

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045234.D
 Acq On : 4 May 2020 15:10
 Operator : CG/JU
 Sample : L2477-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-012

Quant Time: May 04 16:21:42 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

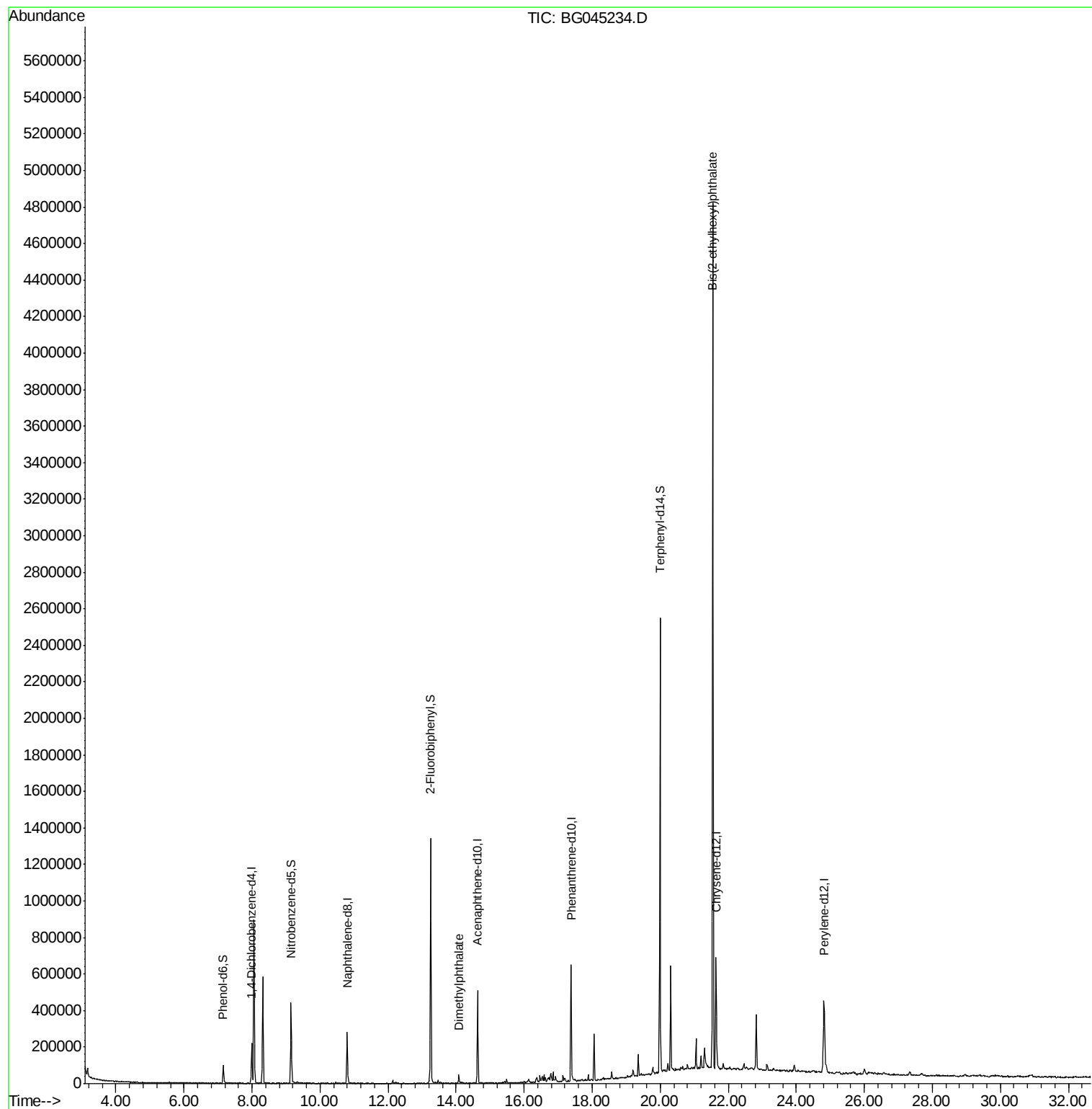
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	66887	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	259141	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	189922	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	439325	20.00	ng	0.00
76) Chrysene-d12	21.64	240	404376	20.00	ng	0.00
87) Perylene-d12	24.82	264	464703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	2582	0.64	ng	0.01
7) Phenol-d6	7.15	99	72408	12.03	ng	0.00
23) Nitrobenzene-d5	9.15	82	310152	54.61	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	472	0.16	ng	0.02
45) 2-Fluorobiphenyl	13.25	172	762613	58.88	ng	0.00
79) Terphenyl-d14	19.99	244	1290772	69.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	35401	2.289	ng	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	2022534	127.259	ng	95

