

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
 Data File : BG045196.D
 Acq On : 28 Apr 2020 22:13
 Operator : CG/JU
 Sample : L2428-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-8

Quant Time: Apr 29 02:18:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

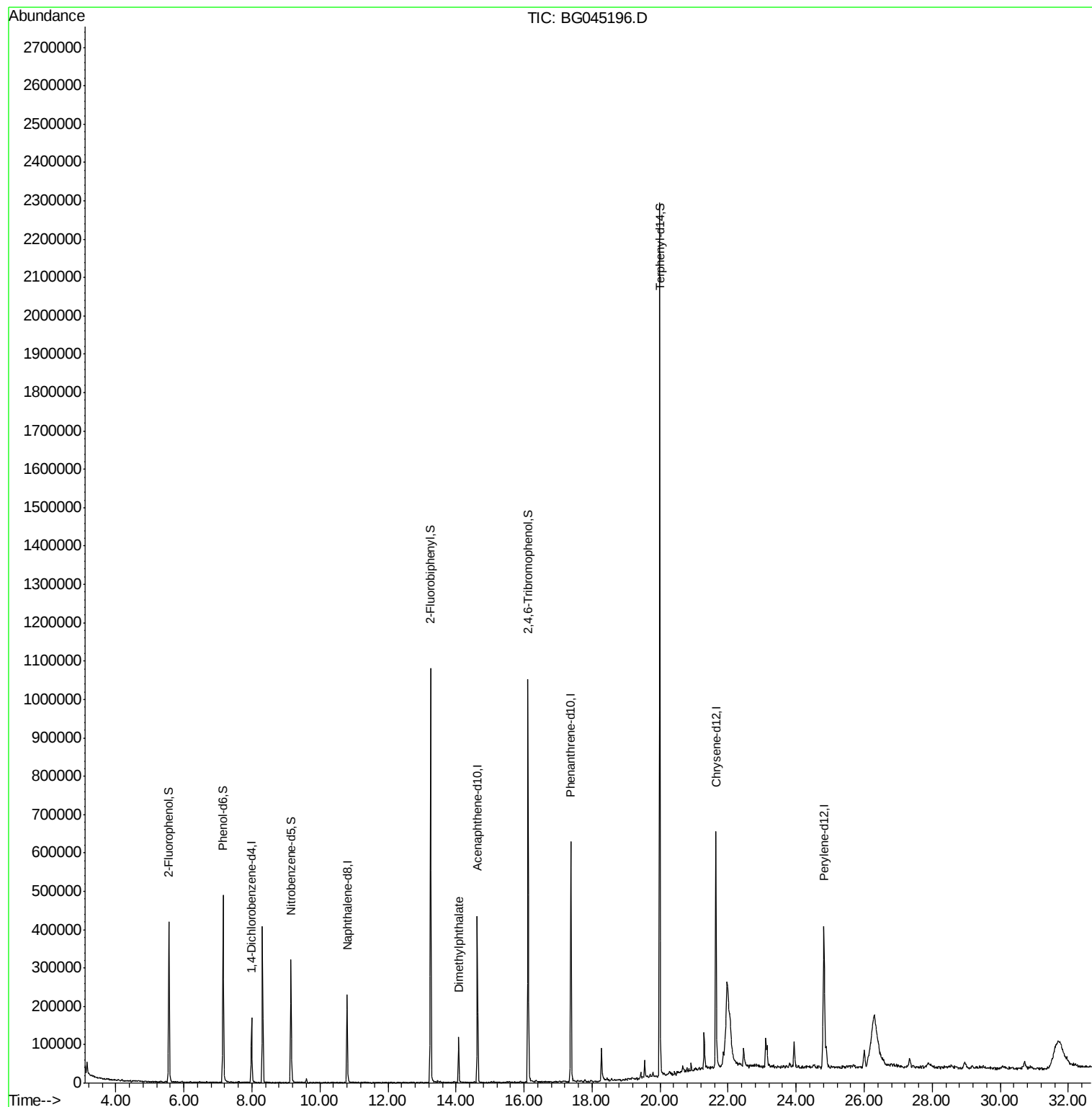
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	50122	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	207428	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	169984	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	417524	20.00	ng	0.00
76) Chrysene-d12	21.64	240	409032	20.00	ng	0.00
87) Perylene-d12	24.81	264	431701	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	207138	68.23	ng	0.00
7) Phenol-d6	7.15	99	330757	73.33	ng	0.00
23) Nitrobenzene-d5	9.15	82	223234	49.11	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	214942	81.85	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	603010	52.02	ng	0.00
79) Terphenyl-d14	19.99	244	1155302	61.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	87293	6.307	ng	Qvalue 98

