

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044858.D
 Acq On : 18 Mar 2020 9:40
 Operator : CG/JU
 Sample : PB127536TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127536TB

Quant Time: Mar 18 13:00:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83115	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	336552	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	231696	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	531200	20.00	ng	0.00
76) Chrysene-d12	21.69	240	484297	20.00	ng	-0.01
87) Perylene-d12	24.89	264	534329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	547392	102.52	ng	0.00
7) Phenol-d6	7.20	99	767268	98.91	ng	0.00
23) Nitrobenzene-d5	9.20	82	497519	64.87	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	333774	110.02	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1090399	67.39	ng	0.00
79) Terphenyl-d14	20.03	244	1791454	69.19	ng	0.00

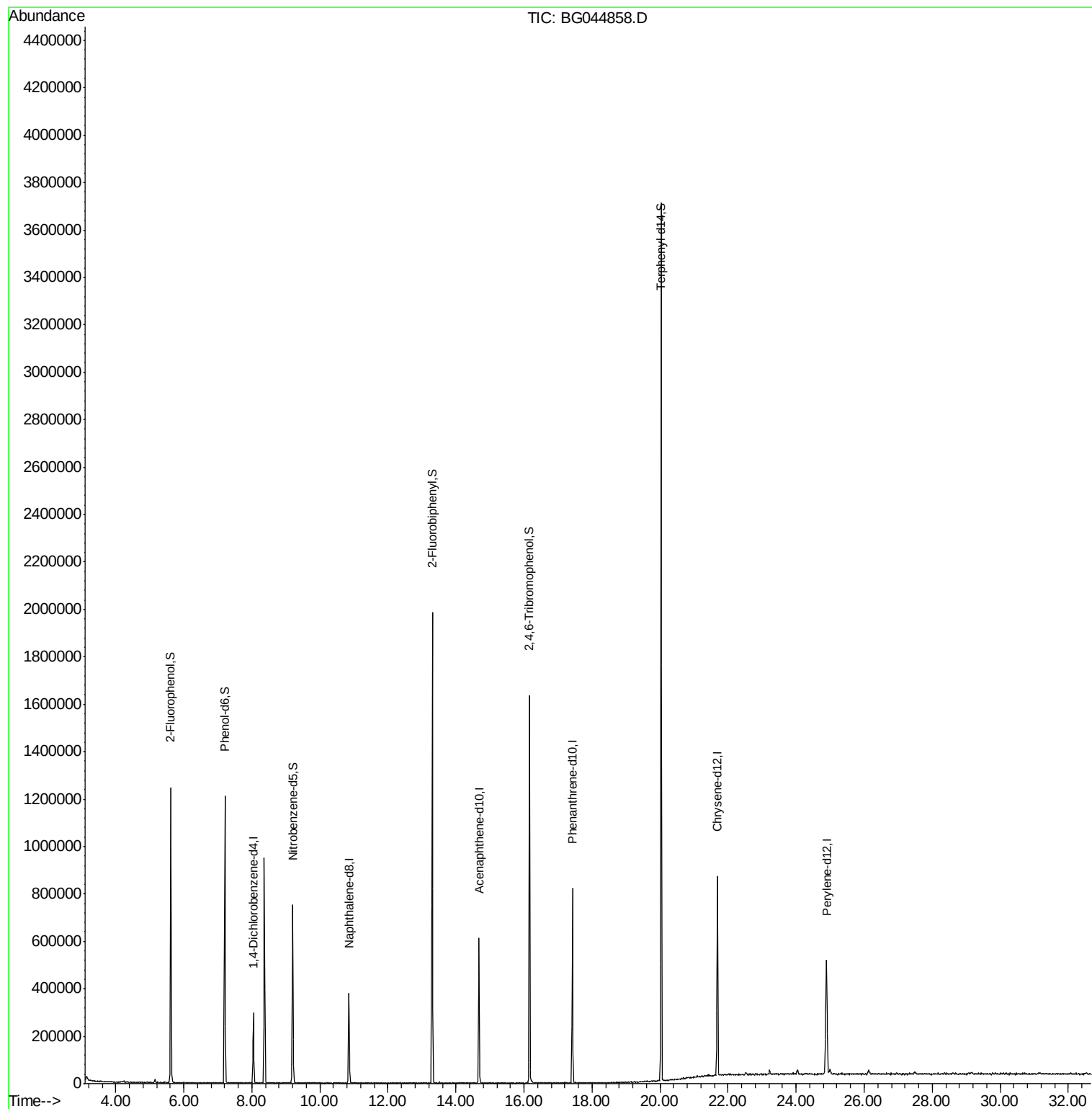
Target Compounds Qvalue

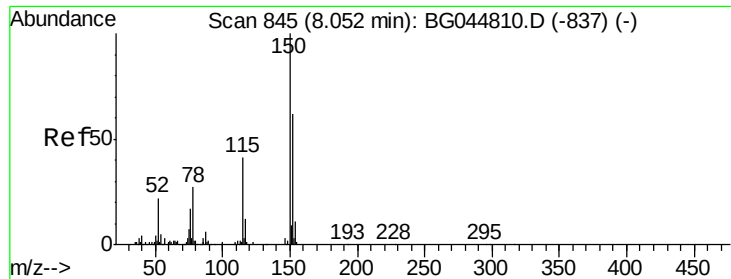
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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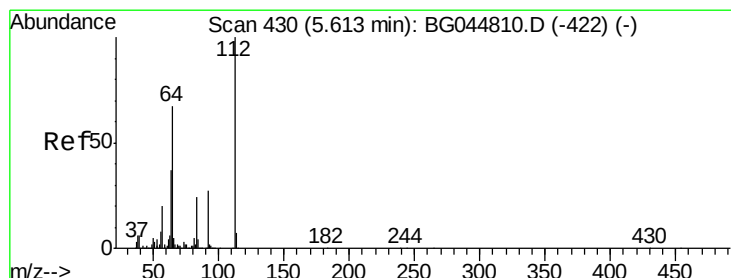
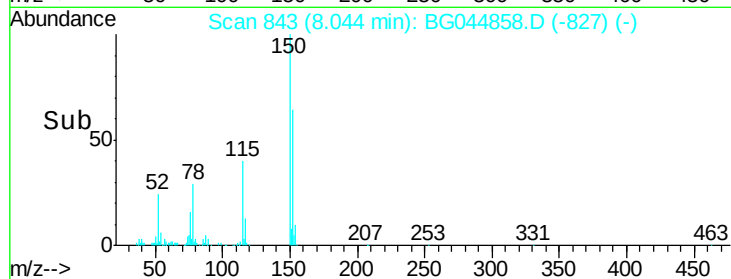
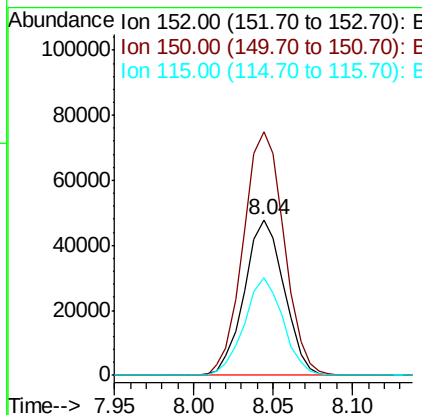
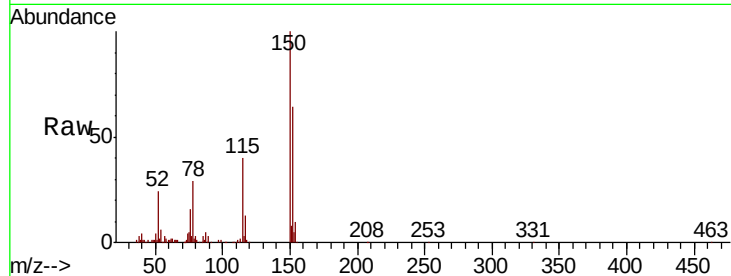


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG044858.D
 Acq: 18 Mar 2020 9:40

Instrument :
 BNA_G
 ClientSampleId :
 PB127536TB

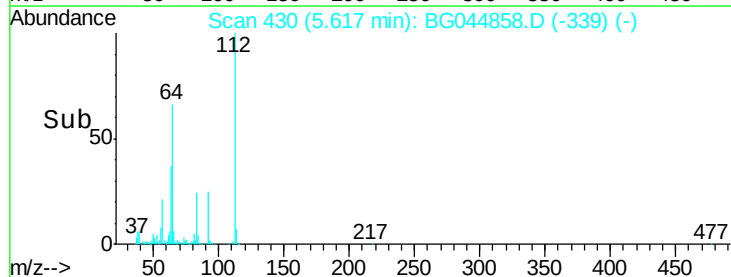
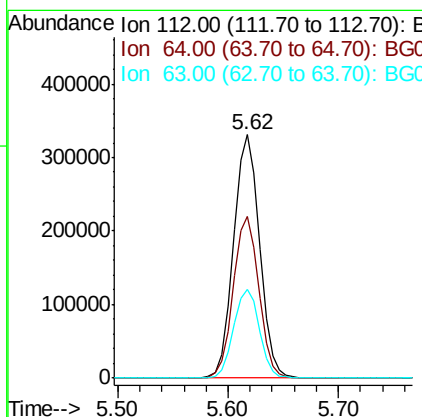
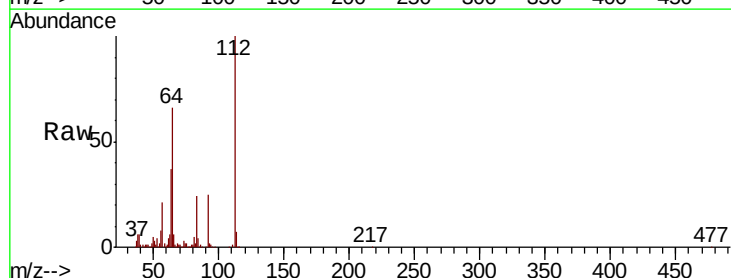
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	128.8	193.2
115	62.6	52.6	79.0

