

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043235.D
 Acq On : 16 Oct 2019 3:39
 Operator : JU
 Sample : PB123985TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123985TB

Quant Time: Oct 16 08:18:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

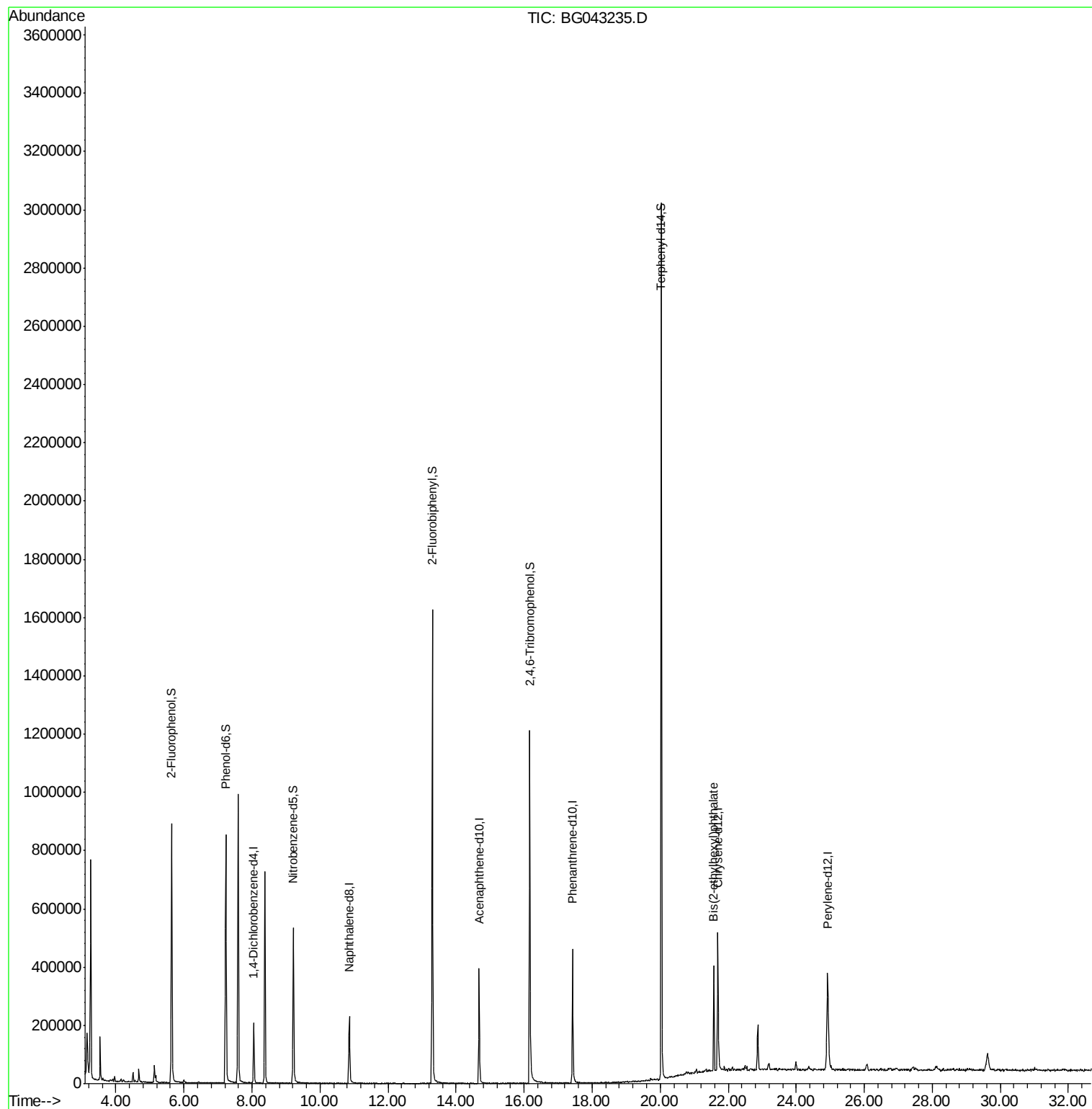
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62334	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	221004	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	154088	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	322129	20.00	ng	0.00
76) Chrysene-d12	21.70	240	341255	20.00	ng	0.00
87) Perylene-d12	24.92	264	401712	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	402398	115.21	ng	0.00
7) Phenol-d6	7.23	99	539845	107.33	ng	0.00
23) Nitrobenzene-d5	9.22	82	364818	80.23	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	313412	118.28	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	950702	89.44	ng	0.00
79) Terphenyl-d14	20.03	244	1548847	96.71	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phthalate	21.58	149	153933	13.993	ng	98

