

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 08:15:19 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

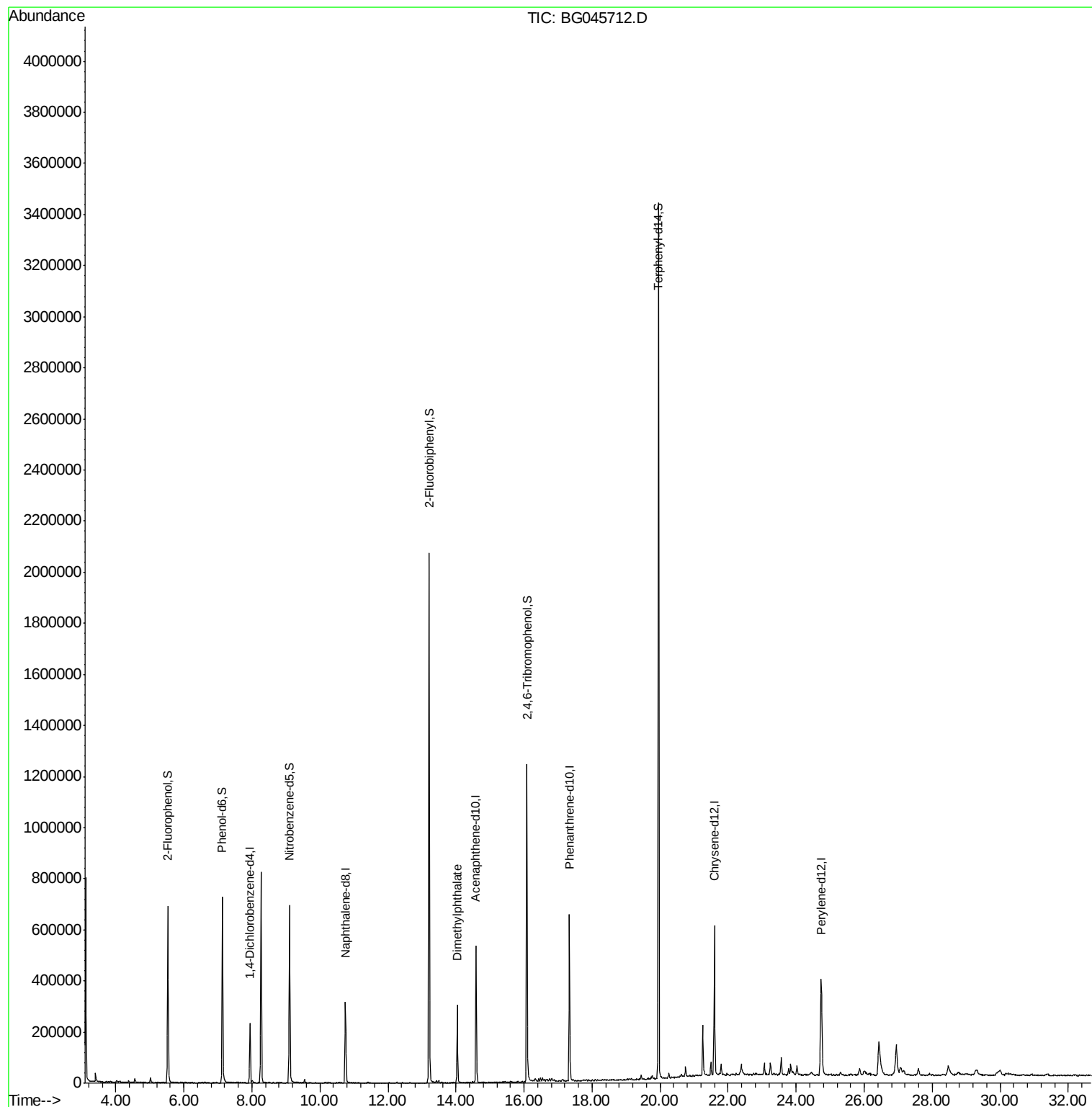
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67813	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	283217	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	200506	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	413768	20.00	ng	0.00
76) Chrysene-d12	21.59	240	394535	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						
50) Dimethylphthalate	14.04	163	203217	14.775	ng	Qvalue 99

