

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
 Data File : BG045575.D
 Acq On : 2 Jun 2020 12:54
 Operator : CG/JU
 Sample : L2822-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 02 14:26:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

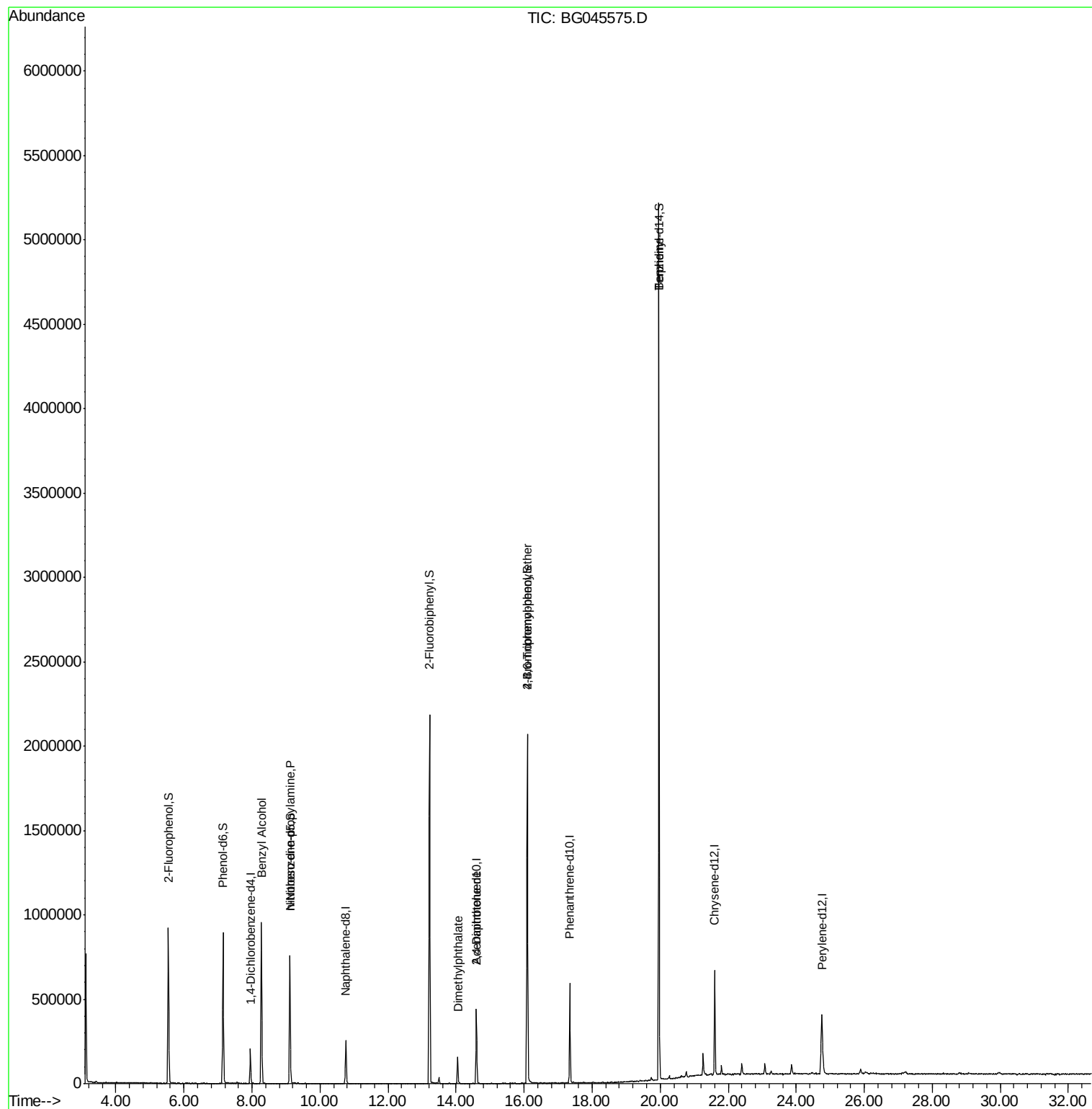
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59600	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	225745	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	160989	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	391101	20.00	ng	0.00
76) Chrysene-d12	21.60	240	393642	20.00	ng	0.00
87) Perylene-d12	24.75	264	410224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	453181	148.60	ng	0.00
7) Phenol-d6	7.15	99	603111	138.95	ng	0.00
23) Nitrobenzene-d5	9.12	82	520979	125.85	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	434089	210.84	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1231815	129.79	ng	0.00
79) Terphenyl-d14	19.97	244	2330076	138.06	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	8495	2.369	ng	# 51
19) n-Nitroso-di-n-propylamine	9.12	70	70315	23.426	ng	# 80
50) Dimethylphthalate	14.05	163	114997	10.413	ng	100
57) 2,4-Dinitrotoluene	14.60	165	21403	5.930	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	29685	7.009	ng	# 1
77) Benzidine	19.97	184	47049	4.256	ng	# 90

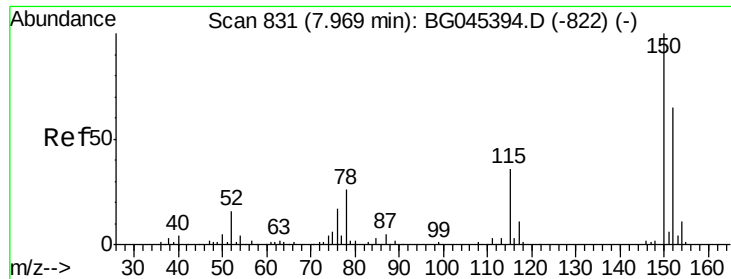
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration



