

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045390.D
 Acq On : 14 May 2020 23:12
 Operator : CG/JU
 Sample : L2604-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 305

Quant Time: May 15 01:52:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 13:01:16 2020
 Response via : Initial Calibration

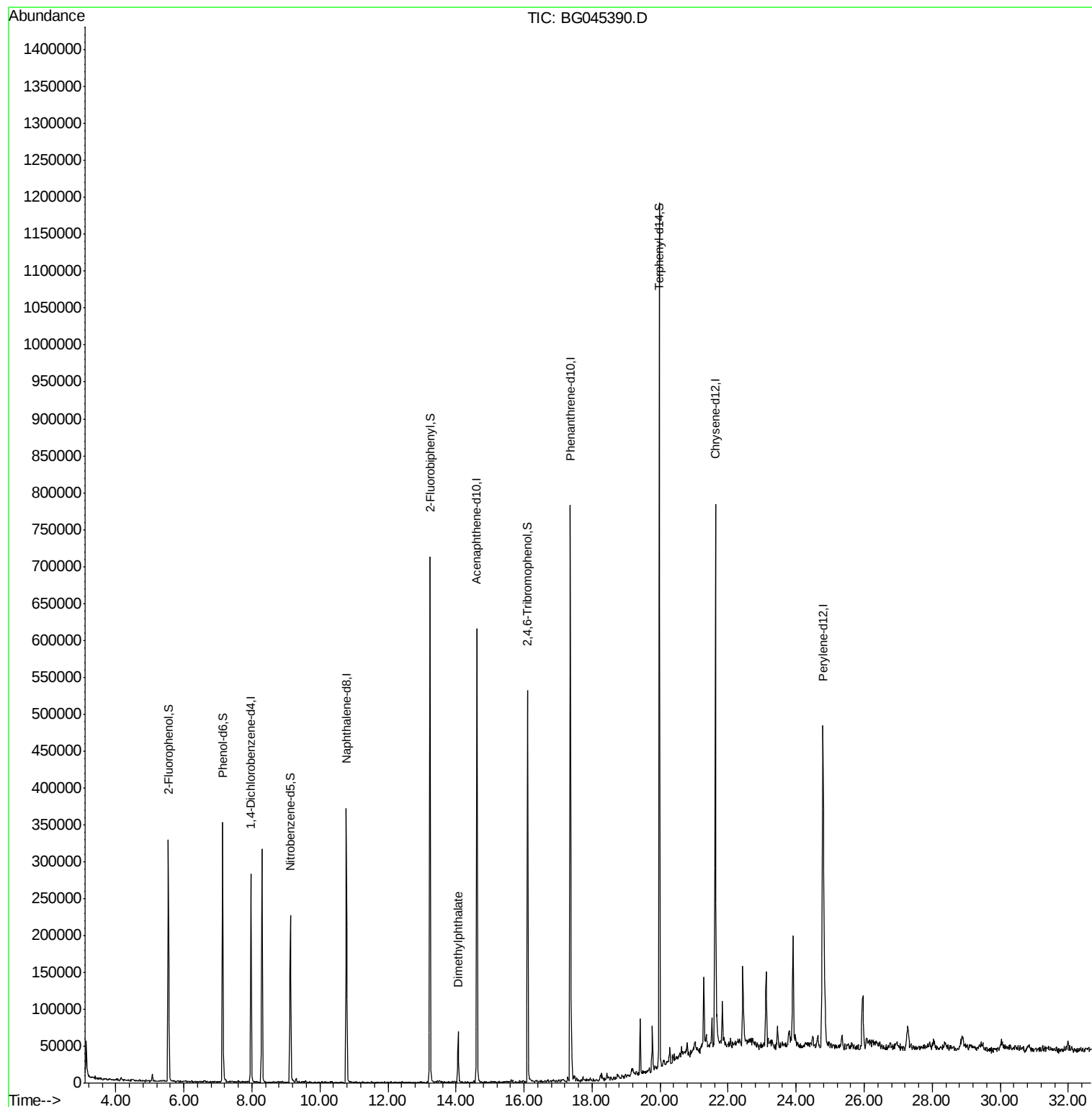
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	83663	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	337419	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	238353	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	525076	20.00	ng	0.00
76) Chrysene-d12	21.62	240	459610	20.00	ng	0.00
87) Perylene-d12	24.79	264	493910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	161105	31.79	ng	0.00
7) Phenol-d6	7.14	99	240591	31.95	ng	0.00
23) Nitrobenzene-d5	9.13	82	162048	21.91	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	111109	30.17	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	394380	24.26	ng	0.00
79) Terphenyl-d14	19.97	244	603964	28.64	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	46380	2.390	ng	Qvalue # 97

