

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040807.D
 Acq On : 9 May 2019 5:11
 Operator : HP/JU
 Sample : PB119548TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119548TB

Quant Time: May 09 07:43:30 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	44705	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	173400	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	127340	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	359448	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	347997	20.00	ng	-0.03
87) Perylene-d12	25.14	264	254990	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	353337	139.32	ng	-0.01
7) Phenol-d6	7.28	99	518762	132.85	ng	-0.02
23) Nitrobenzene-d5	9.32	82	355104	94.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	248654	142.06	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	802181	90.98	ng	-0.02
79) Terphenyl-d14	20.11	244	1637069	104.22	ng	-0.02

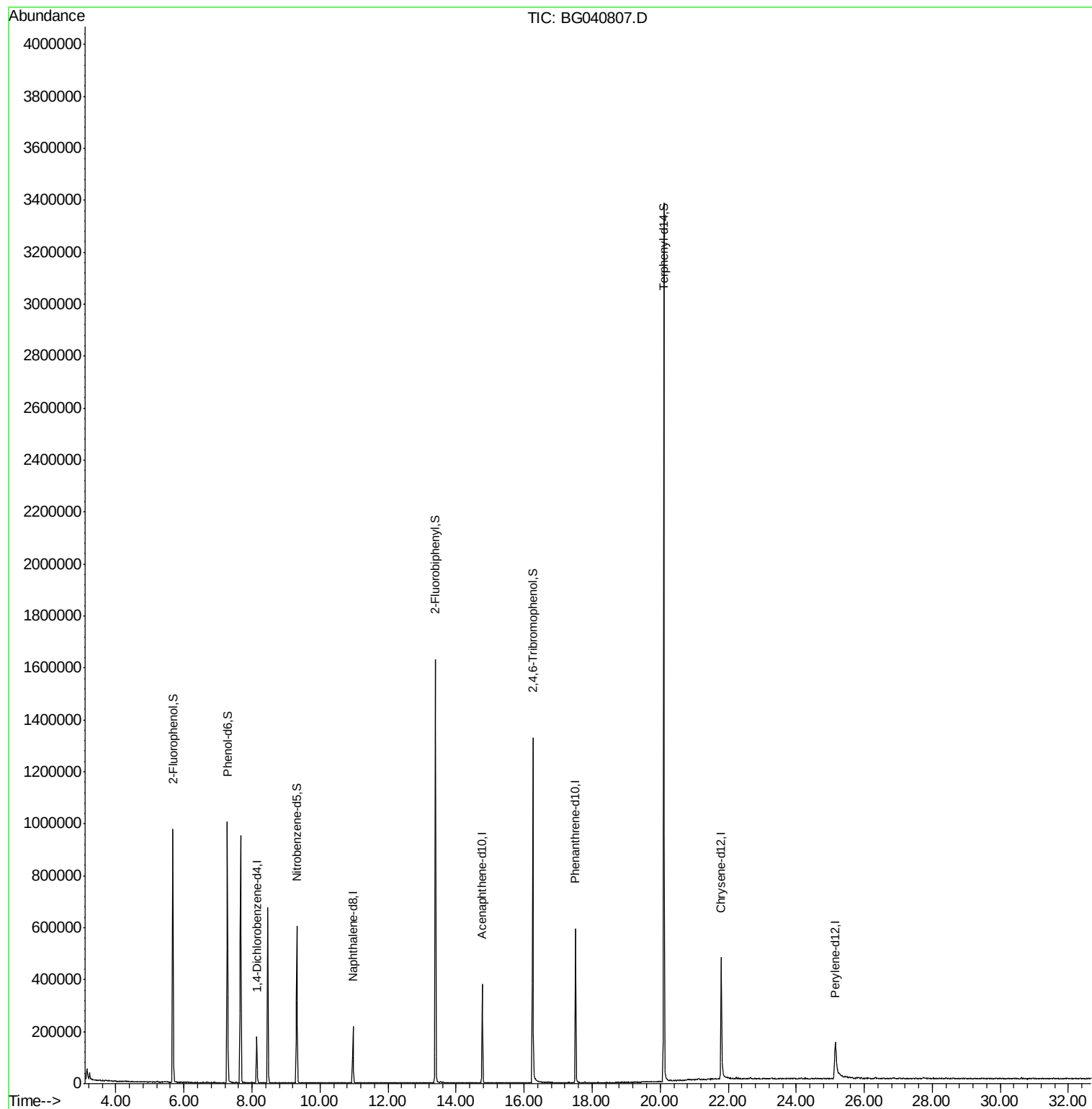
Target Compounds Qvalue

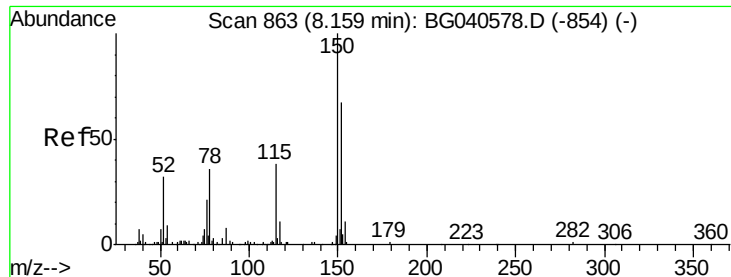
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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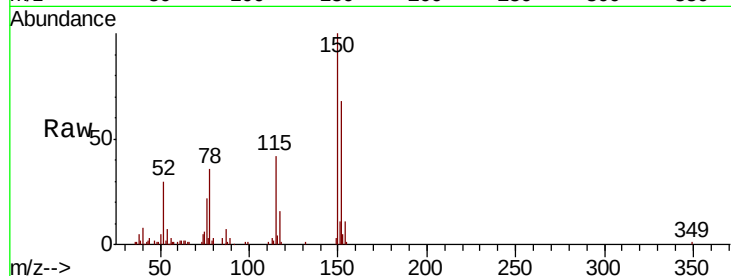


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040807.D
Acq: 9 May 2019 5:11

Instrument :
BNA_G
ClientSampleId :
PB119548TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	120.2	180.2
115	62.2	46.2	69.2

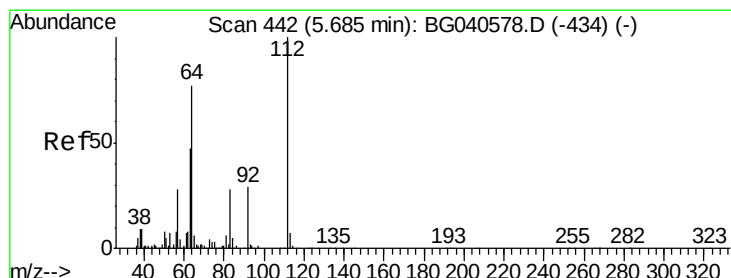
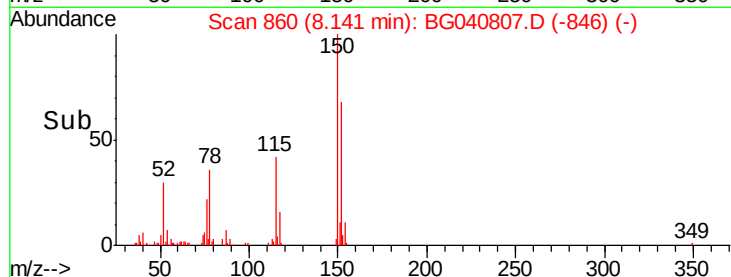
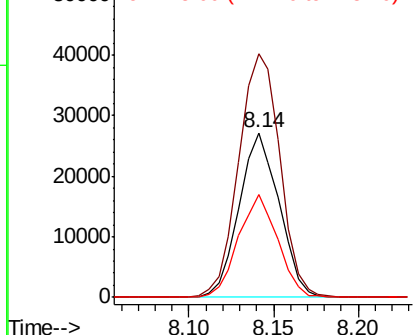