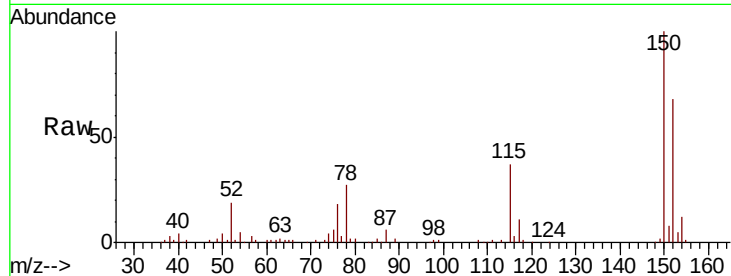


#1

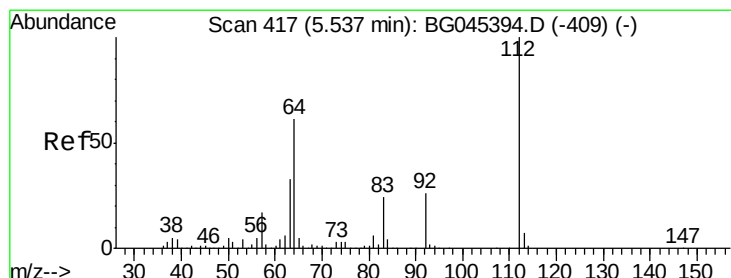
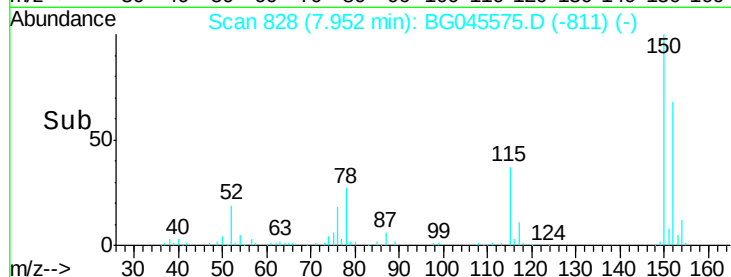
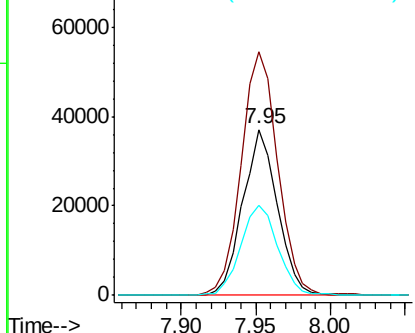
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045575.D
Acq: 2 Jun 2020 12:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59600
Ion Ratio Lower Upper
152 100
150 147.0 122.4 183.6
115 54.1 44.2 66.4



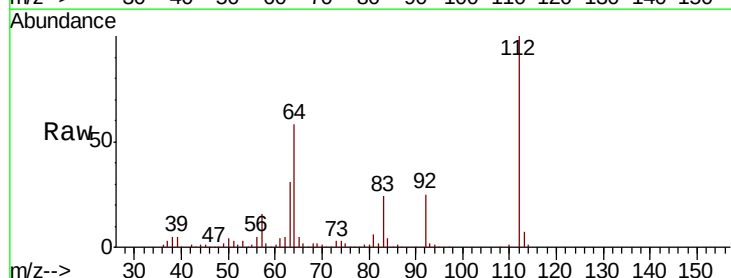
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



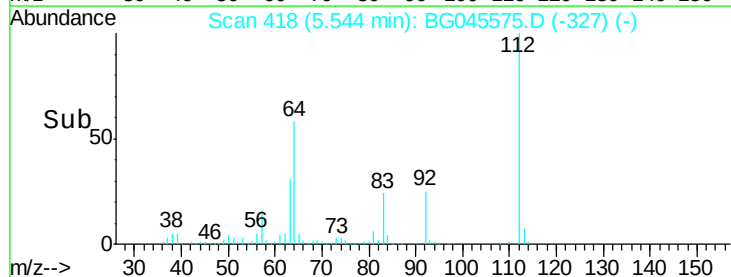
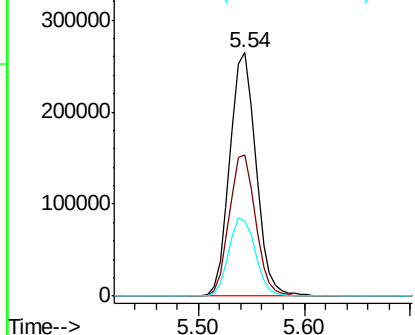
#5

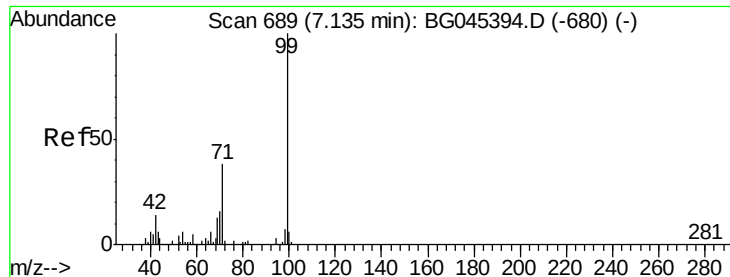
2-Fluorophenol
Concen: 148.599 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045575.D
Acq: 2 Jun 2020 12:54

Tgt Ion:112 Resp: 453181
Ion Ratio Lower Upper
112 100
64 57.9 48.6 72.8
63 30.6 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG045575.D (-327) (-)
Ion 63.00 (62.70 to 63.70): BG045575.D (-327) (-)





#7

Phenol-d6

Concen: 138.946 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045575.D

Acq: 2 Jun 2020 12:54

Instrument :

BNA_G

ClientSampleId :

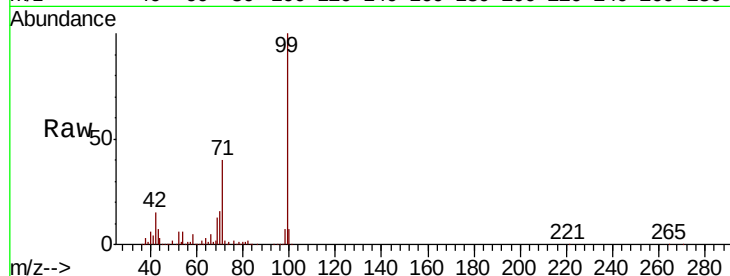
Tot Ion: 99 Resp: 603111

Ion Ratio Lower Upper

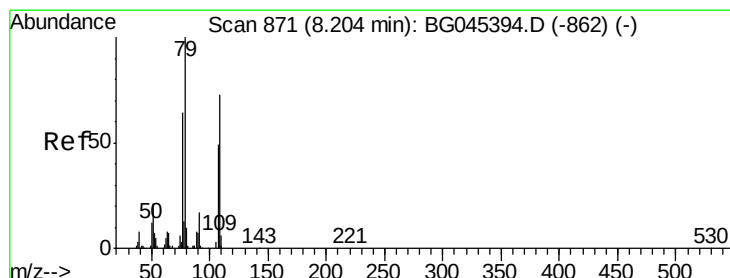
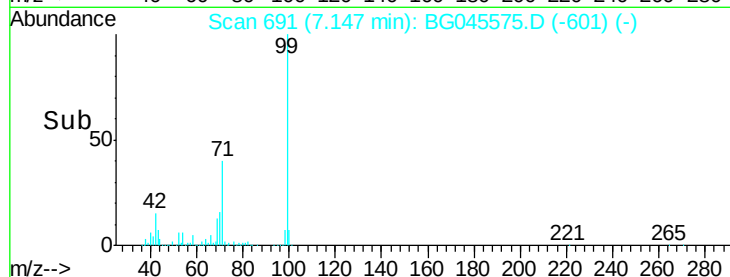
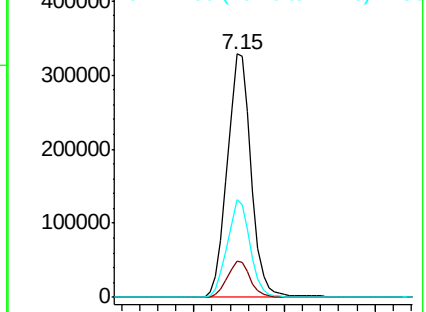
99 100

