

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045235.D
 Acq On : 4 May 2020 15:51
 Operator : CG/JU
 Sample : L2478-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-013

Quant Time: May 04 16:45:24 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

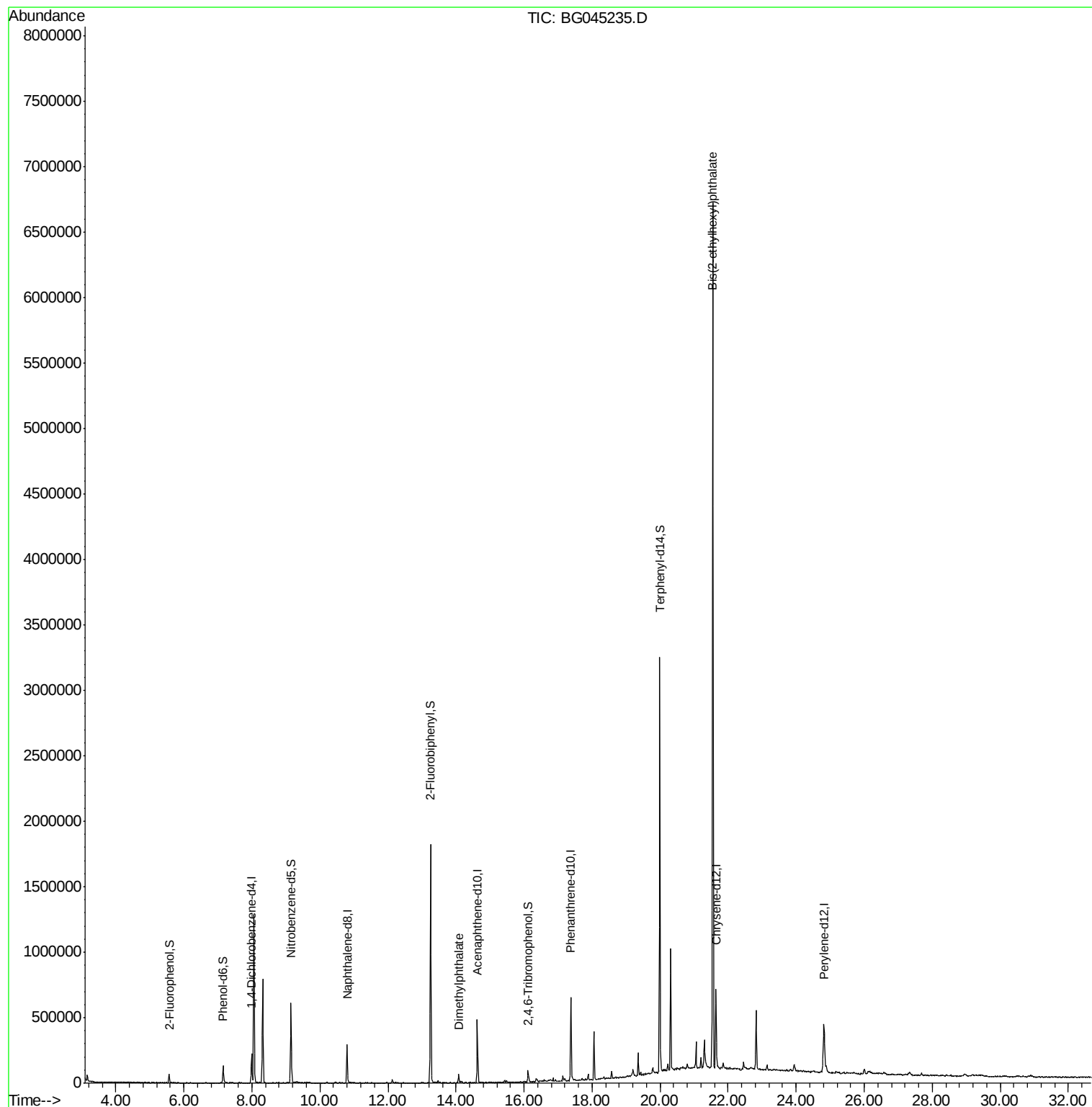
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	70409	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	261480	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	190309	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	433721	20.00	ng	0.00
76) Chrysene-d12	21.64	240	386739	20.00	ng	0.00
87) Perylene-d12	24.82	264	441796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	35053	8.22	ng	0.00
7) Phenol-d6	7.16	99	94740	14.95	ng	0.00
23) Nitrobenzene-d5	9.15	82	422498	73.73	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	19561	6.65	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1022792	78.81	ng	0.00
79) Terphenyl-d14	19.99	244	1614159	90.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	46112	2.976	ng	Qvalue # 95
84) Bis(2-ethylhexyl)phthalate	21.55	149	2760632	181.622	ng	# 91