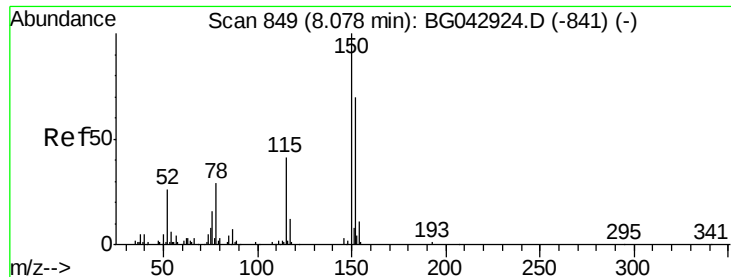
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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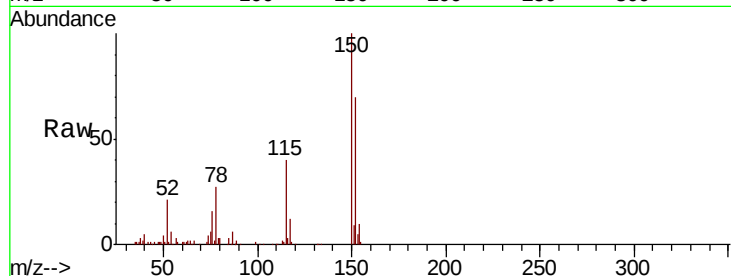


#1

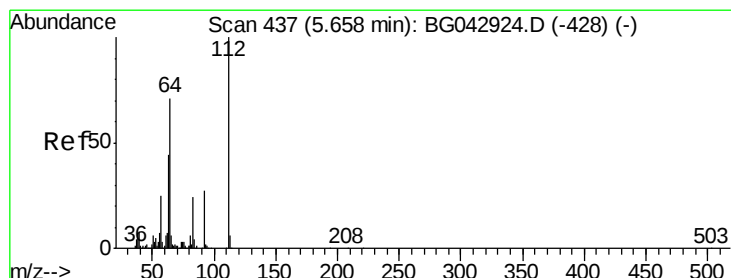
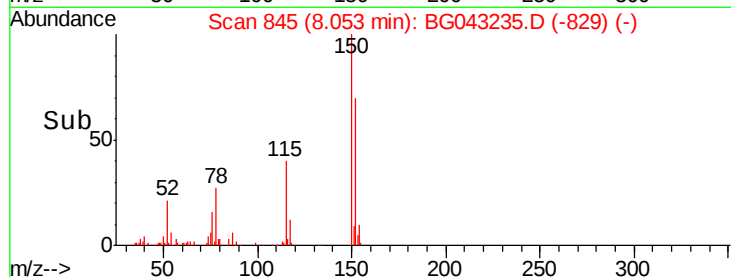
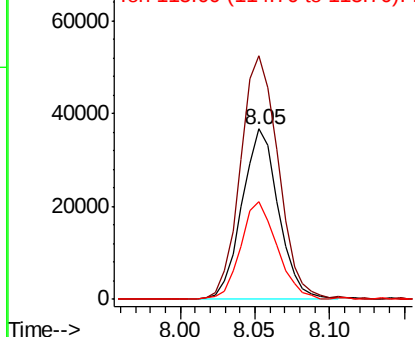
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043235.D
Acq: 16 Oct 2019 3:39

Instrument :
BNA_G
ClientSampleId :
PB123985TB

Tot Ion:152 Resp: 62334
Ion Ratio Lower Upper
152 100
150 142.9 115.0 172.4
115 57.5 47.0 70.6



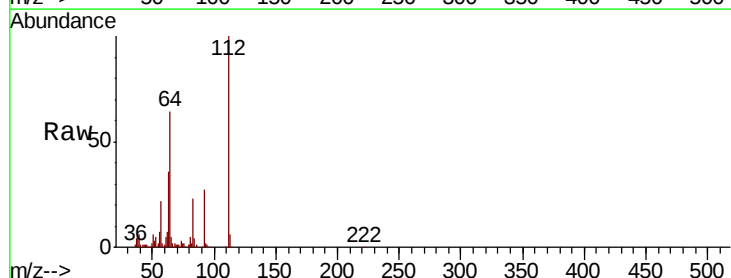
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



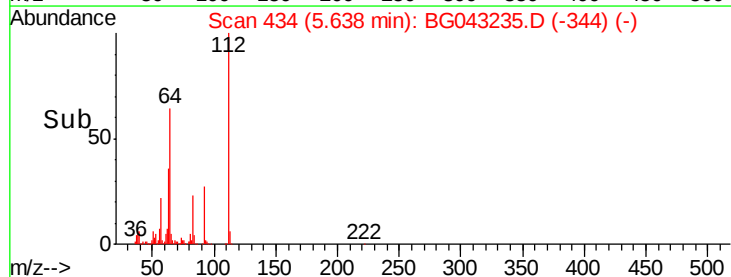
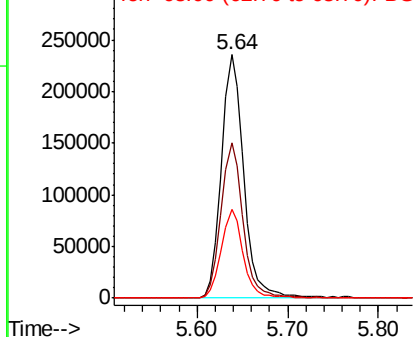
#5