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

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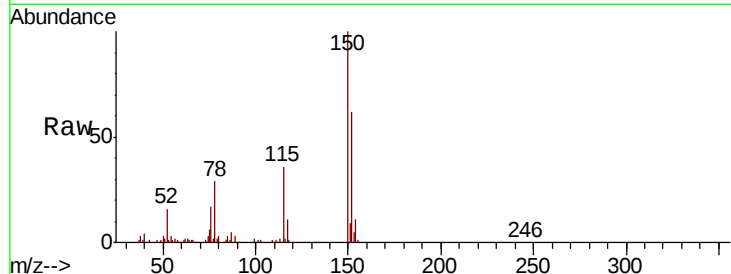


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045234.D
Acq: 4 May 2020 15:10

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-012

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.6	185.4
115	58.1	49.1	73.7

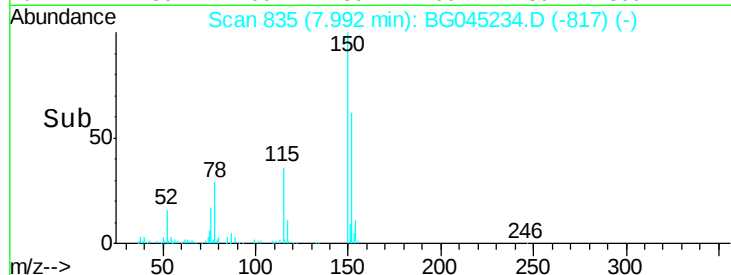
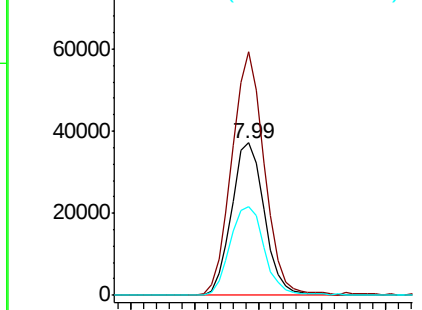


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

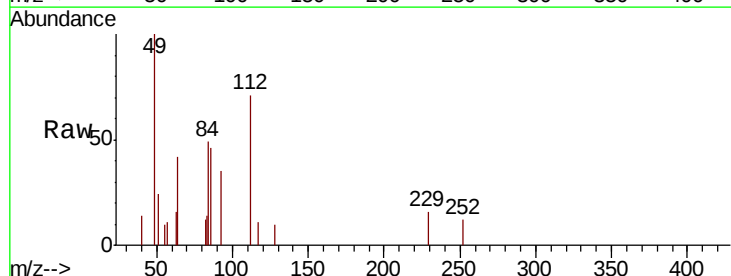
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.637 ng
RT: 5.57 min Scan# 423
Delta R.T. 0.01 min
Lab File: BG045234.D
Acq: 4 May 2020 15:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	42.4	63.6
63	22.2	23.1	34.7#

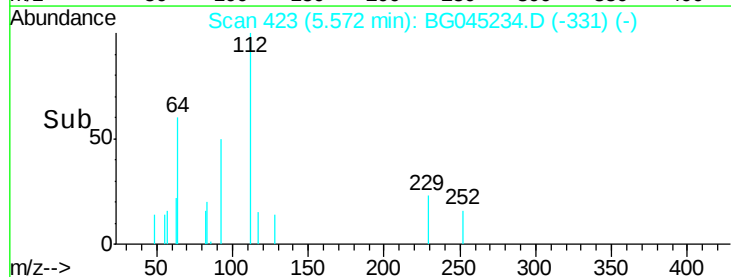
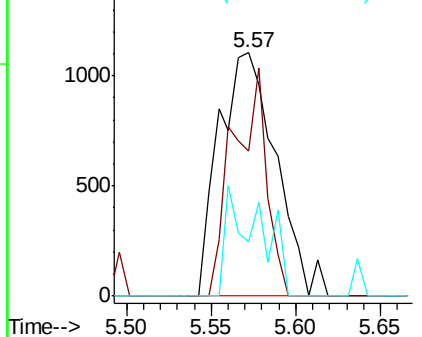


Abundance

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: 12.029 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045234.D

