

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
 Data File : BG045150.D
 Acq On : 23 Apr 2020 20:29
 Operator : CG/JU
 Sample : L2350-08 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 01:50:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

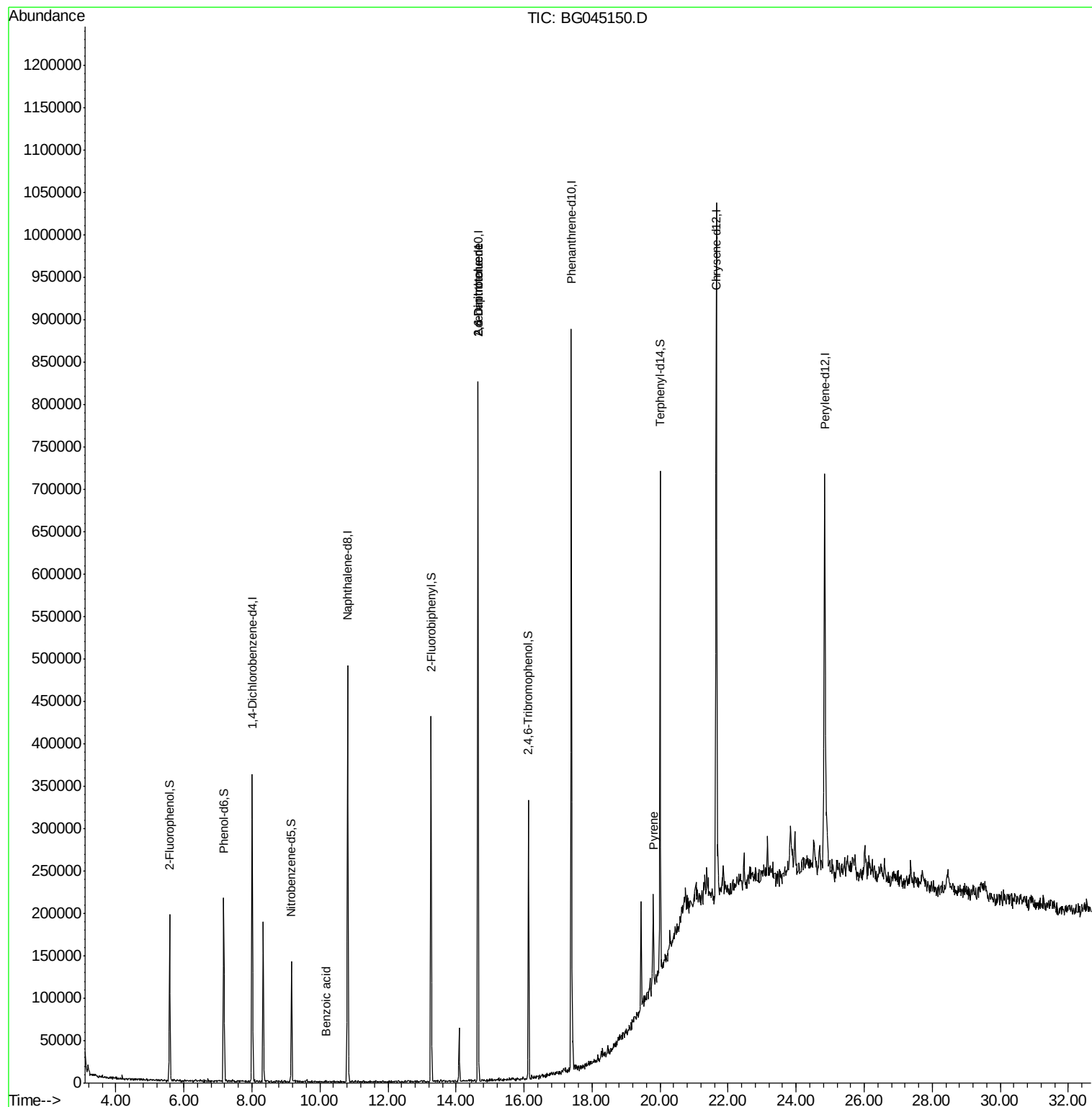
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	105349	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	441108	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	299770	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	596043	20.00	ng	0.00
76) Chrysene-d12	21.65	240	484216	20.00	ng	0.00
87) Perylene-d12	24.84	264	532130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	94602	14.83	ng	0.00
7) Phenol-d6	7.17	99	144622	15.25	ng	0.00
23) Nitrobenzene-d5	9.16	82	97870	10.12	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	63770	13.77	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	239030	11.69	ng	0.00
79) Terphenyl-d14	20.00	244	312008	14.04	ng	0.00
Target Compounds						
9) Benzaldehyde	7.17	77	125	Below Cal	#	72
32) Benzoic acid	10.19	122	55	6.382 ng	#	1
51) 2,6-Dinitrotoluene	14.65	165	40807	7.474 ng	#	25
57) 2,4-Dinitrotoluene	14.65	165	40807	5.115 ng	#	22
69) Atrazine	16.80	200	55	Below Cal	#	35
74) Di-n-butylphthalate	18.35	149	1291	Below Cal	#	76
75) Fluoranthene	19.44	202	81056	Below Cal	#	97
77) Benzidine	19.61	184	307	Below Cal	#	1
78) Pyrene	19.80	202	71613	2.145 ng	#	97

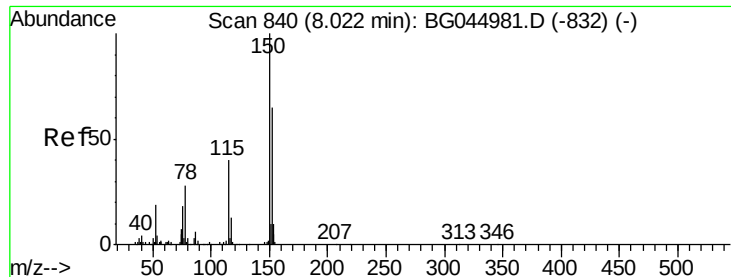
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 24 01:50:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration



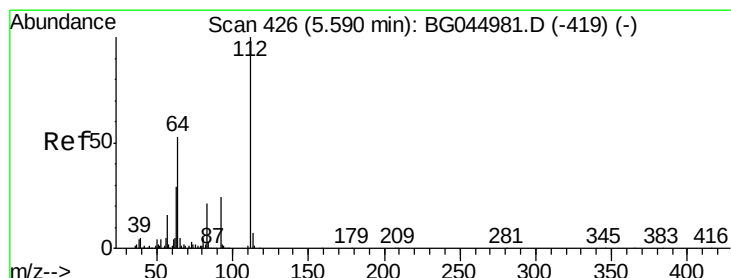
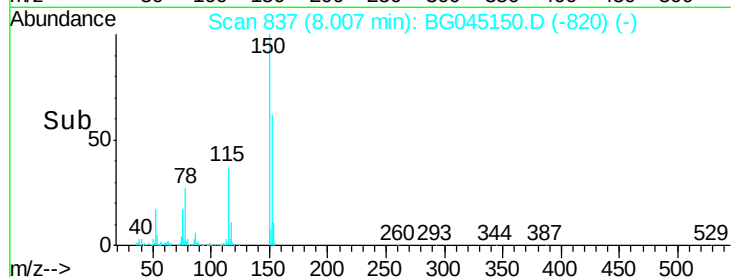
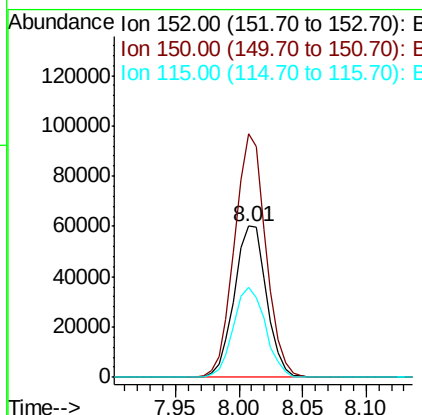
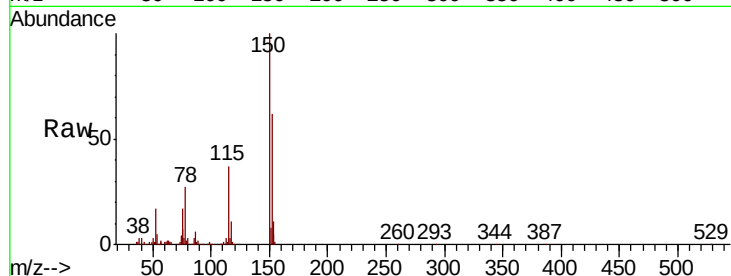