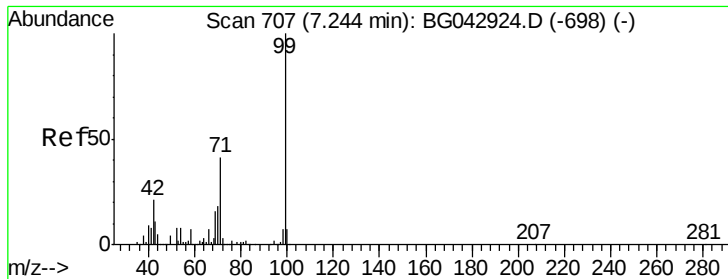
2-Fluorophenol
Concen: 115.206 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG043235.D
Acq: 16 Oct 2019 3:39

Tgt Ion:112 Resp: 402398
Ion Ratio Lower Upper
112 100
64 63.7 56.6 84.8
63 36.2 35.1 52.7



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: 107.327 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043235.D

Acq: 16 Oct 2019 3:39

Instrument :

BNA_G

ClientSampleId :

PB123985TB

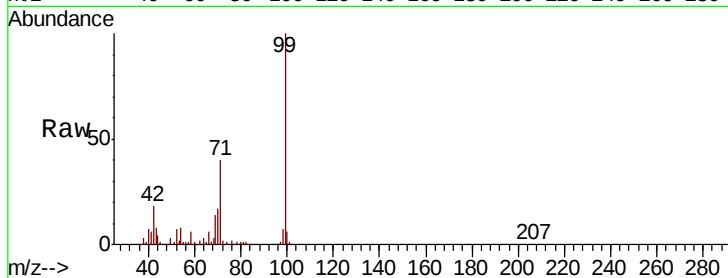
Tot Ion: 99 Resp: 539845

Ion Ratio Lower Upper

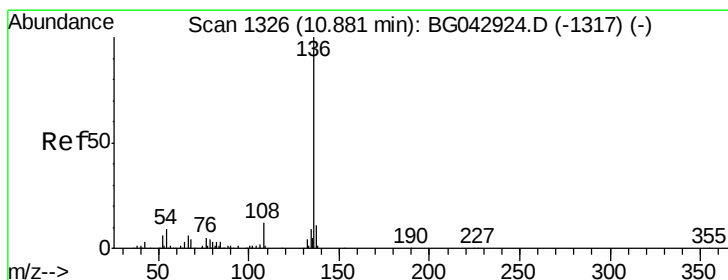
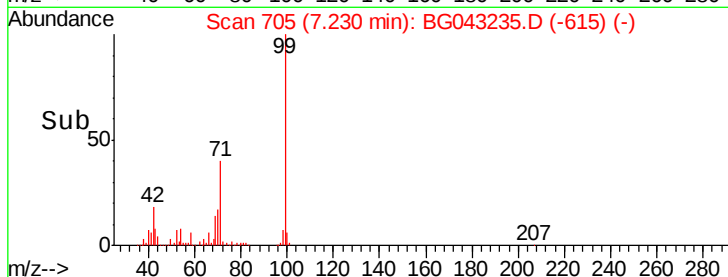
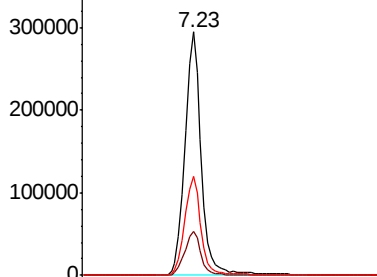
99 100

42 17.9 17.2 25.8

71 40.4 33.1 49.7



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: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG043235.D

