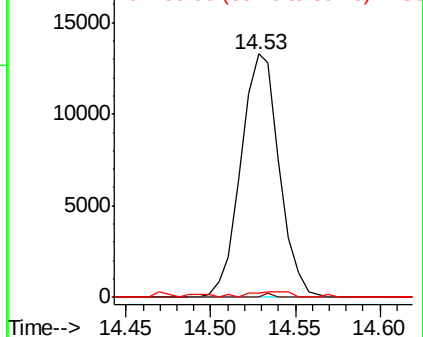
#51
 2,6-Dinitrotoluene
 Concen: 8.148 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.8	40.4	60.6#

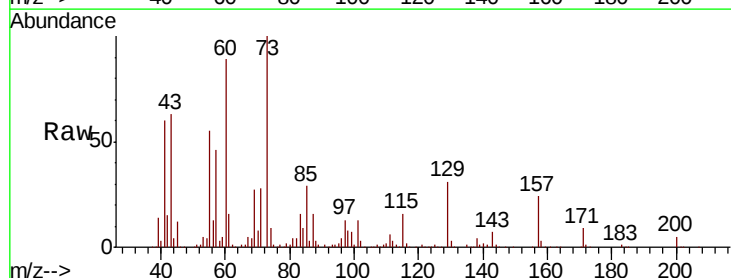


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

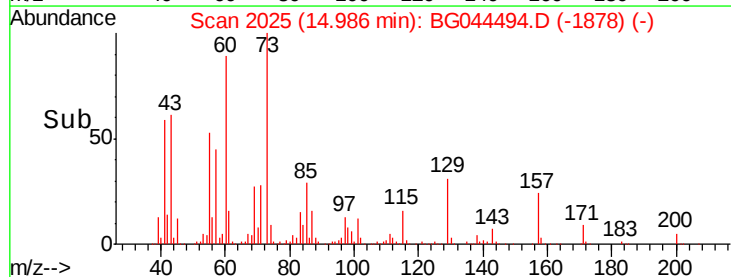
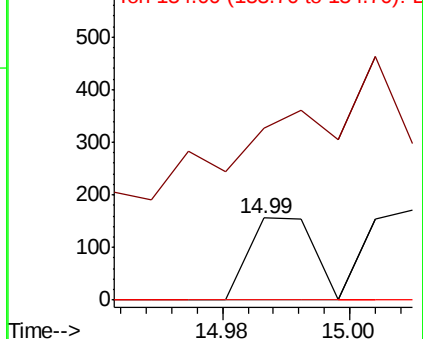


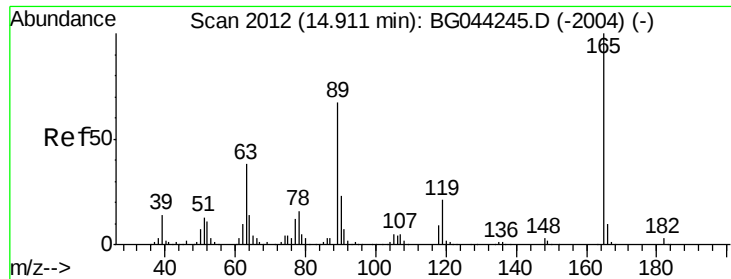
#54
 2,4-Dinitrophenol
 Concen: 7.690 ng
 RT: 14.99 min Scan# 2025
 Delta R.T. 0.34 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	210.3	44.1	66.1#
154	0.0	45.4	68.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

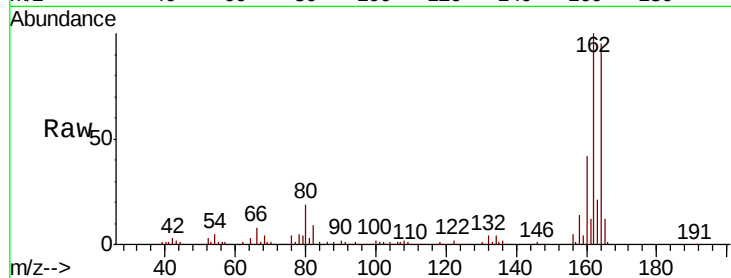




#57
2,4-Dinitrotoluene
Concen: 5.814 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG044494.D
Acq: 19 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.8	53.4	80.2#
182	0.0	2.1	3.1#



