

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045051.D
 Acq On : 18 Apr 2020 4:26
 Operator : CG/JU
 Sample : L2249-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-7

Quant Time: Apr 18 07:24:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

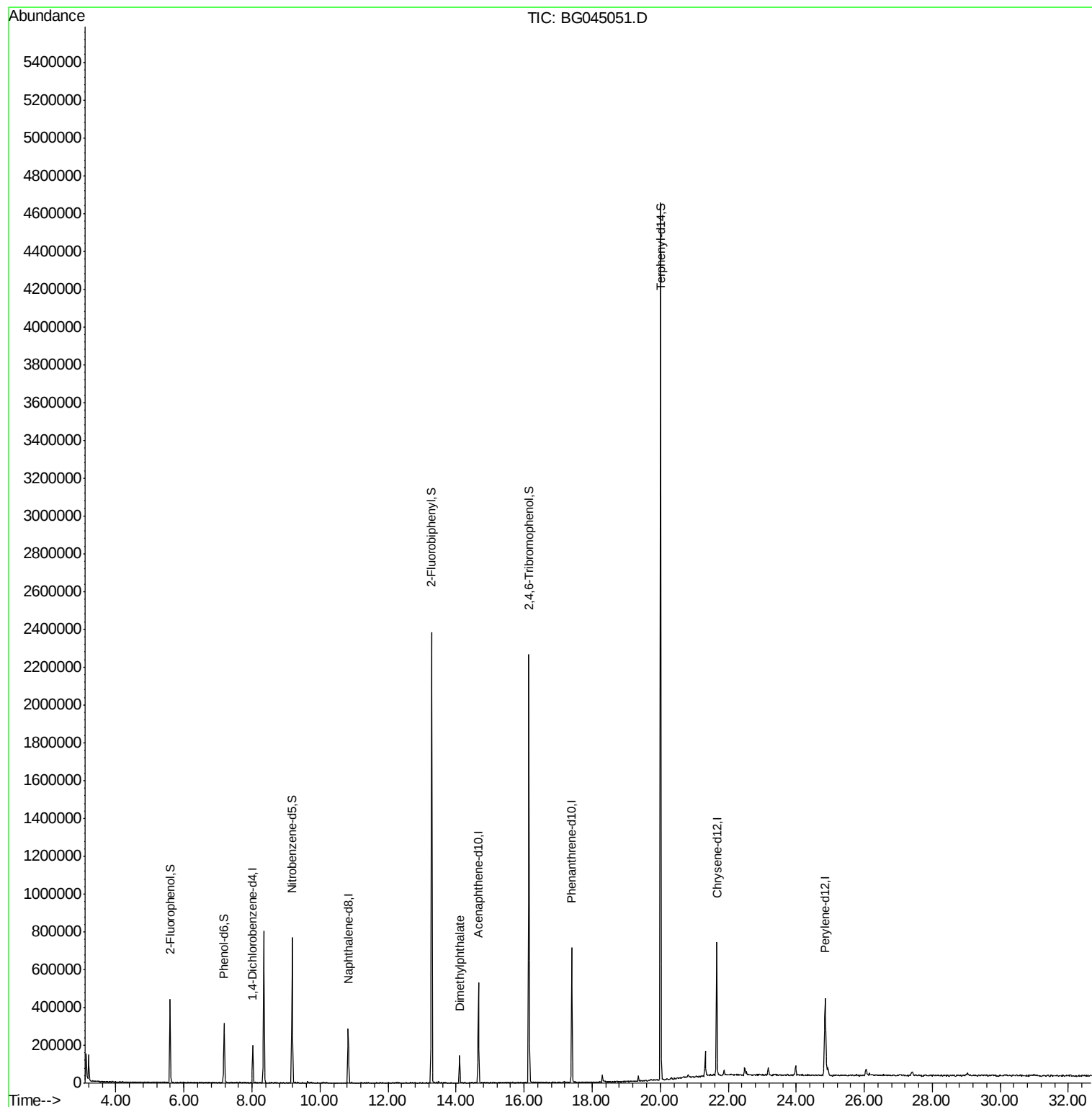
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	59452	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	265244	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	207018	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	485887	20.00	ng	0.00
76) Chrysene-d12	21.66	240	451261	20.00	ng	0.00
87) Perylene-d12	24.85	264	477860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	219472	60.95	ng	0.00
7) Phenol-d6	7.18	99	212017	39.63	ng	0.00
23) Nitrobenzene-d5	9.18	82	526850	90.63	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	458284	143.30	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1269694	89.93	ng	0.00
79) Terphenyl-d14	20.01	244	2175815	105.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	96150	5.704	ng	Qvalue 96

