

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051120\
 Data File : BG045300.D
 Acq On : 11 May 2020 17:24
 Operator : CG/JU
 Sample : L2506-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-050720

Quant Time: May 11 17:59:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	73297	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	289922	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	203031	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	471380	20.00	ng	0.00
76) Chrysene-d12	21.63	240	489534	20.00	ng	-0.01
87) Perylene-d12	24.80	264	519979	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	182667	41.14	ng	0.00
7) Phenol-d6	7.14	99	231798	35.14	ng	0.00
23) Nitrobenzene-d5	9.13	82	205482	32.34	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	150180	47.88	ng	-0.01
45) 2-Fluorobiphenyl	13.24	172	482641	34.86	ng	0.00
79) Terphenyl-d14	19.98	244	919034	40.92	ng	0.00

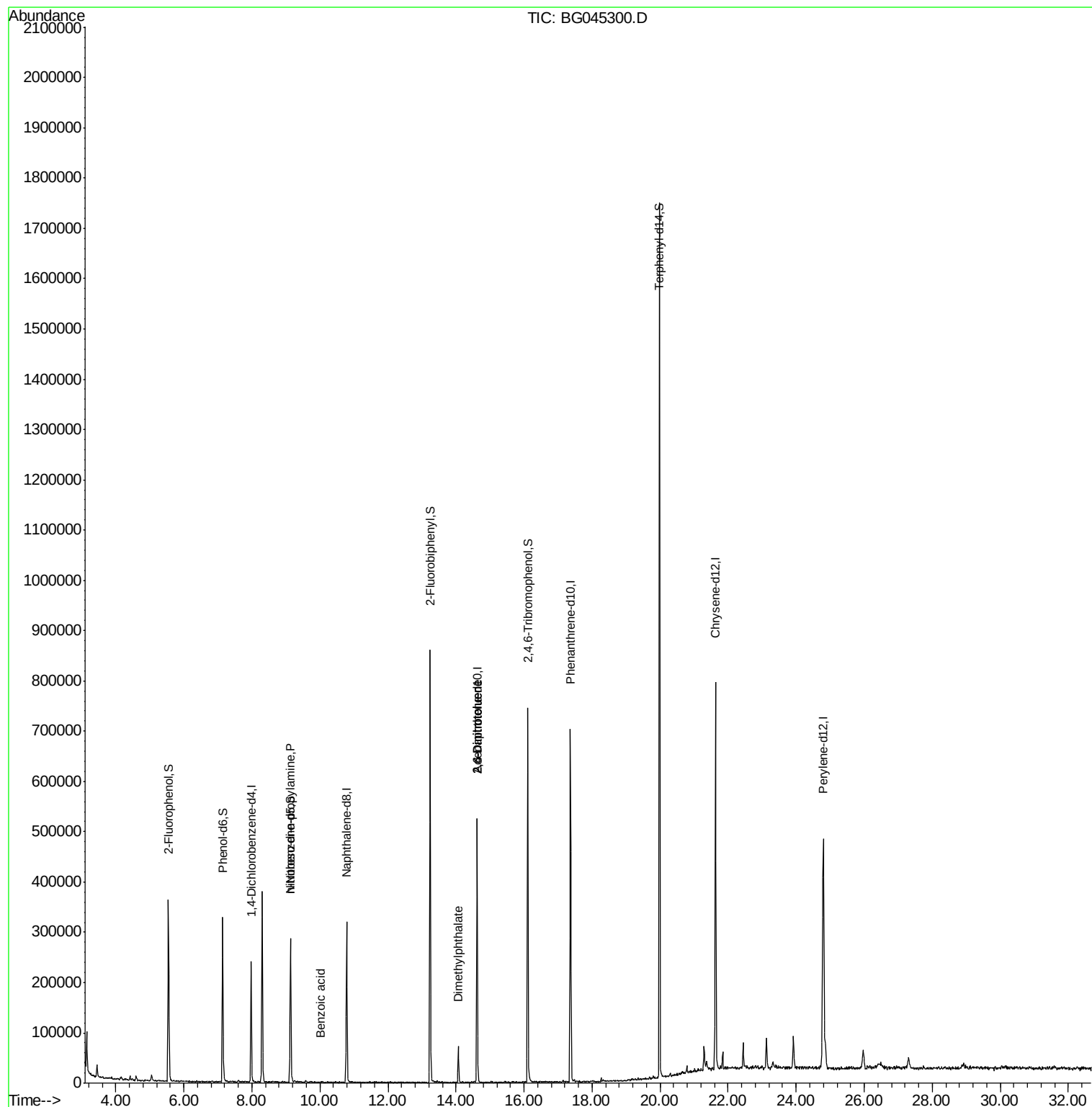
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.16	77	297	Below Cal	#	39
19) n-Nitroso-di-n-propylamine	9.13	70	26062	5.587 ng	#	72
32) Benzoic acid	10.00	122	56	6.387 ng	#	1
50) Dimethylphthalate	14.07	163	47502	2.873 ng	#	98
51) 2,6-Dinitrotoluene	14.62	165	26064	7.049 ng	#	25
57) 2,4-Dinitrotoluene	14.62	165	26064	4.823 ng	#	22
69) Atrazine	17.11	200	60	Below Cal	#	35
74) Di-n-butylphthalate	18.33	149	1257	Below Cal	#	82
75) Fluoranthene	19.42	202	55	Below Cal	#	62
77) Benzidine	19.98	184	15428	Below Cal	#	91

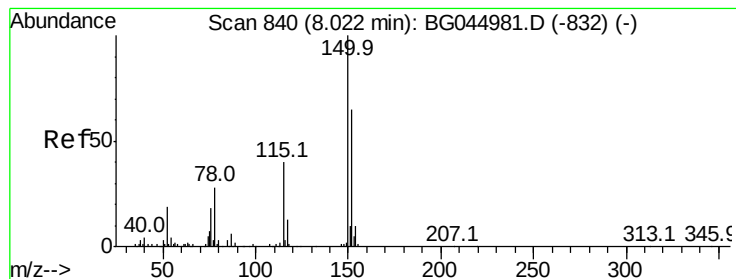
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051120\
Data File : BG045300.D
Acq On : 11 May 2020 17:24
Operator : CG/JU
Sample : L2506-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-050720

Quant Time: May 11 17:59:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration



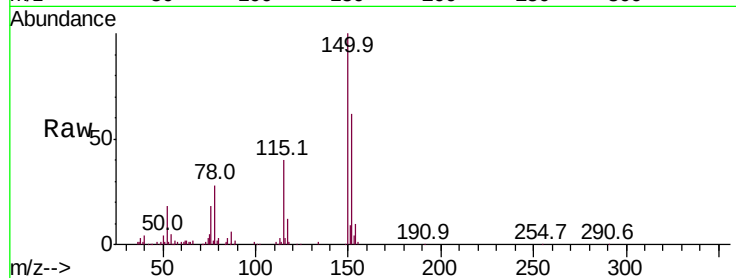


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045300.D
Acq: 11 May 2020 17:24