42 15.1 11.3 16.9

71 39.9 30.8 46.2



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



#15

Benzyl Alcohol

Concen: 2.369 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045575.D

Acq: 2 Jun 2020 12:54

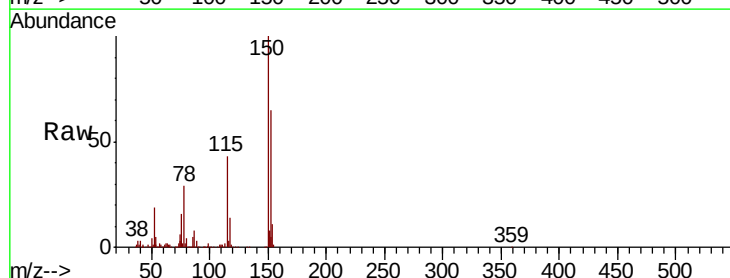
Tgt Ion: 79 Resp: 8495

Ion Ratio Lower Upper

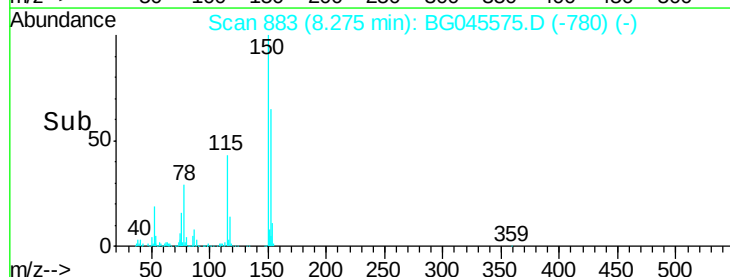
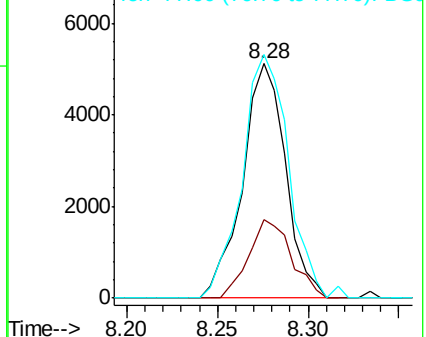
79 100

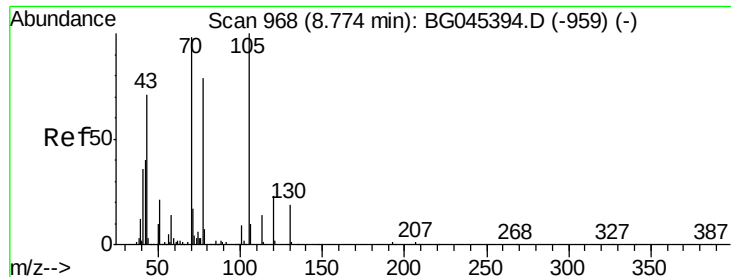
108 33.7 58.2 87.4#

77 103.8 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

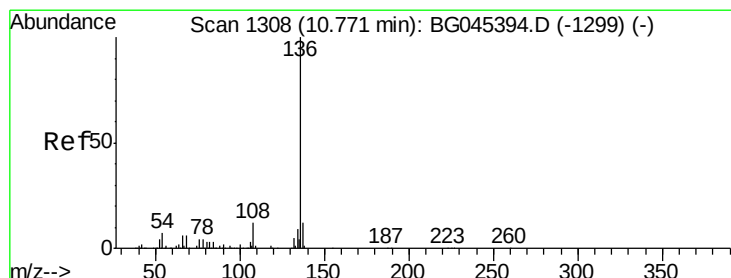
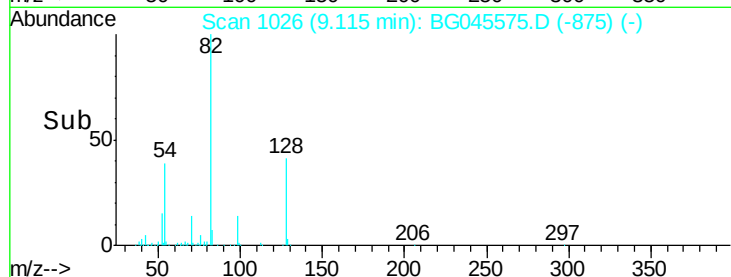
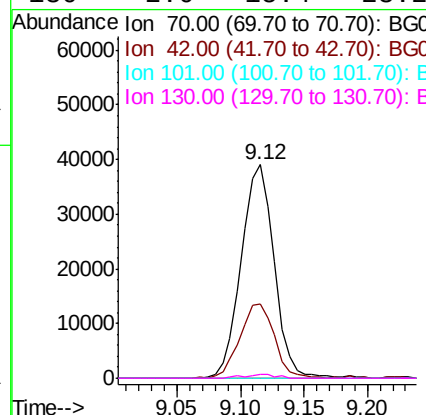
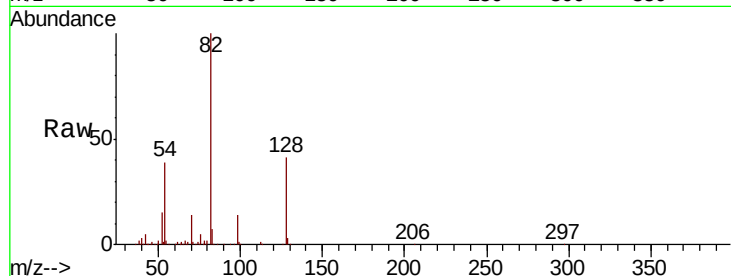




#19
n-Nitroso-di-n-propylamine
Concen: 23.426 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BG045575.D
Acq: 2 Jun 2020 12:54