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG045150.D
 Acq: 23 Apr 2020 20:29

Instrument :
 BNA_G
 ClientSampleId :

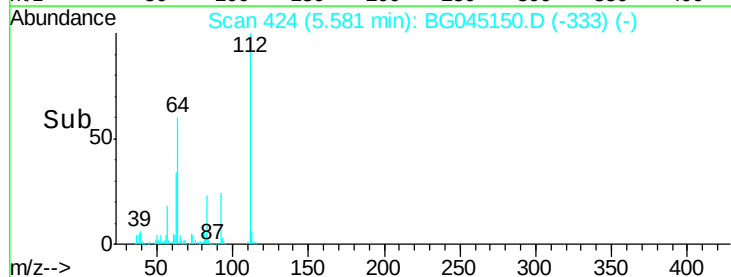
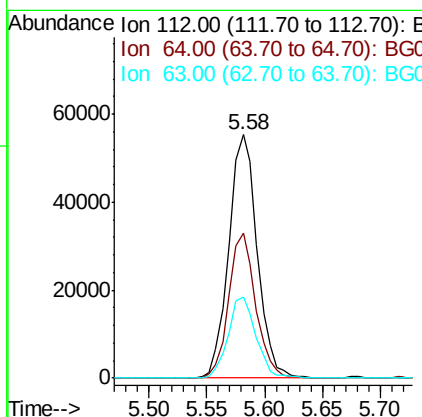
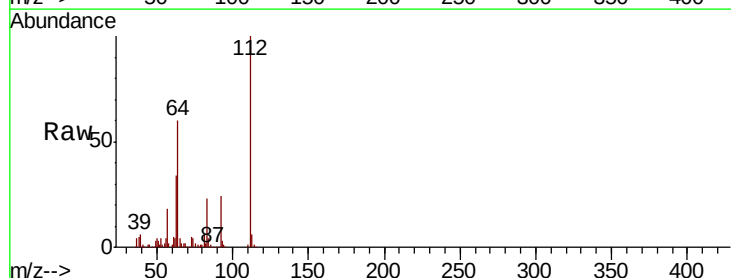
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.6	185.4
115	59.3	49.1	73.7

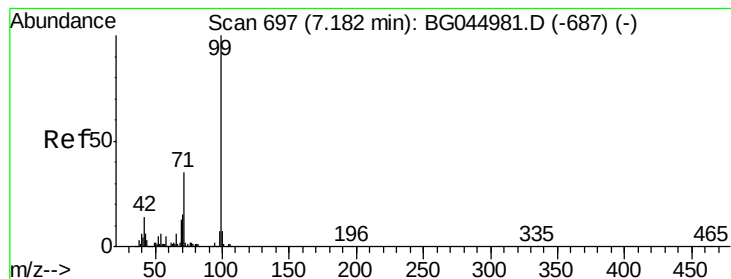


#5

2-Fluorophenol
 Concen: 14.825 ng
 RT: 5.58 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BG045150.D
 Acq: 23 Apr 2020 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	42.4	63.6
63	33.5	23.1	34.7





#7

Phenol-d6

Concen: 15.254 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

Instrument :

BNA_G

ClientSampled :

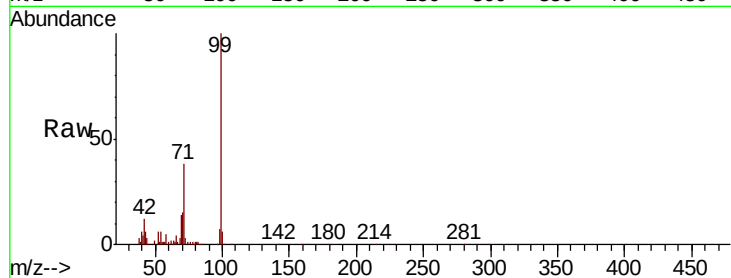
Tot Ion: 99 Resp: 144622

Ion Ratio Lower Upper

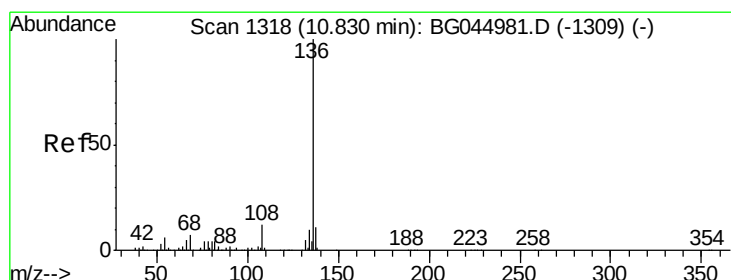
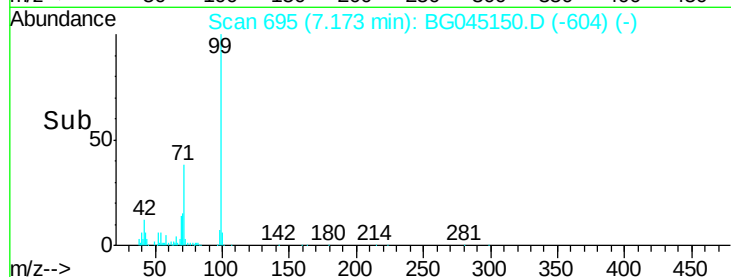
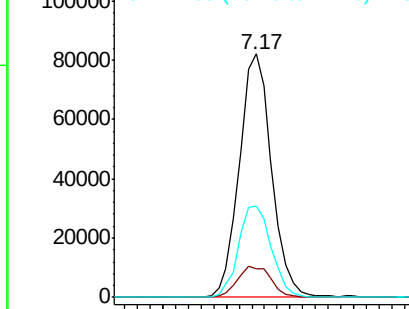
99 100

42 11.6 11.3 16.9

71 37.5 28.3 42.5



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: 10.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

