

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043243.D
 Acq On : 16 Oct 2019 8:46
 Operator : JU
 Sample : K5355-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-33

Quant Time: Oct 16 11:45:40 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

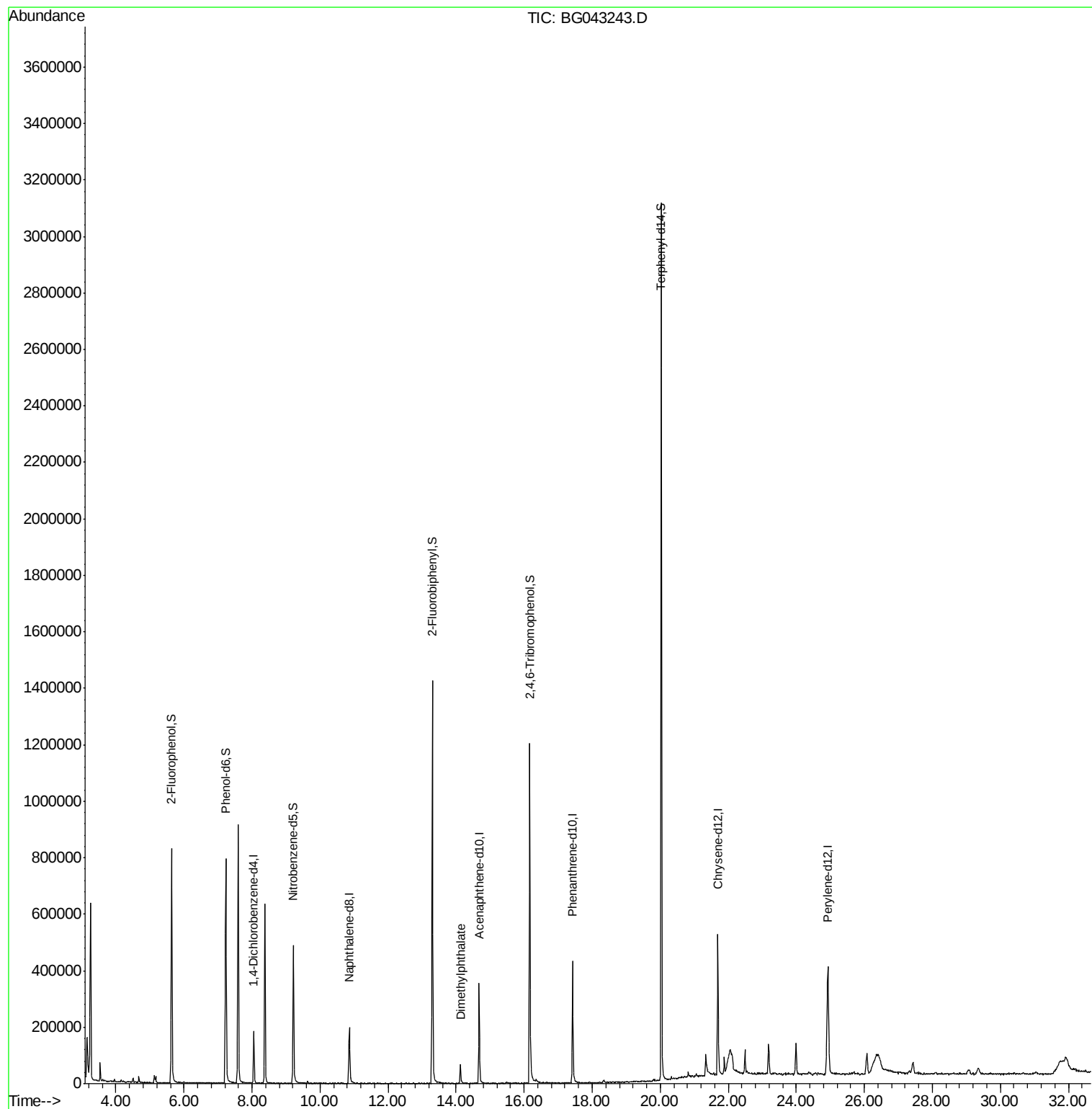
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55095	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	196547	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	141981	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	317177	20.00	ng	0.00
76) Chrysene-d12	21.69	240	347648	20.00	ng	0.00
87) Perylene-d12	24.92	264	407717	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	378117	122.48	ng	0.00
7) Phenol-d6	7.23	99	506449	113.92	ng	0.00
23) Nitrobenzene-d5	9.22	82	336031	83.10	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	305911	125.30	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	847970	86.58	ng	0.00
79) Terphenyl-d14	20.03	244	1624533	99.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	58313	5.482	ng	Qvalue # 96

