

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045712.D
 Acq On : 11 Jun 2020 7:24
 Operator : CG/JU
 Sample : L2887-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-25606

Quant Time: Jun 11 08:13:01 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

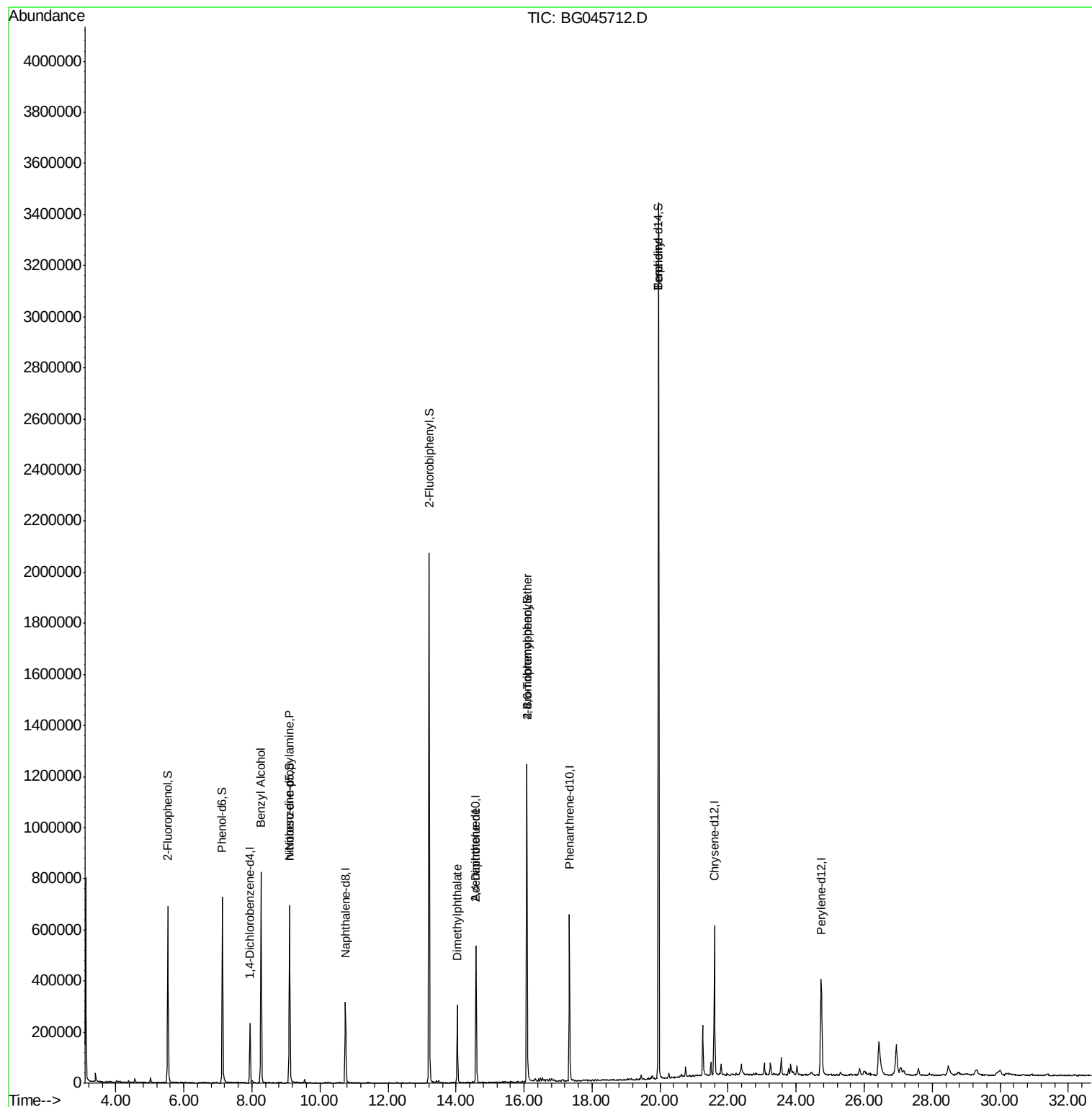
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67813	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	283217	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	200506	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	413768	20.00	ng	0.00
76) Chrysene-d12	21.59	240	394535	20.00	ng	0.00
87) Perylene-d12	24.74	264	439153	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	334244	96.33	ng	0.00
7) Phenol-d6	7.13	99	472896	95.75	ng	-0.01
23) Nitrobenzene-d5	9.11	82	478555	92.14	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	259275	101.11	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1126069	95.26	ng	0.00
79) Terphenyl-d14	19.96	244	1676704	99.12	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	8194	2.008	ng	# 49
19) n-Nitroso-di-n-propylamine	9.11	70	67534	19.774	ng	# 81
50) Dimethylphthalate	14.04	163	203217	14.775	ng	# 99
57) 2,4-Dinitrotoluene	14.59	165	26034	5.792	ng	# 23
67) 4-Bromophenyl-phenylether	16.08	248	17409	3.886	ng	# 1
77) Benzidine	19.96	184	34251	3.091	ng	# 92

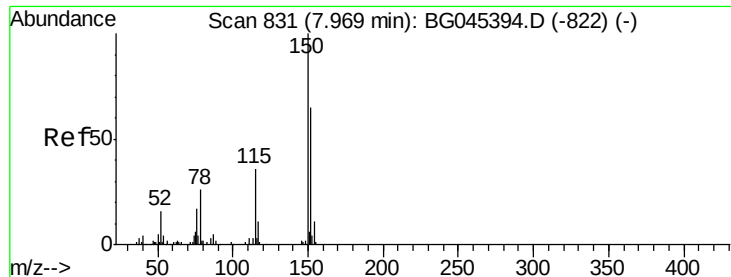
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