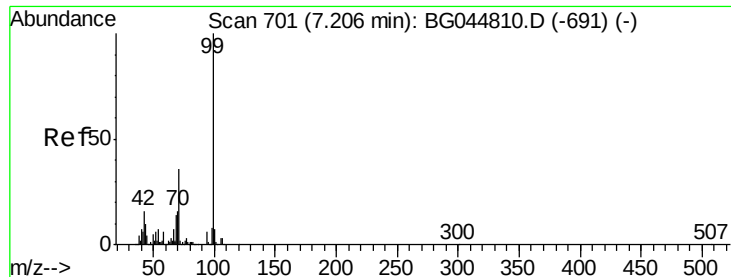


#5

2-Fluorophenol
 Concen: 102.523 ng
 RT: 5.62 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BG044858.D
 Acq: 18 Mar 2020 9:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.4	80.2
63	36.6	29.4	44.2





#7

Phenol-d6

Concen: 98.907 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044858.D

Acq: 18 Mar 2020 9:40

Instrument :

BNA_G

ClientSampleId :

PB127536TB

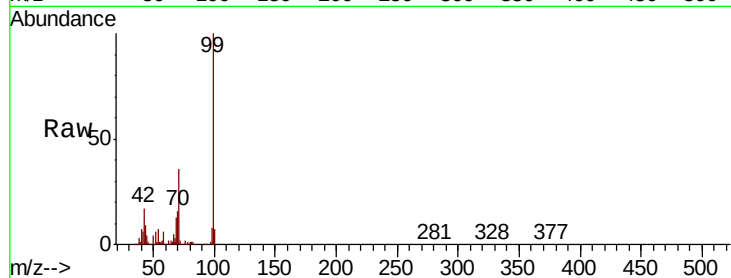
Tot Ion: 99 Resp: 767268

Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.6	19.0
71	36.1	29.0	43.4

99 100

42 16.8 12.6 19.0

71 36.1 29.0 43.4

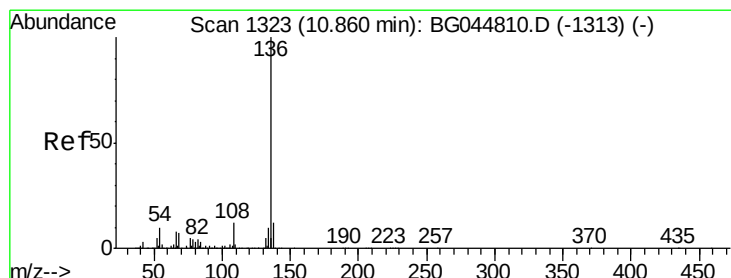
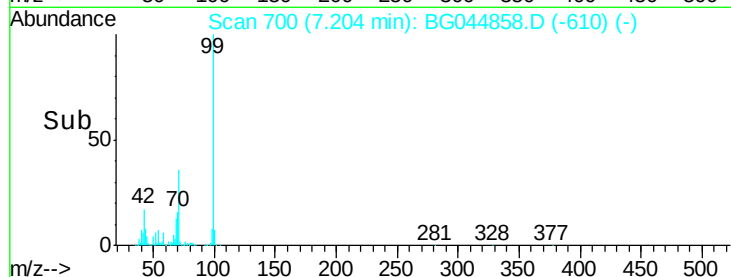
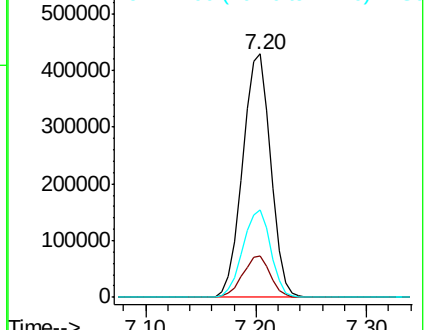


Abundance

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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044858.D