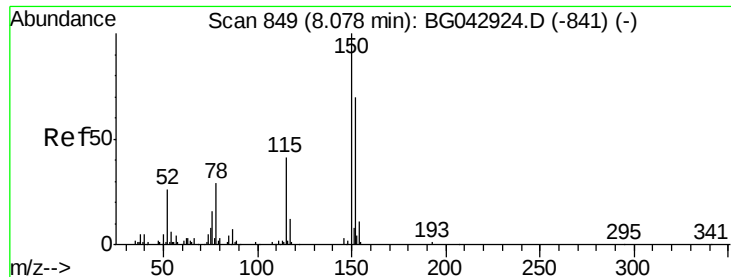
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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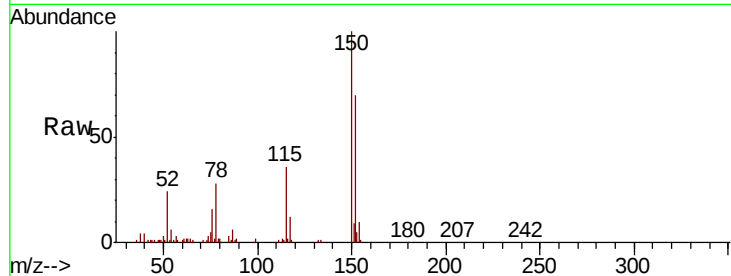


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043243.D
Acq: 16 Oct 2019 8:46

Instrument :
BNA_G
ClientSampleId :
COMP-33

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.6	115.0	172.4
115	52.0	47.0	70.6

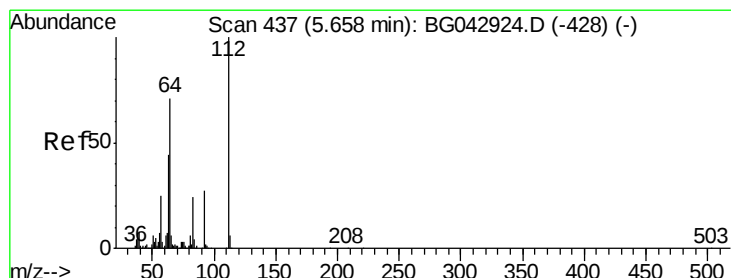
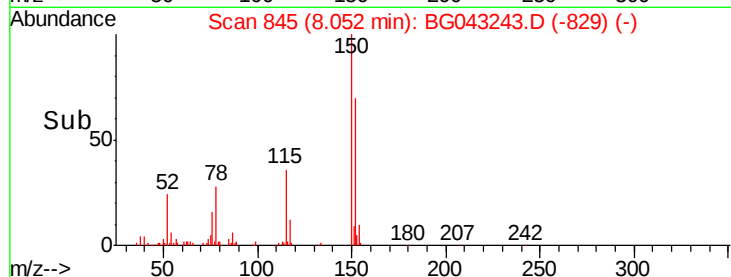
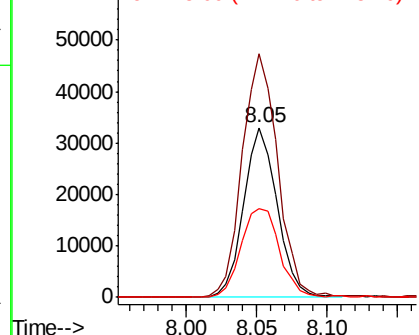


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

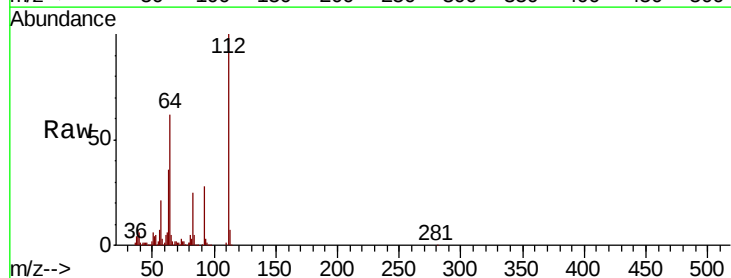
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.479 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG043243.D
Acq: 16 Oct 2019 8:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.6	84.8
63	35.8	35.1	52.7

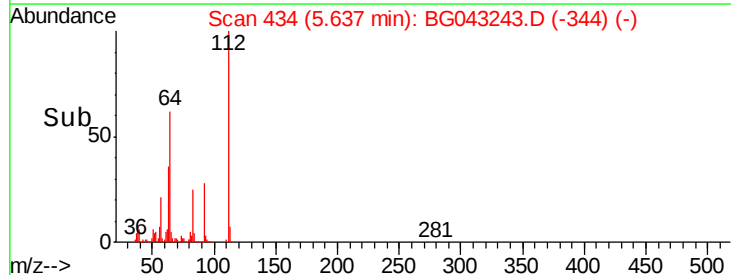
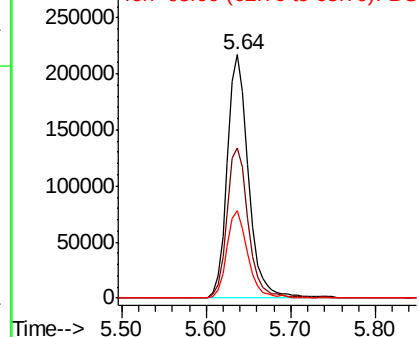


