

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051220\
 Data File : BG045331.D
 Acq On : 12 May 2020 16:27
 Operator : CG/JU
 Sample : PB128766BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128766BL

Quant Time: May 12 17:41:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	65484	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	262048	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	182976	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	436253	20.00	ng	0.00
76) Chrysene-d12	21.62	240	444761	20.00	ng	0.00
87) Perylene-d12	24.79	264	463583	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	433377	109.26	ng	0.00
7) Phenol-d6	7.14	99	614151	104.21	ng	0.00
23) Nitrobenzene-d5	9.13	82	429986	74.87	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	322277	114.01	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	991003	79.42	ng	0.00
79) Terphenyl-d14	19.98	244	1811992	88.80	ng	0.00

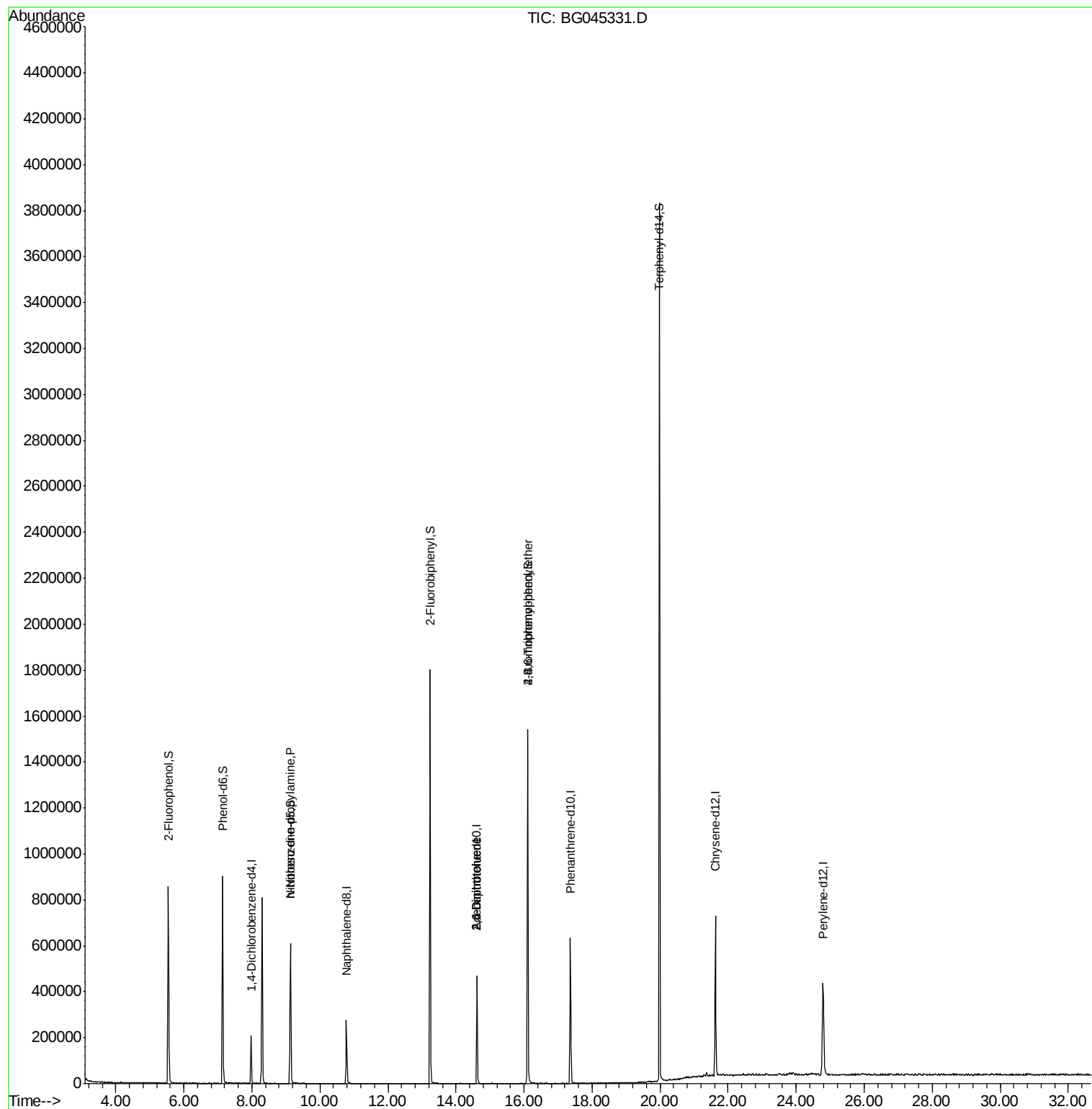
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.14	77	1336	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.13	70	58527	14.043	ng	# 82
51) 2,6-Dinitrotoluene	14.62	165	23150	6.947	ng	# 27
57) 2,4-Dinitrotoluene	14.62	165	23150	4.754	ng	# 24
67) 4-Bromophenyl-phenylether	16.11	248	22395	3.979	ng	# 1
74) Di-n-butylphthalate	18.26	149	57	Below Cal	#	76
75) Fluoranthene	19.43	202	68	Below Cal	#	62
77) Benzidine	19.98	184	34994	Below Cal	#	87

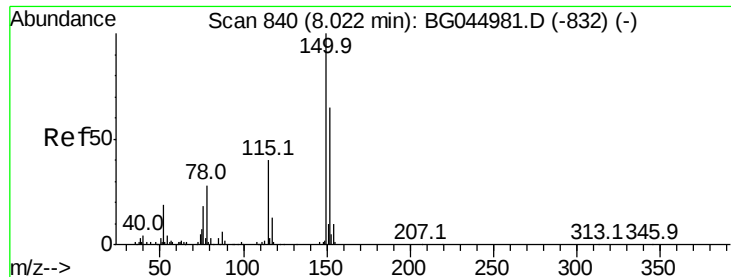
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051220\
Data File : BG045331.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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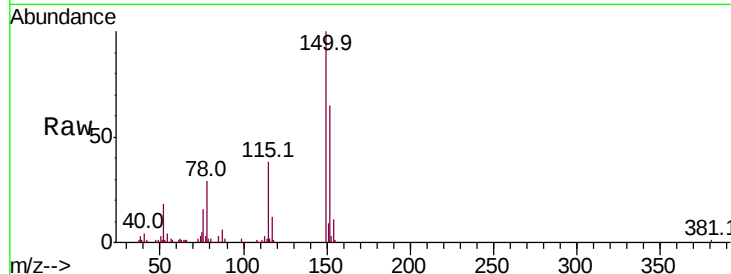


