

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BG045225.D
 Acq On : 1 May 2020 20:58
 Operator : CG/JU
 Sample : L2452-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 227

Quant Time: May 02 05:25:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

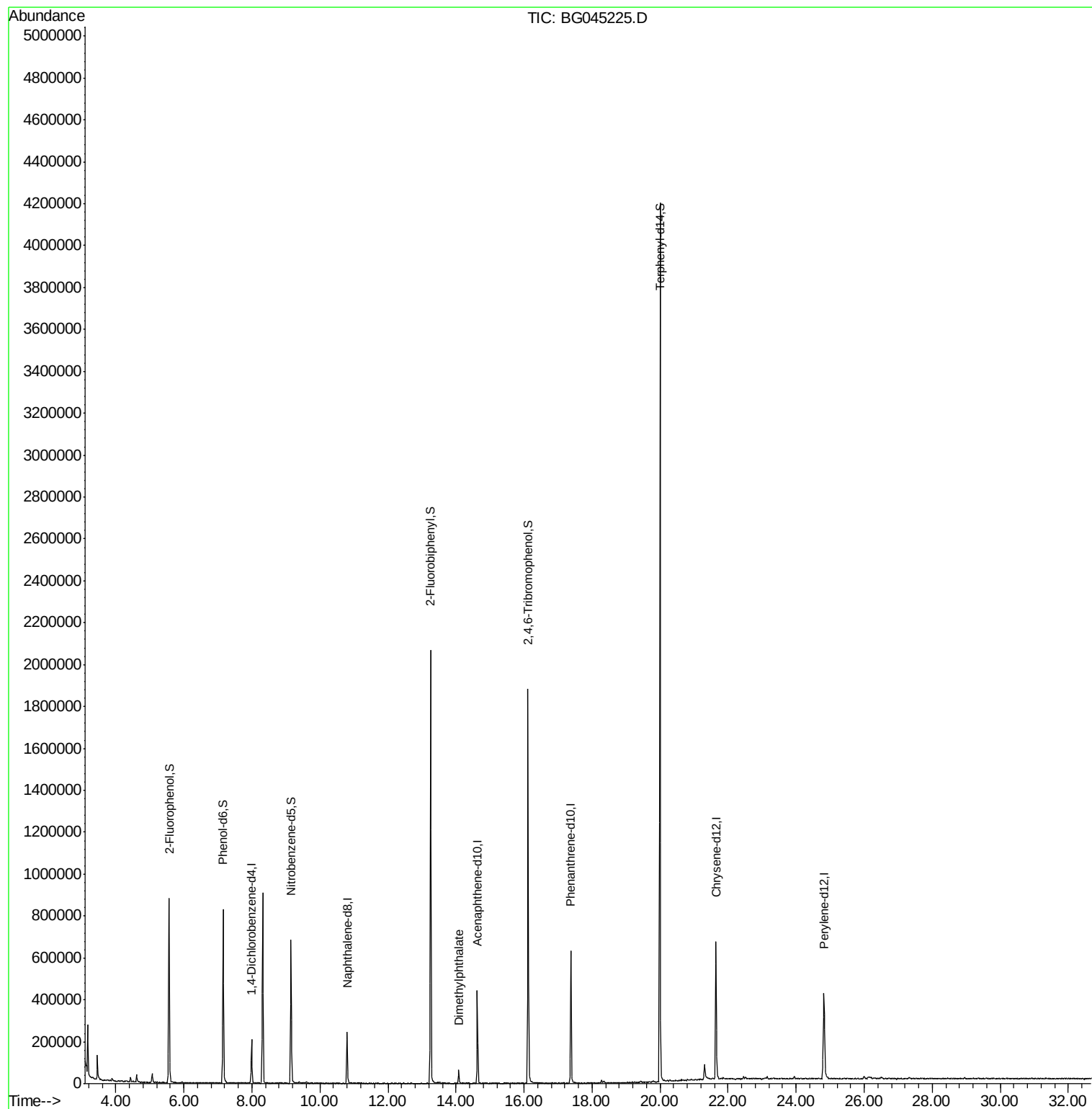
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60643	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	228149	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	171507	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	432435	20.00	ng	0.00
76) Chrysene-d12	21.64	240	440163	20.00	ng	0.00
87) Perylene-d12	24.82	264	473654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	450505	122.65	ng	0.00
7) Phenol-d6	7.16	99	554565	101.62	ng	0.00
23) Nitrobenzene-d5	9.15	82	487595	97.52	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	387596	146.29	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1152249	98.51	ng	0.00
79) Terphenyl-d14	20.00	244	2111579	104.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	47587	3.408	ng	Qvalue # 95