Instrument :
BNA_G
ClientSampleId :
TR-04-050720

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.6	185.4
115	64.2	49.1	73.7

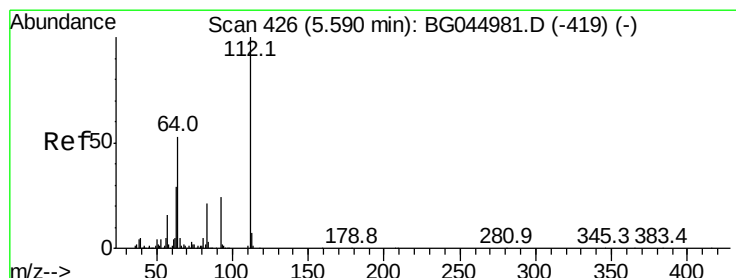
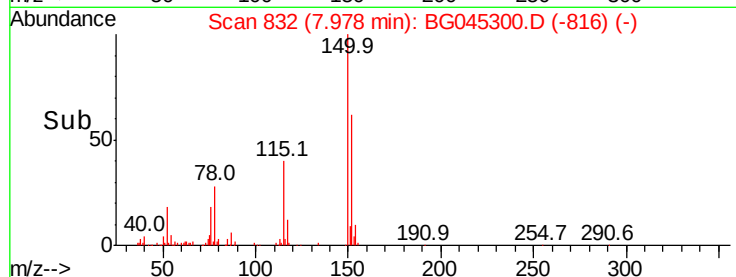
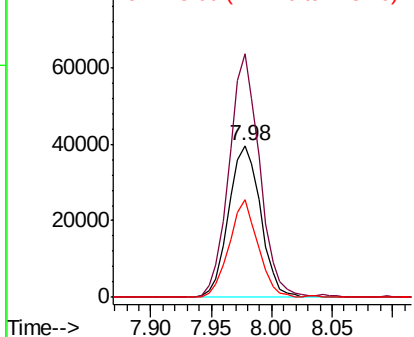


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

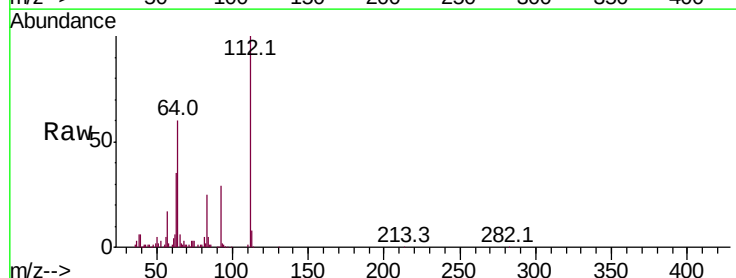
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.144 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.00 min
Lab File: BG045300.D
Acq: 11 May 2020 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	42.4	63.6
63	34.7	23.1	34.7

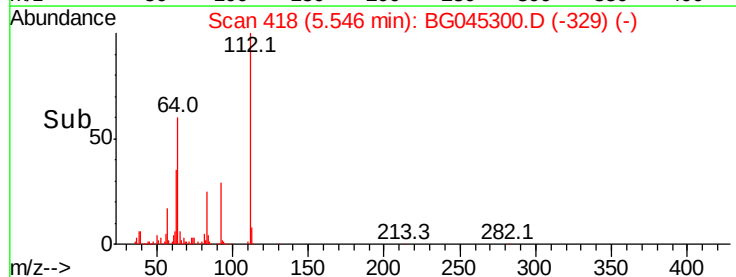
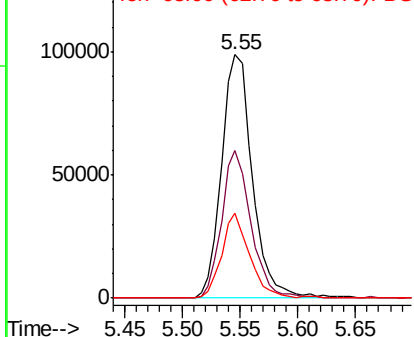


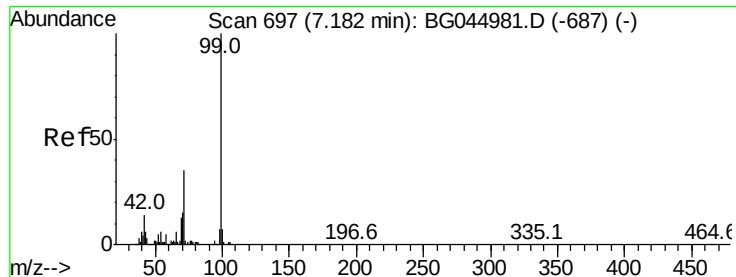
Abundance

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: 35.141 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045300.D

Acq: 11 May 2020 17:24

Instrument :

BNA_G

ClientSampleId :

TR-04-050720

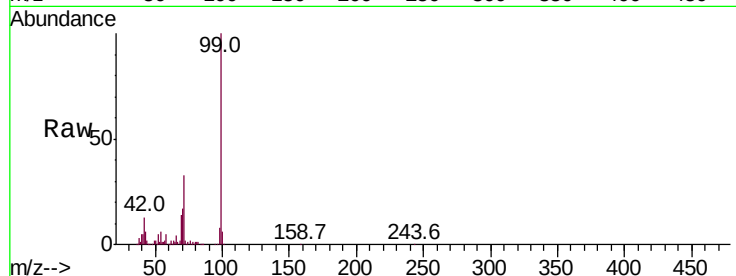
Tot Ion: 99 Resp: 231798

Ion Ratio Lower Upper

99 100

42 12.7 11.3 16.9

71 33.1 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

150000

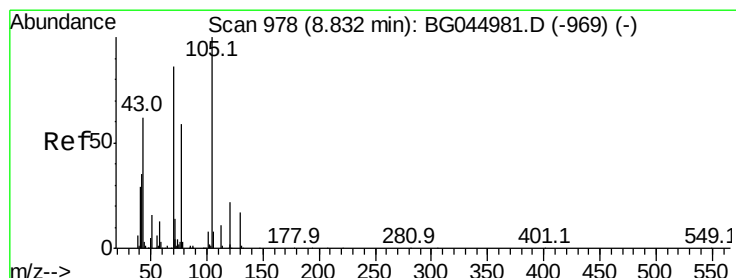
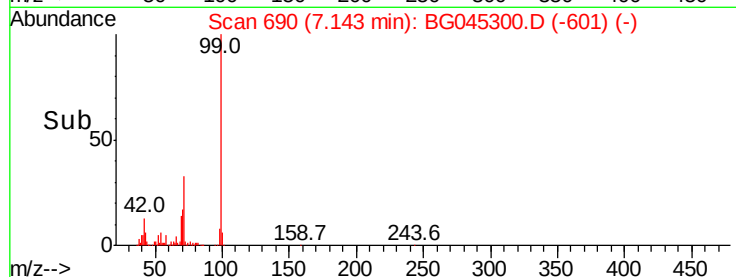
7.14

100000

50000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 5.587 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.34 min

