

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BG045225.D
 Acq On : 1 May 2020 20:58
 Operator : CG/JU
 Sample : L2452-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 04:55:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60643	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	228149	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	171507	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	432435	20.00	ng	0.00
76) Chrysene-d12	21.64	240	440163	20.00	ng	0.00
87) Perylene-d12	24.82	264	473654	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	450505	122.65	ng	0.00
7) Phenol-d6	7.16	99	554565	101.62	ng	0.00
23) Nitrobenzene-d5	9.15	82	487595	97.52	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	387596	146.29	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1152249	98.51	ng	0.00
79) Terphenyl-d14	20.00	244	2111579	104.56	ng	0.00

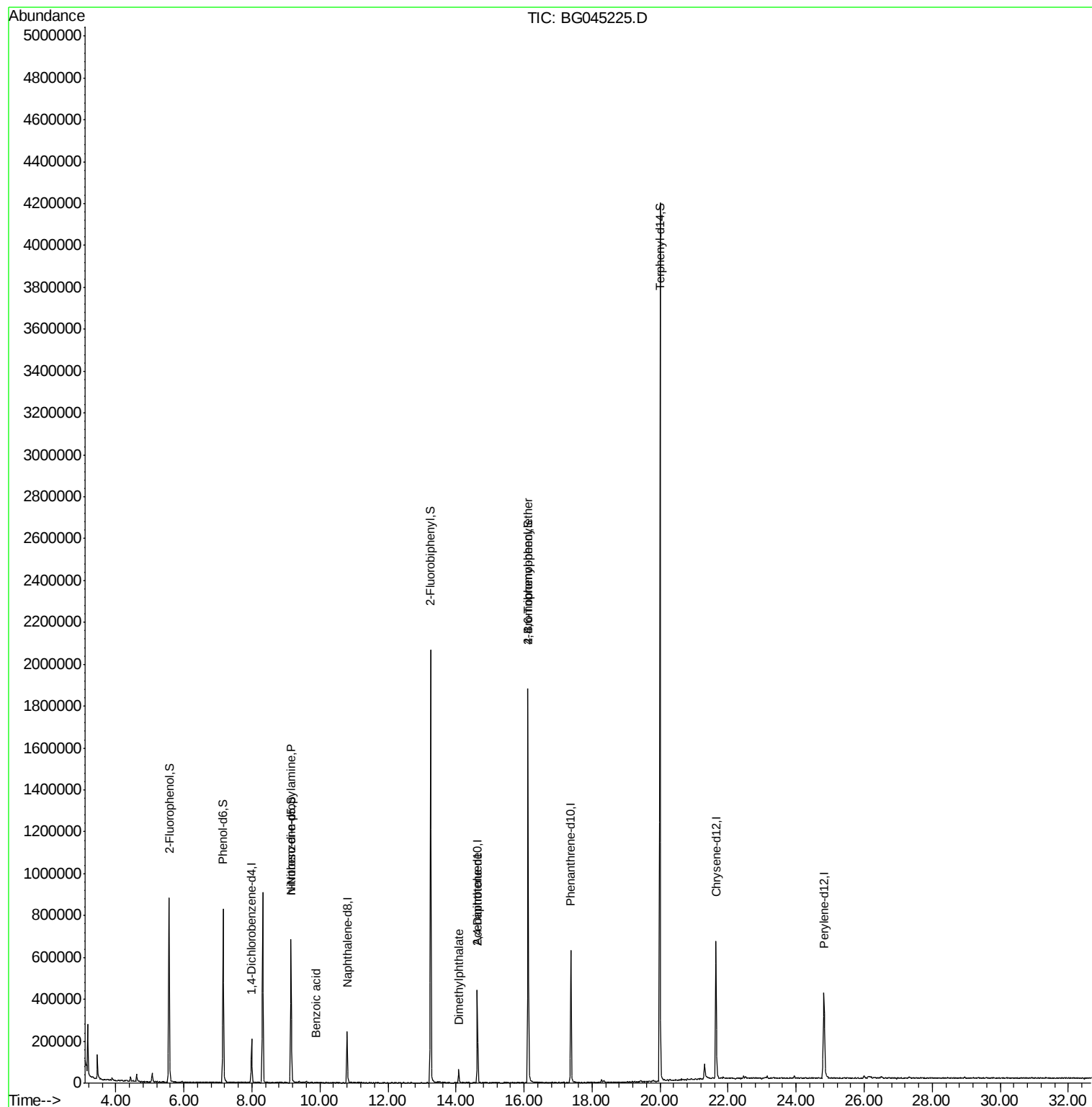
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.11	77	56	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.15	70	65654	17.011 ng	#	79
32) Benzoic acid	9.88	122	66	6.394 ng	#	1
50) Dimethylphthalate	14.08	163	47587	3.408 ng	#	95
57) 2,4-Dinitrotoluene	14.63	165	21303	4.667 ng	#	23
67) 4-Bromophenyl-phenylether	16.12	248	26492	4.749 ng	#	1
69) Atrazine	17.21	200	57	Below Cal	#	35
74) Di-n-butylphthalate	18.35	149	4762	Below Cal	#	97
75) Fluoranthene	19.43	202	4105	Below Cal	#	98
77) Benzidine	19.99	184	41027	Below Cal	#	90

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

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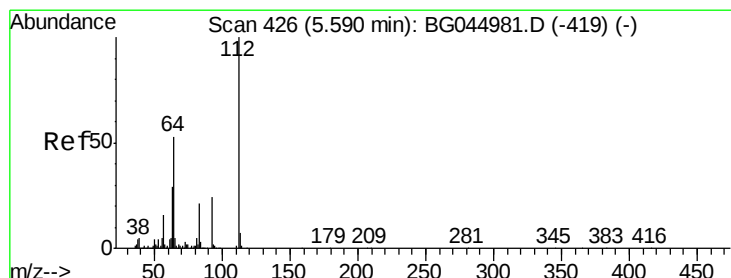
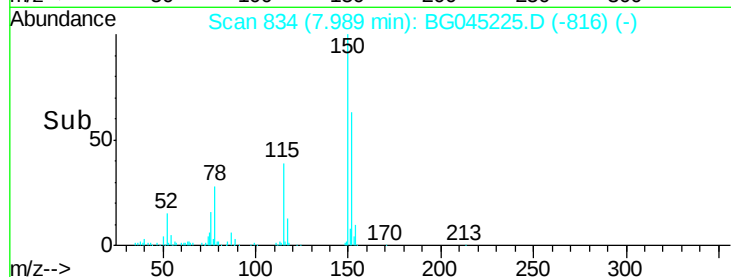
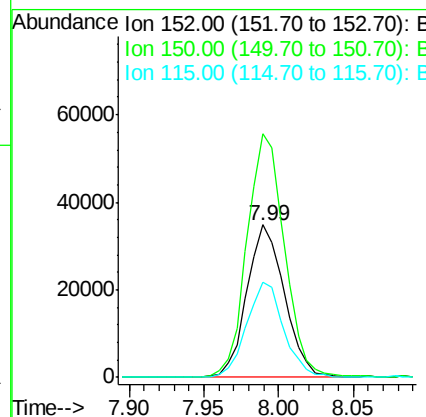
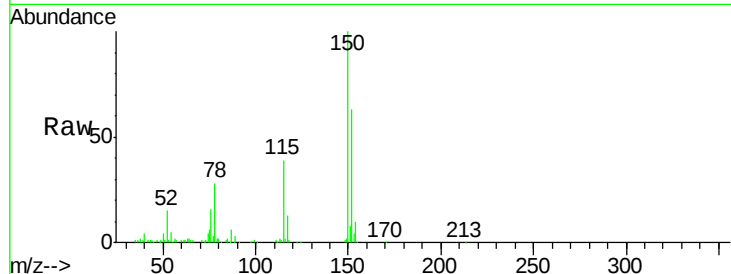