Tgt Ion: 136 Resp: 441108

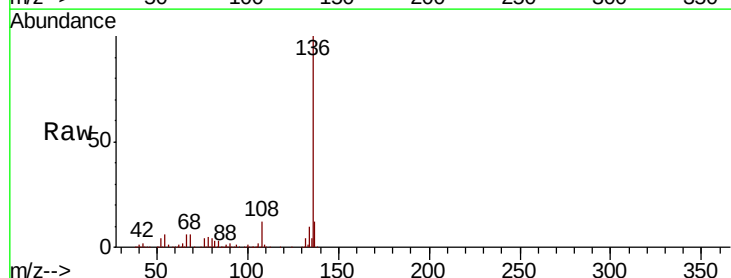
Ion Ratio Lower Upper

136 100

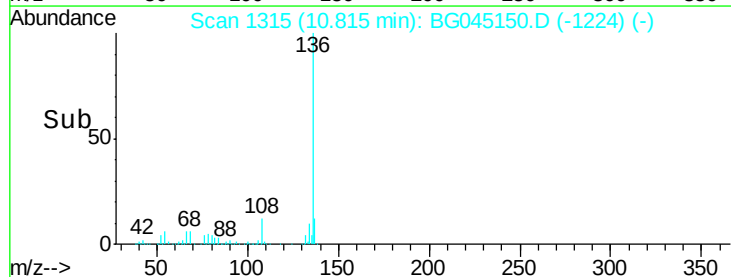
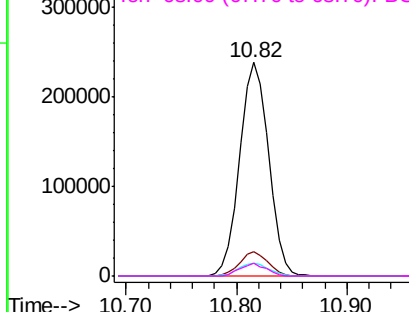
137 11.6 8.6 13.0

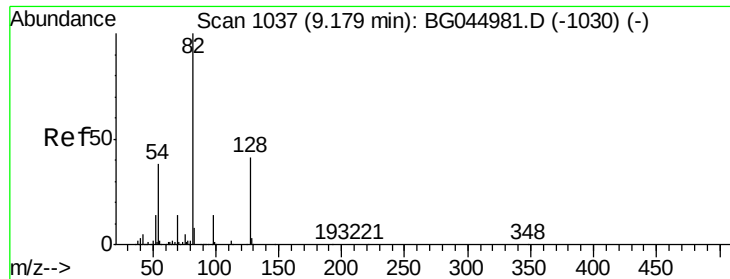
54 6.1 4.8 7.2

68 5.7 5.2 7.8



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

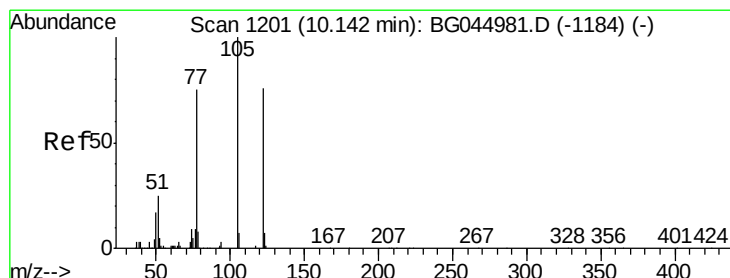
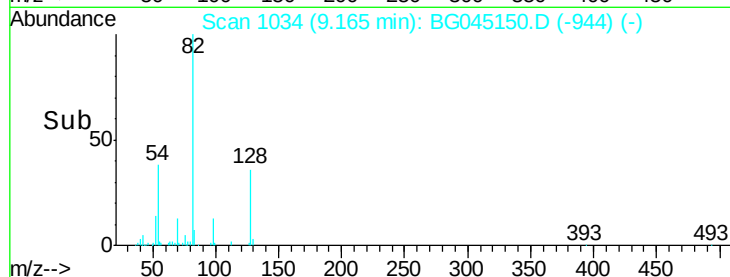
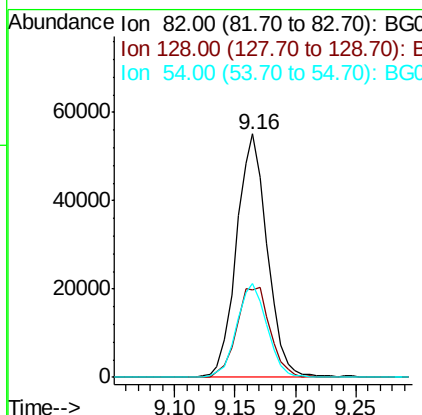
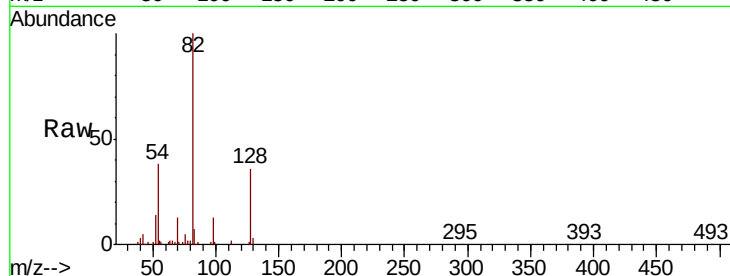




#23
Nitrobenzene-d5
Concen: 10.124 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG045150.D
Acq: 23 Apr 2020 20:29

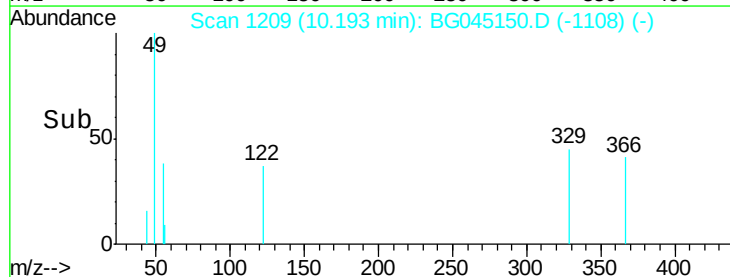
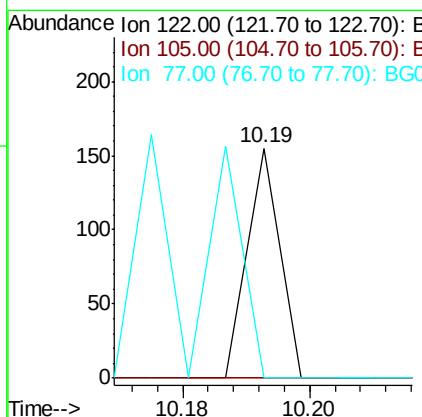
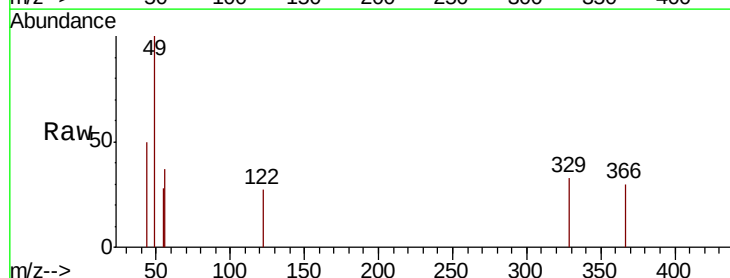
Instrument :
BNA_G
ClientSampleId :

