

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045237.D
 Acq On : 4 May 2020 17:11
 Operator : CG/JU
 Sample : L2480-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-015

Quant Time: May 04 17:53:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

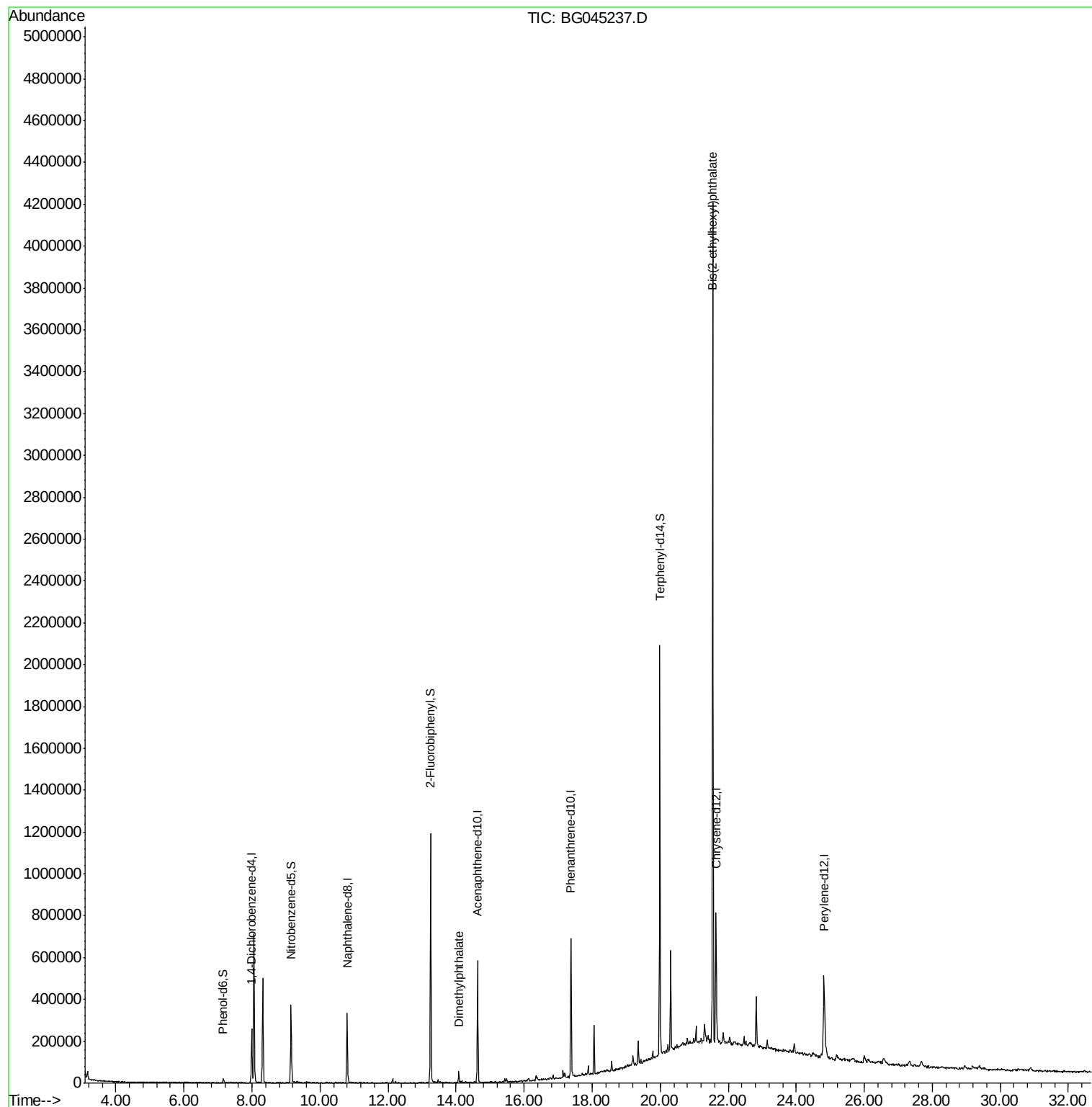
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	77990	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	301619	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	213164	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	473036	20.00	ng	0.00
76) Chrysene-d12	21.65	240	421498	20.00	ng	0.00
87) Perylene-d12	24.82	264	468348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	195	0.04	ng	0.00
7) Phenol-d6	7.16	99	16387	2.33	ng	0.01
23) Nitrobenzene-d5	9.15	82	266662	40.34	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
45) 2-Fluorobiphenyl	13.25	172	667500	45.92	ng	0.00
79) Terphenyl-d14	19.99	244	1029210	53.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	38067	2.193	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1645955	99.357	ng	98