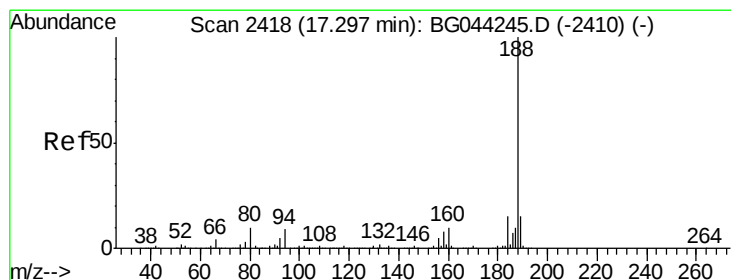
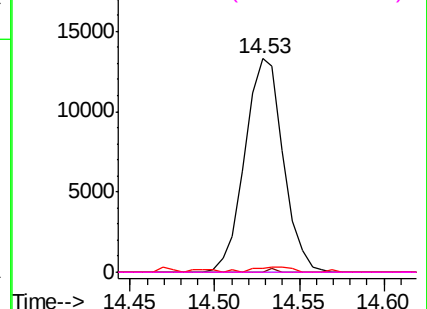
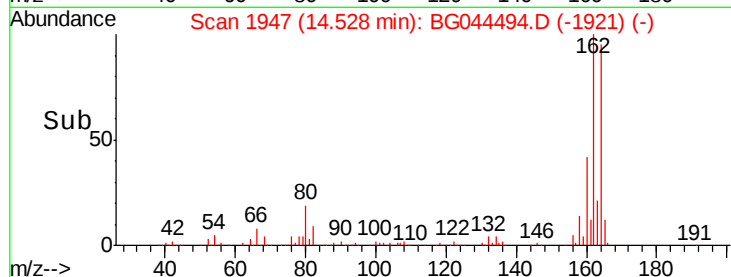
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

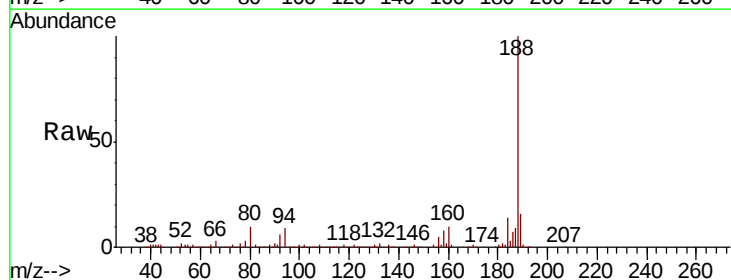
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG044494.D
Acq: 19 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.4	7.7	11.5

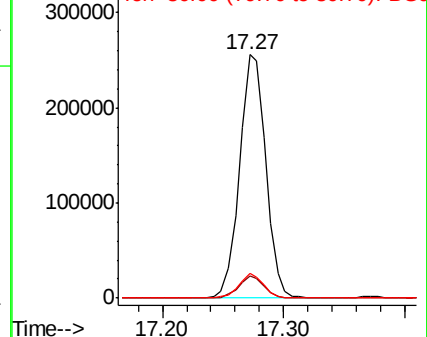
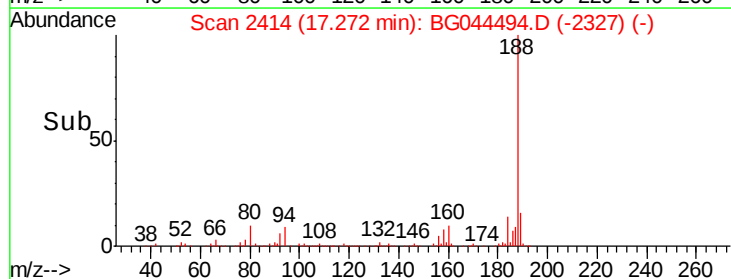


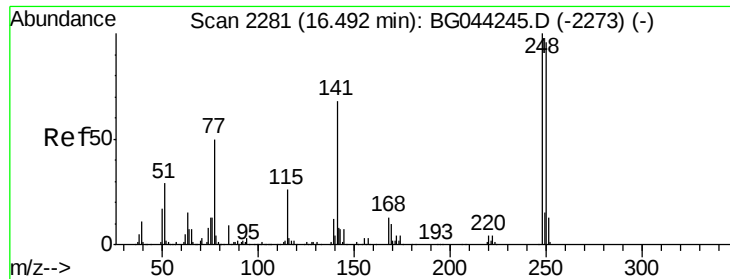
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 3.934 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.46 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