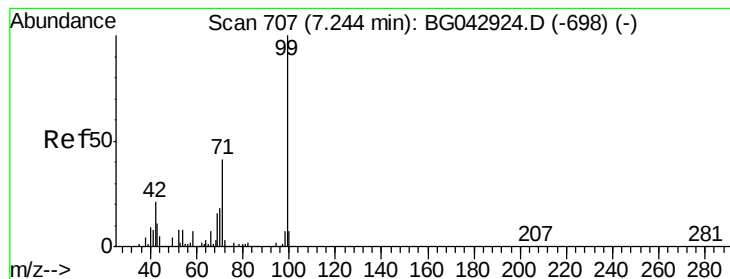
Abundance

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: 113.917 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043243.D

Acq: 16 Oct 2019 8:46

Instrument :

BNA_G

ClientSampleId :

COMP-33

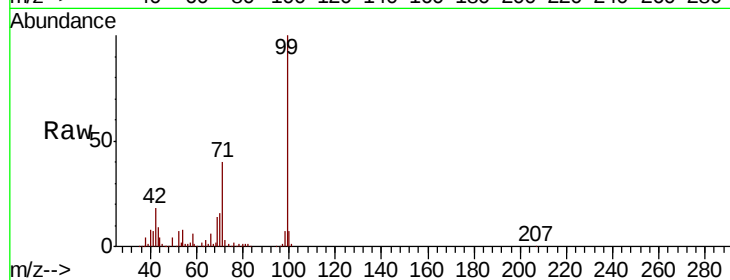
Tot Ion: 99 Resp: 506449

Ion Ratio Lower Upper

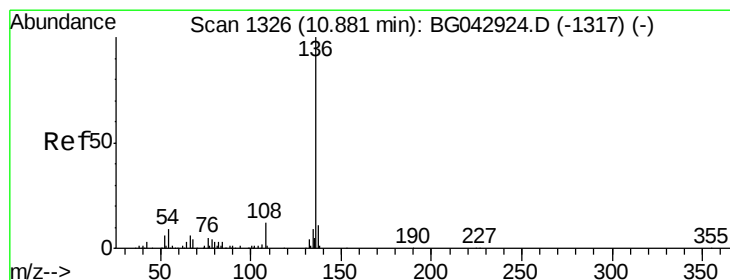
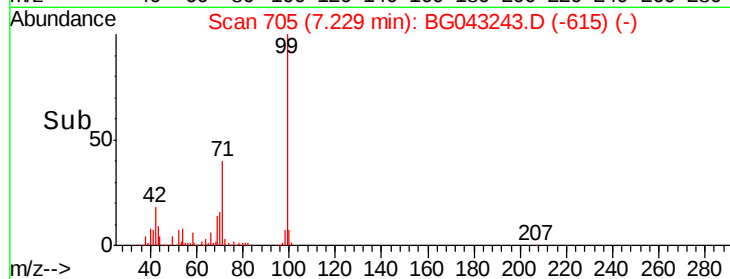
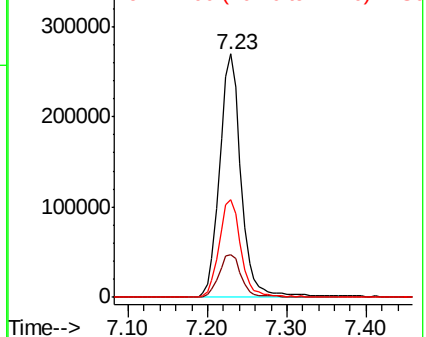
99 100