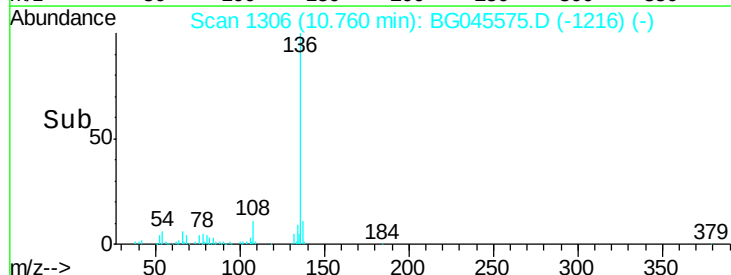
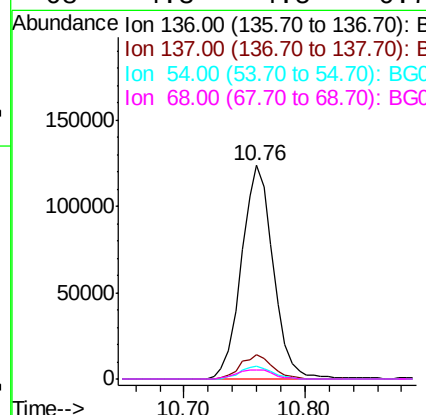
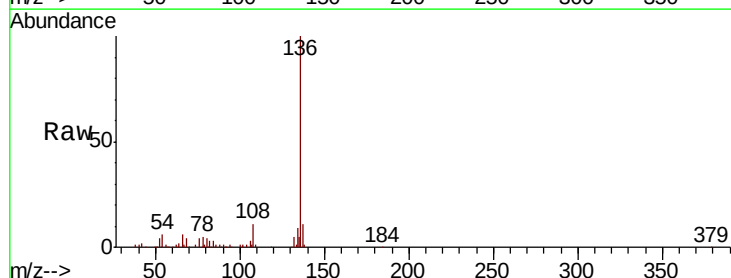
Instrument :
BNA_G
ClientSampleId :

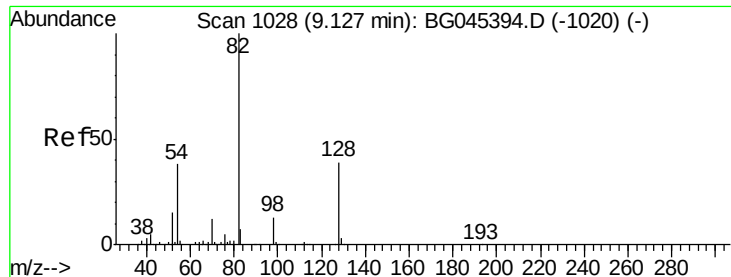
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	34.8	33.2	49.8	
101	0.0	7.8	11.6	#
130	2.0	15.4	23.2	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045575.D
Acq: 2 Jun 2020 12:54

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.5	9.4	14.2	
54	6.2	5.8	8.6	
68	4.3	4.5	6.7	#

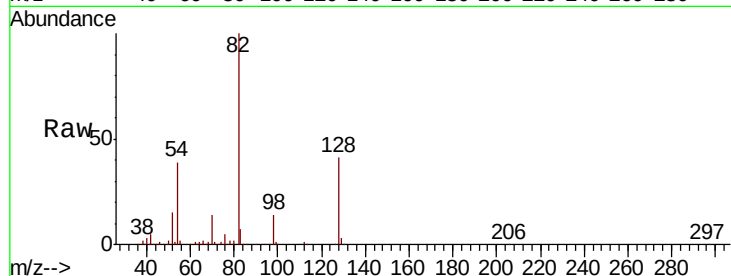




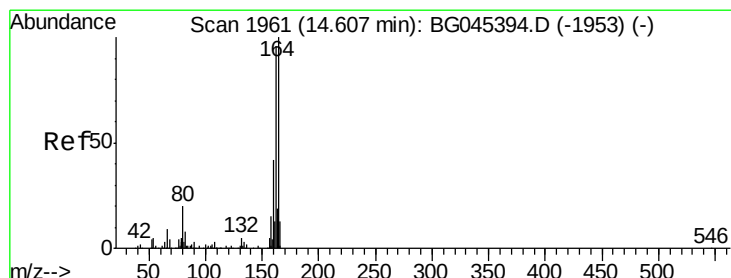
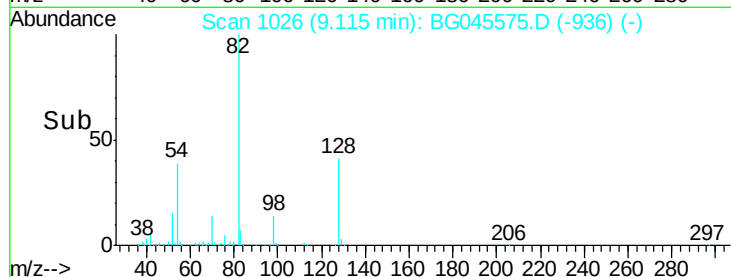
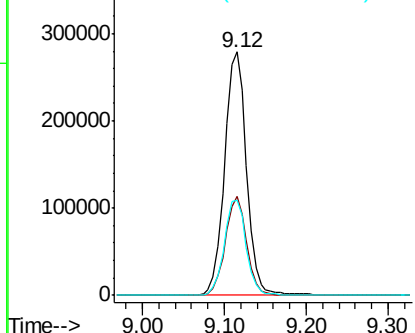
#23
 Nitrobenzene-d5
 Concen: 125.849 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045575.D
 Acq: 2 Jun 2020 12:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	520979
Ion Ratio	Lower	Upper	
82	100		
128	40.6	30.9	46.3
54	39.3	30.3	45.5

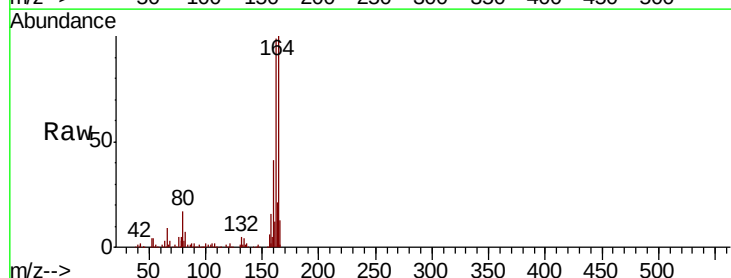


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

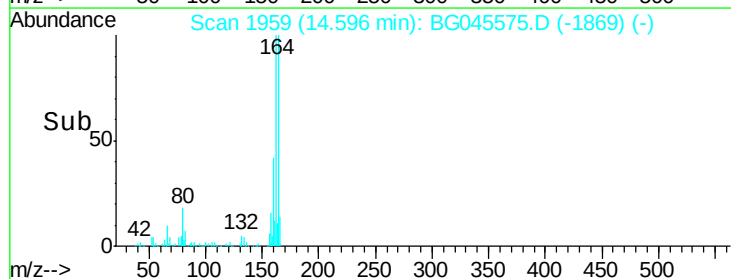
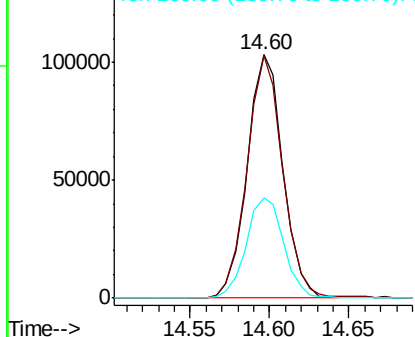