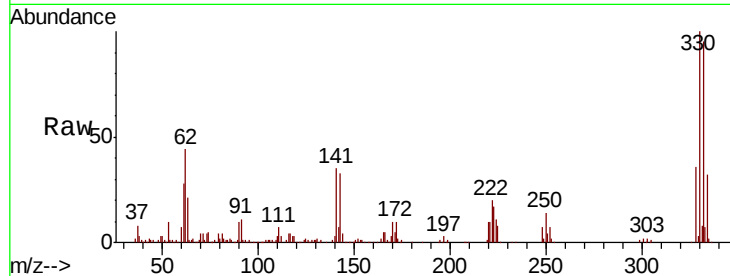
Tot Ion:248 Resp: 16641

Ion Ratio Lower Upper

248 100

250 192.2 76.6 114.8#

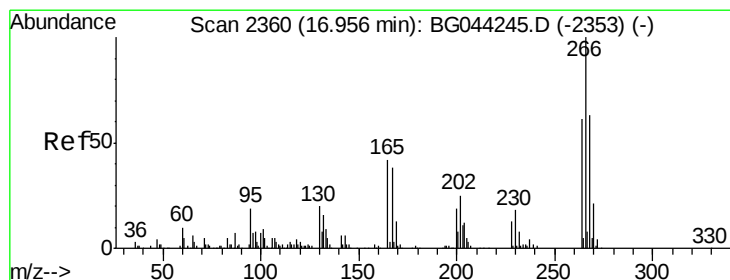
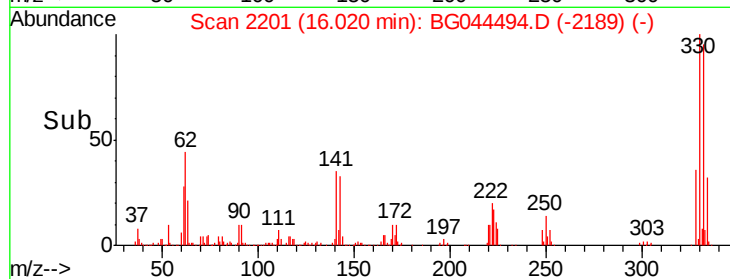
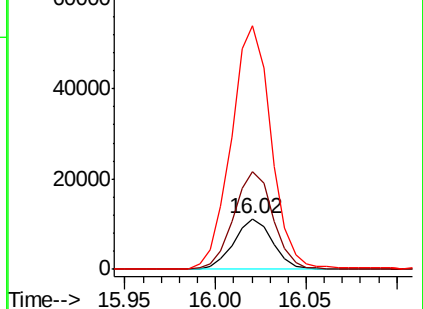
141 478.9 54.7 82.1#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Pentachlorophenol

Concen: 3.849 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

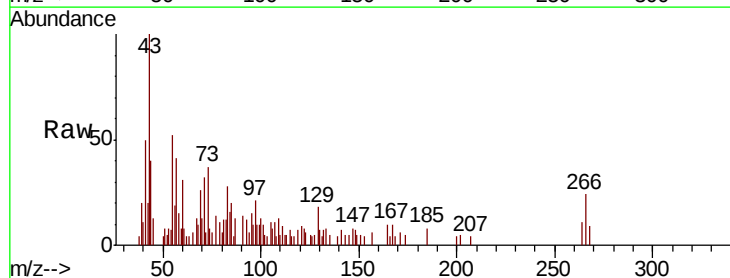
Tgt Ion:266 Resp: 1762

Ion Ratio Lower Upper

266 100

268 36.8 50.6 75.8#

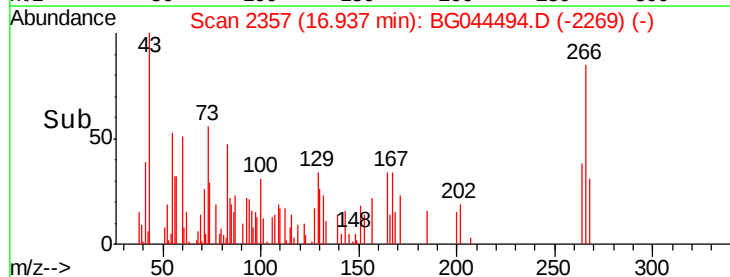
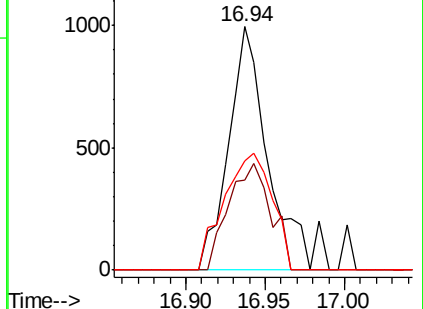
264 44.7 48.7 73.1#