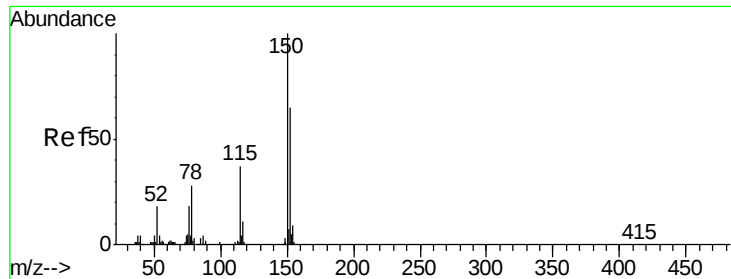
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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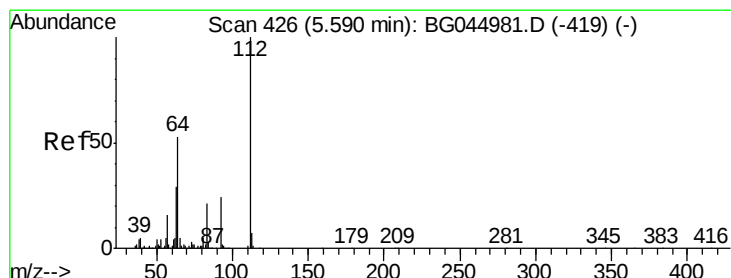
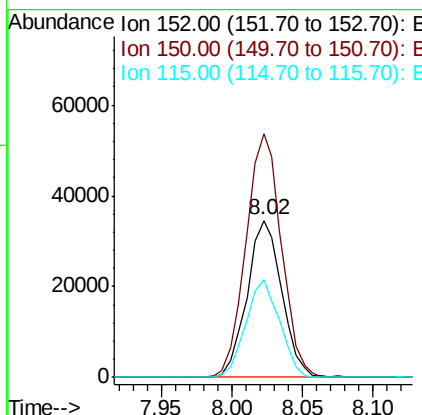
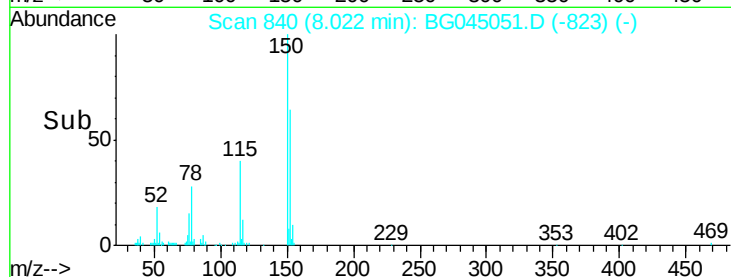
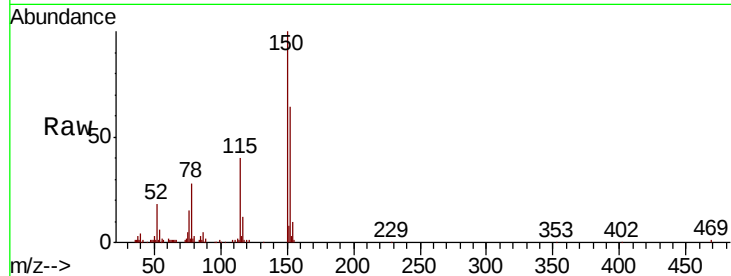




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045051.D
 Acq: 18 Apr 2020 4:26

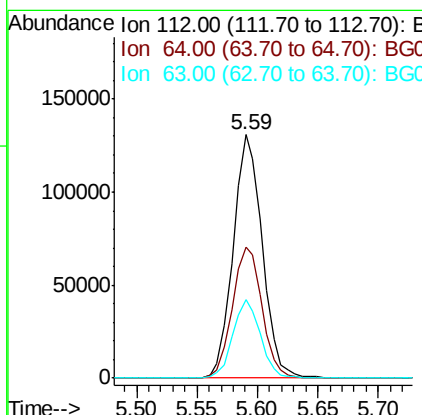
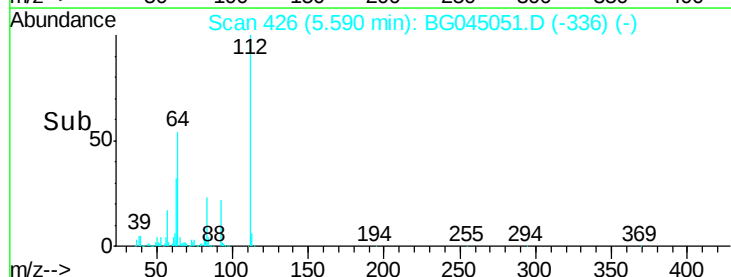
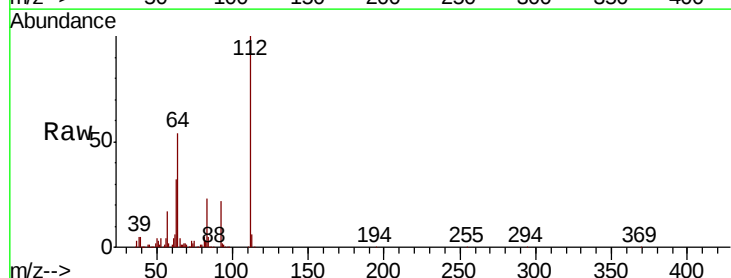
Instrument :
 BNA_G
 ClientSampleId :
 WC-7

