

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BG045224.D
 Acq On : 1 May 2020 20:17
 Operator : CG/JU
 Sample : L2452-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 224

Quant Time: May 02 05:21:03 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

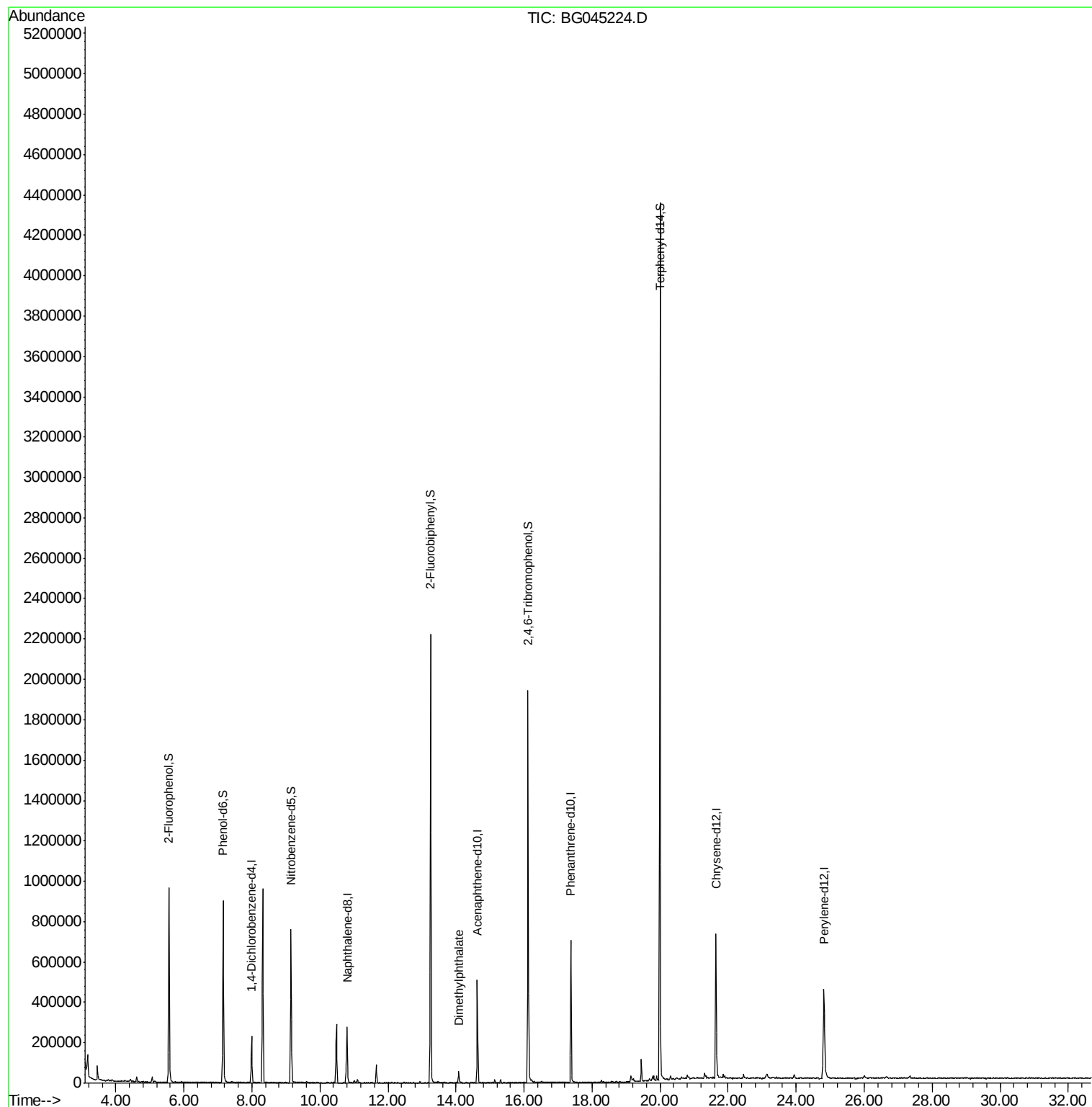
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	69530	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	251180	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	190731	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	477496	20.00	ng	0.00
76) Chrysene-d12	21.64	240	476170	20.00	ng	0.00
87) Perylene-d12	24.82	264	499044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	492169	116.86	ng	0.00
7) Phenol-d6	7.16	99	605713	96.80	ng	0.00
23) Nitrobenzene-d5	9.15	82	529512	96.19	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	404904	137.42	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1226020	94.26	ng	0.00
79) Terphenyl-d14	20.00	244	2153687	98.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	42902	2.762	ng	Qvalue 96