Acq: 16 Oct 2019 3:39

Tgt Ion: 136 Resp: 221004

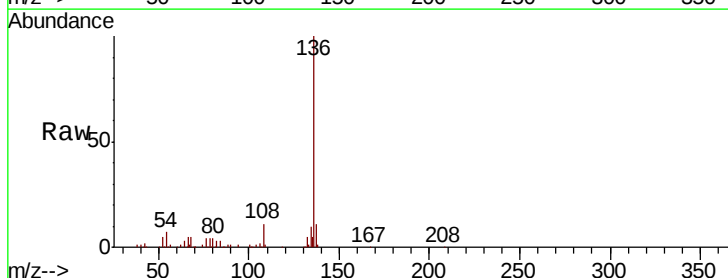
Ion Ratio Lower Upper

136 100

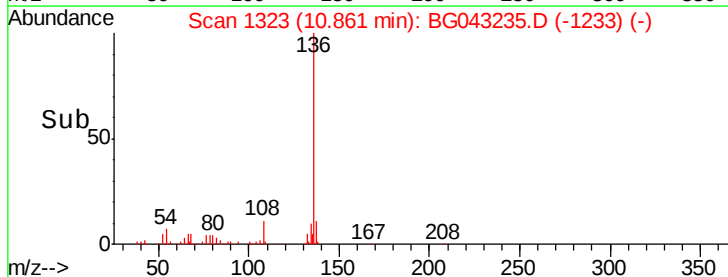
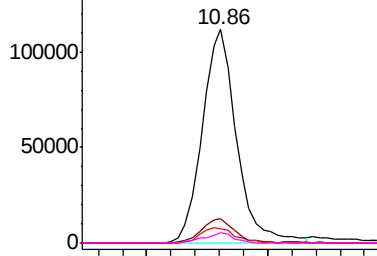
137 11.3 8.5 12.7

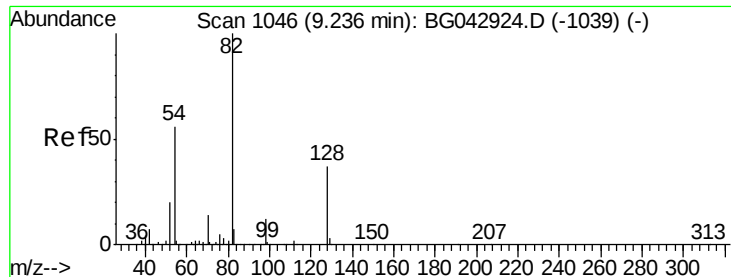
54 6.8 7.4 11.2#

68 4.6 3.6 5.4



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: 80.234 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG043235.D

Acq: 16 Oct 2019 3:39

Instrument :

BNA_G

ClientSampleId :

PB123985TB

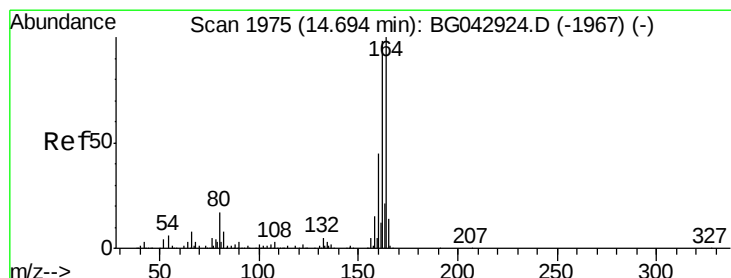
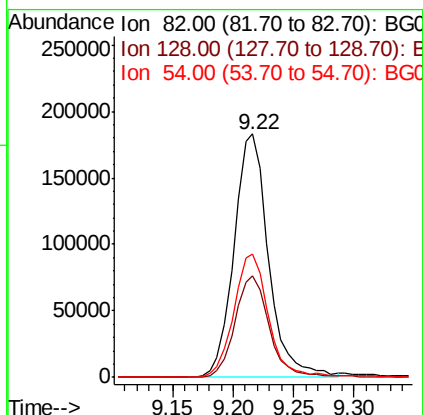
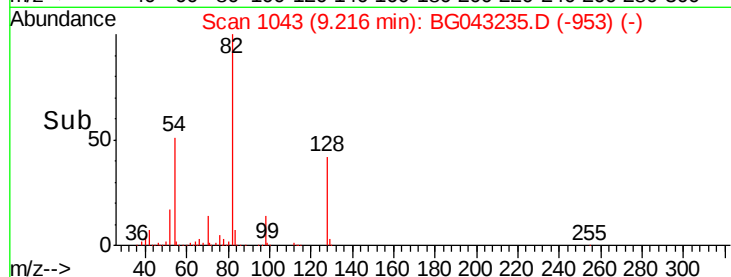
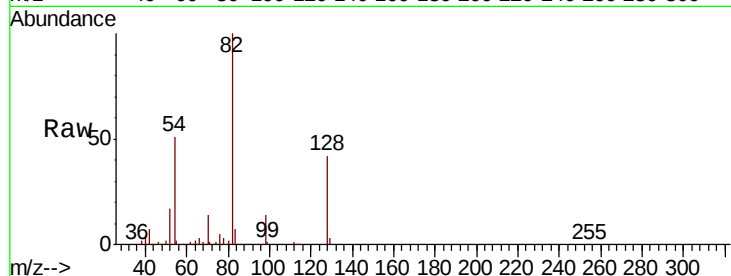
Tot Ion: 82 Resp: 364818

