

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040823.D
 Acq On : 9 May 2019 19:47
 Operator : HP/JU
 Sample : PB119587BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119587BL

Quant Time: May 10 06:43:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	31616	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	137446	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	109963	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	305438	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	276779	20.00	ng	-0.03
87) Perylene-d12	25.15	264	182443	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	330139	184.07	ng	-0.01
7) Phenol-d6	7.28	99	482419	174.69	ng	-0.02
23) Nitrobenzene-d5	9.32	82	328308	110.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	251540	166.42	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	808186	106.14	ng	-0.02
79) Terphenyl-d14	20.11	244	1589863	127.26	ng	-0.02

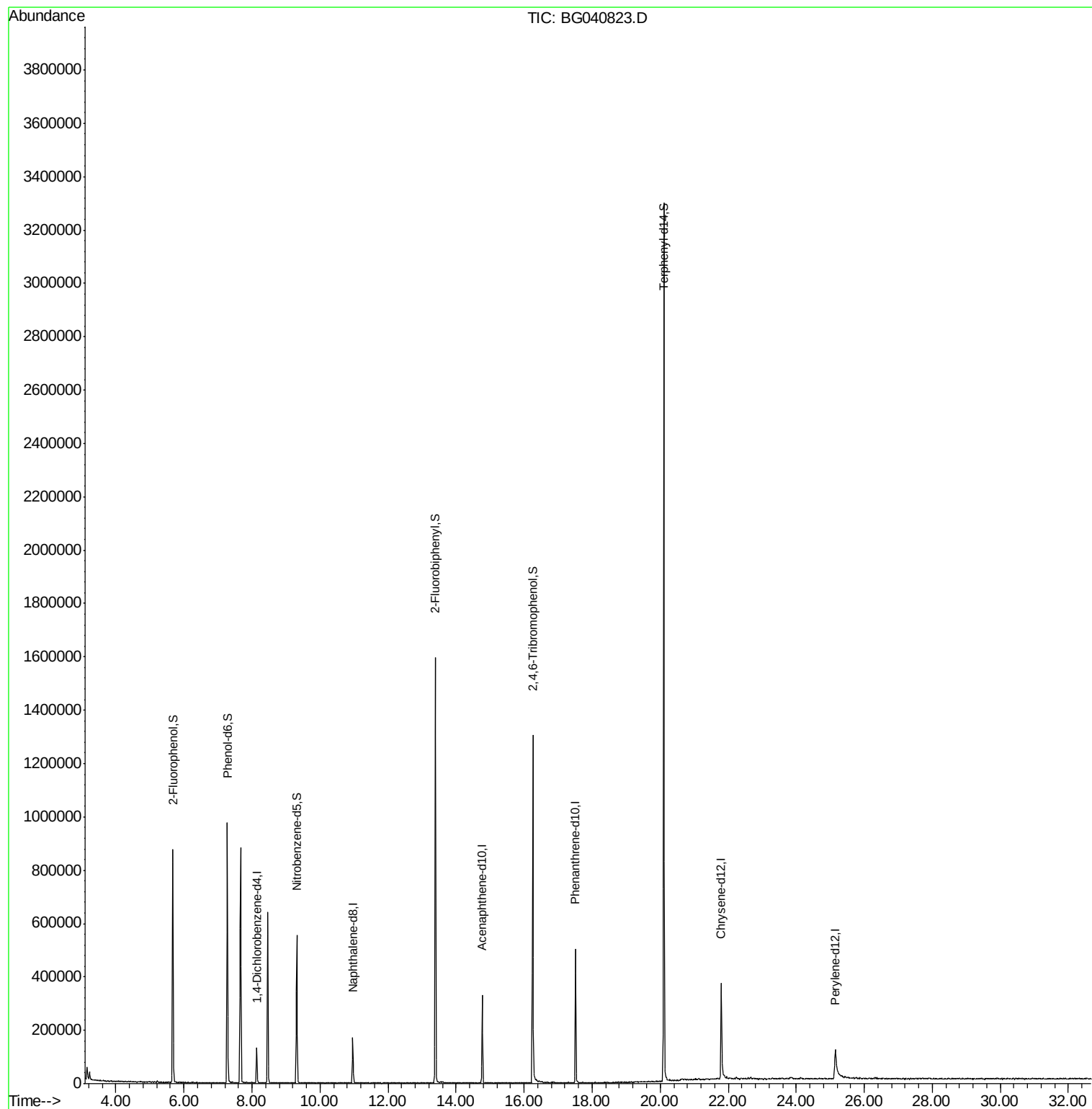
Target Compounds Qvalue

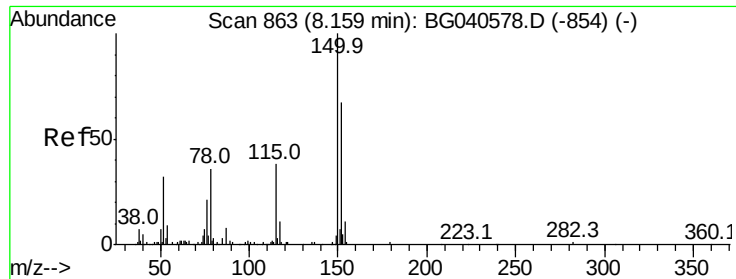
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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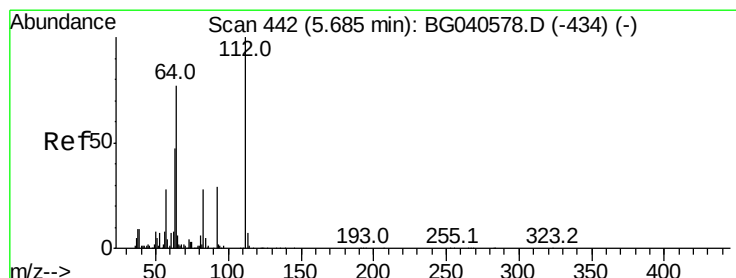
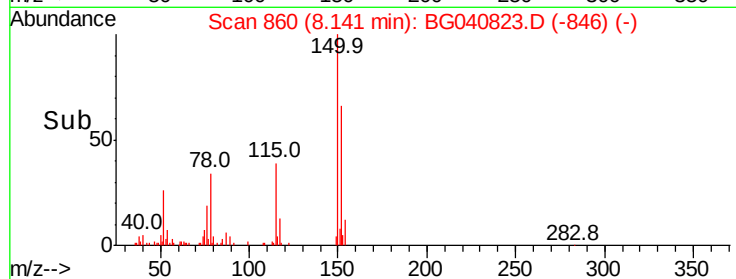
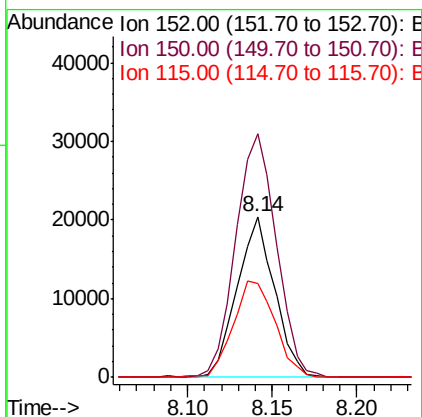
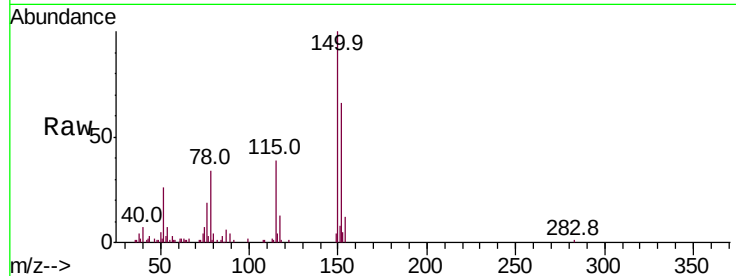


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040823.D
Acq: 9 May 2019 19:47

Instrument :
BNA_G
ClientSampleId :
PB119587BL

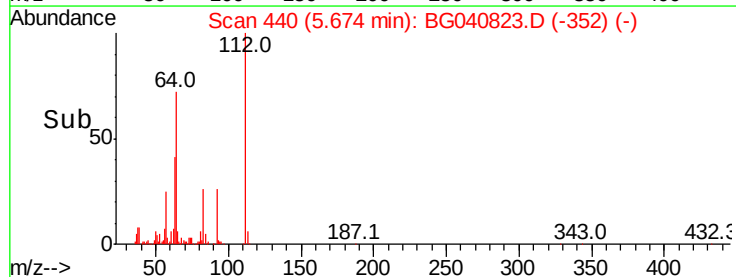
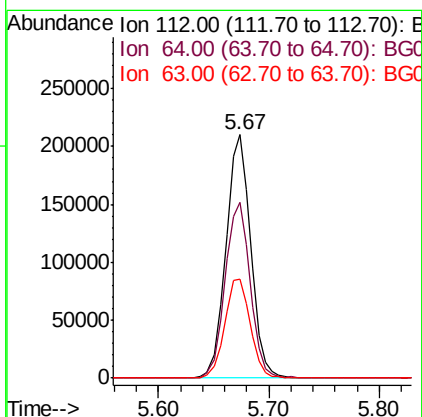
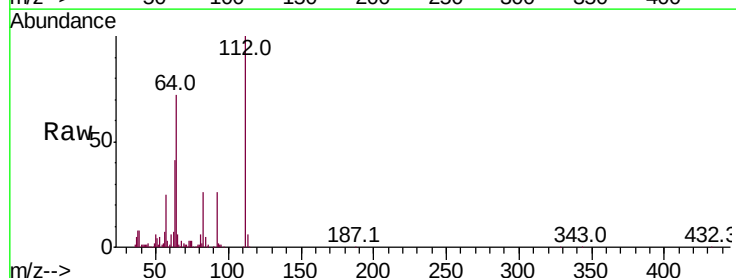
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	120.2	180.2
115	58.5	46.2	69.2