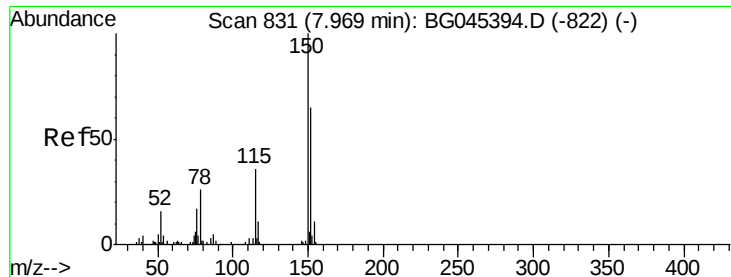
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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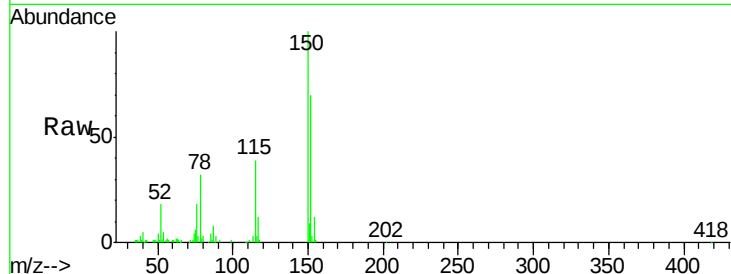


#1

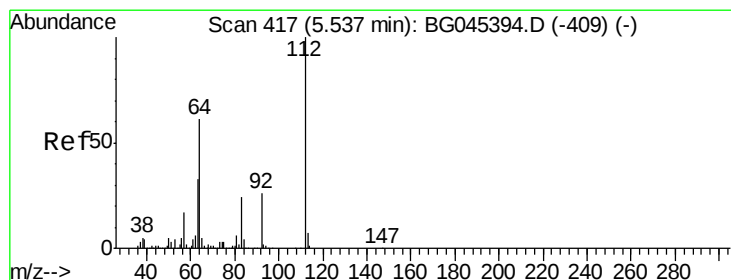
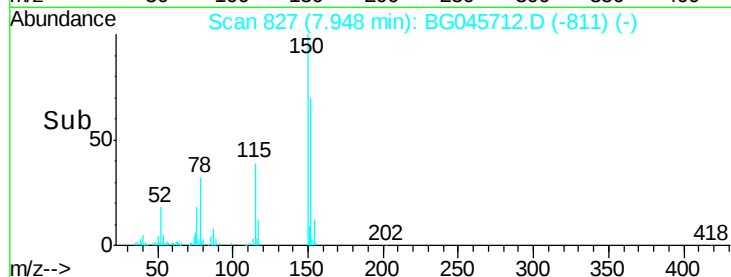
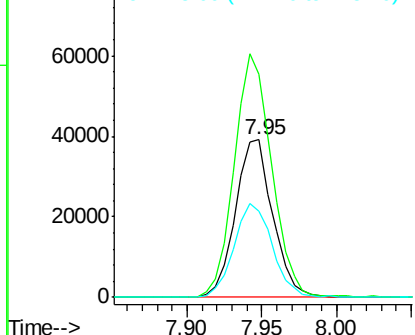
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045712.D
Acq: 11 Jun 2020 7:24

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



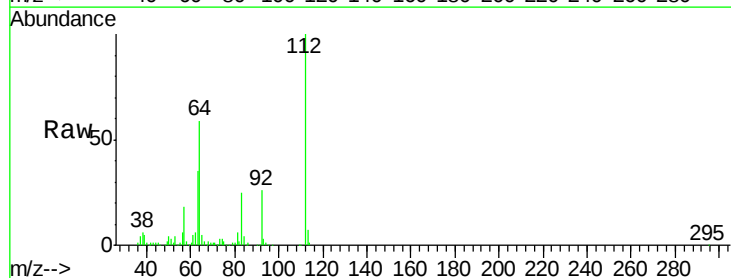
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



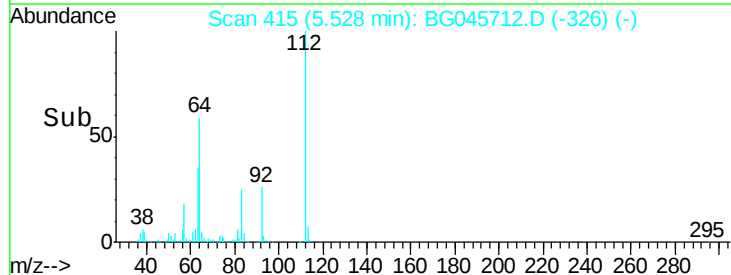
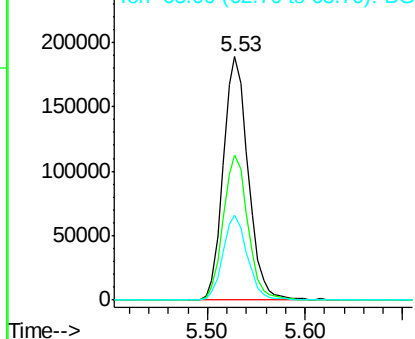
#5