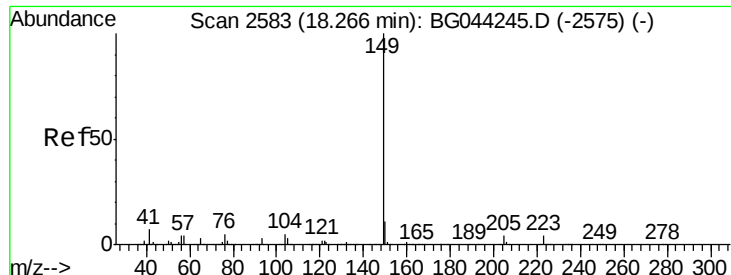


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#74

Di-n-butylphthalate

Concen: 2.609 ng

RT: 18.24 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

Instrument :

BNA_G

ClientSampleId :

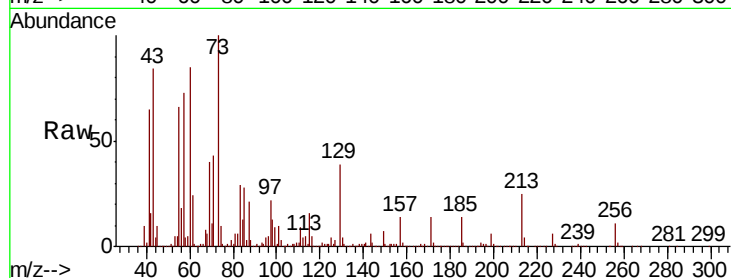
Tot Ion:149 Resp: 55240

Ion Ratio Lower Upper

149 100

150 9.9 8.7 13.1

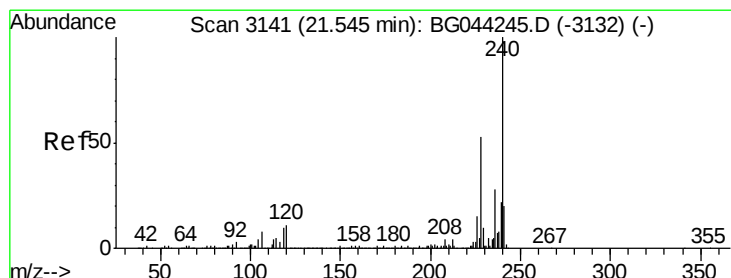
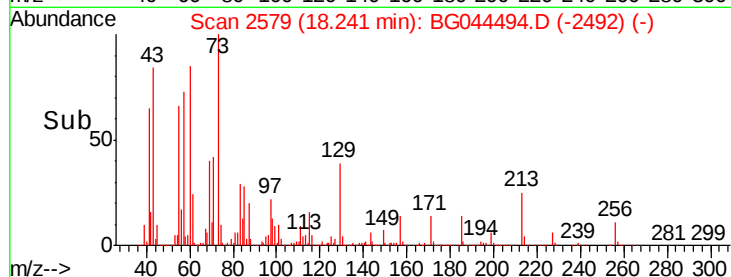
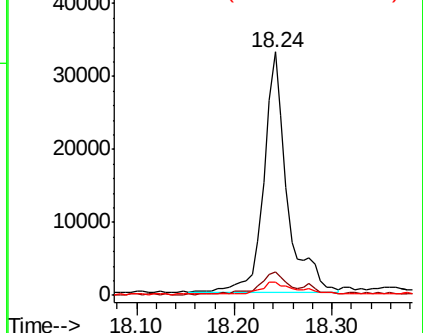
104 5.5 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044494.D