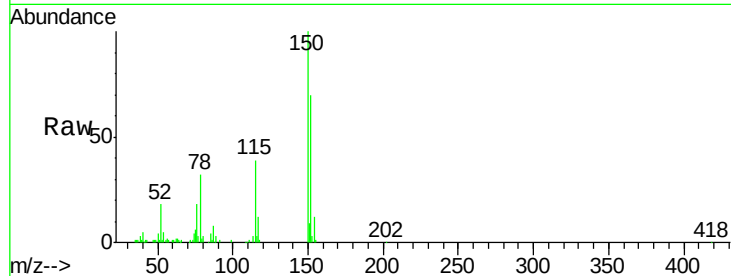


#1

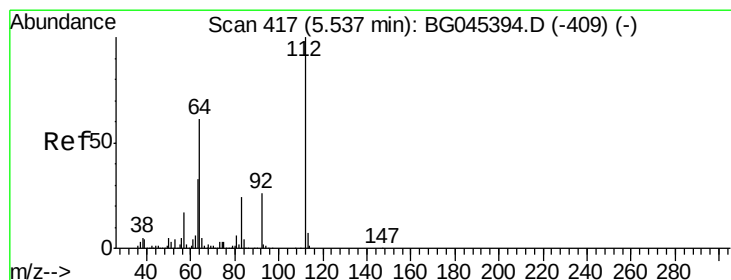
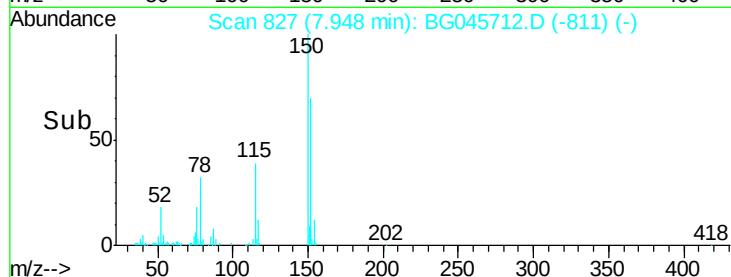
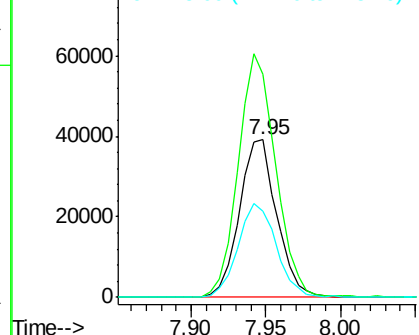
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045712.D
Acq: 11 Jun 2020 7:24

Instrument :
BNA_G
ClientSampleId :
CHRT-25606

Tot Ion:152 Resp: 67813
Ion Ratio Lower Upper
152 100
150 142.0 122.4 183.6
115 55.2 44.2 66.4



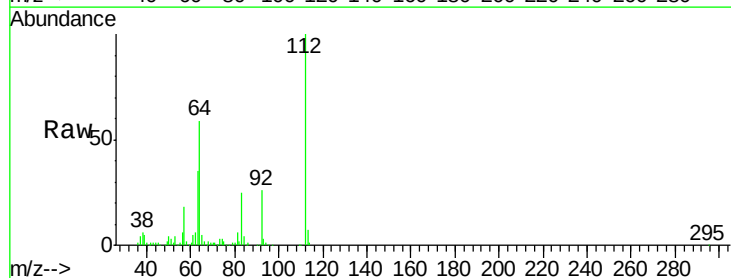
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



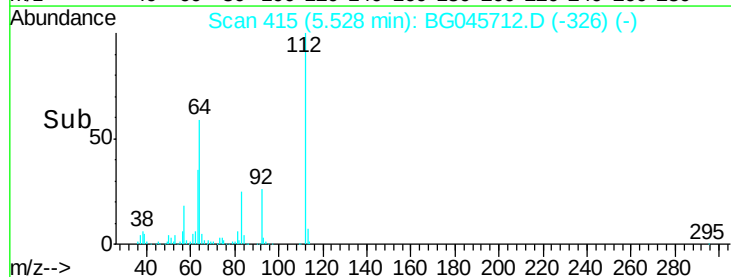
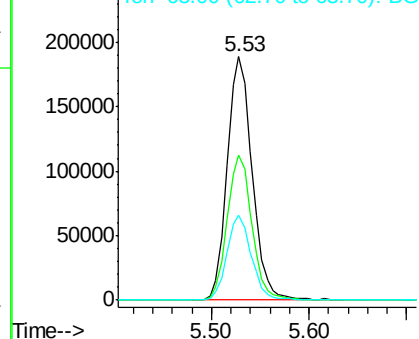
#5

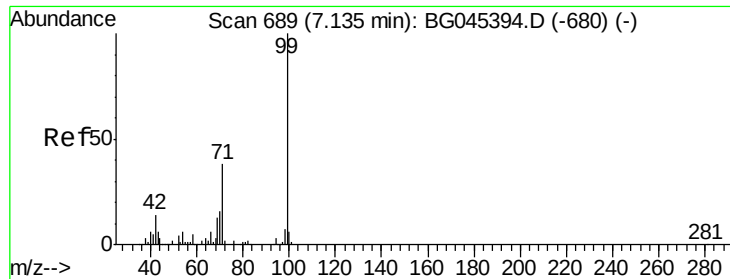
2-Fluorophenol
Concen: 96.325 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045712.D
Acq: 11 Jun 2020 7:24

Tgt Ion:112 Resp: 334244
Ion Ratio Lower Upper
112 100
64 59.4 48.6 72.8
63 34.9 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.752 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045712.D

Acq: 11 Jun 2020 7:24

Instrument :

BNA_G

ClientSampleId :

CHRT-25606

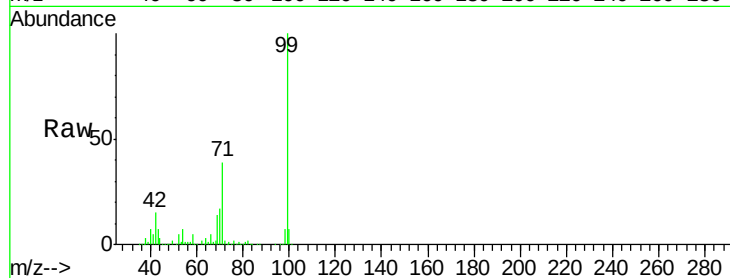
Tot Ion: 99 Resp: 472896

Ion Ratio Lower Upper

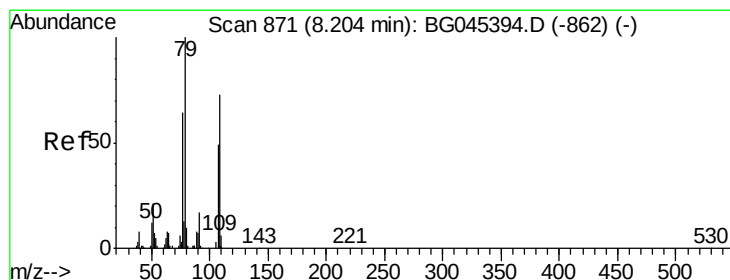
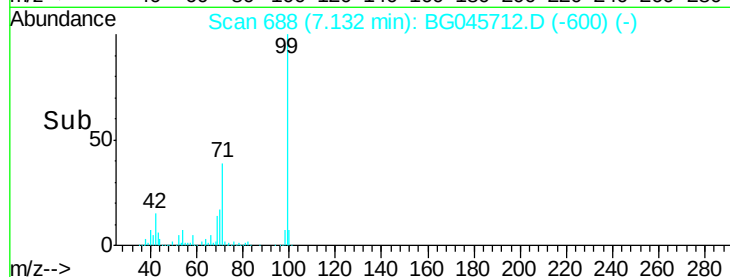
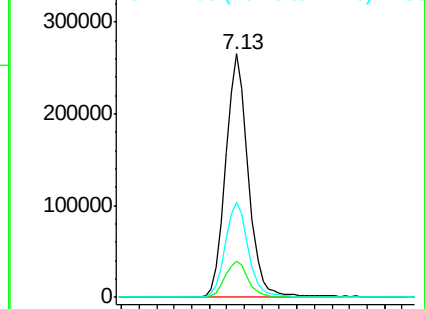
99 100