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

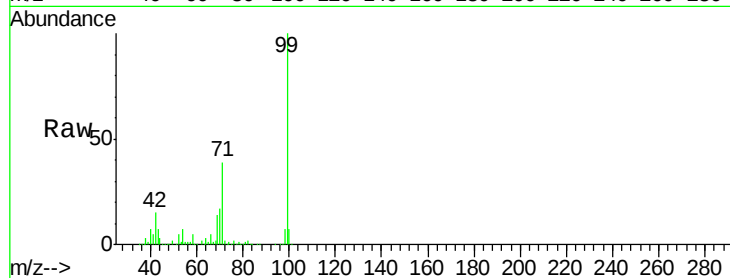
Tot Ion: 99 Resp: 472896

Ion Ratio Lower Upper

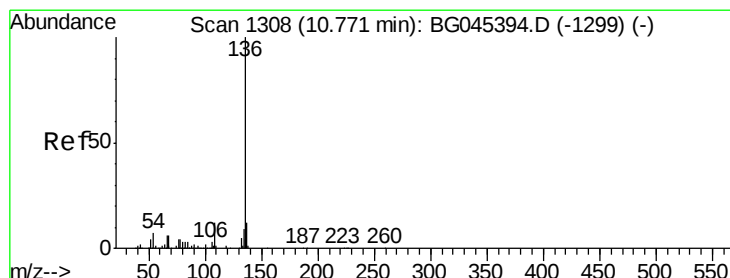
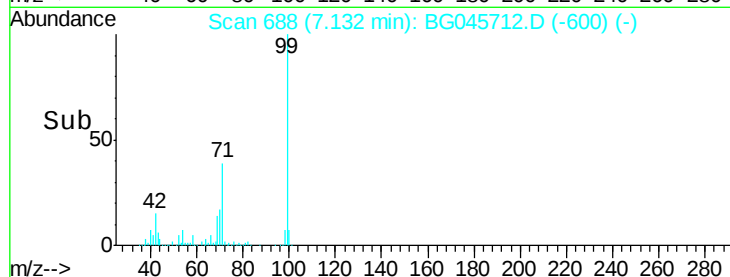
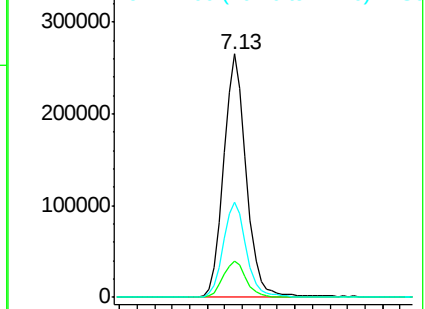
99 100

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



#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: 136 Resp: 283217

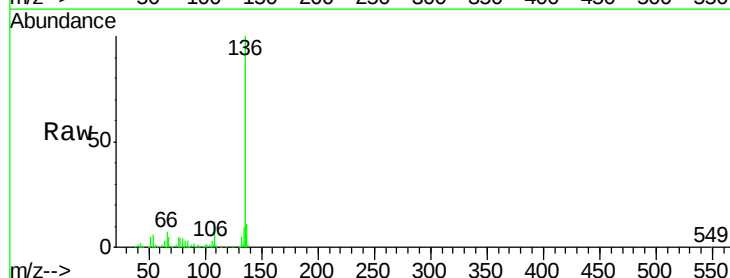
Ion Ratio Lower Upper

136 100

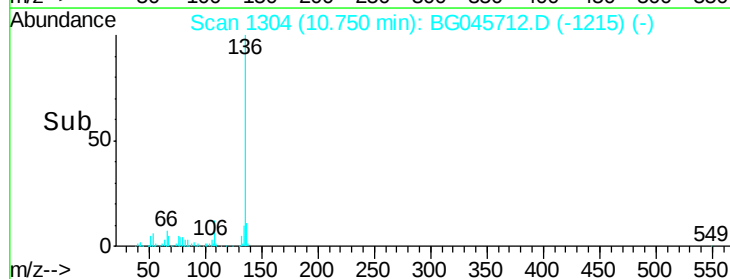
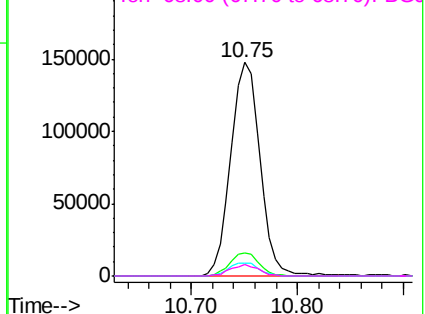
137 10.9 9.4 14.2