Acq: 4 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-012

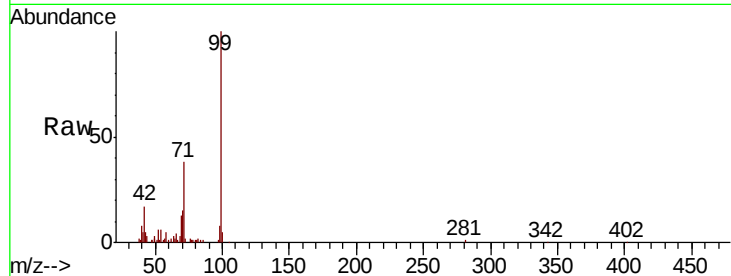
Tot Ion: 99 Resp: 72408

Ion Ratio Lower Upper

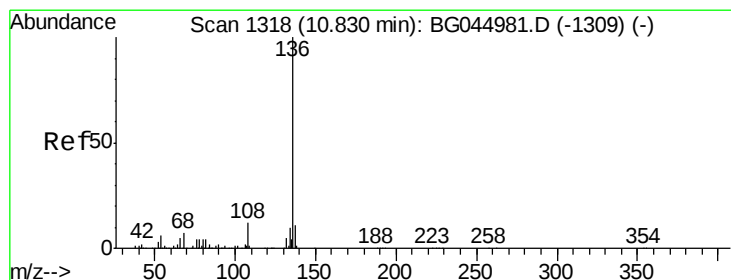
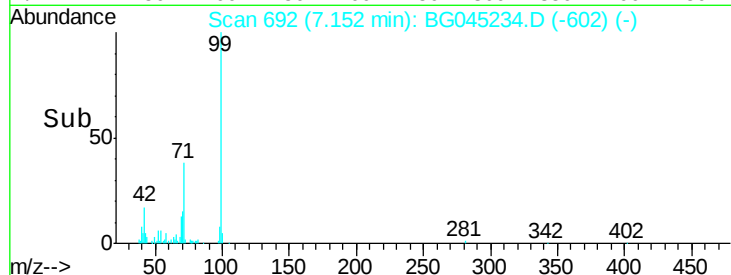
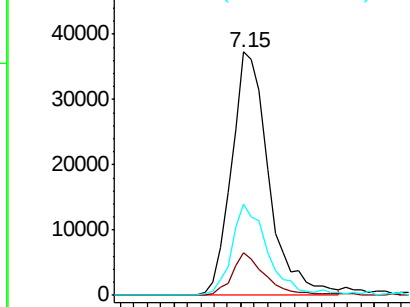
99 100

42 17.5 11.3 16.9#

71 37.6 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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG045234.D

Acq: 4 May 2020 15:10

Tgt Ion: 136 Resp: 259141

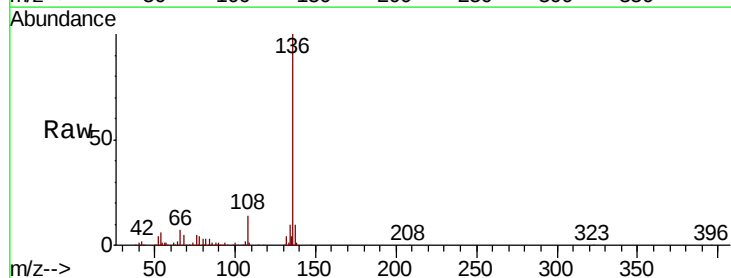
Ion Ratio Lower Upper

136 100

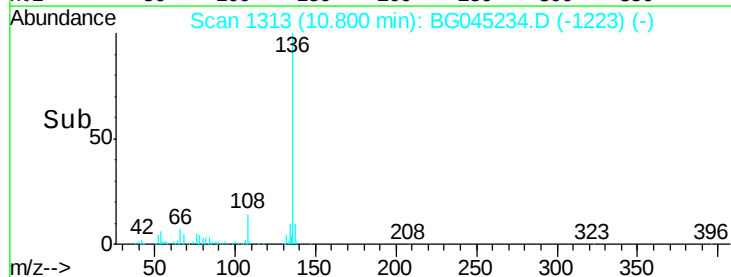
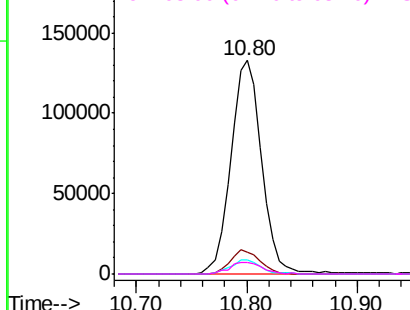
137 10.1 8.6 13.0