42 15.1 11.3 16.9

71 39.3 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: 2.008 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045712.D

Acq: 11 Jun 2020 7:24

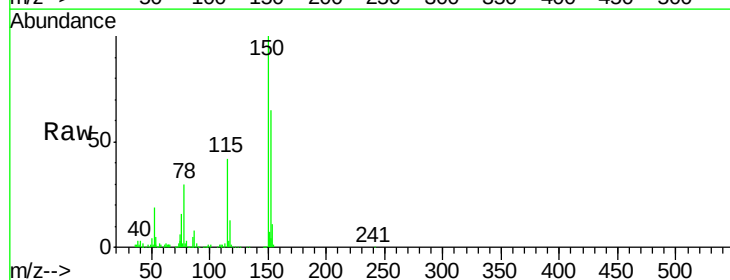
Tgt Ion: 79 Resp: 8194

Ion Ratio Lower Upper

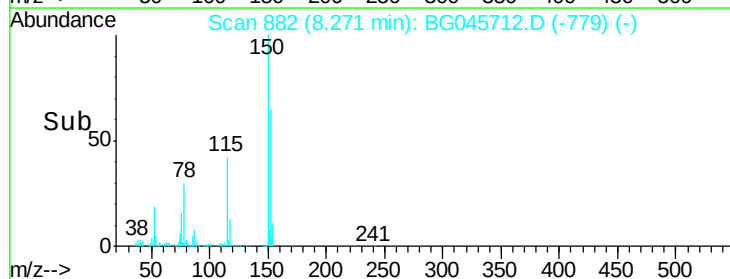
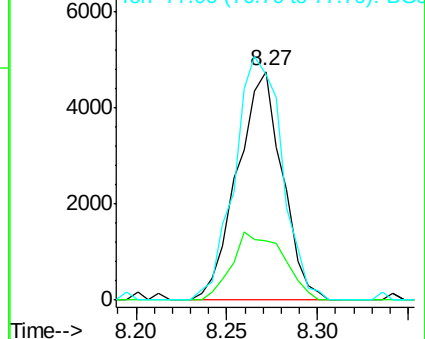
79 100

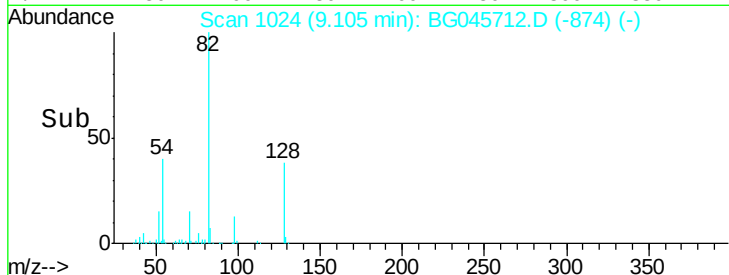
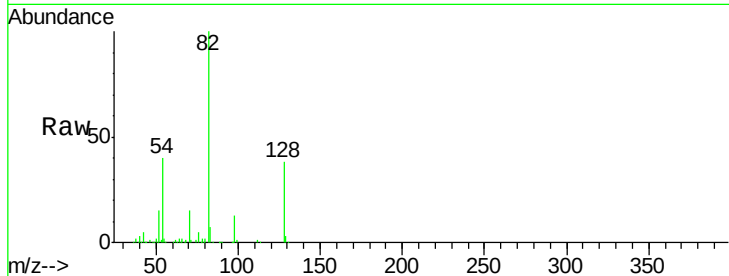
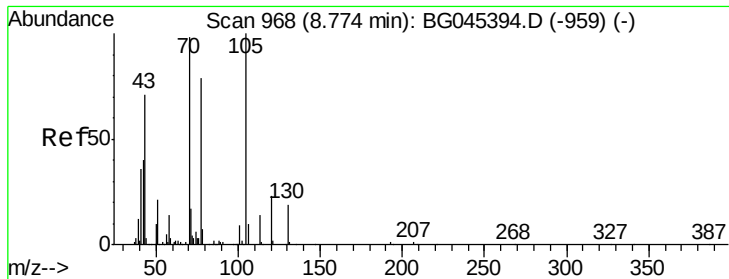
108 25.9 58.2 87.4#

77 98.9 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

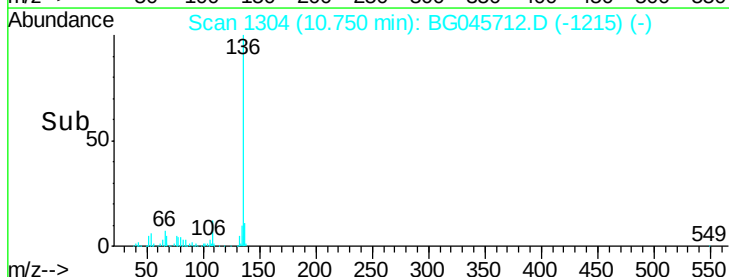
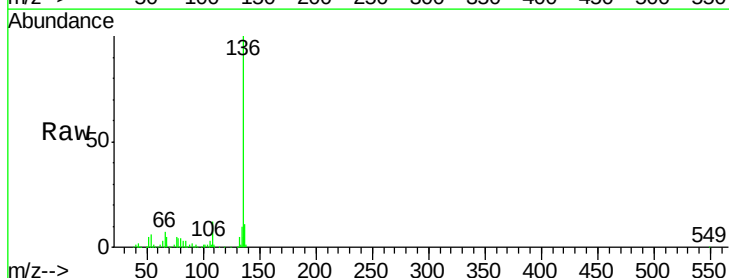
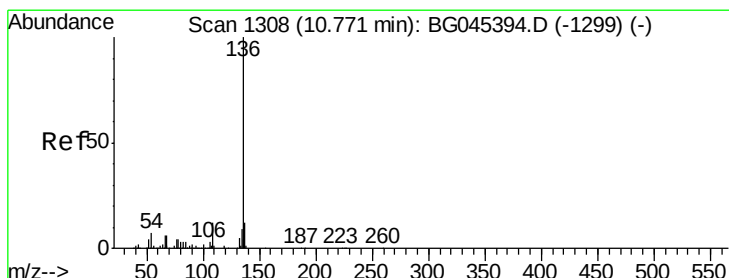
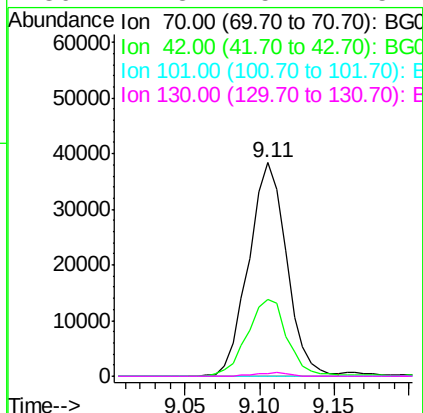