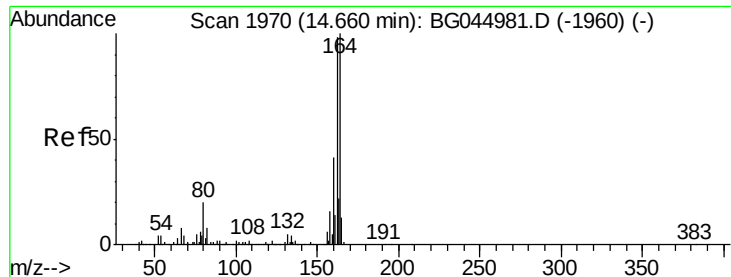
Tot Ion	82	Resp	97870
Ion Ratio	Lower	Upper	
82	100		
128	36.1	33.0	49.4
54	38.5	30.4	45.6



#32
Benzoic acid
Concen: 6.382 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.06 min
Lab File: BG045150.D
Acq: 23 Apr 2020 20:29

Tgt Ion	122	Resp	55
Ion Ratio	Lower	Upper	
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

Instrument :

BNA_G

ClientSampled :

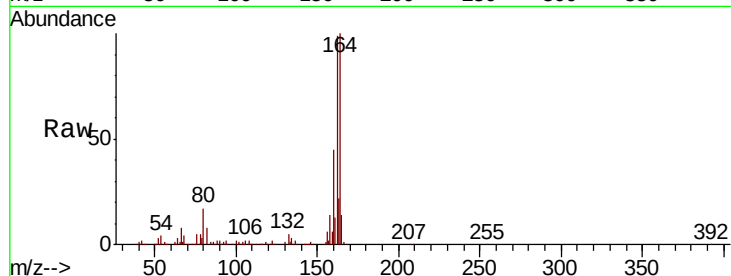
Tot Ion:164 Resp: 299770

Ion Ratio Lower Upper

164 100

162 99.2 78.7 118.1

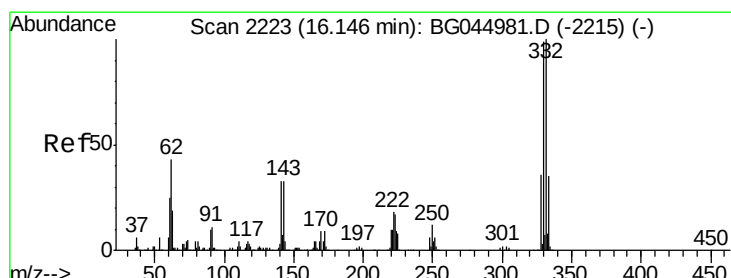
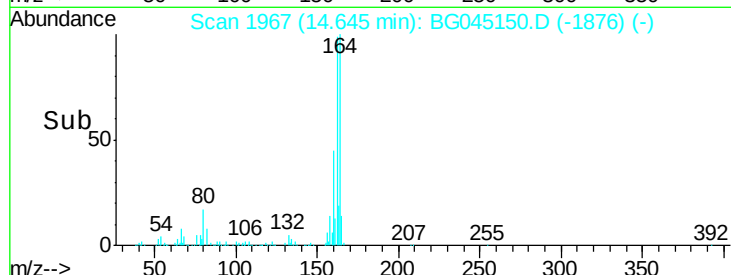
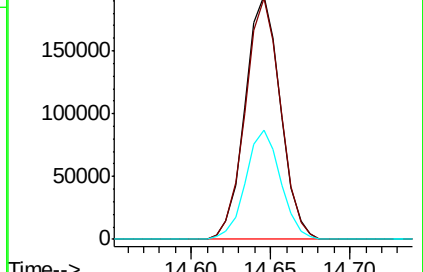
160 44.7 32.8 49.2



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: 13.770 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

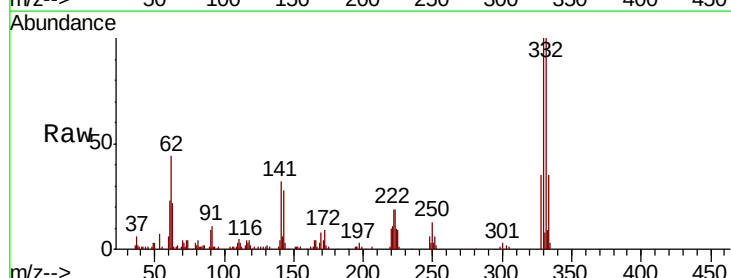
Tgt Ion:330 Resp: 63770

Ion Ratio Lower Upper

330 100

332 98.5 79.1 118.7

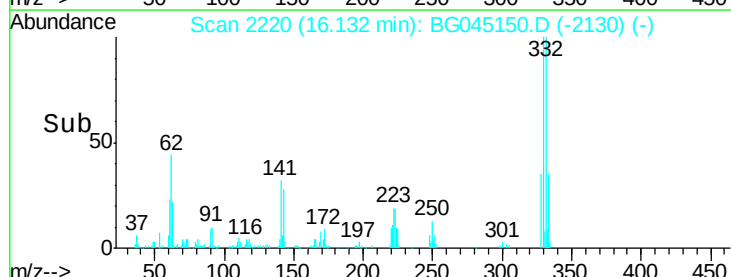
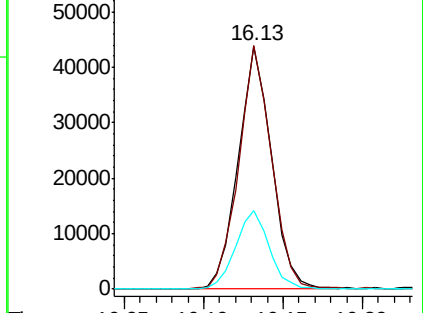
141 32.4 27.1 40.7

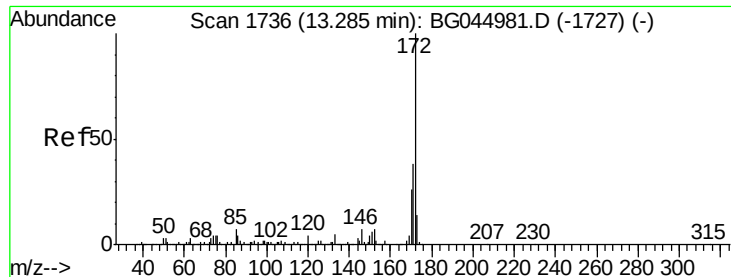


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 11.692 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

Instrument :

BNA_G

ClientSampleId :