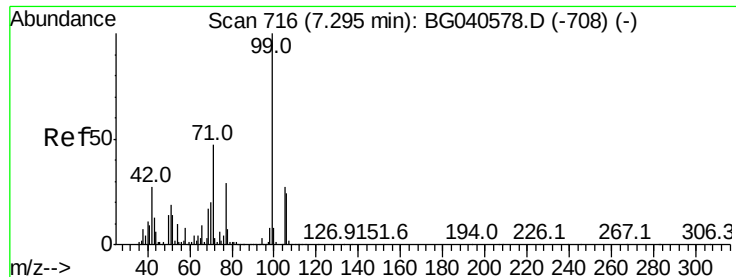


#5

2-Fluorophenol
Concen: 184.071 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040823.D
Acq: 9 May 2019 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	61.4	92.0
63	40.7	37.8	56.6





#7

Phenol-d6

Concen: 174.691 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040823.D

Acq: 9 May 2019 19:47

Instrument :

BNA_G

ClientSampleId :

PB119587BL

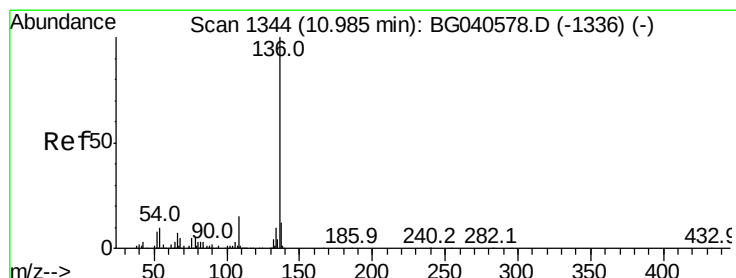
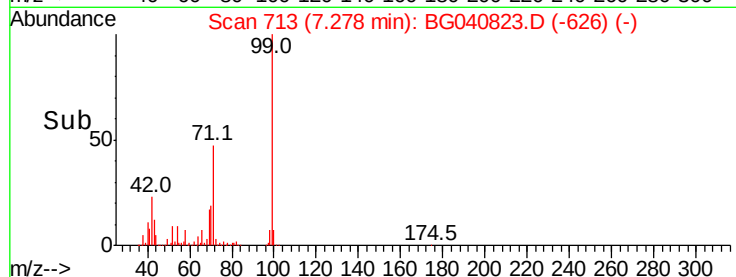
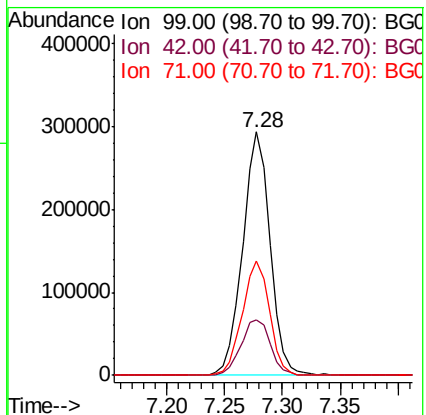
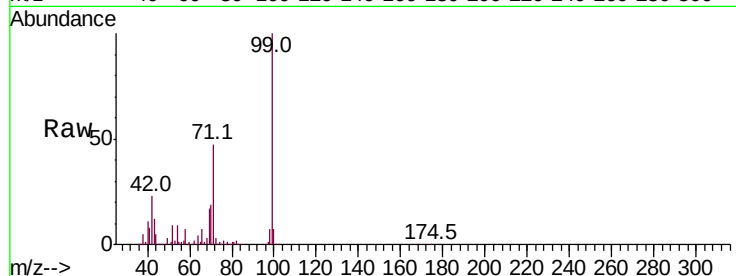
Tot Ion: 99 Resp: 482419