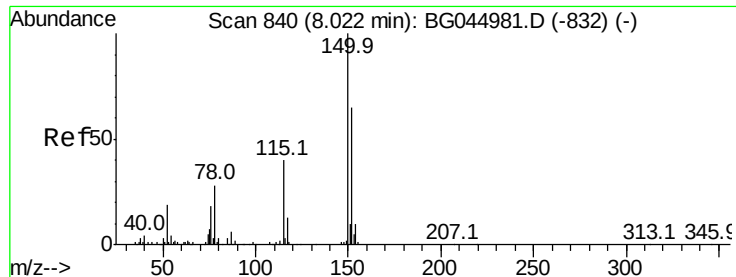
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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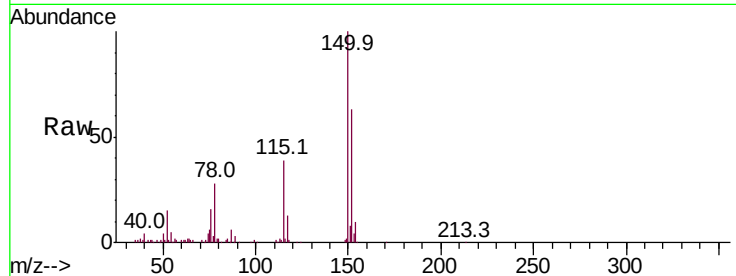


#1

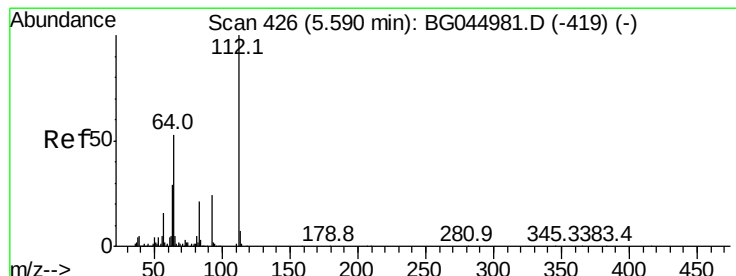
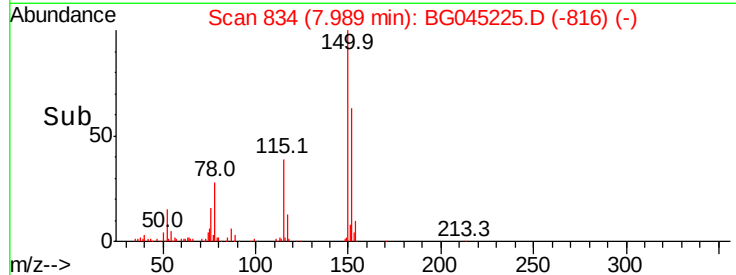
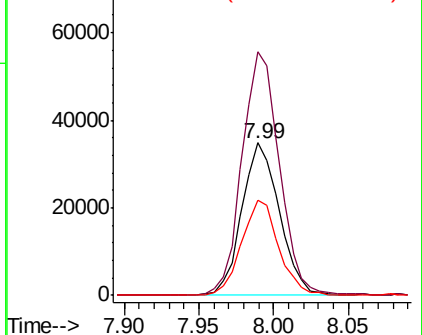
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
227

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.6	185.4
115	62.5	49.1	73.7



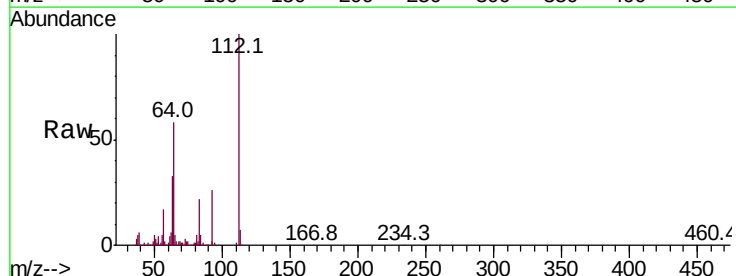
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



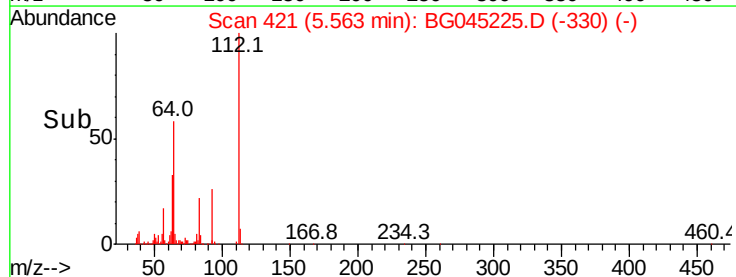
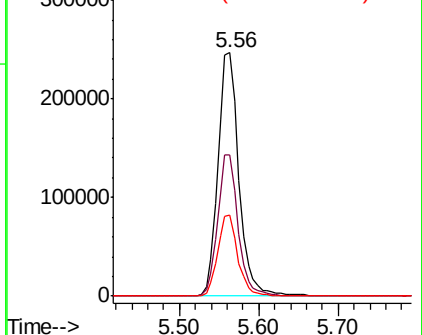
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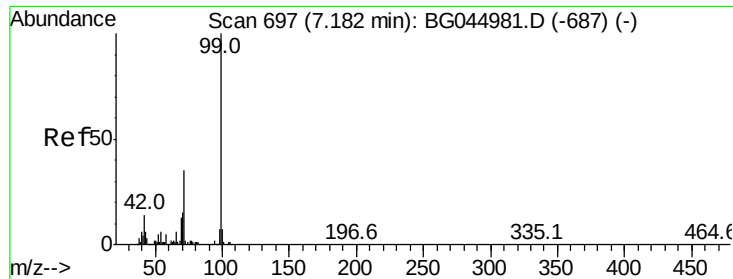
2-Fluorophenol
Concen: 122.646 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.4	63.6
63	33.2	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: 101.615 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045225.D