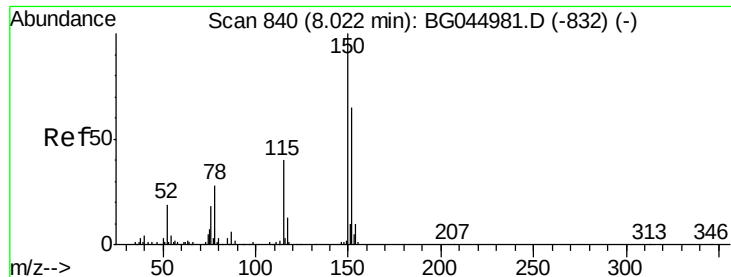
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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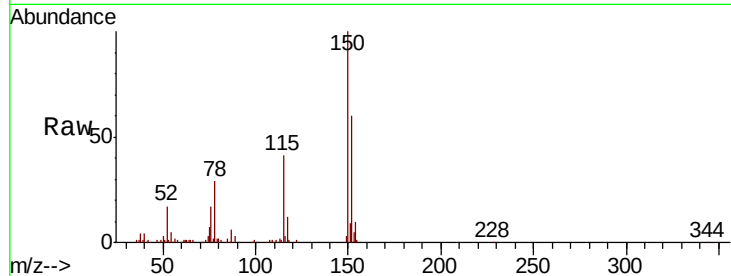


#1

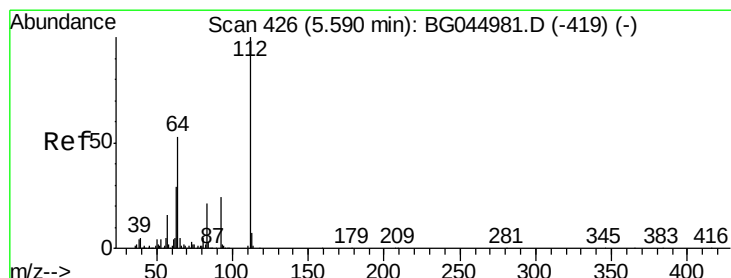
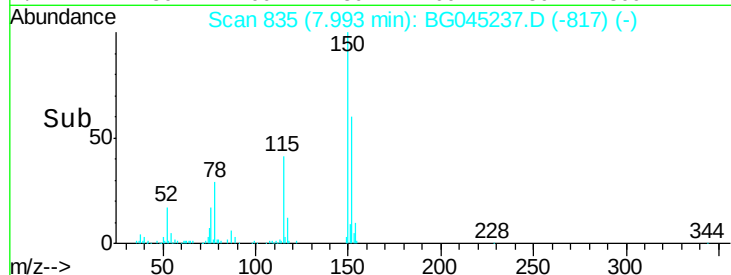
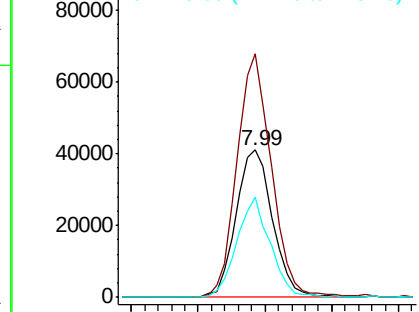
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045237.D
Acq: 4 May 2020 17:11

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-015

Tot Ion:152 Resp: 77990
Ion Ratio Lower Upper
152 100
150 165.5 123.6 185.4
115 68.1 49.1 73.7



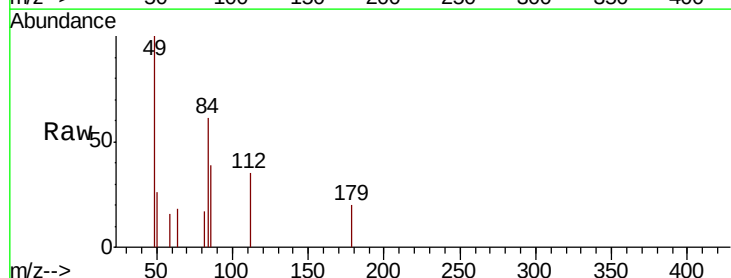
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



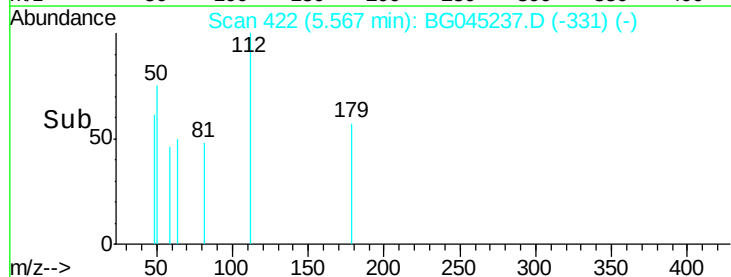
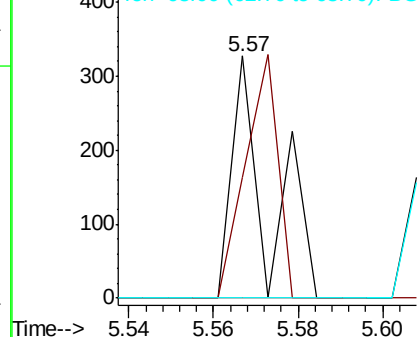
#5