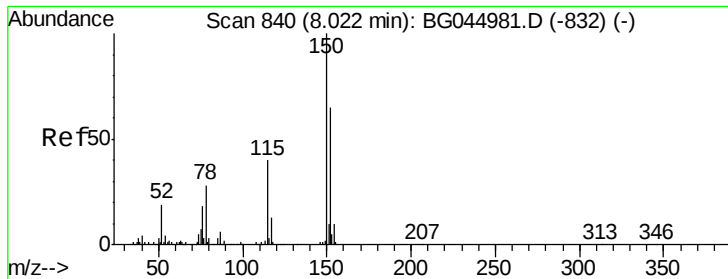
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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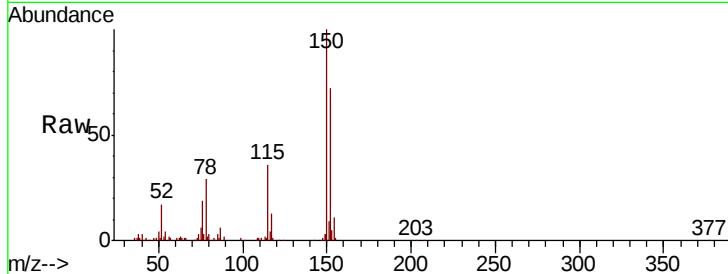


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045235.D
Acq: 4 May 2020 15:51

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-013

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.5	123.6	185.4
115	50.4	49.1	73.7

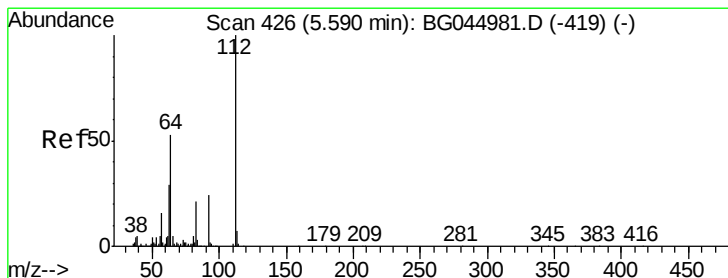
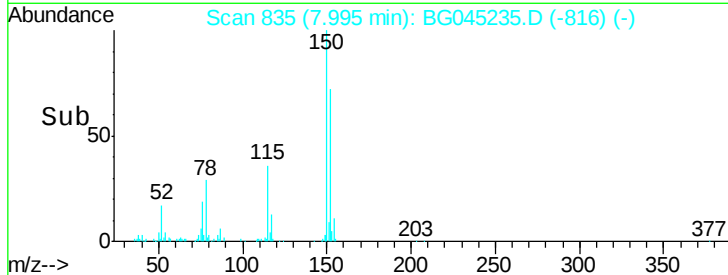
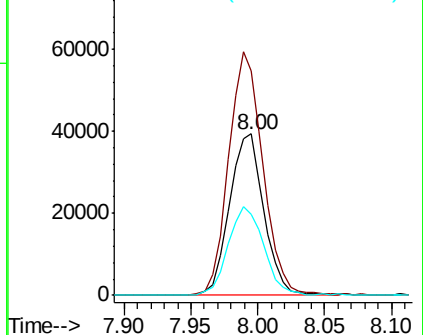


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

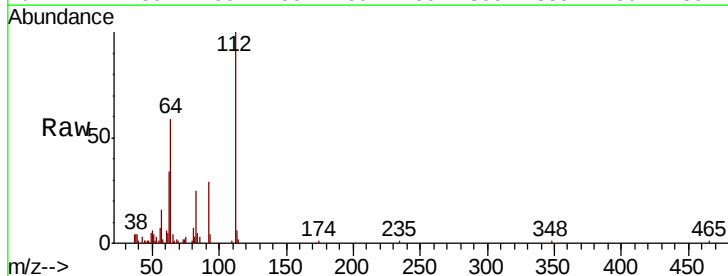
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 8.219 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045235.D
Acq: 4 May 2020 15:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	42.4	63.6
63	33.5	23.1	34.7

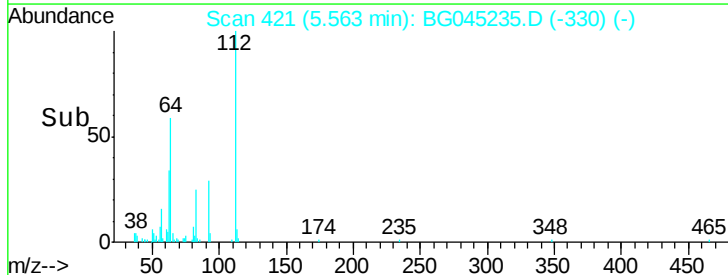
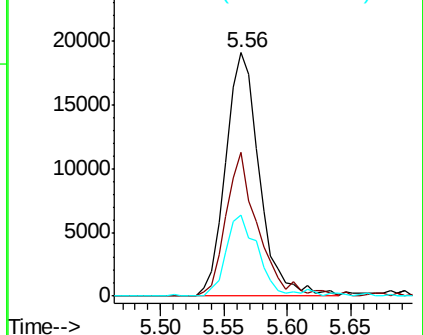


Abundance

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: 14.952 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045235.D