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :

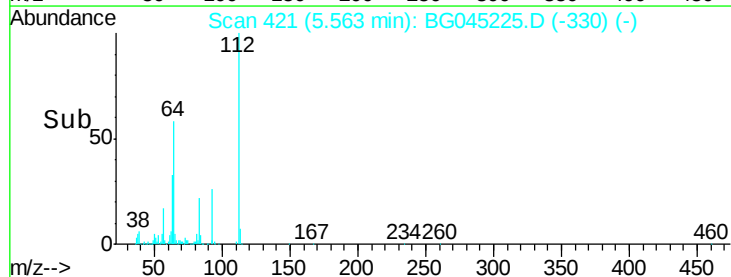
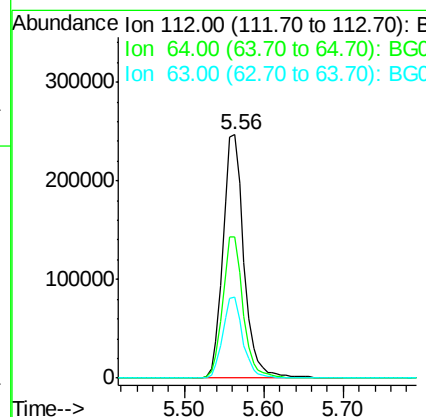
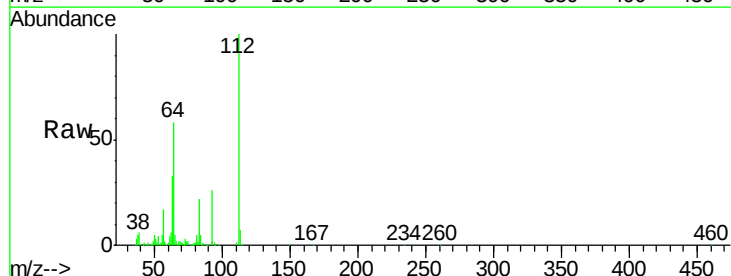
Tot Ion:152 Resp: 60643
Ion Ratio Lower Upper
152 100
150 159.6 123.6 185.4
115 62.5 49.1 73.7

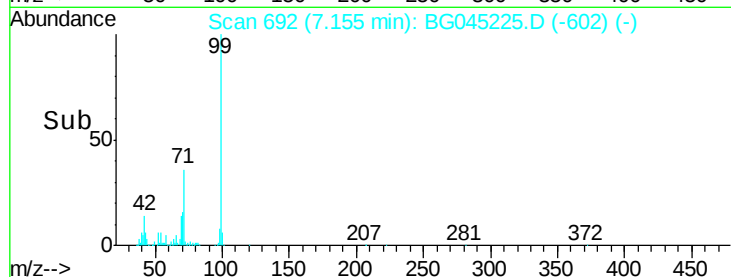
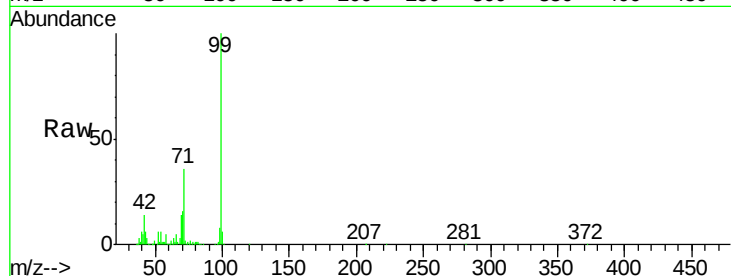


#5

2-Fluorophenol
Concen: 122.646 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Tgt Ion:112 Resp: 450505
Ion Ratio Lower Upper
112 100
64 58.0 42.4 63.6
63 33.2 23.1 34.7





#7

Phenol-d6

Concen: 101.615 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045225.D

Acq: 1 May 2020 20:58

Instrument :

BNA_G

ClientSampleId :

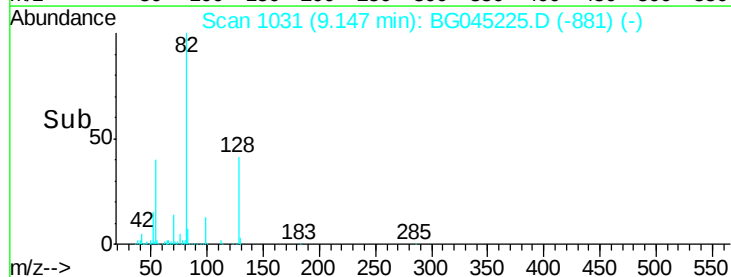
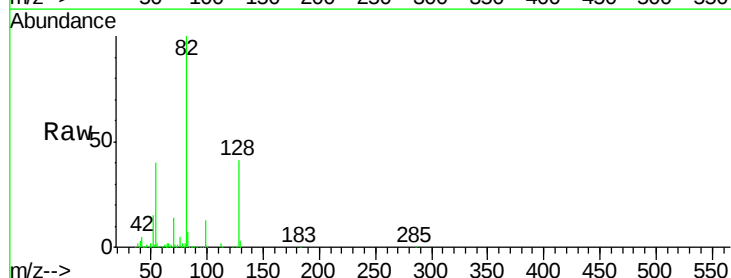
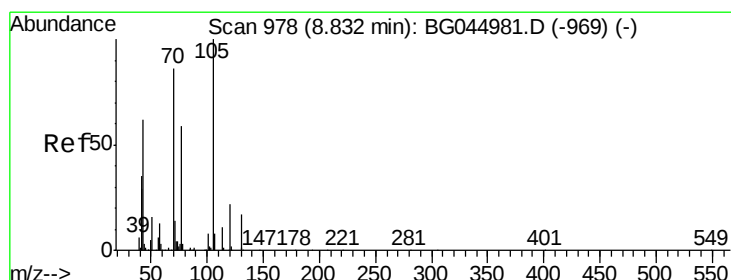
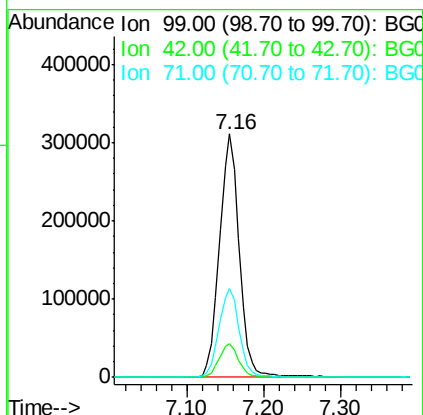
Tot Ion: 99 Resp: 554565