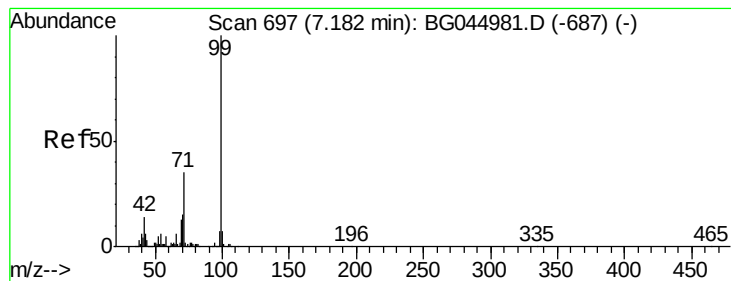
2-Fluorophenol
Concen: 0.041 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG045237.D
Acq: 4 May 2020 17:11

Tgt Ion:112 Resp: 195
Ion Ratio Lower Upper
112 100
64 49.8 42.4 63.6
63 0.0 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: 2.335 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG045237.D

Acq: 4 May 2020 17:11

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-015

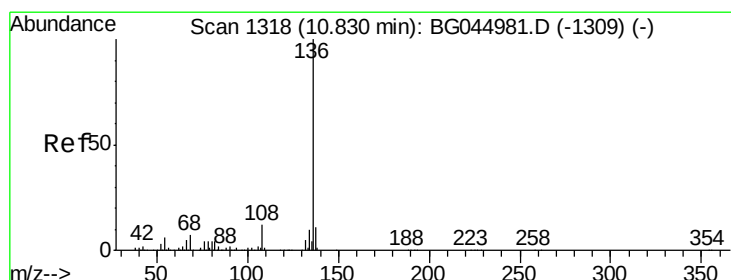
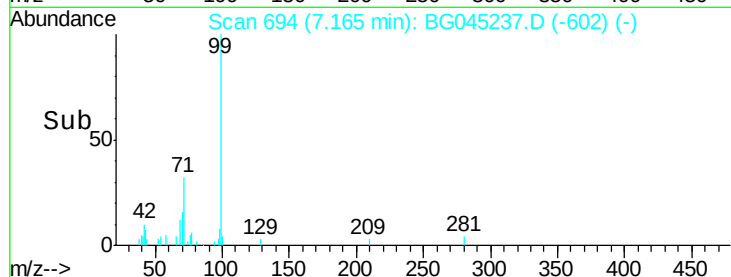
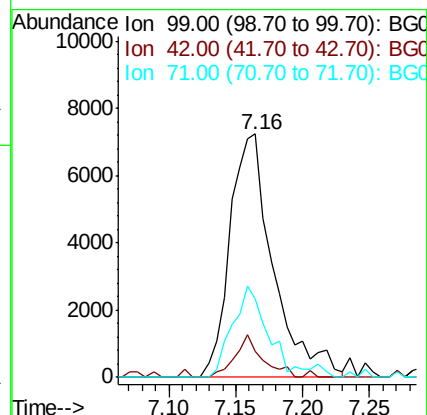
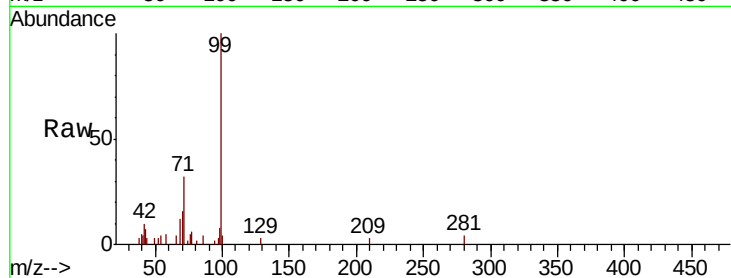
Tot Ion: 99 Resp: 16387

Ion Ratio Lower Upper

99 100

42 10.5 11.3 16.9#

71 32.0 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BG045237.D

Acq: 4 May 2020 17:11

Tgt Ion: 136 Resp: 301619

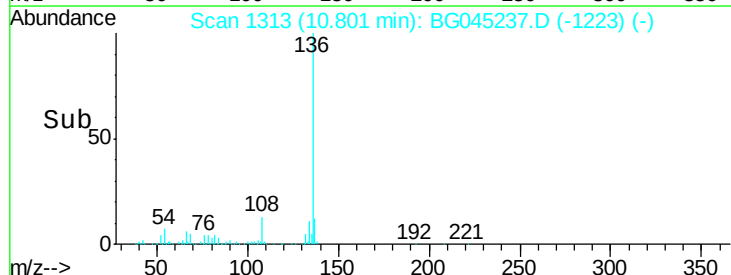
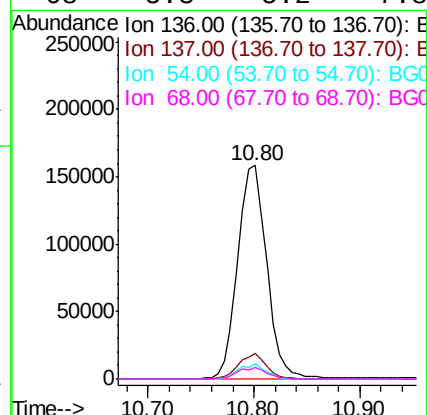
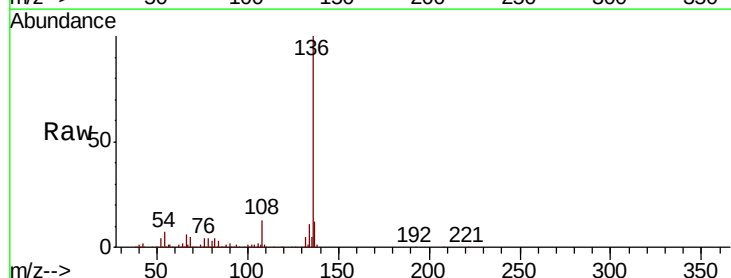
Ion Ratio Lower Upper