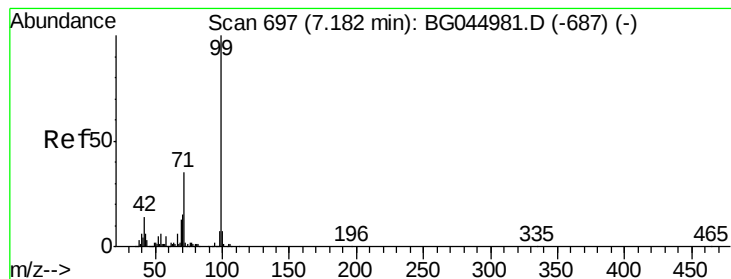
Tot Ion:	152	Resp:	59452
Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.6	185.4
115	62.5	49.1	73.7



#5
 2-Fluorophenol
 Concen: 60.946 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045051.D
 Acq: 18 Apr 2020 4:26

Tgt Ion:	112	Resp:	219472
Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.4	63.6
63	32.4	23.1	34.7





#7

Phenol-d6

Concen: 39.627 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045051.D

Acq: 18 Apr 2020 4:26

Instrument :

BNA_G

ClientSampleId :

WC-7

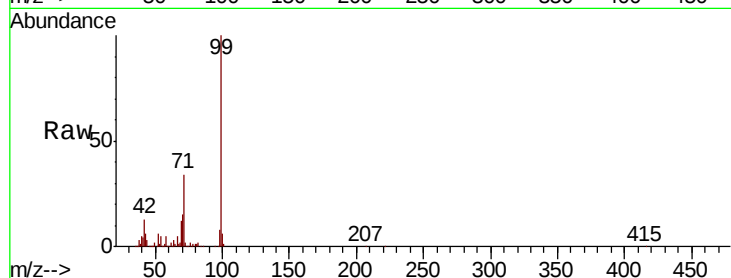
Tot Ion: 99 Resp: 212017

Ion Ratio Lower Upper

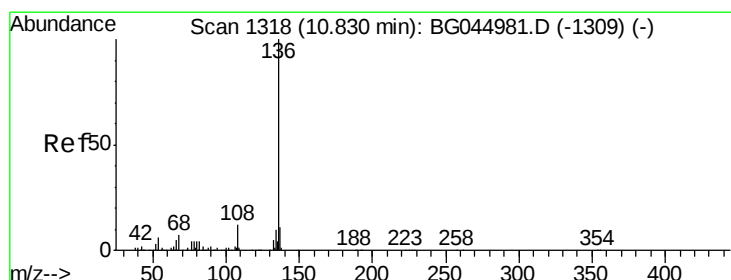
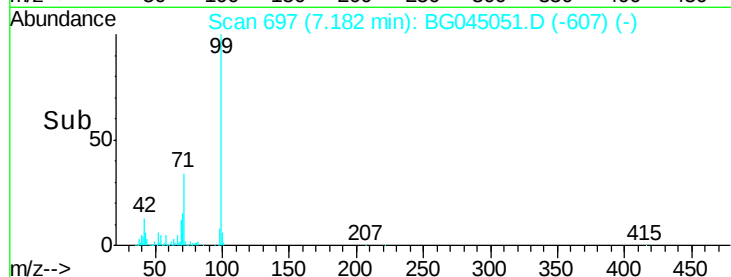
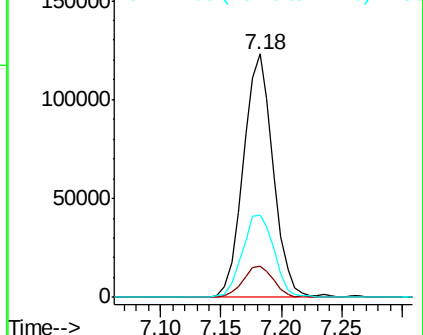
99 100

42 12.6 11.3 16.9

71 33.6 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: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045051.D