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

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Instrument :
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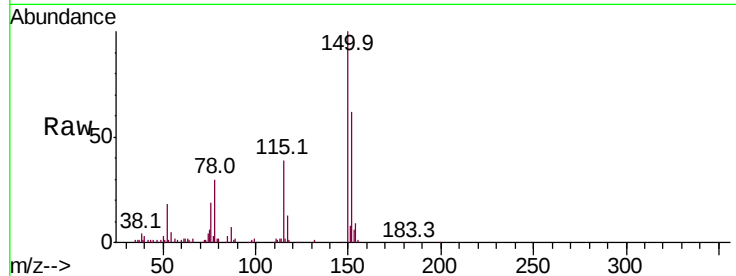


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045224.D
Acq: 1 May 2020 20:17

Instrument :
BNA_G
ClientSampled :
224

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.6	185.4
115	62.4	49.1	73.7

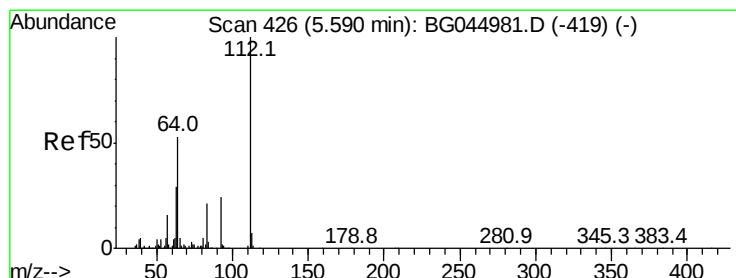
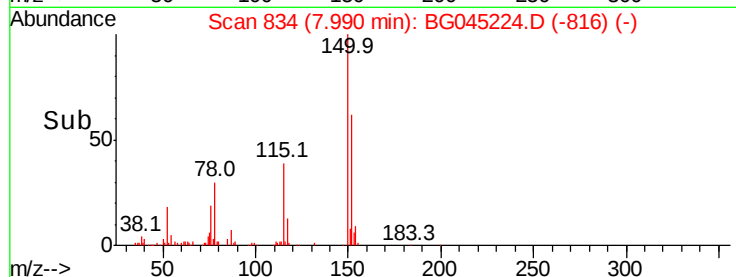
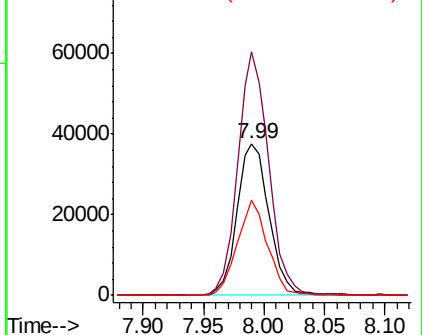


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

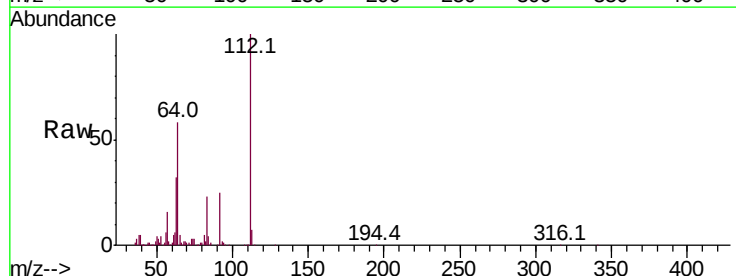
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.862 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG045224.D
Acq: 1 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	42.4	63.6
63	31.9	23.1	34.7

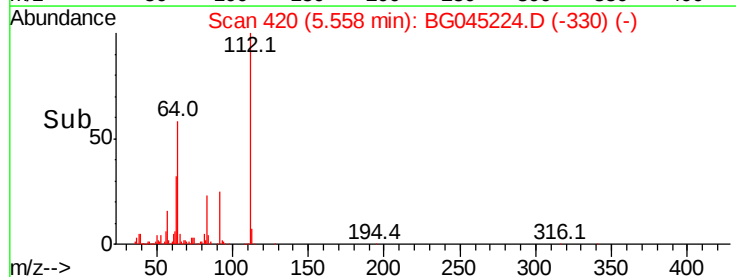
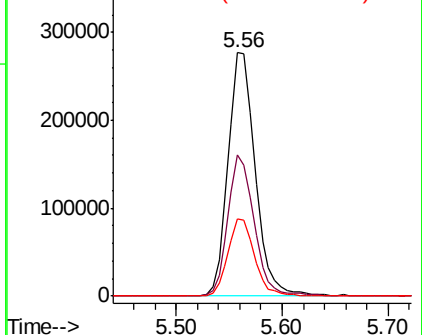