Acq: 1 May 2020 20:58

Instrument :

BNA_G

ClientSampleId :

227

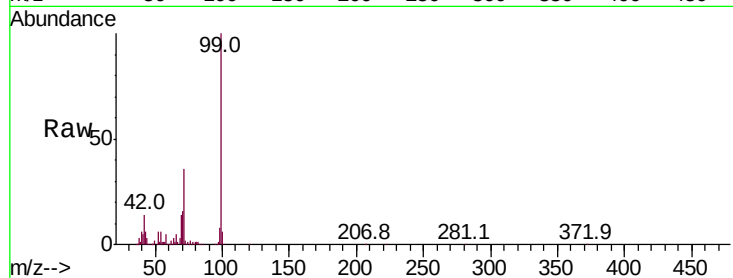
Tot Ion: 99 Resp: 554565

Ion Ratio Lower Upper

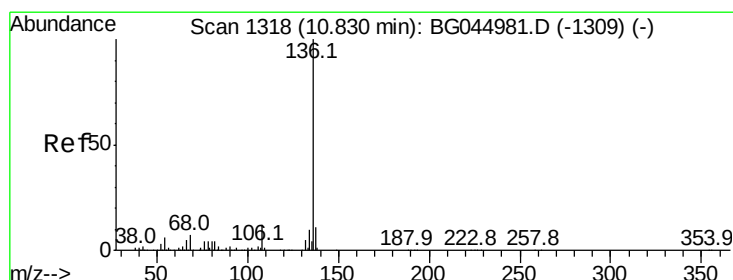
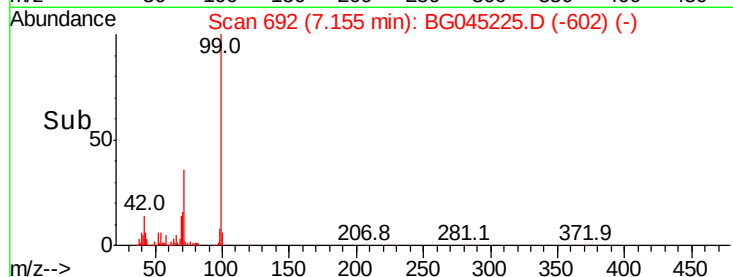
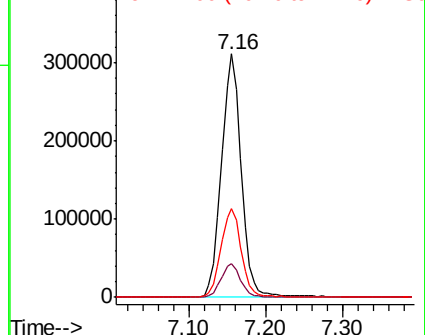
99 100

42 13.8 11.3 16.9

71 36.4 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: 10.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG045225.D