#1

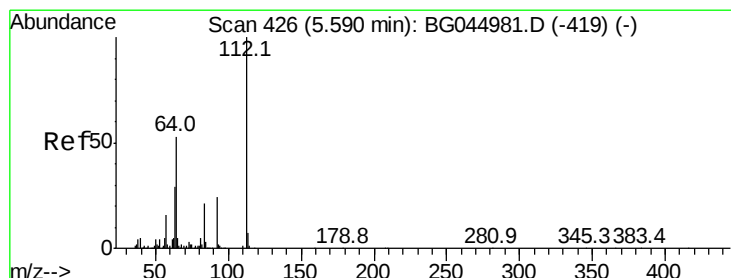
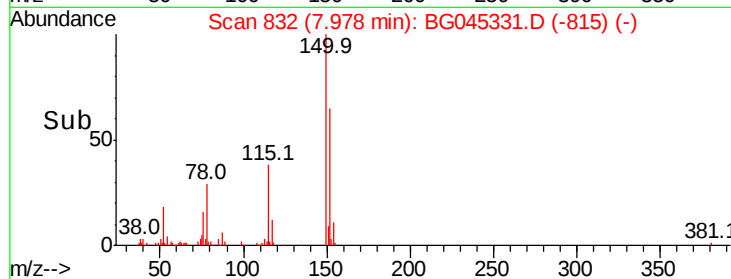
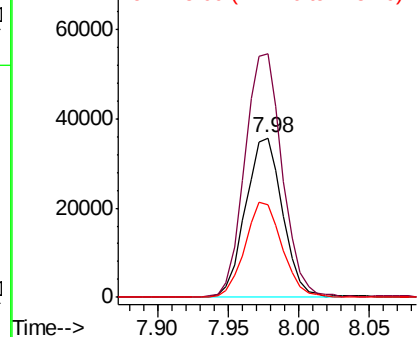
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045331.D
Acq: 12 May 2020 16:27

Instrument :
BNA_G
ClientSampleId :
PB128766BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.6	185.4
115	58.4	49.1	73.7



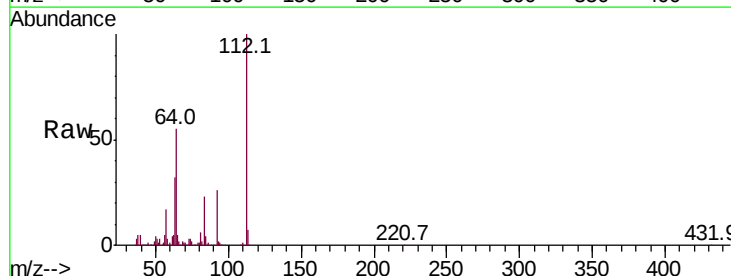
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



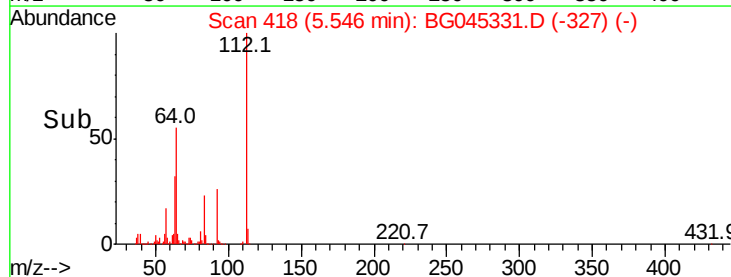
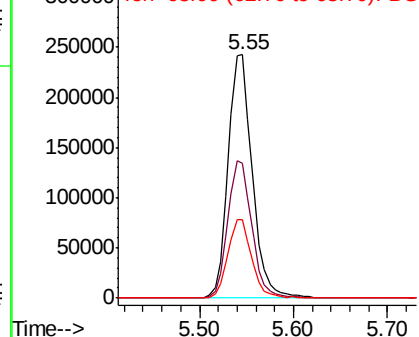
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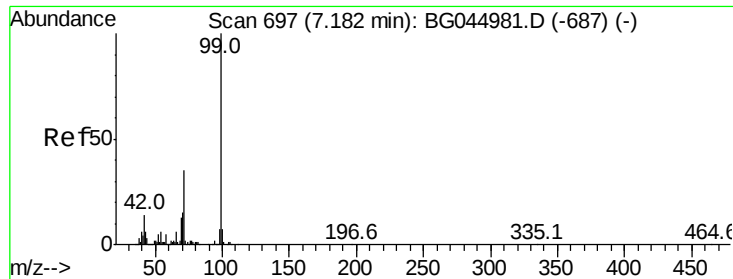
2-Fluorophenol
Concen: 109.261 ng
RT: 5.55 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045331.D
Acq: 12 May 2020 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.4	63.6
63	32.3	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: 104.214 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045331.D

Acq: 12 May 2020 16:27

Instrument :

BNA_G

ClientSampleId :

PB128766BL

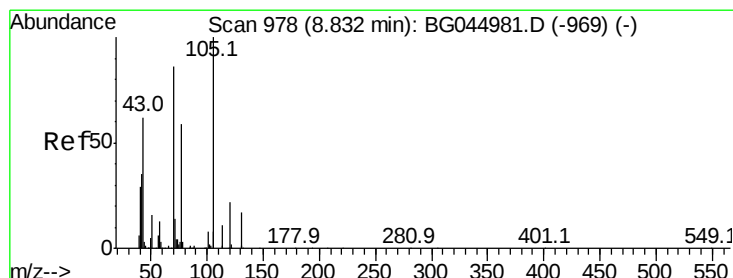
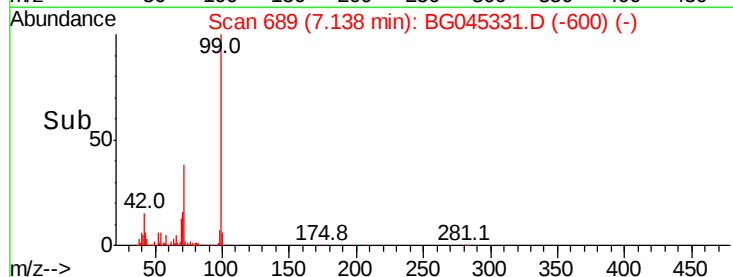
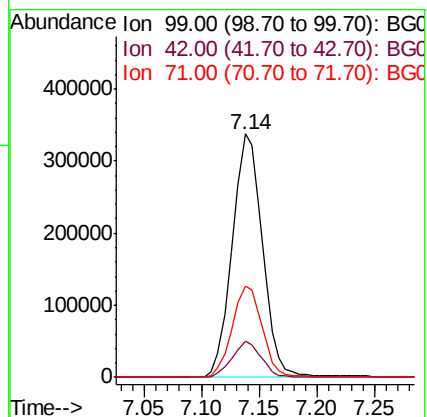
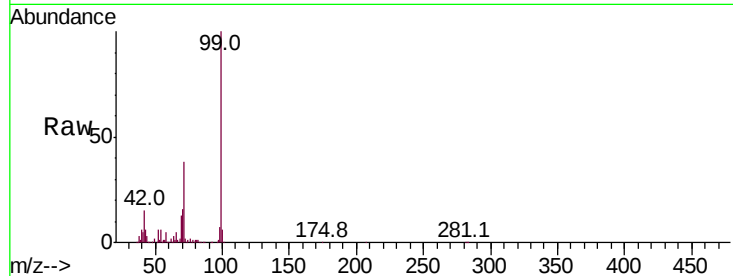
Tot Ion: 99 Resp: 614151