Acq: 4 May 2020 15:51

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-013

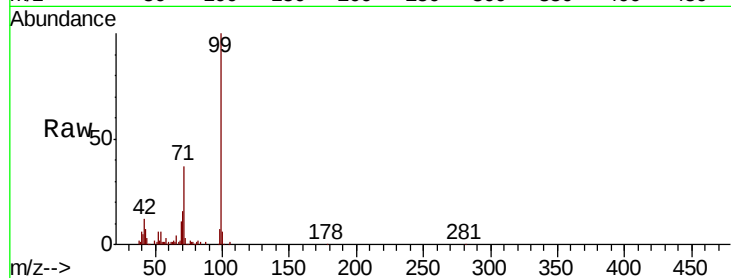
Tot Ion: 99 Resp: 94740

Ion Ratio Lower Upper

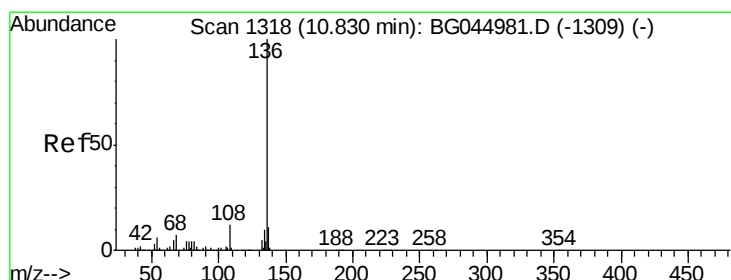
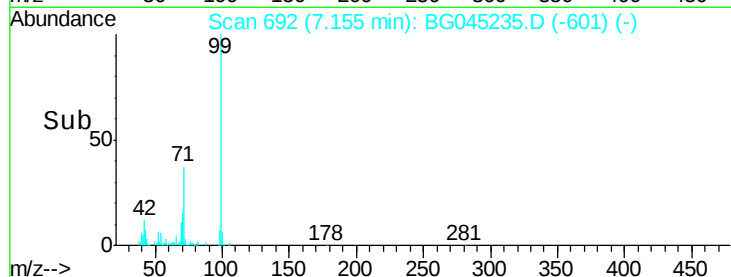
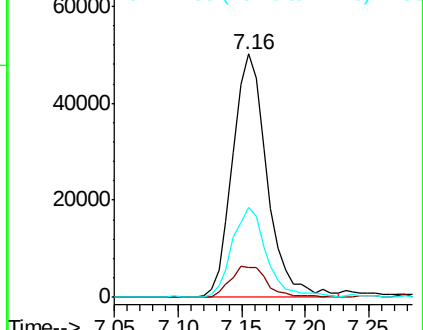
99 100

42 12.3 11.3 16.9

71 37.0 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: BG045235.D

Acq: 4 May 2020 15:51

Tgt Ion: 136 Resp: 261480

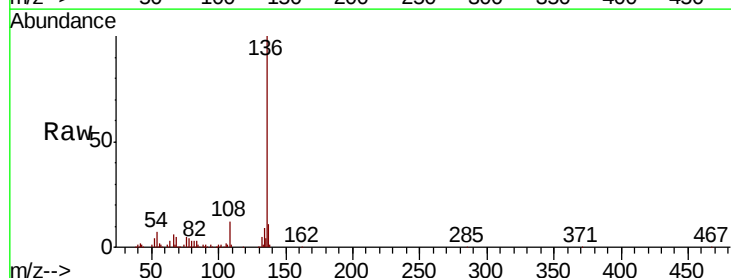
Ion Ratio Lower Upper

136 100

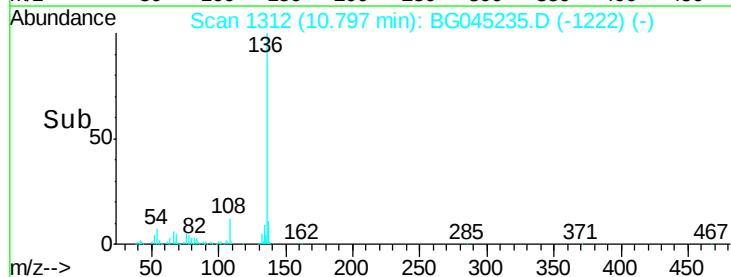
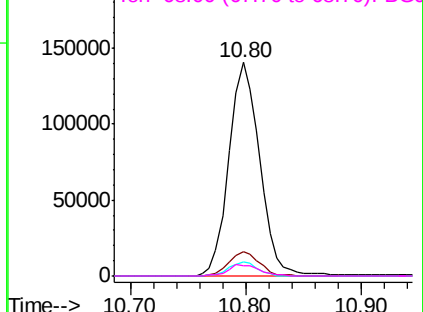
137 11.5 8.6 13.0