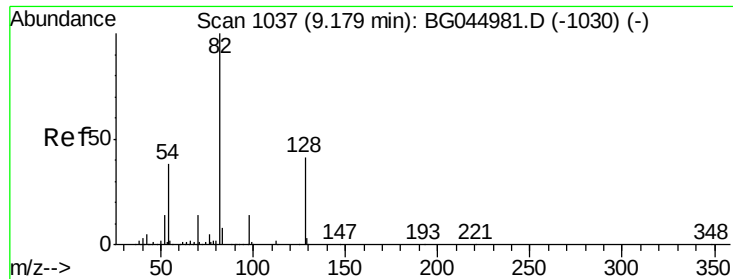
136 100

137 11.8 8.6 13.0

54 7.1 4.8 7.2

68 5.3 5.2 7.8

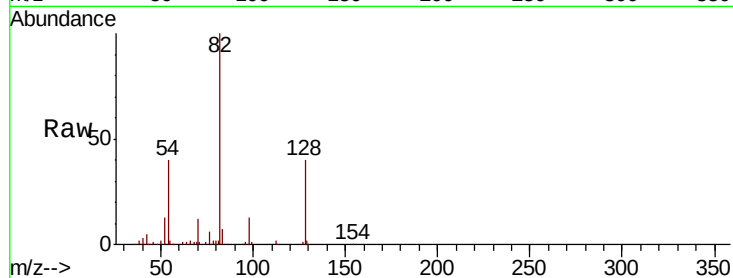




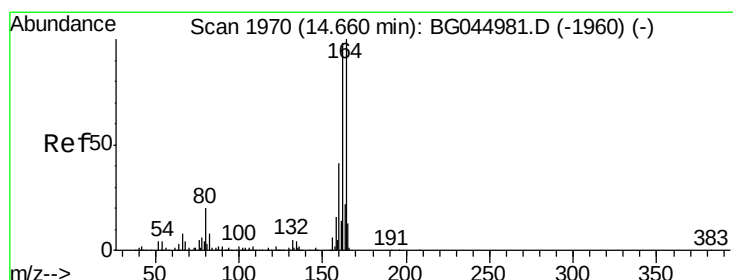
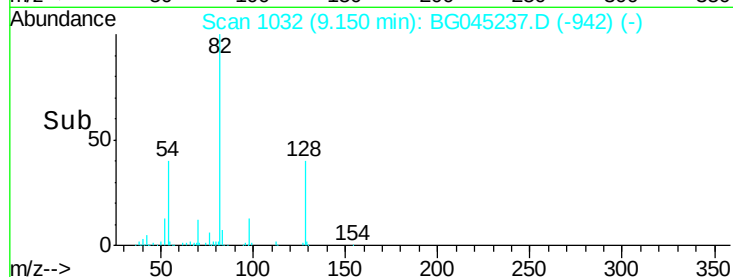
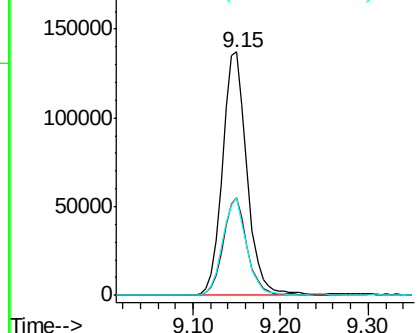
#23
Nitrobenzene-d5
Concen: 40.341 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG045237.D
Acq: 4 May 2020 17:11

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-015

Tot Ion	82	Resp	266662
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.0	49.4
54	39.9	30.4	45.6

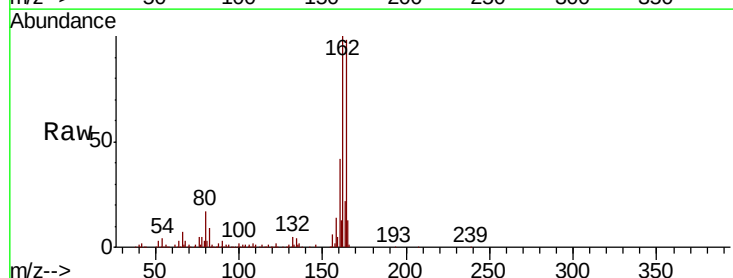


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

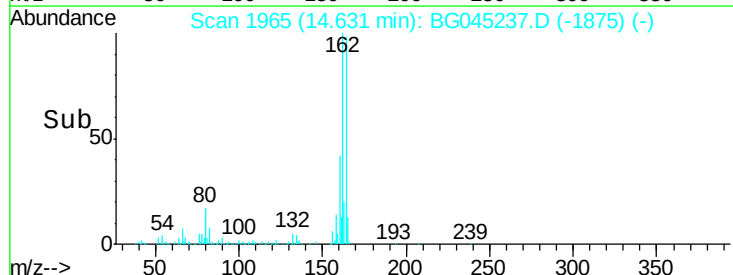
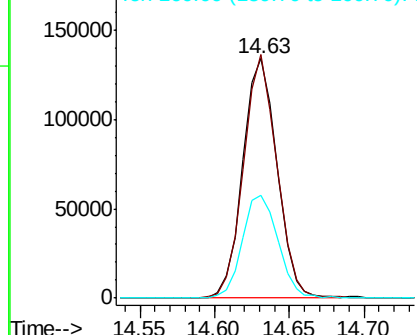