Acq: 1 May 2020 20:58

Tgt Ion: 136 Resp: 228149

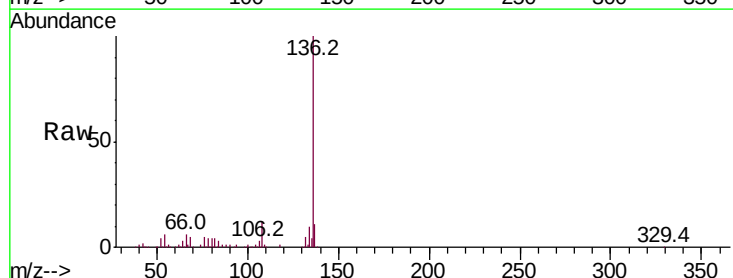
Ion Ratio Lower Upper

136 100

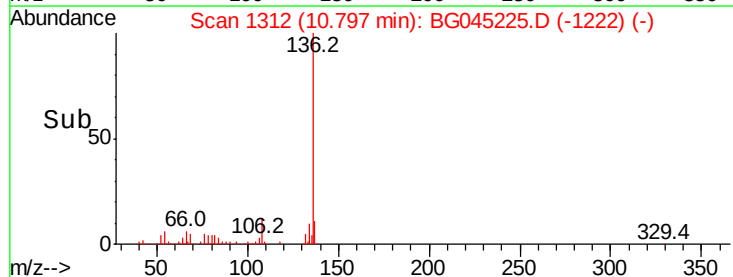
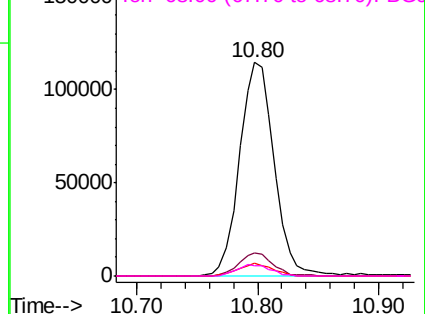
137 10.9 8.6 13.0

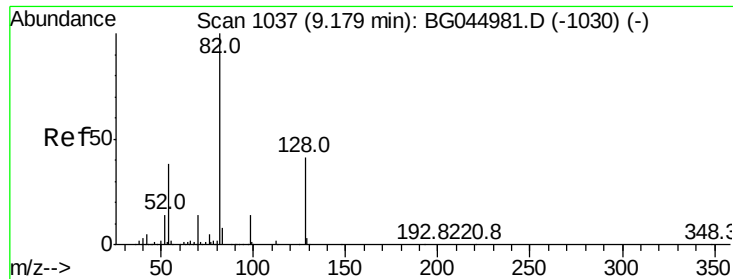
54 6.2 4.8 7.2

68 4.6 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

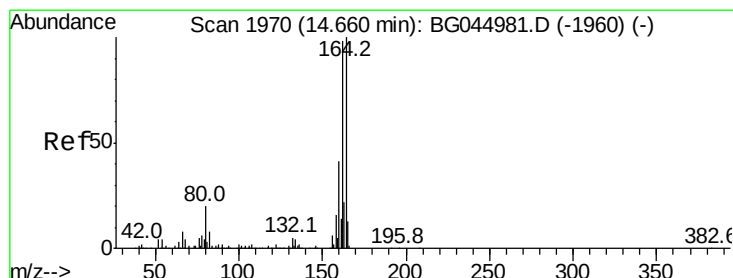
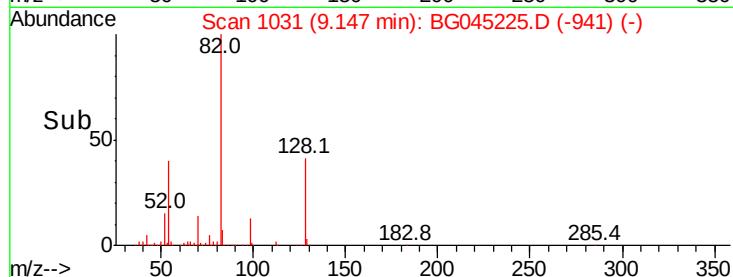
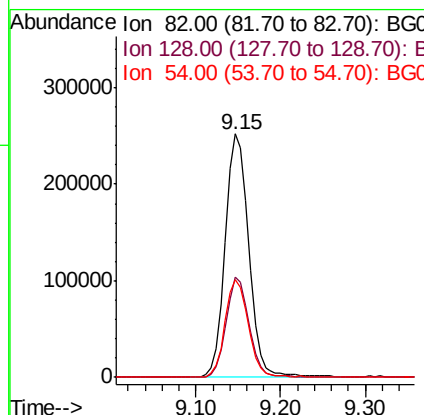
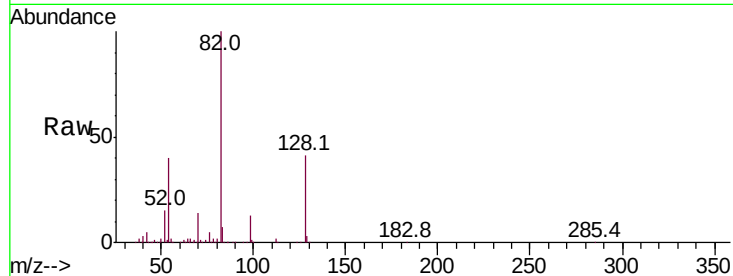




#23
 Nitrobenzene-d5
 Concen: 97.517 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BG045225.D
 Acq: 1 May 2020 20:58