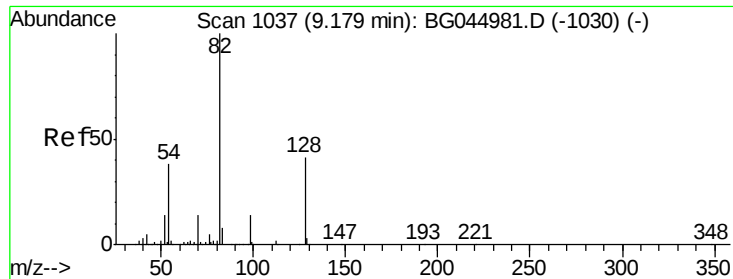
54 6.6 4.8 7.2

68 4.7 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

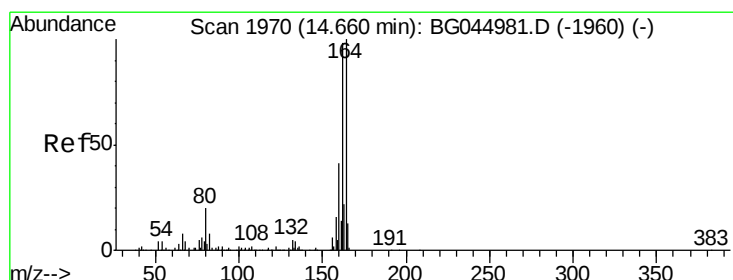
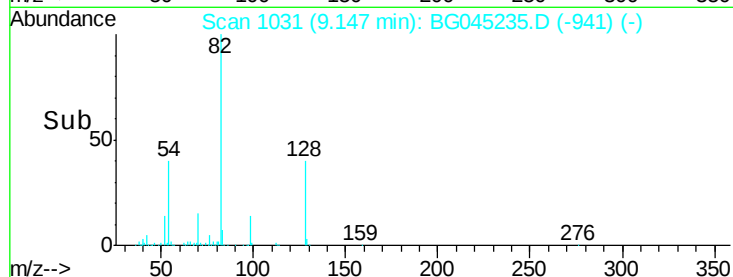
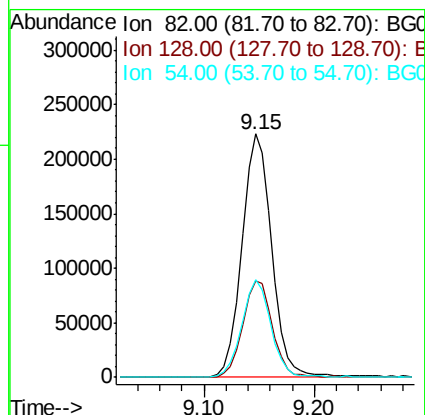
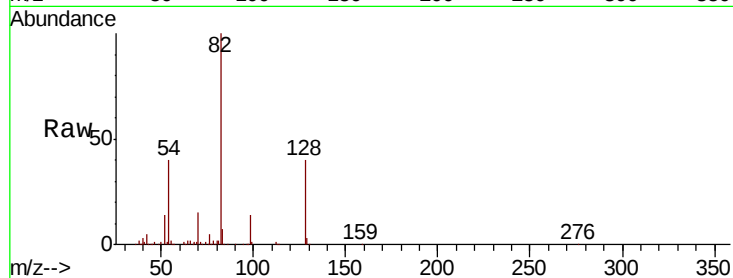




#23
Nitrobenzene-d5
Concen: 73.727 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG045235.D
Acq: 4 May 2020 15:51

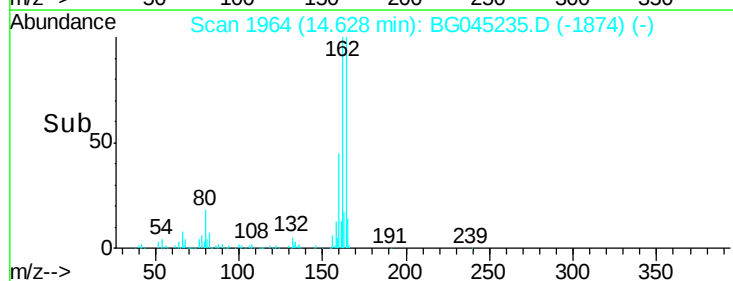
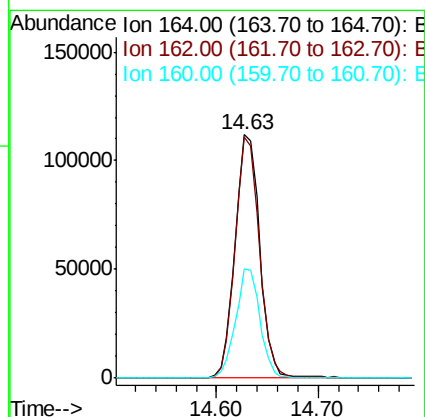
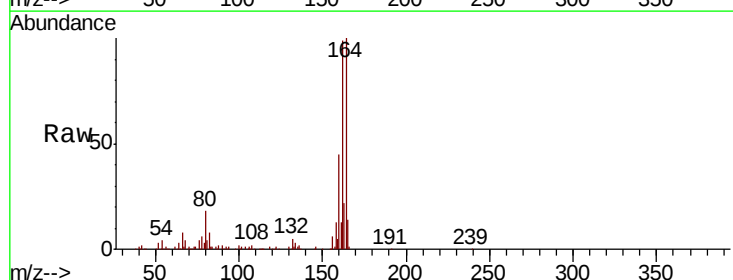
Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-013