54 6.4 4.8 7.2

68 5.4 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

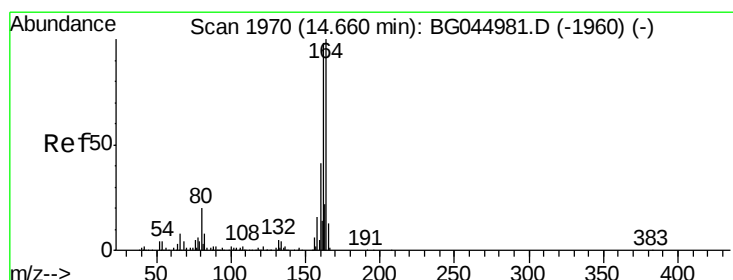
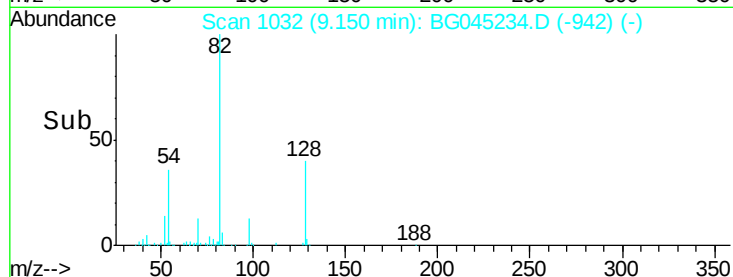
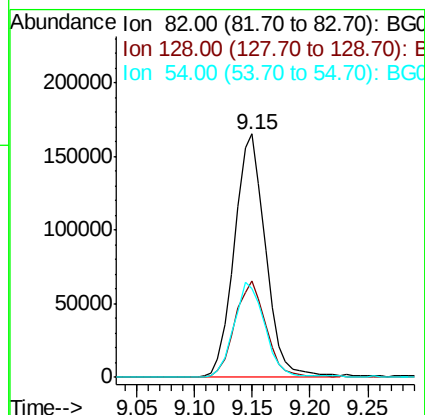
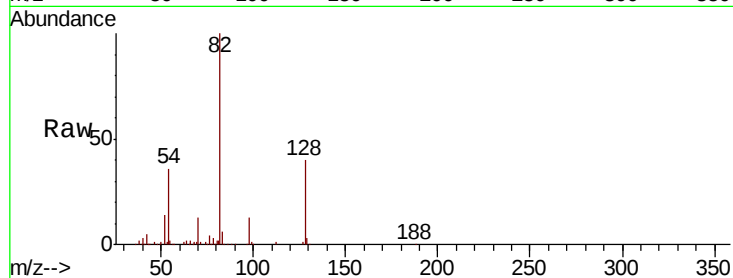




#23
 Nitrobenzene-d5
 Concen: 54.611 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045234.D
 Acq: 4 May 2020 15:10

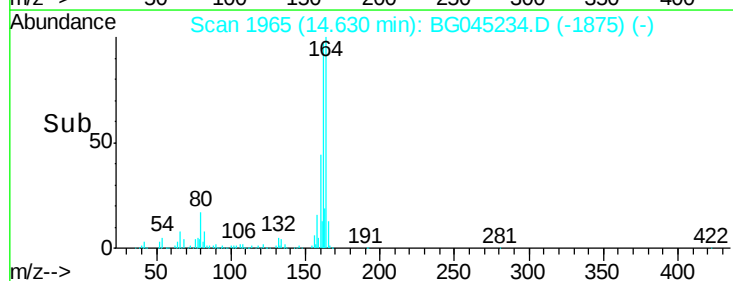
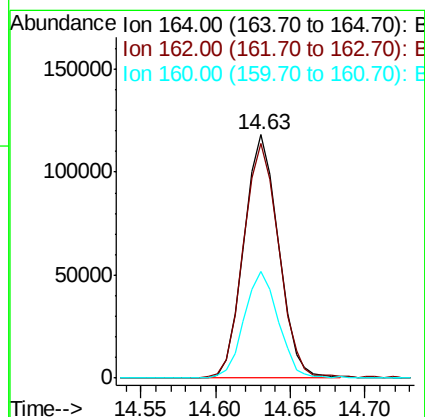
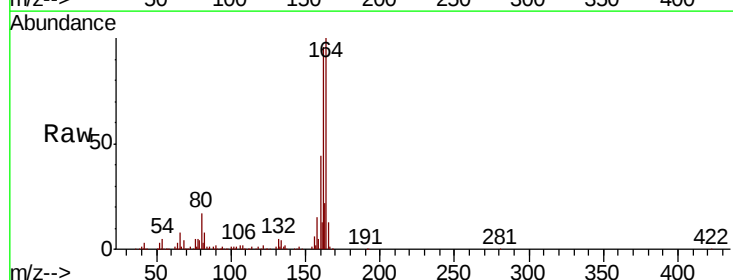
Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-012

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.0	49.4
54	36.4	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BG045234.D
 Acq: 4 May 2020 15:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	78.7	118.1
160	43.8	32.8	49.2