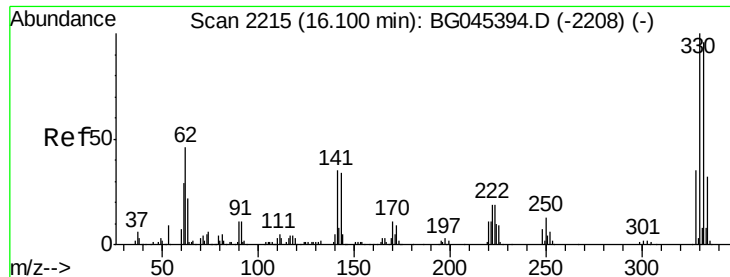
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045575.D
 Acq: 2 Jun 2020 12:54

Tgt Ion	164	Resp	160989
Ion Ratio	Lower	Upper	
164	100		
162	99.3	76.9	115.3
160	41.2	33.8	50.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 210.839 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045575.D

Acq: 2 Jun 2020 12:54

Instrument :

BNA_G

ClientSampleId :

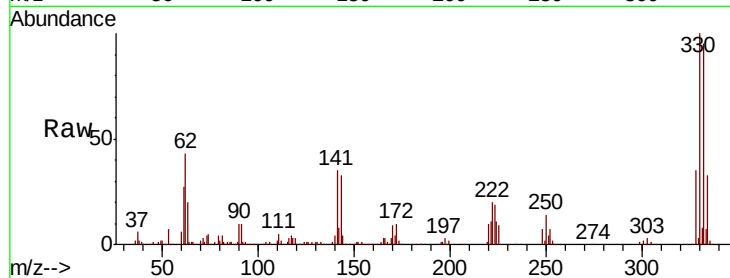
Tot Ion:330 Resp: 434089

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

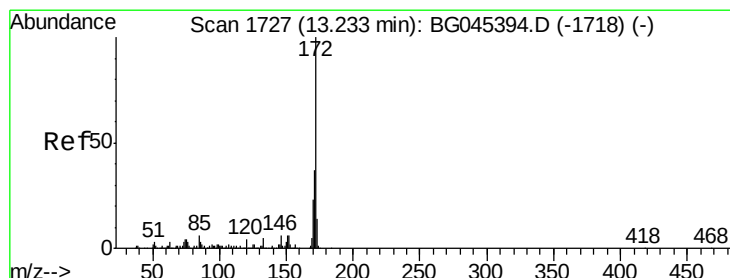
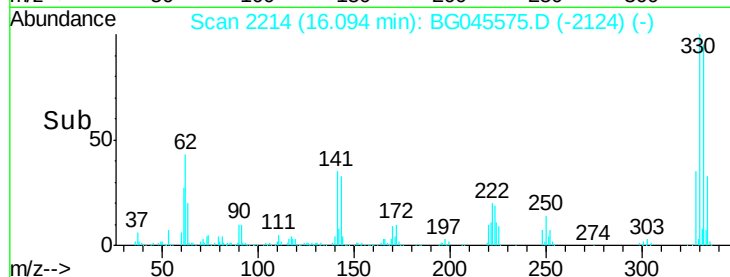
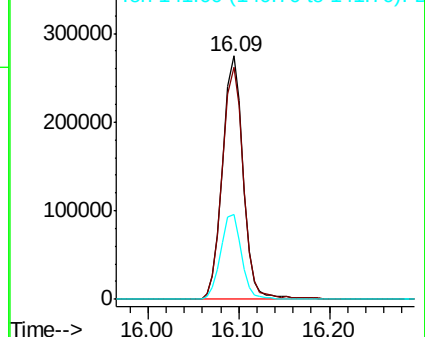
141 35.3 28.2 42.4



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: 129.786 ng

RT: 13.22 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BG045575.D

Acq: 2 Jun 2020 12:54

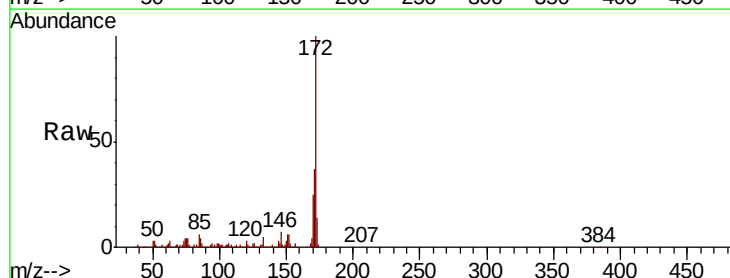
Tgt Ion:172 Resp: 1231815

Ion Ratio Lower Upper

172 100

171 37.3 29.5 44.3

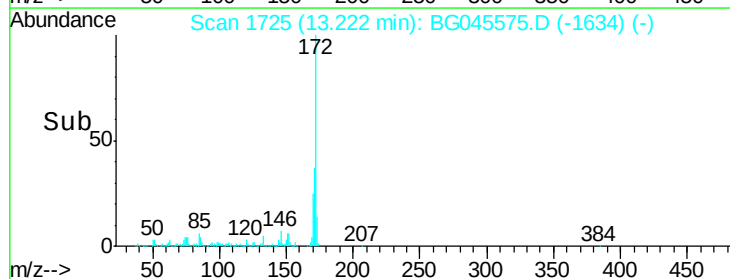
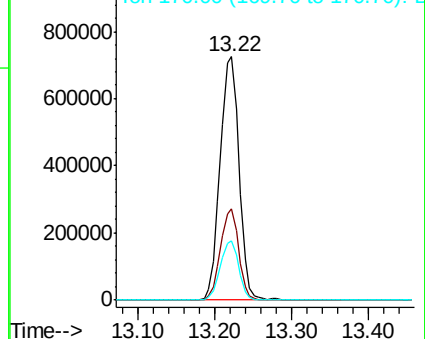
170 24.5 18.5 27.7