Ion Ratio Lower Upper

99 100

42 14.8 11.3 16.9

71 37.5 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 14.043 ng

RT: 9.13 min Scan# 1029

Delta R.T. 0.35 min

Lab File: BG045331.D

Acq: 12 May 2020 16:27

Tgt Ion: 70 Resp: 58527

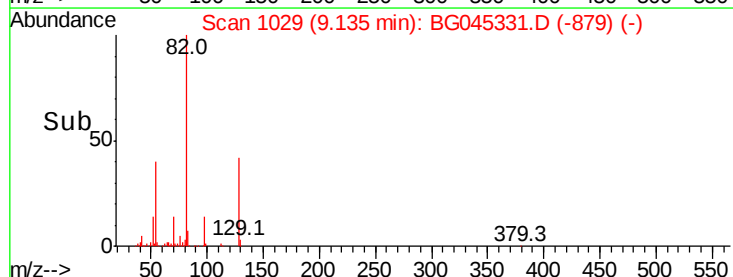
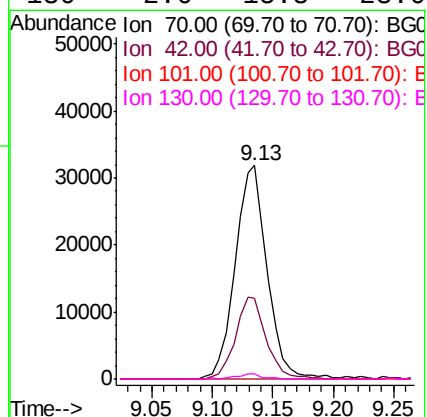
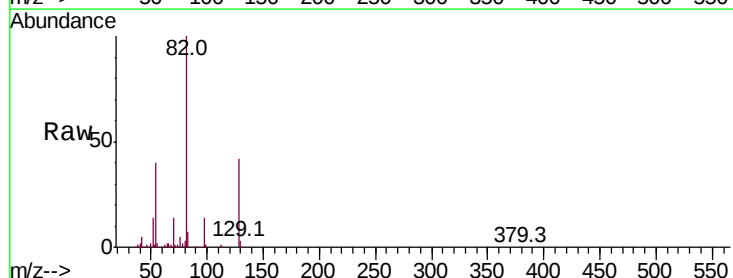
Ion Ratio Lower Upper

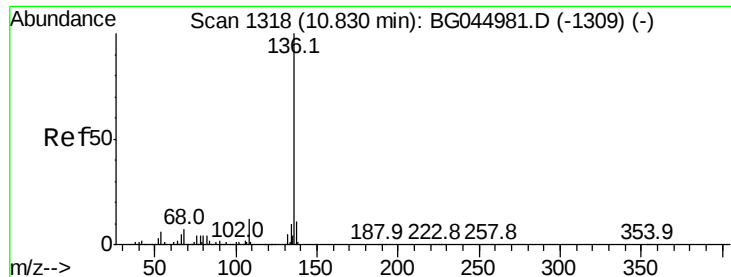
70 100

42 37.8 33.3 49.9

101 0.0 7.8 11.8#

130 2.6 15.8 23.6#

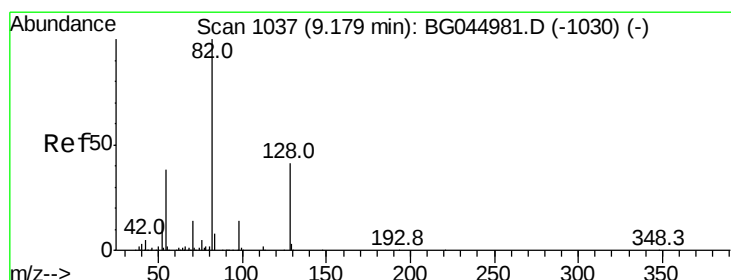
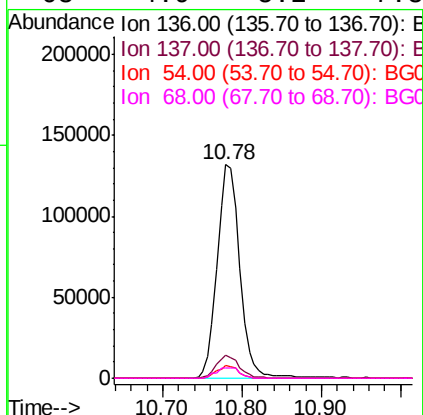
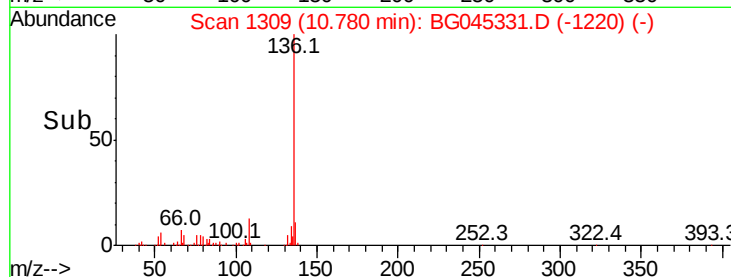
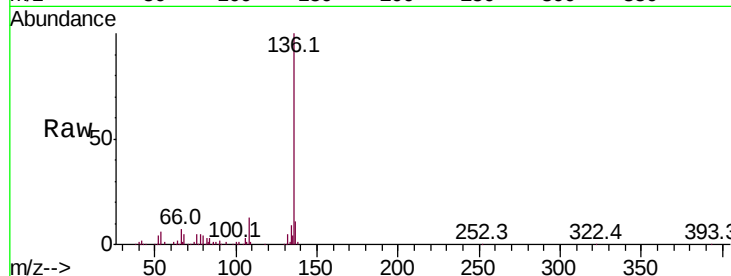




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045331.D
Acq: 12 May 2020 16:27

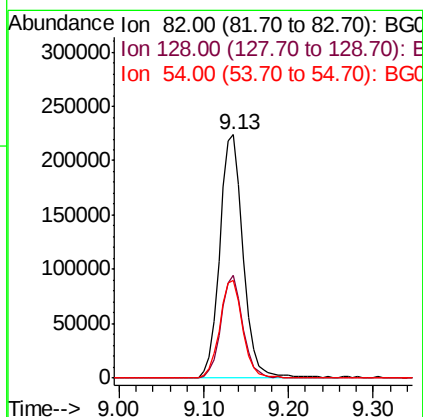
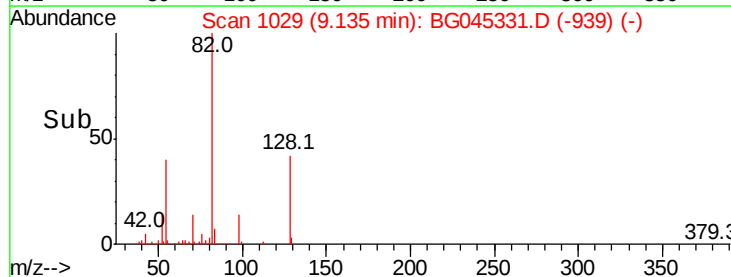
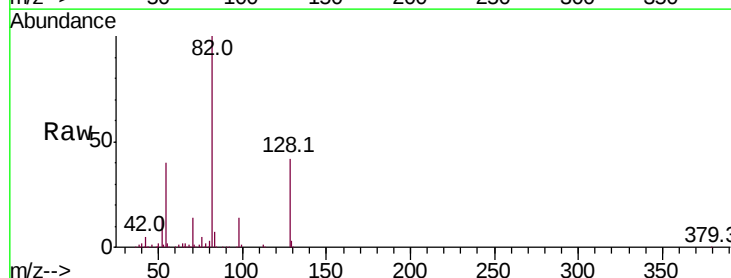
Instrument :
BNA_G
ClientSampleId :
PB128766BL