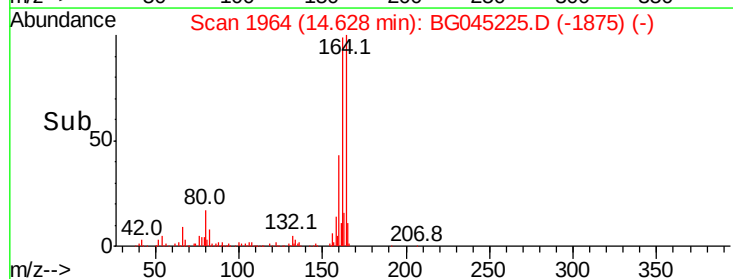
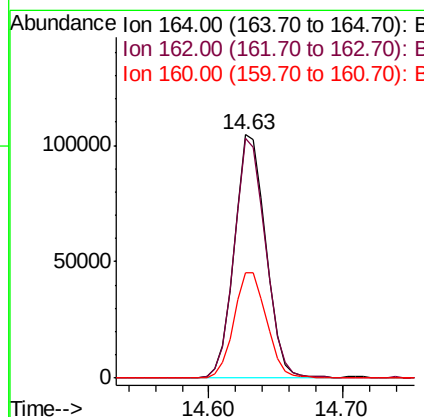
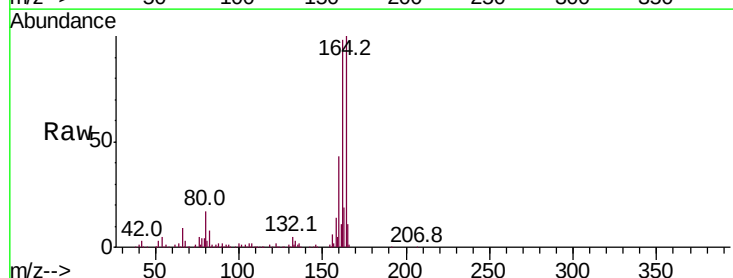
Instrument :
 BNA_G
 ClientSampleId :
 227

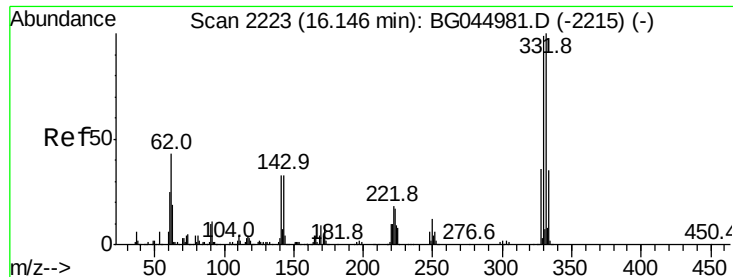
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.0	49.4
54	39.9	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG045225.D
 Acq: 1 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.7	118.1
160	43.2	32.8	49.2

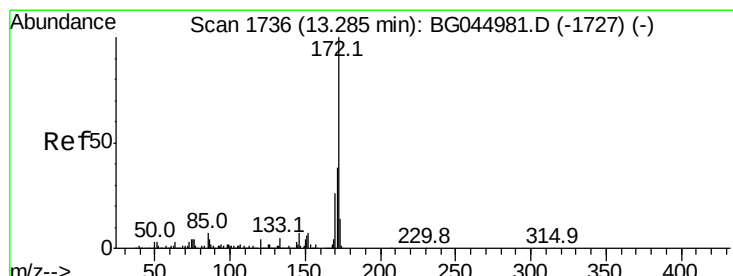
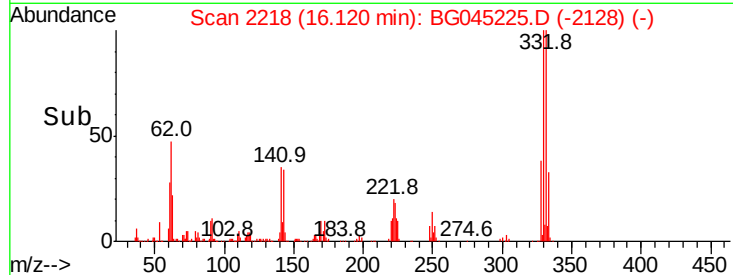
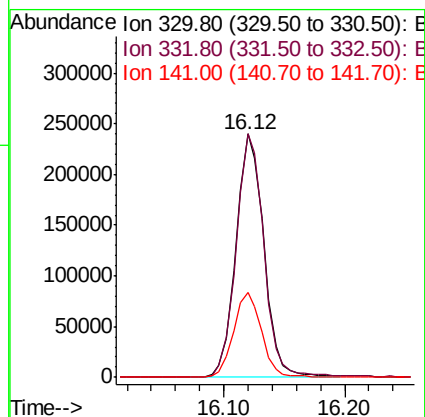
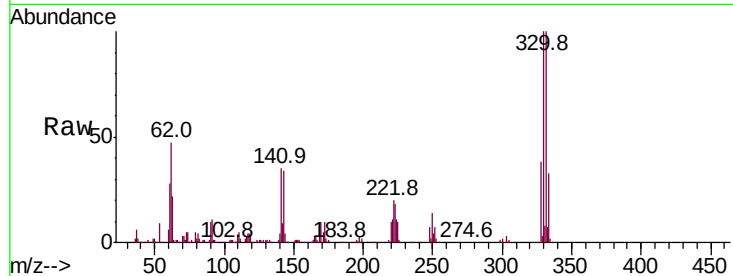