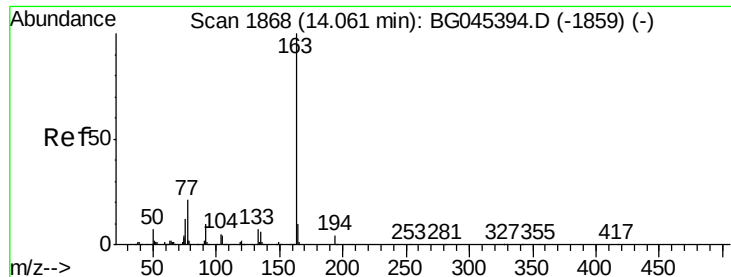


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

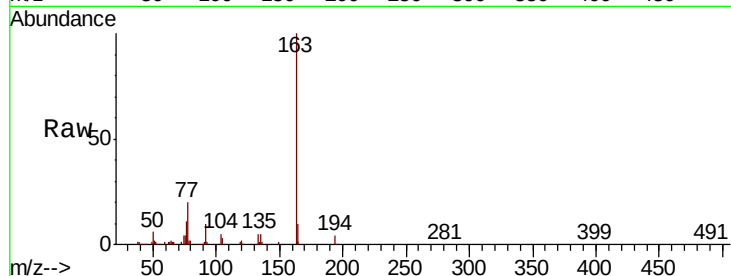




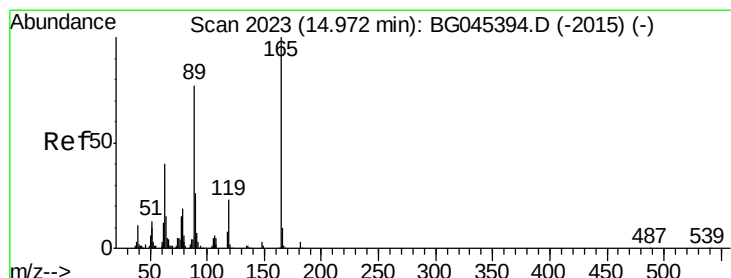
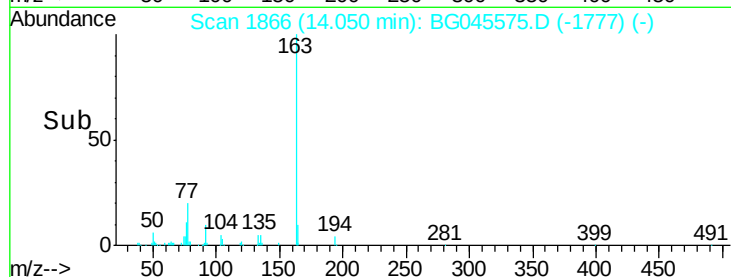
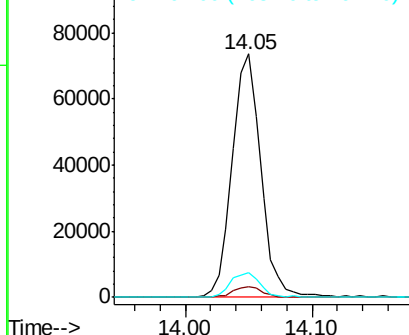
#50
Dimethylphthalate
Concen: 10.413 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045575.D
Acq: 2 Jun 2020 12:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.3	8.3	12.5

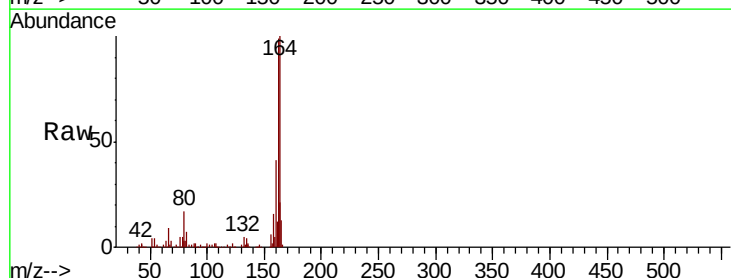


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

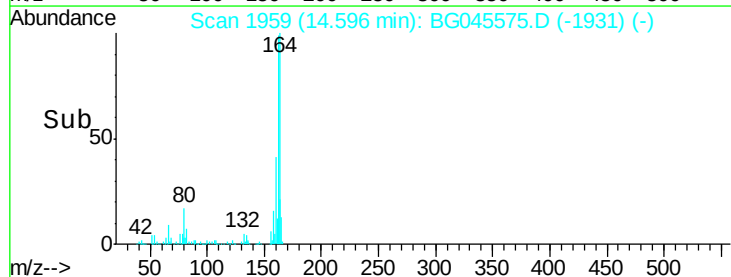
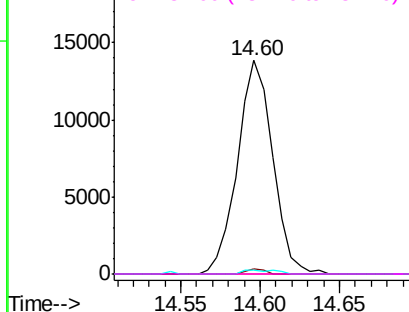


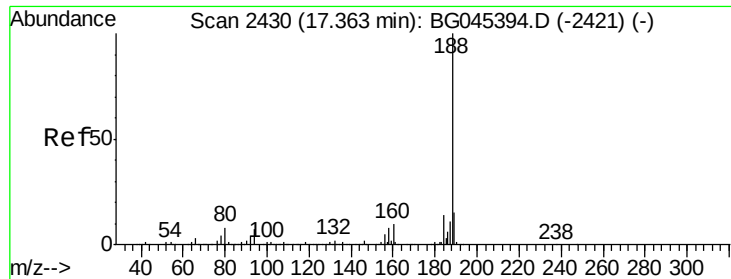
#57
2,4-Dinitrotoluene
Concen: 5.930 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.36 min
Lab File: BG045575.D
Acq: 2 Jun 2020 12:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	32.5	48.7#
89	1.7	61.8	92.6#
182	0.0	2.3	3.5#



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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045575.D

Acq: 2 Jun 2020 12:54

Instrument :

BNA_G

ClientSampleId :