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

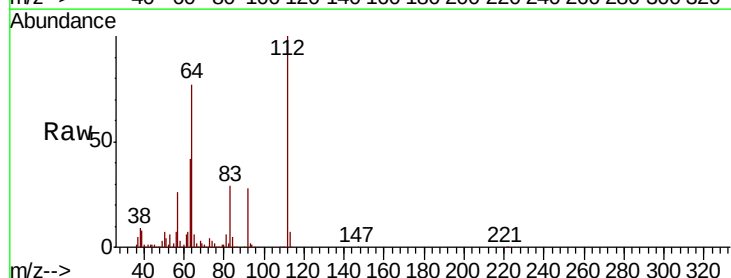
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.324 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040807.D
Acq: 9 May 2019 5:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.3	61.4	92.0
63	42.4	37.8	56.6

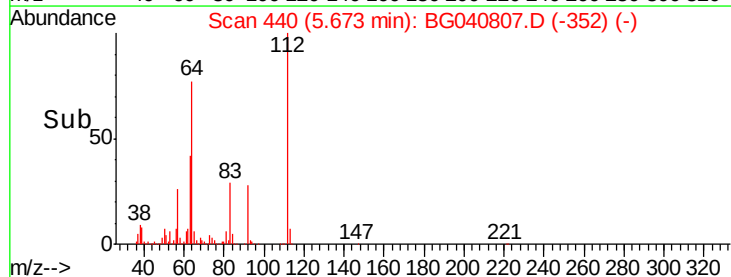
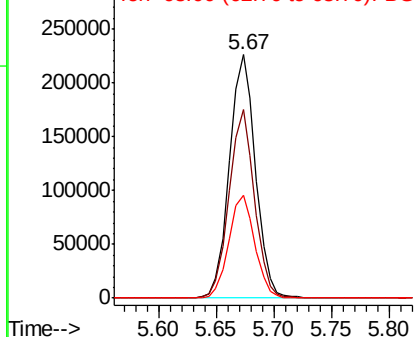


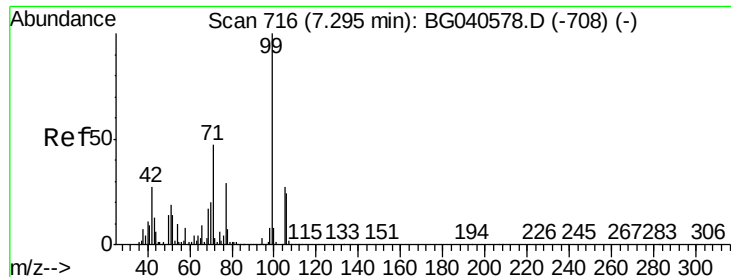
Abundance

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: 132.851 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040807.D

Acq: 9 May 2019 5:11

Instrument :

BNA_G

ClientSampleId :

PB119548TB

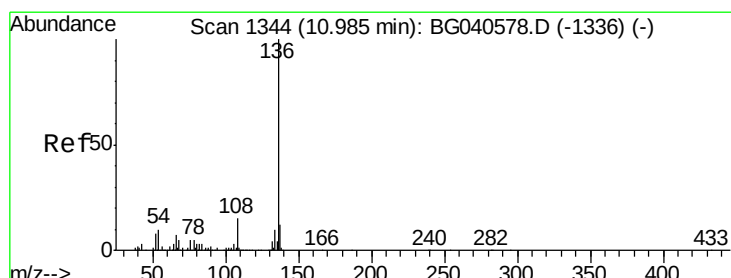
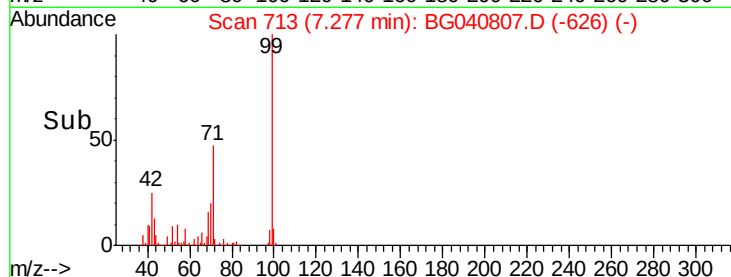
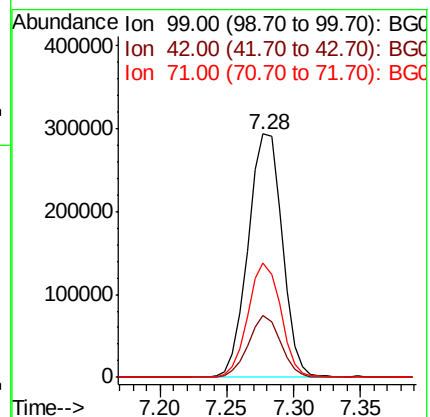
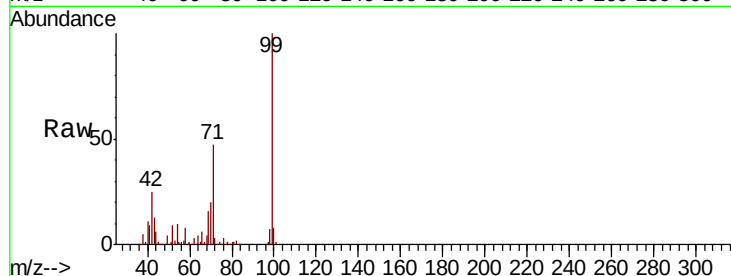
Tot Ion: 99 Resp: 518762