Ion Ratio Lower Upper

99 100

42 22.9 21.8 32.8

71 46.8 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BG040823.D

Acq: 9 May 2019 19:47

Tgt Ion: 136 Resp: 137446

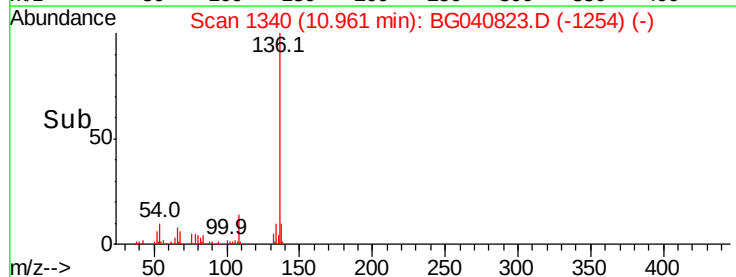
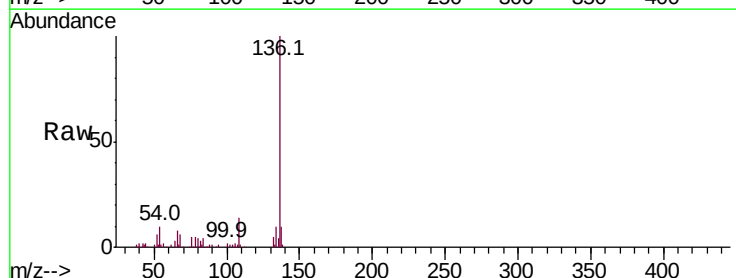
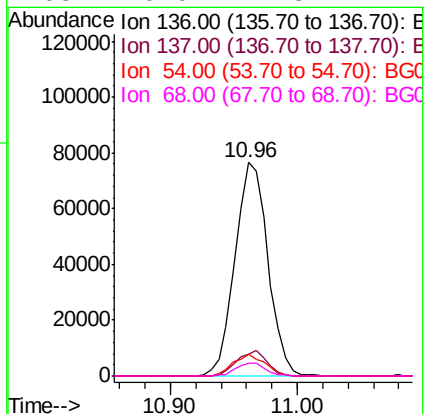
Ion Ratio Lower Upper

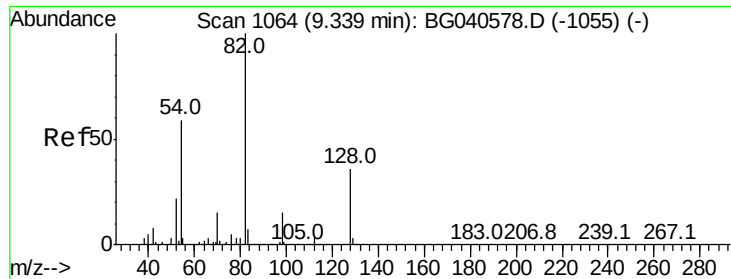
136 100

137 9.9 9.7 14.5

54 11.4 8.6 12.8

68 6.0 4.8 7.2

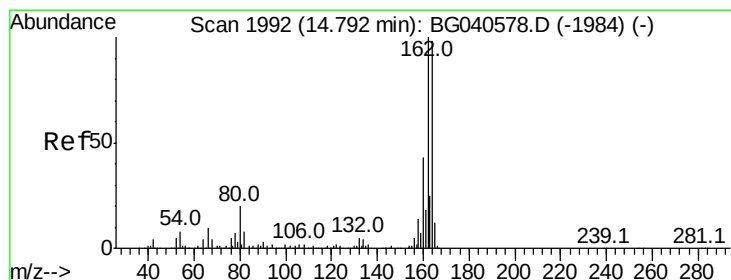
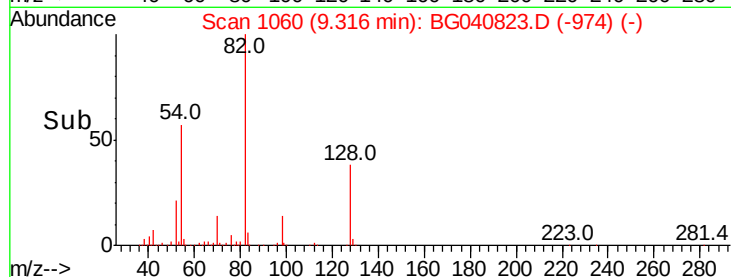
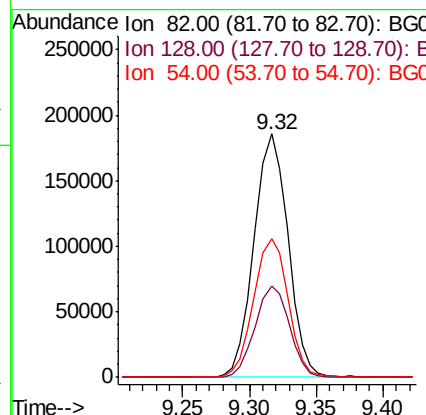
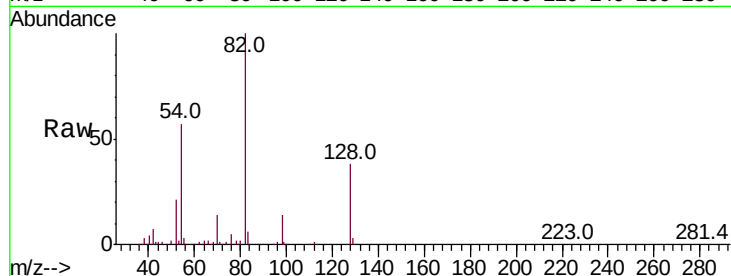