Lab File: BG045300.D

Acq: 11 May 2020 17:24

Tgt Ion: 70 Resp: 26062

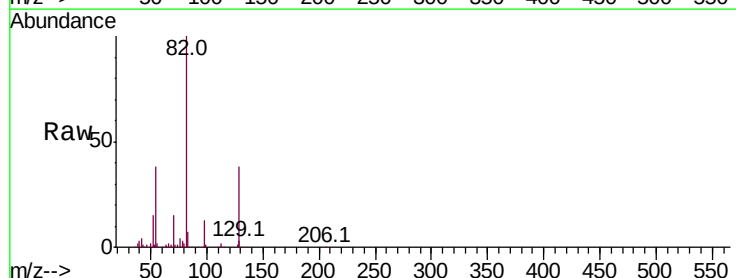
Ion Ratio Lower Upper

70 100

42 27.5 33.3 49.9#

101 0.0 7.8 11.8#

130 1.4 15.8 23.6#



Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

20000

9.13

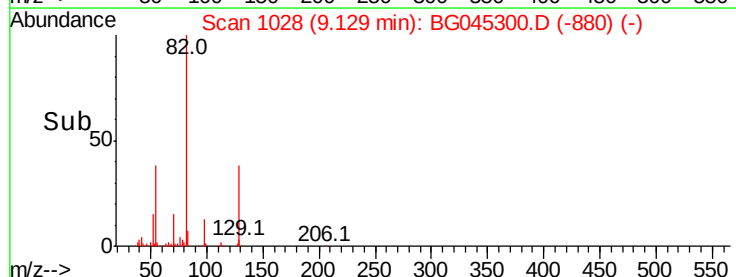
15000

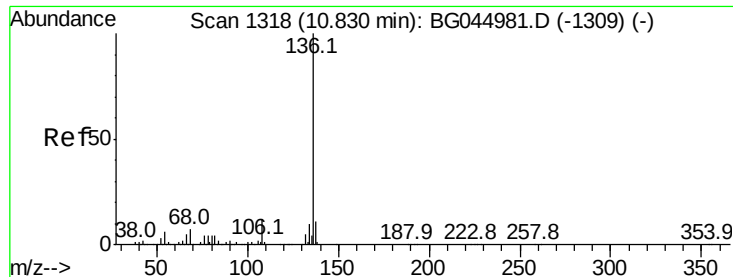
10000

5000

0

Time-->

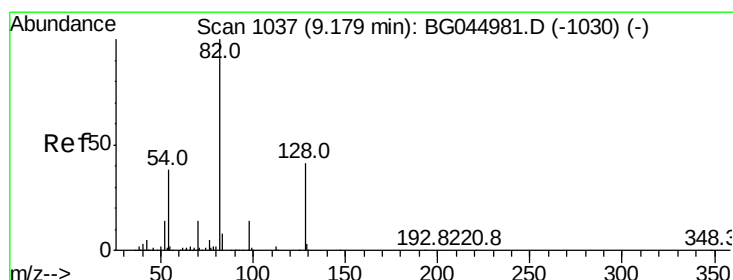
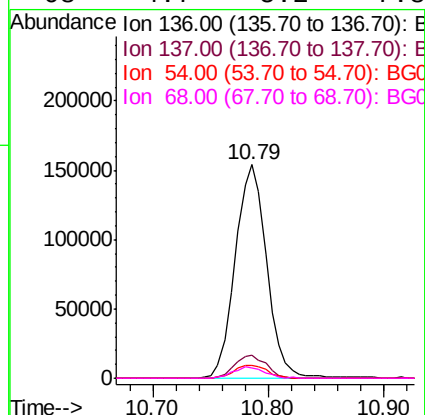
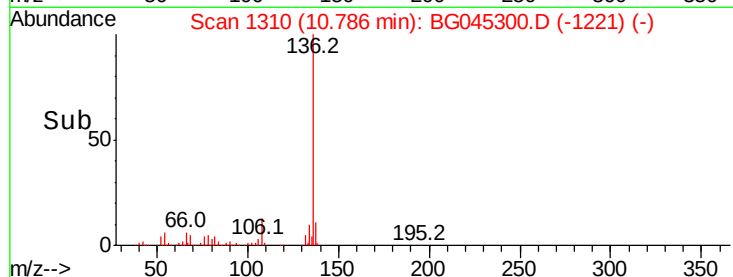
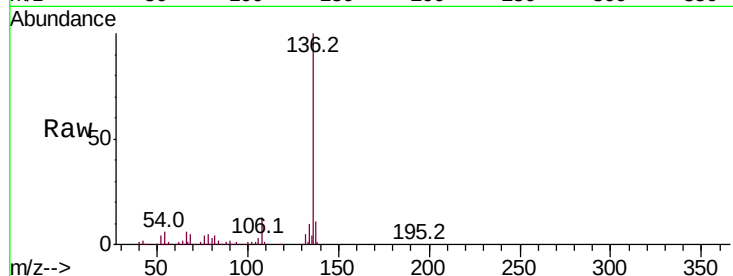




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG045300.D
Acq: 11 May 2020 17:24

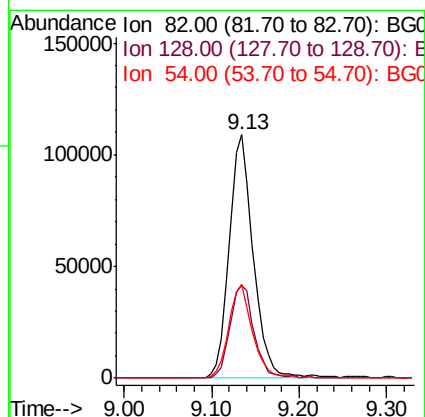
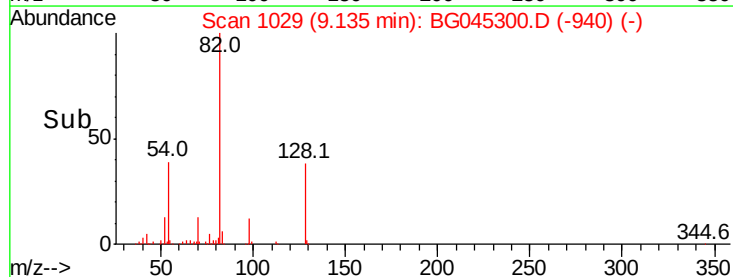
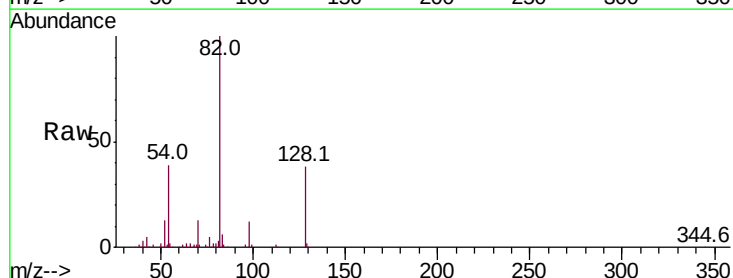
Instrument :
BNA_G
ClientSampleId :
TR-04-050720

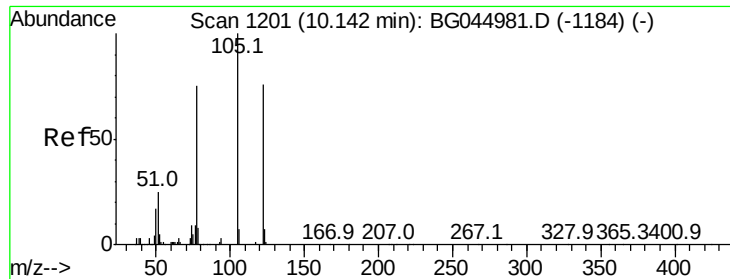
Tot Ion:	136	Resp:	289922
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.1	4.8	7.2
68	4.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 32.339 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045300.D
Acq: 11 May 2020 17:24

Tgt Ion:	82	Resp:	205482
Ion	Ratio	Lower	Upper
82	100		
128	37.8	33.0	49.4
54	38.7	30.4	45.6