Ion Ratio Lower Upper

82 100

128 41.9 29.5 44.3

54 50.5 44.6 67.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG043235.D

Acq: 16 Oct 2019 3:39

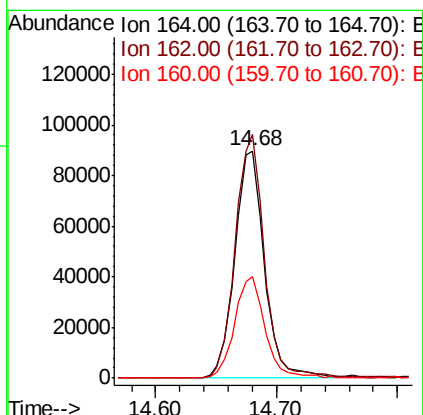
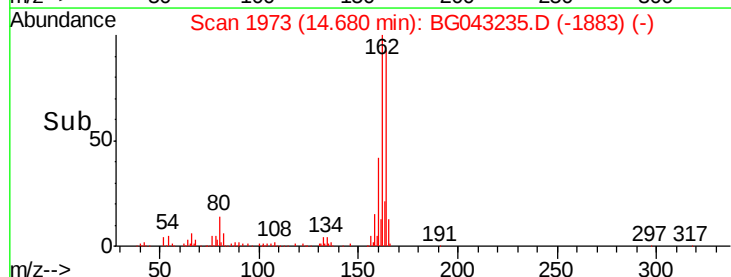
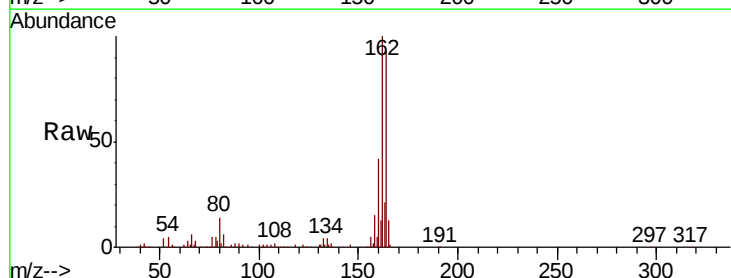
Tgt Ion:164 Resp: 154088

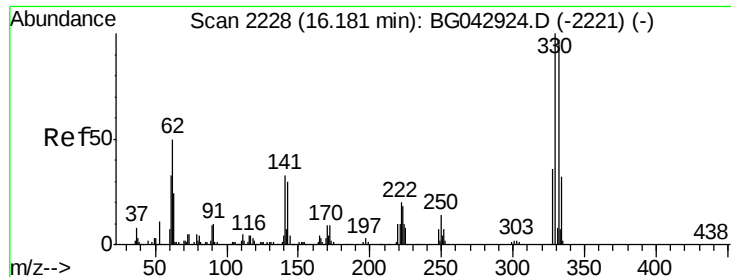
Ion Ratio Lower Upper

164 100

162 107.3 78.5 117.7

160 44.8 35.9 53.9

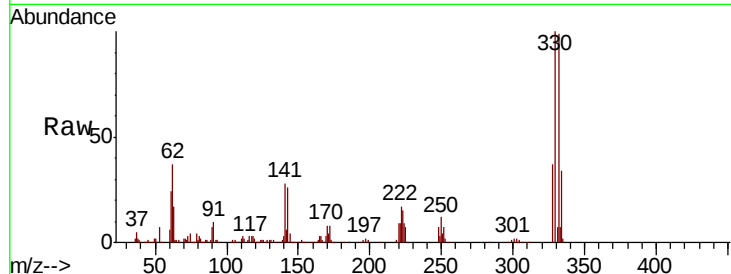




#42
2,4,6-Tribromophenol
Concen: 118.285 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG043235.D
Acq: 16 Oct 2019 3:39

Instrument :
BNA_G
ClientSampleId :
PB123985TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.2	117.2
141	27.3	26.0	39.0

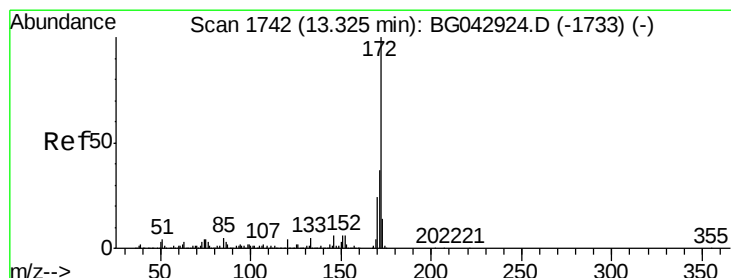
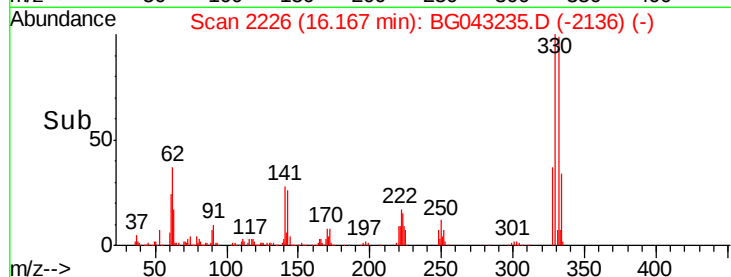
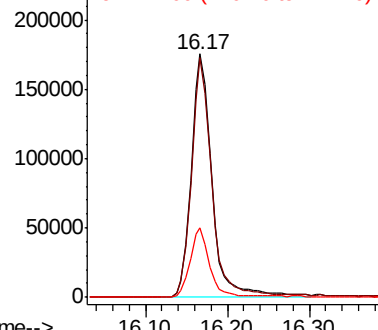