Acq: 18 Apr 2020 4:26

Tgt Ion: 136 Resp: 265244

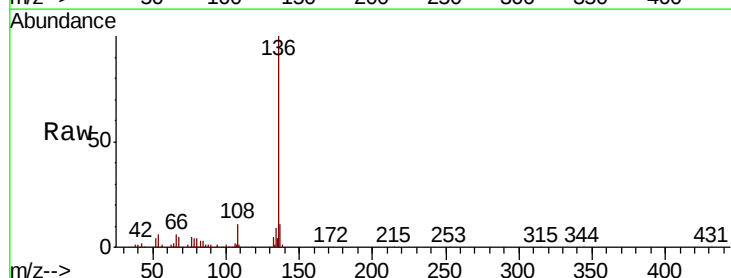
Ion Ratio Lower Upper

136 100

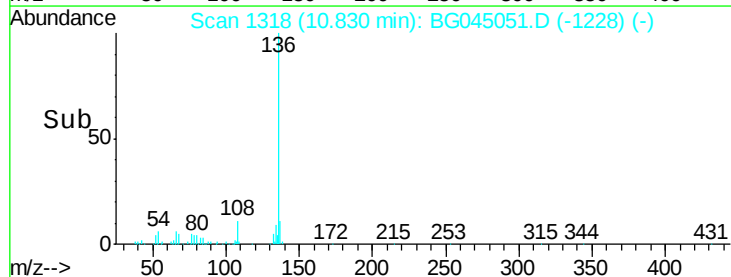
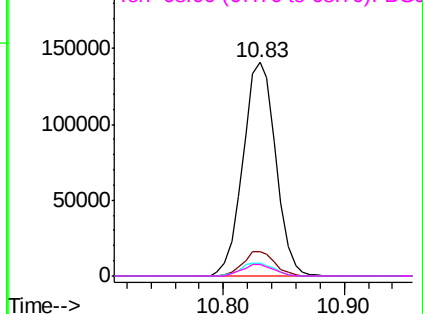
137 11.1 8.6 13.0

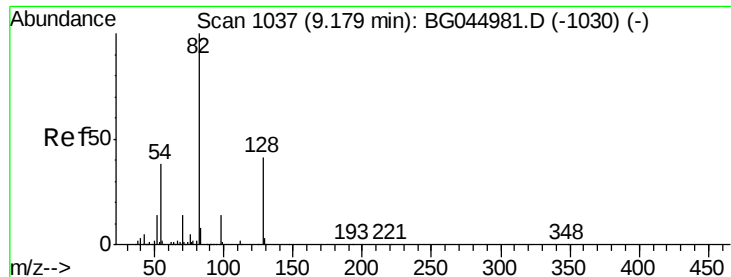
54 5.8 4.8 7.2

68 5.2 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

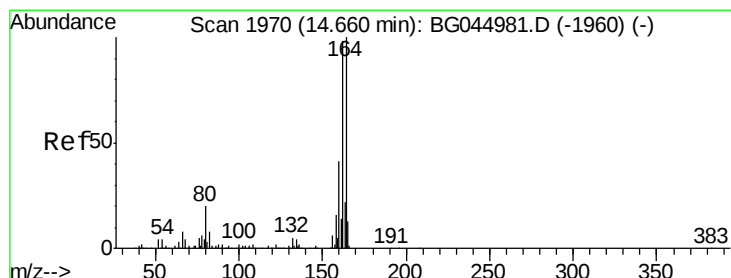
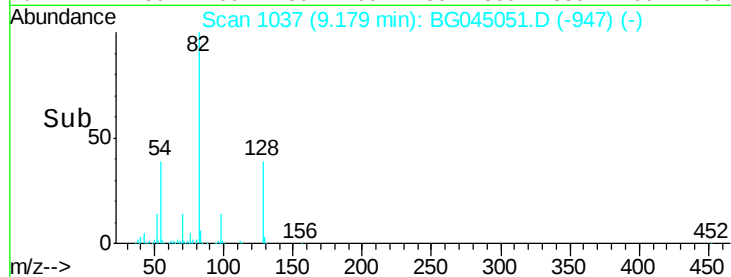
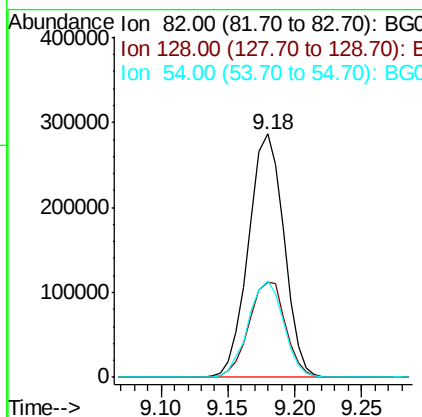
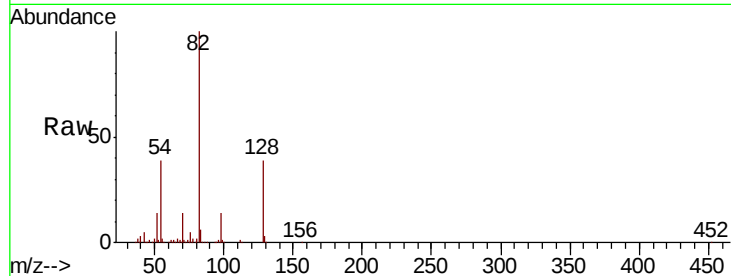




#23
 Nitrobenzene-d5
 Concen: 90.632 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045051.D
 Acq: 18 Apr 2020 4:26