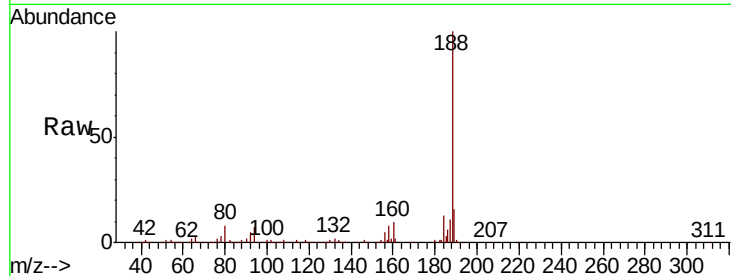
Tot Ion:188 Resp: 391101

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

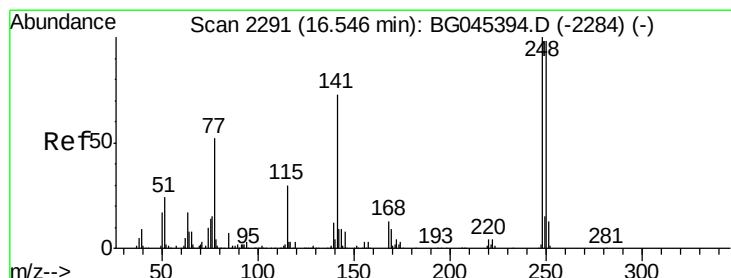
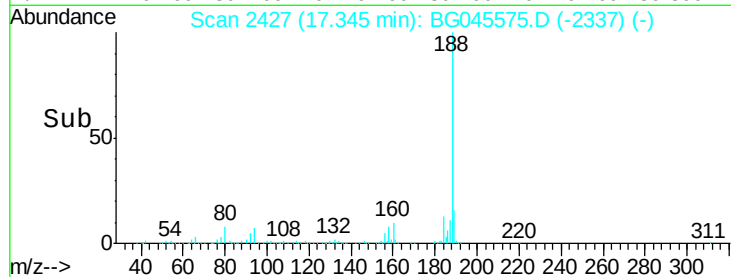
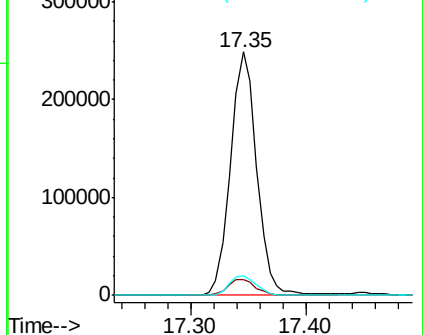
80 8.0 6.6 10.0



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: 7.009 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.44 min

Lab File: BG045575.D

Acq: 2 Jun 2020 12:54

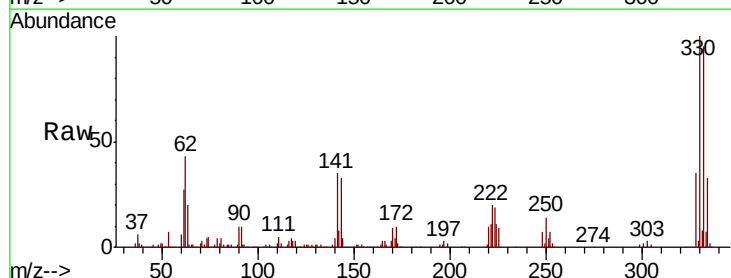
Tgt Ion:248 Resp: 29685

Ion Ratio Lower Upper

248 100

250 202.0 78.6 117.8#

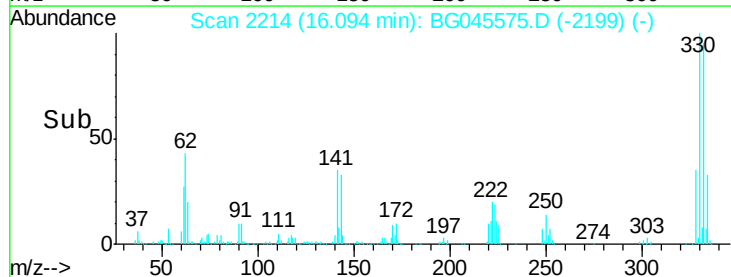
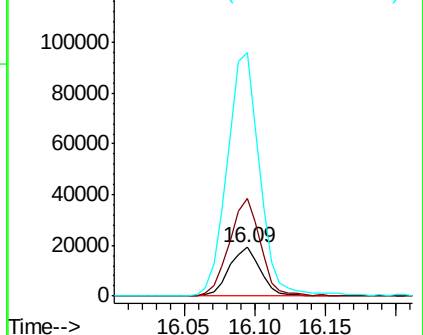
141 500.6 58.2 87.2#

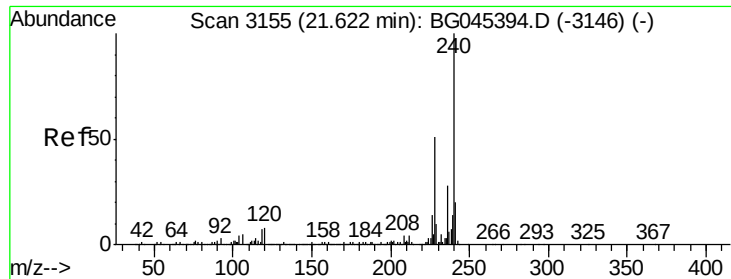


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

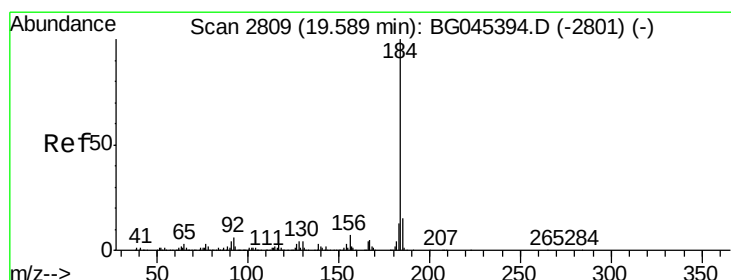
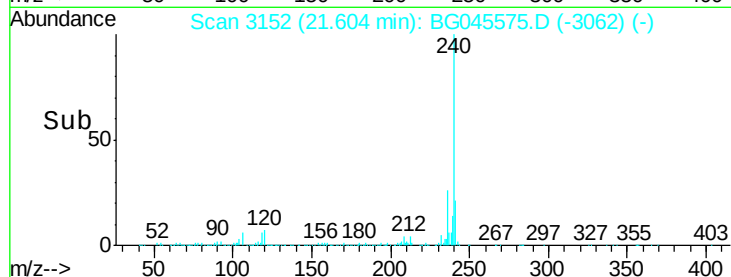
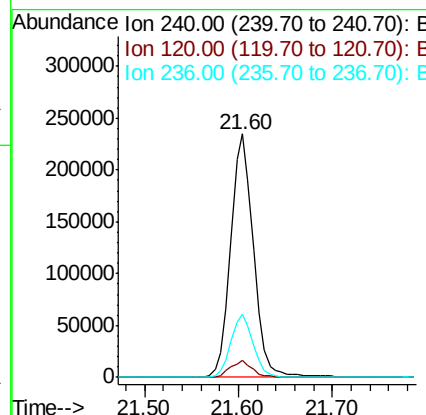
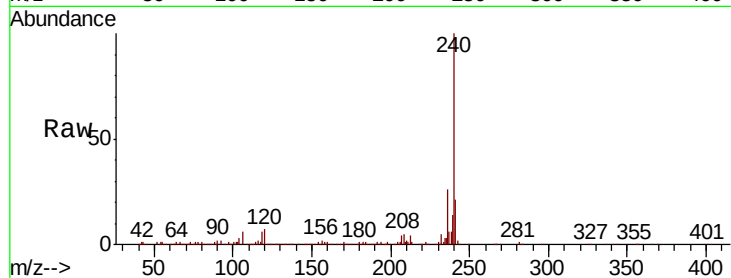




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045575.D
Acq: 2 Jun 2020 12:54