Abundance

Ion 329.80 (329.50 to 330.50): E

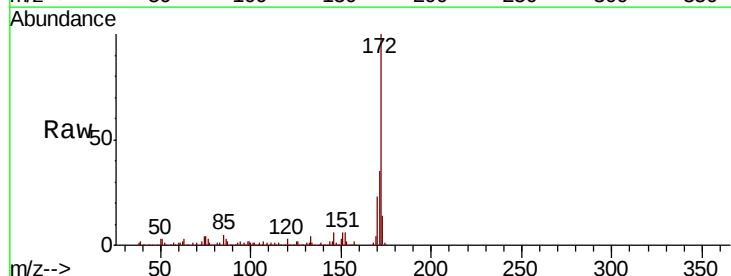
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 89.444 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043235.D
Acq: 16 Oct 2019 3:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.4	19.6	29.4

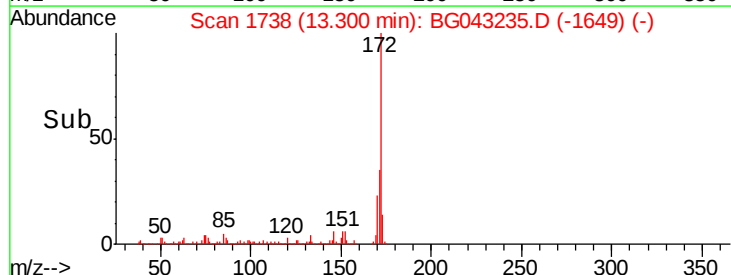
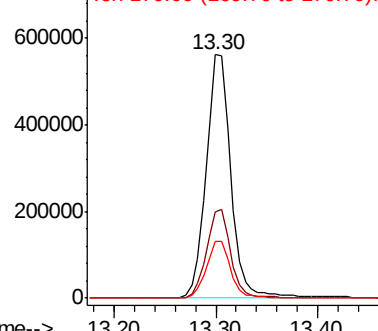


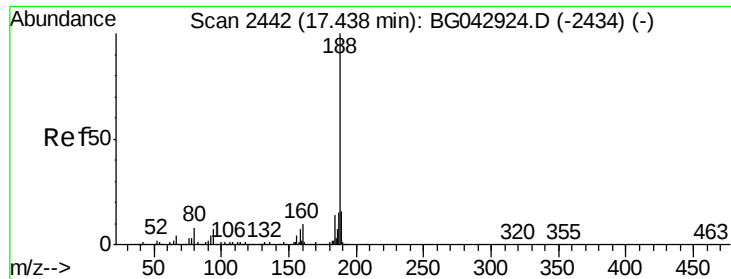
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BG043235.D

Acq: 16 Oct 2019 3:39

Instrument :

BNA_G

ClientSampleId :