Tot Ion: 82 Resp: 422498
Ion Ratio Lower Upper
82 100
128 39.8 33.0 49.4
54 40.0 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: BG045235.D
Acq: 4 May 2020 15:51

Tgt Ion: 164 Resp: 190309
Ion Ratio Lower Upper
164 100
162 99.3 78.7 118.1
160 44.7 32.8 49.2





#42

2,4,6-Tribromophenol

Concen: 6.653 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG045235.D

Acq: 4 May 2020 15:51

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-013

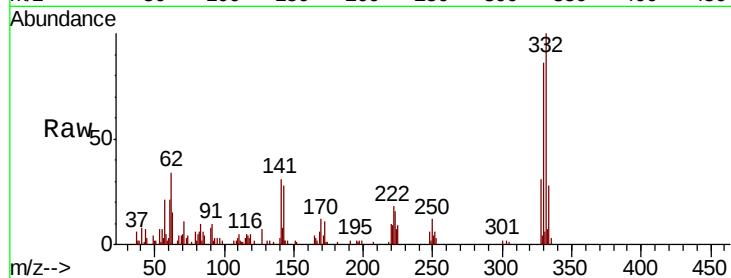
Tot Ion:330 Resp: 19561

Ion Ratio Lower Upper

330 100

332 98.8 79.1 118.7

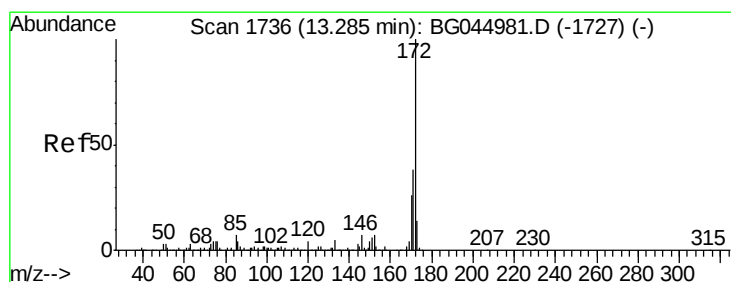
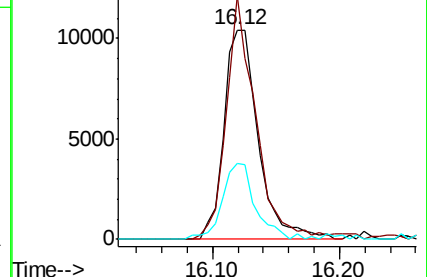
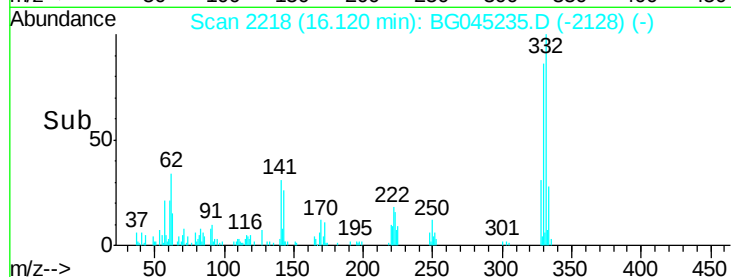
141 35.0 27.1 40.7



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: 78.805 ng

RT: 13.25 min Scan# 1730

Delta R.T. -0.00 min

Lab File: BG045235.D

Acq: 4 May 2020 15:51

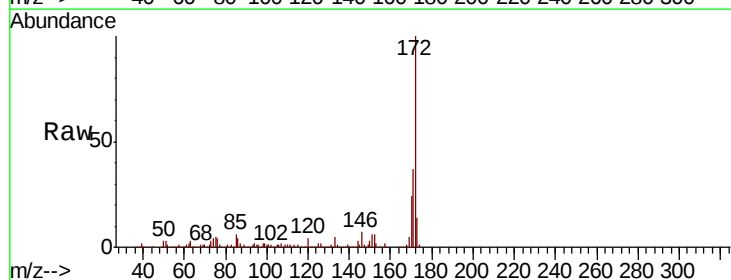
Tgt Ion:172 Resp: 1022792

Ion Ratio Lower Upper

172 100

171 36.5 30.6 46.0

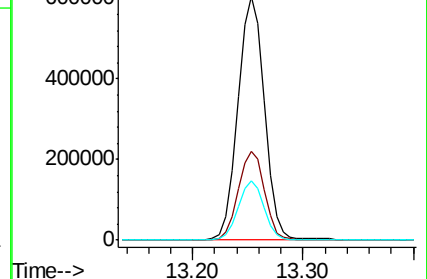
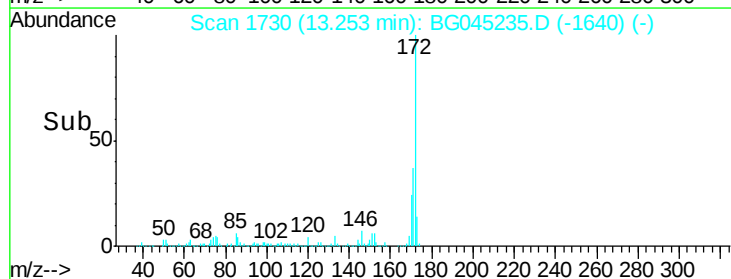
170 24.2 20.5 30.7