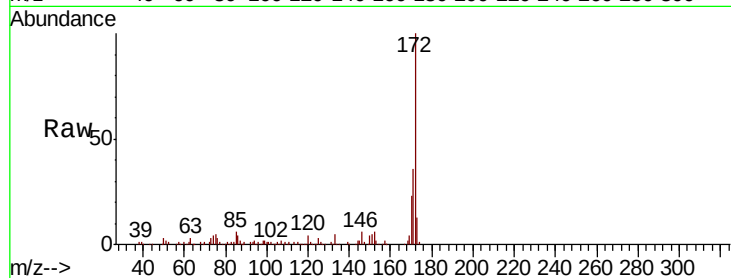
Tot Ion:172 Resp: 239030

Ion Ratio Lower Upper

172 100

171 36.0 30.6 46.0

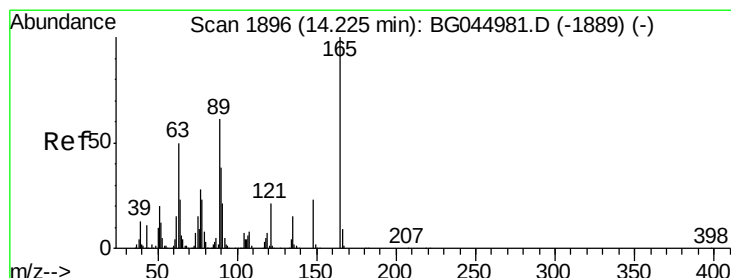
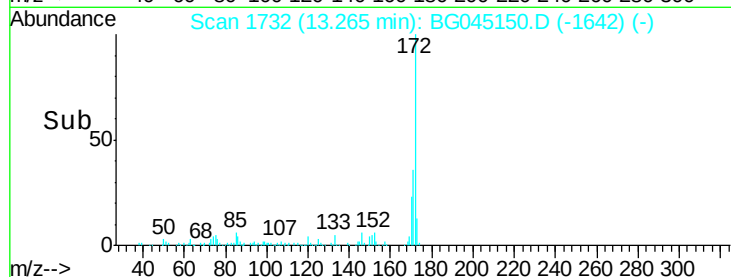
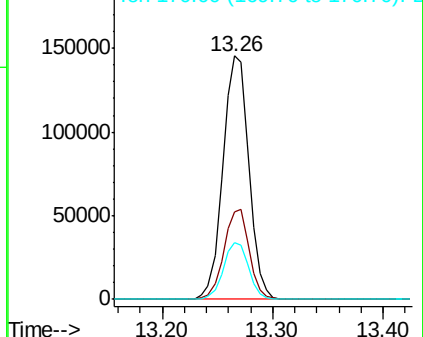
170 23.4 20.5 30.7



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



#51

2,6-Dinitrotoluene

Concen: 7.474 ng

RT: 14.65 min Scan# 1967

Delta R.T. 0.44 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

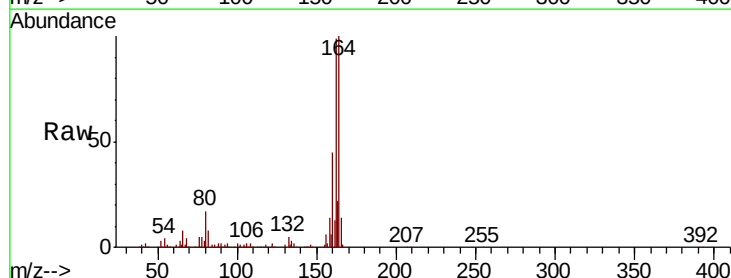
Tgt Ion:165 Resp: 40807

Ion Ratio Lower Upper

165 100

63 1.0 40.4 60.6#

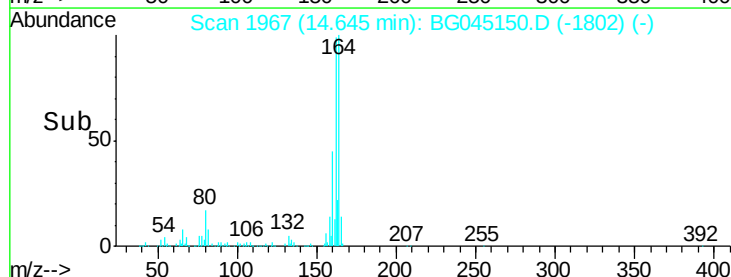
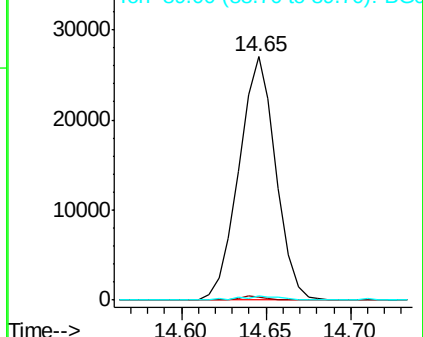
89 1.5 49.1 73.7#

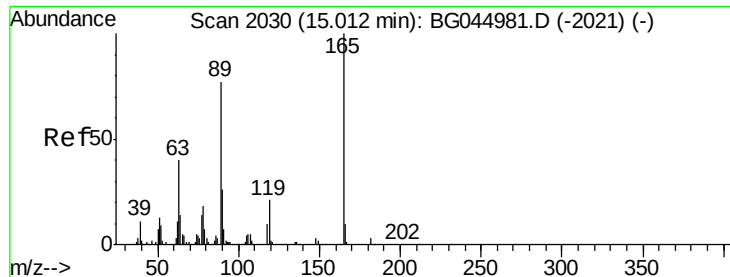


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

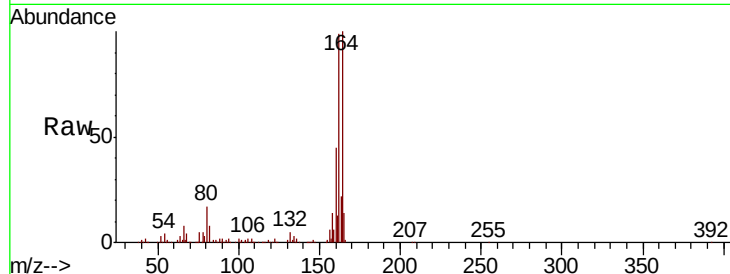




#57
 2,4-Dinitrotoluene
 Concen: 5.115 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.36 min
 Lab File: BG045150.D
 Acq: 23 Apr 2020 20:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.2	48.2#
89	1.5	61.7	92.5#
182	0.0	2.0	3.0#



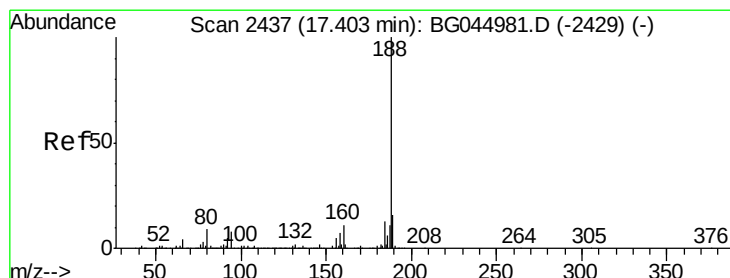
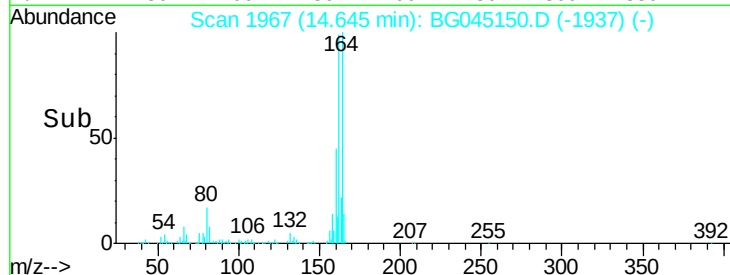
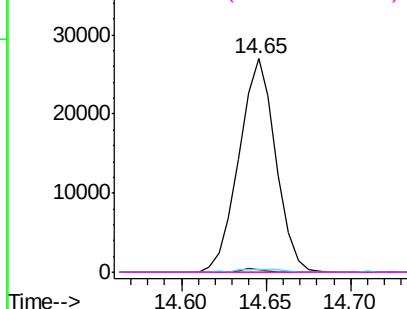
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