#19
n-Nitroso-di-n-propylamine
Concen: 19.774 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.35 min
Lab File: BG045712.D
Acq: 11 Jun 2020 7:24

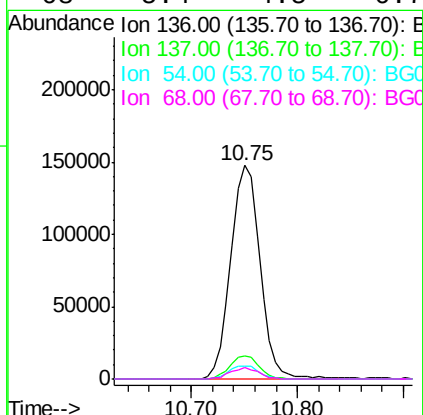
Instrument :
BNA_G
ClientSampleId :
CHRT-25606

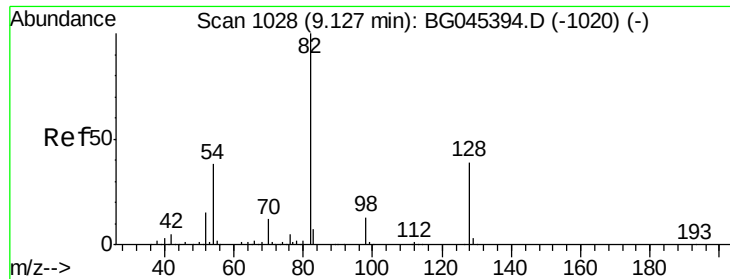
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	36.2	33.2	49.8	
101	0.0	7.8	11.6	#
130	1.3	15.4	23.2	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045712.D
Acq: 11 Jun 2020 7:24

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.9	9.4	14.2	
54	6.0	5.8	8.6	
68	5.4	4.5	6.7	

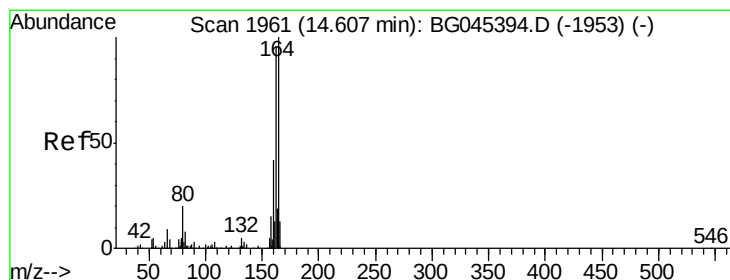
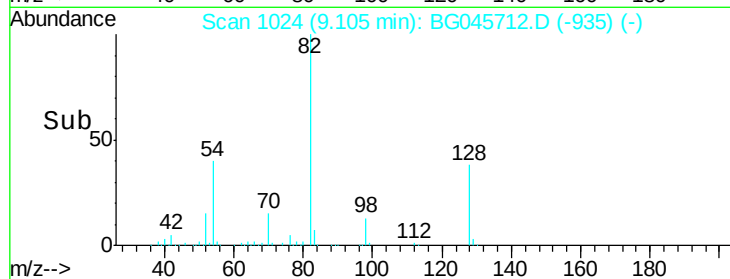
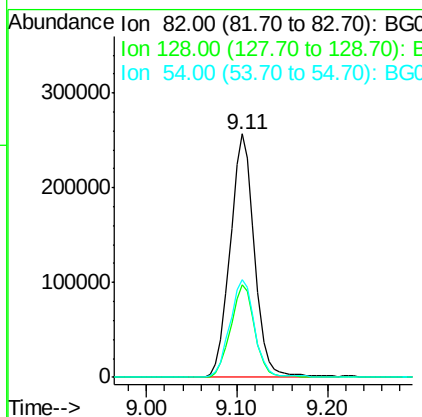
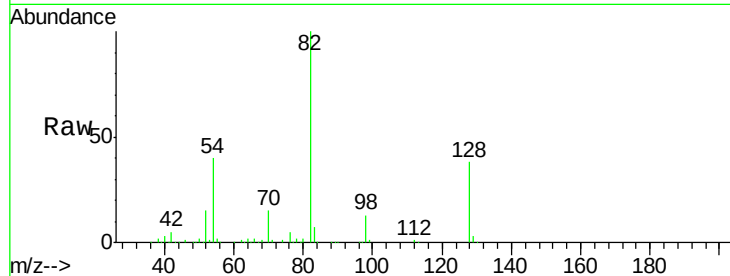




#23
 Nitrobenzene-d5
 Concen: 92.143 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045712.D
 Acq: 11 Jun 2020 7:24

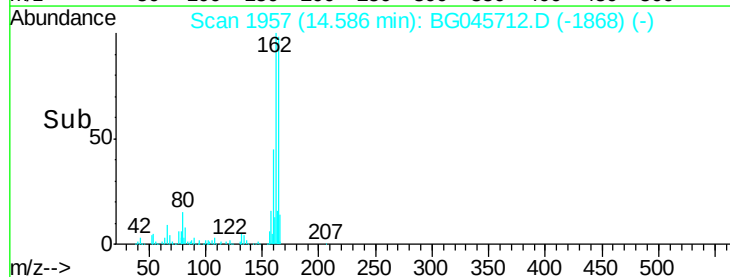
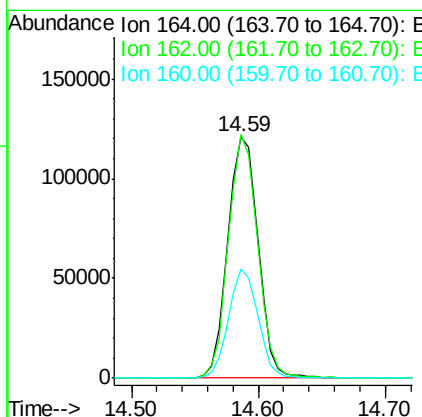
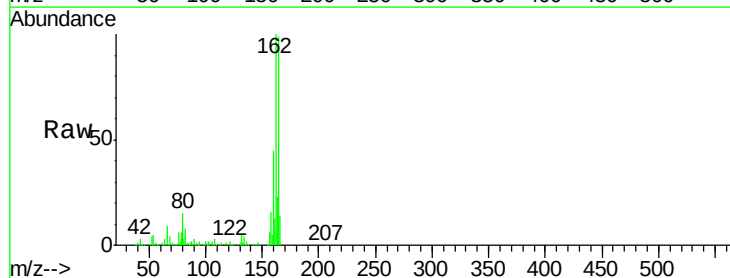
Instrument :
 BNA_G
 ClientSampleId :
 CHRT-25606