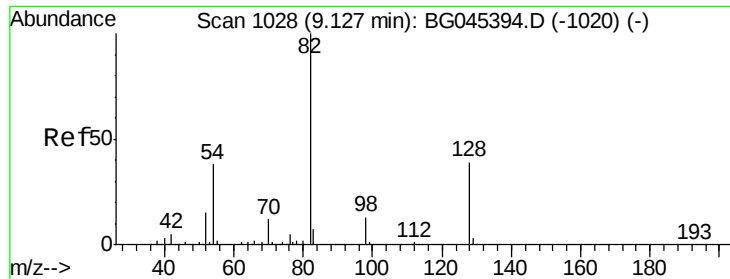
54 6.0 5.8 8.6

68 5.4 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

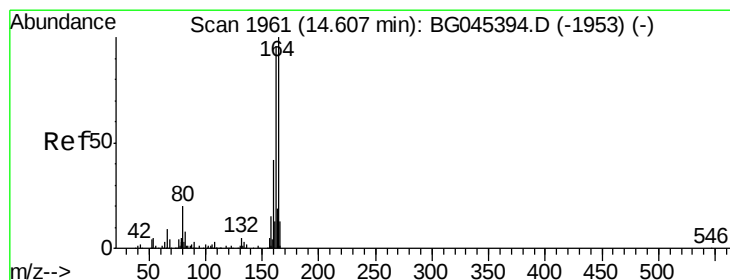
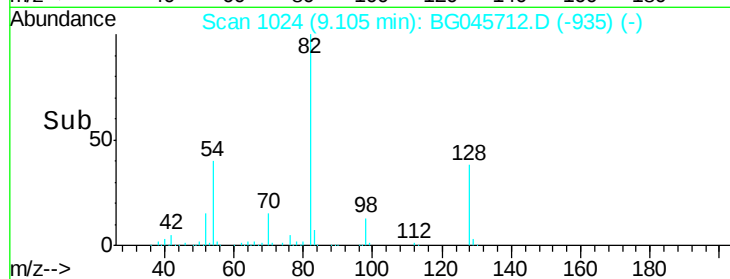
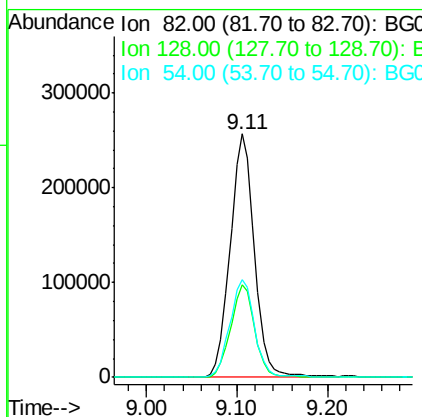
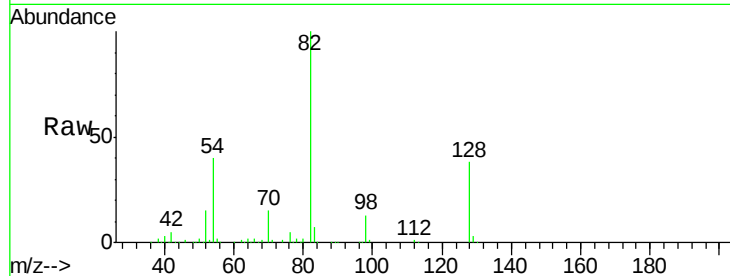




#23
Nitrobenzene-d5
Concen: 92.143 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045712.D
Acq: 11 Jun 2020 7:24