Ion Ratio Lower Upper

99 100

42 13.8 11.3 16.9

71 36.4 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.011 ng

RT: 9.15 min Scan# 1031

Delta R.T. 0.35 min

Lab File: BG045225.D

Acq: 1 May 2020 20:58

Tgt Ion: 70 Resp: 65654

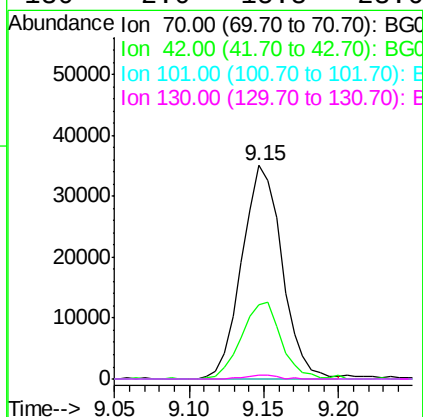
Ion Ratio Lower Upper

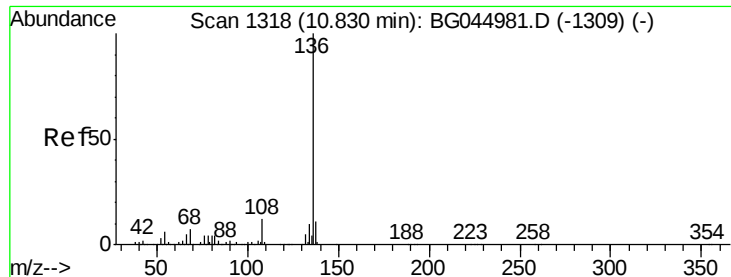
70 100

42 35.0 33.3 49.9

101 0.0 7.8 11.8#

130 2.0 15.8 23.6#

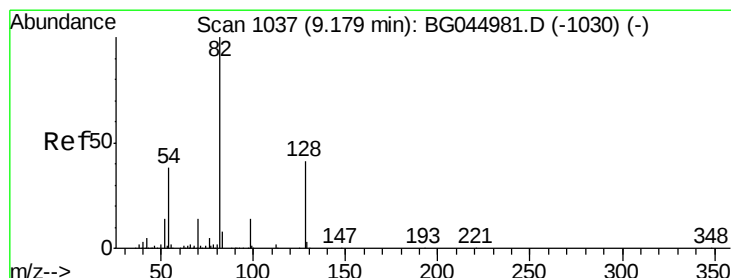
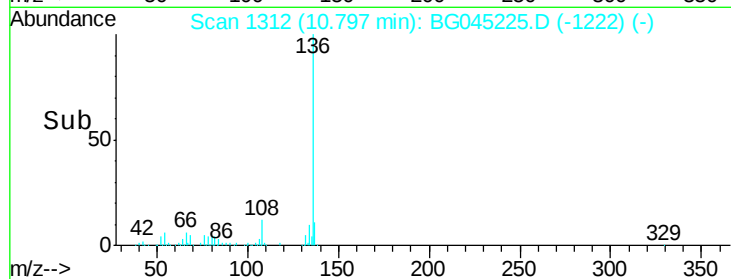
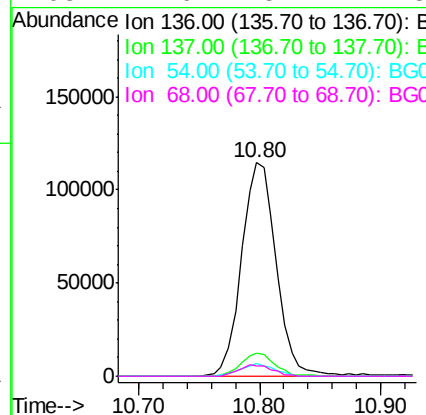
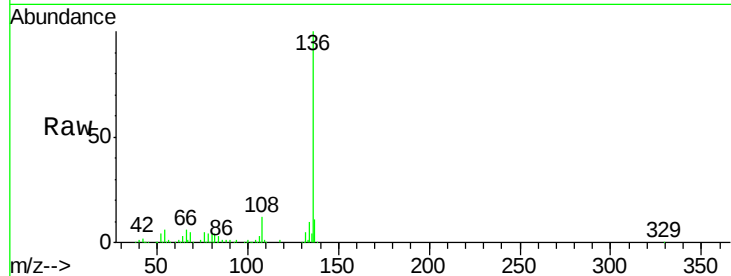




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

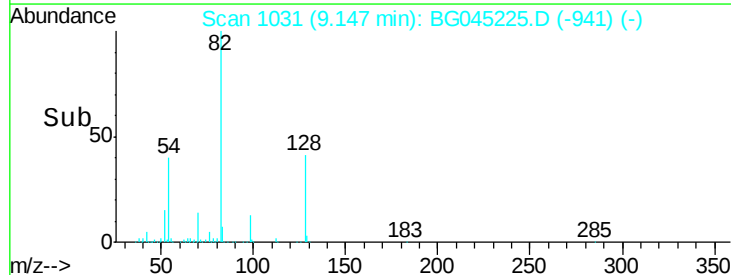
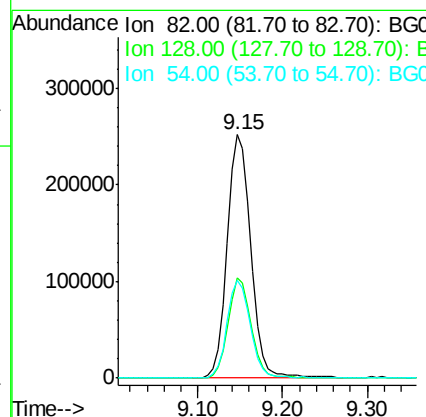
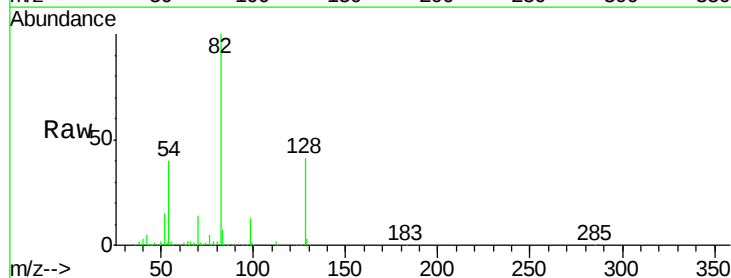
Instrument :
BNA_G
ClientSampleId :

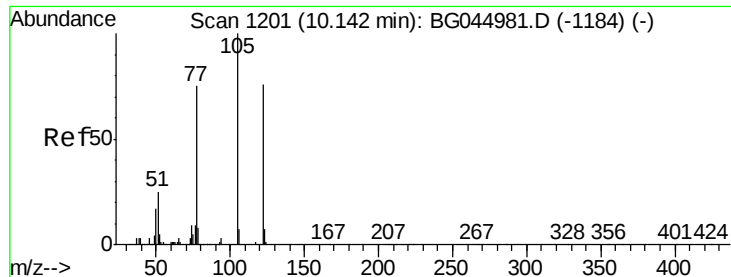
Tot Ion:136	Resp:	228149
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.6	13.0
54 6.2	4.8	7.2
68 4.6	5.2	7.8#



#23
Nitrobenzene-d5
Concen: 97.517 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Tgt Ion: 82	Resp: 487595
Ion Ratio	Lower Upper
82 100	
128 41.4	33.0 49.4
54 39.9	30.4 45.6