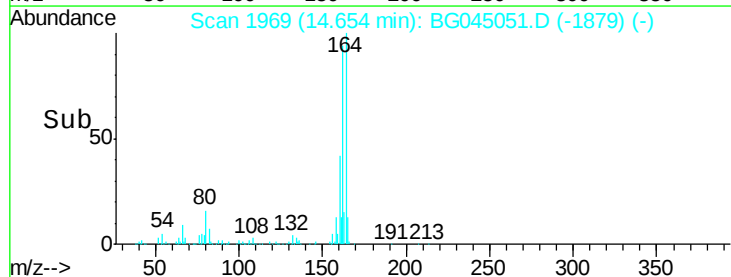
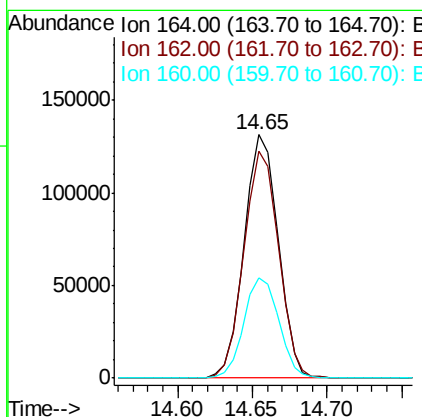
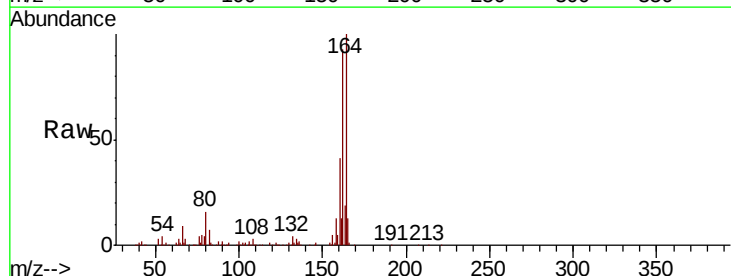
Instrument :
 BNA_G
 ClientSampleId :
 WC-7

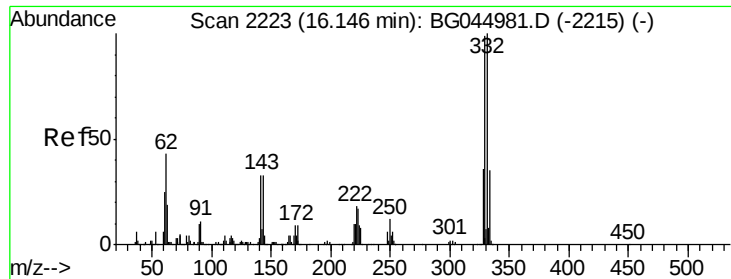
Tot Ion	82	Resp	526850
Ion Ratio	Lower	Upper	
82	100		
128	38.9	33.0	49.4
54	39.5	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045051.D
 Acq: 18 Apr 2020 4:26

Tgt Ion	164	Resp	207018
Ion Ratio	Lower	Upper	
164	100		
162	93.2	78.7	118.1
160	41.4	32.8	49.2

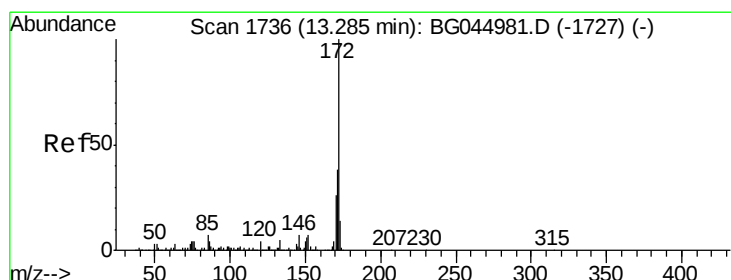
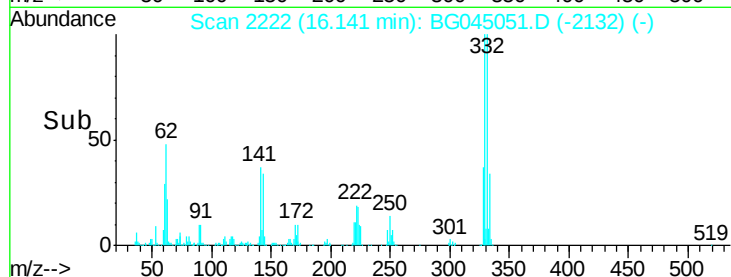
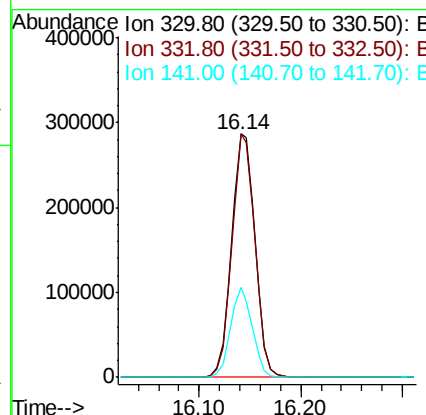
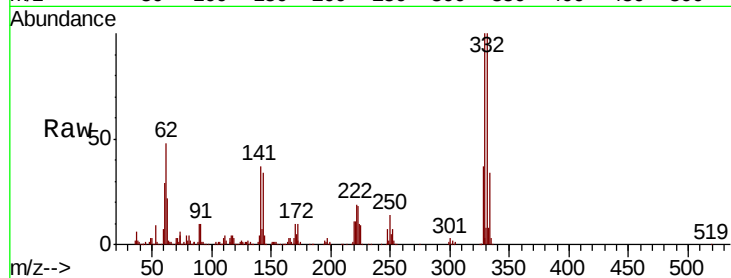