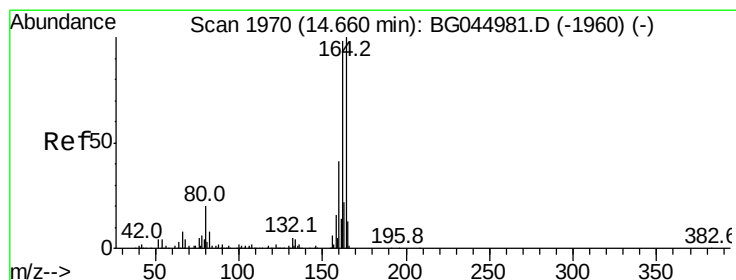
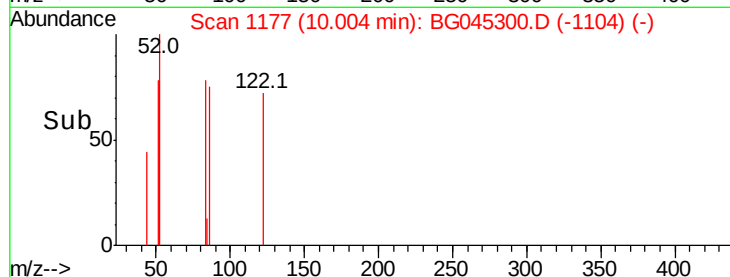
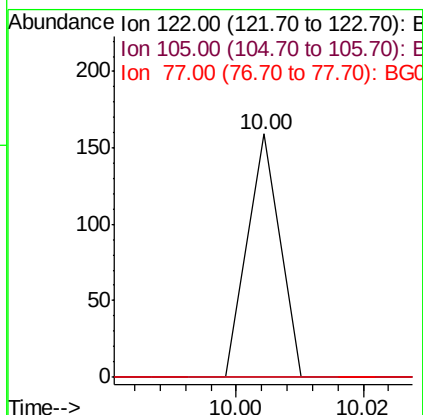
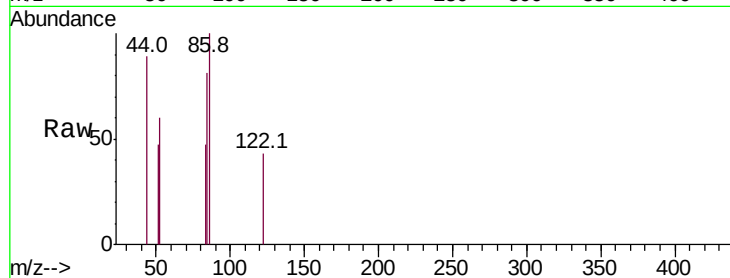




#32
Benzoic acid
Concen: 6.387 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.10 min
Lab File: BG045300.D
Acq: 11 May 2020 17:24

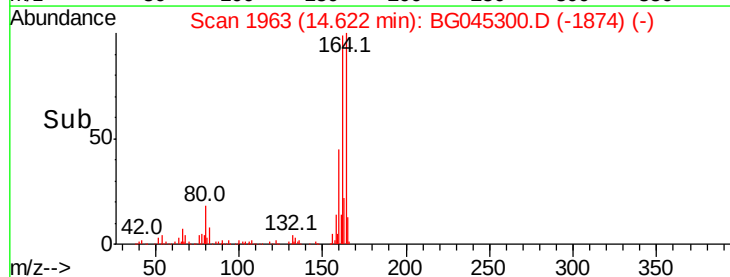
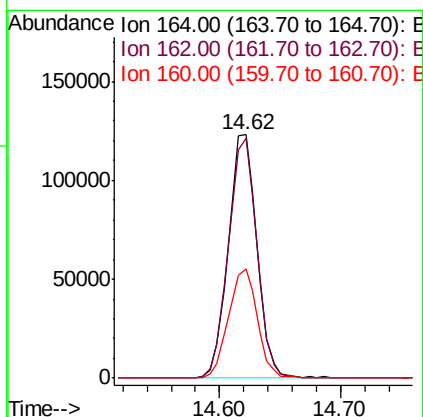
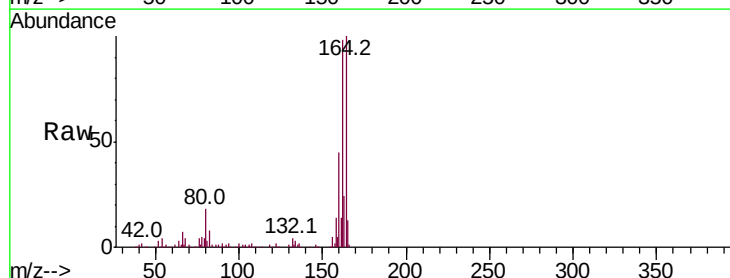
Instrument :
BNA_G
ClientSampleId :
TR-04-050720

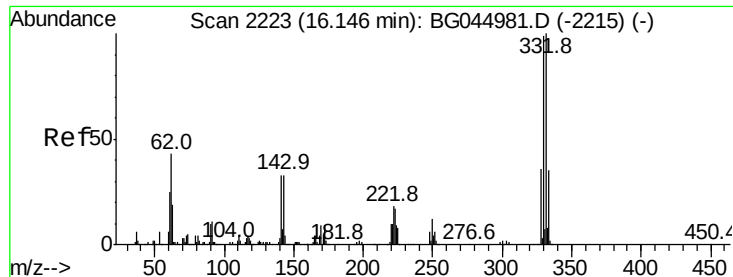
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG045300.D
Acq: 11 May 2020 17:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.7	118.1
160	45.1	32.8	49.2

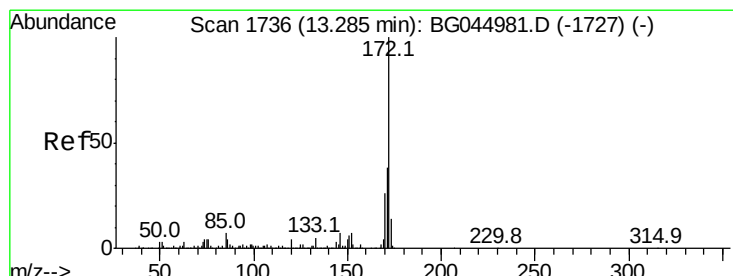
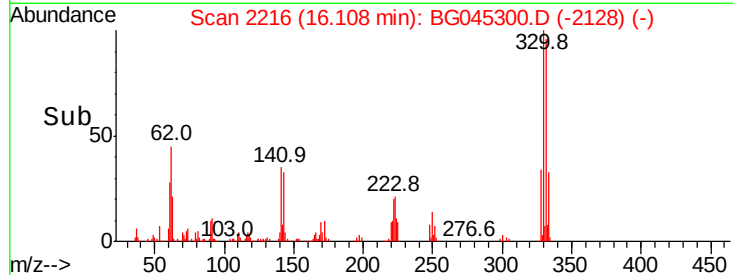
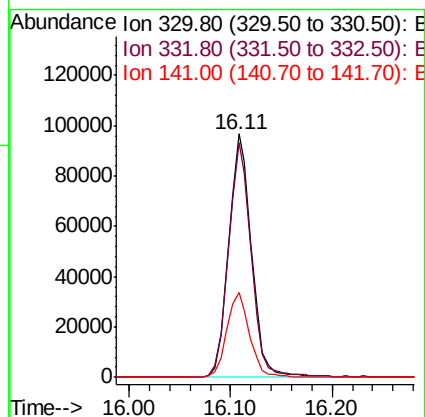
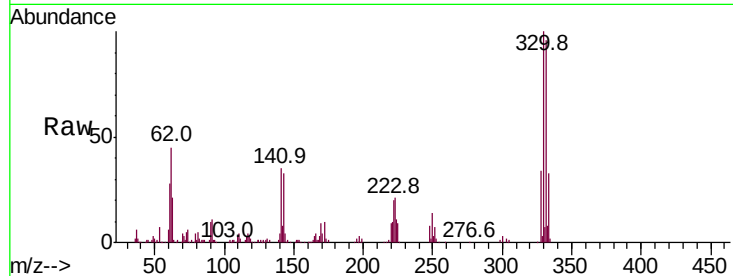




#42
 2,4,6-Tribromophenol
 Concen: 47.880 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045300.D
 Acq: 11 May 2020 17:24