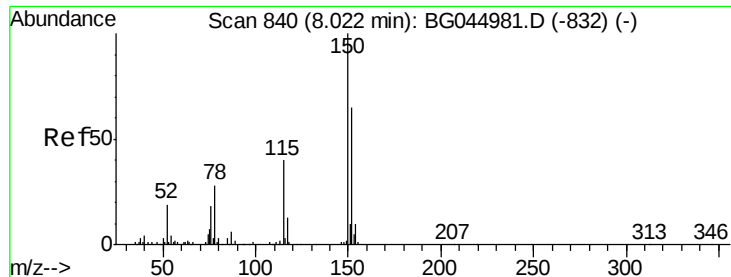
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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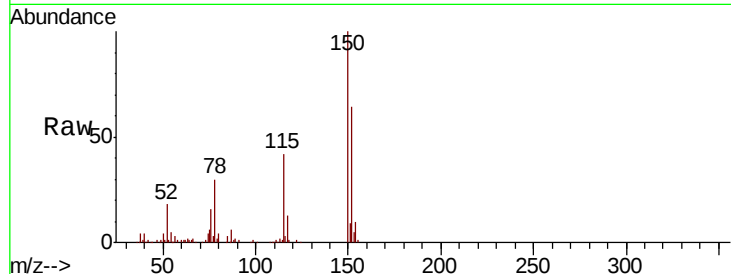


#1

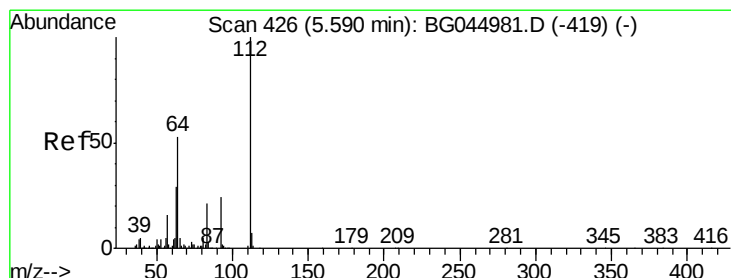
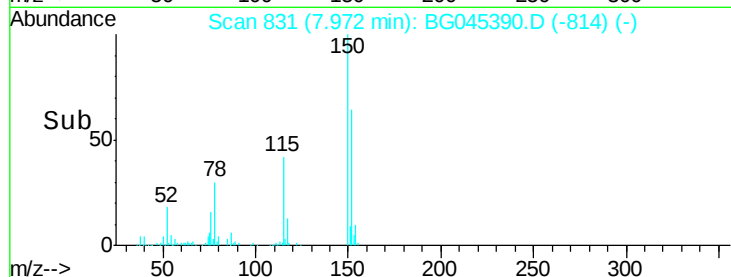
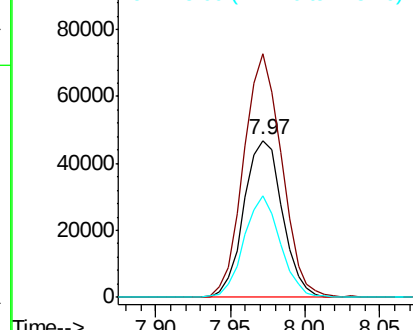
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045390.D
Acq: 14 May 2020 23:12

Instrument :
BNA_G
ClientSampled :
305

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.6	185.4
115	64.8	49.1	73.7



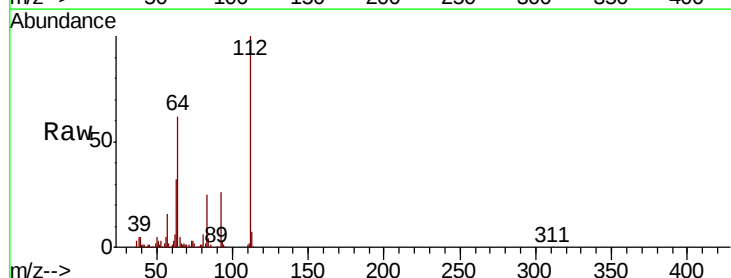
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



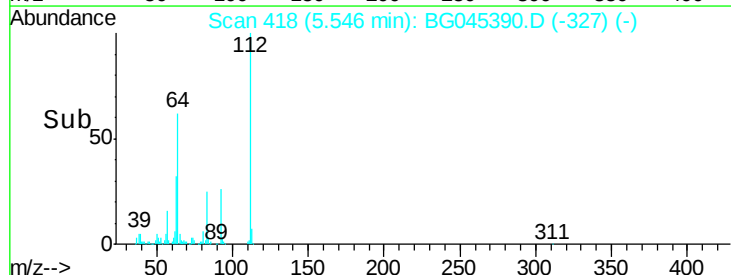
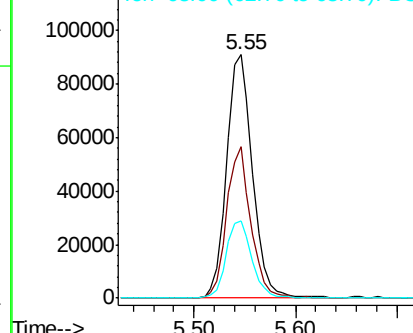
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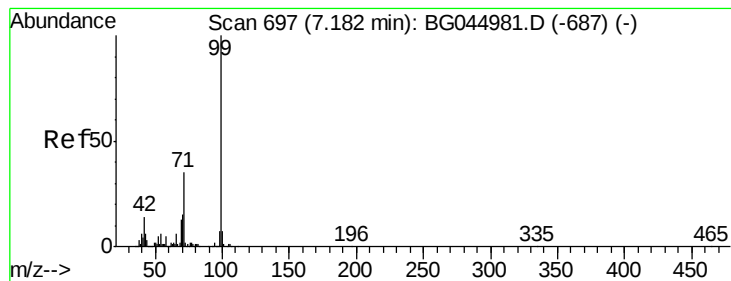
2-Fluorophenol
Concen: 31.791 ng
RT: 5.55 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045390.D
Acq: 14 May 2020 23:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	42.4	63.6
63	31.6	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: 31.955 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045390.D