#42
 2,4,6-Tribromophenol
 Concen: 146.287 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045225.D
 Acq: 1 May 2020 20:58

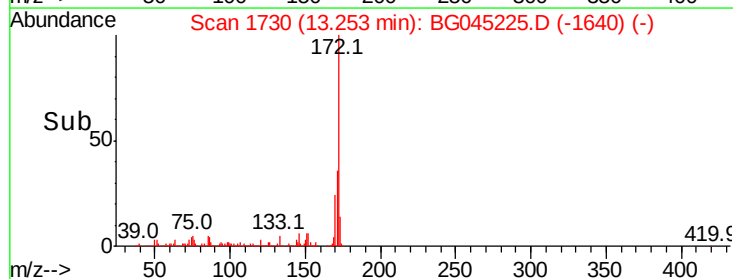
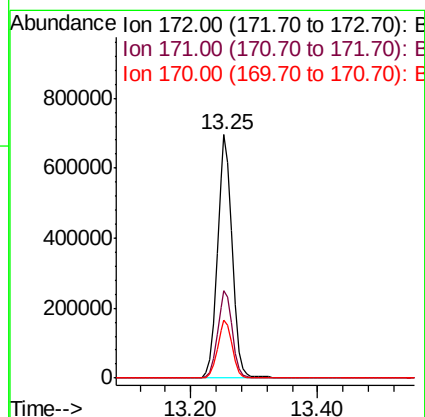
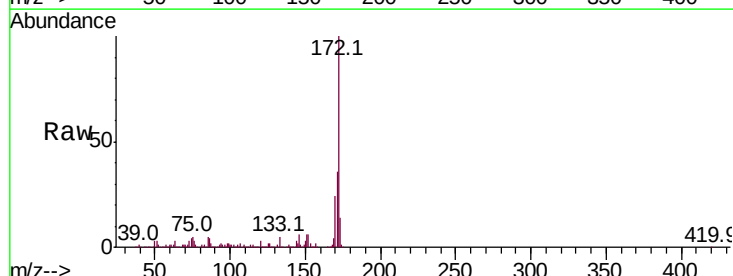
Instrument :
 BNA_G
 ClientSampleId :
 227

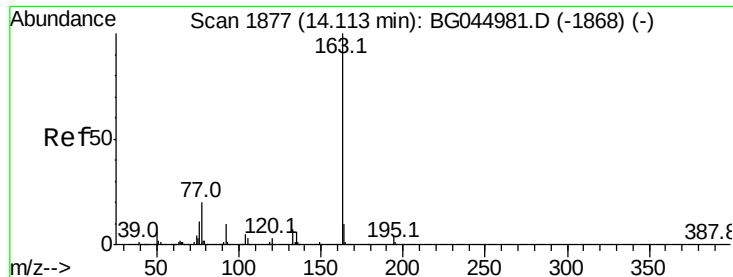
Tot Ion:330 Resp: 387596
 Ion Ratio Lower Upper
 330 100
 332 99.8 79.1 118.7
 141 34.9 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 98.513 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045225.D
 Acq: 1 May 2020 20:58

Tgt Ion:172 Resp: 1152249
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.6 46.0
 170 23.9 20.5 30.7