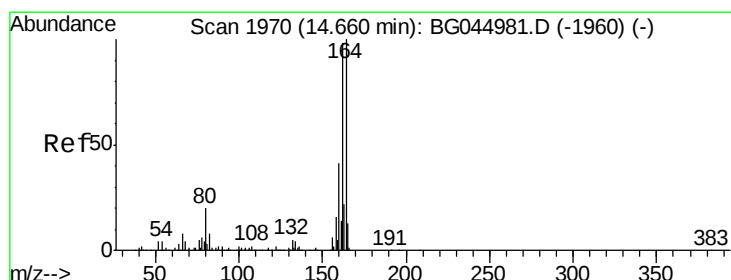
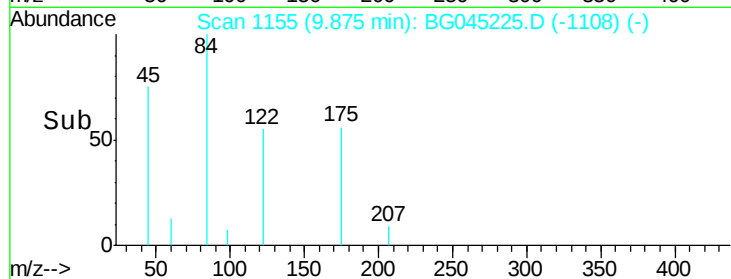
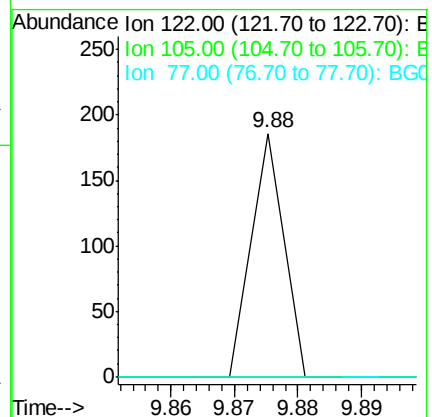
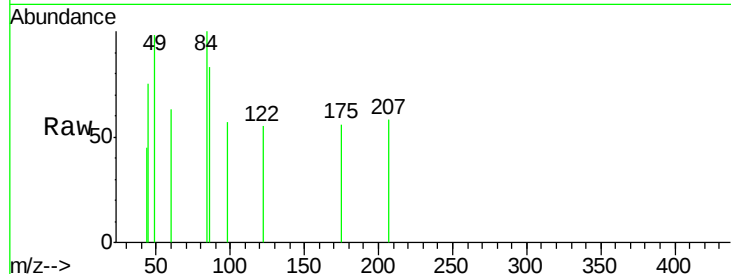




#32
Benzoic acid
Concen: 6.394 ng
RT: 9.88 min Scan# 1155
Delta R.T. -0.26 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

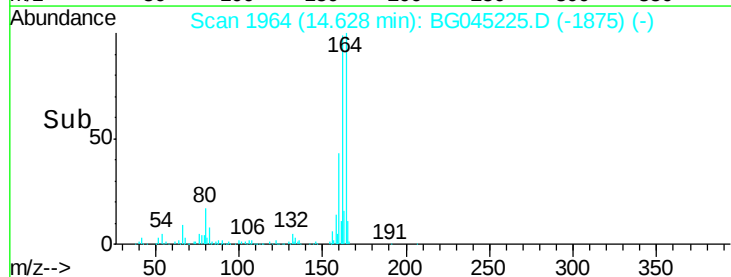
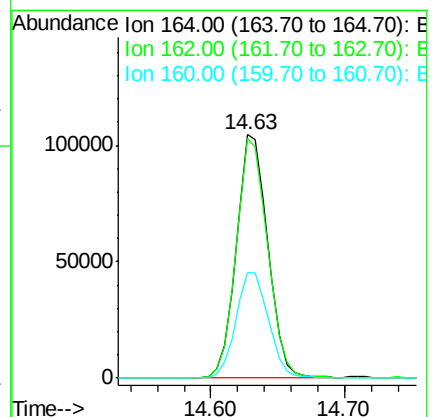
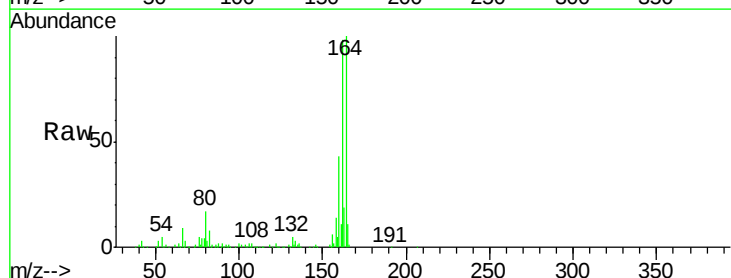
Instrument :
BNA_G
ClientSampleId :

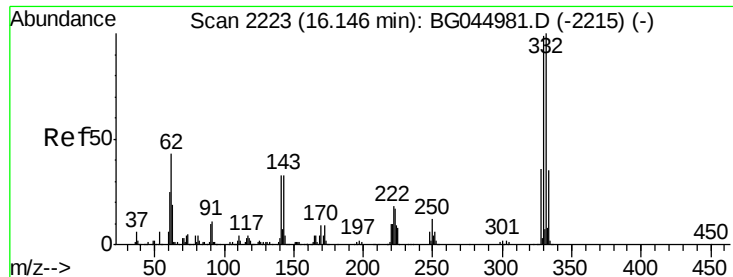
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.7	118.1
160	43.2	32.8	49.2

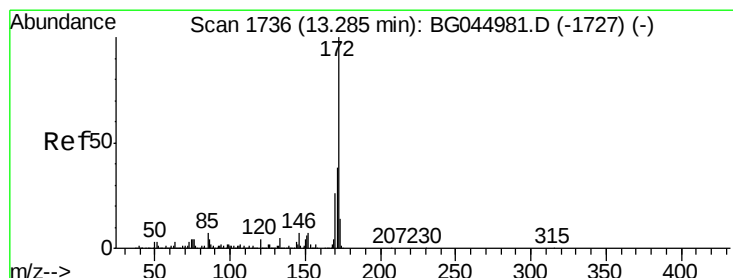
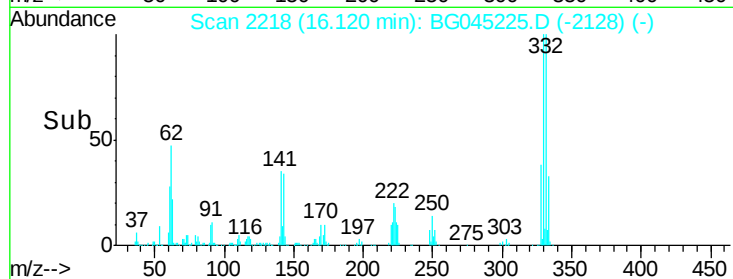
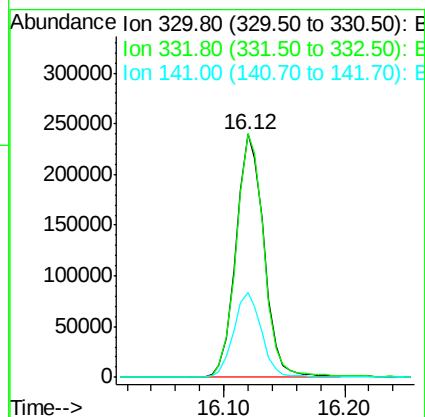
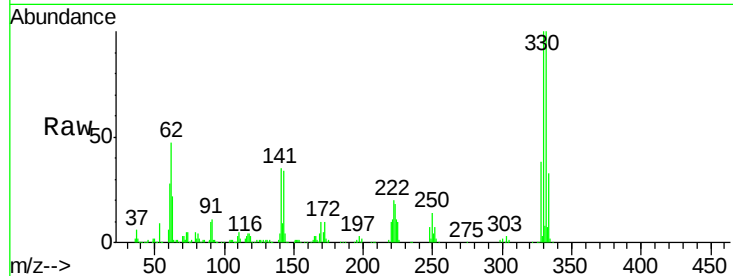




#42
 2,4,6-Tribromophenol
 Concen: 146.287 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045225.D
 Acq: 1 May 2020 20:58