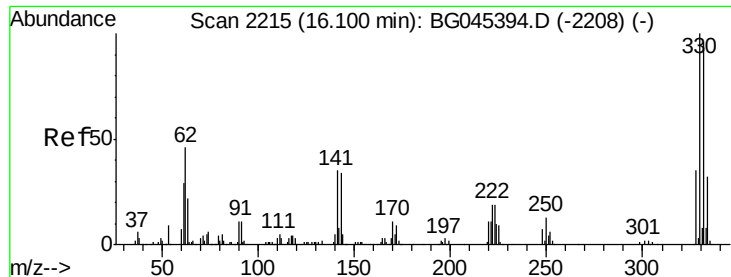
Tot Ion	82	Resp	478555
Ion Ratio	Lower	Upper	
82	100		
128	38.0	30.9	46.3
54	40.3	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG045712.D
 Acq: 11 Jun 2020 7:24

Tgt Ion	164	Resp	200506
Ion Ratio	Lower	Upper	
164	100		
162	101.0	76.9	115.3
160	45.3	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 101.112 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045712.D

Acq: 11 Jun 2020 7:24

Instrument :

BNA_G

ClientSampleId :

CHRT-25606

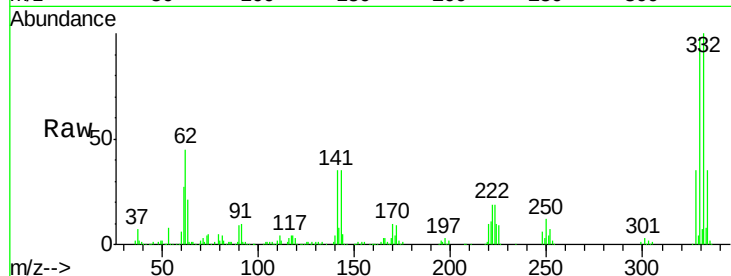
Tot Ion:330 Resp: 259275

Ion Ratio Lower Upper

330 100

332 100.0 78.2 117.4

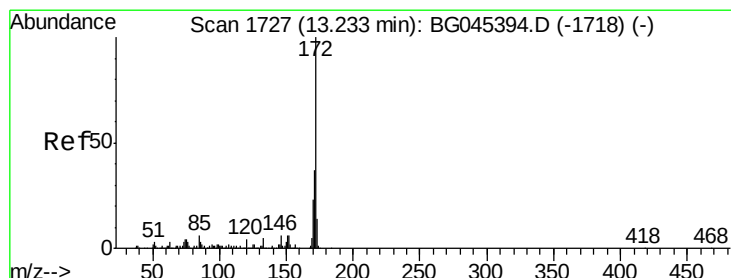
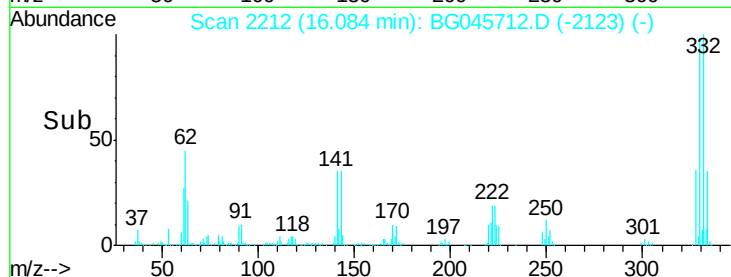
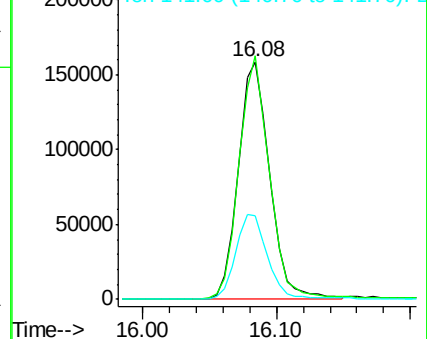
141 37.3 28.2 42.4



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: 95.261 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045712.D

Acq: 11 Jun 2020 7:24

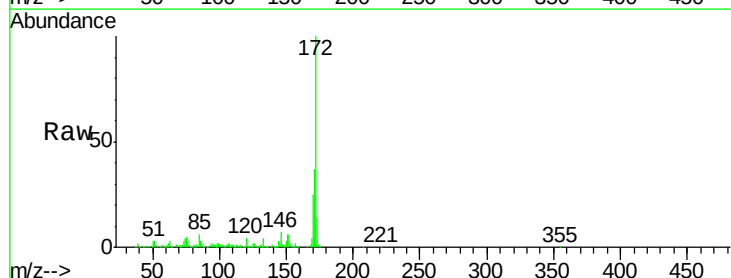
Tgt Ion:172 Resp: 1126069

Ion Ratio Lower Upper

172 100

171 37.0 29.5 44.3

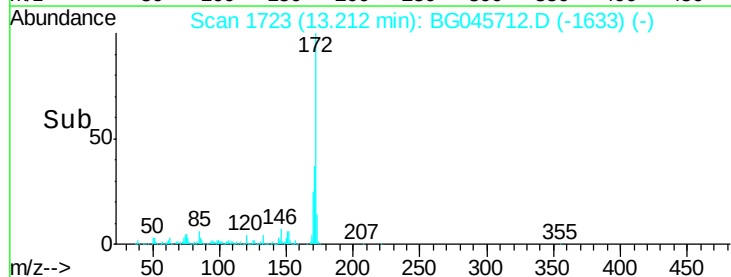
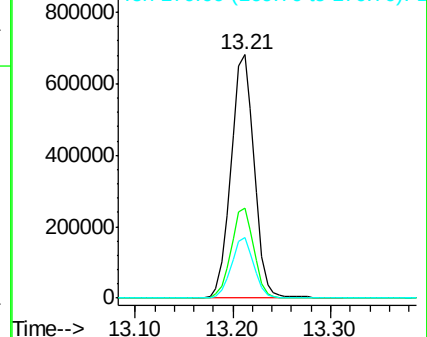
170 24.7 18.5 27.7

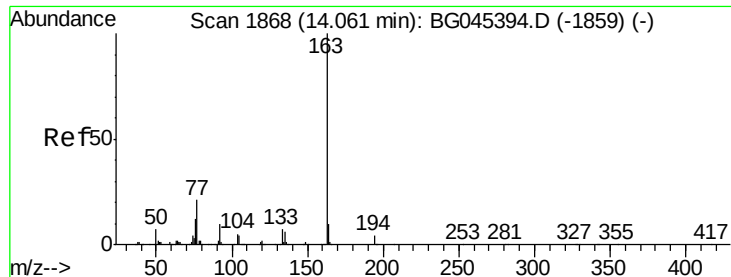


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 14.775 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045712.D