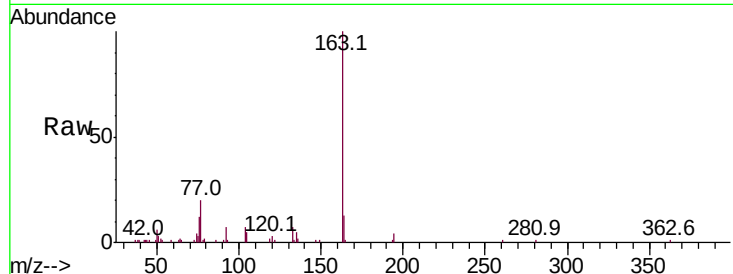




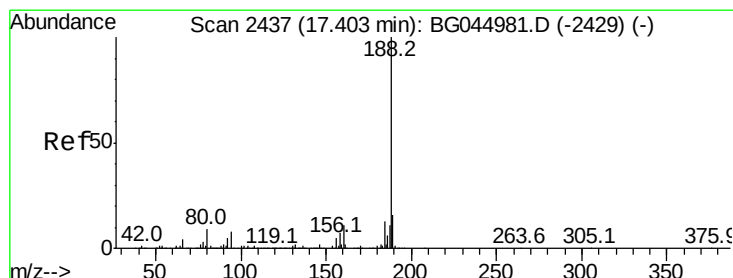
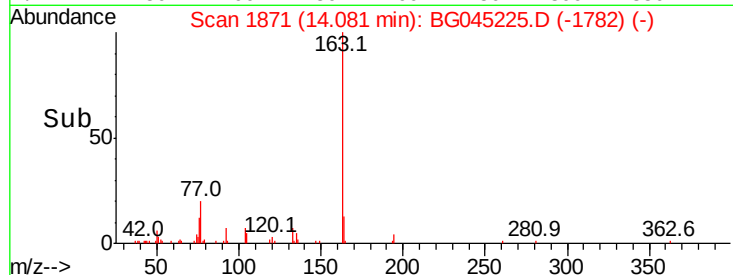
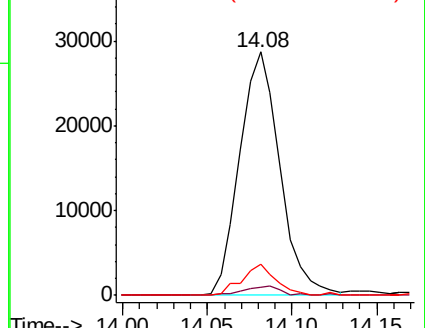
#50
Dimethylphthalate
Concen: 3.408 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
227

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	12.7	8.2	12.4#

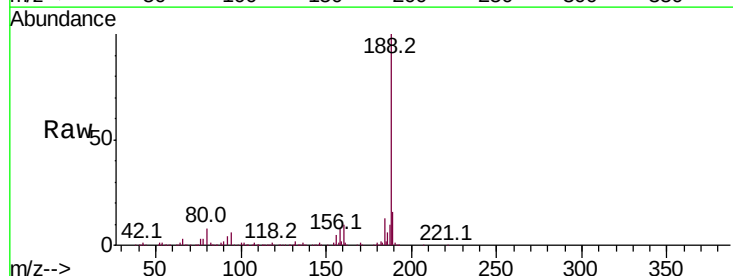


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

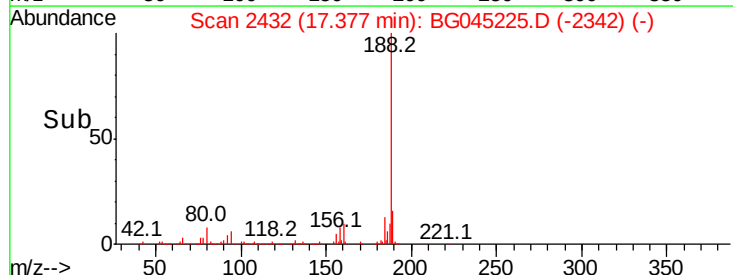
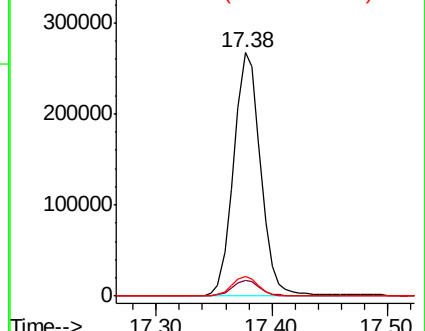


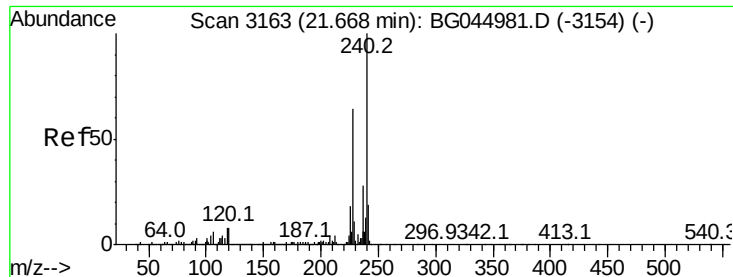
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.2	9.4
80	8.3	7.0	10.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