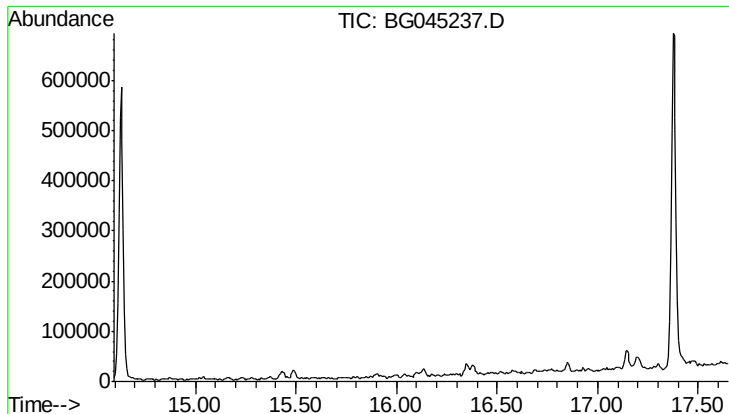
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045237.D
Acq: 4 May 2020 17:11

Tgt Ion	164	Resp	213164
Ion Ratio	Lower	Upper	
164	100		
162	101.6	78.7	118.1
160	42.6	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

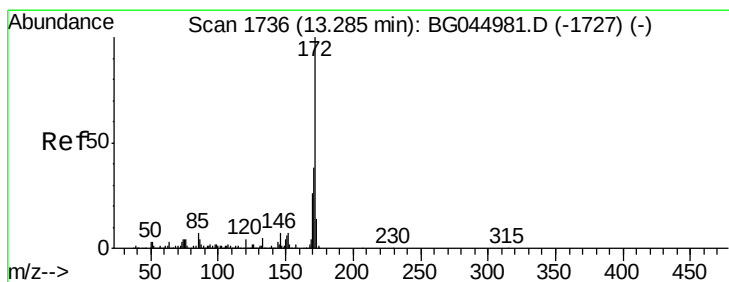
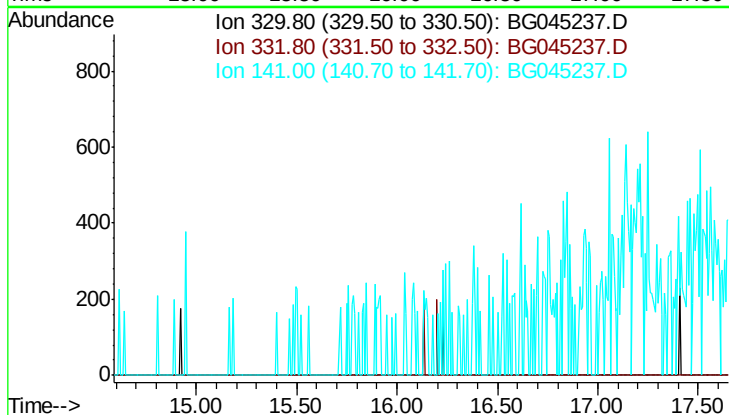




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.12 min
 Lab File: BG045237.D
 Acq: 4 May 2020 17:11

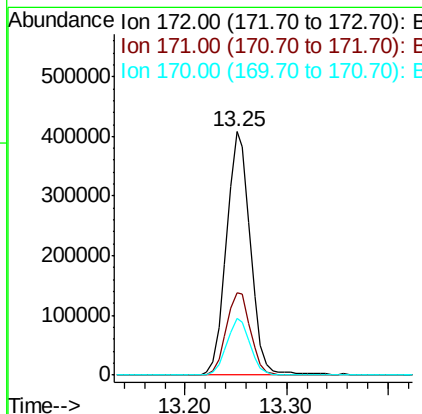
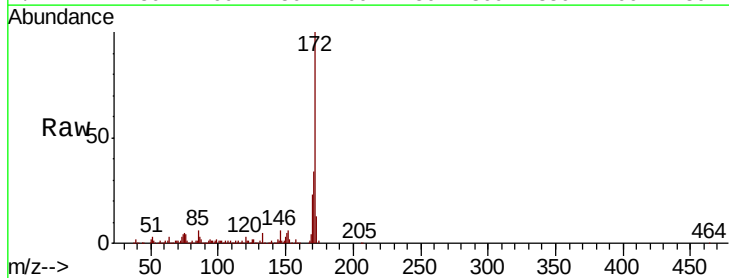
Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-015