#42
 2,4,6-Tribromophenol
 Concen: 143.296 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045051.D
 Acq: 18 Apr 2020 4:26

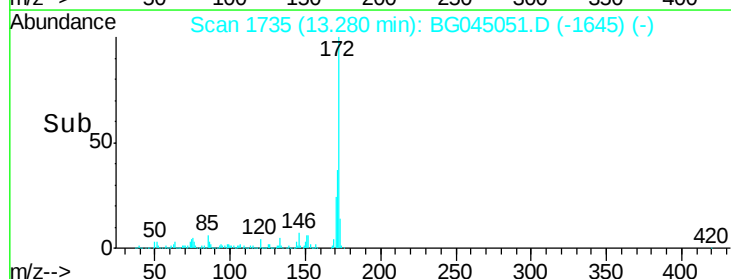
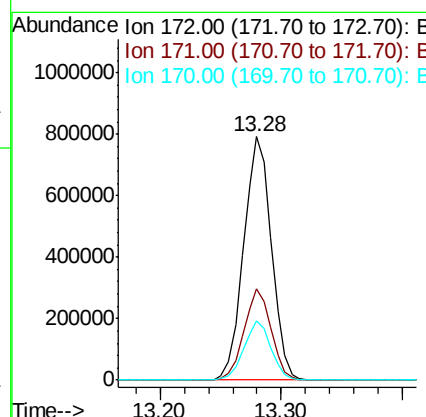
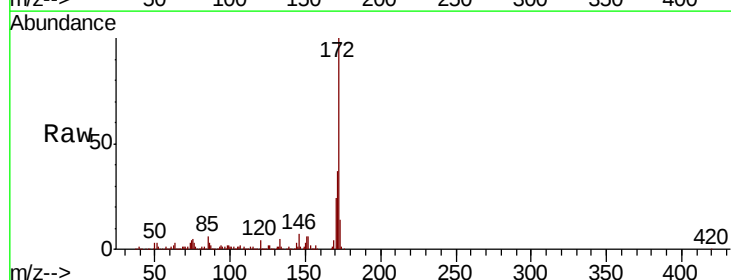
Instrument :
 BNA_G
 ClientSampleId :
 WC-7

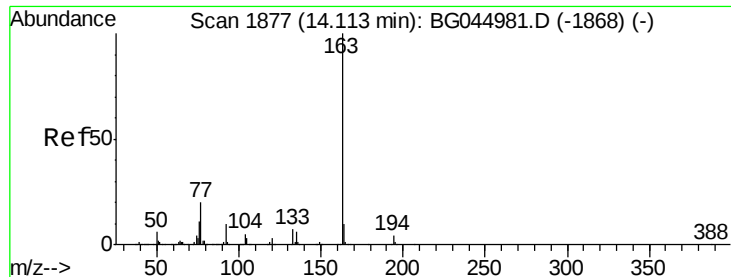
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	34.3	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 89.933 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045051.D
 Acq: 18 Apr 2020 4:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	24.4	20.5	30.7





#50

Dimethylphthalate

Concen: 5.704 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG045051.D

Acq: 18 Apr 2020 4:26

Instrument :

BNA_G

ClientSampleId :