Abundance

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: 96.801 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045224.D

Acq: 1 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :
224

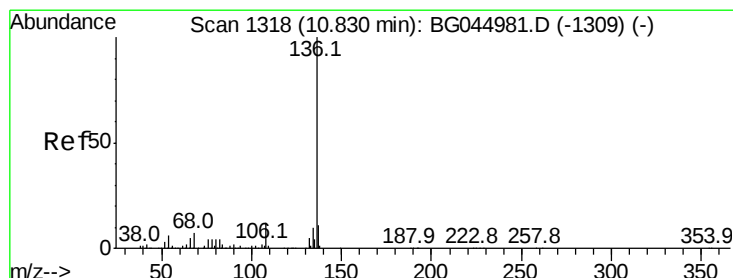
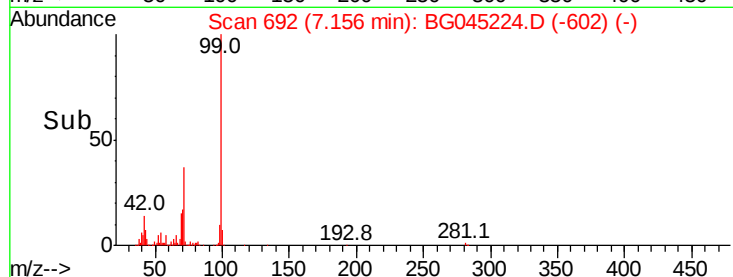
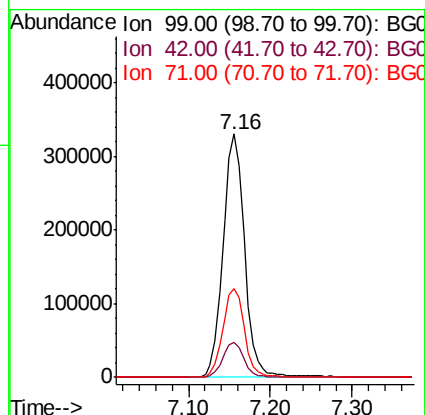
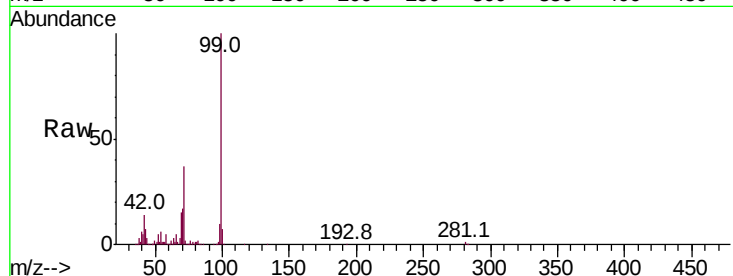
Tot Ion: 99 Resp: 605713

Ion Ratio Lower Upper

99 100

42 14.2 11.3 16.9

71 36.7 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG045224.D

Acq: 1 May 2020 20:17

Tgt Ion: 136 Resp: 251180

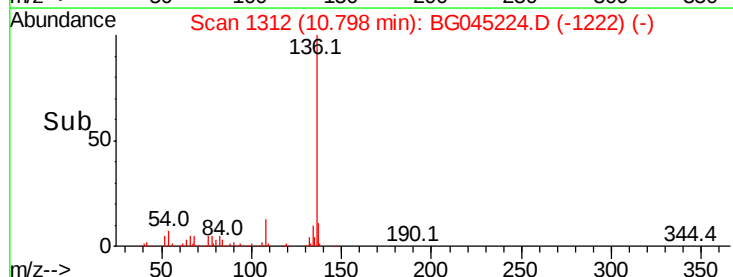
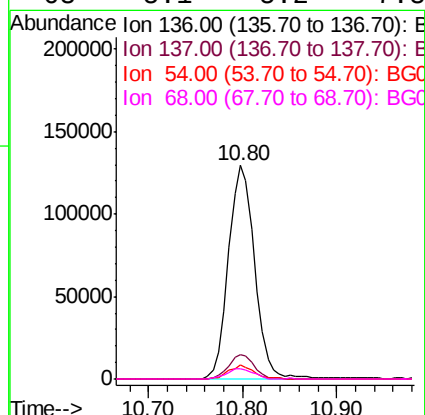
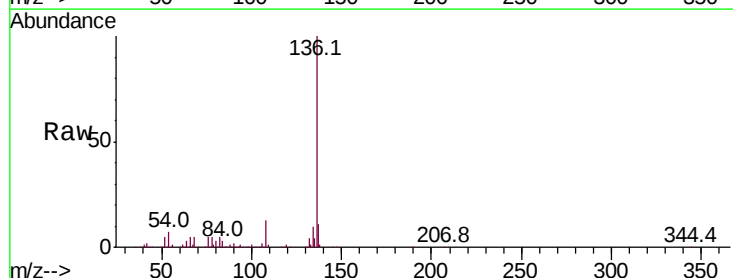
Ion Ratio Lower Upper