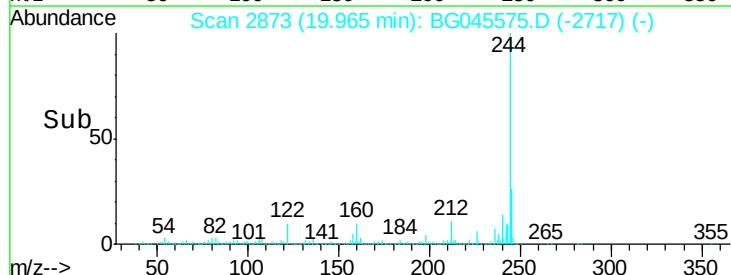
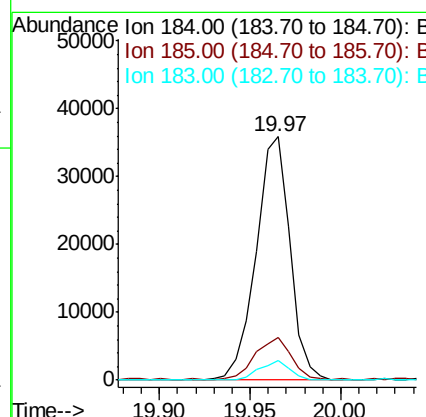
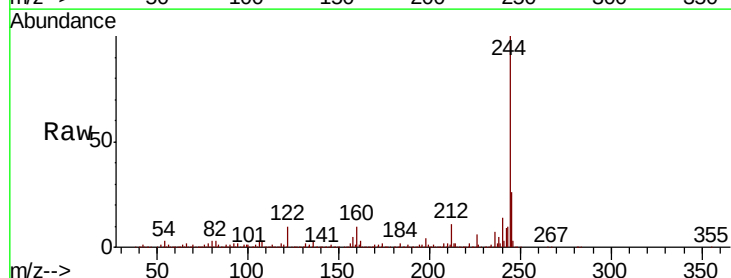
Instrument :
BNA_G
ClientSampleId :

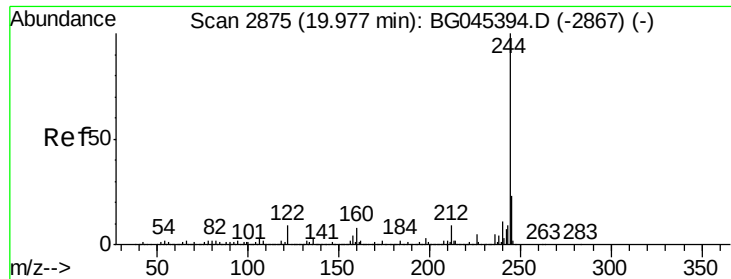
Tot Ion:240 Resp: 393642
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 26.2 22.3 33.5



#77
Benzidine
Concen: 4.256 ng
RT: 19.97 min Scan# 2873
Delta R.T. 0.39 min
Lab File: BG045575.D
Acq: 2 Jun 2020 12:54

Tgt Ion:184 Resp: 47049
Ion Ratio Lower Upper
184 100
185 17.7 11.7 17.5#
183 8.1 10.2 15.4#





#79

Terphenyl-d14

Concen: 138.055 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045575.D

Acq: 2 Jun 2020 12:54

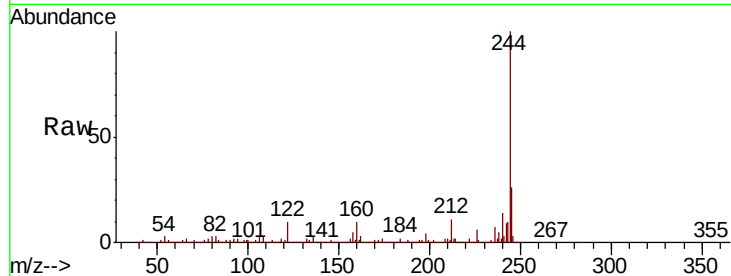
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2330076

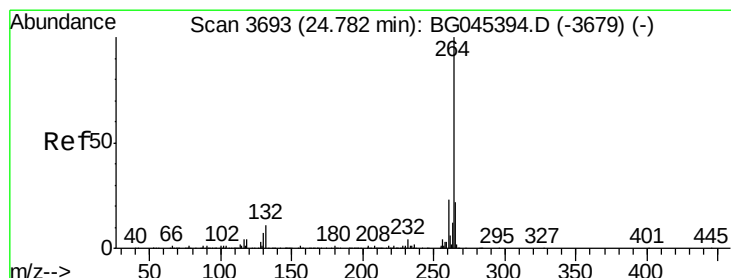
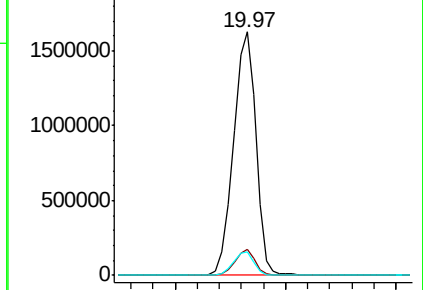
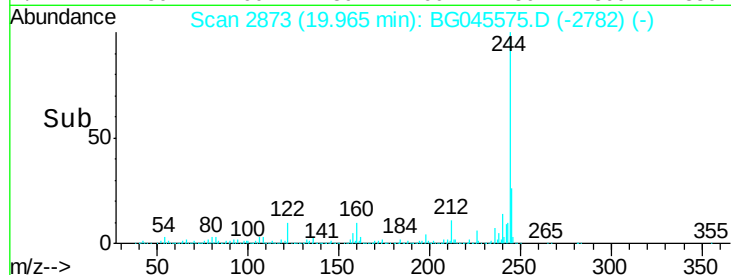
Ion	Ratio	Lower	Upper
244	100		
212	10.9	7.4	11.0
122	9.6	6.8	10.2



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: 24.75 min Scan# 3688

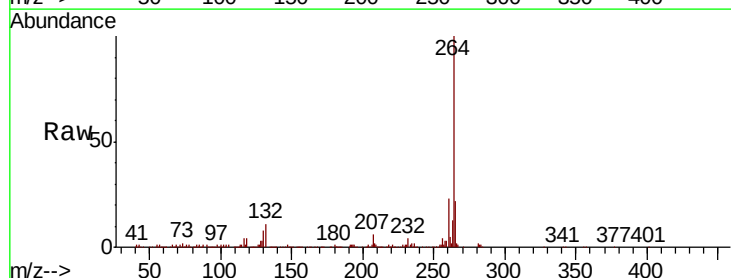
Delta R.T. 0.00 min

Lab File: BG045575.D

Acq: 2 Jun 2020 12:54

Tgt Ion:264 Resp: 410224

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.8	17.6	26.4



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