Ion Ratio Lower Upper

99 100

42 25.2 21.8 32.8

71 47.0 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040807.D

Acq: 9 May 2019 5:11

Tgt Ion: 136 Resp: 173400

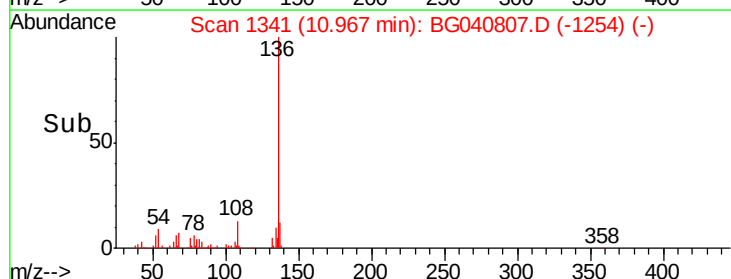
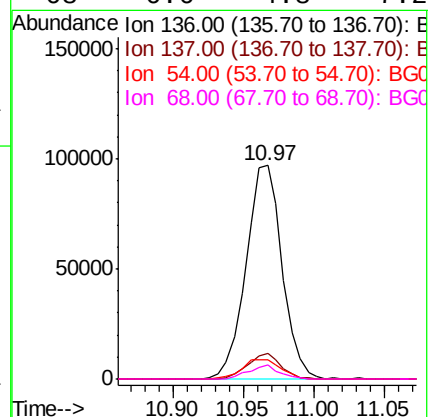
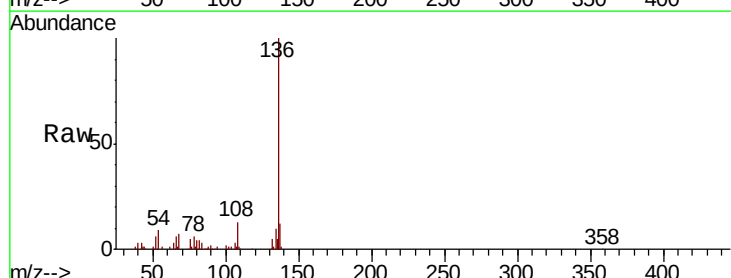
Ion Ratio Lower Upper