Acq: 14 May 2020 23:12

Instrument :

BNA_G

ClientSampleId :

305

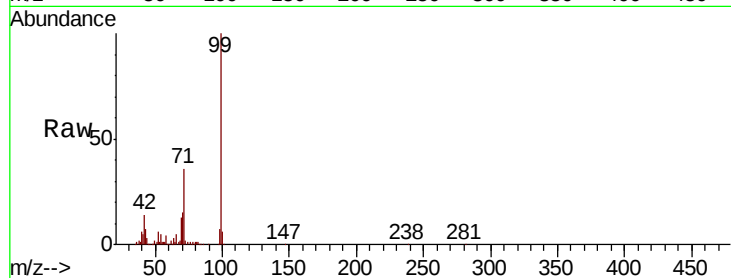
Tot Ion: 99 Resp: 240591

Ion Ratio Lower Upper

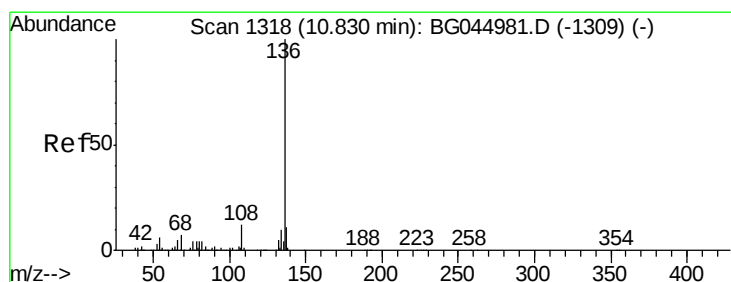
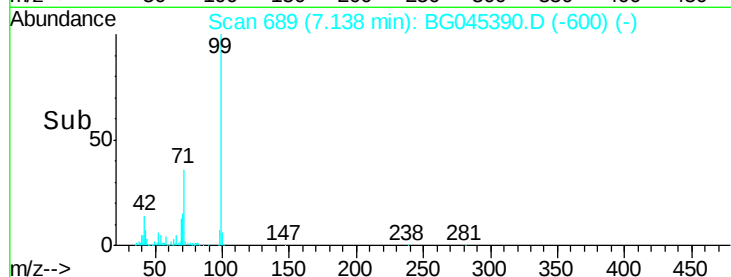
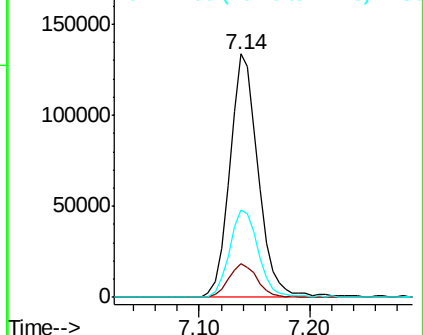
99 100