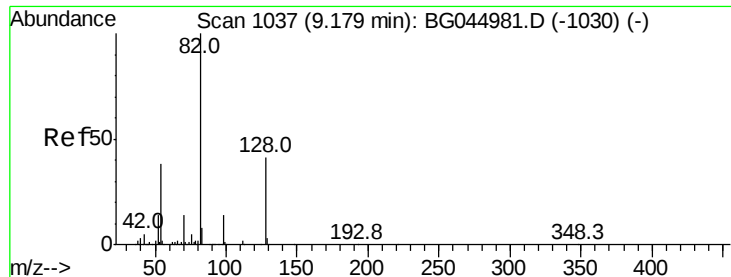
136 100

137 11.5 8.6 13.0

54 6.7 4.8 7.2

68 5.1 5.2 7.8#

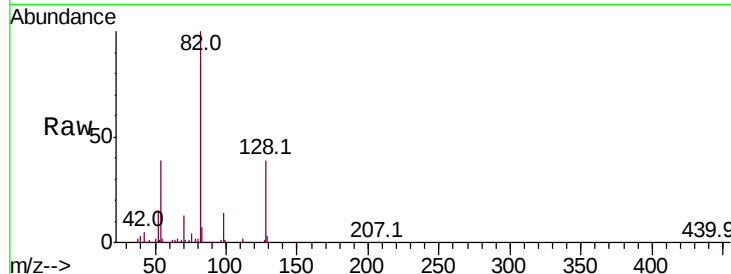




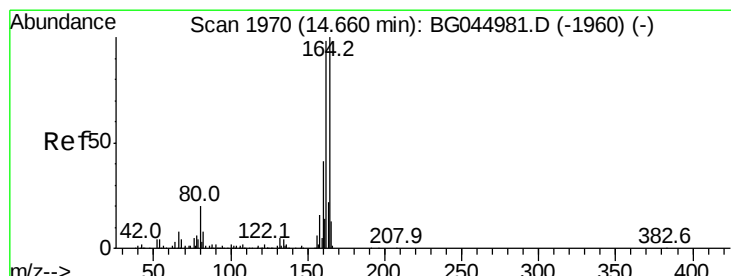
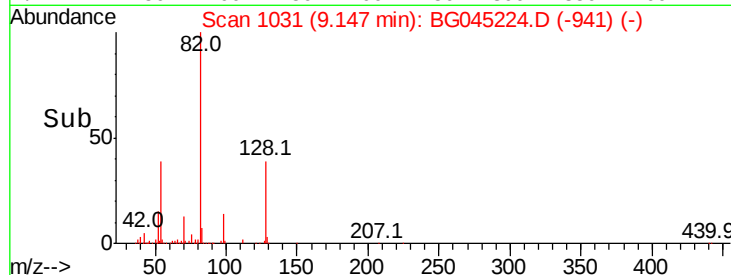
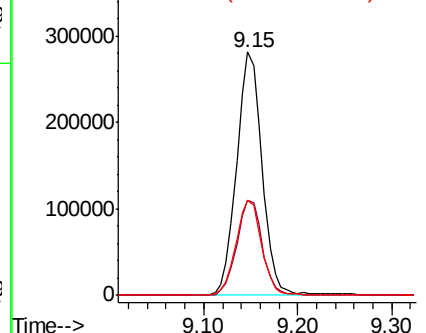
#23
 Nitrobenzene-d5
 Concen: 96.190 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BG045224.D
 Acq: 1 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 224