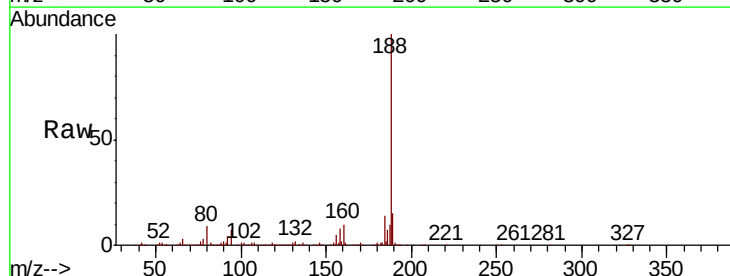
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG045150.D
 Acq: 23 Apr 2020 20:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.4
80	8.5	7.0	10.6

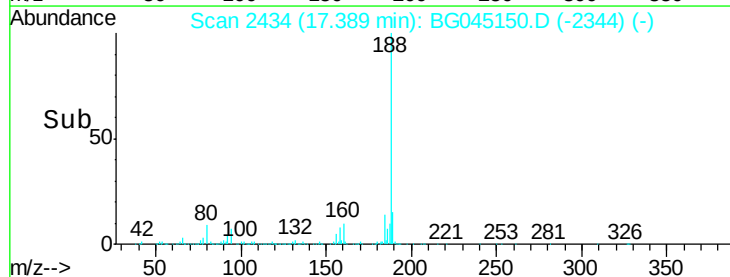
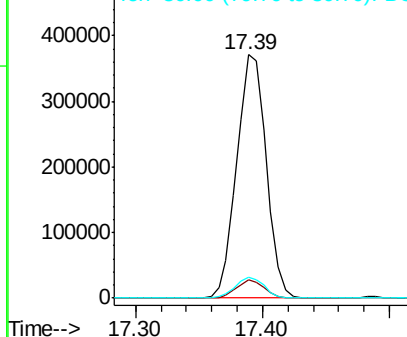


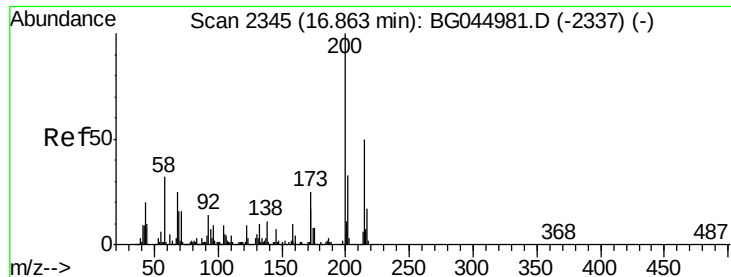
Abundance

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





#69

Atrazine

Concen: Below Cal

RT: 16.80 min Scan# 2334

Delta R.T. -0.04 min

Lab File: BG045150.D

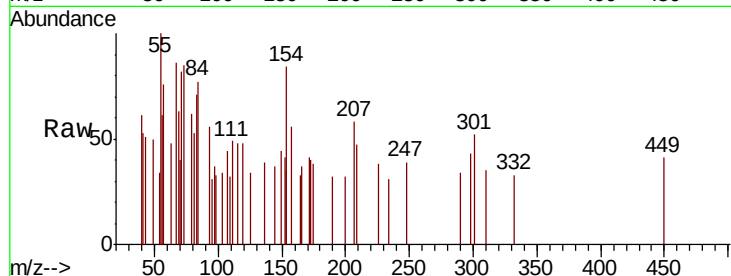
Acq: 23 Apr 2020 20:29

Instrument :

BNA_G

ClientSampled :

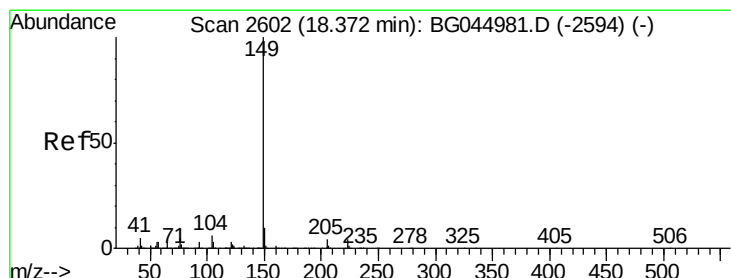
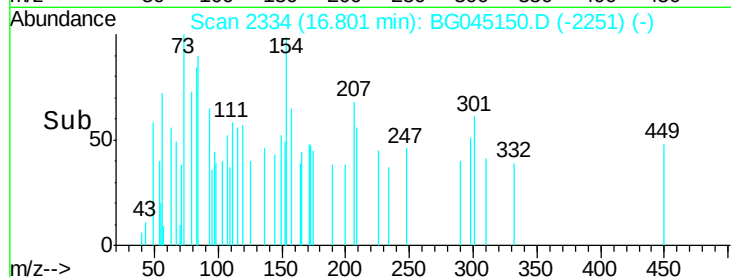
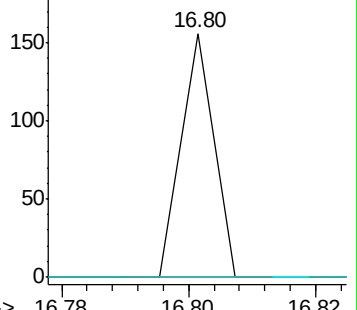
Tot Ion:	200	Resp:	55
Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	0.0	30.0	70.0#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#74

Di-n-butylphthalate

Concen: Below Cal

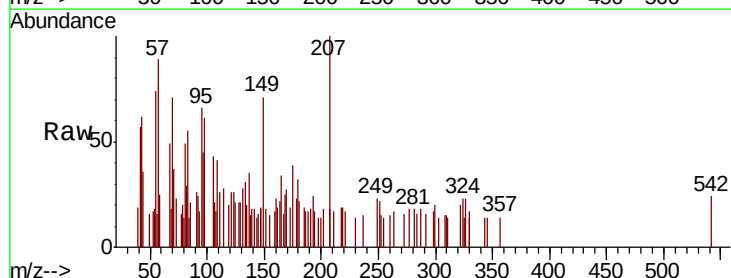
RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

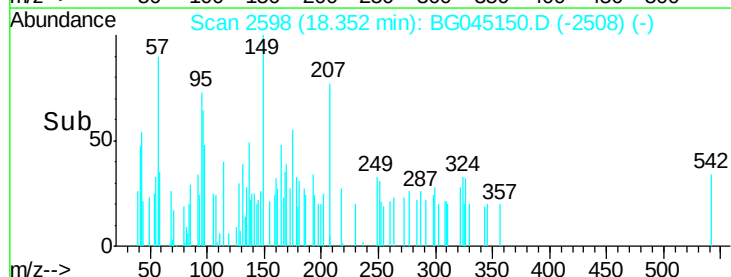
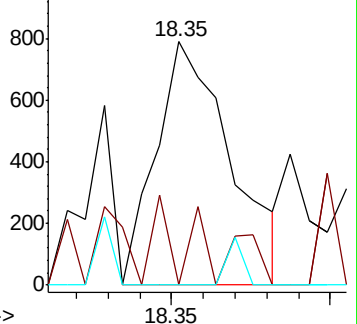
Tgt Ion:	149	Resp:	1291
Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.8	7.2#