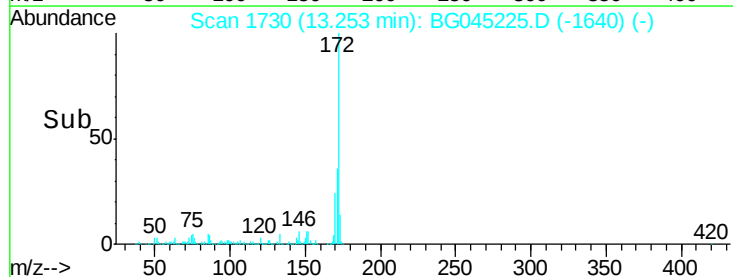
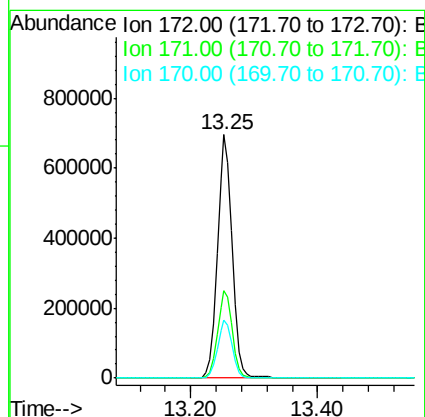
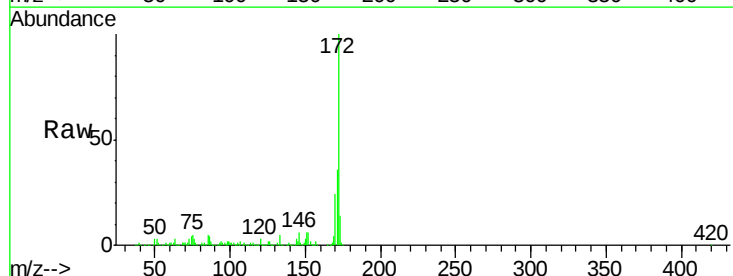
Instrument :
 BNA_G
 ClientSampleId :

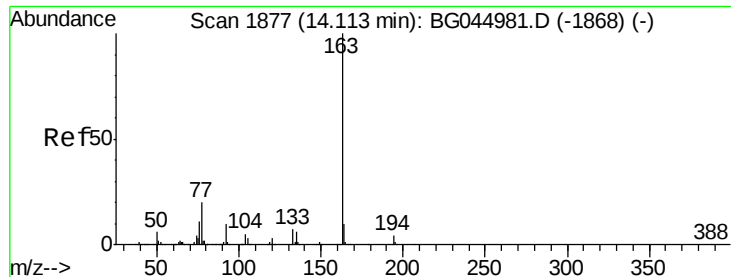
Tot Ion:330 Resp: 387596
 Ion Ratio Lower Upper
 330 100
 332 99.8 79.1 118.7
 141 34.9 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 98.513 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045225.D
 Acq: 1 May 2020 20:58

Tgt Ion:172 Resp: 1152249
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.6 46.0
 170 23.9 20.5 30.7

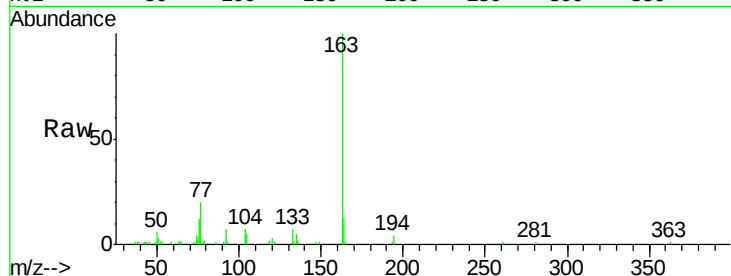




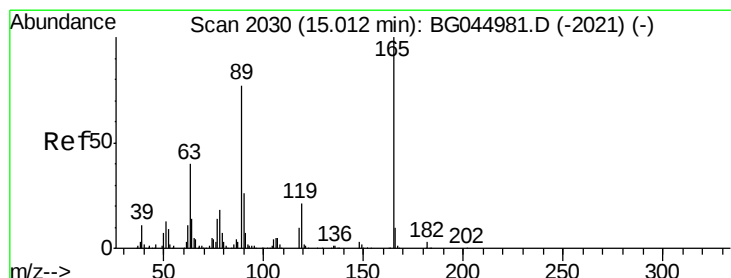
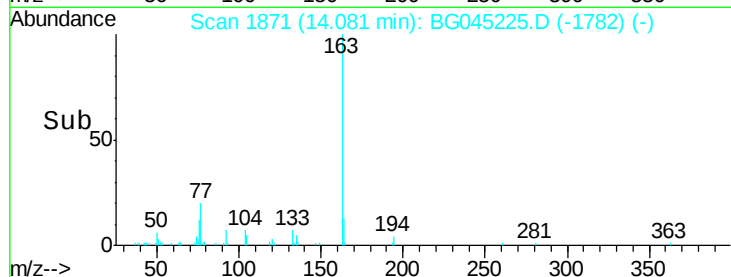
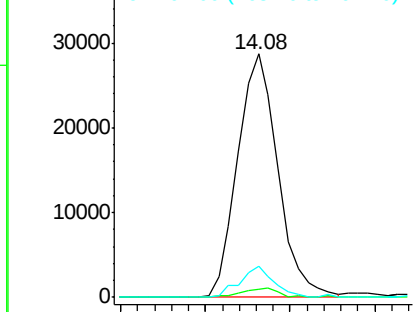
#50
Dimethylphthalate
Concen: 3.408 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	12.7	8.2	12.4#

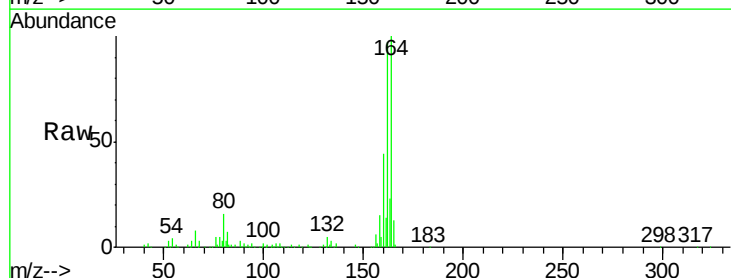


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

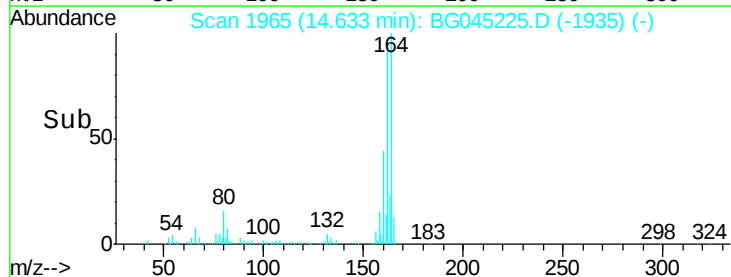
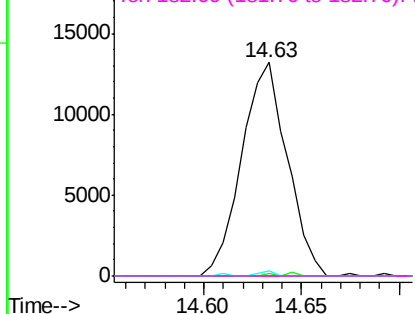