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.0	49.4
54	39.0	30.4	45.6

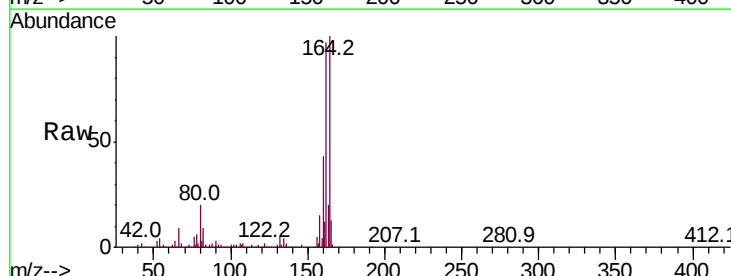


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

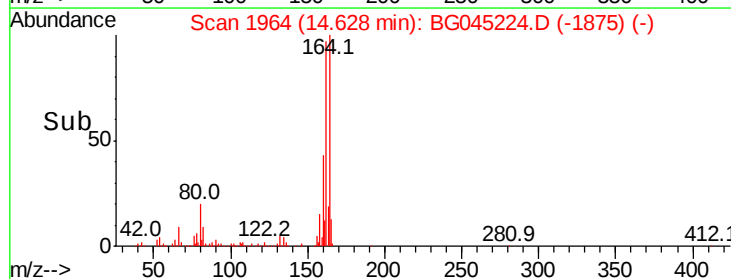
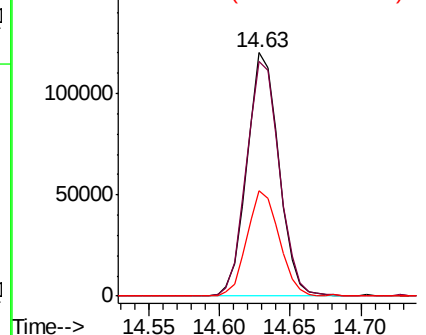


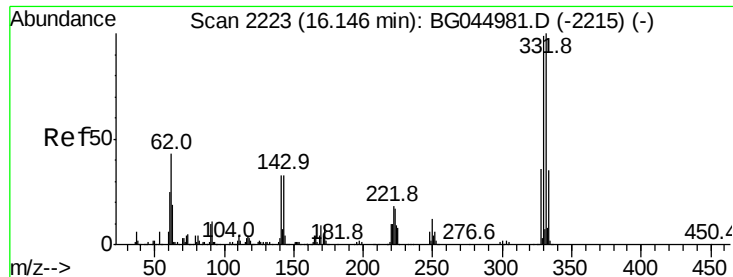
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG045224.D
 Acq: 1 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.7	118.1
160	43.3	32.8	49.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

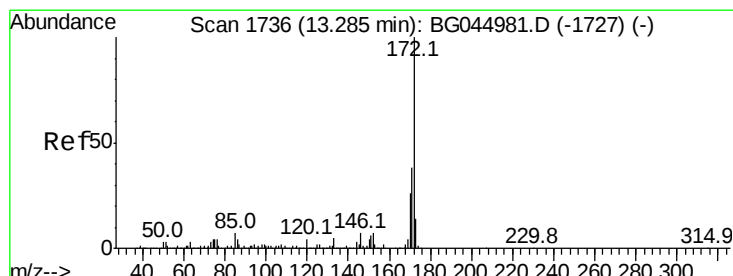
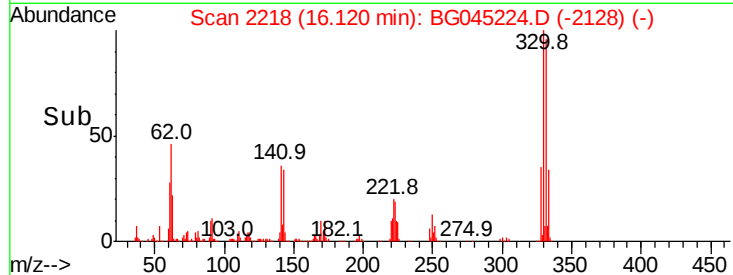
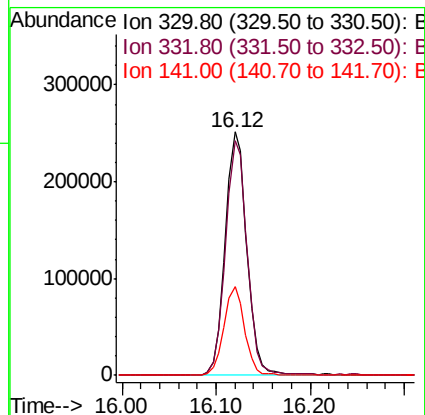
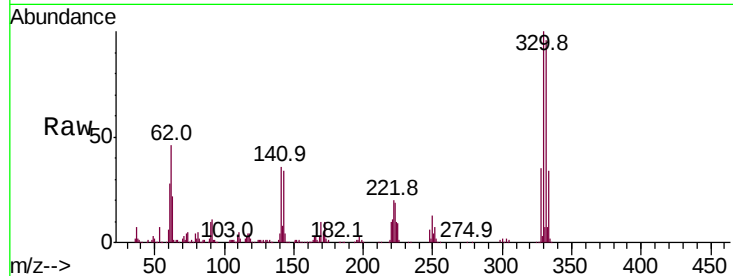




#42
 2,4,6-Tribromophenol
 Concen: 137.417 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045224.D
 Acq: 1 May 2020 20:17