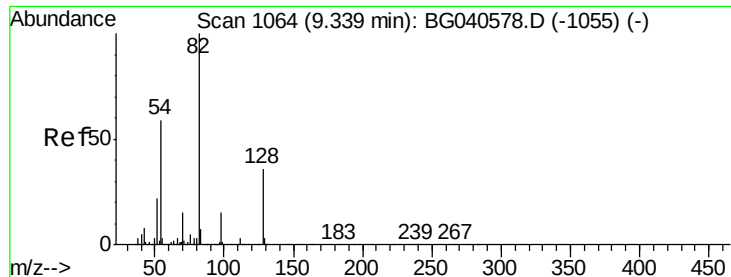
136 100

137 12.1 9.7 14.5

54 8.8 8.6 12.8

68 6.6 4.8 7.2

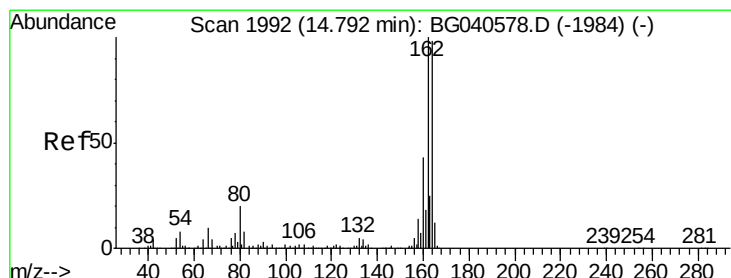
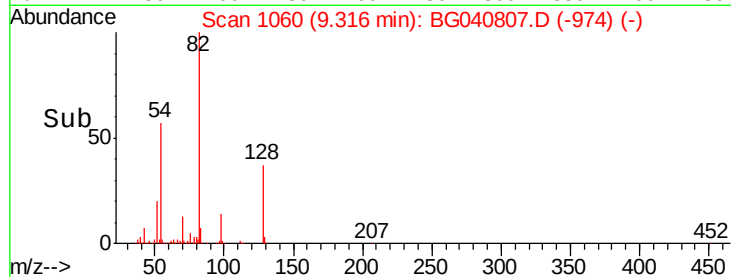
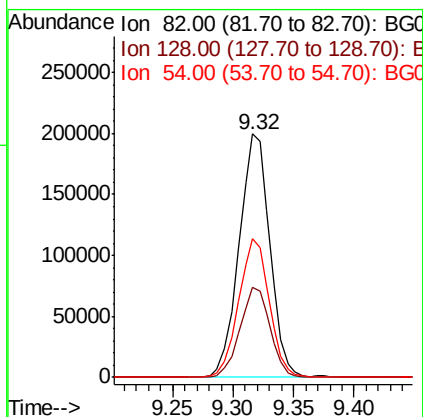
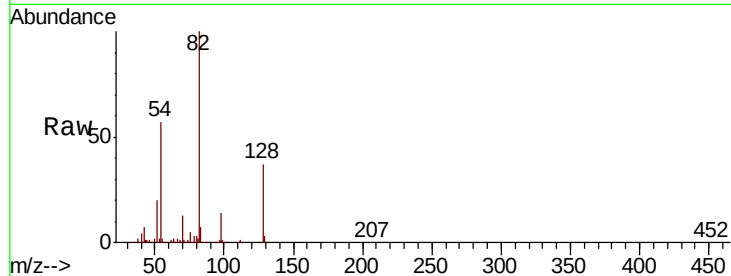




#23
 Nitrobenzene-d5
 Concen: 94.625 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BG040807.D
 Acq: 9 May 2019 5:11

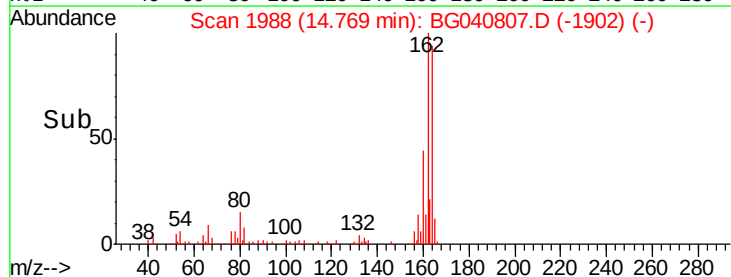
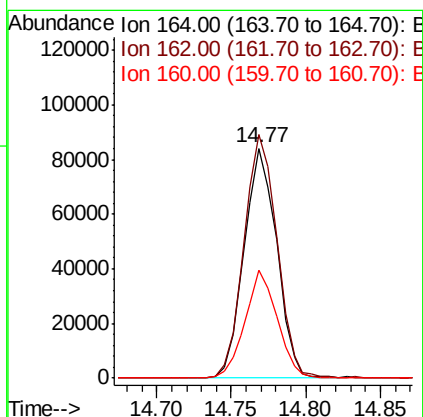
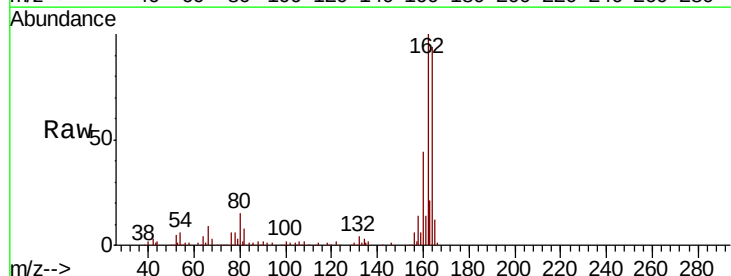
Instrument :
 BNA_G
 ClientSampleId :
 PB119548TB