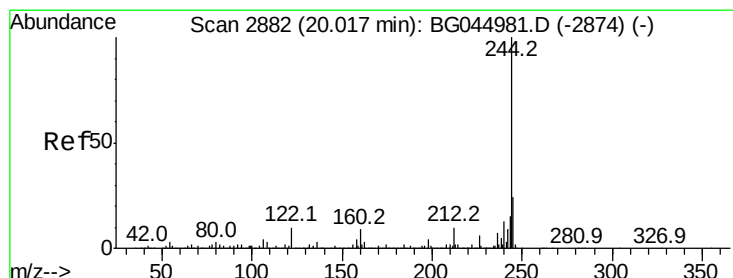
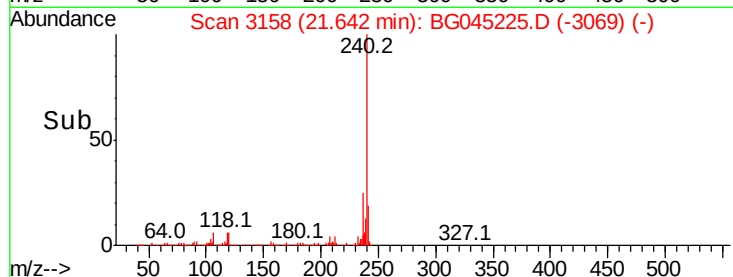
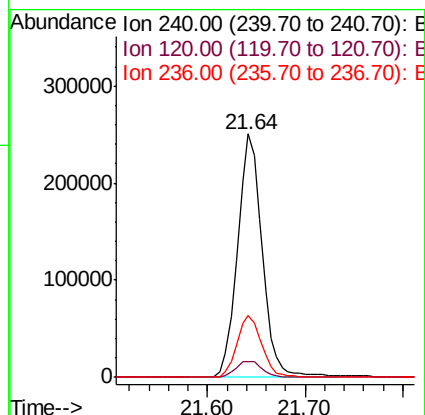
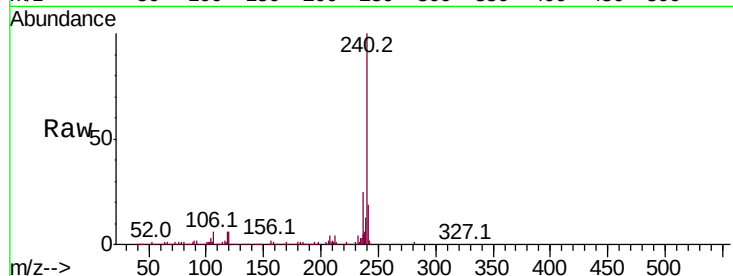




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG045225.D
 Acq: 1 May 2020 20:58

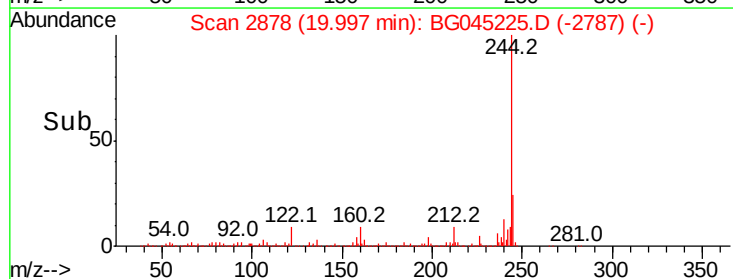
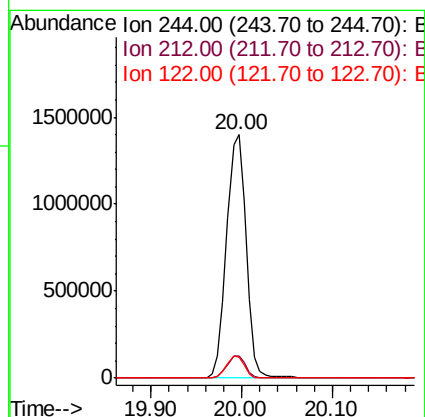
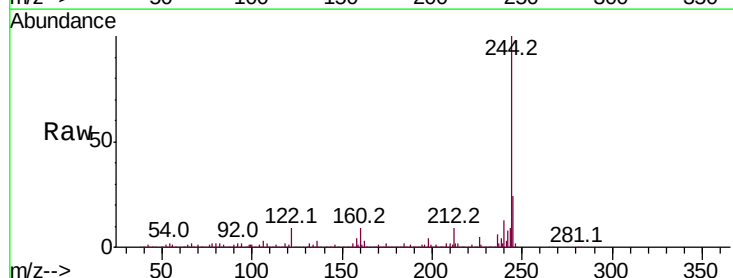
Instrument :
 BNA_G
 ClientSampleId :
 227

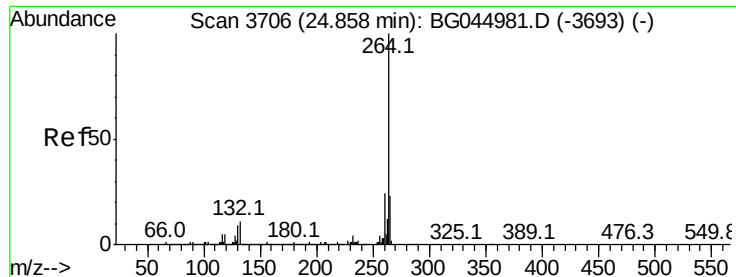
Tot Ion:240 Resp: 440163
 Ion Ratio Lower Upper
 240 100
 120 6.3 6.6 10.0#
 236 25.4 22.2 33.2



#79
 Terphenyl-d14
 Concen: 104.560 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BG045225.D
 Acq: 1 May 2020 20:58

Tgt Ion:244 Resp: 2111579
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.9 11.9
 122 8.8 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG045225.D
Acq: 1 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
227

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	19.0	28.4