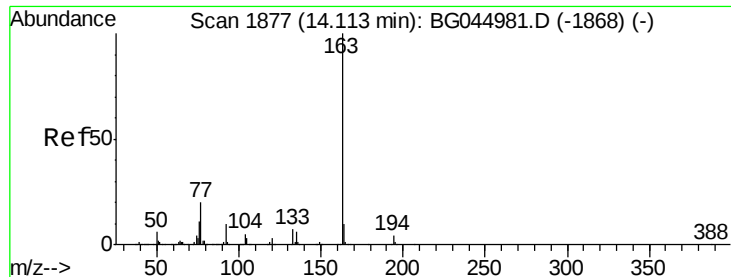


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

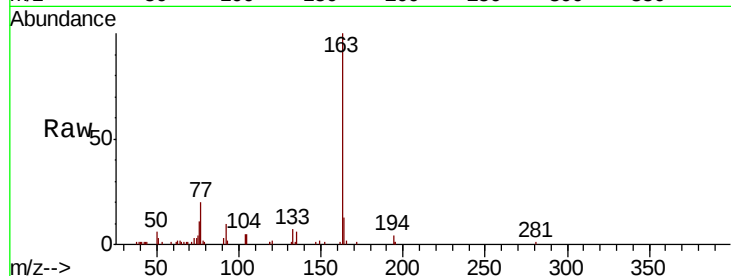




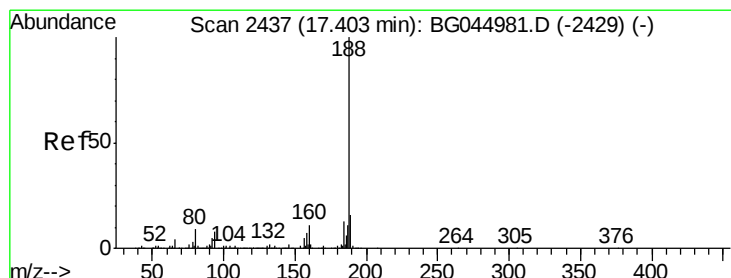
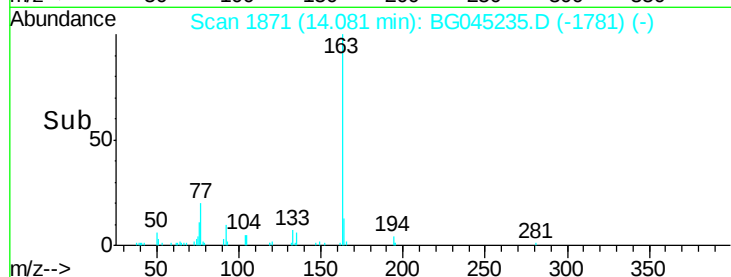
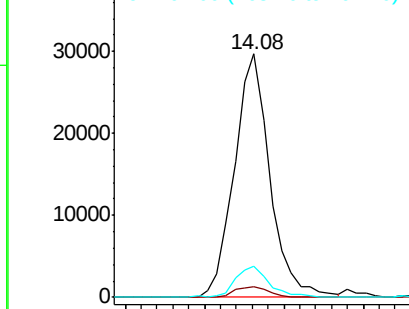
#50
Dimethylphthalate
Concen: 2.976 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BG045235.D
Acq: 4 May 2020 15:51

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-013

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	12.8	8.2	12.4#

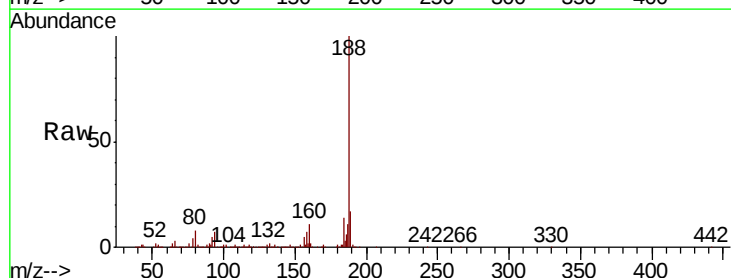


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

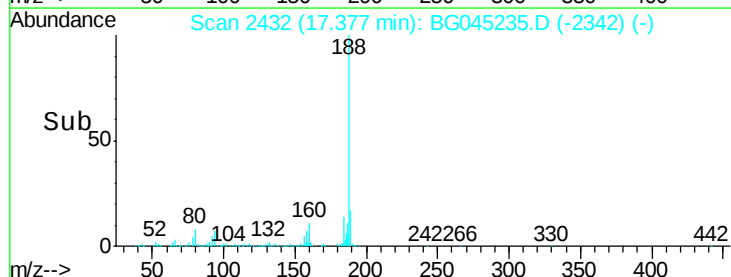
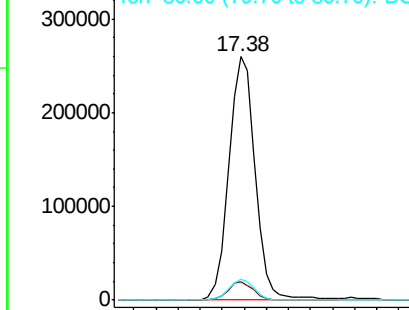