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

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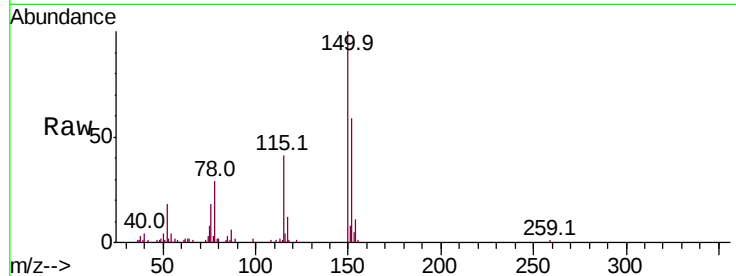


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045196.D
Acq: 28 Apr 2020 22:13

Instrument :
BNA_G
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	168.8	123.6	185.4
115	68.6	49.1	73.7

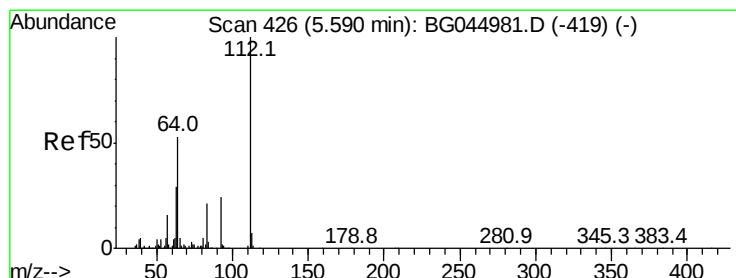
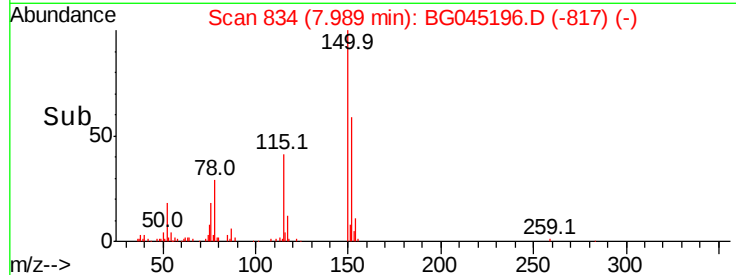
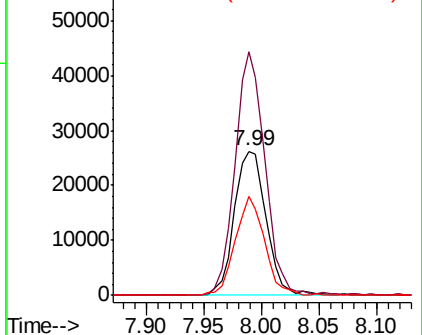


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

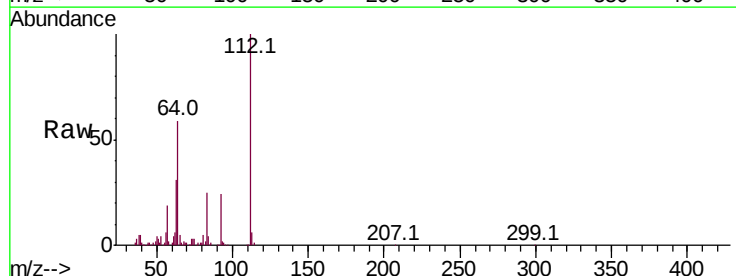
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 68.228 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG045196.D
Acq: 28 Apr 2020 22:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	42.4	63.6
63	31.0	23.1	34.7

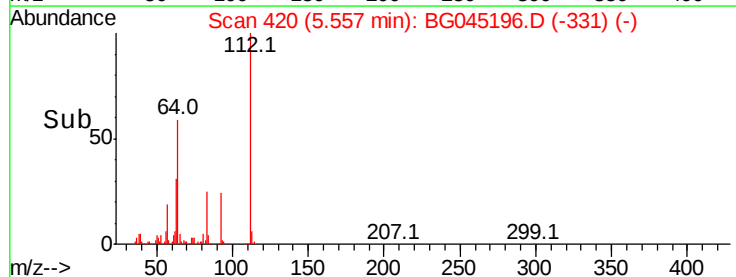
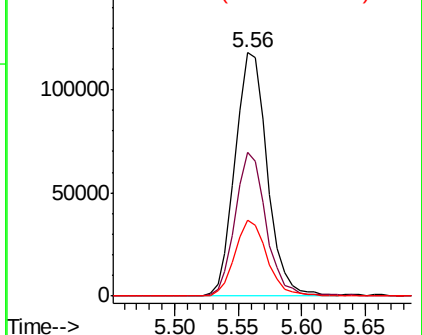