Acq: 18 Mar 2020 9:40

Tgt Ion: 136 Resp: 336552

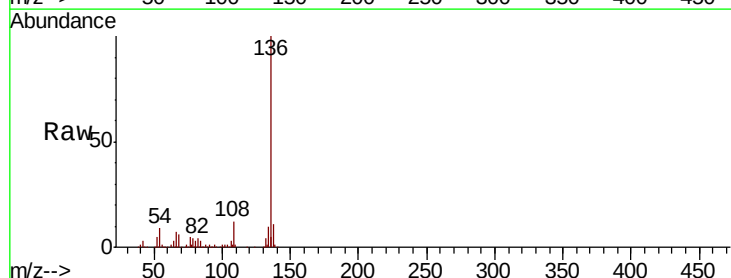
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	8.9	7.9	11.9
68	6.3	5.4	8.0

136 100

137 11.5 9.8 14.6

54 8.9 7.9 11.9

68 6.3 5.4 8.0



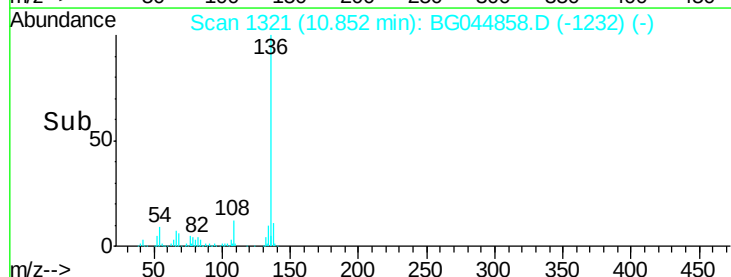
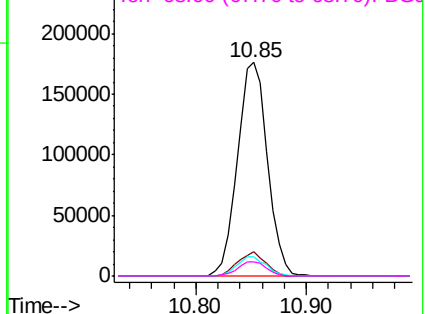
Abundance

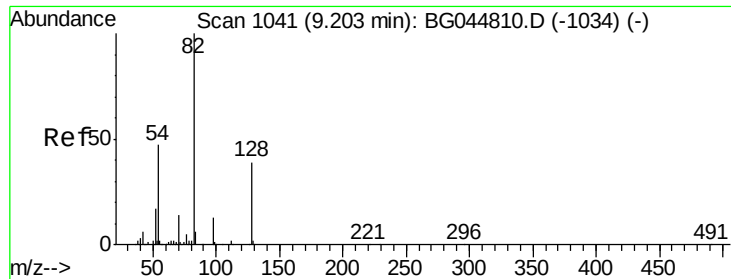
Ion 136.00 (135.70 to 136.70): BGC

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

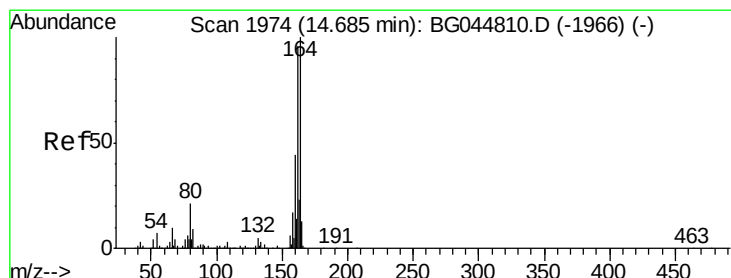
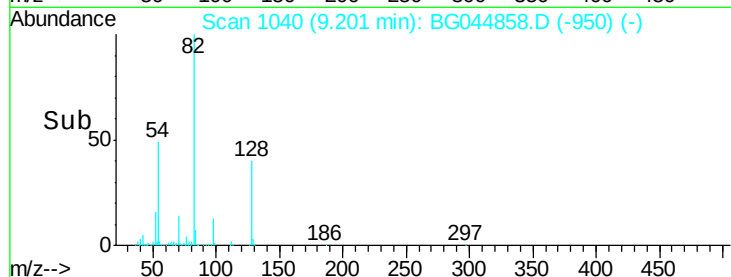
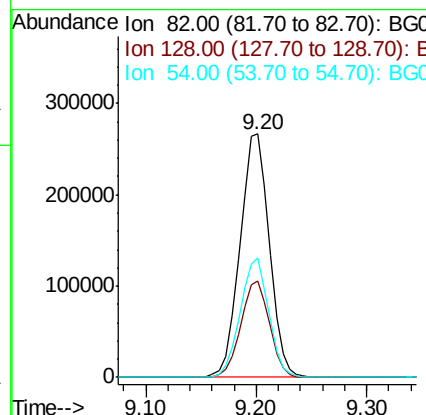
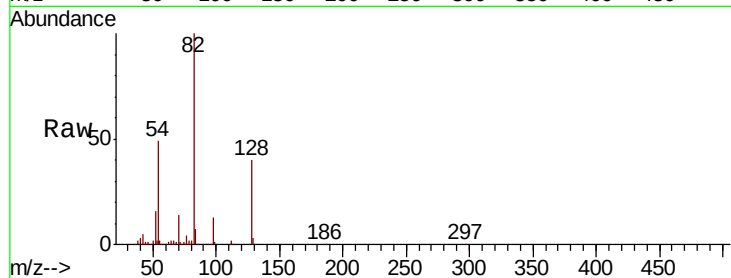