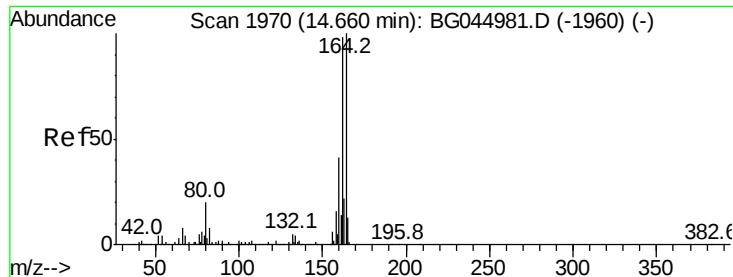
Tot Ion:	136	Resp:	262048
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.9	4.8	7.2
68	4.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 74.871 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045331.D
Acq: 12 May 2020 16:27

Tgt Ion:	82	Resp:	429986
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.0	49.4
54	40.2	30.4	45.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG045331.D

Acq: 12 May 2020 16:27

Instrument :

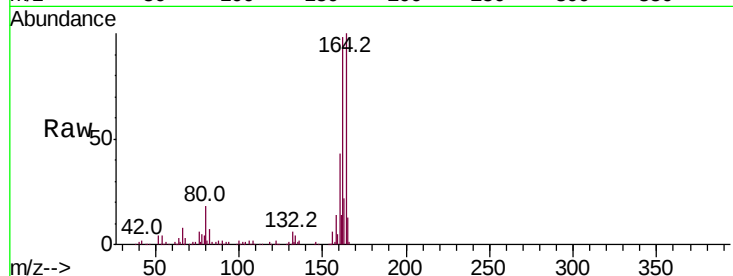
BNA_G

ClientSampleId :

PB128766BL

Tot Ion:164 Resp: 182976

Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.7	118.1
160	42.9	32.8	49.2

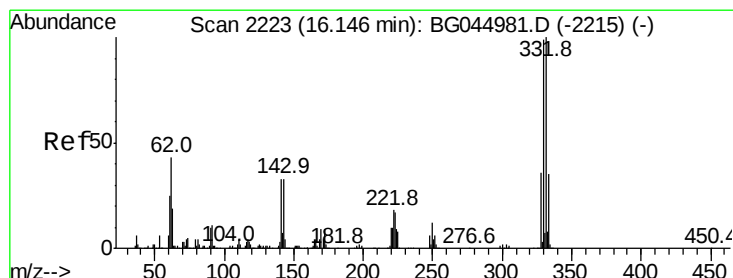
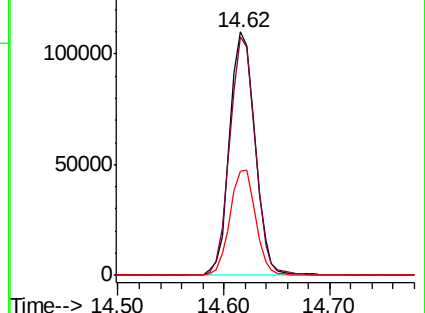
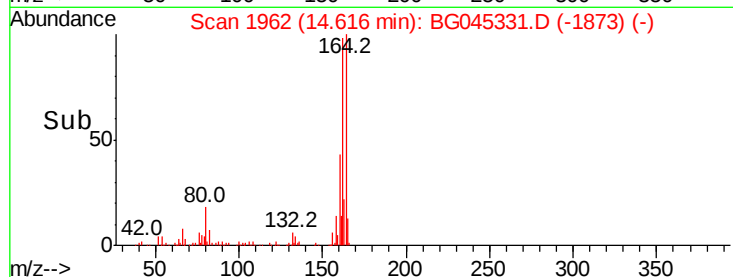


Abundance

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: 114.010 ng

RT: 16.11 min Scan# 2216

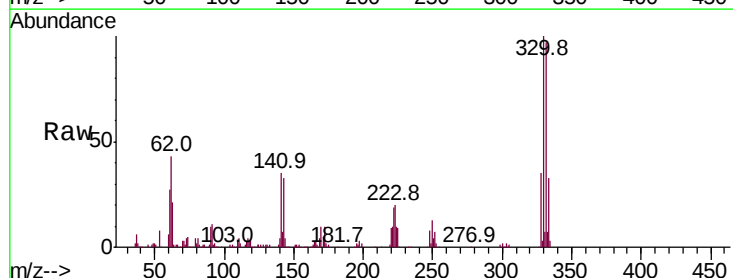
Delta R.T. -0.00 min

Lab File: BG045331.D

Acq: 12 May 2020 16:27

Tgt Ion:330 Resp: 322277

Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.1	118.7
141	35.2	27.1	40.7

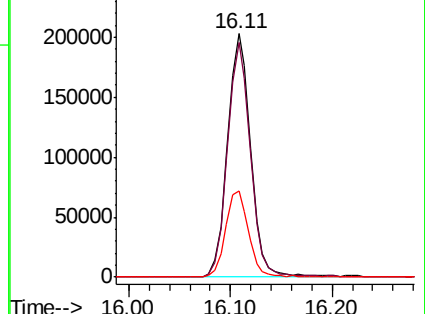
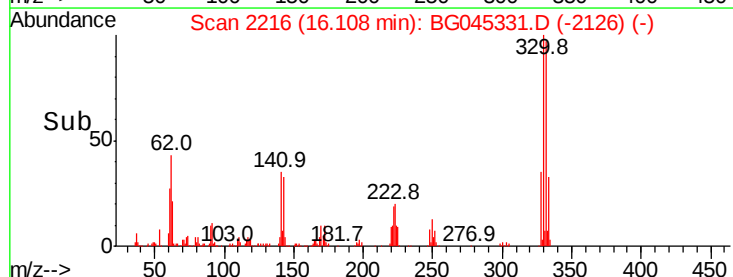