PB123985TB

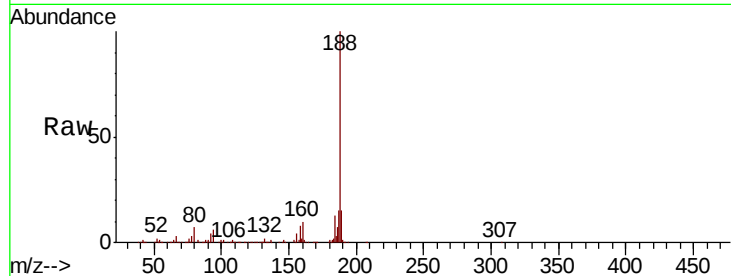
Tot Ion:188 Resp: 322129

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

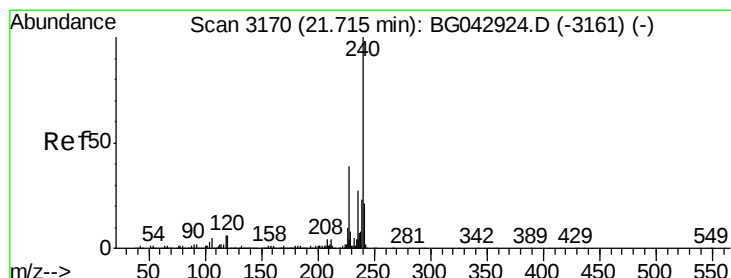
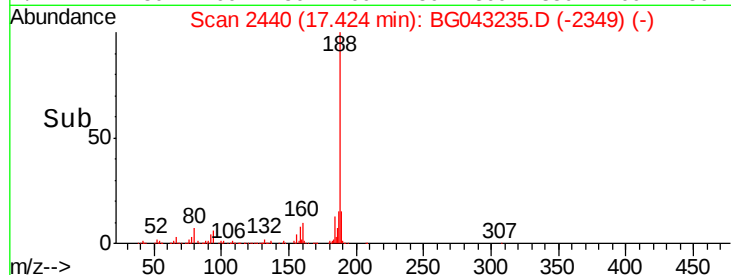
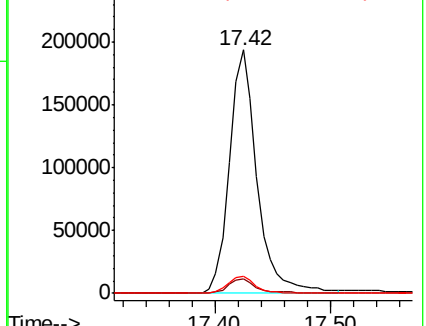
80 6.9 6.5 9.7



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: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG043235.D

Acq: 16 Oct 2019 3:39

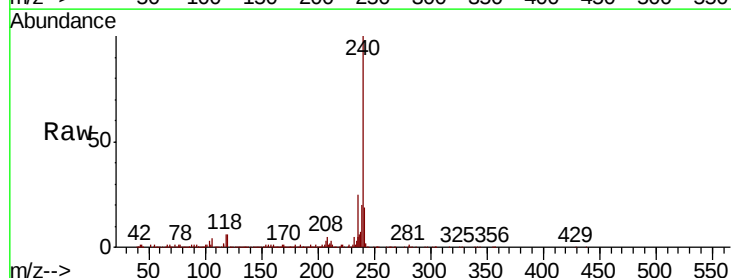
Tgt Ion:240 Resp: 341255

Ion Ratio Lower Upper

240 100

120 6.2 4.8 7.2

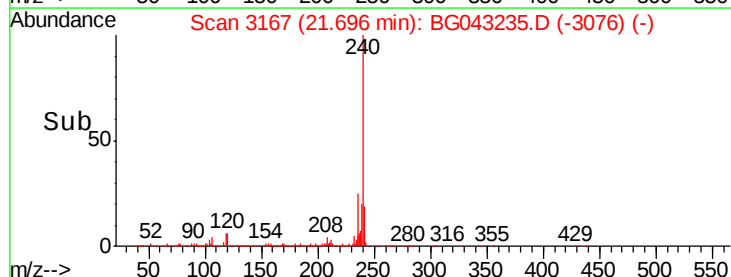
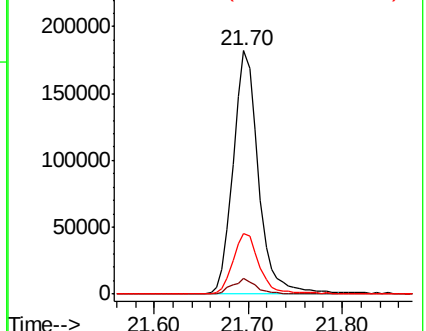
236 24.8 21.4 32.0

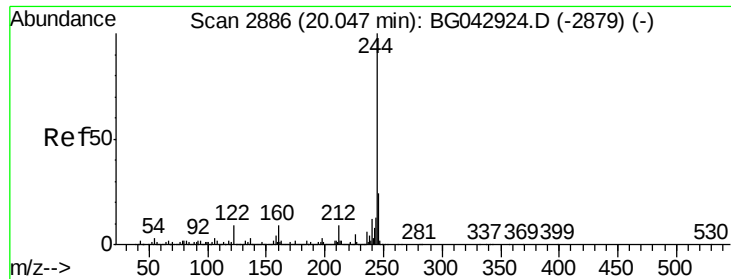


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.714 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043235.D

Acq: 16 Oct 2019 3:39

Instrument :

BNA_G

ClientSampleId :