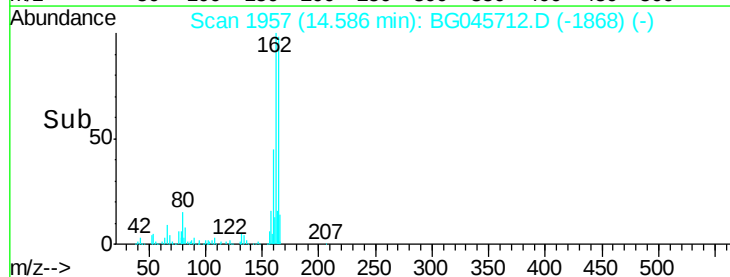
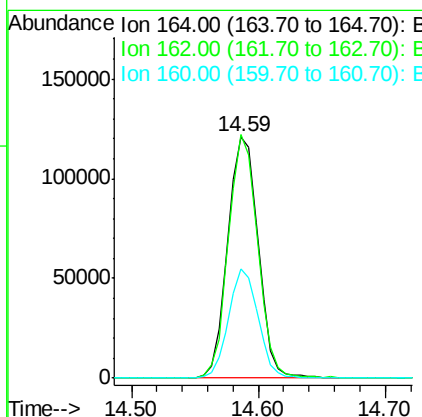
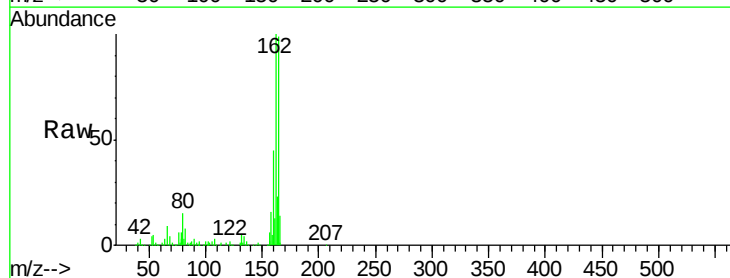
Instrument :
BNA_G
ClientSampleId :
CHRT-25606

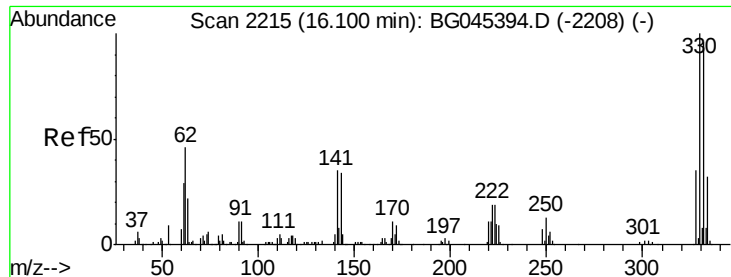
Tot Ion	82	Resp	478555
Ion Ratio	Lower	Upper	
82	100		
128	38.0	30.9	46.3
54	40.3	30.3	45.5



#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

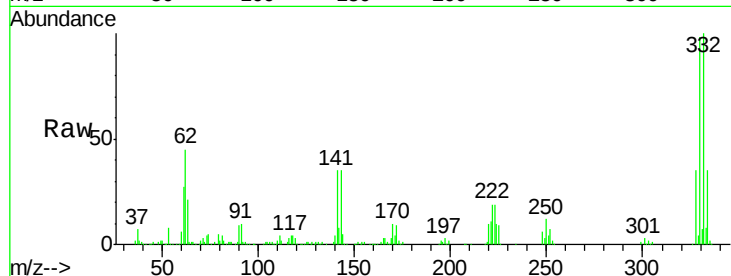




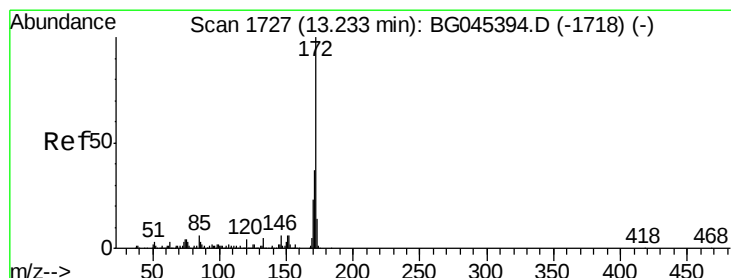
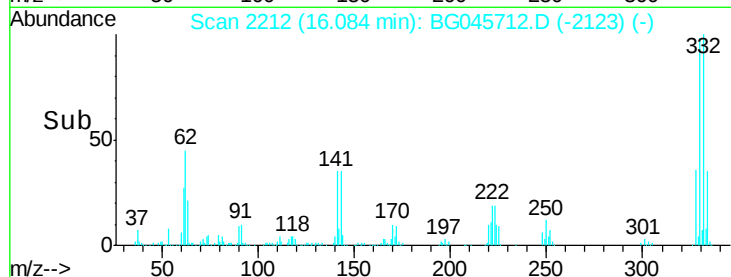
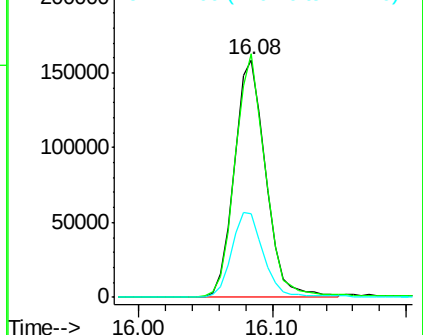
#42
 2,4,6-Tribromophenol
 Concen: 101.112 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045712.D
 Acq: 11 Jun 2020 7:24