Acq: 11 Jun 2020 7:24

Instrument :

BNA_G

ClientSampleId :

CHRT-25606

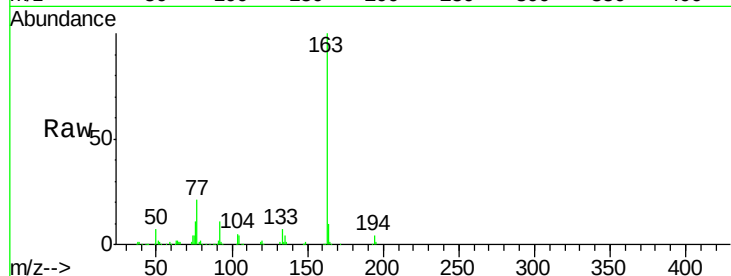
Tot Ion:163 Resp: 203217

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

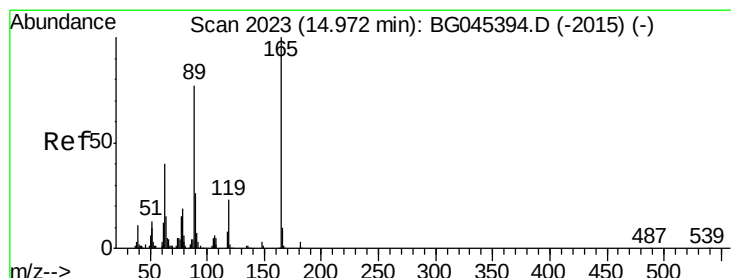
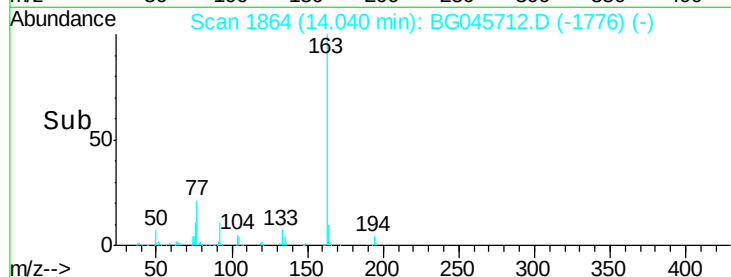
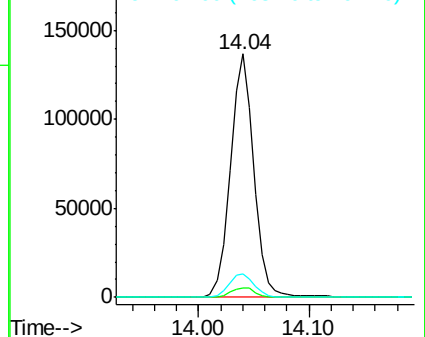
164 9.8 8.3 12.5



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: 5.792 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.37 min

Lab File: BG045712.D

Acq: 11 Jun 2020 7:24

Tgt Ion:165 Resp: 26034

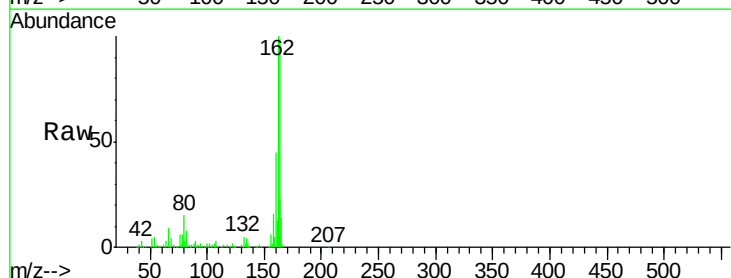
Ion Ratio Lower Upper

165 100

63 1.6 32.5 48.7#

89 1.2 61.8 92.6#

182 0.0 2.3 3.5#

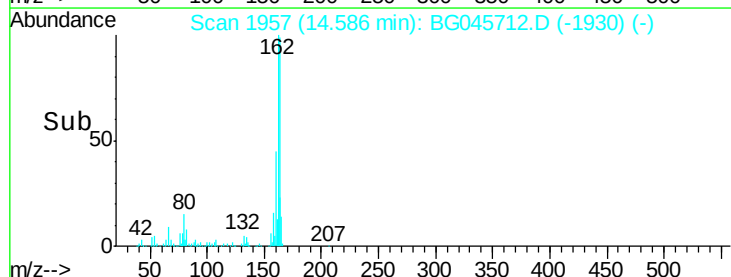
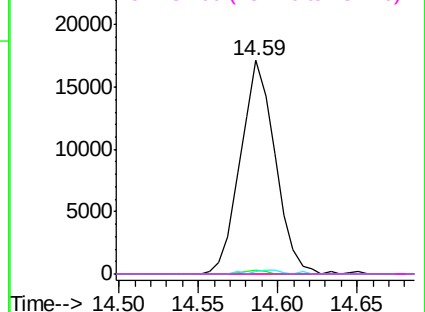


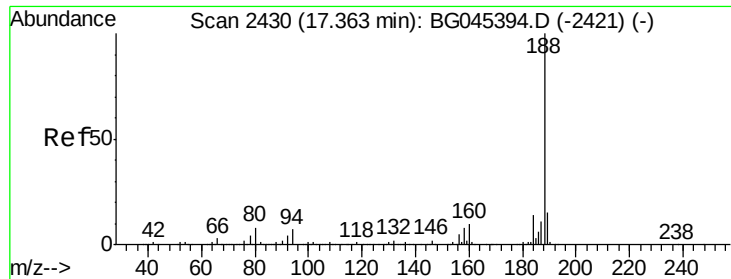
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.34 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045712.D

Acq: 11 Jun 2020 7:24

Instrument :

BNA_G

ClientSampleId :