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 73.328 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045196.D

Acq: 28 Apr 2020 22:13

Instrument :

BNA_G

ClientSampleId :

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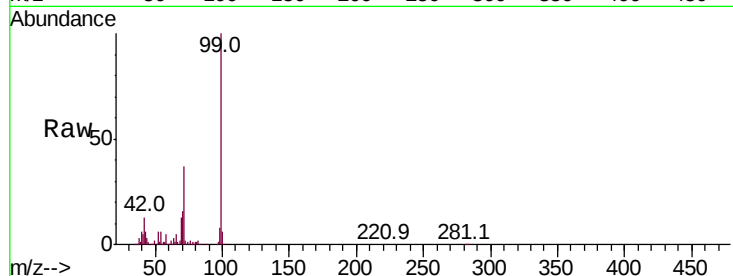
Tot Ion: 99 Resp: 330757

Ion Ratio Lower Upper

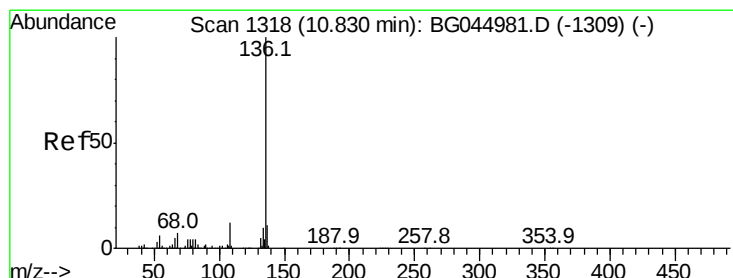
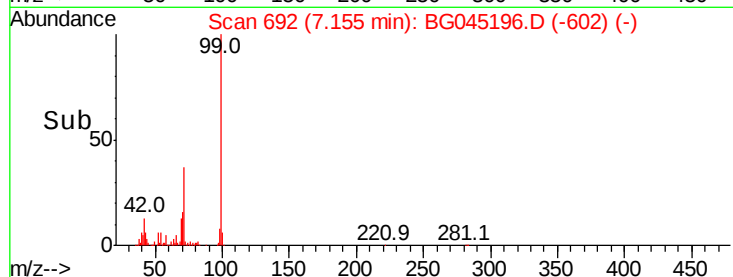
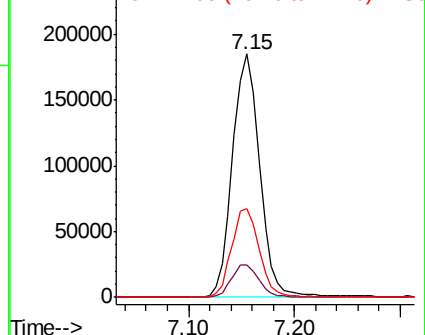
99 100

42 13.2 11.3 16.9

71 36.7 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: BG045196.D

Acq: 28 Apr 2020 22:13

Tgt Ion: 136 Resp: 207428

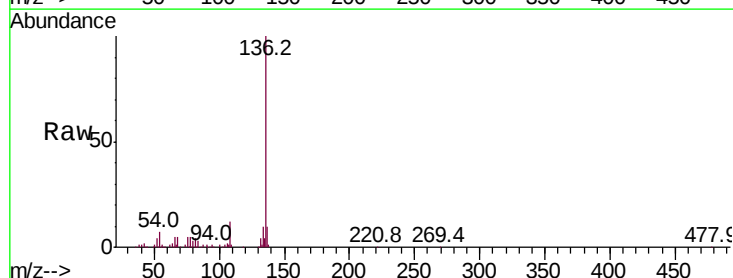
Ion Ratio Lower Upper

136 100

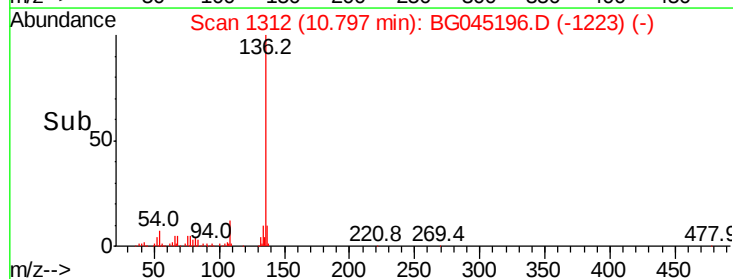
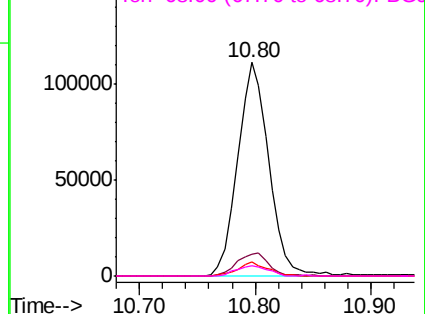
137 10.4 8.6 13.0