WC-7

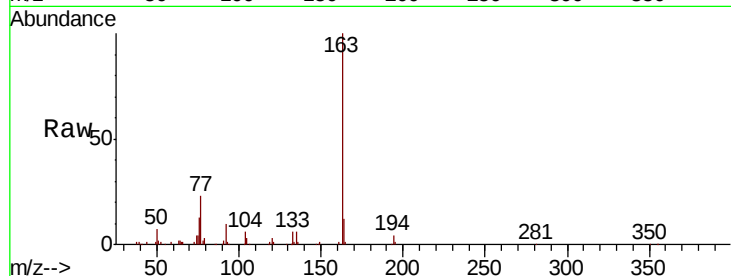
Tot Ion:163 Resp: 96150

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

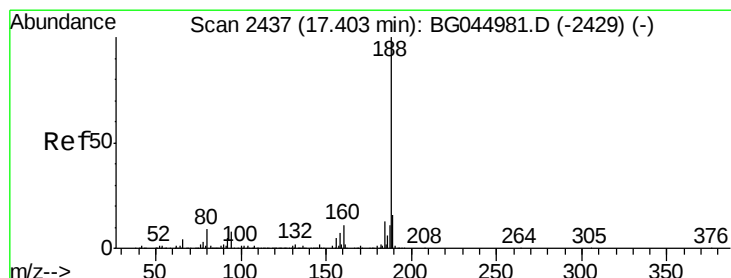
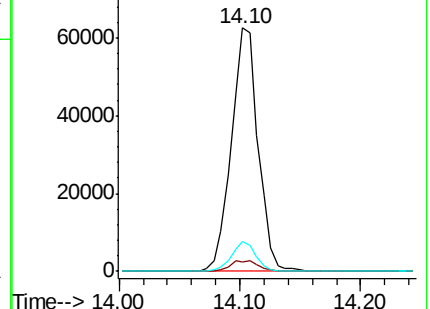
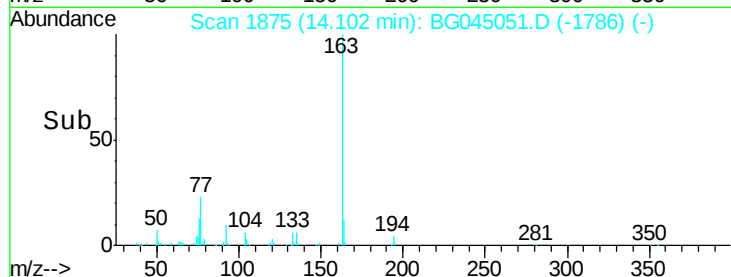
164 12.2 8.2 12.4



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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045051.D

Acq: 18 Apr 2020 4:26

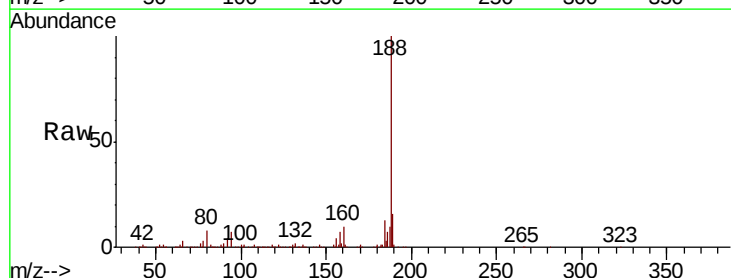
Tgt Ion:188 Resp: 485887

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

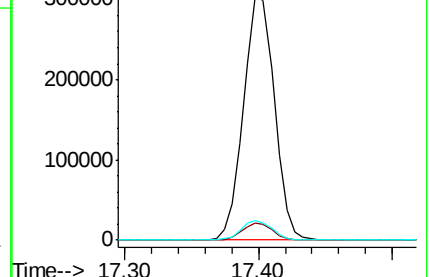
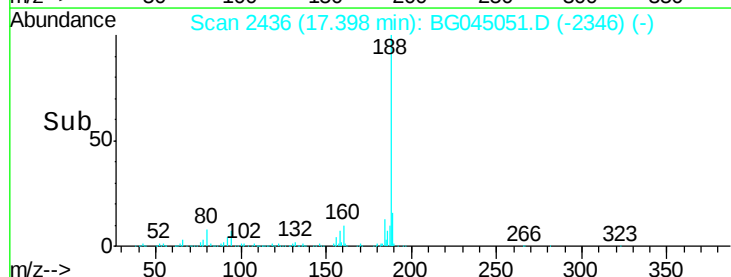
80 7.9 7.0 10.6