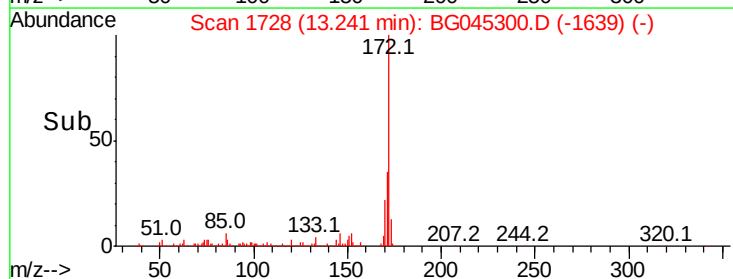
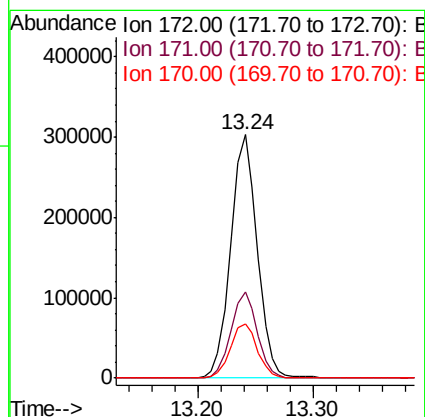
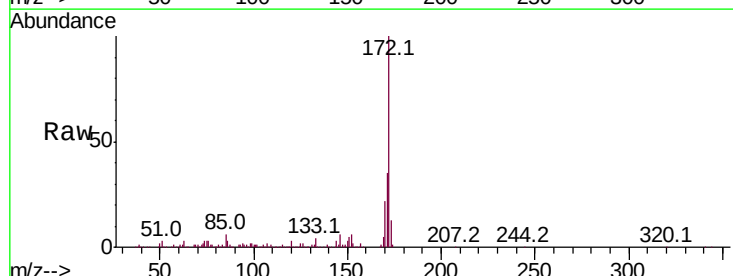
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-050720

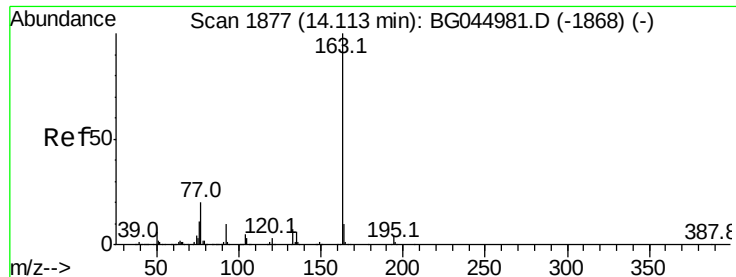
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	34.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 34.857 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045300.D
 Acq: 11 May 2020 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.6	46.0
170	22.3	20.5	30.7





#50

Dimethylphthalate

Concen: 2.873 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045300.D

Acq: 11 May 2020 17:24

Instrument :

BNA_G

ClientSampleId :

TR-04-050720

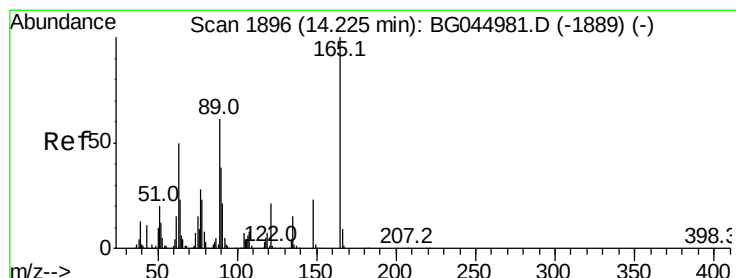
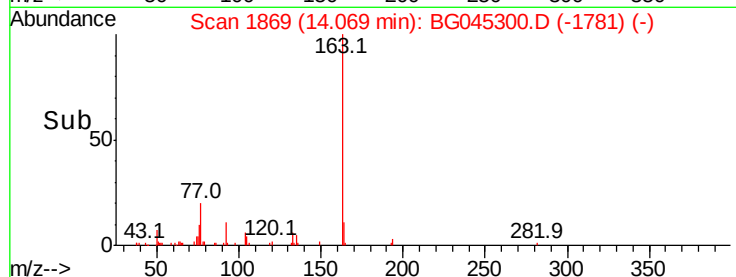
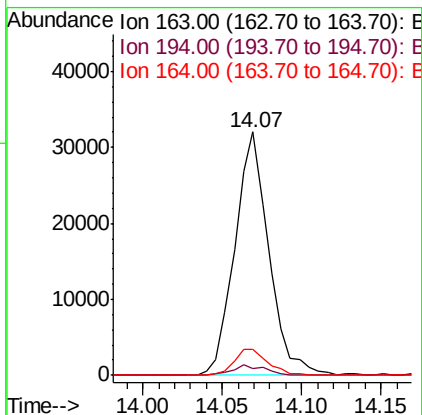
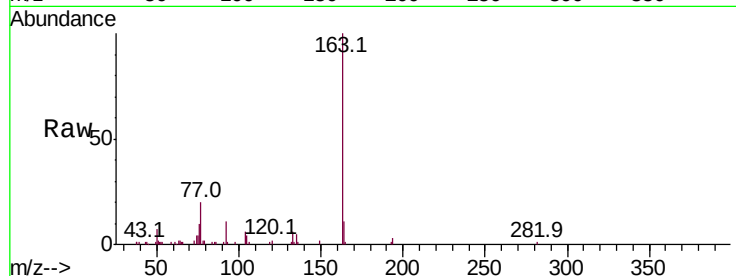
Tot Ion:163 Resp: 47502

Ion Ratio Lower Upper

163 100

194 2.9 3.5 5.3#

164 10.9 8.2 12.4



#51

2,6-Dinitrotoluene

Concen: 7.049 ng

RT: 14.62 min Scan# 1963

Delta R.T. 0.43 min

Lab File: BG045300.D

Acq: 11 May 2020 17:24

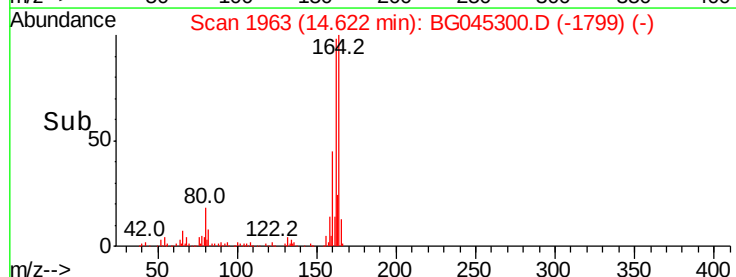
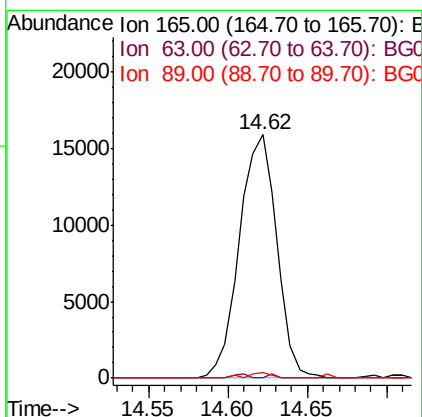
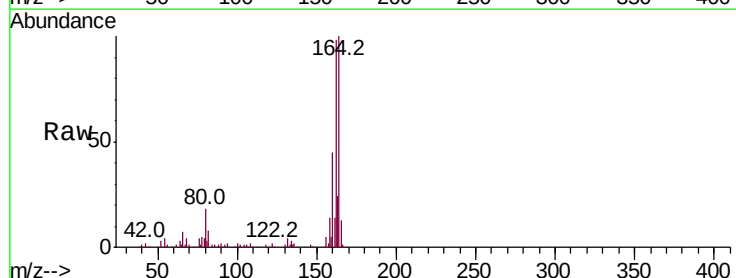
Tgt Ion:165 Resp: 26064