42 13.7 11.3 16.9

71 36.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG045390.D

Acq: 14 May 2020 23:12

Tgt Ion: 136 Resp: 337419

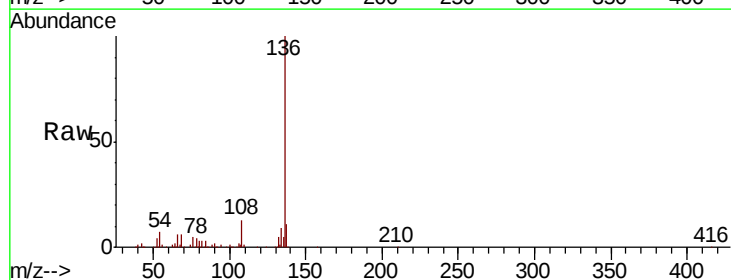
Ion Ratio Lower Upper

136 100

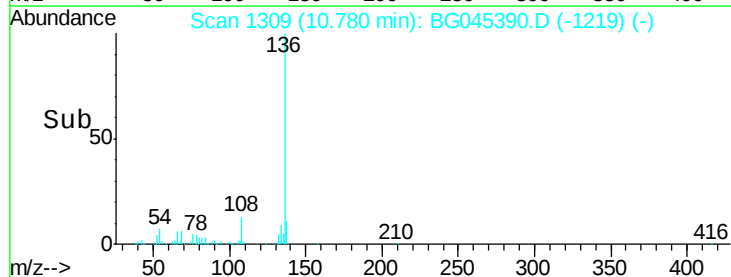
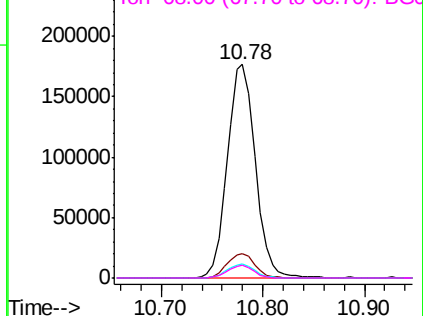
137 11.2 8.6 13.0

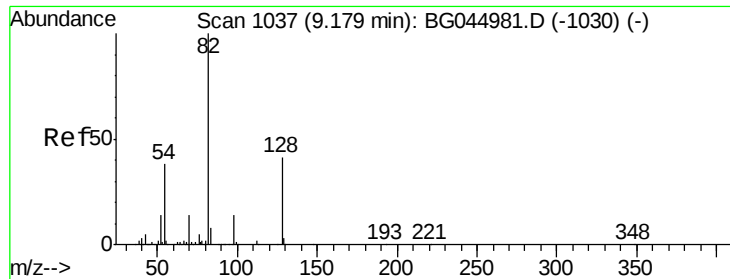
54 6.7 4.8 7.2

68 5.8 5.2 7.8



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

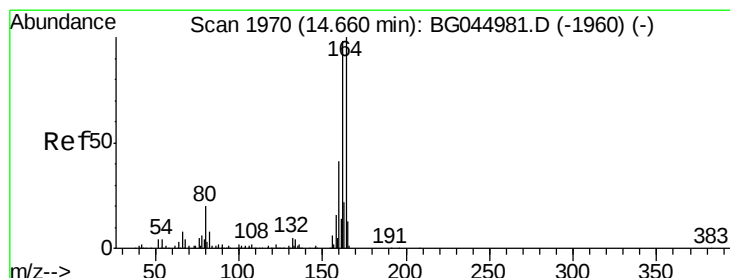
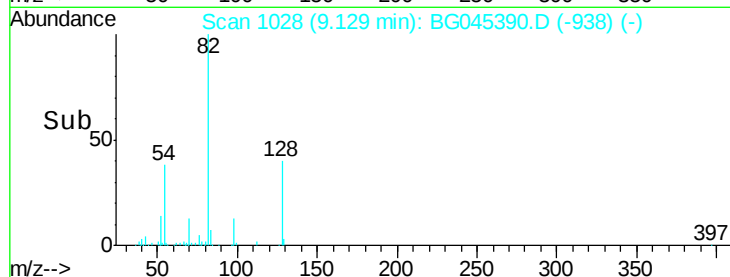
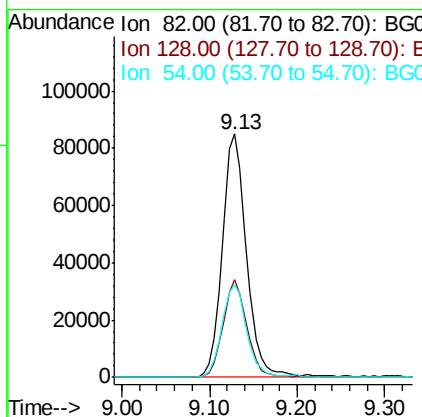
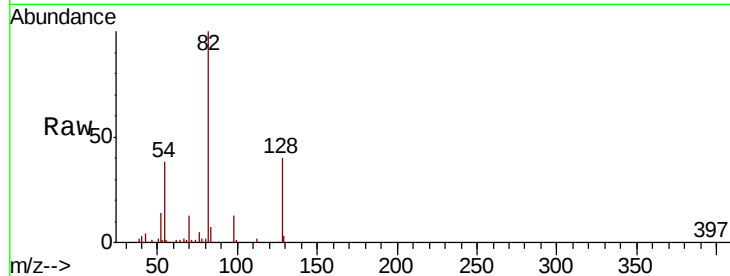




#23
 Nitrobenzene-d5
 Concen: 21.914 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG045390.D
 Acq: 14 May 2020 23:12