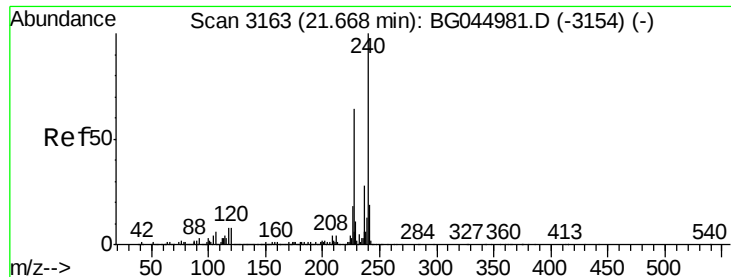
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045235.D
Acq: 4 May 2020 15:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	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): BGC
Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG045235.D

Acq: 4 May 2020 15:51

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-013

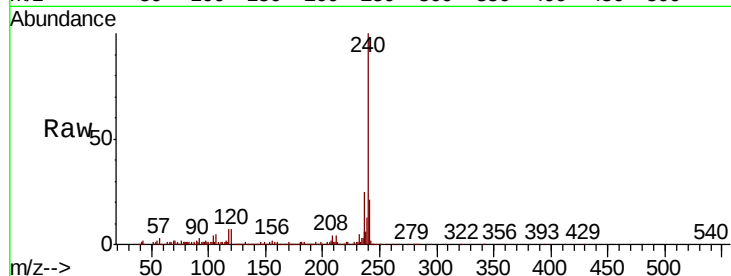
Tot Ion:240 Resp: 386739

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

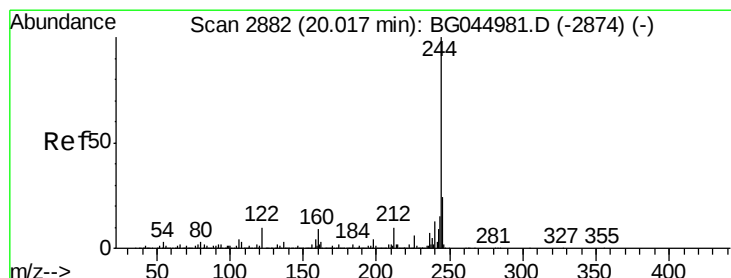
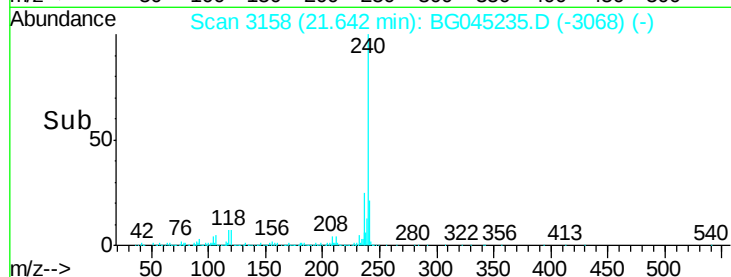
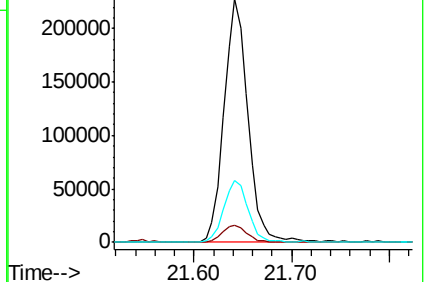
236 25.2 22.2 33.2



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: 90.970 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045235.D

Acq: 4 May 2020 15:51

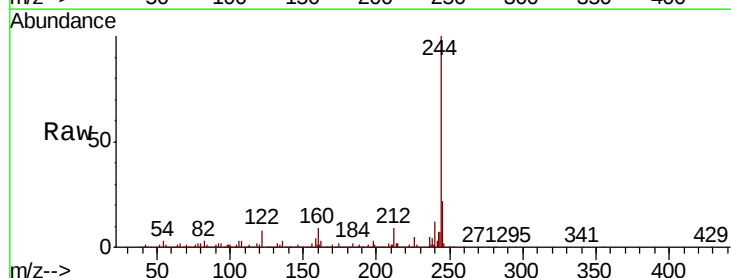
Tgt Ion:244 Resp: 1614159

Ion Ratio Lower Upper

244 100

212 8.9 7.9 11.9

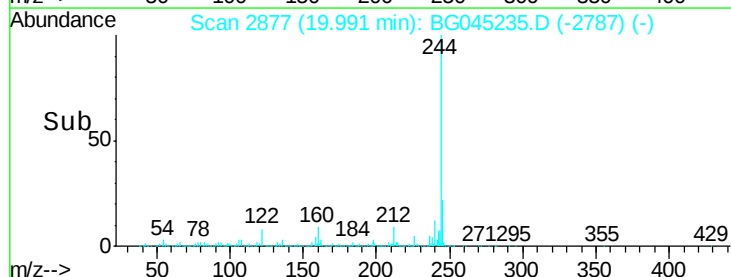
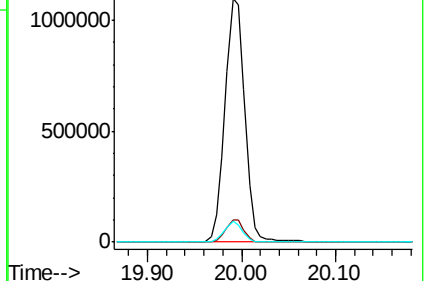
122 8.4 7.7 11.5