#23
 Nitrobenzene-d5
 Concen: 64.869 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044858.D
 Acq: 18 Mar 2020 9:40

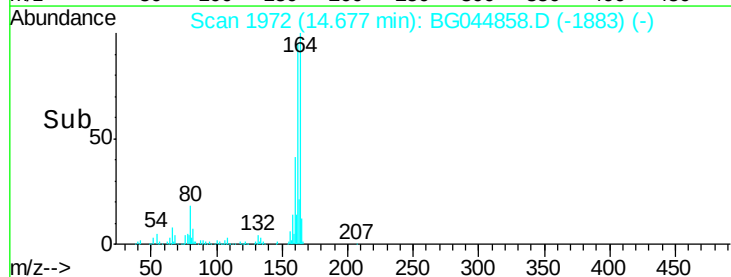
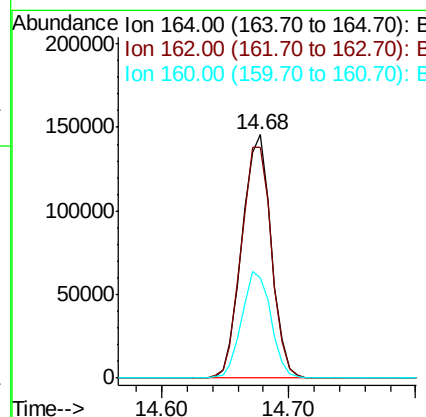
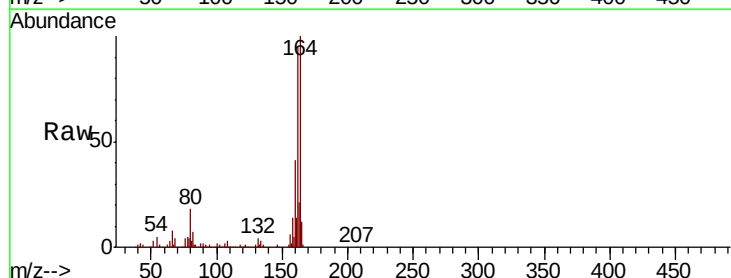
Instrument :
 BNA_G
 ClientSampleId :
 PB127536TB

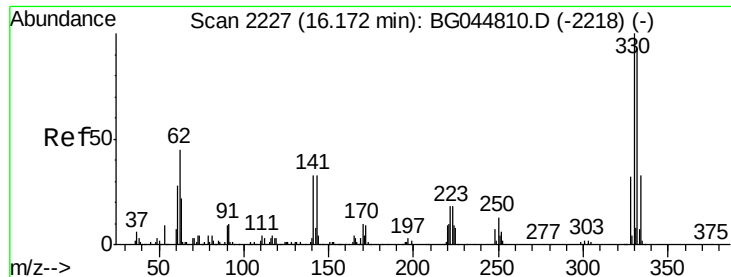
Tot Ion	82	Resp	497519
Ion Ratio	Lower	Upper	
82	100		
128	39.9	30.6	46.0
54	49.3	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044858.D
 Acq: 18 Mar 2020 9:40

Tgt Ion	164	Resp	231696
Ion Ratio	Lower	Upper	
164	100		
162	94.7	76.7	115.1
160	41.0	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 110.022 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044858.D

Acq: 18 Mar 2020 9:40

Instrument :

BNA_G

ClientSampleId :