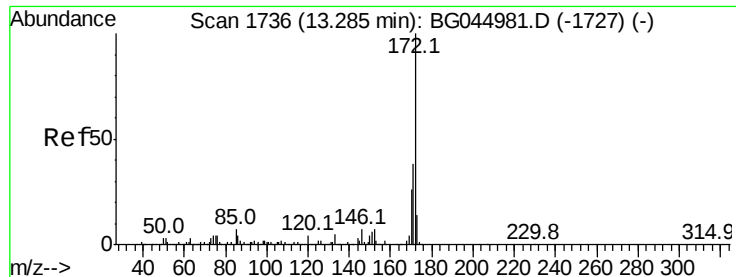
Abundance

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

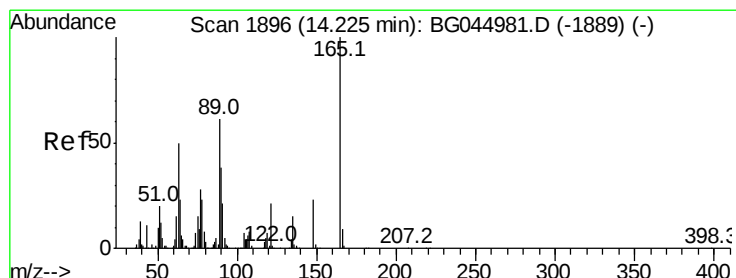
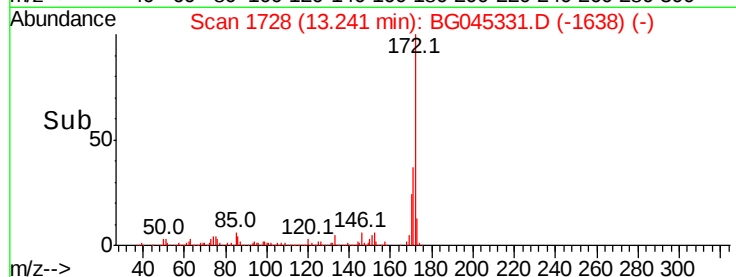
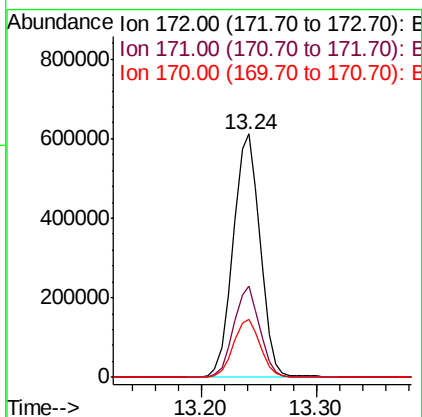
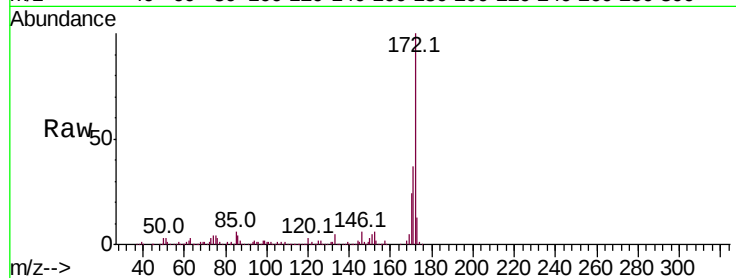




#45
 2-Fluorobiphenyl
 Concen: 79.416 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045331.D
 Acq: 12 May 2020 16:27

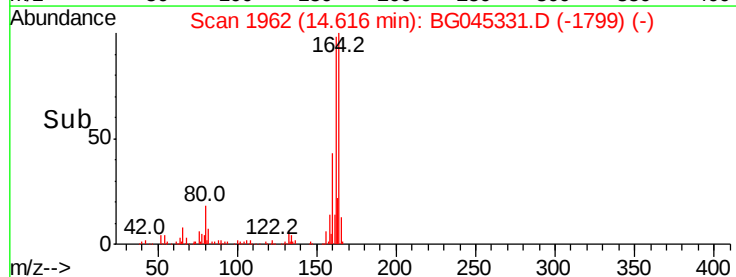
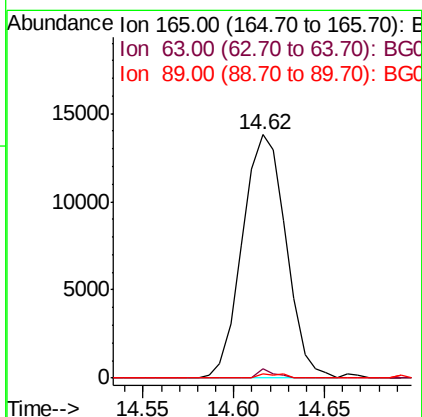
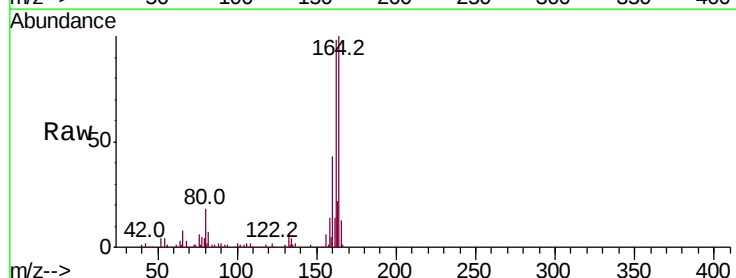
Instrument :
 BNA_G
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 PB128766BL

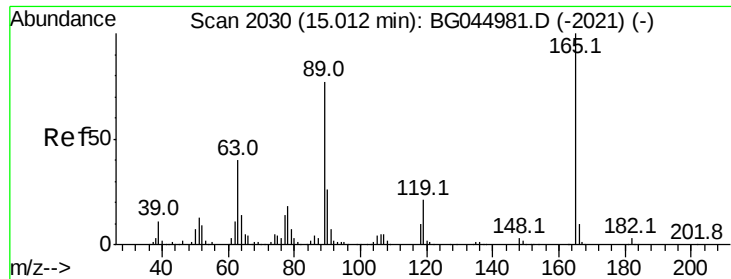
Tot Ion:	172	Resp:	991003
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	23.9	20.5	30.7



#51
 2,6-Dinitrotoluene
 Concen: 6.947 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. 0.43 min
 Lab File: BG045331.D
 Acq: 12 May 2020 16:27

Tgt Ion:	165	Resp:	23150
Ion	Ratio	Lower	Upper
165	100		
63	3.6	40.4	60.6#
89	1.7	49.1	73.7#

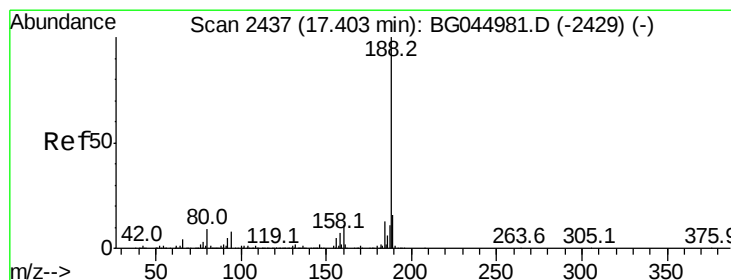
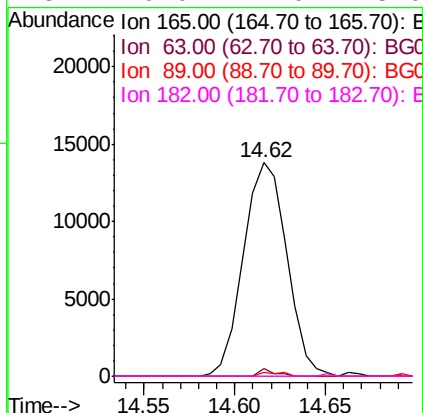
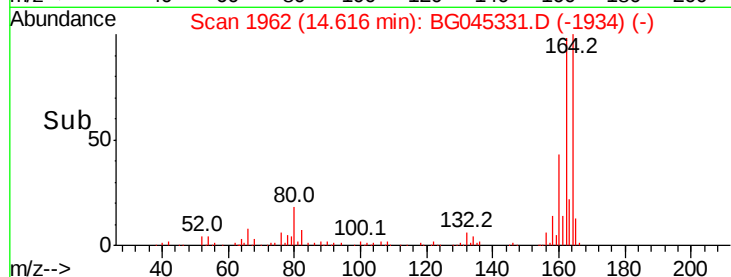
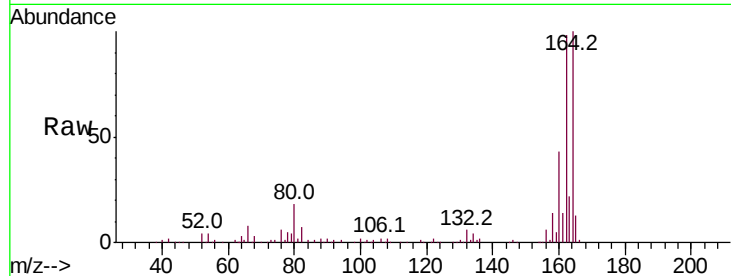