Acq: 19 Feb 2020 18:06

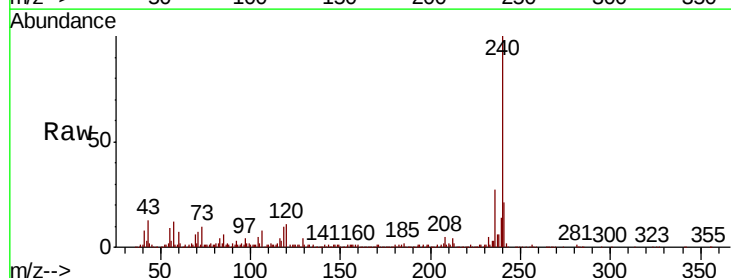
Tgt Ion:240 Resp: 380157

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

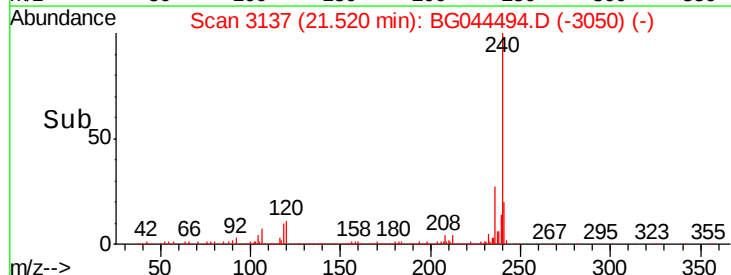
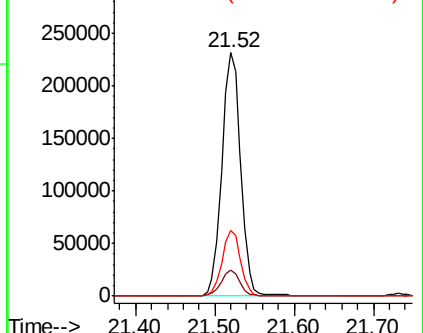
236 27.2 22.1 33.1

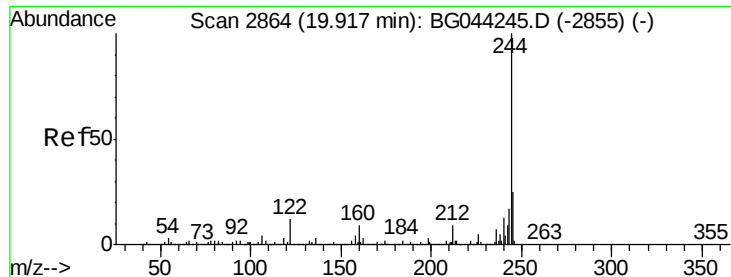


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

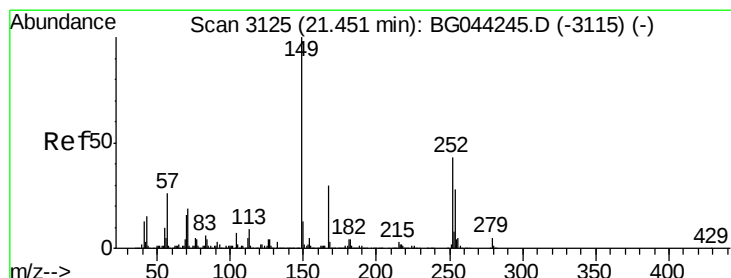
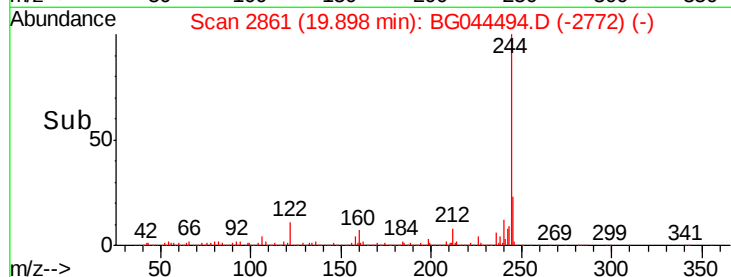
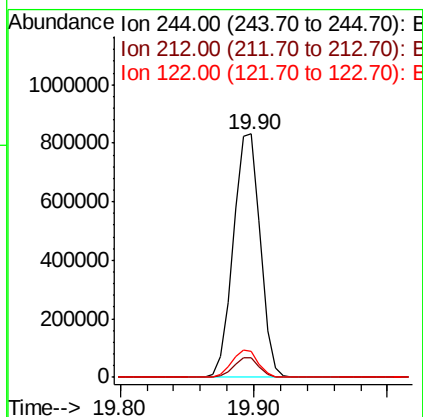
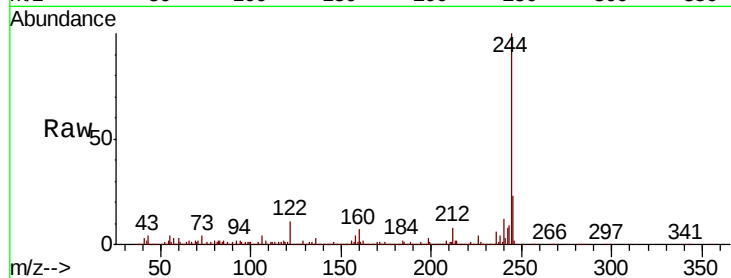