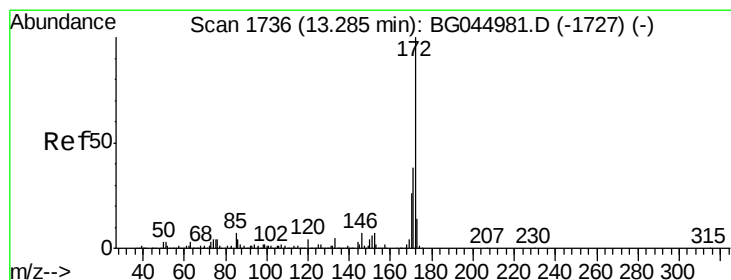
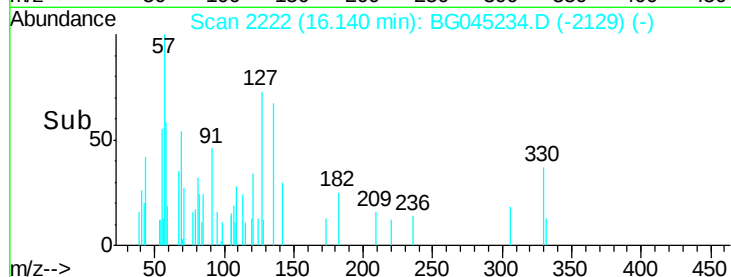
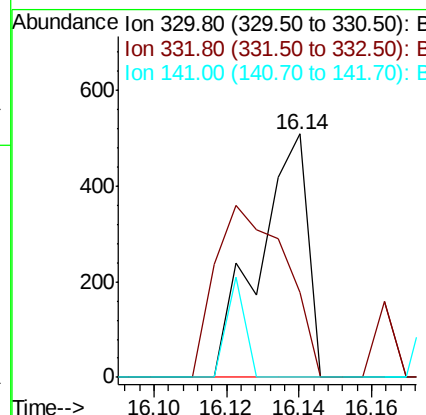
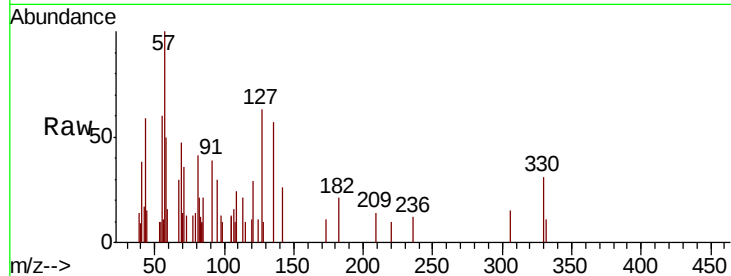




#42
 2,4,6-Tribromophenol
 Concen: 0.161 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. 0.02 min
 Lab File: BG045234.D
 Acq: 4 May 2020 15:10

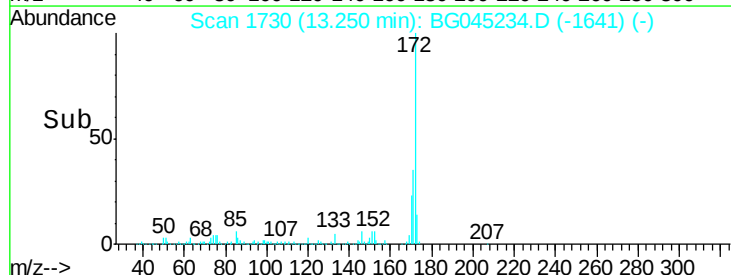
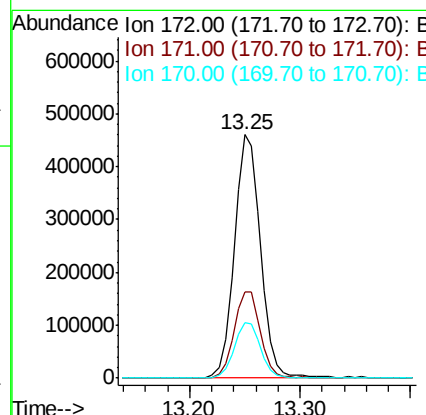
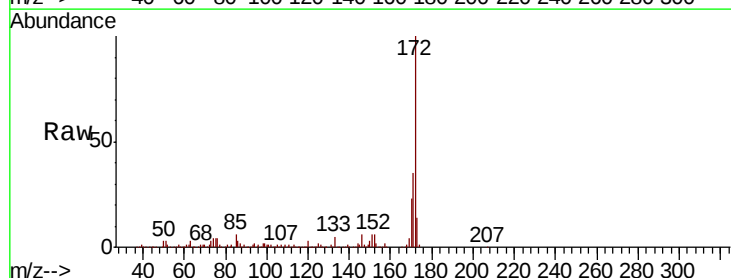
Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-012

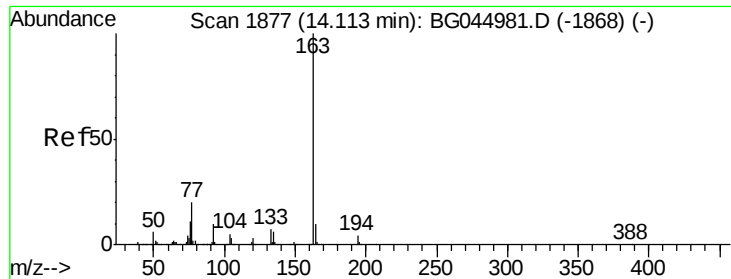
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.5	79.1	118.7
141	15.7	27.1	40.7#