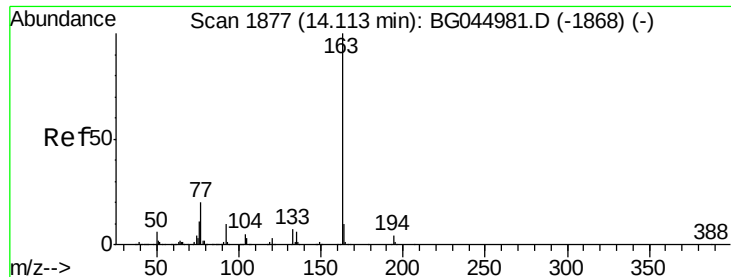
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 98.9
 141 33.9



#45
 2-Fluorobiphenyl
 Concen: 45.916 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG045237.D
 Acq: 4 May 2020 17:11

Tgt Ion: 172 Resp: 667500
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.6 46.0
 170 23.4 20.5 30.7





#50

Dimethylphthalate

Concen: 2.193 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG045237.D

Acq: 4 May 2020 17:11

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-015

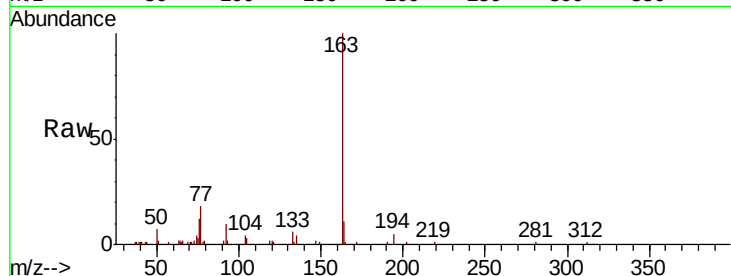
Tot Ion:163 Resp: 38067

Ion Ratio Lower Upper

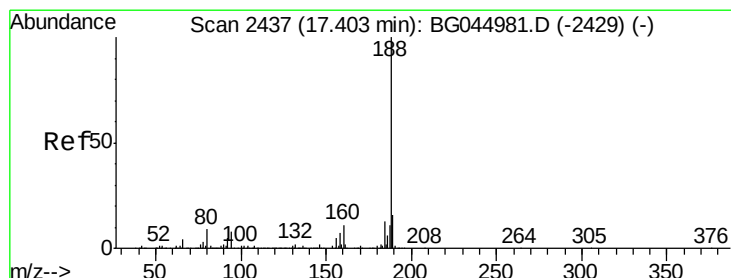
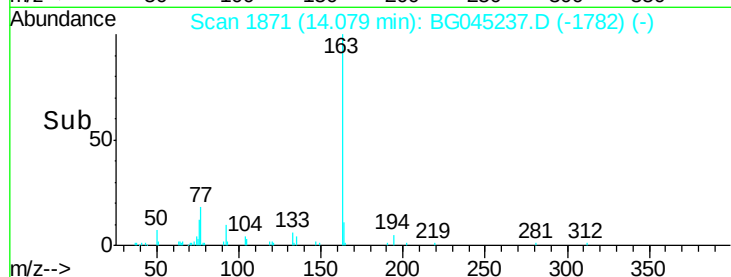
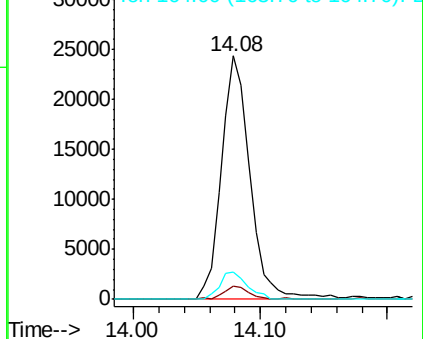
163 100

194 5.2 3.5 5.3

164 11.1 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# 2433

Delta R.T. 0.00 min

Lab File: BG045237.D

Acq: 4 May 2020 17:11

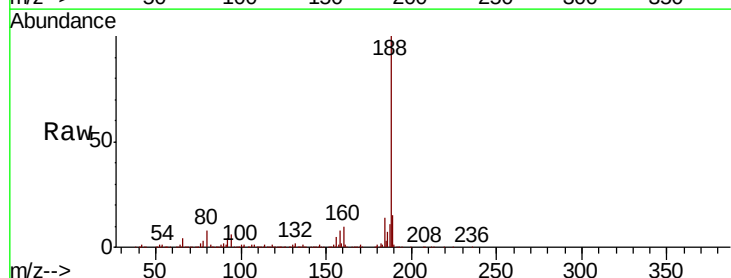
Tgt Ion:188 Resp: 473036

Ion Ratio Lower Upper

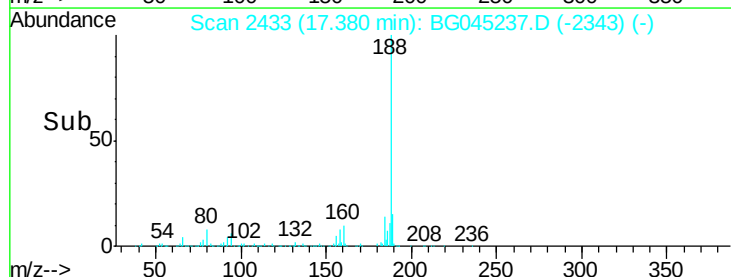
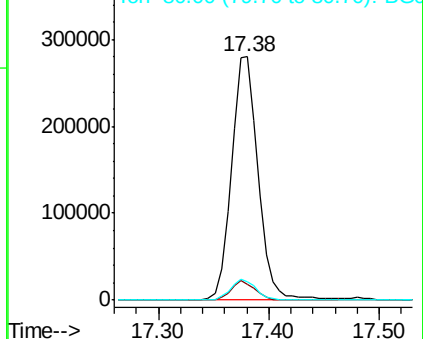
188 100