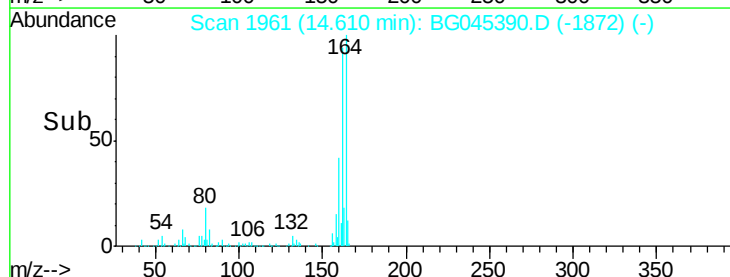
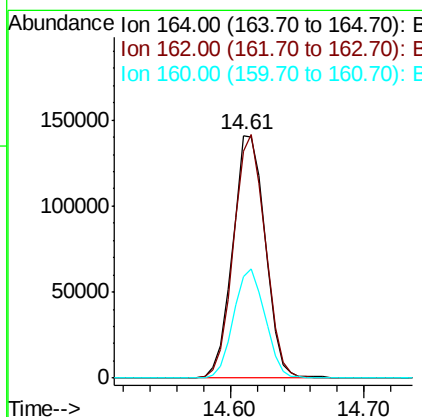
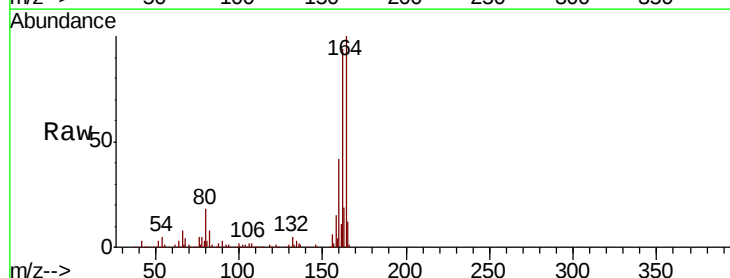
Instrument :
 BNA_G
 ClientSampled :
 305

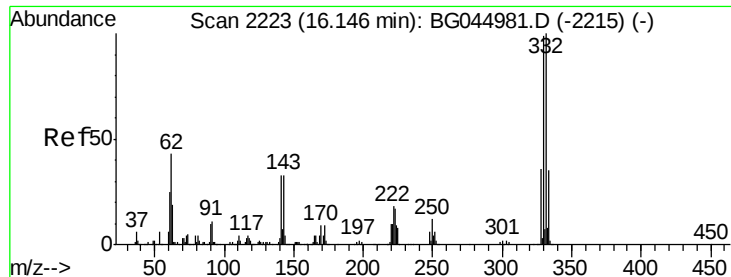
Tot Ion	82	Resp	162048
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.0	49.4
54	38.2	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG045390.D
 Acq: 14 May 2020 23:12

Tgt Ion	164	Resp	238353
Ion Ratio	Lower	Upper	
164	100		
162	93.9	78.7	118.1
160	41.9	32.8	49.2

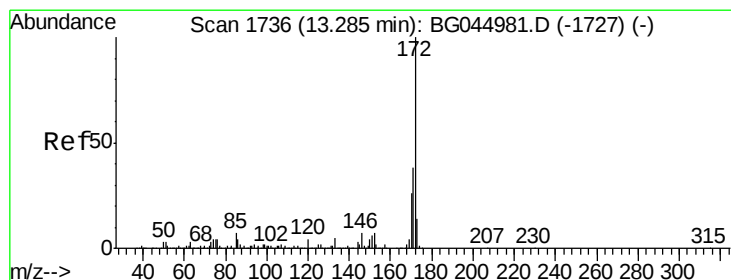
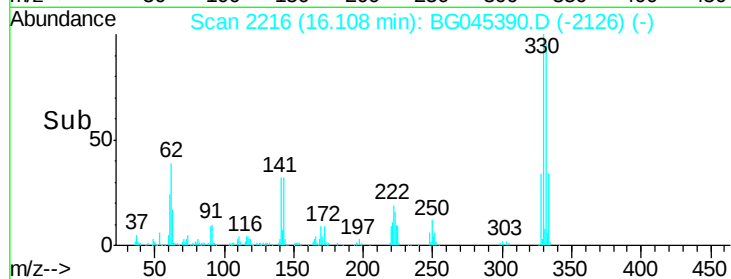
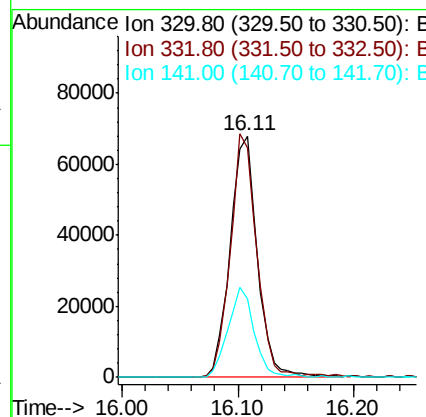
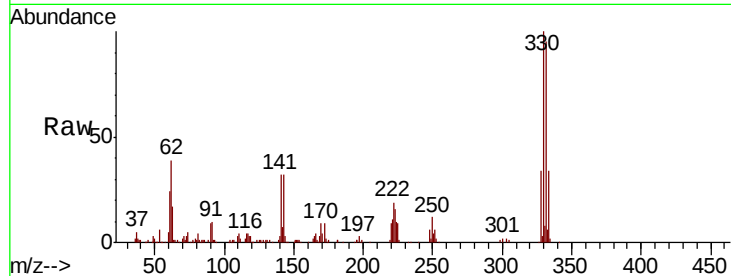