#45
 2-Fluorobiphenyl
 Concen: 58.879 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG045234.D
 Acq: 4 May 2020 15:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.6	46.0
170	22.8	20.5	30.7





#50

Dimethylphthalate

Concen: 2.289 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG045234.D

Acq: 4 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-012

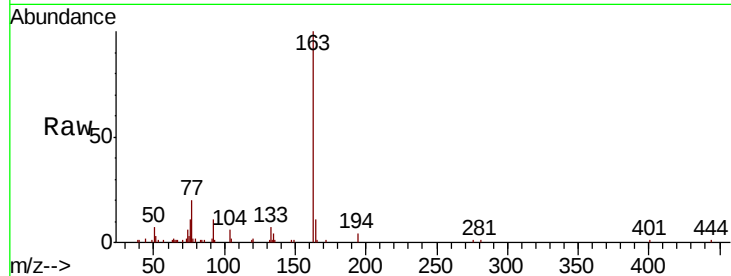
Tot Ion:163 Resp: 35401

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

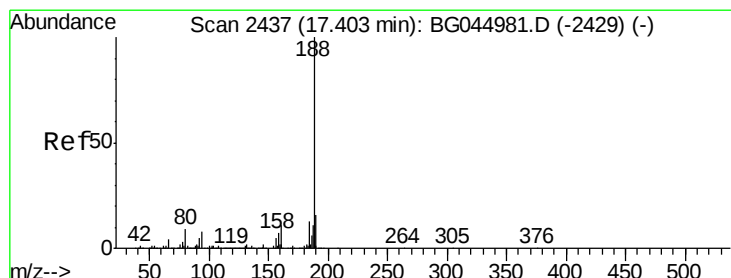
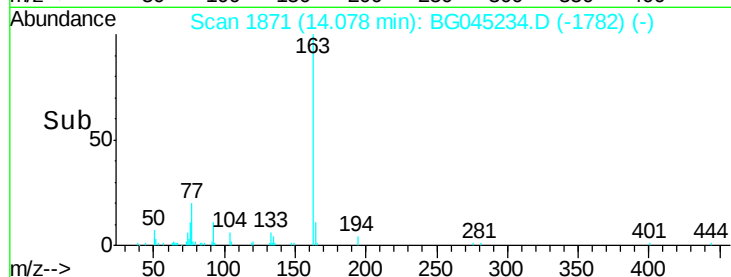
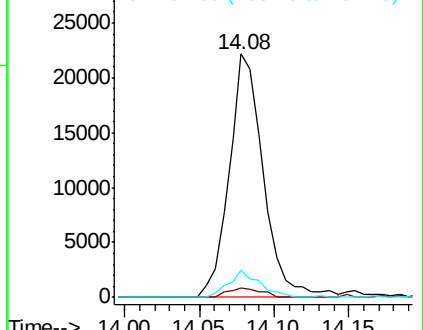
164 11.4 8.2 12.4



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: BG045234.D

Acq: 4 May 2020 15:10

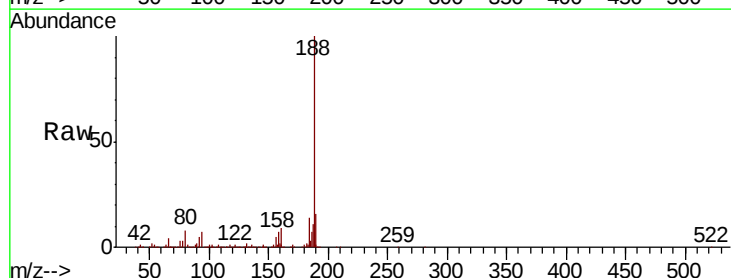
Tgt Ion:188 Resp: 439325

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

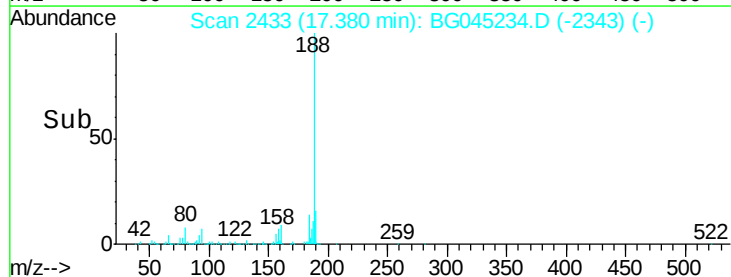
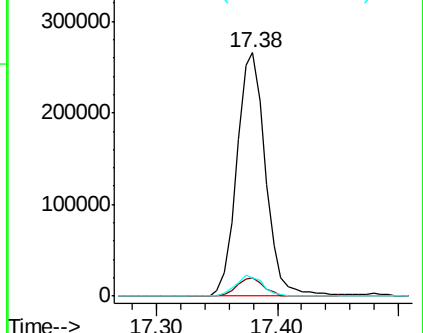
80 7.7 7.0 10.6