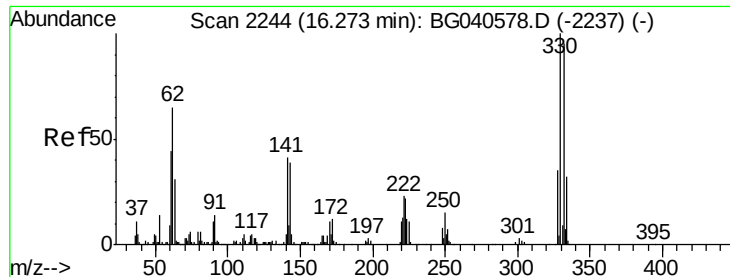
Tot Ion	82	Resp	355104
Ion Ratio	Lower	Upper	
82	100		
128	36.8	28.9	43.3
54	57.2	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040807.D
 Acq: 9 May 2019 5:11

Tgt Ion	164	Resp	127340
Ion Ratio	Lower	Upper	
164	100		
162	106.1	81.9	122.9
160	46.9	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 142.062 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040807.D

Acq: 9 May 2019 5:11

Instrument :

BNA_G

ClientSampleId :

PB119548TB

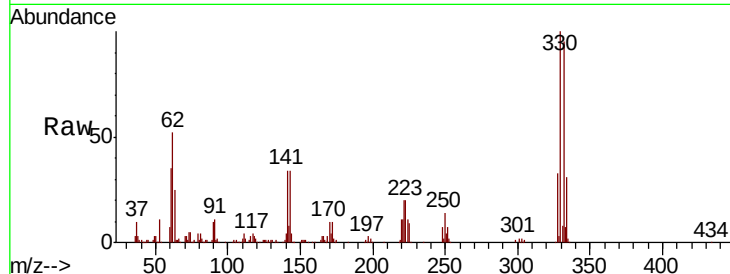
Tot Ion:330 Resp: 248654

Ion Ratio Lower Upper

330 100

332 96.3 75.9 113.9

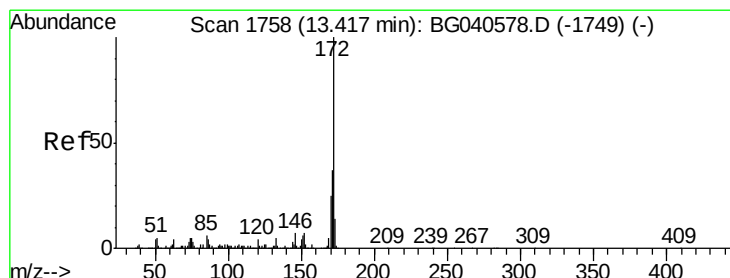
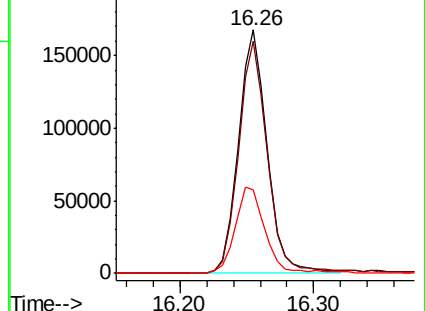
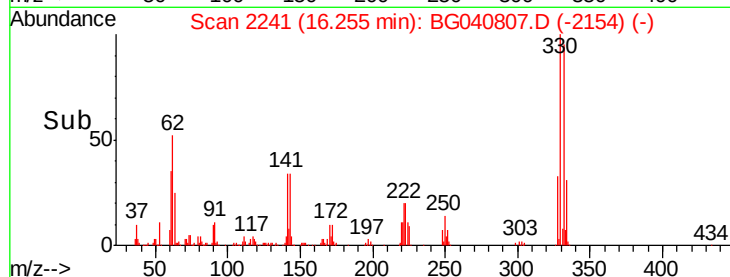
141 37.5 32.4 48.6