#42
 2,4,6-Tribromophenol
 Concen: 30.174 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045390.D
 Acq: 14 May 2020 23:12

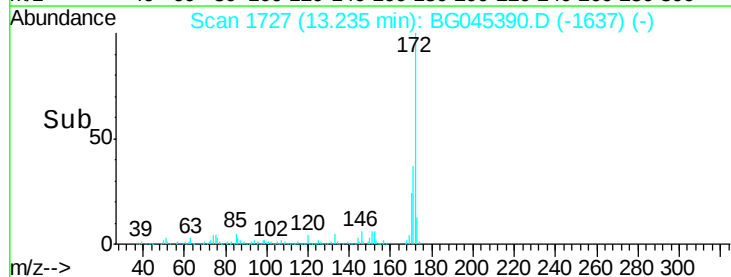
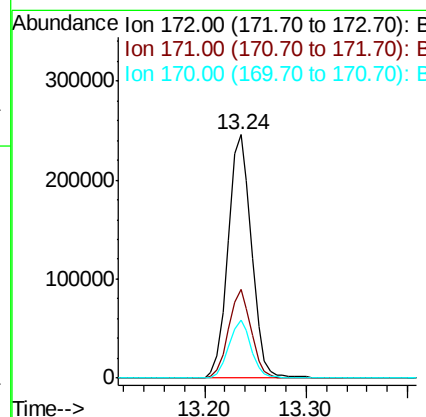
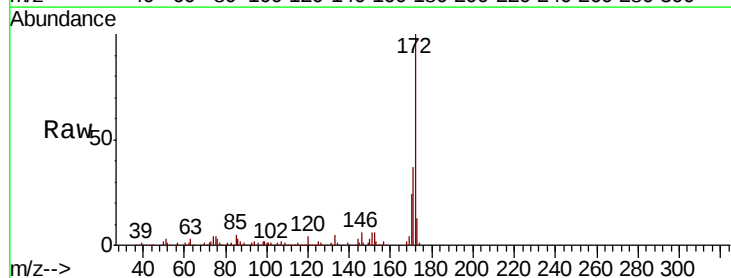
Instrument :
 BNA_G
 ClientSampleId :
 305

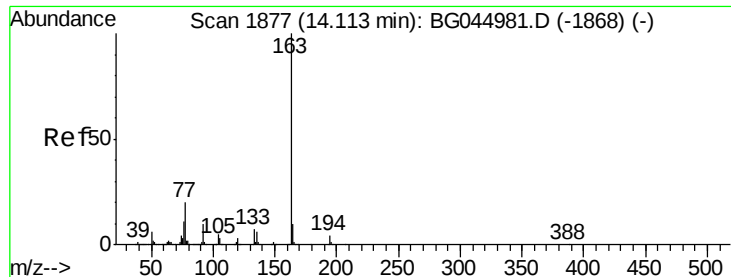
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	35.4	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 24.262 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG045390.D
 Acq: 14 May 2020 23:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	23.9	20.5	30.7





#50

Dimethylphthalate

Concen: 2.390 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG045390.D

Acq: 14 May 2020 23:12

Instrument :

BNA_G

ClientSampleId :