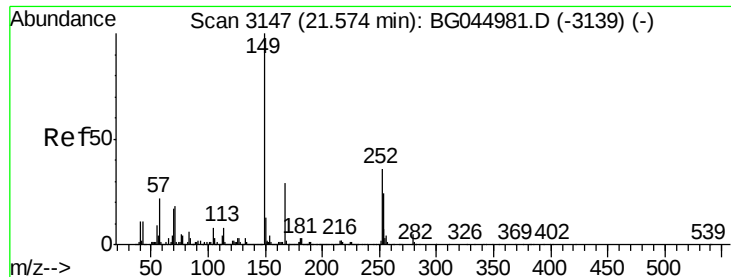


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 181.622 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG045235.D

Acq: 4 May 2020 15:51

Instrument :

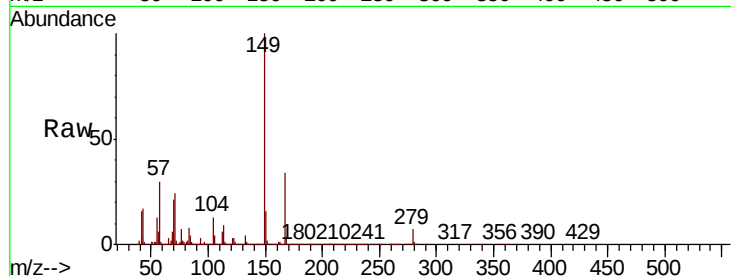
BNA_G

ClientSampleId :

FK-0D015-03-013

Tot Ion:149 Resp: 2760632

Ion	Ratio	Lower	Upper
149	100		
167	34.4	23.4	35.0
279	6.8	4.3	6.5#

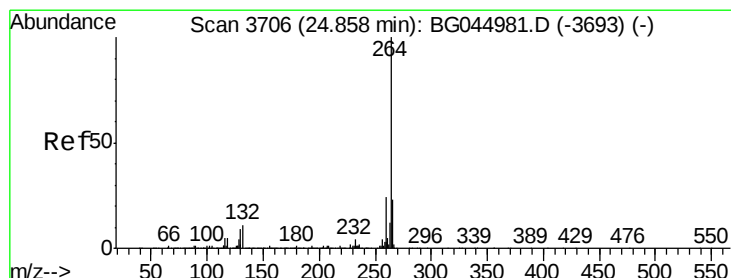
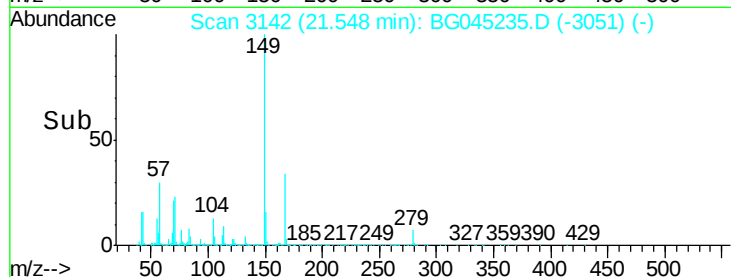
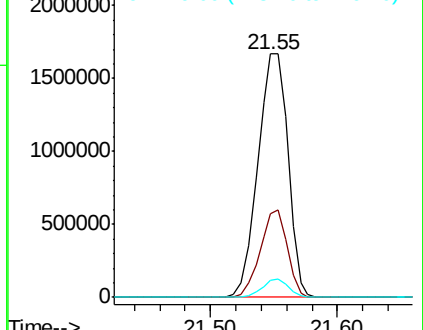


Abundance

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

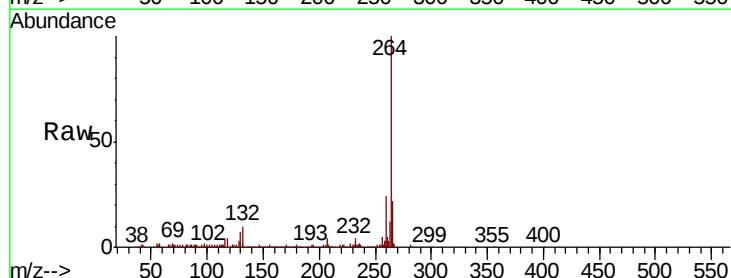
Delta R.T. -0.00 min

Lab File: BG045235.D

Acq: 4 May 2020 15:51

Tgt Ion:264 Resp: 441796

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	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