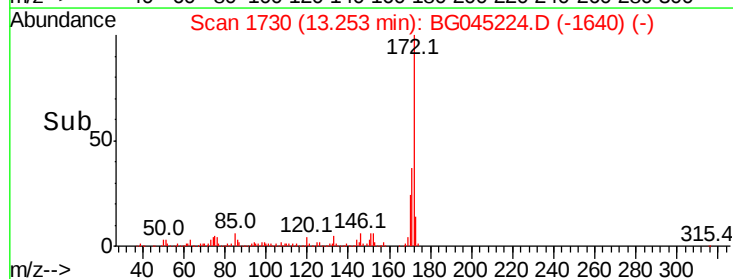
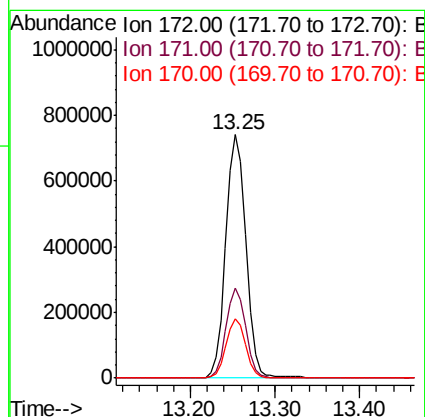
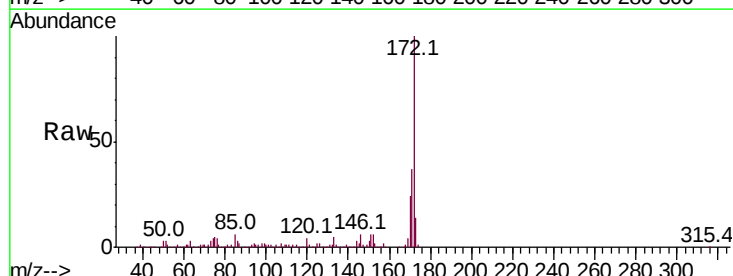
Instrument :
 BNA_G
 ClientSampleId :
 224

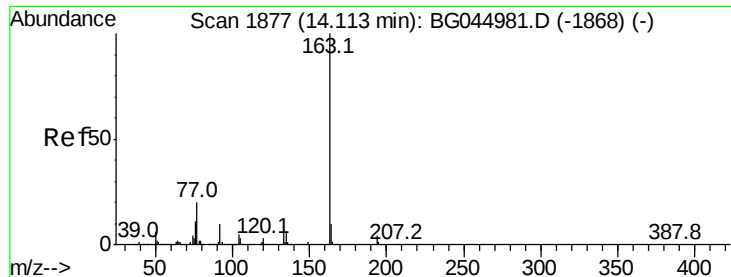
Tot Ion:330 Resp: 404904
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.1 118.7
 141 34.7 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 94.255 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045224.D
 Acq: 1 May 2020 20:17

Tgt Ion:172 Resp: 1226020
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.6 46.0
 170 24.5 20.5 30.7