PB127536TB

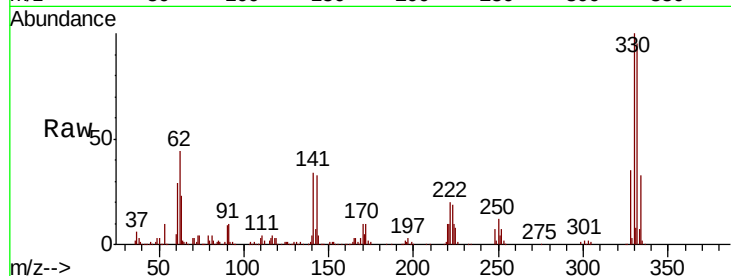
Tot Ion:330 Resp: 333774

Ion Ratio Lower Upper

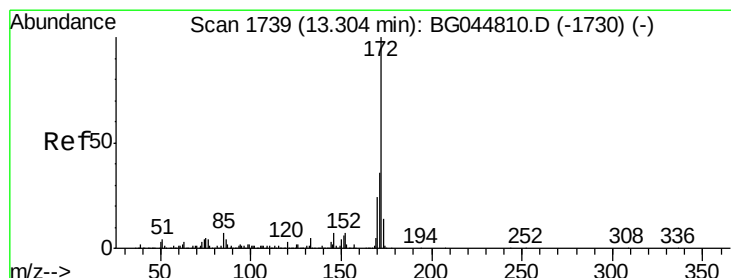
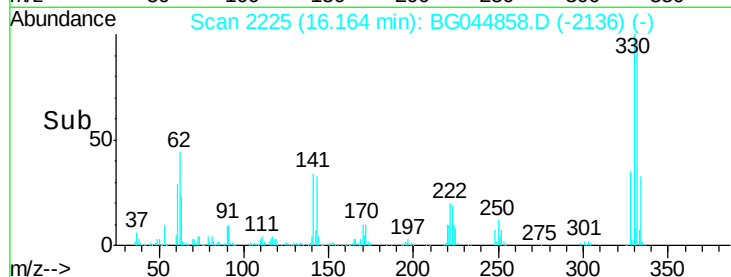
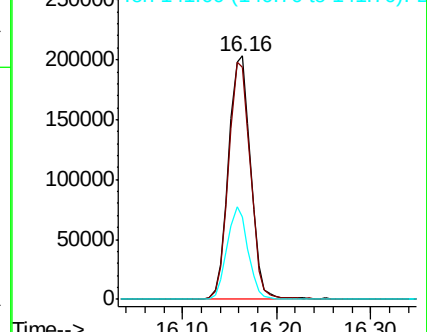
330 100

332 95.7 77.8 116.6

141 36.4 29.5 44.3



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: 67.394 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044858.D

Acq: 18 Mar 2020 9:40

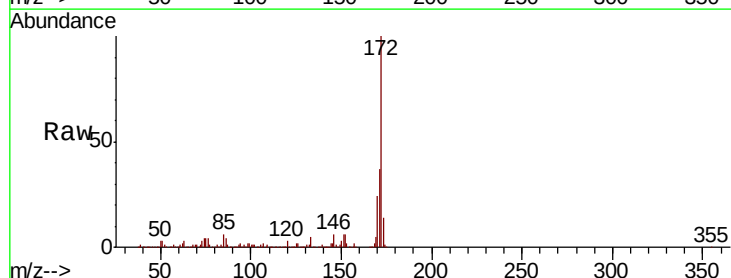
Tgt Ion:172 Resp: 1090399

Ion Ratio Lower Upper

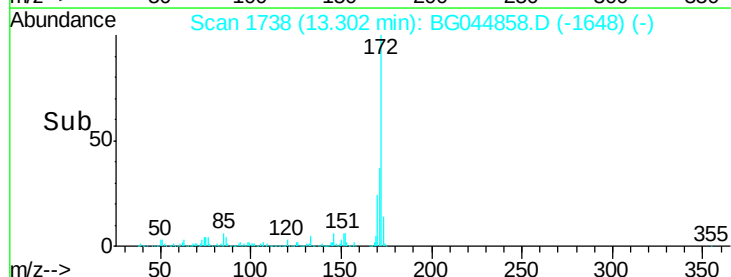
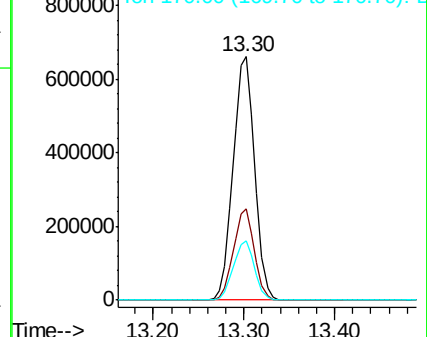
172 100

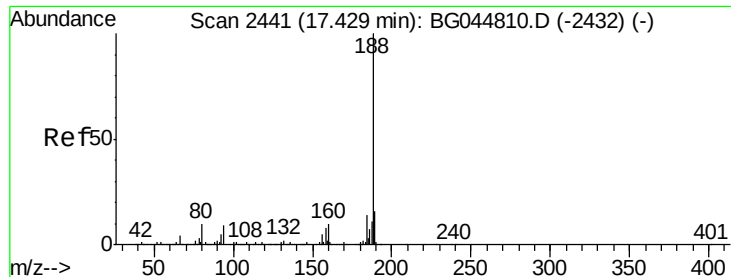
171 37.4 28.7 43.1

170 24.3 19.0 28.6



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# 2439

Delta R.T. -0.01 min

Lab File: BG044858.D

Acq: 18 Mar 2020 9:40

Instrument :

BNA_G

ClientSampleId :