42 17.8 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: BG043243.D

Acq: 16 Oct 2019 8:46

Tgt Ion: 136 Resp: 196547

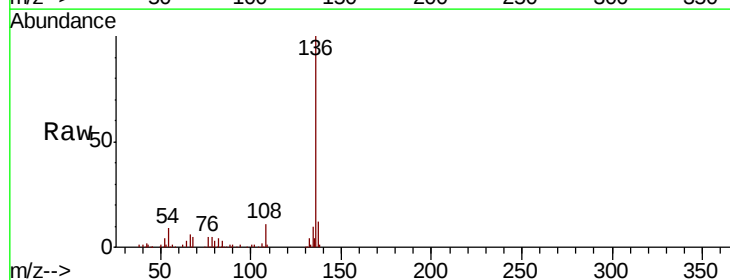
Ion Ratio Lower Upper

136 100

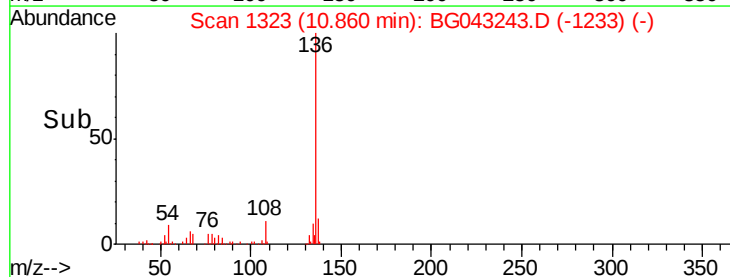
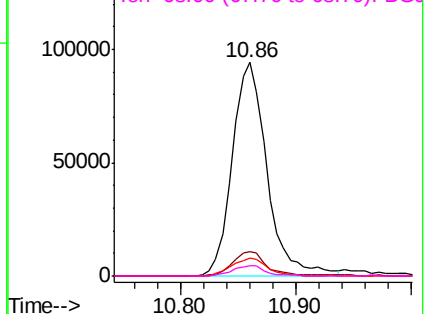
137 11.6 8.5 12.7

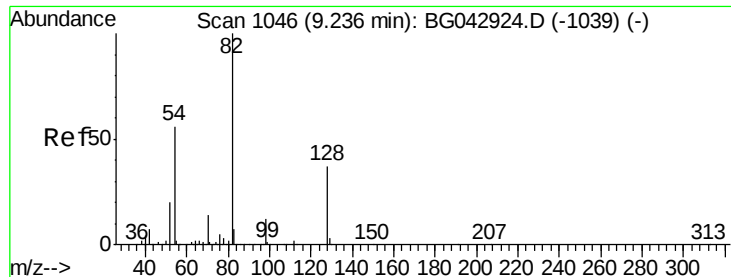
54 8.6 7.4 11.2

68 4.7 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: 83.099 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG043243.D

Acq: 16 Oct 2019 8:46

Instrument :

BNA_G

ClientSampleId :

COMP-33

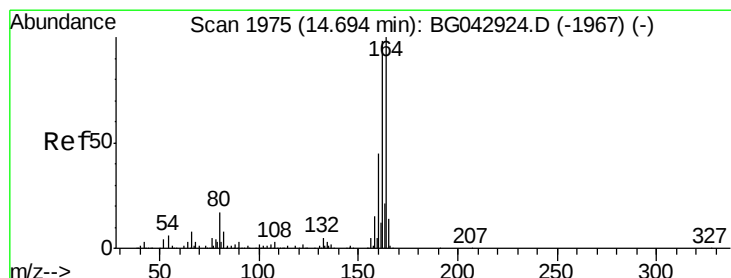
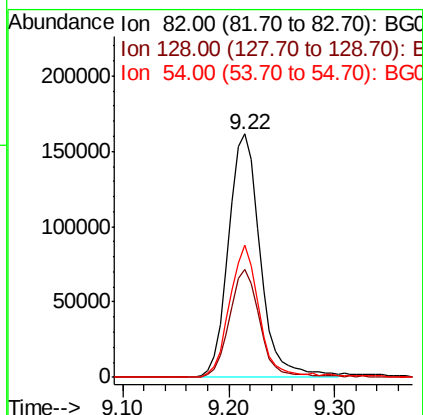
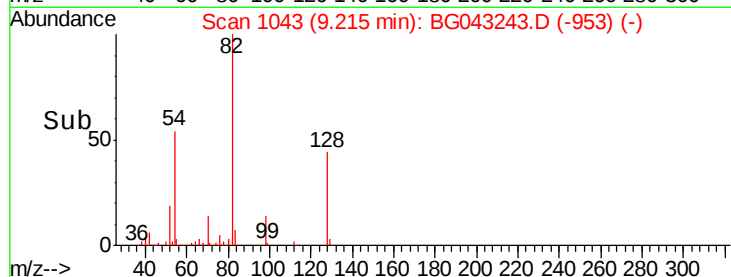
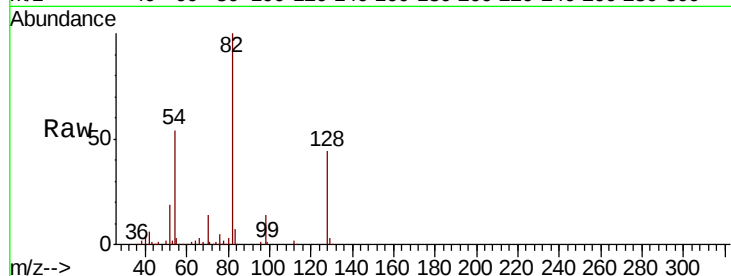
Tot Ion: 82 Resp: 336031