#57
 2,4-Dinitrotoluene
 Concen: 4.754 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.36 min
 Lab File: BG045331.D
 Acq: 12 May 2020 16:27

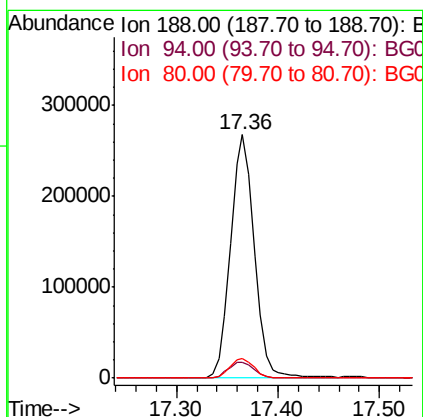
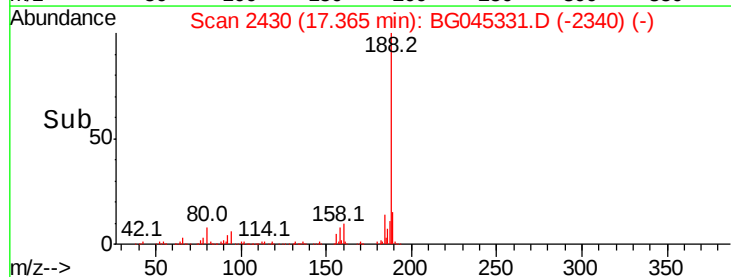
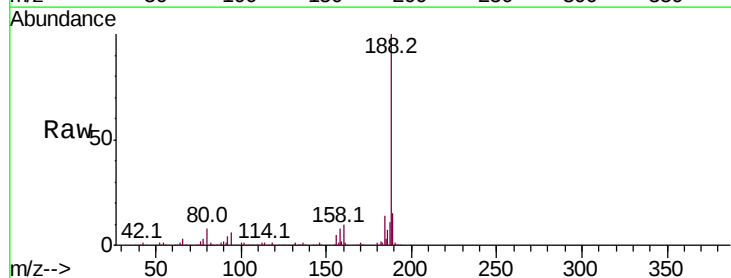
Instrument :
 BNA_G
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 PB128766BL

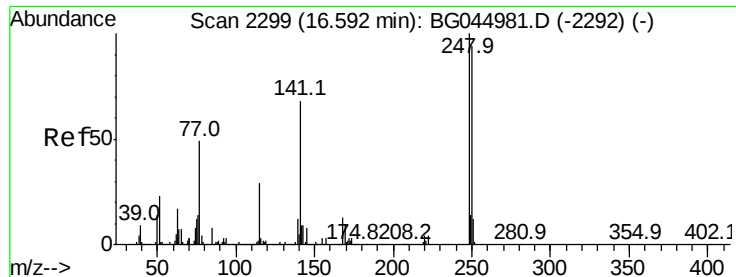
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.6	32.2	48.2#
89	1.7	61.7	92.5#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG045331.D
 Acq: 12 May 2020 16:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.2	9.4
80	8.2	7.0	10.6

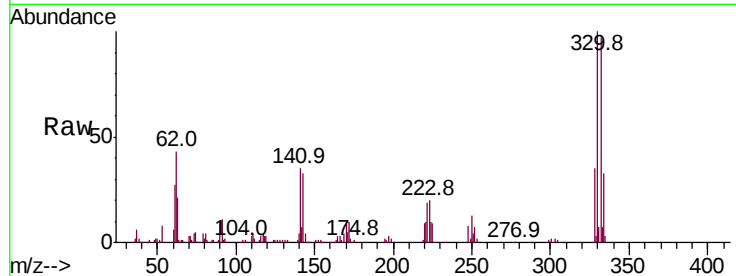




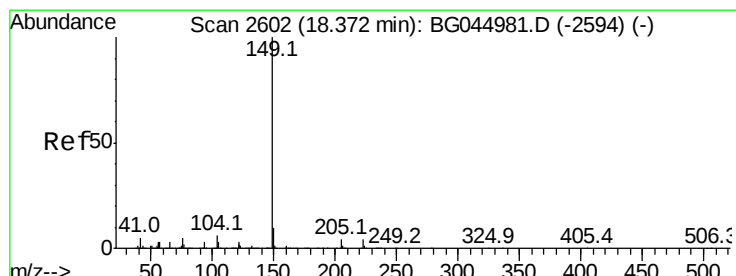
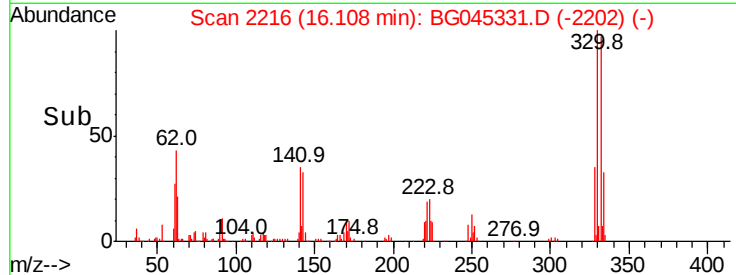
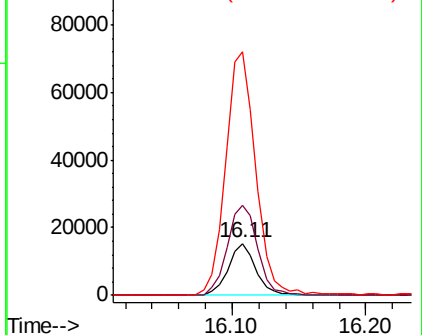
#67
 4-Bromophenyl-phenylether
 Concen: 3.979 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.45 min
 Lab File: BG045331.D
 Acq: 12 May 2020 16:27

Instrument :
 BNA_G
 ClientSampleID :
 PB128766BL

Tot Ion:248 Resp: 22395
 Ion Ratio Lower Upper
 248 100
 250 172.7 75.4 113.2#
 141 470.4 54.4 81.6#