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

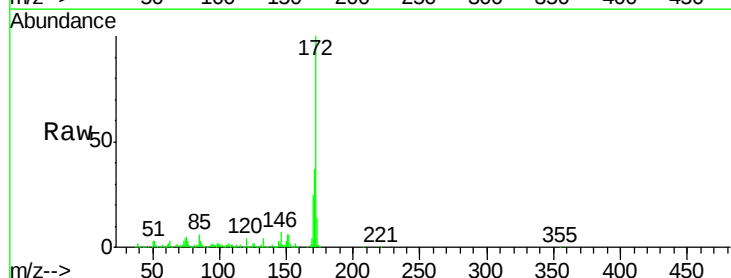


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

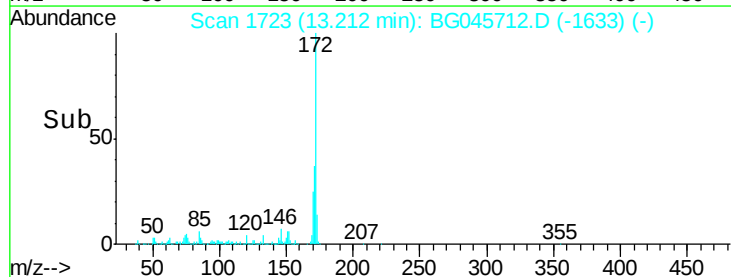
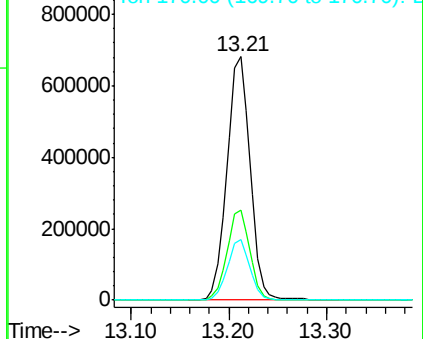


#45
 2-Fluorobiphenyl
 Concen: 95.261 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045712.D
 Acq: 11 Jun 2020 7:24

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

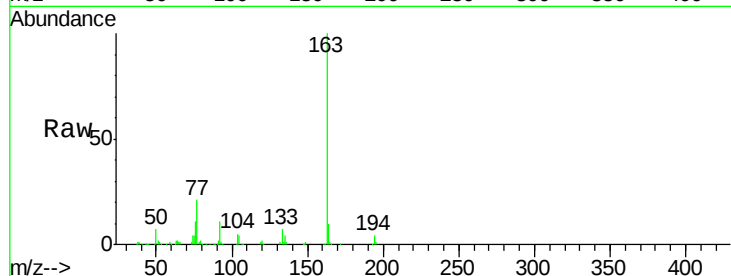
Tot Ion:163 Resp: 203217

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

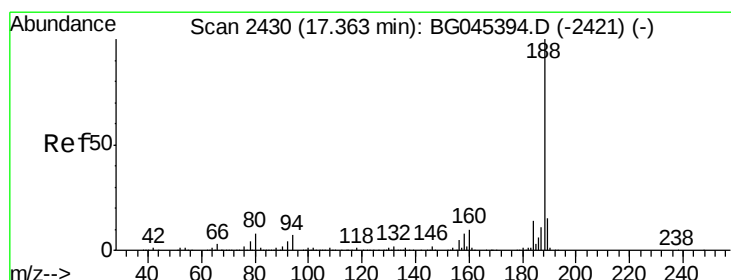
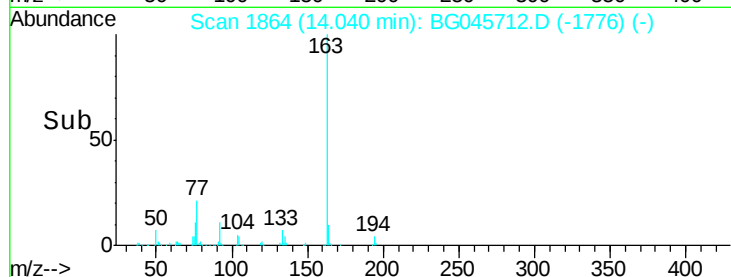
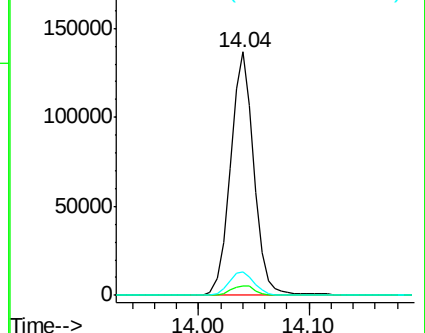
164 9.8 8.3 12.5