Ion Ratio Lower Upper

82 100

128 44.2 29.5 44.3

54 54.2 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: BG043243.D

Acq: 16 Oct 2019 8:46

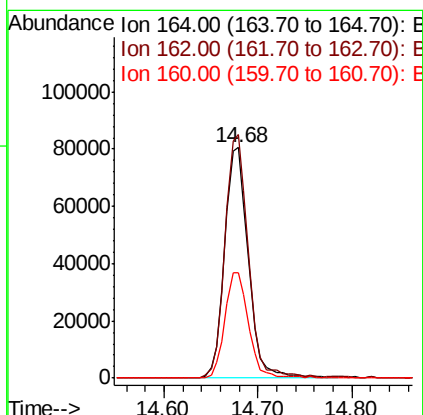
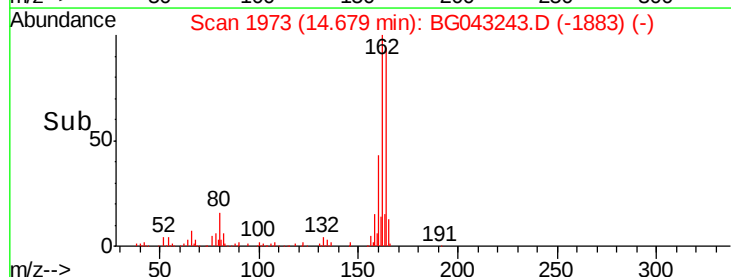
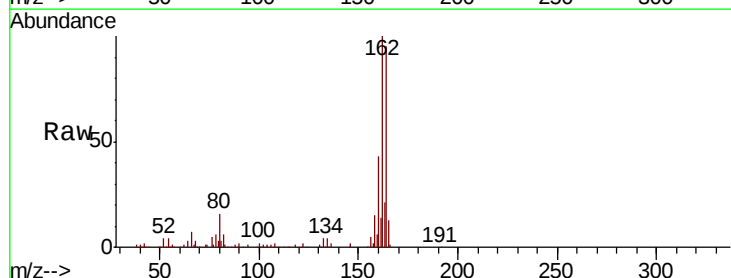
Tgt Ion: 164 Resp: 141981

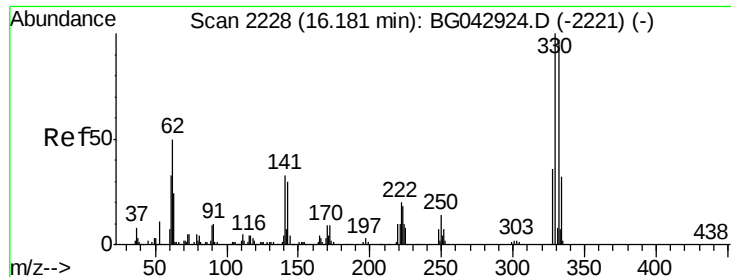
Ion Ratio Lower Upper

164 100

162 105.5 78.5 117.7

160 45.9 35.9 53.9

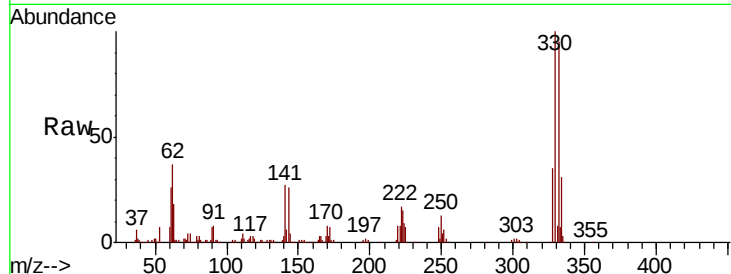




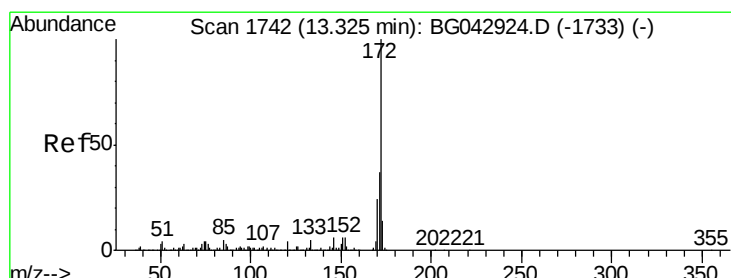
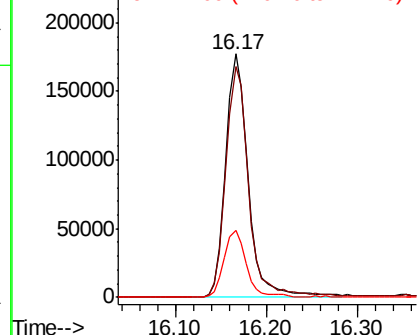
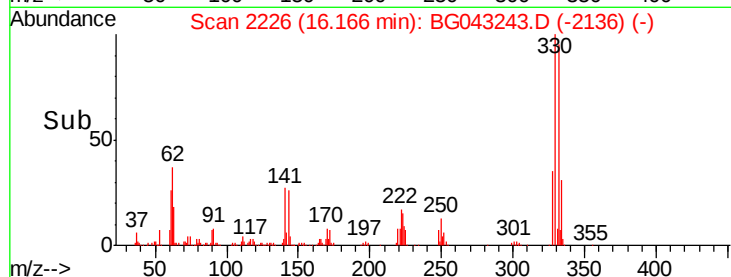
#42
 2,4,6-Tribromophenol
 Concen: 125.299 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG043243.D
 Acq: 16 Oct 2019 8:46