305

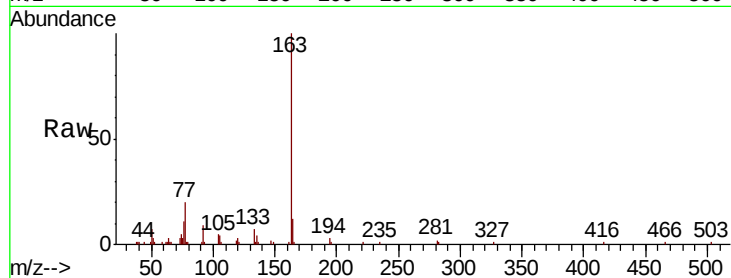
Tot Ion:163 Resp: 46380

Ion Ratio Lower Upper

163 100

194 3.2 3.5 5.3#

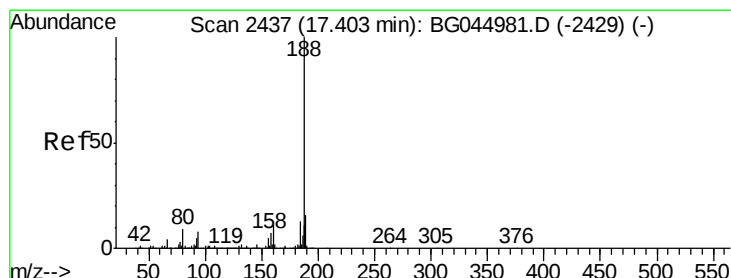
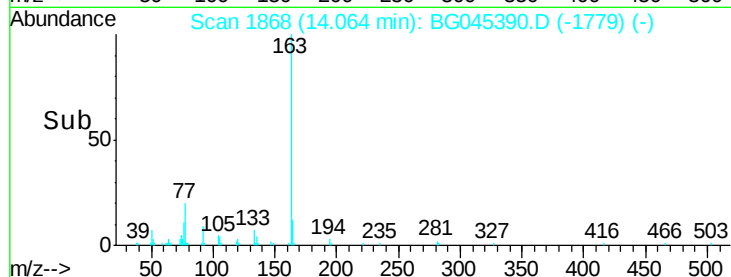
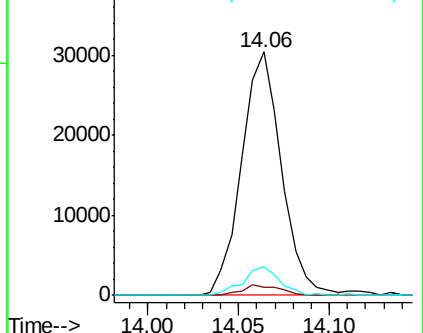
164 11.6 8.2 12.4



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: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045390.D

Acq: 14 May 2020 23:12

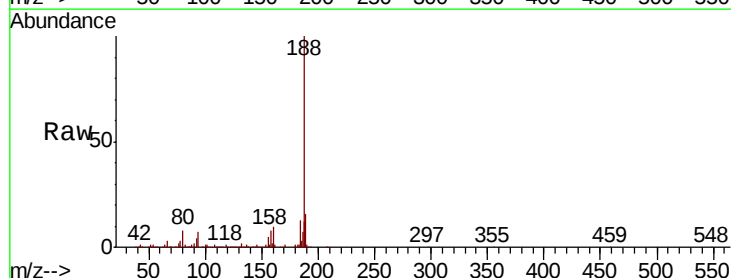
Tgt Ion:188 Resp: 525076

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

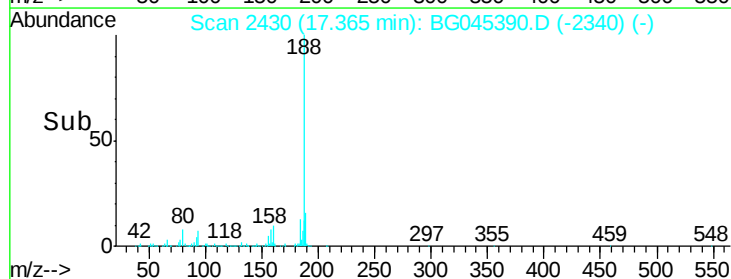
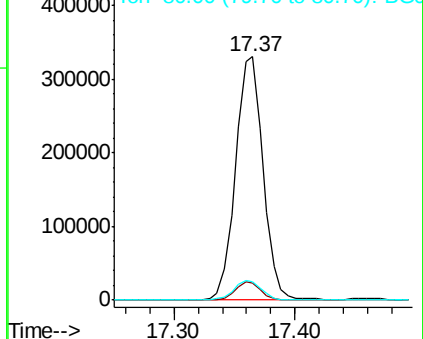
80 7.7 7.0 10.6