CHRT-25606

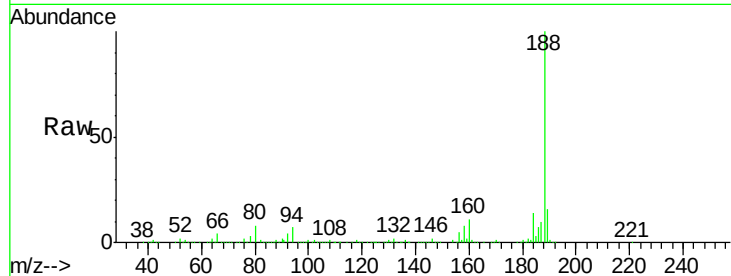
Tot Ion:188 Resp: 413768

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

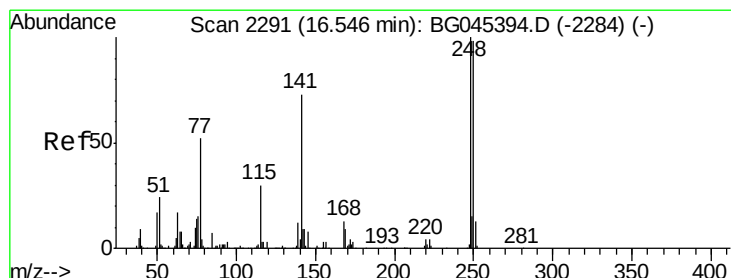
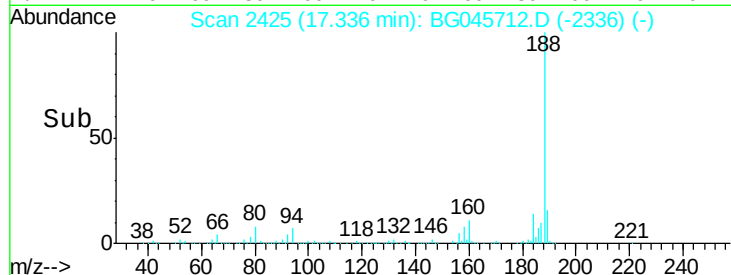
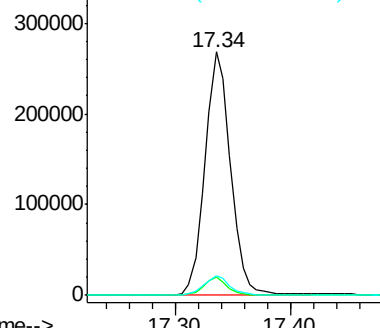
80 7.8 6.6 10.0



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: 3.886 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.46 min

Lab File: BG045712.D

Acq: 11 Jun 2020 7:24

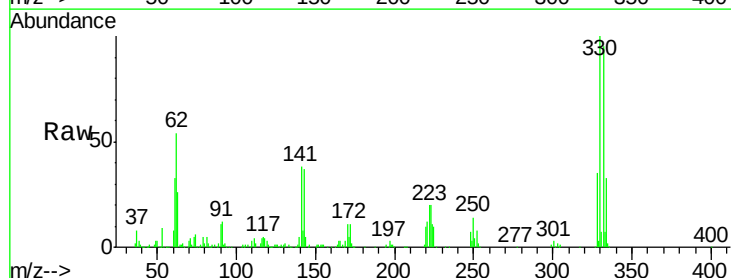
Tgt Ion:248 Resp: 17409

Ion Ratio Lower Upper

248 100

250 202.8 78.6 117.8#

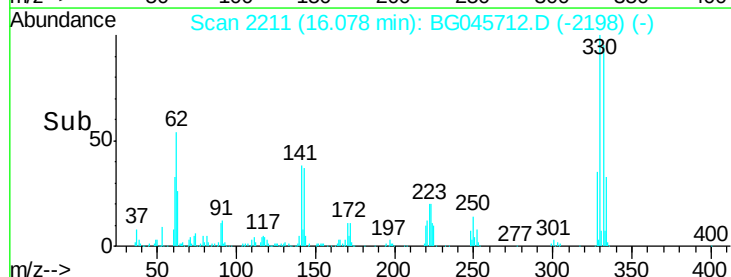
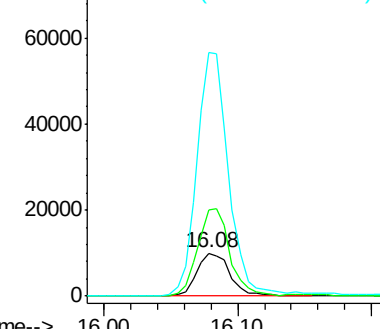
141 569.7 58.2 87.2#

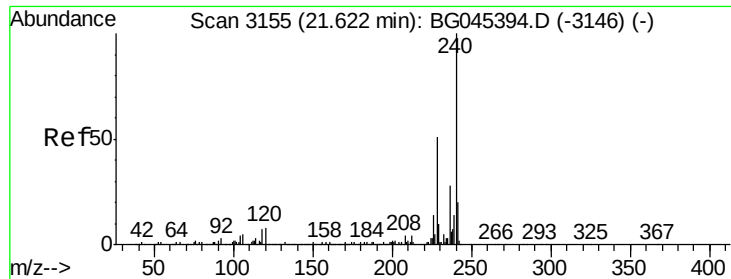


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

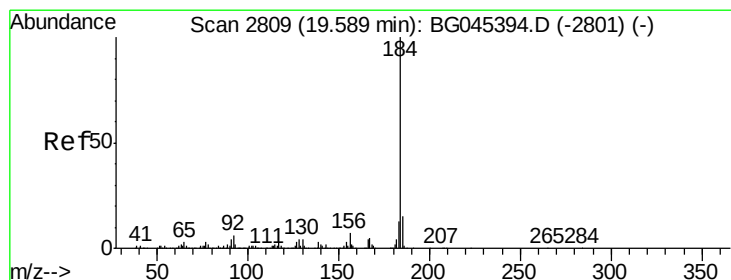
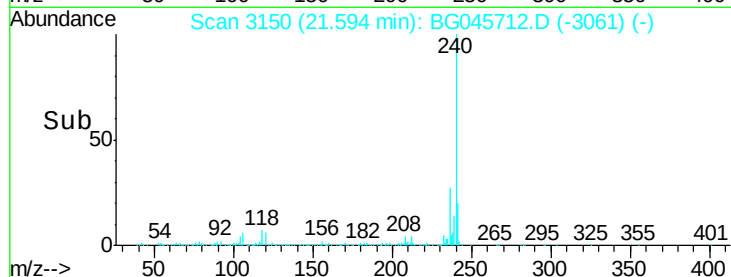
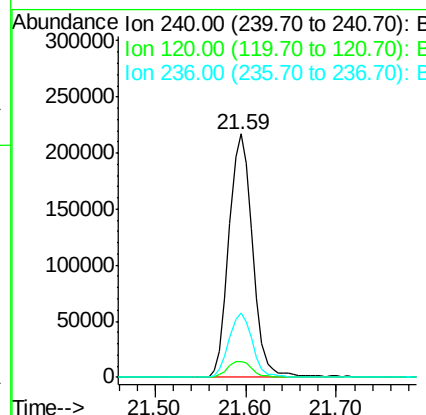
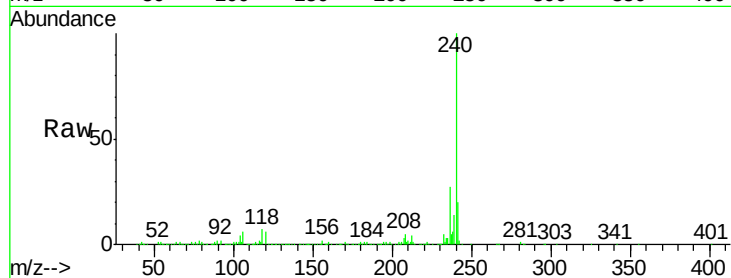