Instrument :
 BNA_G
 ClientSampleId :
 COMP-33

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.2
141	27.4	26.0	39.0

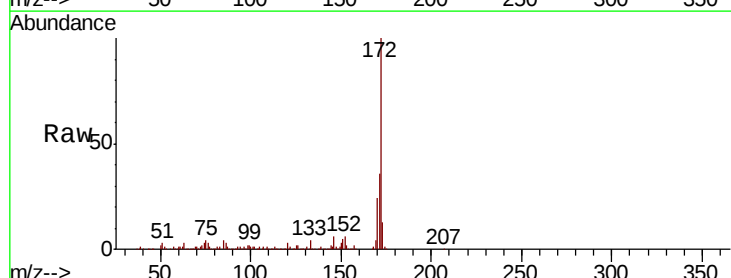


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

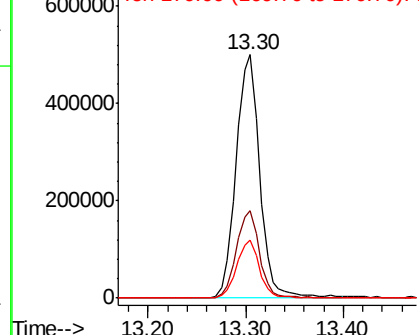
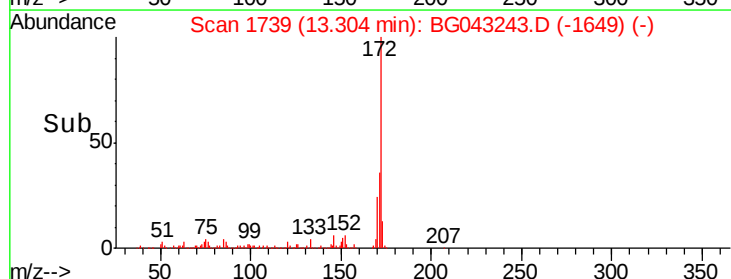


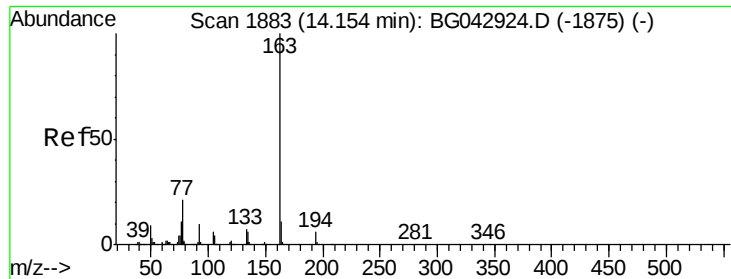
#45
 2-Fluorobiphenyl
 Concen: 86.582 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG043243.D
 Acq: 16 Oct 2019 8:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	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





#50

Dimethylphthalate

Concen: 5.482 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG043243.D

Acq: 16 Oct 2019 8:46

Instrument :

BNA_G

ClientSampleId :