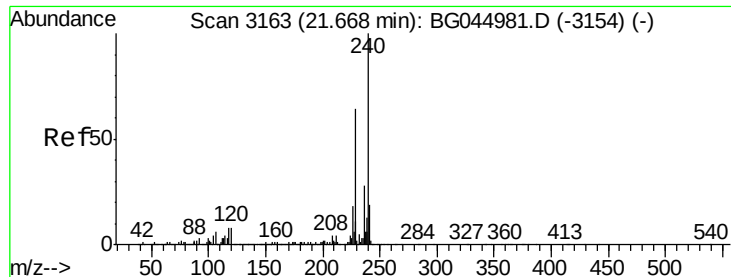
94 6.4 6.2 9.4

80 7.6 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: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG045237.D

Acq: 4 May 2020 17:11

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-015

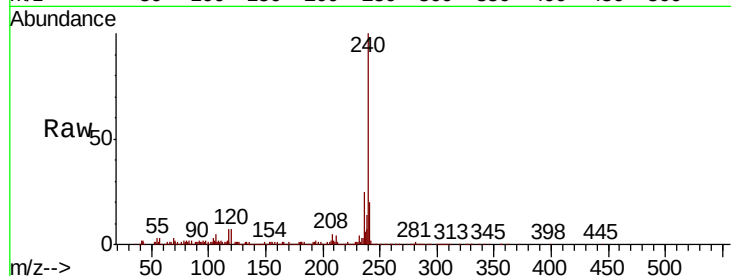
Tot Ion:240 Resp: 421498

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

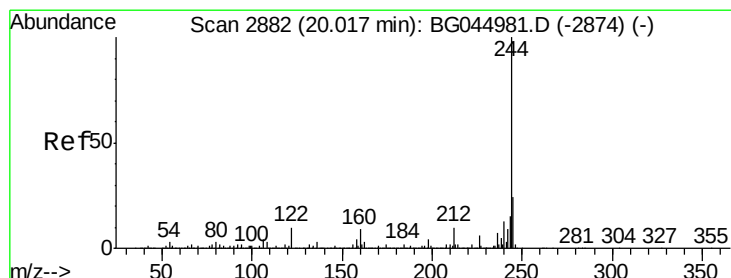
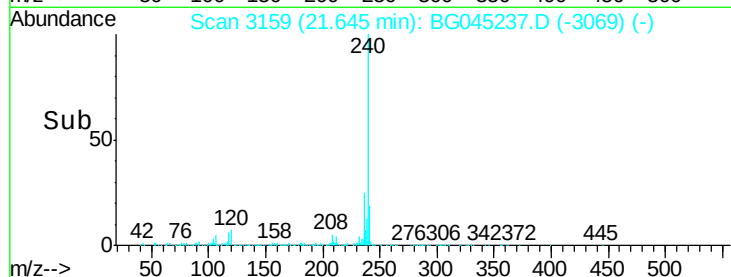
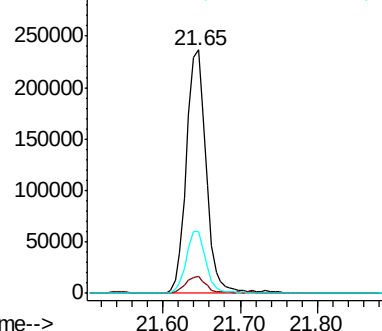
236 25.2 22.2 33.2



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: 53.220 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG045237.D