#23
Nitrobenzene-d5
Concen: 110.370 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040823.D
Acq: 9 May 2019 19:47

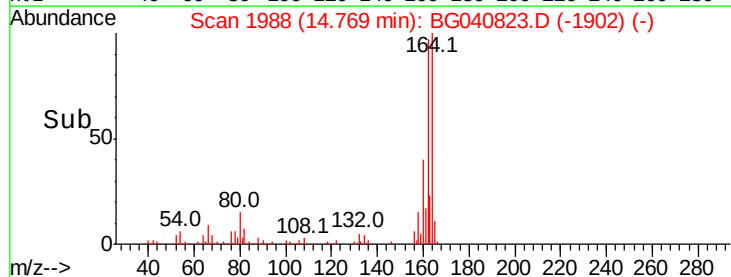
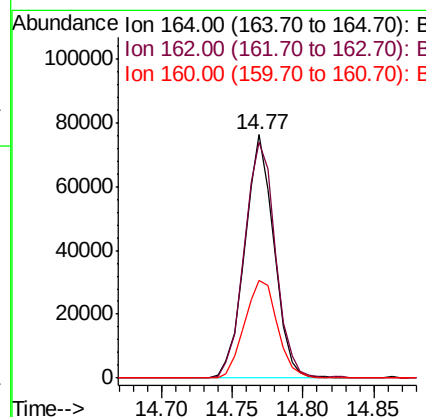
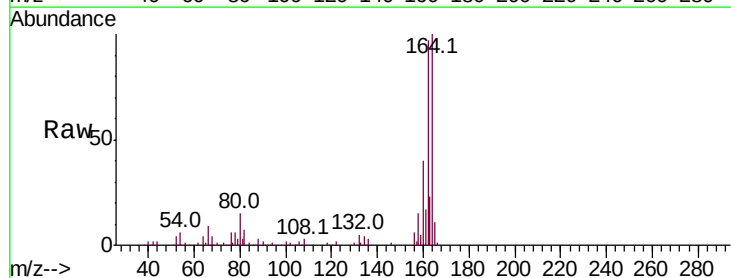
Instrument :
BNA_G
ClientSampleId :
PB119587BL

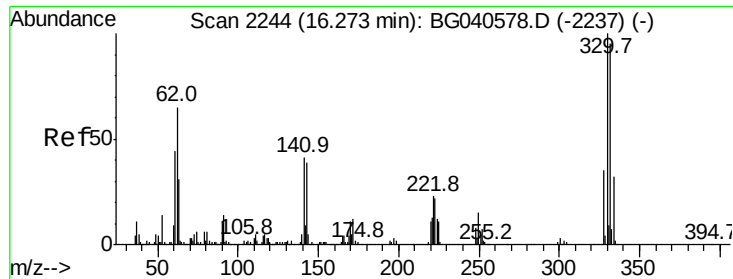
Tot Ion	82	Resp	328308
Ion Ratio	100	Lower	Upper
128	37.5	28.9	43.3
54	56.9	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040823.D
Acq: 9 May 2019 19:47

Tgt Ion	164	Resp	109963
Ion Ratio	100	Lower	Upper
162	96.7	81.9	122.9
160	40.2	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 166.421 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040823.D

Acq: 9 May 2019 19:47

Instrument :

BNA_G

ClientSampleId :