PB127536TB

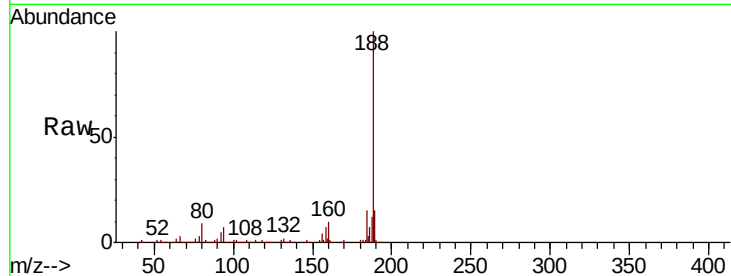
Tot Ion:188 Resp: 531200

Ion Ratio Lower Upper

188 100

94 6.9 7.3 10.9#

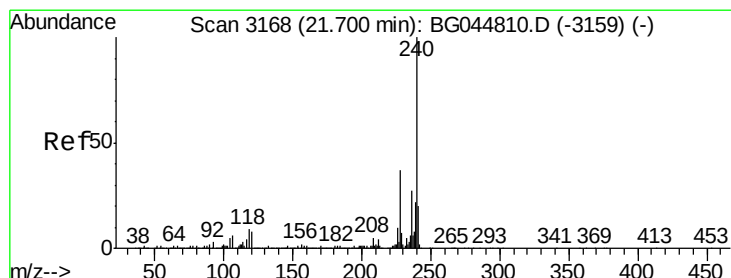
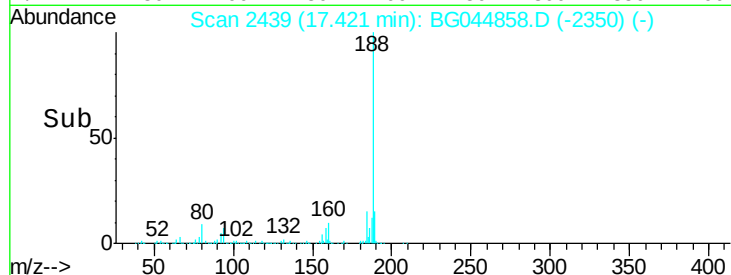
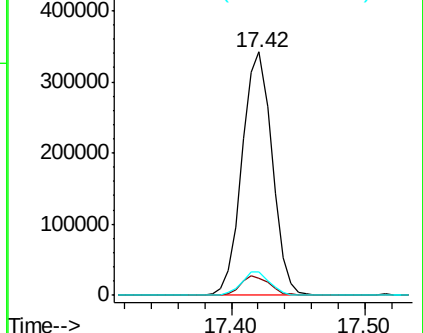
80 9.4 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGO

Ion 80.00 (79.70 to 80.70): BGO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044858.D

Acq: 18 Mar 2020 9:40

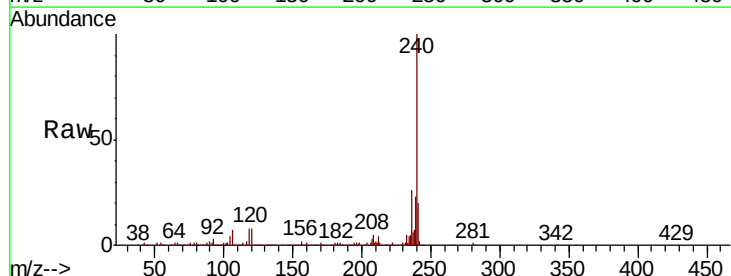
Tgt Ion:240 Resp: 484297

Ion Ratio Lower Upper

240 100

120 7.9 6.7 10.1

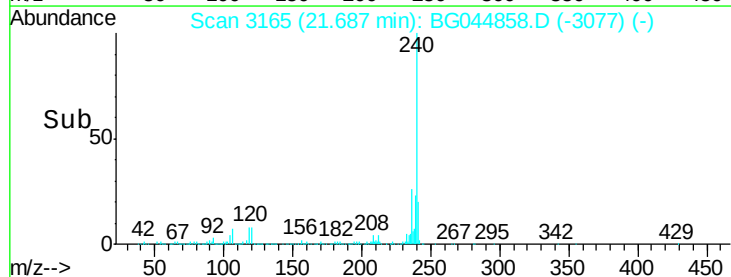
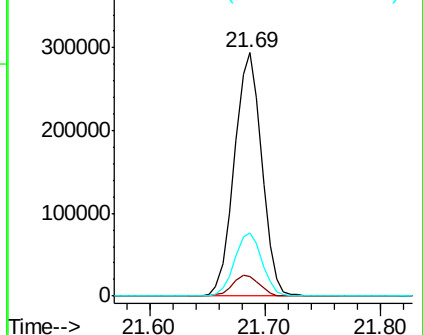
236 25.7 21.5 32.3