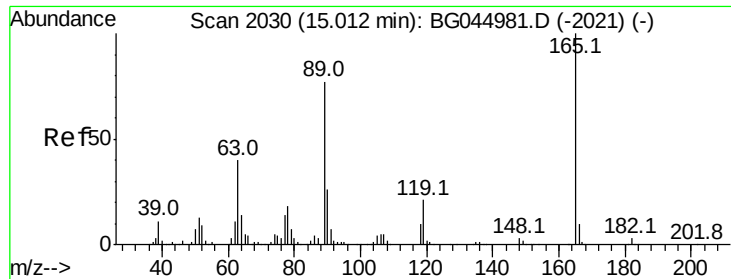
Ion Ratio Lower Upper

165 100

63 0.0 40.4 60.6#

89 2.2 49.1 73.7#

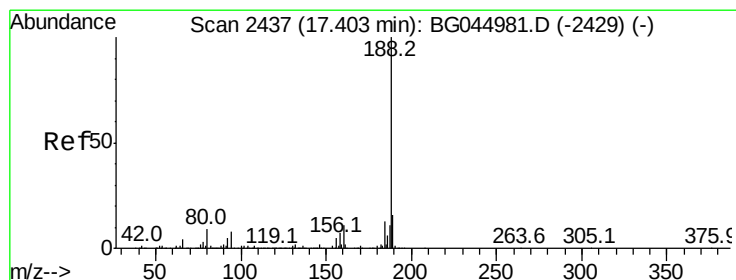
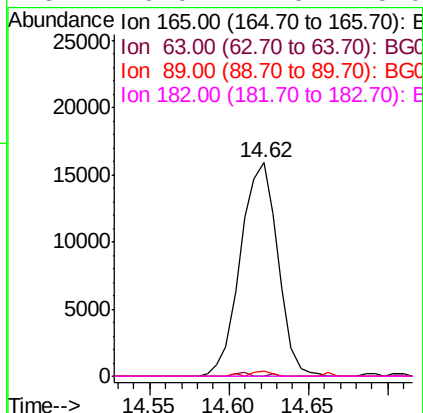
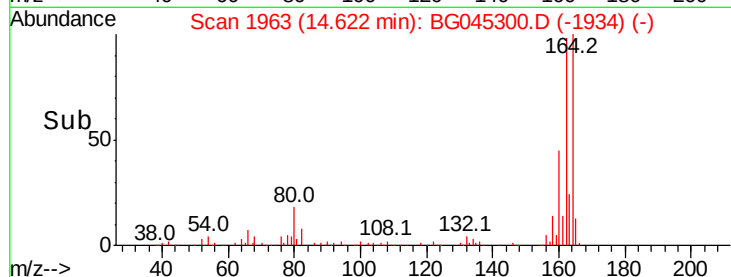
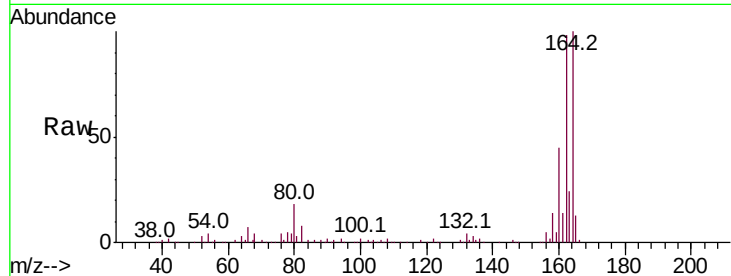




#57
 2,4-Dinitrotoluene
 Concen: 4.823 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.36 min
 Lab File: BG045300.D
 Acq: 11 May 2020 17:24

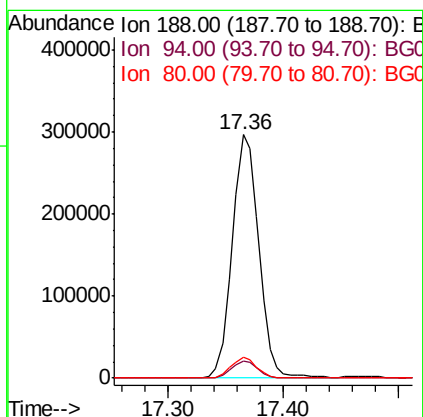
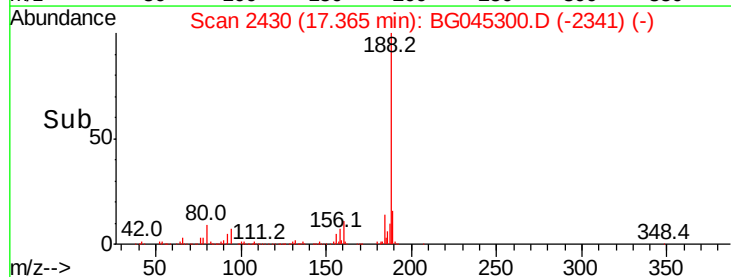
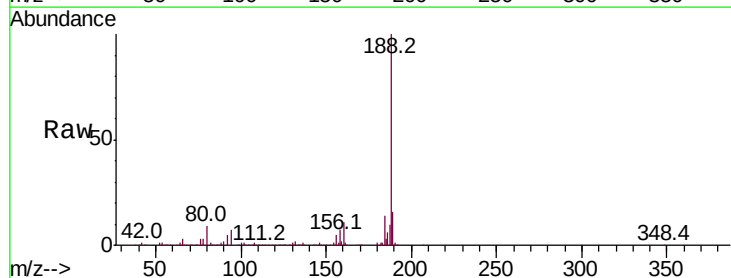
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-050720

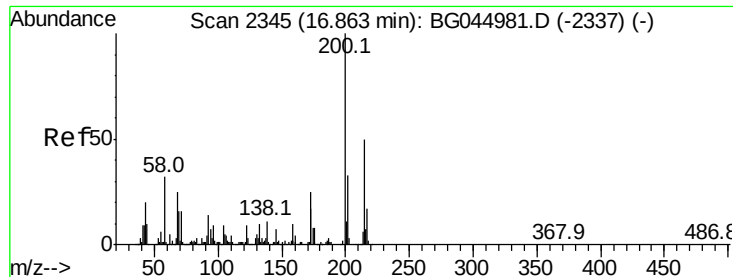
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	2.2	61.7	92.5#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG045300.D
 Acq: 11 May 2020 17:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	8.8	7.0	10.6





#69

Atrazine

Concen: Below Cal

RT: 17.11 min Scan# 2387

Delta R.T. 0.28 min

Lab File: BG045300.D

Acq: 11 May 2020 17:24

Instrument :

BNA_G

ClientSampleId :

TR-04-050720

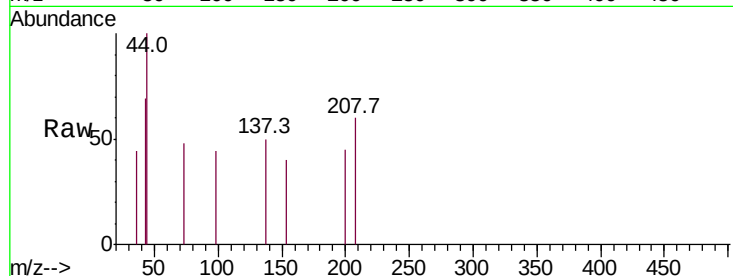
Tot Ion:200 Resp: 60

Ion Ratio Lower Upper

200 100

173 0.0 4.5 44.5#

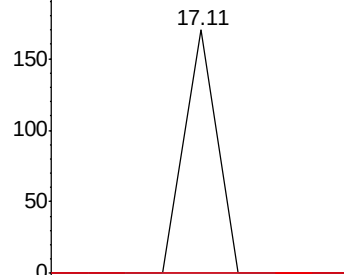
215 0.0 30.0 70.0#



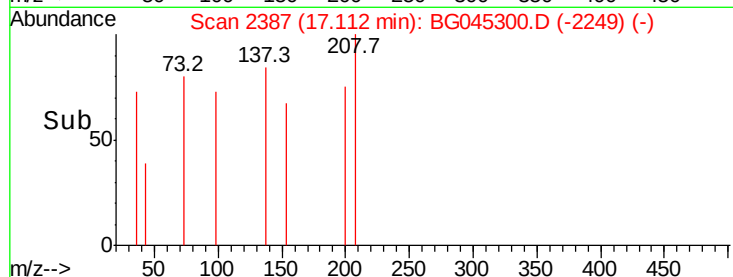
Abundance Ion 200.00 (199.70 to 200.70): E