PB123985TB

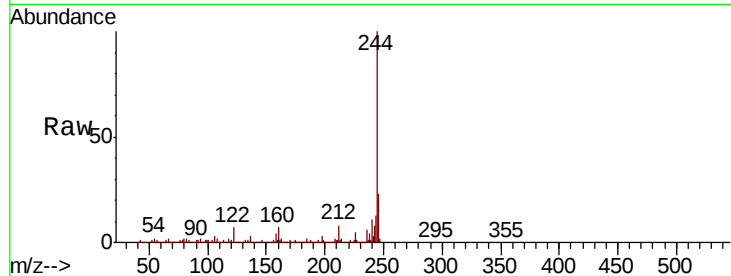
Tot Ion:244 Resp: 1548847

Ion Ratio Lower Upper

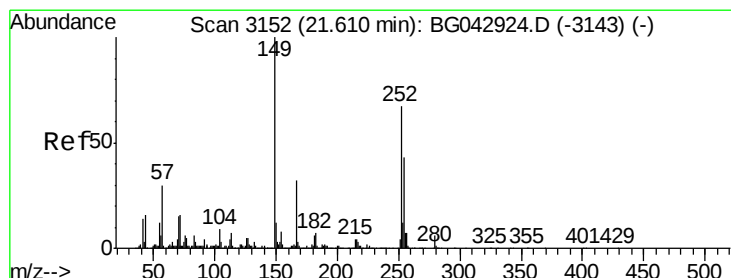
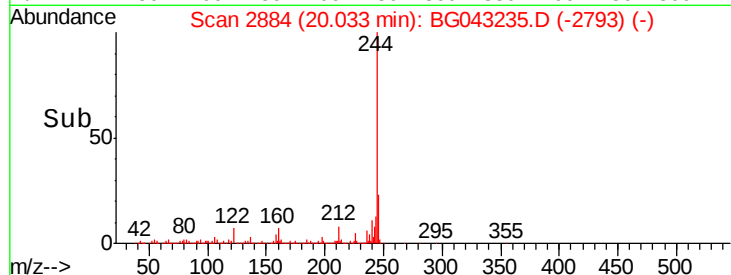
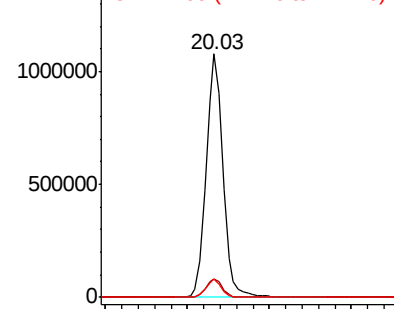
244 100

212 7.8 7.4 11.0

122 7.5 7.0 10.4



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: 13.993 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG043235.D

Acq: 16 Oct 2019 3:39

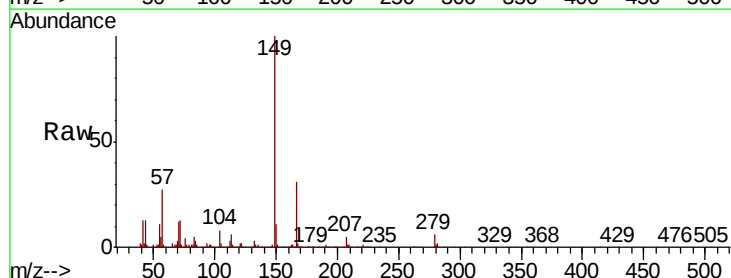
Tgt Ion:149 Resp: 153933

Ion Ratio Lower Upper

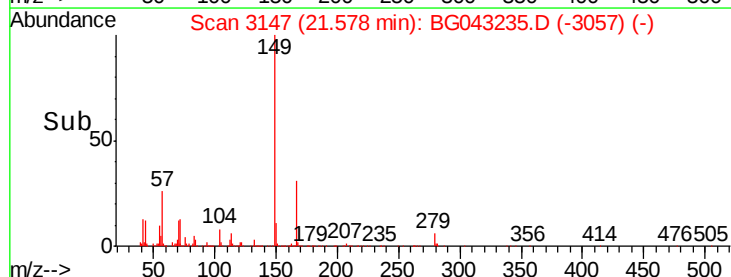
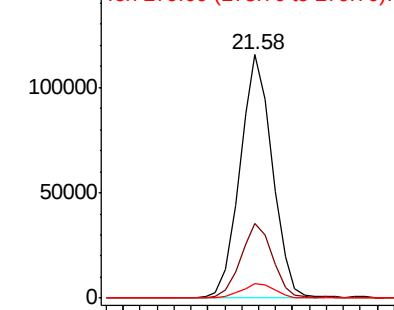
149 100

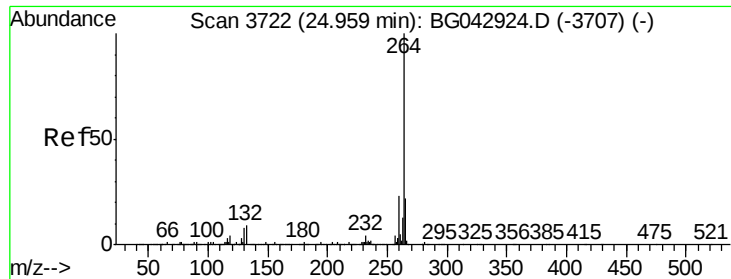
167 30.7 25.4 38.2

279 5.9 5.1 7.7



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
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG043235.D
Acq: 16 Oct 2019 3:39

Instrument :
BNA_G
ClientSampleId :
PB123985TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	20.0	17.7	26.5