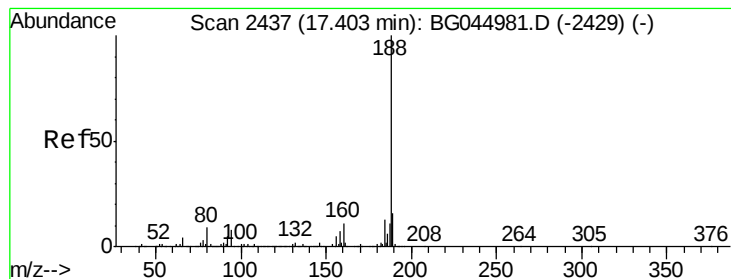
#57
2,4-Dinitrotoluene
Concen: 4.667 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.36 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.2	48.2#
89	2.6	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: 17.38 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045225.D

Acq: 1 May 2020 20:58

Instrument :

BNA_G

ClientSampleId :

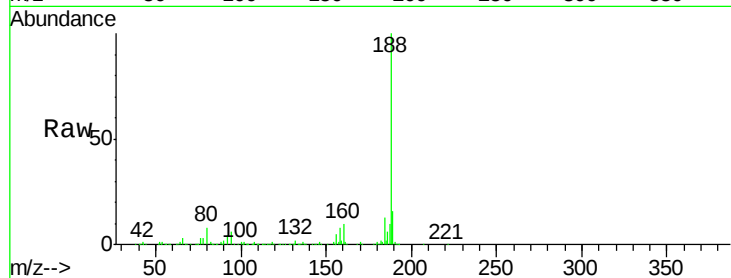
Tot Ion:188 Resp: 432435

Ion Ratio Lower Upper

188 100

94 6.4 6.2 9.4

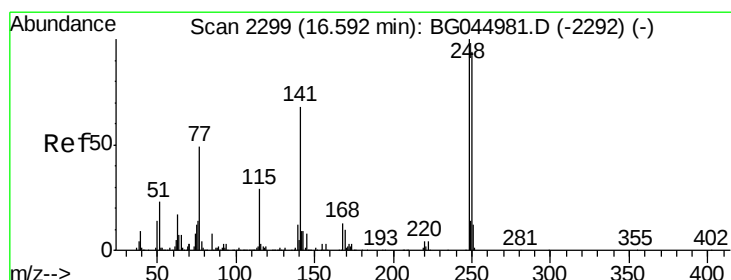
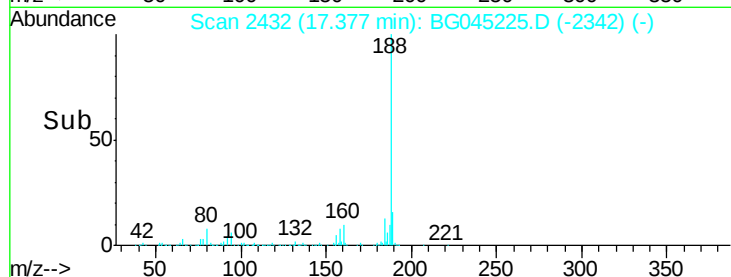
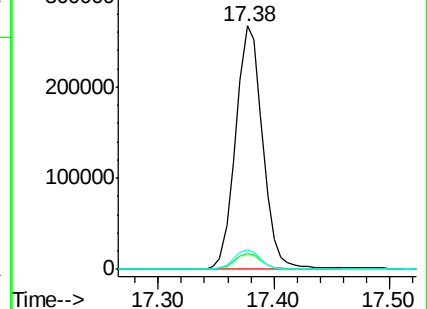
80 8.3 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#67

4-Bromophenyl-phenylether

Concen: 4.749 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.45 min

Lab File: BG045225.D

Acq: 1 May 2020 20:58

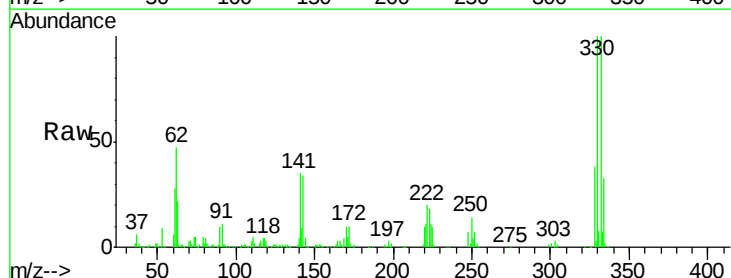
Tgt Ion:248 Resp: 26492

Ion Ratio Lower Upper

248 100

250 189.0 75.4 113.2#

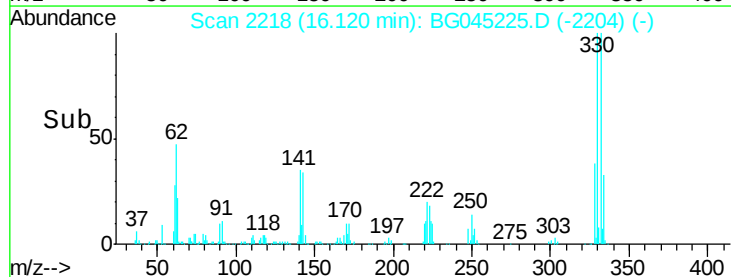
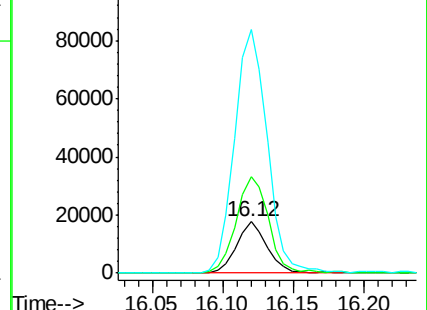
141 475.8 54.4 81.6#

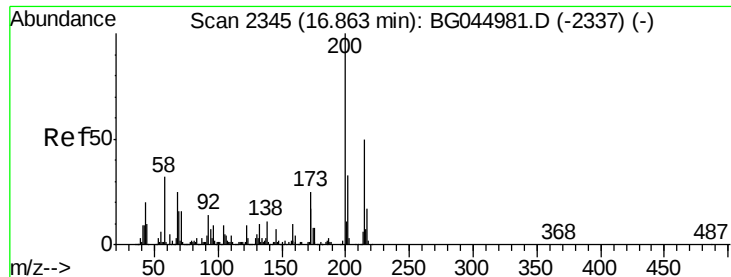


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: Below Cal

RT: 17.21 min Scan# 2403

Delta R.T. 0.37 min

Lab File: BG045225.D

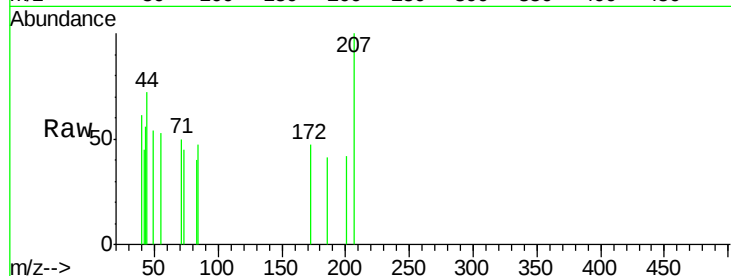
Acq: 1 May 2020 20:58

Instrument :

BNA_G

ClientSampleId :