PB119587BL

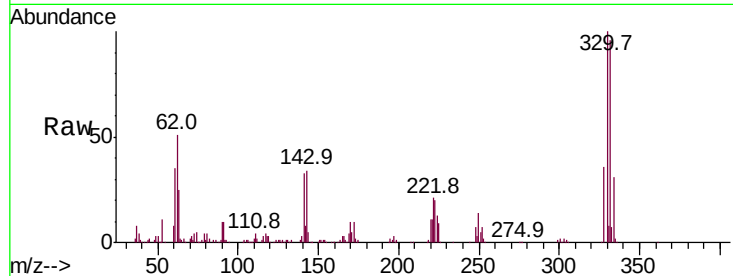
Tot Ion:330 Resp: 251540

Ion Ratio Lower Upper

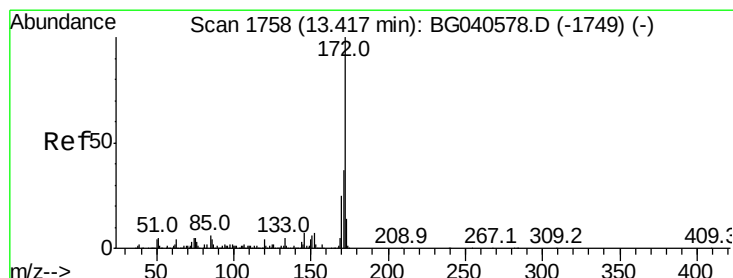
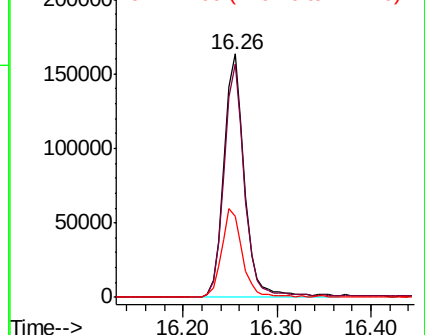
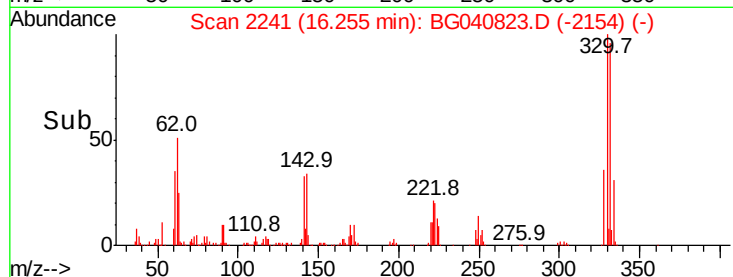
330 100

332 95.9 75.9 113.9

141 36.4 32.4 48.6



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: 106.143 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040823.D

Acq: 9 May 2019 19:47

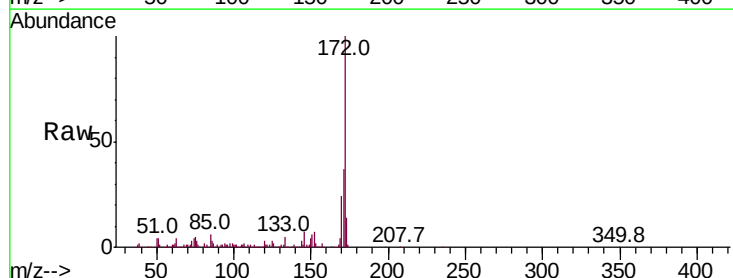
Tgt Ion:172 Resp: 808186

Ion Ratio Lower Upper

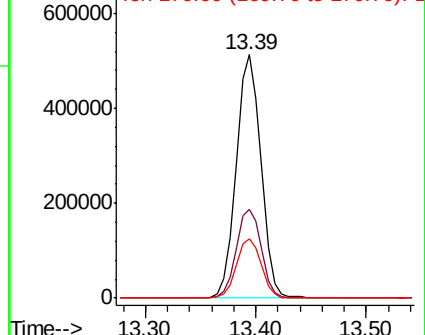
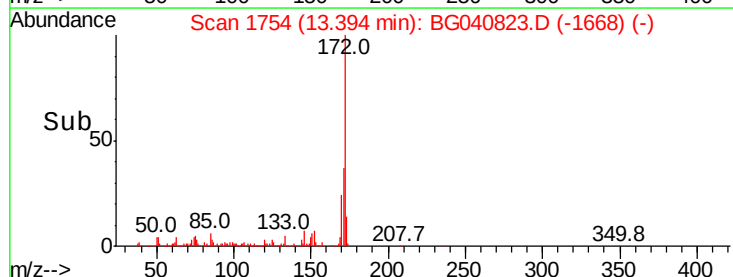
172 100