Acq: 4 May 2020 17:11

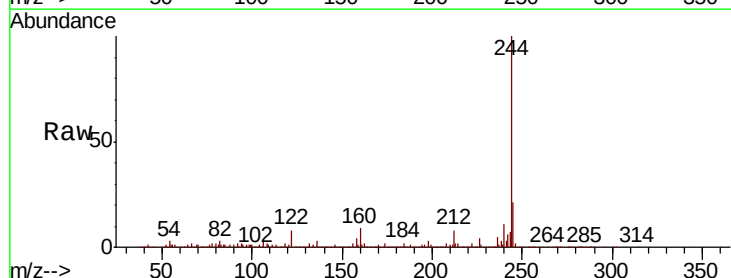
Tgt Ion:244 Resp: 1029210

Ion Ratio Lower Upper

244 100

212 8.4 7.9 11.9

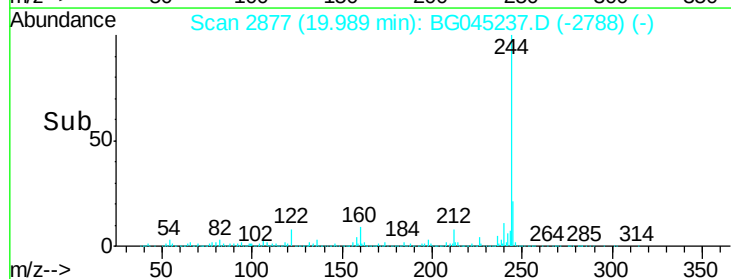
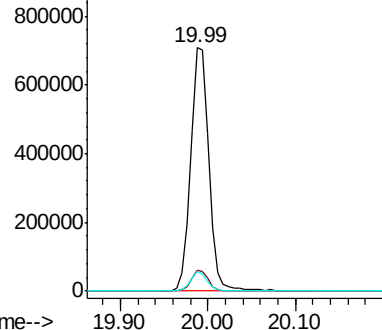
122 7.8 7.7 11.5

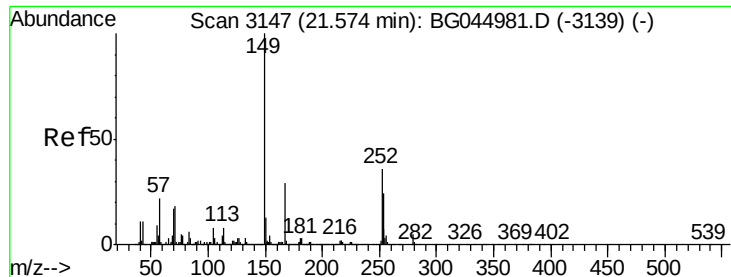


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 99.357 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG045237.D

Acq: 4 May 2020 17:11

Instrument :

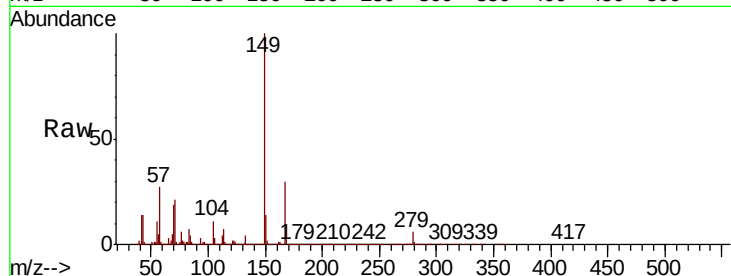
BNA_G

ClientSampleId :

FK-0D015-03-015

Tot Ion:149 Resp: 1645955

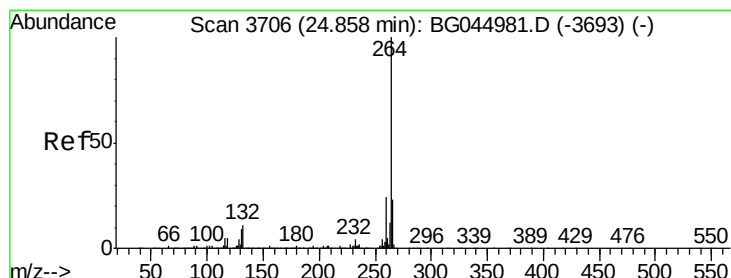
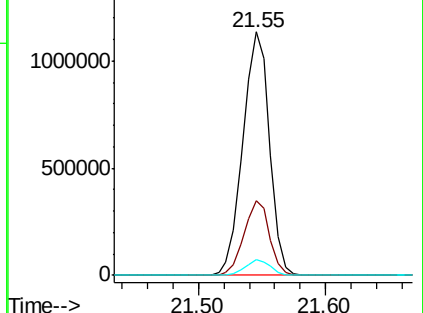
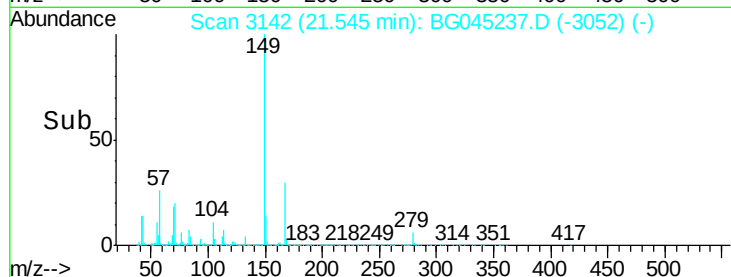
Ion	Ratio	Lower	Upper
149	100		
167	30.5	23.4	35.0
279	6.3	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

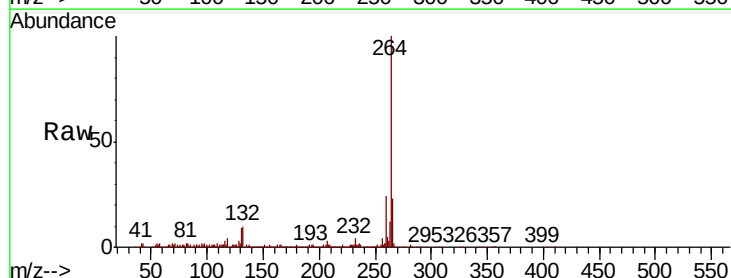
Delta R.T. -0.01 min

Lab File: BG045237.D

Acq: 4 May 2020 17:11

Tgt Ion:264 Resp: 468348

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.6	19.0	28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