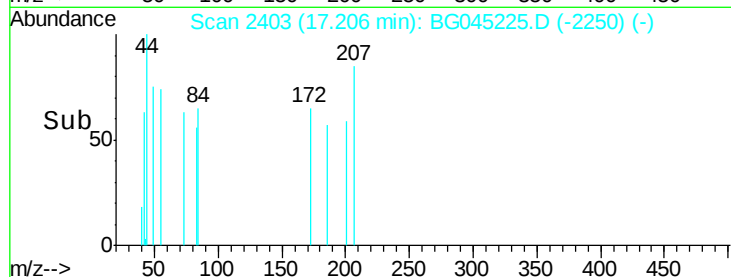
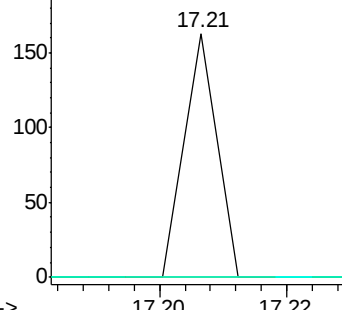
Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	0.0	30.0	70.0#



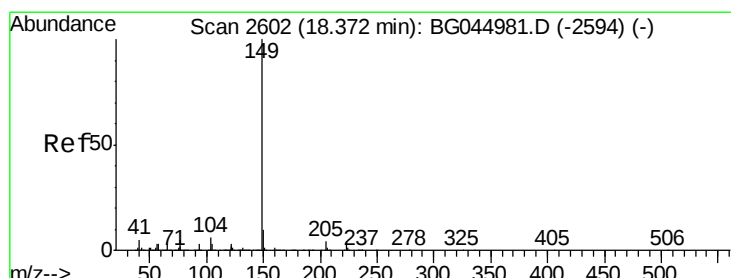
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#74

Di-n-butylphthalate

Concen: Below Cal

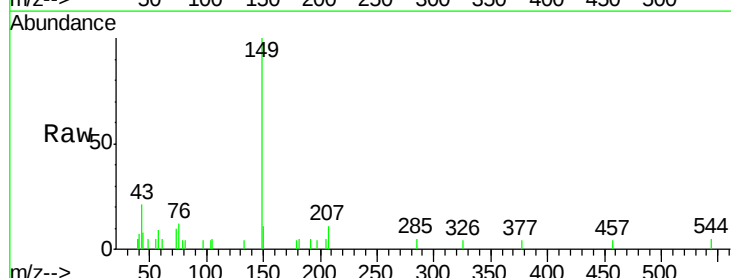
RT: 18.35 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045225.D

Acq: 1 May 2020 20:58

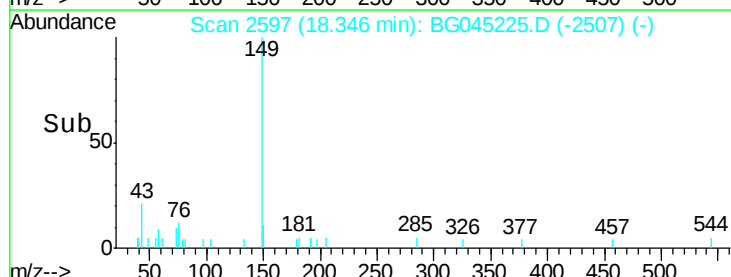
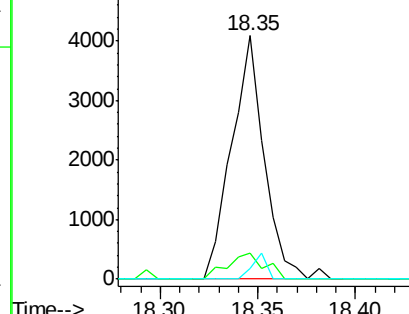
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.2	12.2
104	4.3	4.8	7.2#

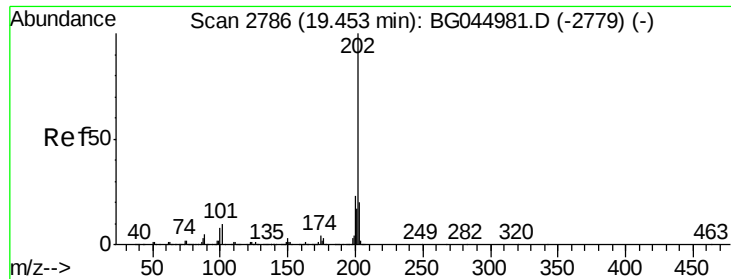


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045225.D

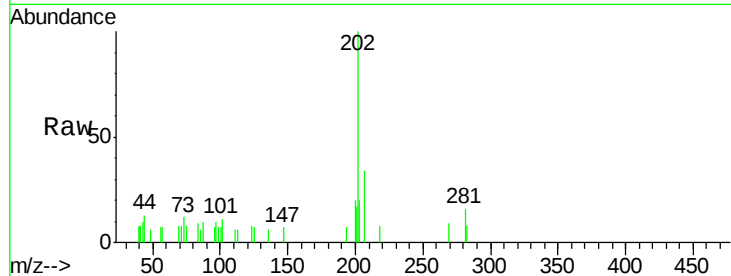
Acq: 1 May 2020 20:58

Instrument :

BNA_G

ClientSampleId :

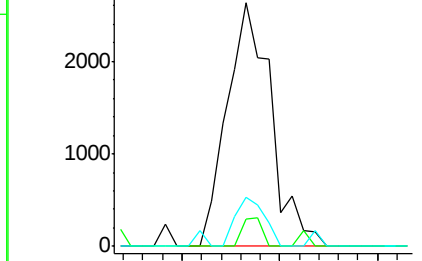
Tot Ion:	202	Resp:	4105
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.6
203	20.3	0.0	39.7



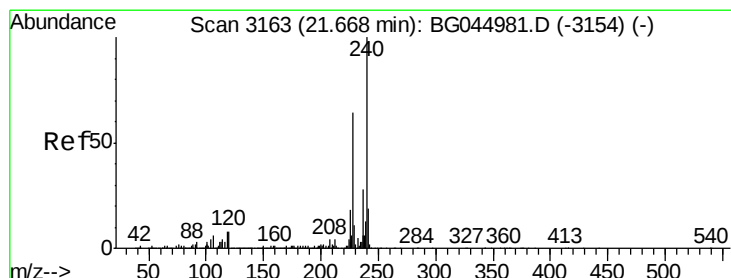
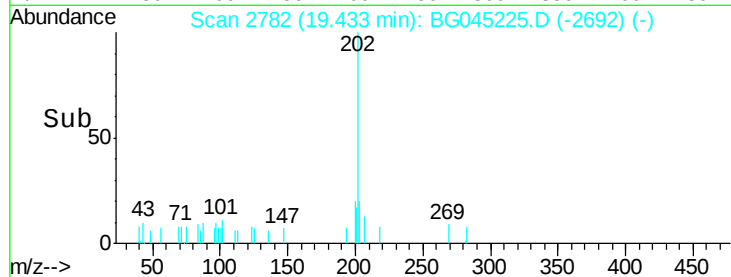
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

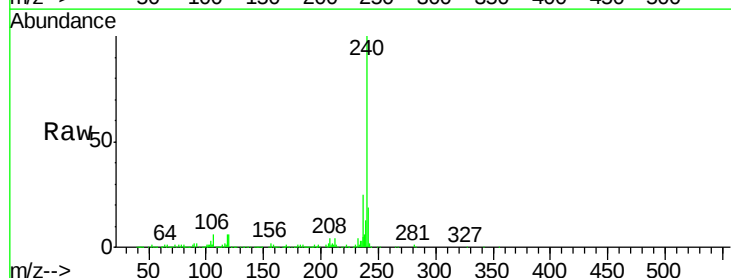
RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045225.D