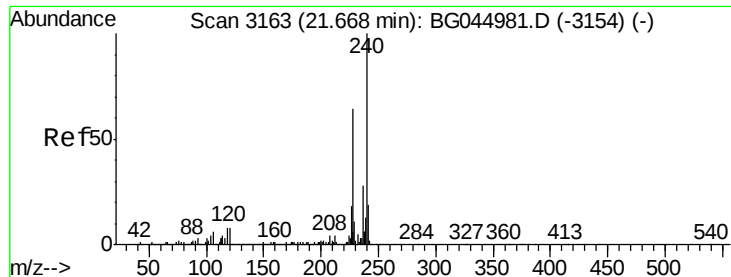


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

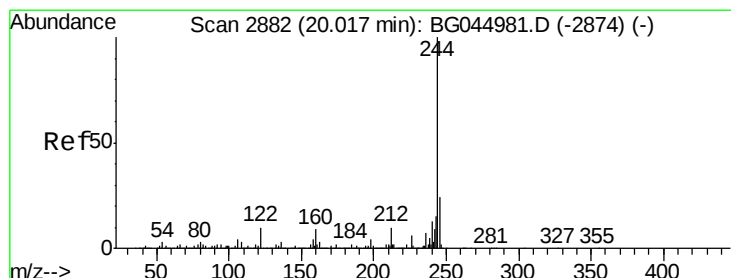
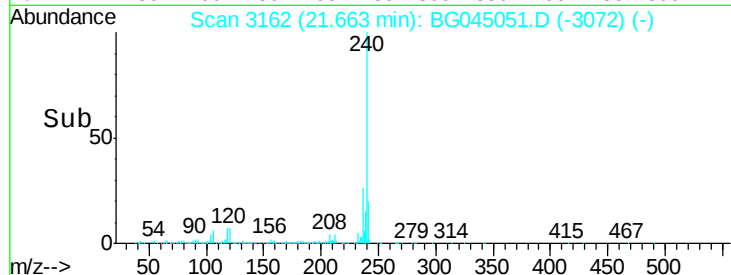
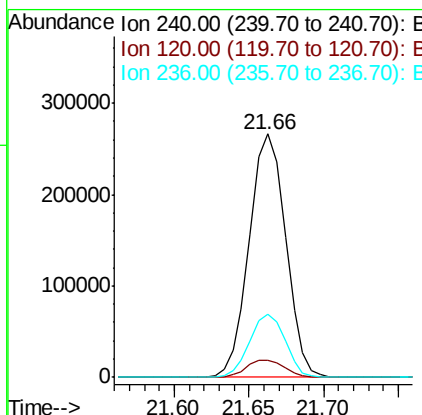
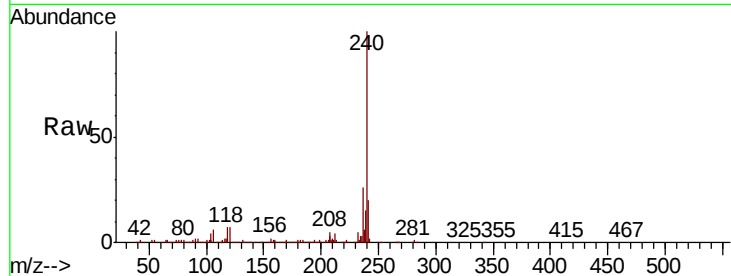




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045051.D
Acq: 18 Apr 2020 4:26

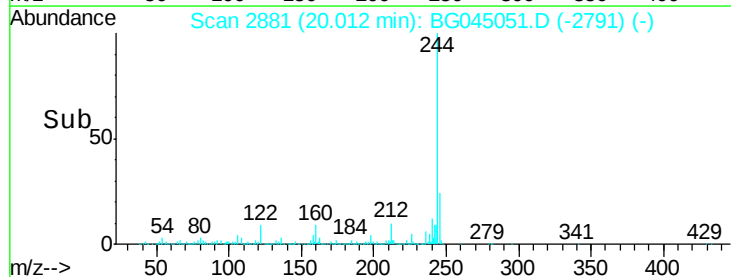
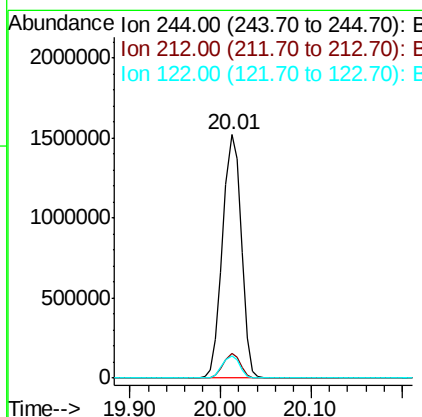
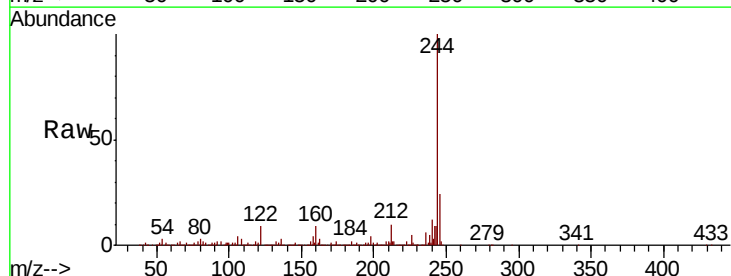
Instrument :
BNA_G
ClientSampleId :
WC-7

Tot Ion:240 Resp: 451261
Ion Ratio Lower Upper
240 100
120 7.1 6.6 10.0
236 26.1 22.2 33.2



#79
Terphenyl-d14
Concen: 105.091 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045051.D
Acq: 18 Apr 2020 4:26

Tgt Ion:244 Resp: 2175815
Ion Ratio Lower Upper
244 100
212 10.0 7.9 11.9
122 8.9 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045051.D
Acq: 18 Apr 2020 4:26

Instrument :
BNA_G
ClientSampleId :
WC-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.9	19.0	28.4