#79
 Terphenyl-d14
 Concen: 63.325 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

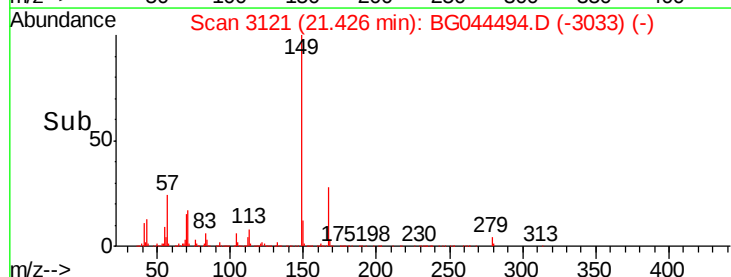
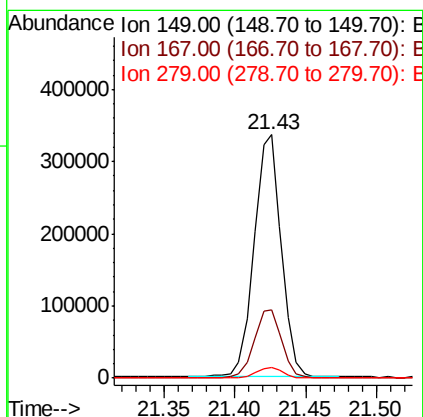
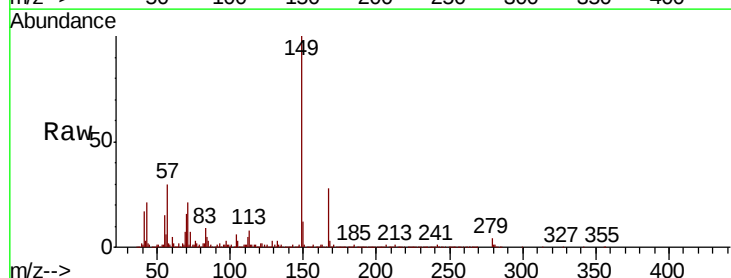
Instrument :
 BNA_G
 ClientSampleId :

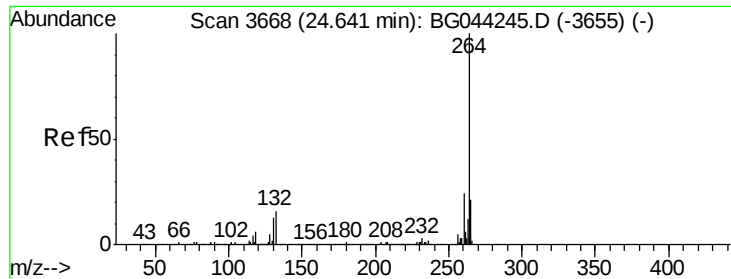
Tot Ion:244 Resp: 1170400
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.4 11.2
 122 10.7 9.8 14.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 29.525 ng
 RT: 21.43 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG044494.D
 Acq: 19 Feb 2020 18:06

Tgt Ion:149 Resp: 452138
 Ion Ratio Lower Upper
 149 100
 167 28.0 24.0 36.0
 279 4.4 3.8 5.8

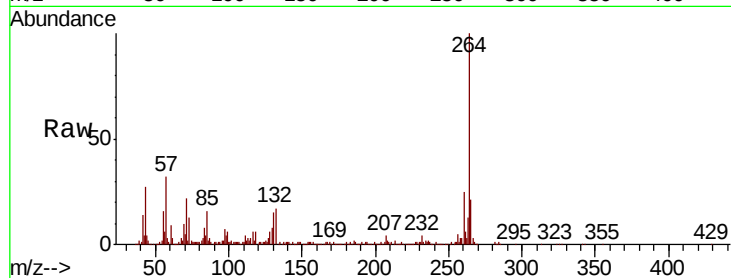




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044494.D
Acq: 19 Feb 2020 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.4	16.7	25.1



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