Acq: 1 May 2020 20:58

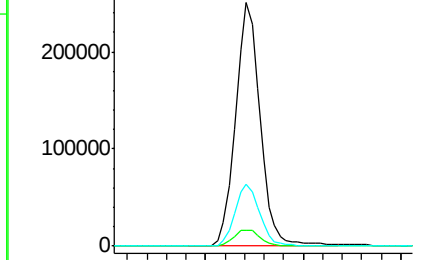
Tgt Ion:	240	Resp:	440163
Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.6	10.0#
236	25.4	22.2	33.2



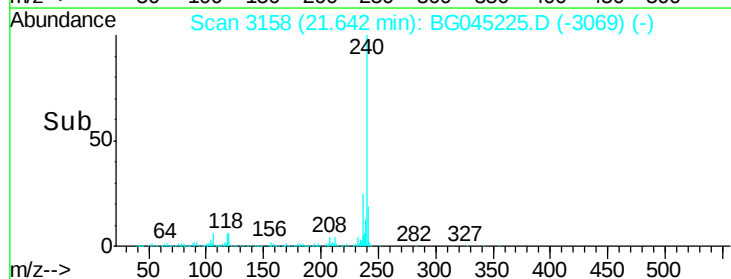
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: Below Cal

RT: 19.99 min Scan# 2877

Delta R.T. 0.38 min

Lab File: BG045225.D

Acq: 1 May 2020 20:58

Instrument :

BNA_G

ClientSampleId :

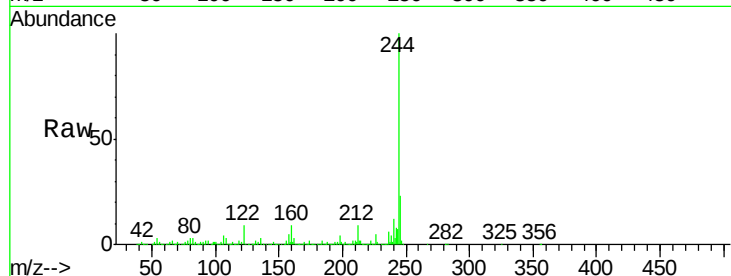
Tot Ion:184 Resp: 41027

Ion Ratio Lower Upper

184 100

185 17.3 12.6 19.0

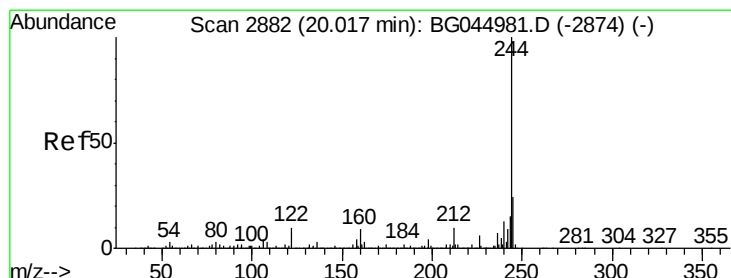
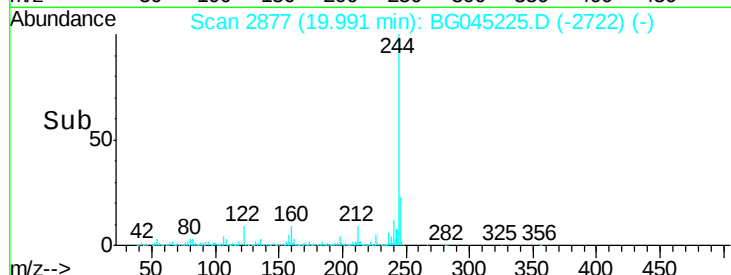
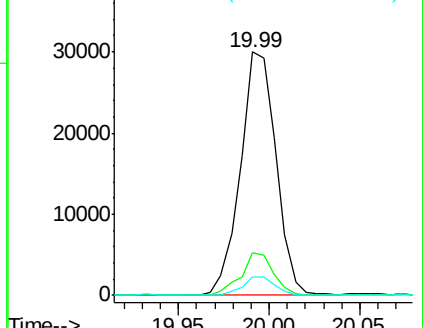
183 7.3 11.3 16.9#



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



#79

Terphenyl-d14

Concen: 104.560 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045225.D

Acq: 1 May 2020 20:58

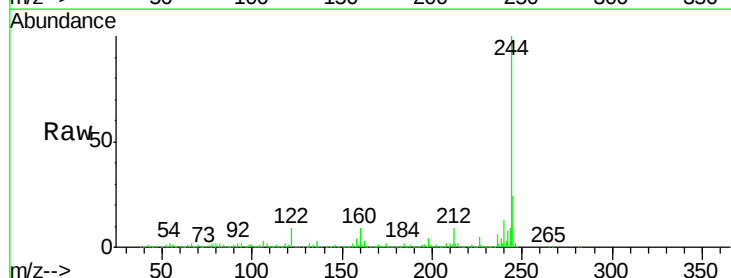
Tgt Ion:244 Resp: 2111579

Ion Ratio Lower Upper

244 100

212 9.1 7.9 11.9

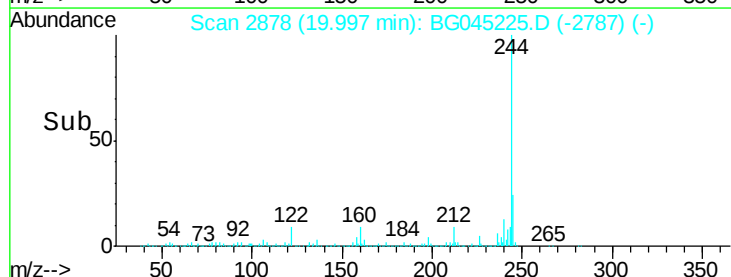
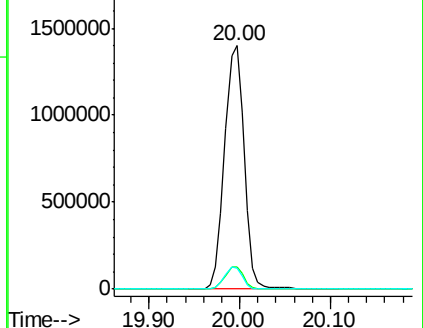
122 8.8 7.7 11.5

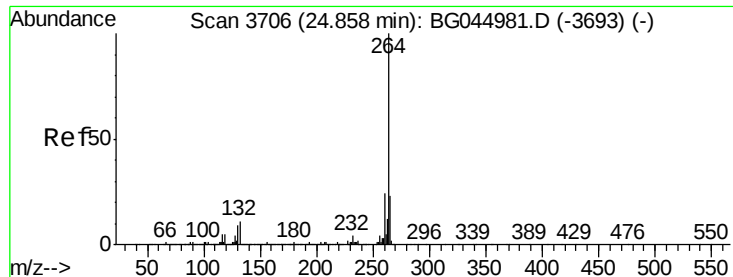


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

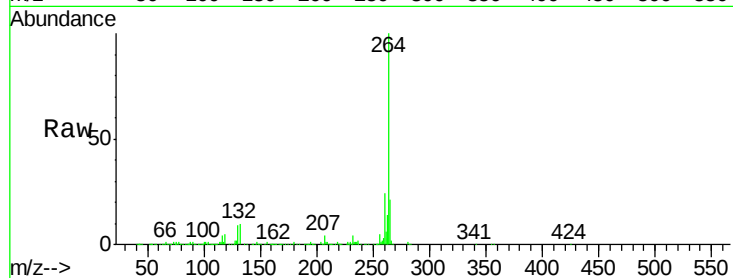




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	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