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# 3159

Delta R.T. -0.00 min

Lab File: BG045234.D

Acq: 4 May 2020 15:10

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-012

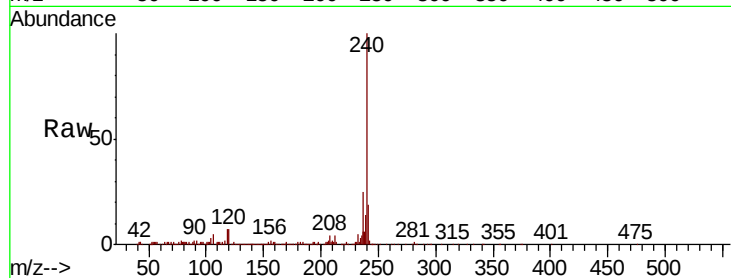
Tot Ion:240 Resp: 404376

Ion Ratio Lower Upper

240 100

120 7.1 6.6 10.0

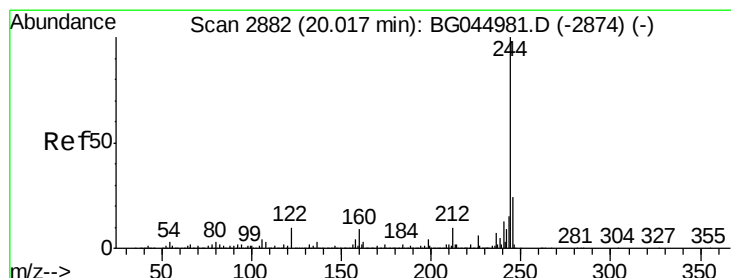
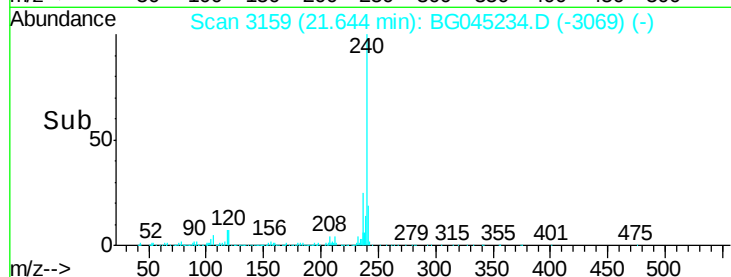
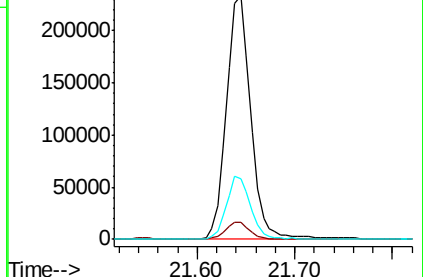
236 24.8 22.2 33.2



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: 69.572 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045234.D

Acq: 4 May 2020 15:10

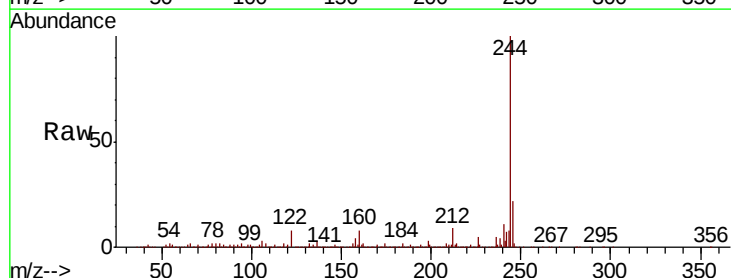
Tgt Ion:244 Resp: 1290772

Ion Ratio Lower Upper

244 100

212 8.8 7.9 11.9

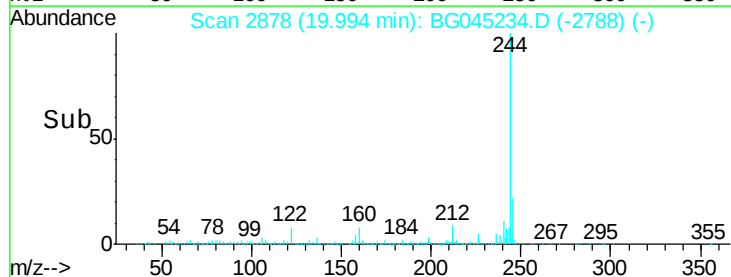
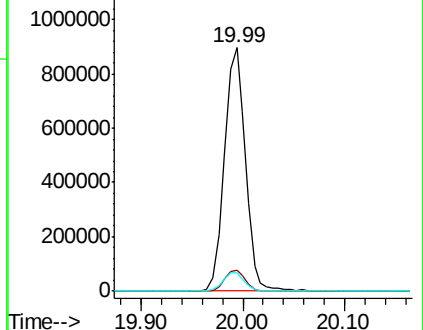
122 7.7 7.7 11.5