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: 18.33 min Scan# 2595

Delta R.T. -0.00 min

Lab File: BG045300.D

Acq: 11 May 2020 17:24

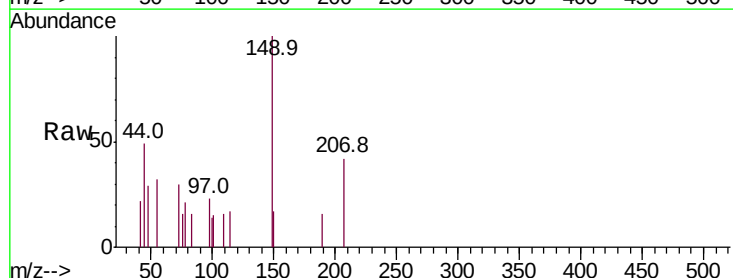
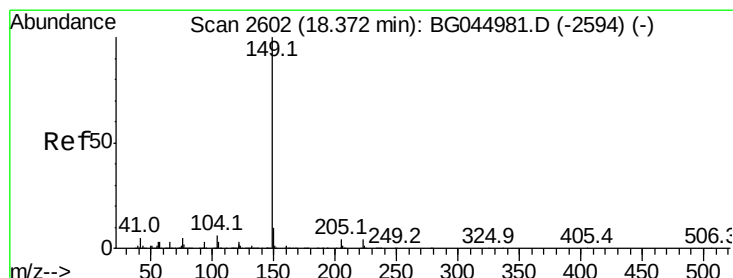
Tgt Ion:149 Resp: 1257

Ion Ratio Lower Upper

149 100

150 17.0 8.2 12.2#

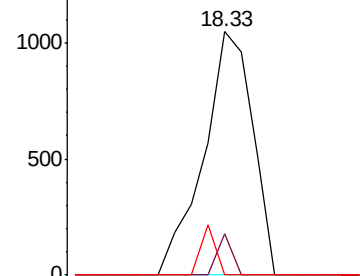
104 0.0 4.8 7.2#



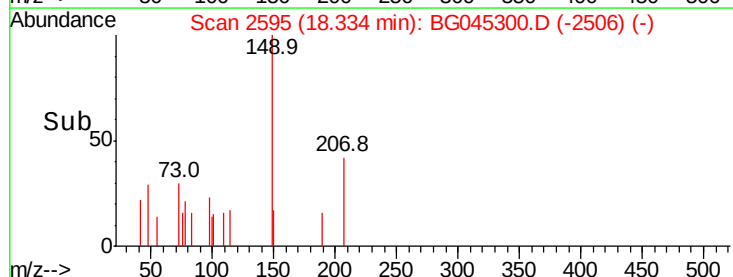
Abundance Ion 149.00 (148.70 to 149.70): E

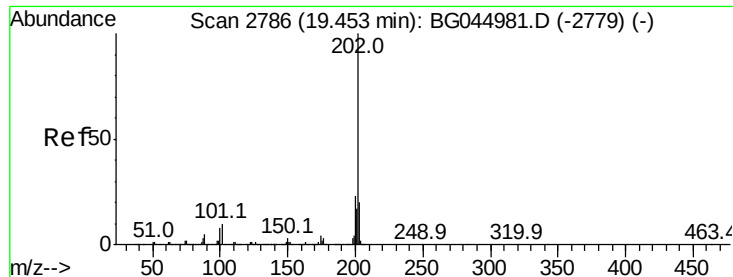
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

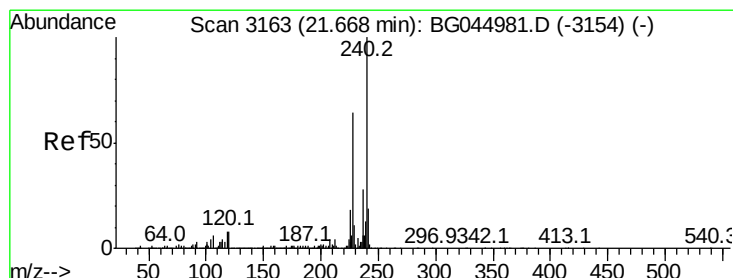
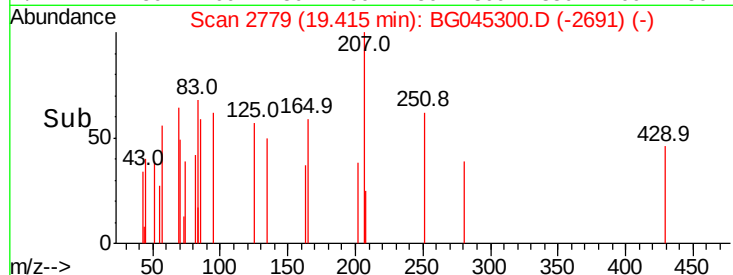
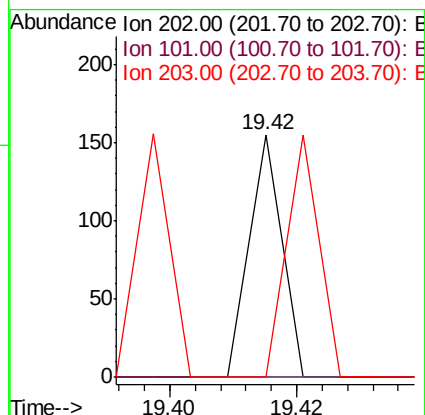
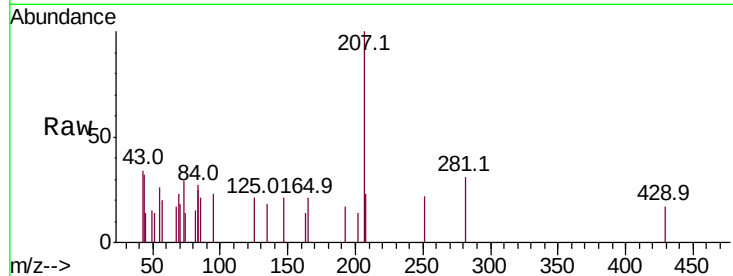




#75
Fluoranthene
Concen: Below Cal
RT: 19.42 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BG045300.D
Acq: 11 May 2020 17:24

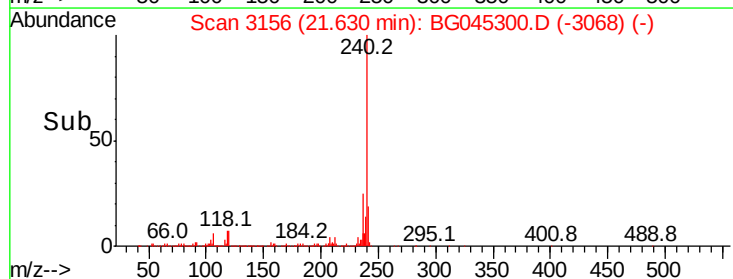
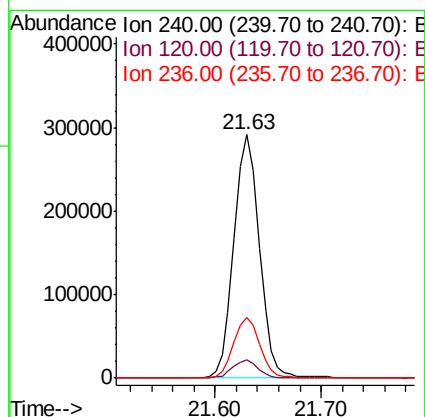
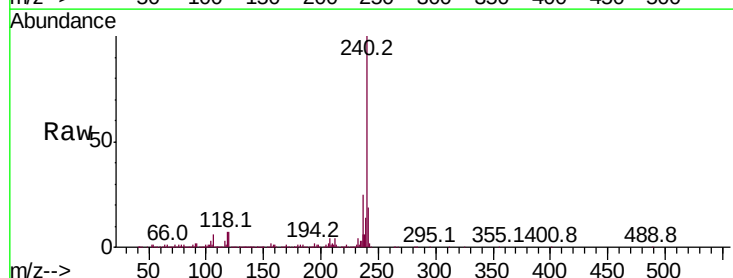
Instrument :
BNA_G
ClientSampleId :
TR-04-050720