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045712.D
Acq: 11 Jun 2020 7:24

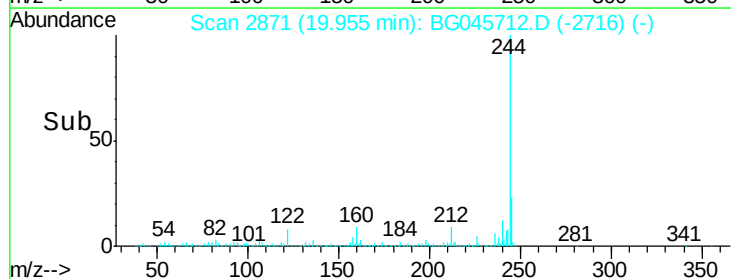
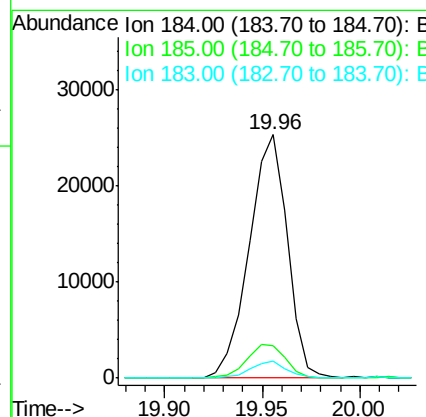
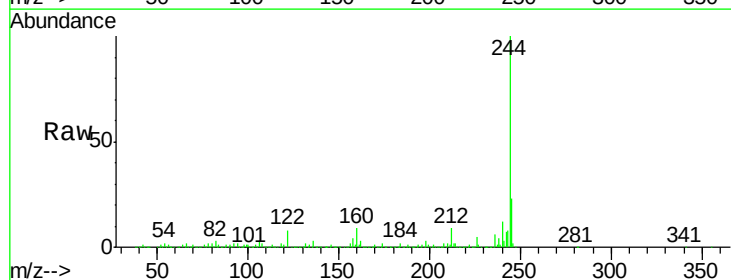
Instrument :
BNA_G
ClientSampleId :
CHRT-25606

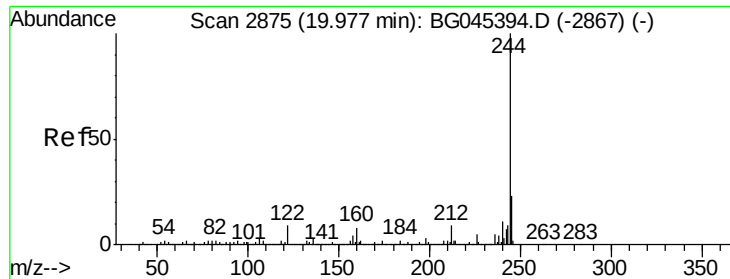
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.1	9.1
236	26.6	22.3	33.5



#77
Benzidine
Concen: 3.091 ng
RT: 19.96 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045712.D
Acq: 11 Jun 2020 7:24

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.7	17.5
183	7.1	10.2	15.4





#79

Terphenyl-d14

Concen: 99.119 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045712.D

Acq: 11 Jun 2020 7:24

Instrument :

BNA_G

ClientSampleId :

CHRT-25606

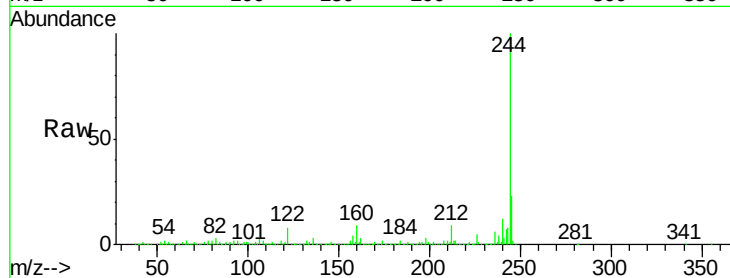
Tot Ion:244 Resp: 1676704

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

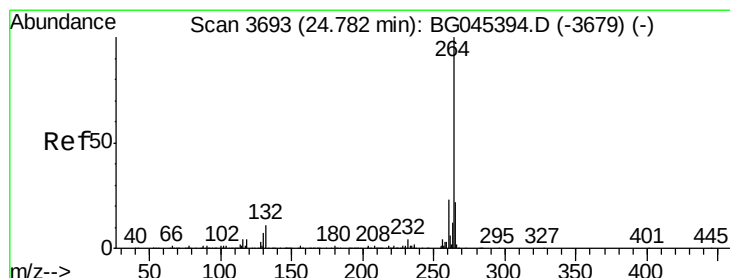
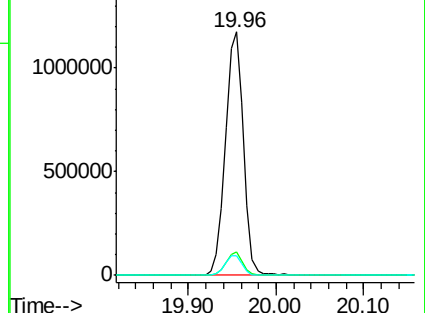
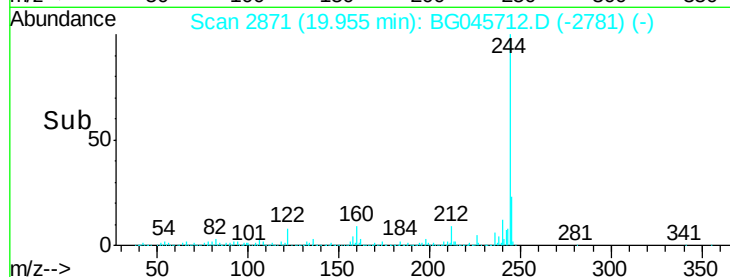
122 8.0 6.8 10.2



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: 24.74 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG045712.D

Acq: 11 Jun 2020 7:24

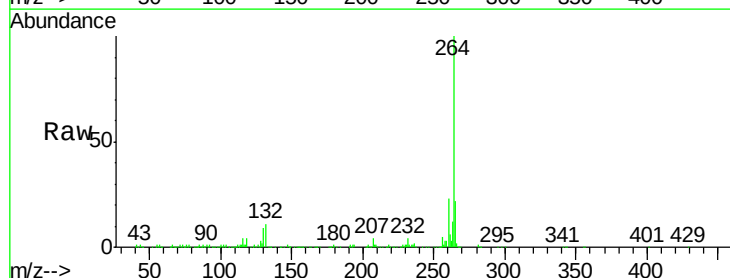
Tgt Ion:264 Resp: 439153

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 22.4 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