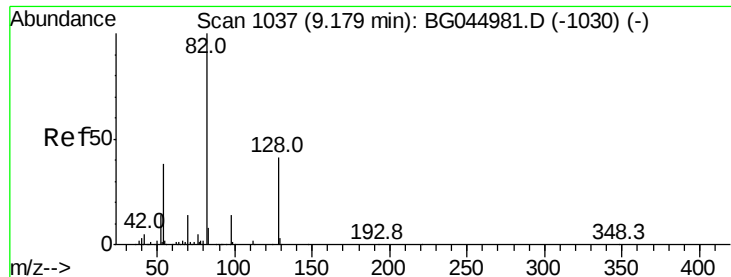
54 6.6 4.8 7.2

68 4.8 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

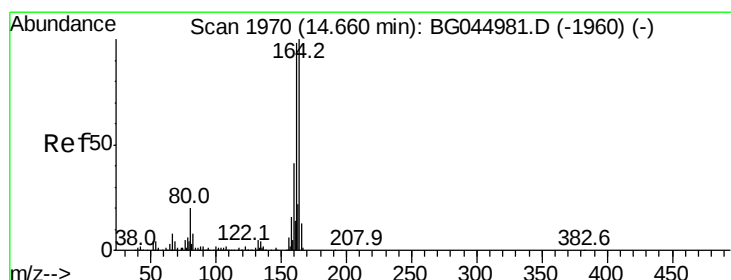
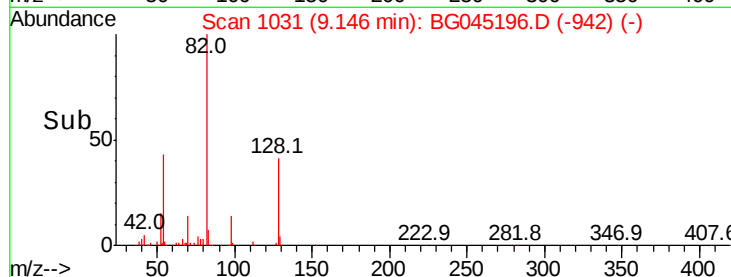
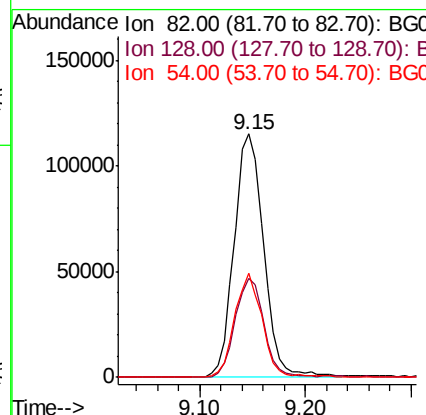
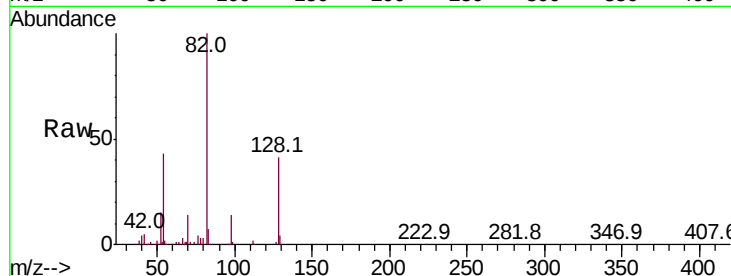




#23
 Nitrobenzene-d5
 Concen: 49.106 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BG045196.D
 Acq: 28 Apr 2020 22:13