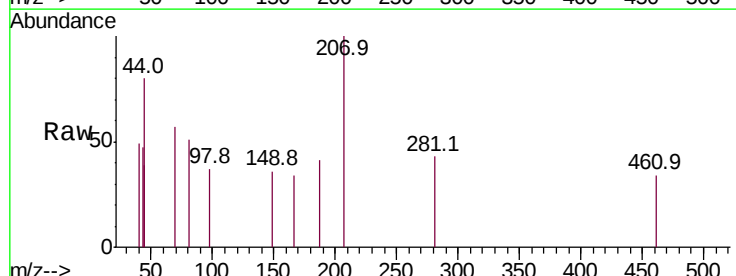


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

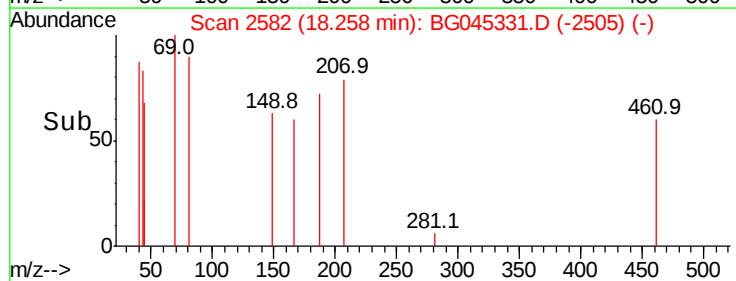
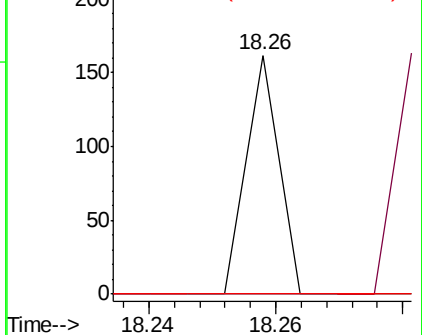


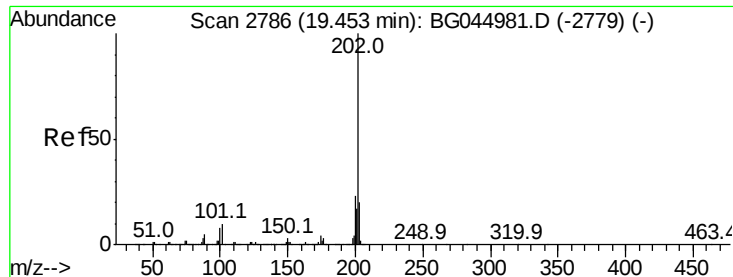
#74
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.08 min
 Lab File: BG045331.D
 Acq: 12 May 2020 16:27

Tgt Ion:149 Resp: 57
 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

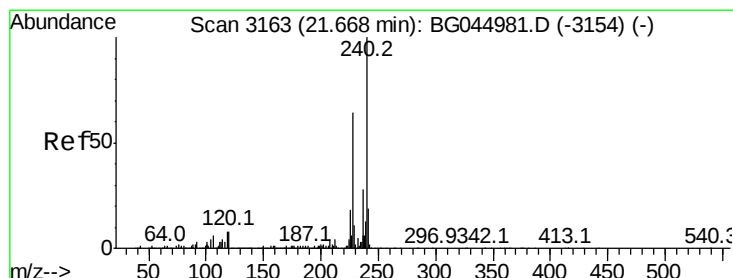
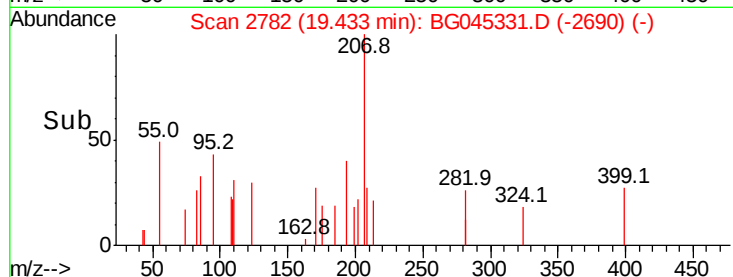
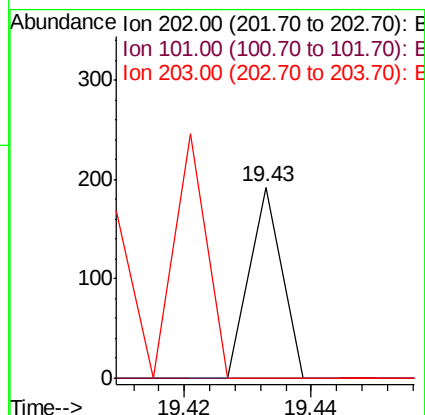
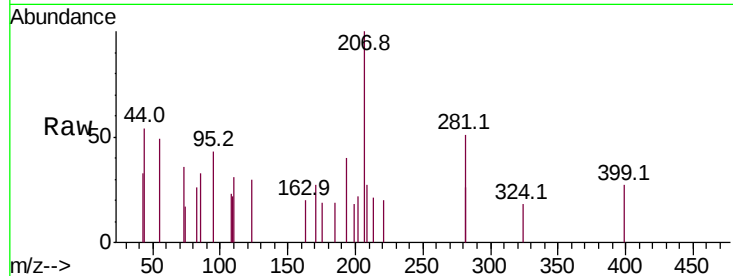




#75
Fluoranthene
Concen: Below Cal
RT: 19.43 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BG045331.D
Acq: 12 May 2020 16:27

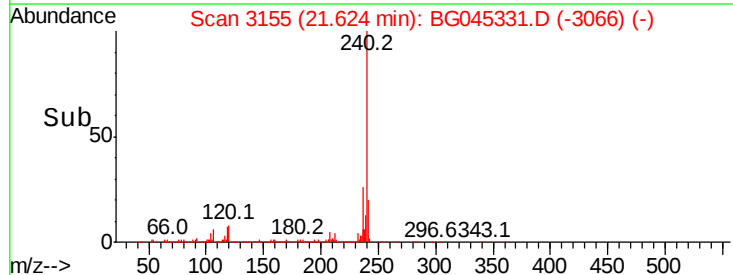
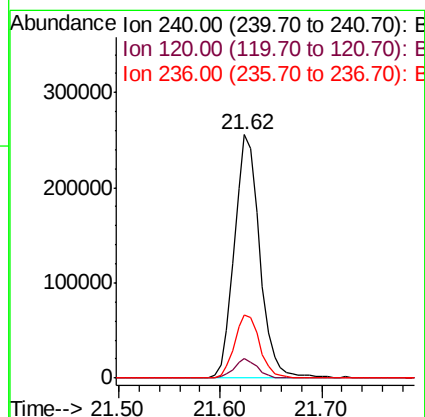
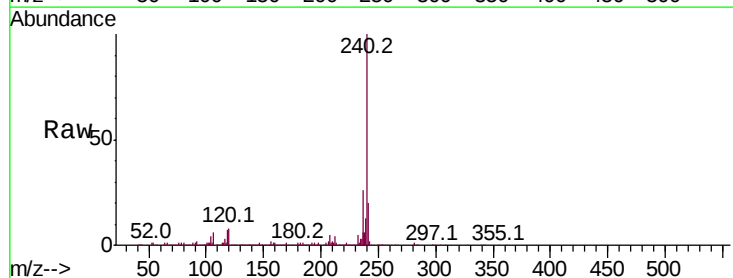
Instrument :
BNA_G
ClientSampleId :
PB128766BL