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



#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

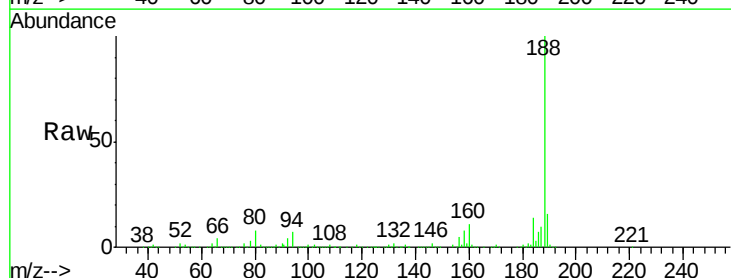
Tgt Ion:188 Resp: 413768

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

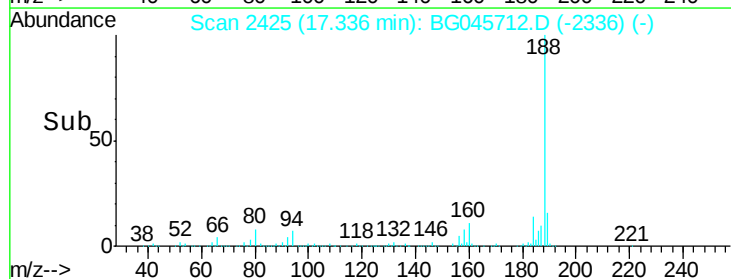
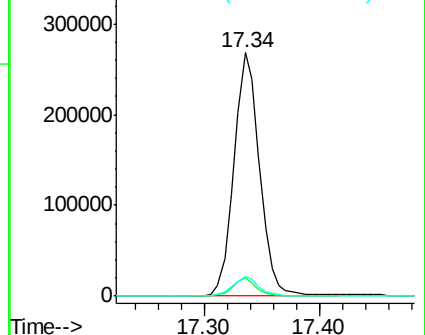
80 7.8 6.6 10.0

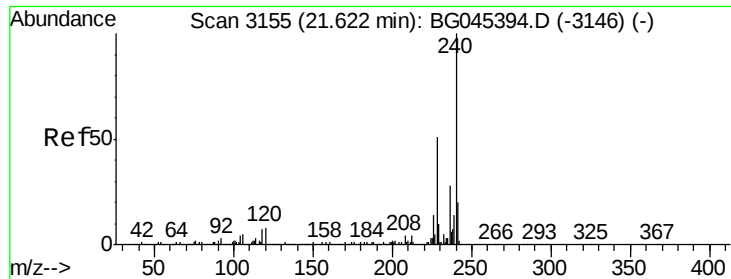


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#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

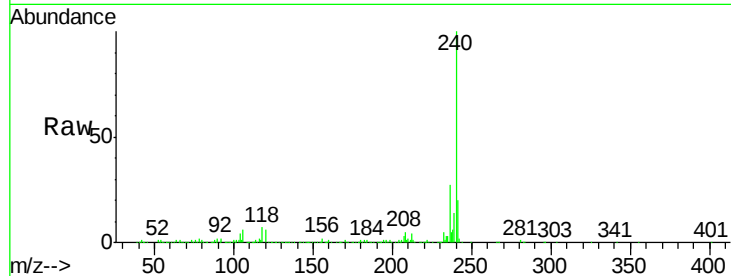
Tot Ion:240 Resp: 394535

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

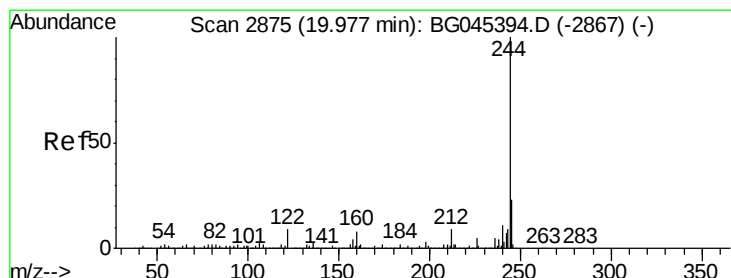
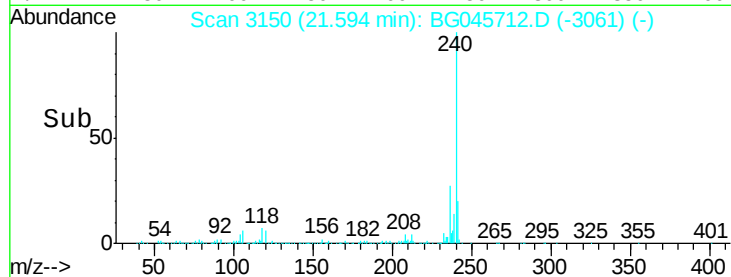
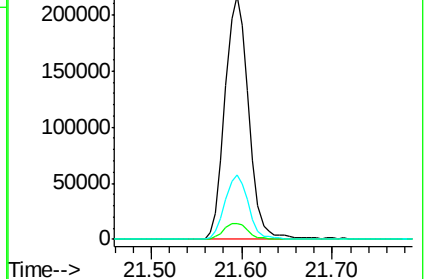
236 26.6 22.3 33.5