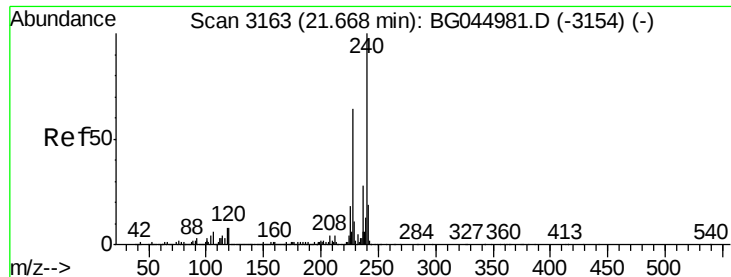


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

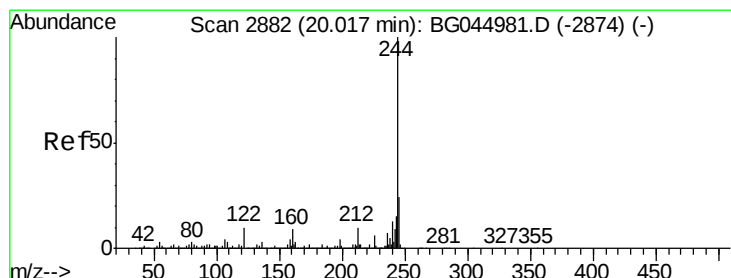
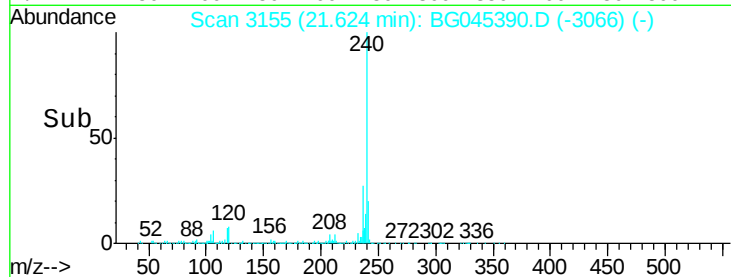
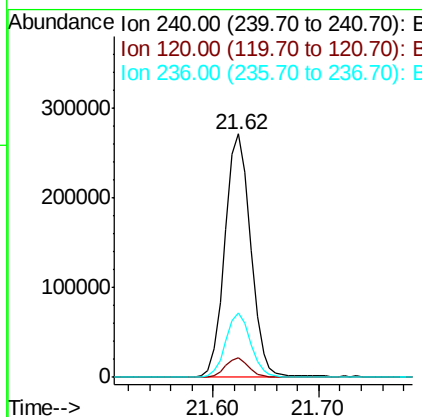
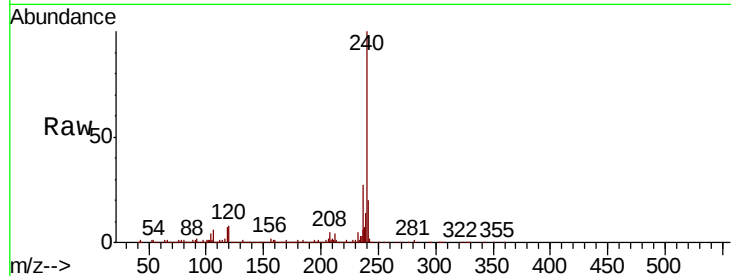




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG045390.D
Acq: 14 May 2020 23:12

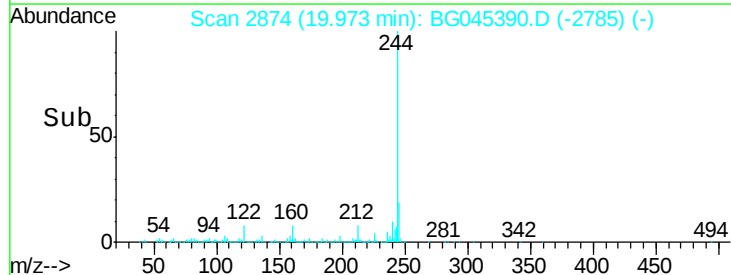
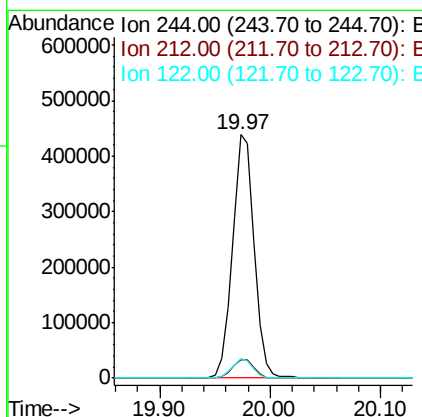
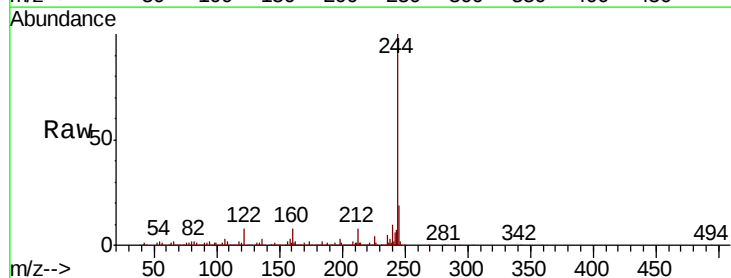
Instrument :
BNA_G
ClientSampleId :
305

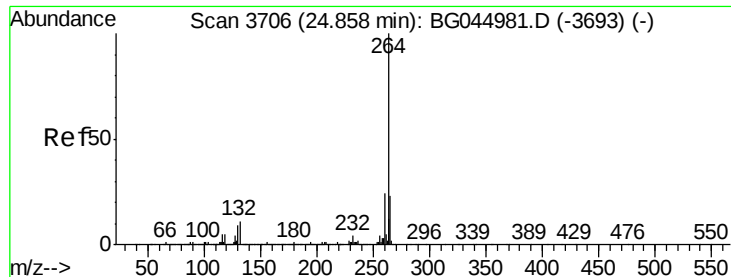
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.6	10.0
236	26.7	22.2	33.2



#79
Terphenyl-d14
Concen: 28.641 ng
RT: 19.97 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG045390.D
Acq: 14 May 2020 23:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.9	11.9#
122	8.1	7.7	11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BG045390.D
Acq: 14 May 2020 23:12

Instrument :
BNA_G
ClientSampleId :
305

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.3	19.0	28.4