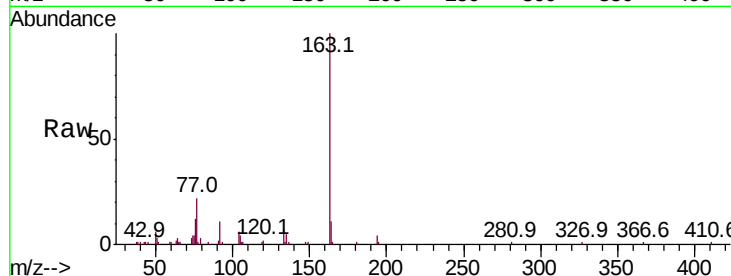




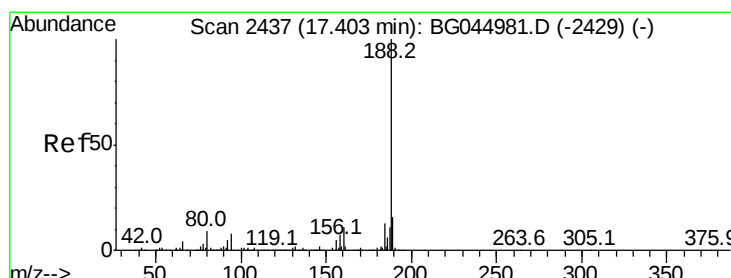
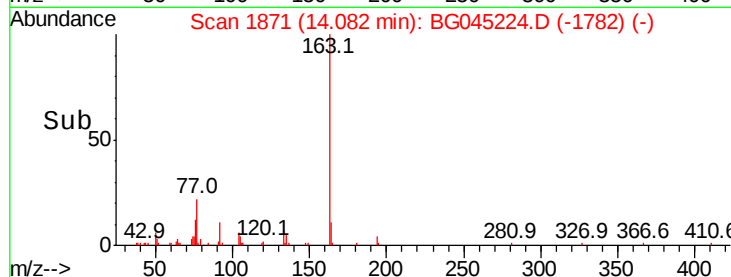
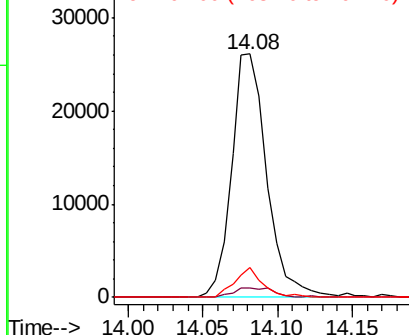
#50
Dimethylphthalate
Concen: 2.762 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045224.D
Acq: 1 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
224

Tot Ion:163 Resp: 42902
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 12.2 8.2 12.4

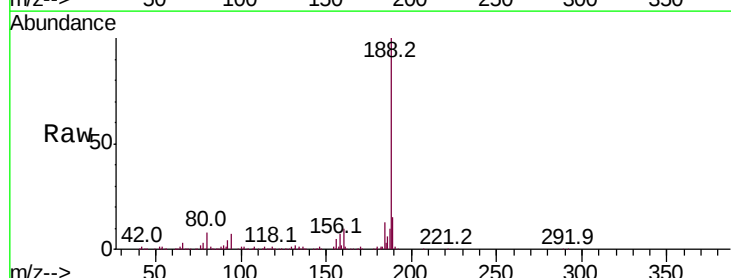


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

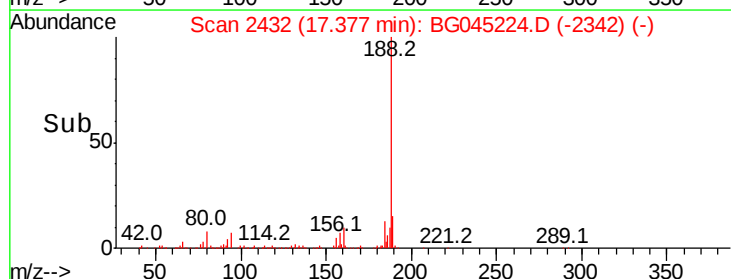
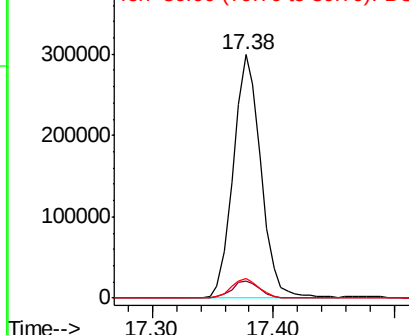


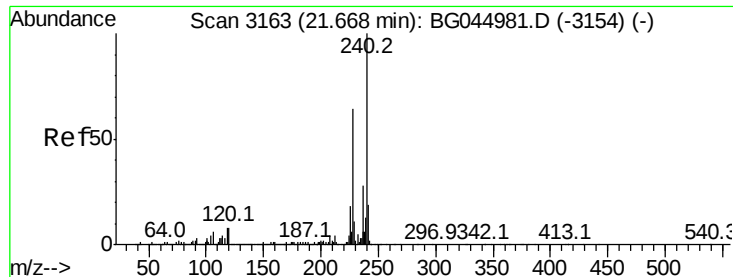
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045224.D
Acq: 1 May 2020 20:17

Tgt Ion:188 Resp: 477496
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.4
80 8.0 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: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045224.D