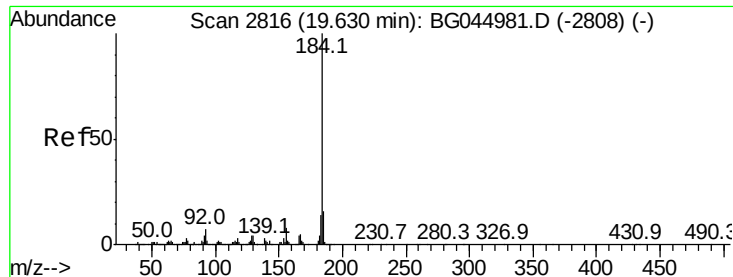
Tot Ion:	202	Resp:	55
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045300.D
Acq: 11 May 2020 17:24

Tgt Ion:	240	Resp:	489534
Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	25.0	22.2	33.2





#77

Benzidine

Concen: Below Cal

RT: 19.98 min Scan# 2875

Delta R.T. 0.38 min

Lab File: BG045300.D

Acq: 11 May 2020 17:24

Instrument :

BNA_G

ClientSampleId :

TR-04-050720

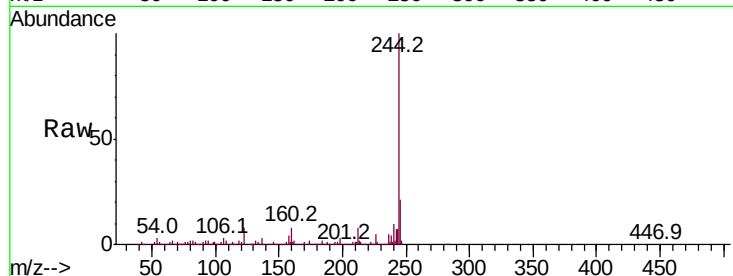
Tot Ion:184 Resp: 15428

Ion Ratio Lower Upper

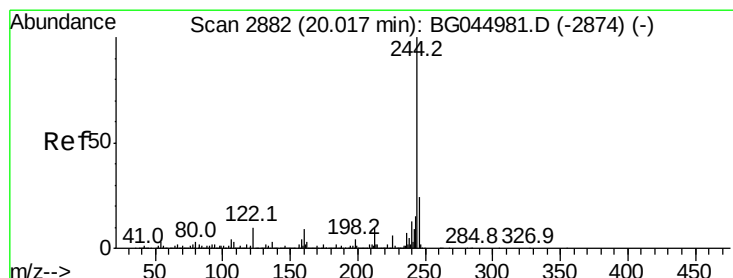
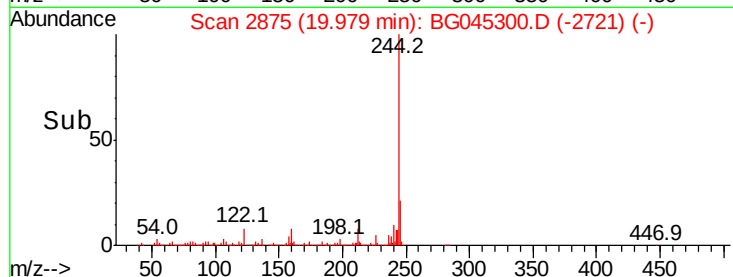
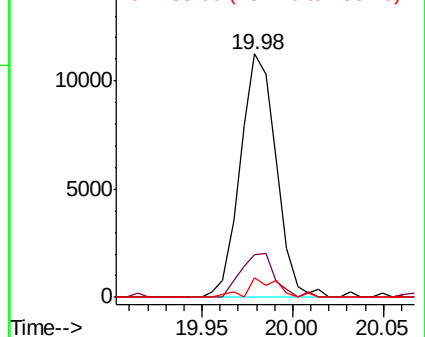
184 100

185 17.4 12.6 19.0

183 8.0 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: 40.918 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG045300.D

Acq: 11 May 2020 17:24

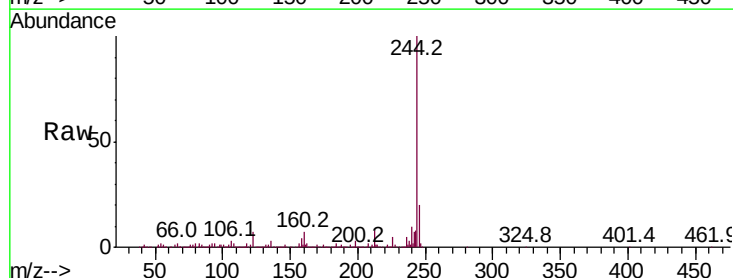
Tgt Ion:244 Resp: 919034

Ion Ratio Lower Upper

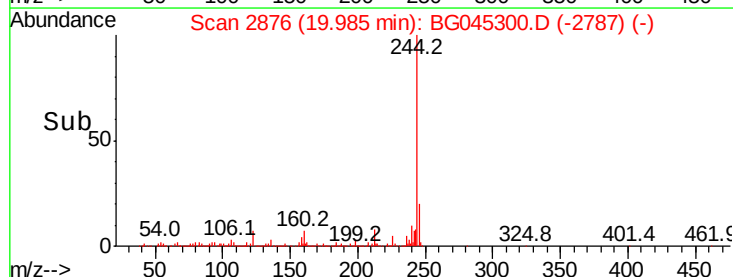
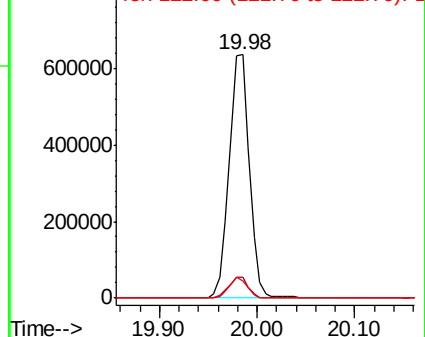
244 100

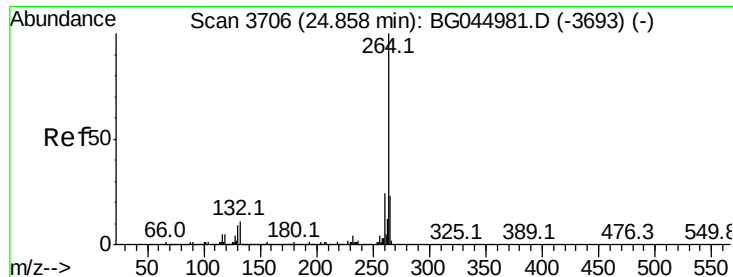
212 8.3 7.9 11.9

122 7.0 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: 24.80 min Scan# 3695
 Delta R.T. -0.01 min
 Lab File: BG045300.D
 Acq: 11 May 2020 17:24

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-050720

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	19.0	28.4