COMP-33

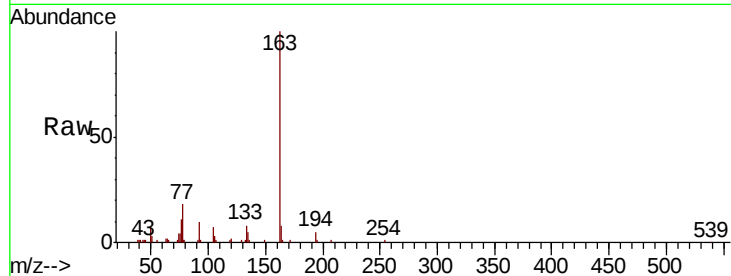
Tot Ion:163 Resp: 58313

Ion Ratio Lower Upper

163 100

194 5.0 4.4 6.6

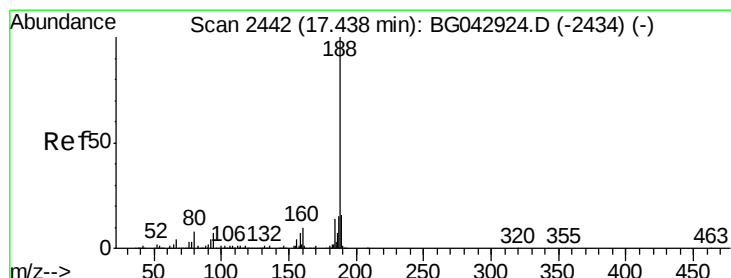
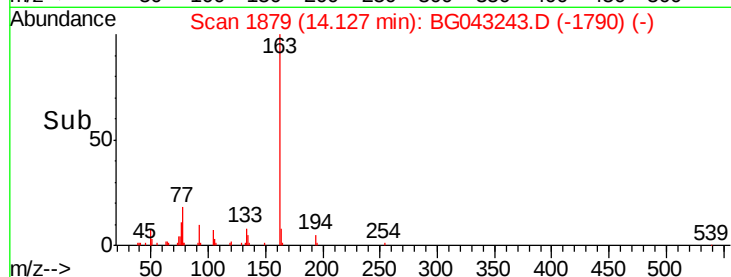
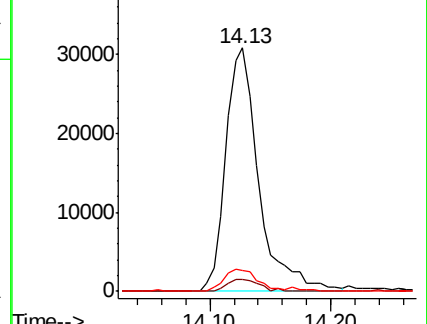
164 8.4 8.6 12.8#



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: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG043243.D

Acq: 16 Oct 2019 8:46

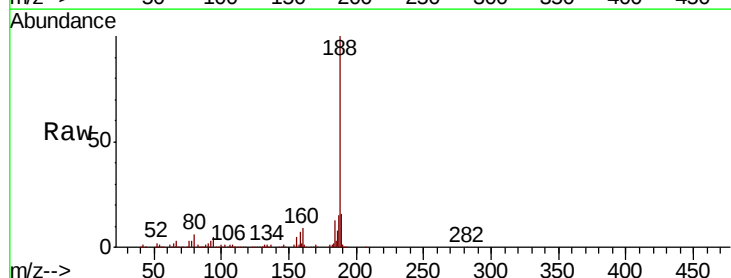
Tgt Ion:188 Resp: 317177

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

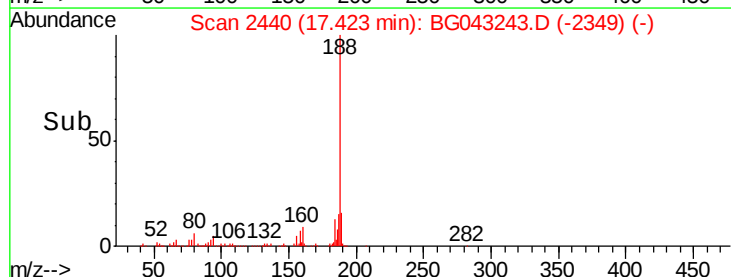
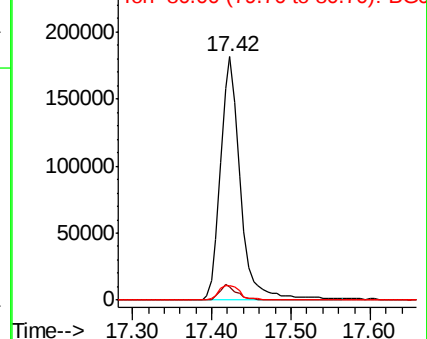
80 6.1 6.5 9.7#