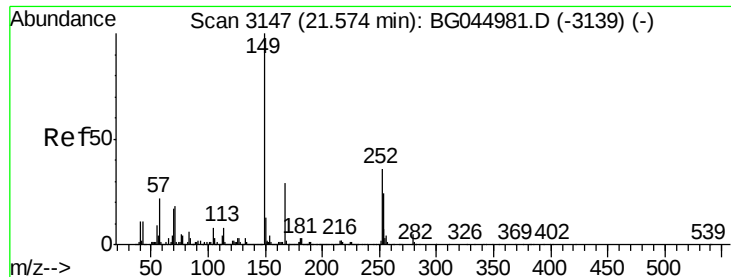


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 127.259 ng

RT: 21.54 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG045234.D

Acq: 4 May 2020 15:10

Instrument :

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ClientSampleId :

FK-0D015-03-012

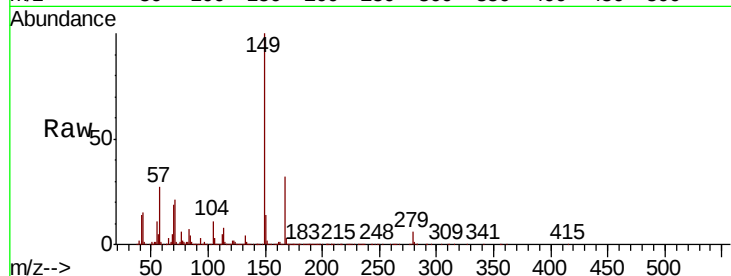
Tot Ion:149 Resp: 2022534

Ion Ratio Lower Upper

149 100

167 32.2 23.4 35.0

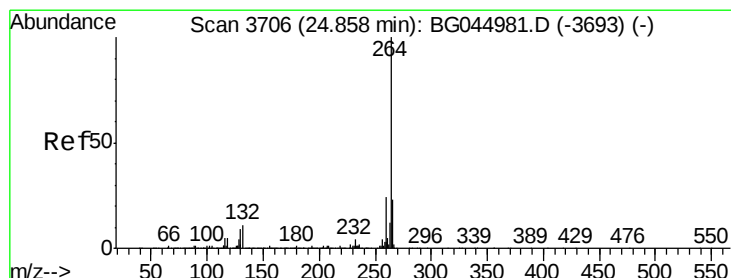
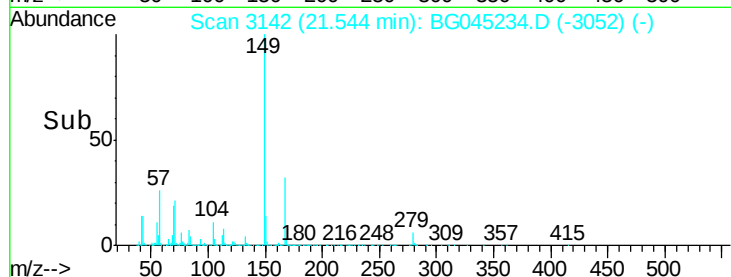
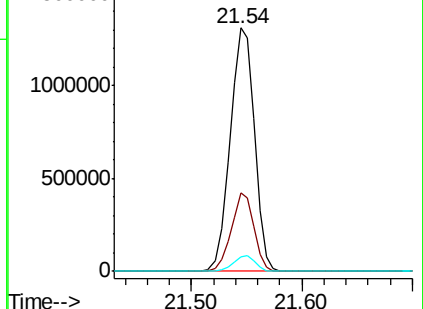
279 6.2 4.3 6.5



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: BG045234.D

Acq: 4 May 2020 15:10

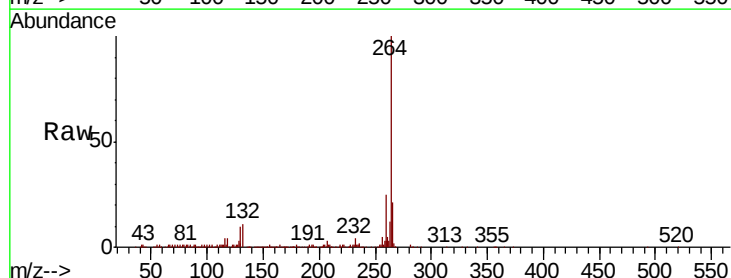
Tgt Ion:264 Resp: 464703

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 20.7 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