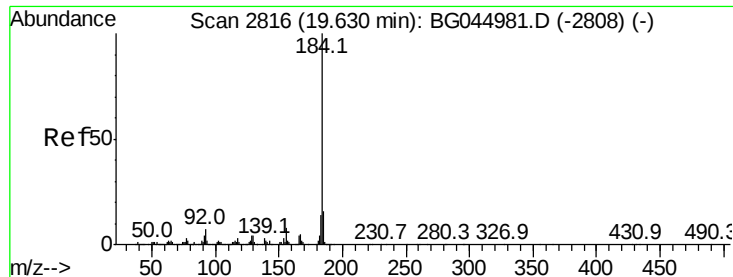
Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG045331.D
Acq: 12 May 2020 16:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.6	10.0
236	26.1	22.2	33.2





#77

Benzidine

Concen: Below Cal

RT: 19.98 min Scan# 2875

Delta R.T. 0.38 min

Lab File: BG045331.D

Acq: 12 May 2020 16:27

Instrument :

BNA_G

ClientSampleId :

PB128766BL

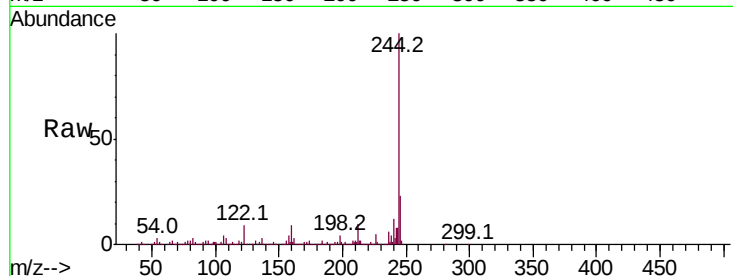
Tot Ion:184 Resp: 34994

Ion Ratio Lower Upper

184 100

185 19.5 12.6 19.0#

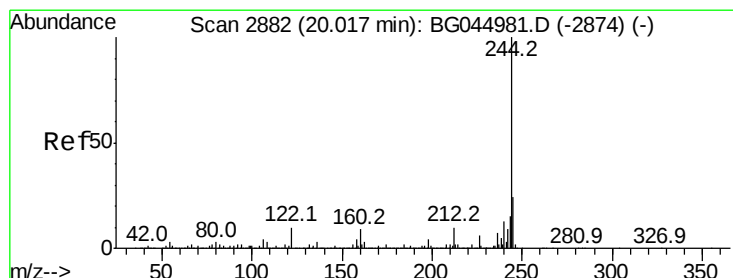
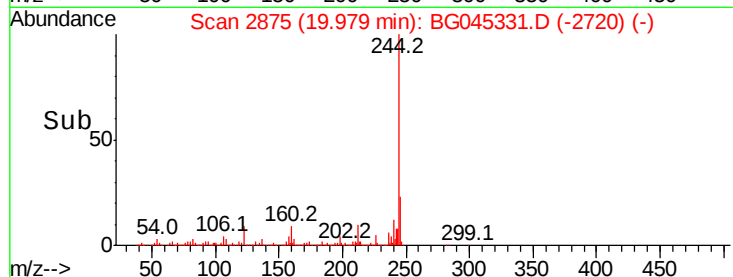
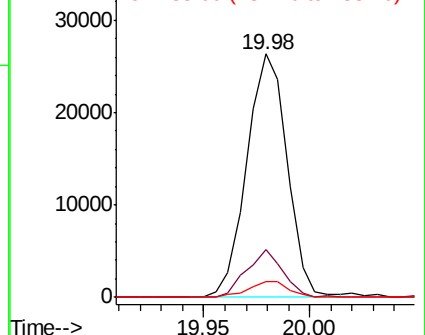
183 6.7 11.3 16.9#



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: 88.797 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045331.D

Acq: 12 May 2020 16:27

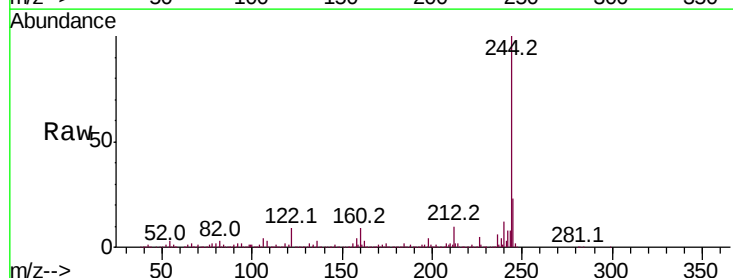
Tgt Ion:244 Resp: 1811992

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

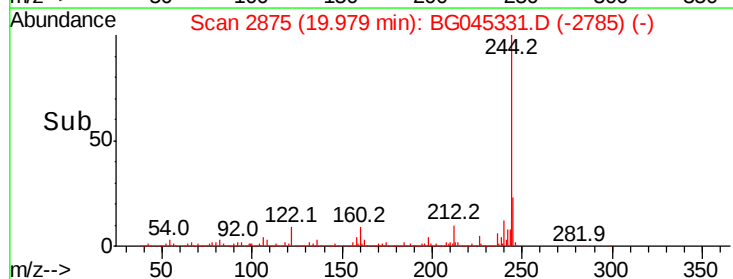
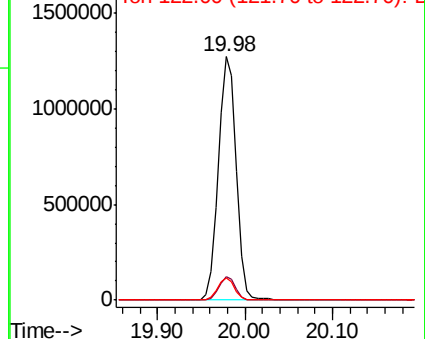
122 9.3 7.7 11.5

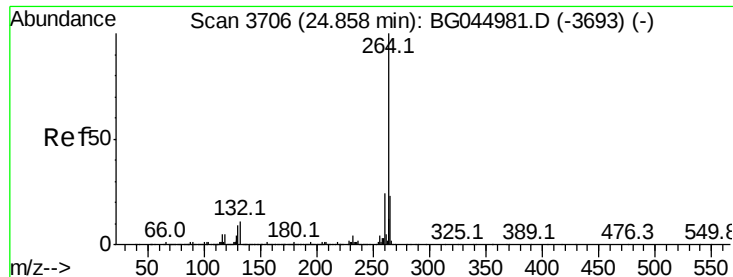


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.79 min Scan# 3694
 Delta R.T. -0.01 min
 Lab File: BG045331.D
 Acq: 12 May 2020 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB128766BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.2	19.0	28.4