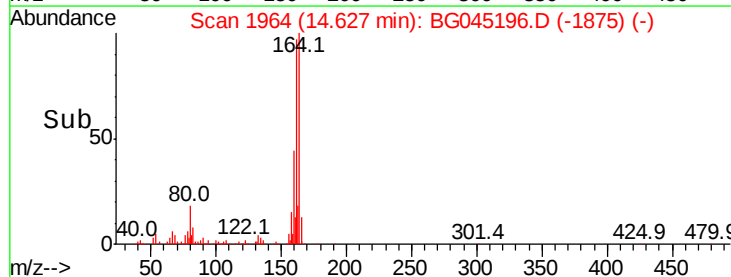
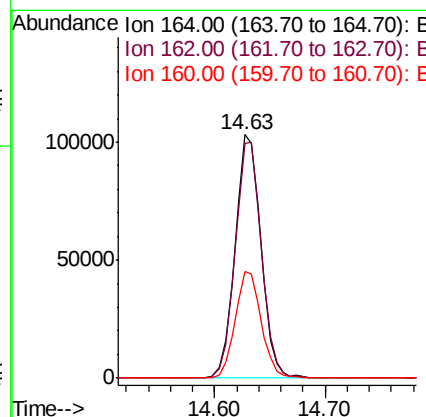
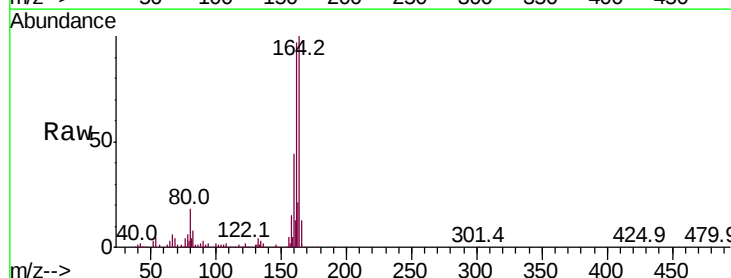
Instrument :
 BNA_G
 ClientSampleId :
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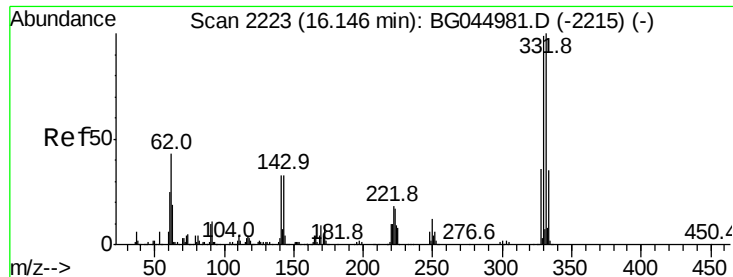
Tot Ion	82	Resp	223234
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.4
54	42.6	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG045196.D
 Acq: 28 Apr 2020 22:13

Tgt Ion	164	Resp	169984
Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.7	118.1
160	43.7	32.8	49.2

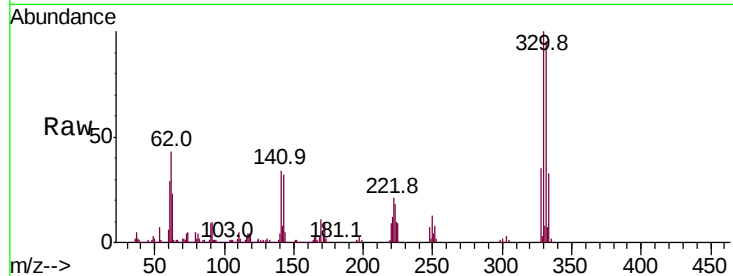




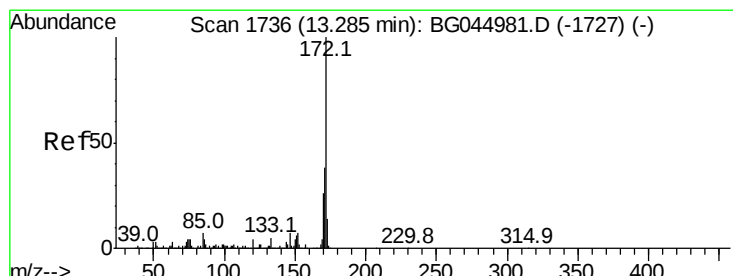
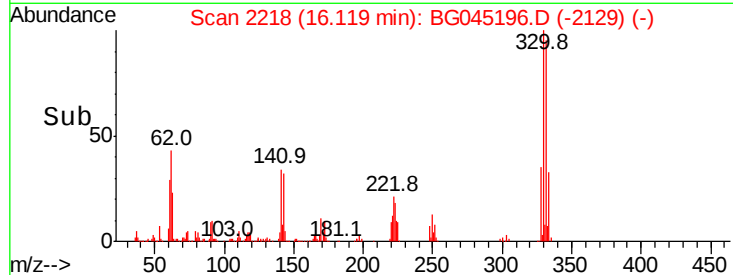
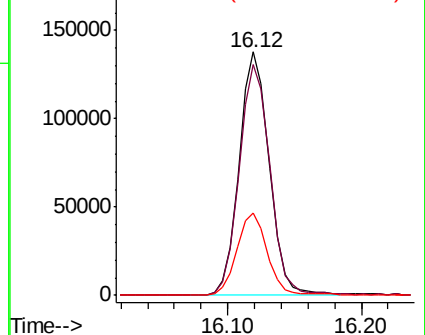
#42
 2,4,6-Tribromophenol
 Concen: 81.851 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045196.D
 Acq: 28 Apr 2020 22:13