Acq: 1 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

224

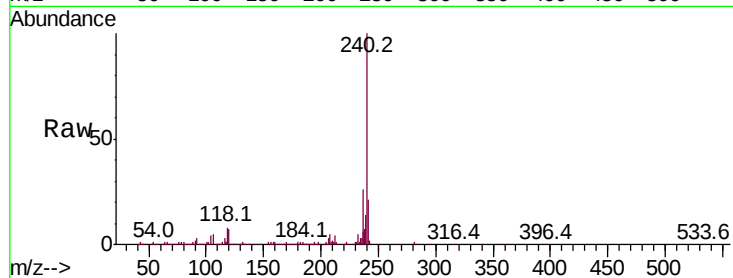
Tot Ion:240 Resp: 476170

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

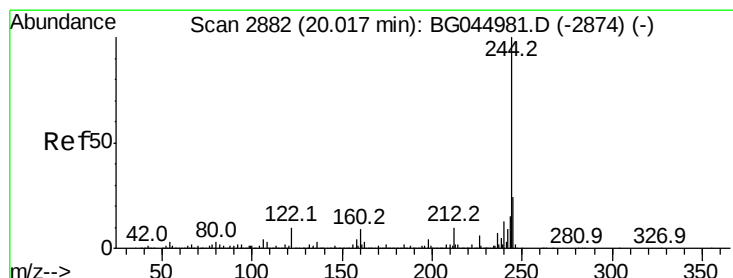
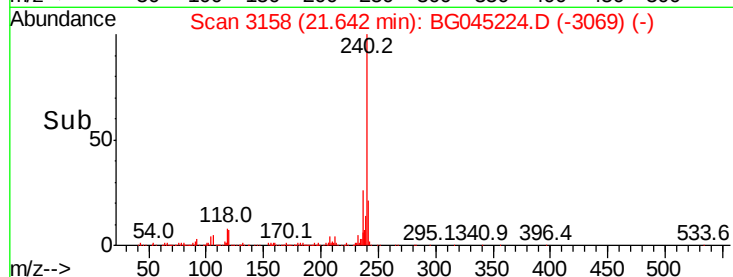
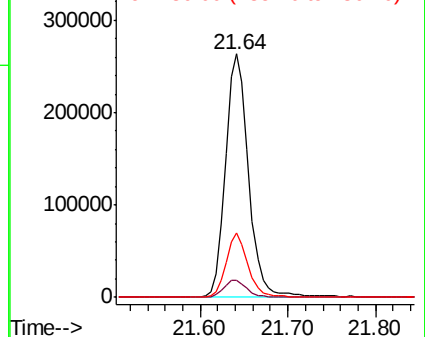
236 26.4 22.2 33.2



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: 98.580 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045224.D

Acq: 1 May 2020 20:17

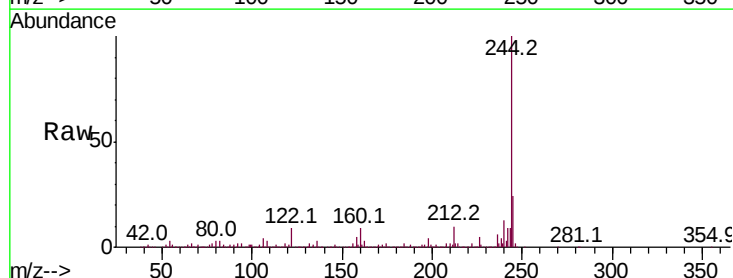
Tgt Ion:244 Resp: 2153687

Ion Ratio Lower Upper

244 100

212 9.8 7.9 11.9

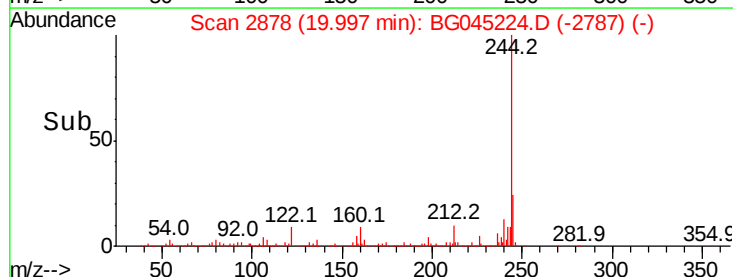
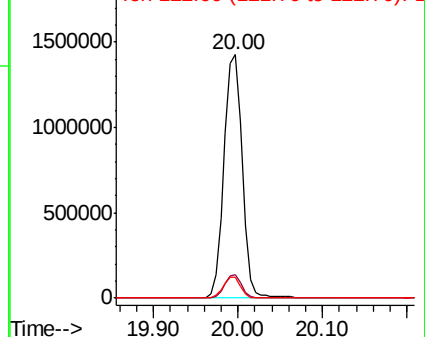
122 8.7 7.7 11.5

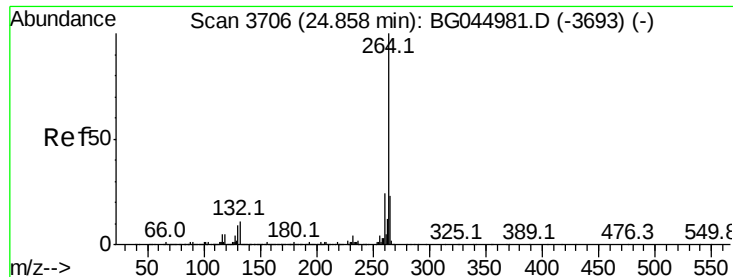


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG045224.D
Acq: 1 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
224

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.5	19.0	28.4