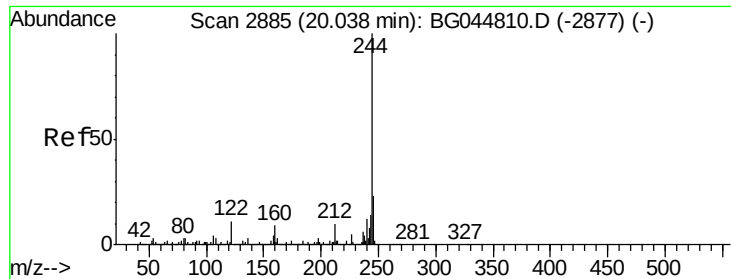


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.193 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044858.D

Acq: 18 Mar 2020 9:40

Instrument :

BNA_G

ClientSampleId :

PB127536TB

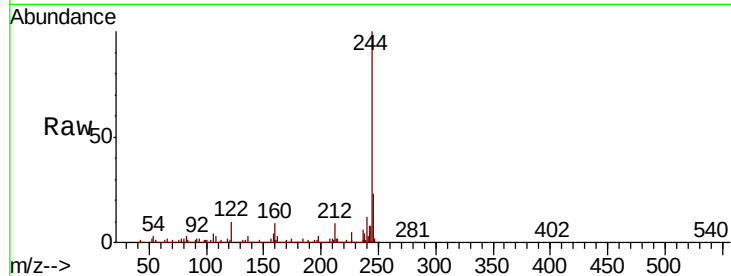
Tot Ion:244 Resp: 1791454

Ion Ratio Lower Upper

244 100

212 9.1 7.7 11.5

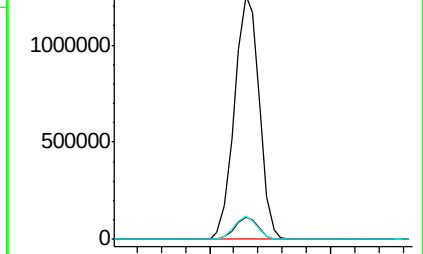
122 9.9 8.6 12.8



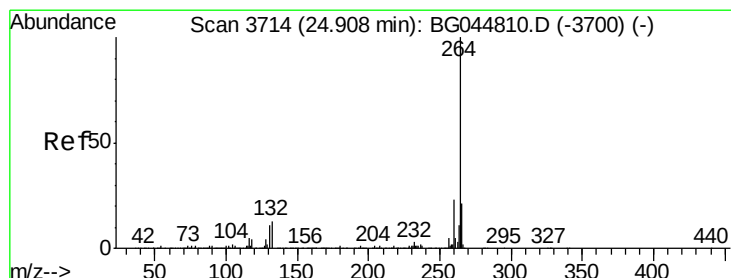
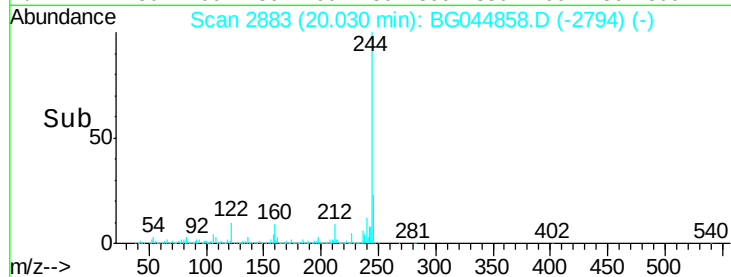
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.01 min

Lab File: BG044858.D

Acq: 18 Mar 2020 9:40

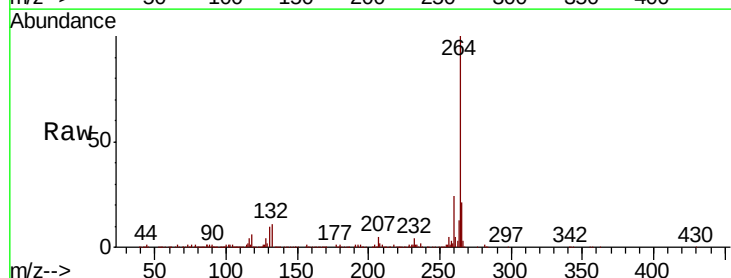
Tgt Ion:264 Resp: 534329

Ion Ratio Lower Upper

264 100

260 24.0 18.1 27.1

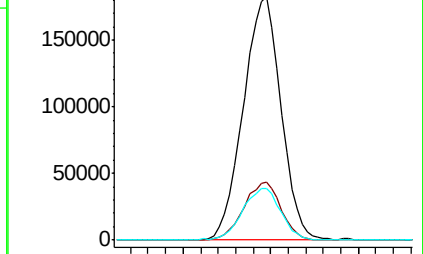
265 21.4 17.1 25.7



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



Time-->