Instrument :
 BNA_G
 ClientSampled :
 S-8

Tot Ion:330 Resp: 214942
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.1 118.7
 141 34.6 27.1 40.7

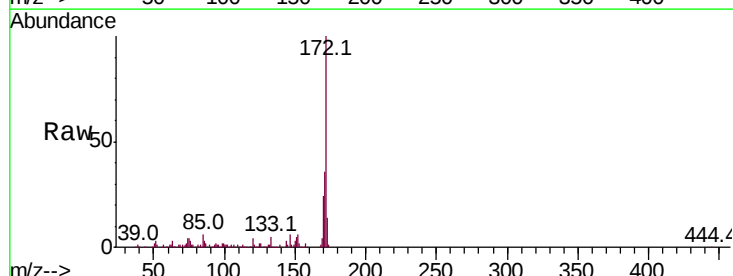


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

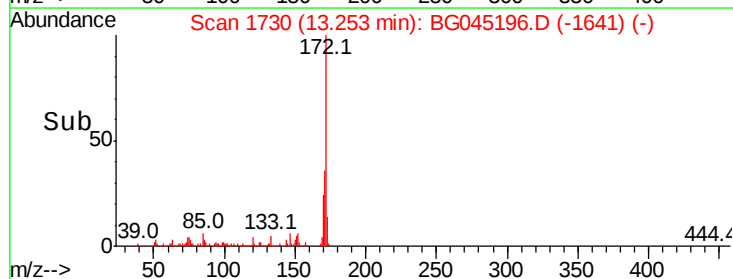
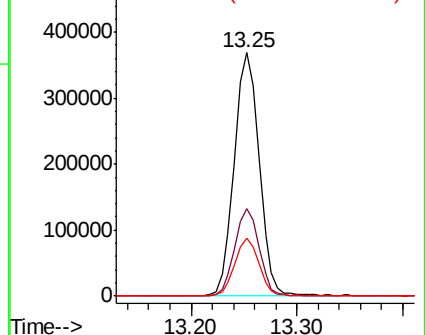


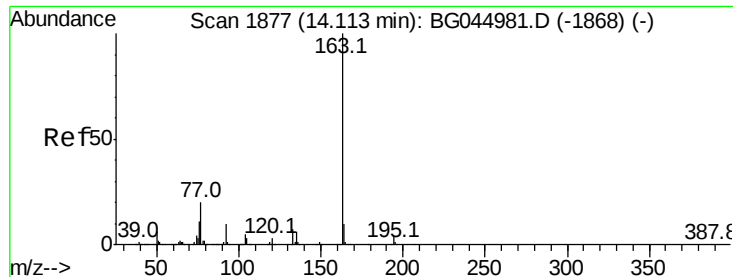
#45
 2-Fluorobiphenyl
 Concen: 52.017 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045196.D
 Acq: 28 Apr 2020 22:13

Tgt Ion:172 Resp: 603010
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.6 46.0
 170 23.8 20.5 30.7



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

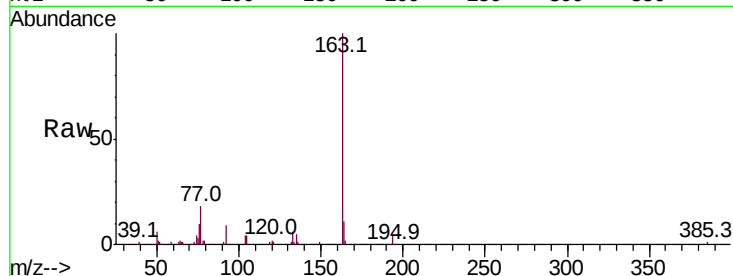




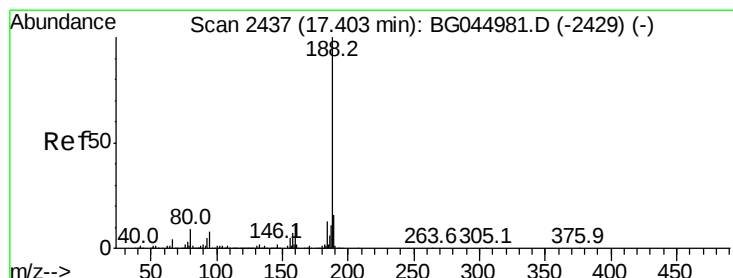
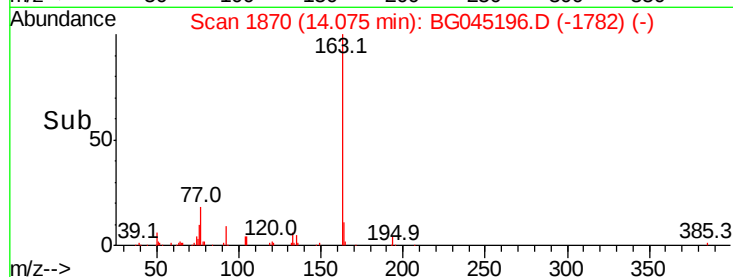
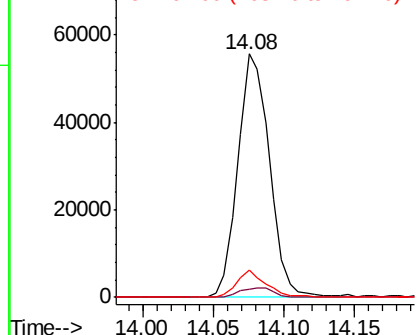
#50
Dimethylphthalate
Concen: 6.307 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG045196.D
Acq: 28 Apr 2020 22:13