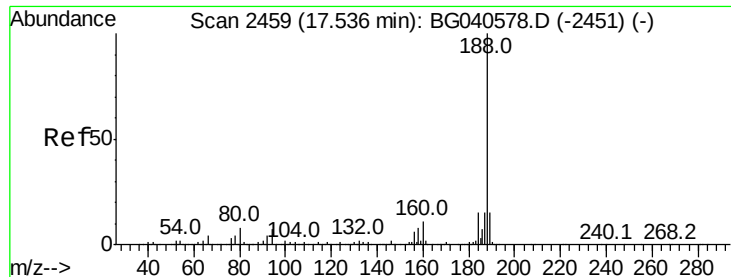
171 36.6 29.4 44.2

170 24.5 19.9 29.9



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

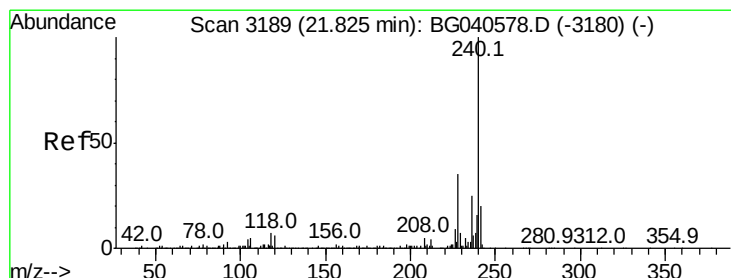
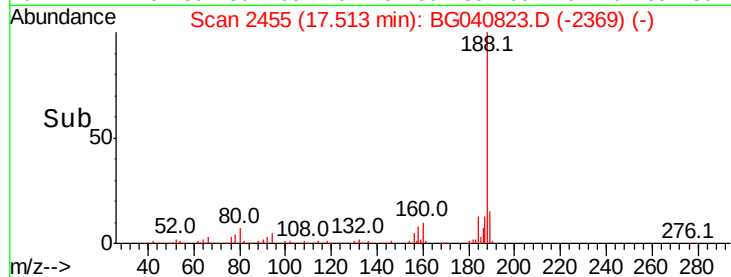
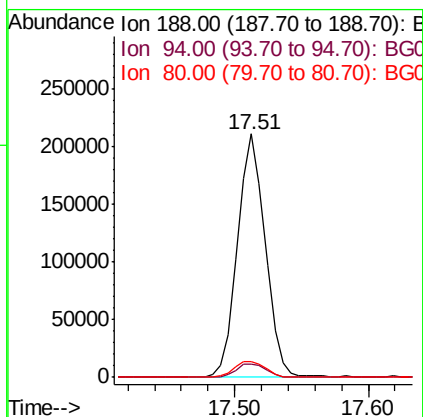
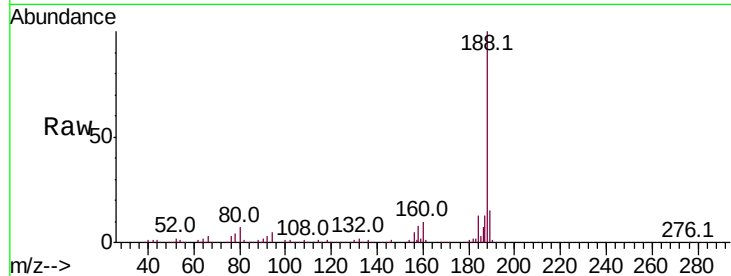




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040823.D
Acq: 9 May 2019 19:47

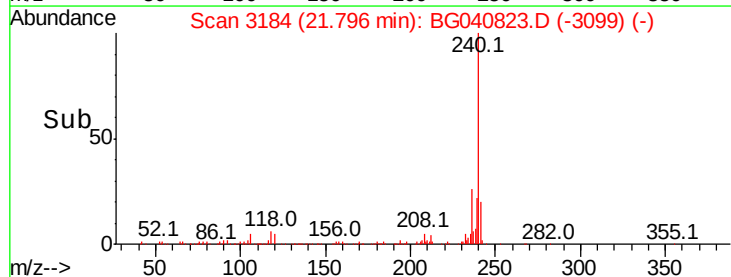
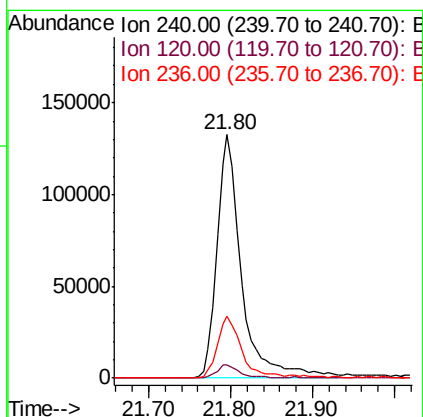
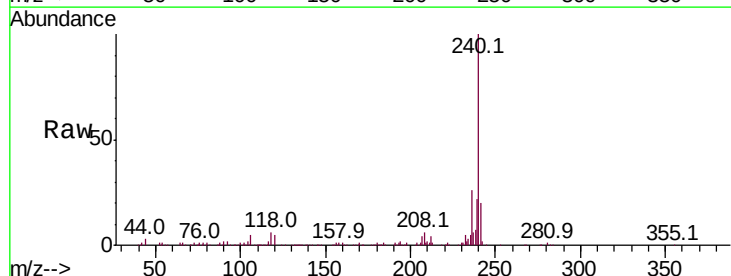
Instrument :
BNA_G
ClientSampled :
PB119587BL