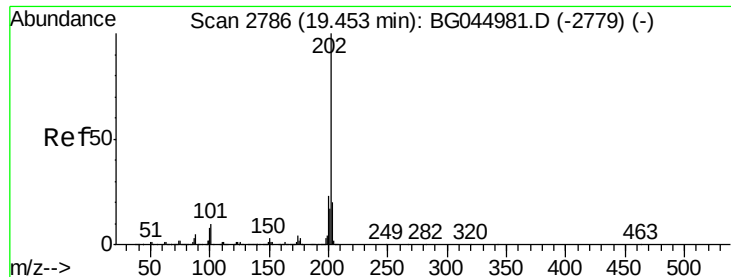


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

Instrument :

BNA_G

ClientSampleId :

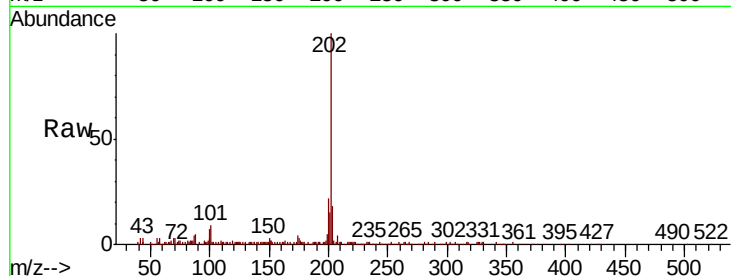
Tot Ion:202 Resp: 81056

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.6

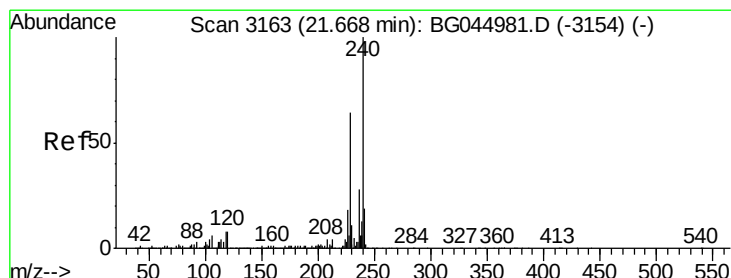
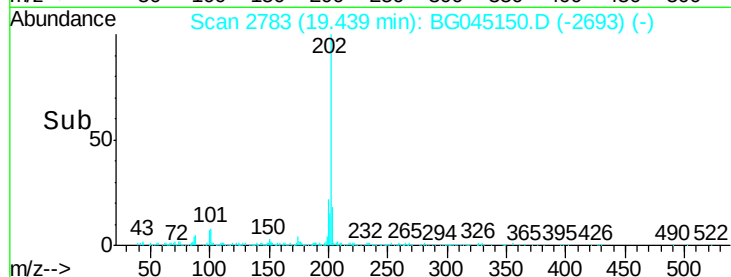
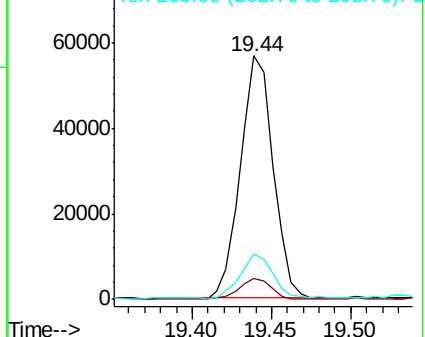
203 18.3 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

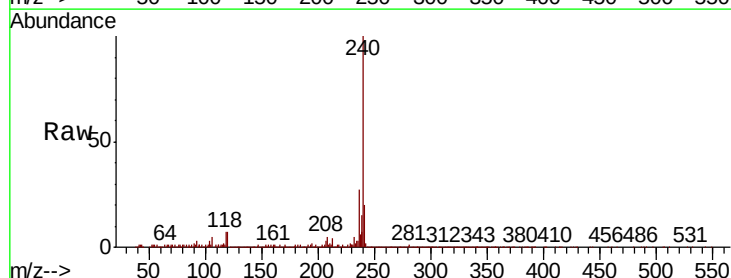
Tgt Ion:240 Resp: 484216

Ion Ratio Lower Upper

240 100

120 7.2 6.6 10.0

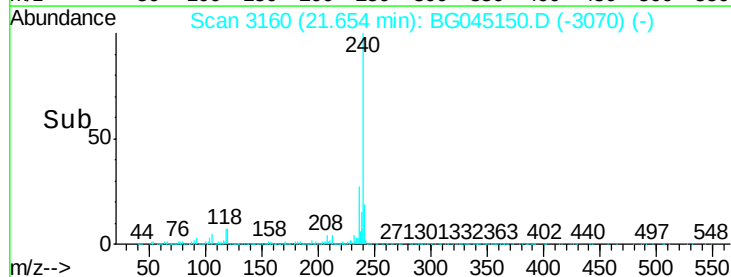
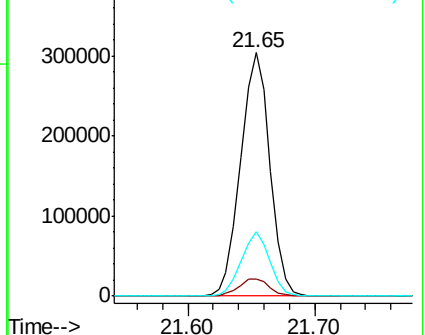
236 26.7 22.2 33.2

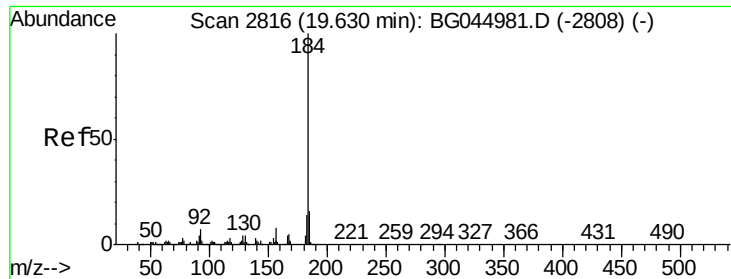


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

Instrument :

BNA_G

ClientSampleId :