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	11.0	8.2	12.4

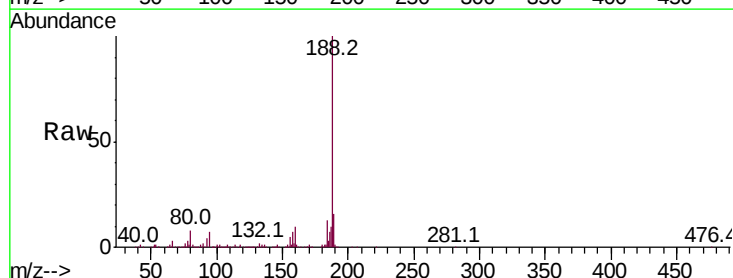


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

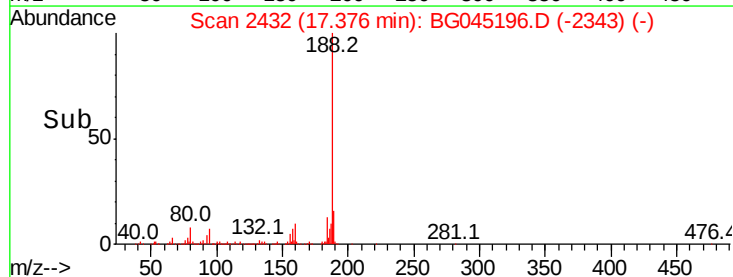
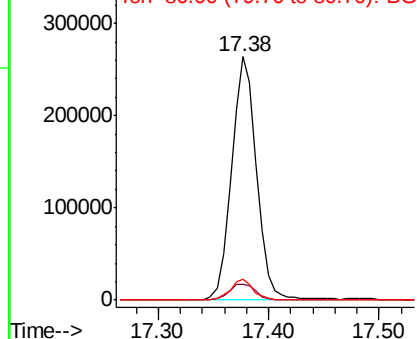


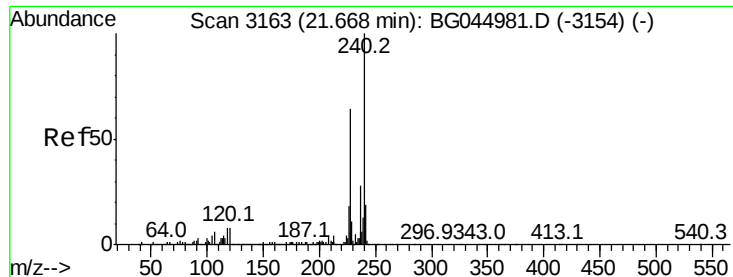
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045196.D
Acq: 28 Apr 2020 22:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.2	9.4
80	8.4	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. -0.00 min

Lab File: BG045196.D

Acq: 28 Apr 2020 22:13

Instrument :

BNA_G

ClientSampleId :

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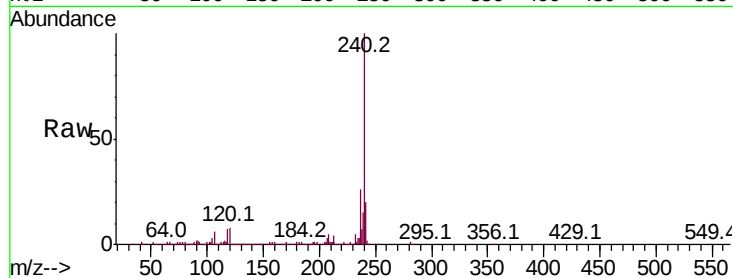
Tot Ion:240 Resp: 409032