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



#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

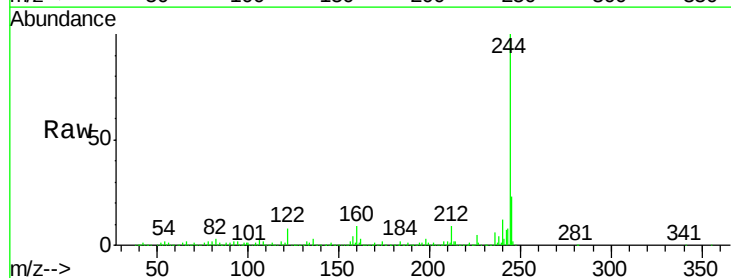
Tgt Ion:244 Resp: 1676704

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

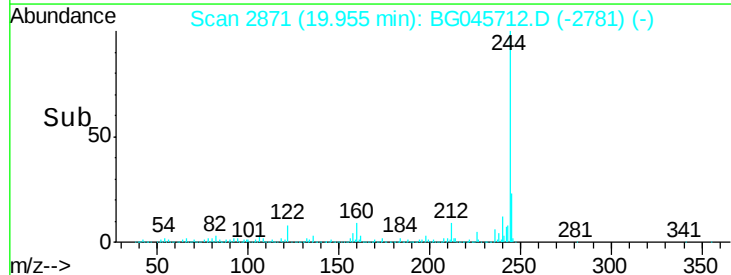
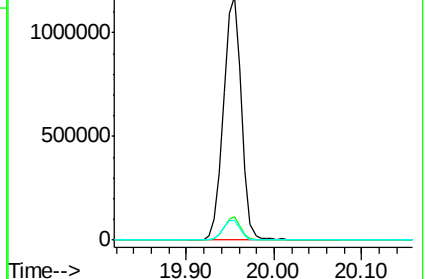
122 8.0 6.8 10.2

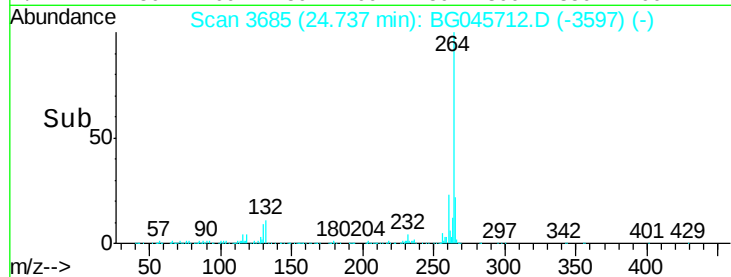
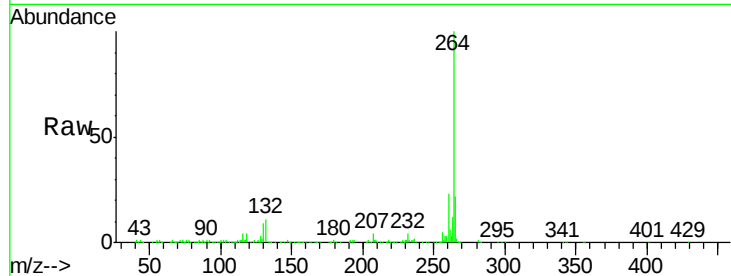
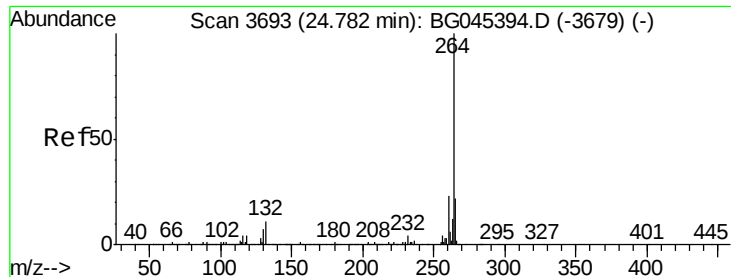


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-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

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-25606

Tot Ion:	264	Resp:	439153
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	22.4	17.6	26.4