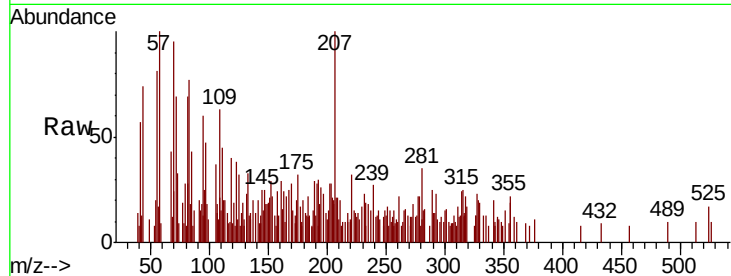
Tot Ion:184 Resp: 307

Ion Ratio Lower Upper

184 100

185 59.0 12.6 19.0#

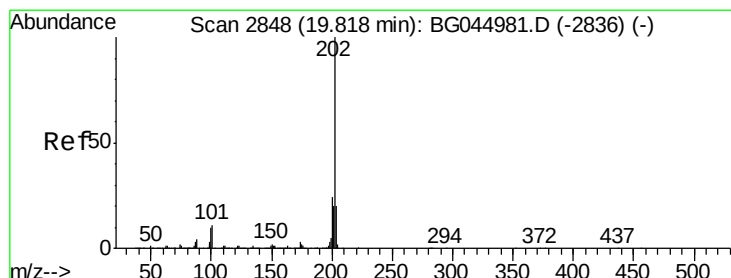
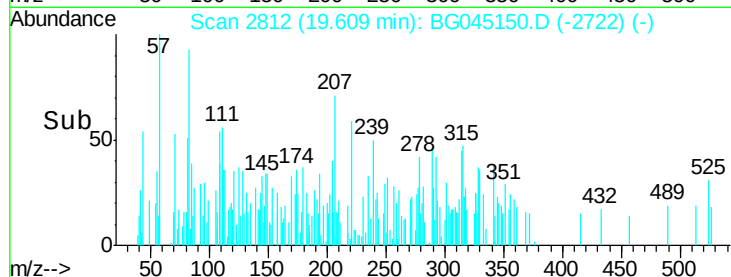
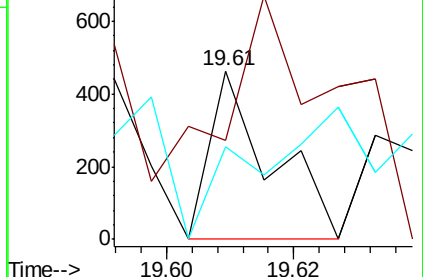
183 55.3 11.3 16.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 2.145 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

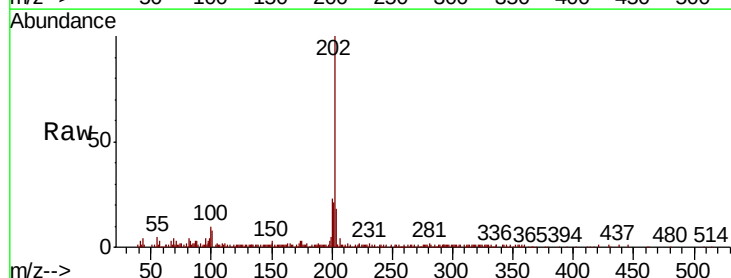
Tgt Ion:202 Resp: 71613

Ion Ratio Lower Upper

202 100

200 22.8 19.0 28.6

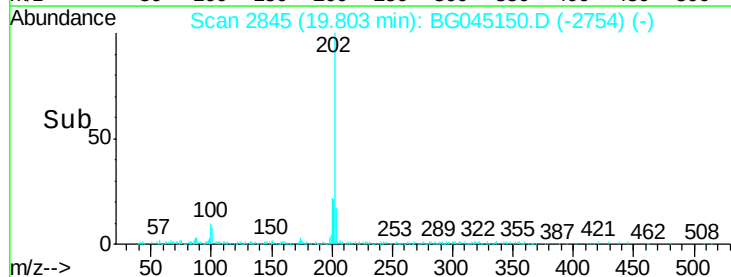
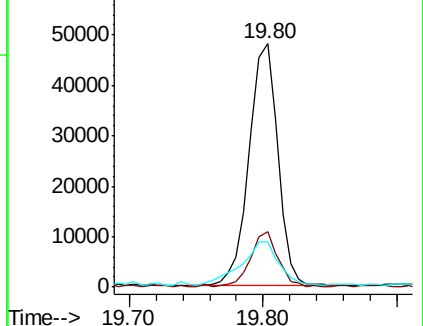
203 18.3 16.1 24.1

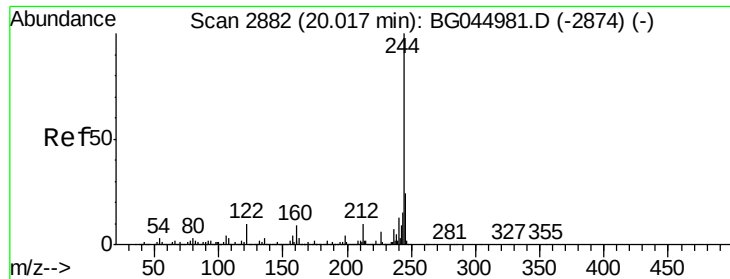


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 14.044 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

Instrument :

BNA_G

ClientSampleId :

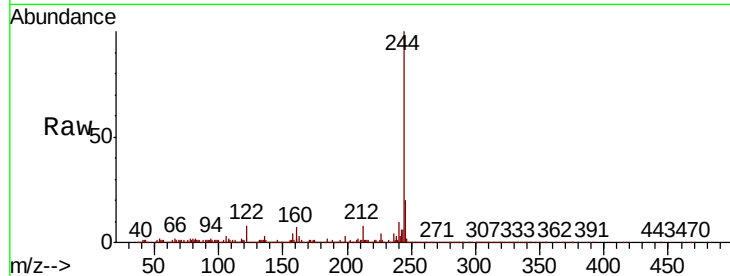
Tot Ion:244 Resp: 312008

Ion Ratio Lower Upper

244 100

212 7.7 7.9 11.9#

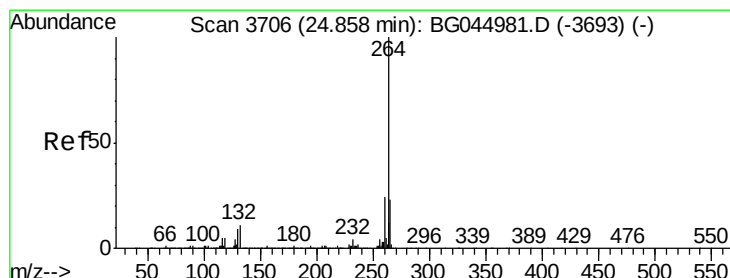
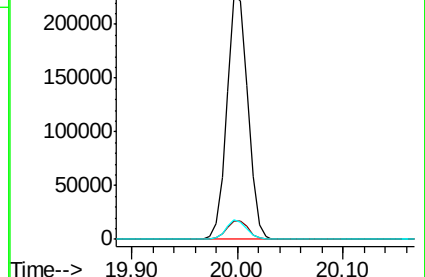
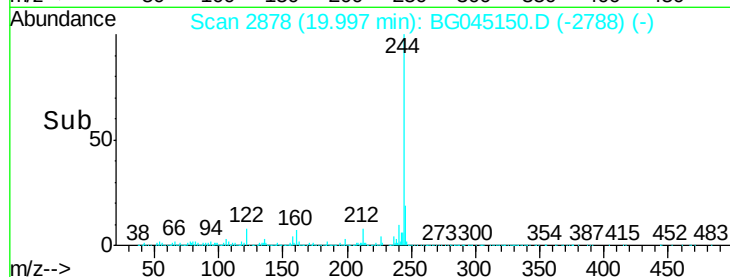
122 7.8 7.7 11.5



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: 24.84 min Scan# 3702

Delta R.T. 0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

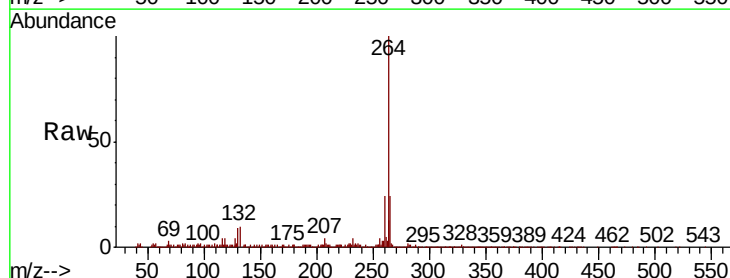
Tgt Ion:264 Resp: 532130

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 23.9 19.0 28.4



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