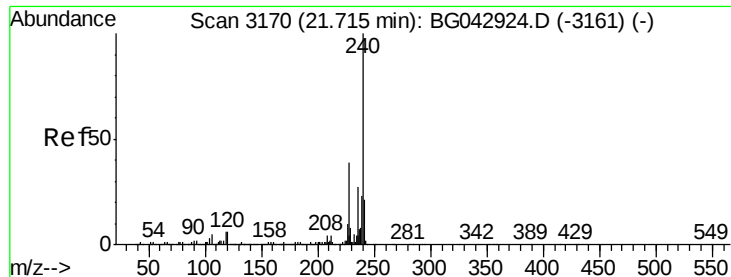


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

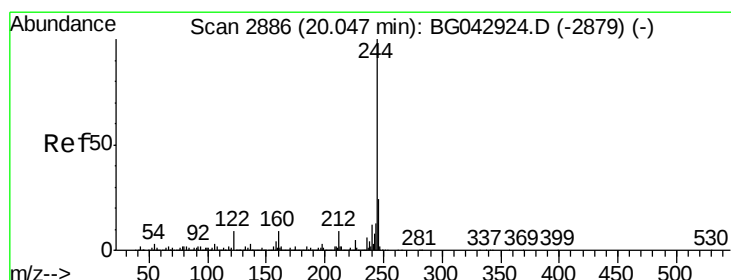
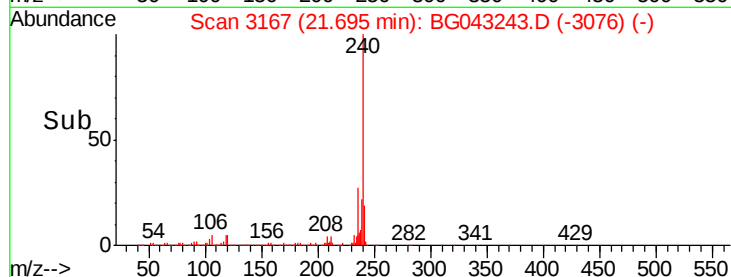
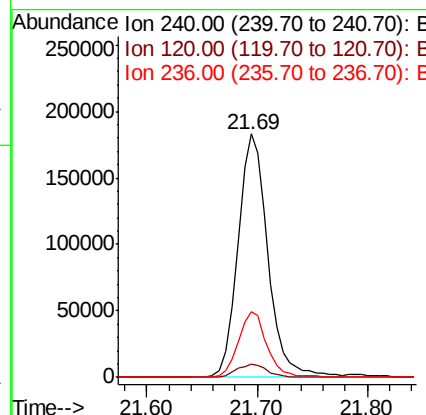
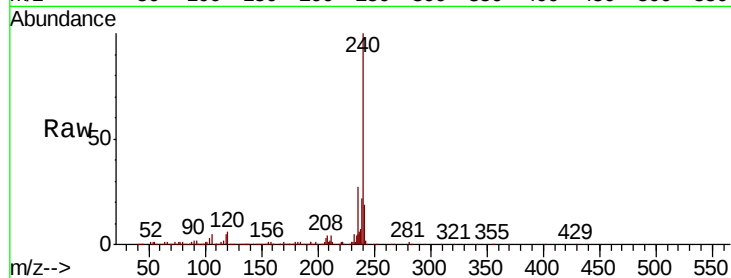




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG043243.D
 Acq: 16 Oct 2019 8:46

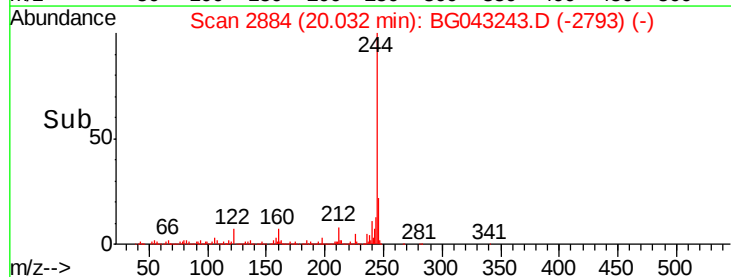
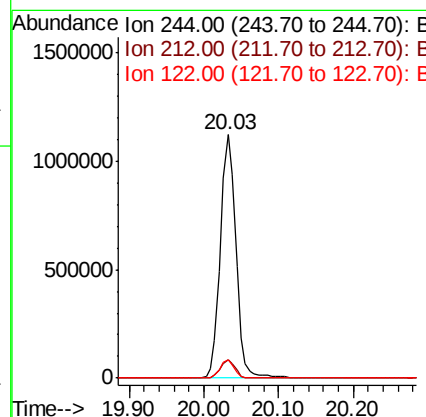
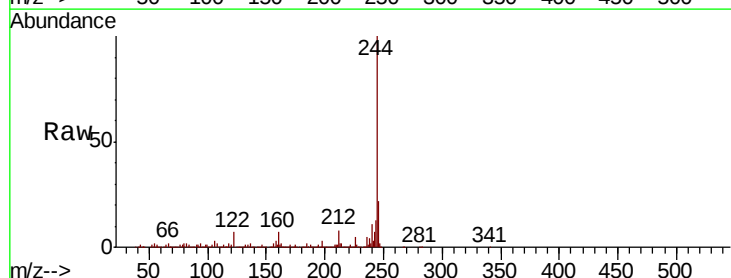
Instrument :
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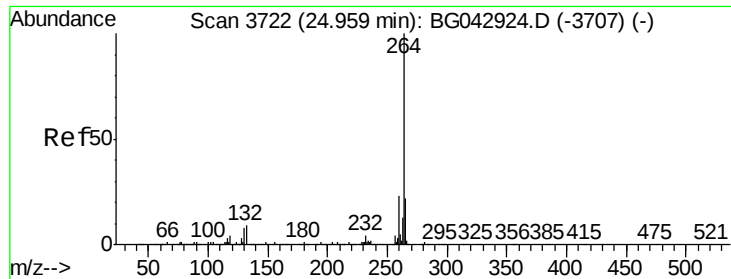
Tot Ion:240 Resp: 347648
 Ion Ratio Lower Upper
 240 100
 120 5.6 4.8 7.2
 236 27.1 21.4 32.0



#79
 Terphenyl-d14
 Concen: 99.574 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG043243.D
 Acq: 16 Oct 2019 8:46

Tgt Ion:244 Resp: 1624533
 Ion Ratio Lower Upper
 244 100
 212 7.6 7.4 11.0
 122 7.4 7.0 10.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. 0.01 min
 Lab File: BG043243.D
 Acq: 16 Oct 2019 8:46

Instrument :
 BNA_G
 ClientSampleId :
 COMP-33

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.7	28.1
265	21.3	17.7	26.5