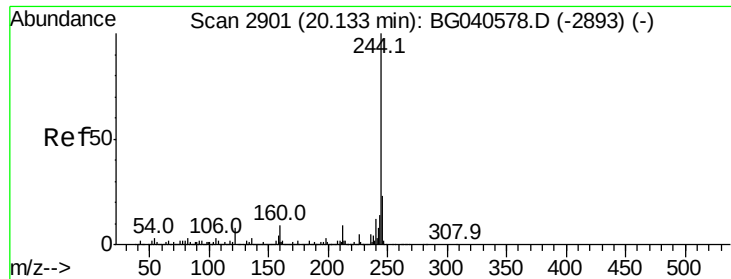
Tot Ion:188 Resp: 305438
Ion Ratio Lower Upper
188 100
94 5.2 5.6 8.4#
80 6.6 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040823.D
Acq: 9 May 2019 19:47

Tgt Ion:240 Resp: 276779
Ion Ratio Lower Upper
240 100
120 5.4 5.0 7.6
236 25.6 20.3 30.5





#79

Terphenyl-d14

Concen: 127.257 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040823.D

Acq: 9 May 2019 19:47

Instrument :

BNA_G

ClientSampleId :

PB119587BL

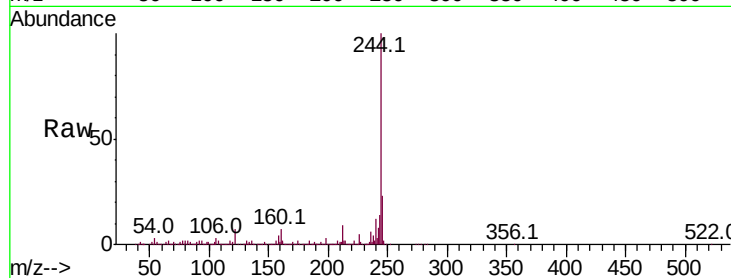
Tot Ion:244 Resp: 1589863

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

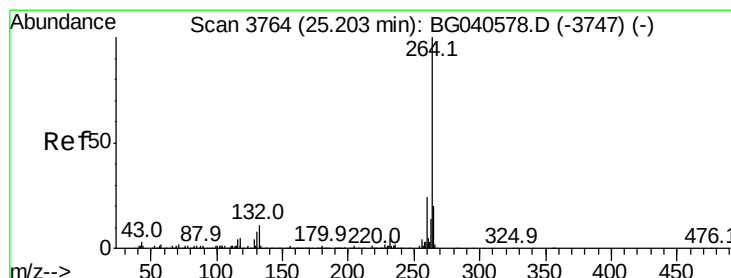
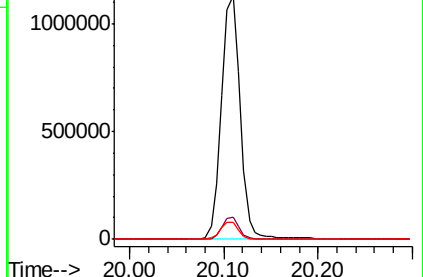
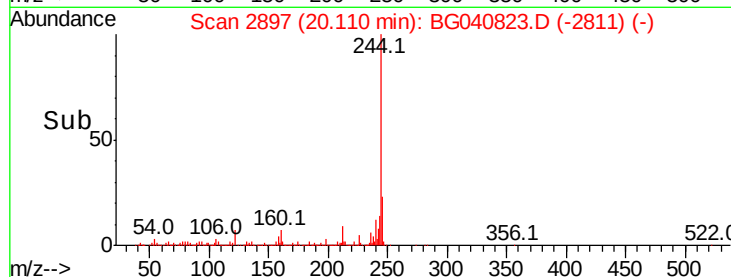
122 7.0 6.6 10.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040823.D

Acq: 9 May 2019 19:47

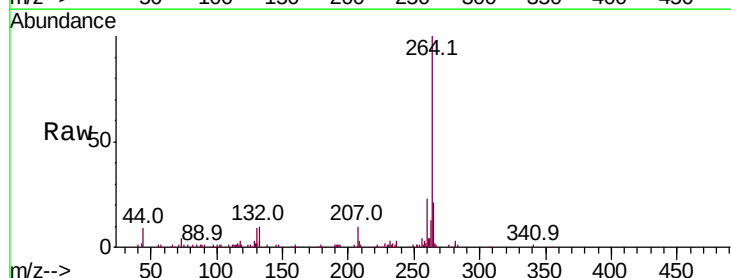
Tgt Ion:264 Resp: 182443

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.0 16.6 25.0



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