Ion Ratio Lower Upper

240 100

120 7.6 6.6 10.0

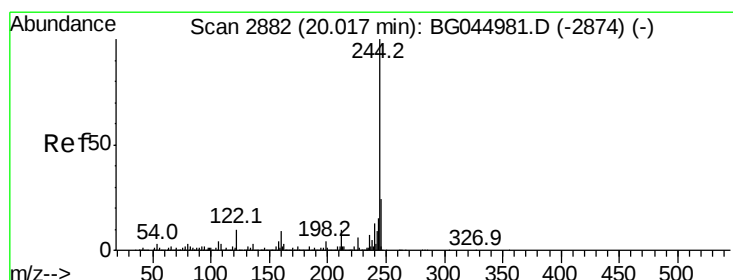
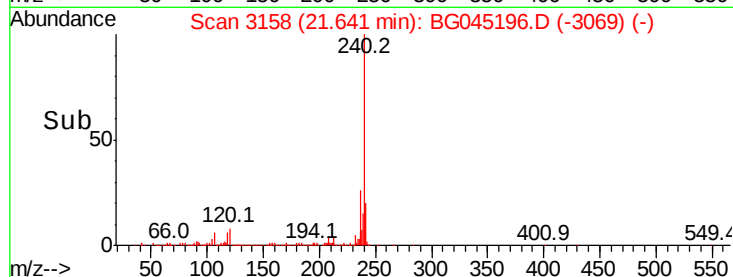
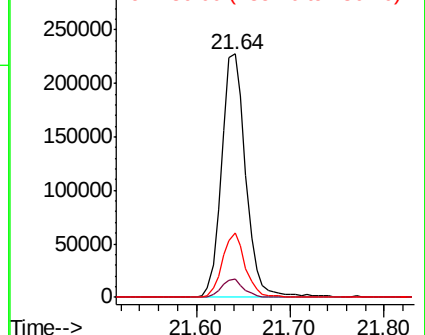
236 26.4 22.2 33.2



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: 61.561 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045196.D

Acq: 28 Apr 2020 22:13

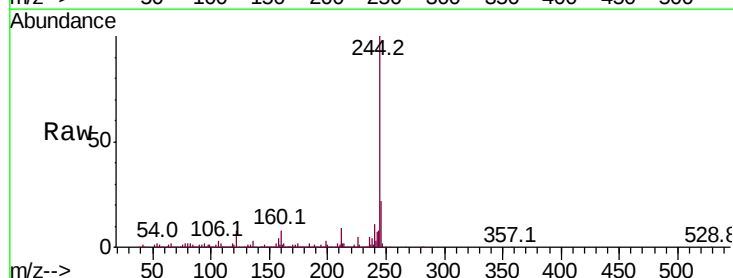
Tgt Ion:244 Resp: 1155302

Ion Ratio Lower Upper

244 100

212 8.6 7.9 11.9

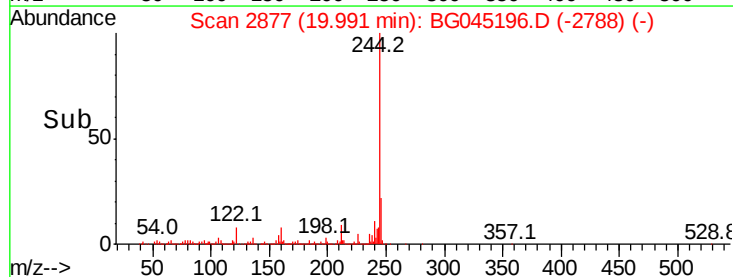
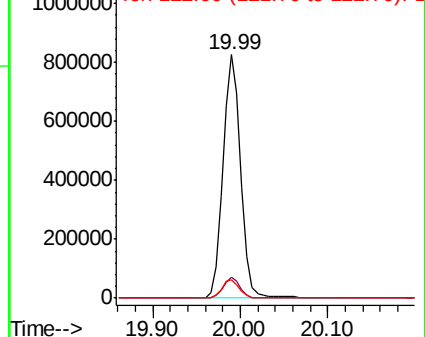
122 7.7 7.7 11.5#

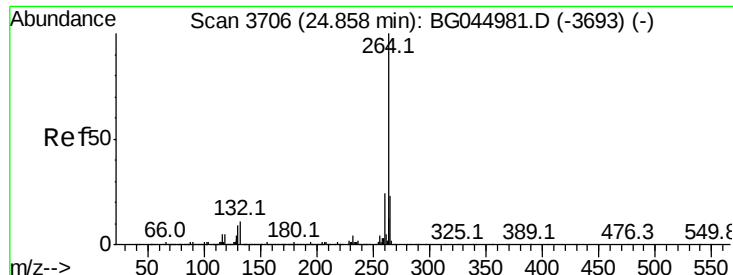


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.81 min Scan# 3698
 Delta R.T. -0.01 min
 Lab File: BG045196.D
 Acq: 28 Apr 2020 22:13

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:	264	Resp:	431701
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	19.0	28.4