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: 90.978 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040807.D

Acq: 9 May 2019 5:11

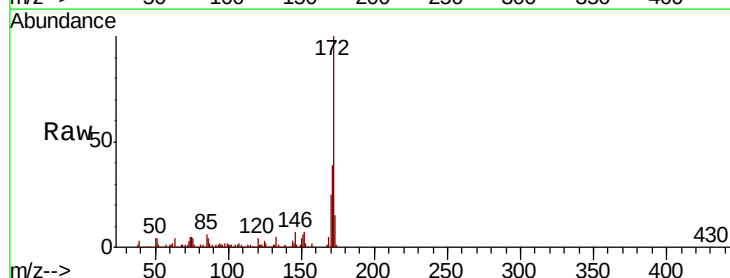
Tgt Ion:172 Resp: 802181

Ion Ratio Lower Upper

172 100

171 38.7 29.4 44.2

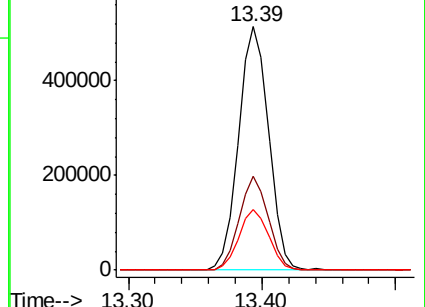
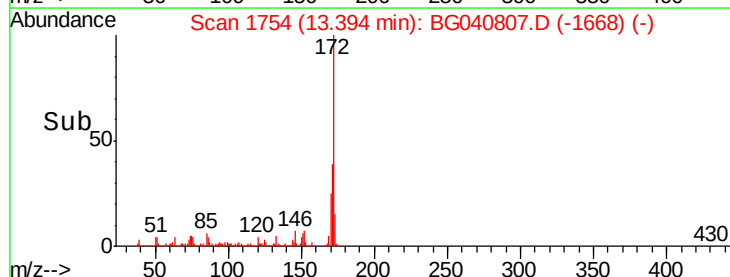
170 25.1 19.9 29.9

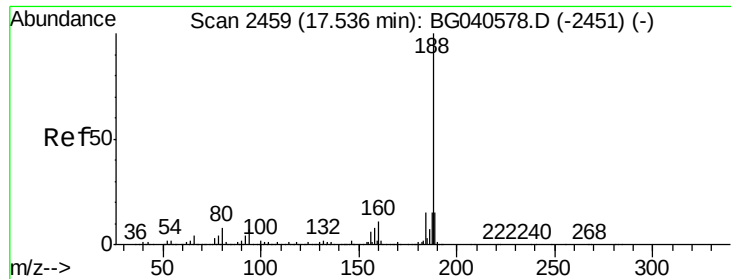


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG040807.D

Acq: 9 May 2019 5:11

Instrument :

BNA_G

ClientSampleId :

PB119548TB

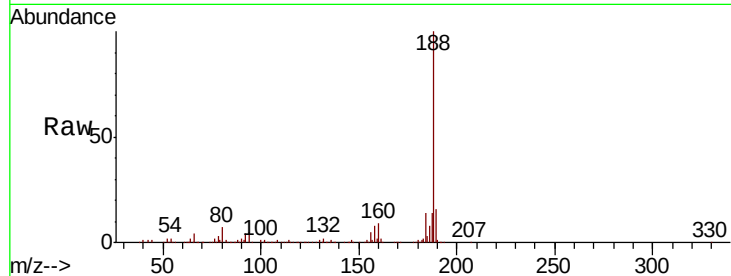
Tot Ion:188 Resp: 359448

Ion Ratio Lower Upper

188 100

94 5.4 5.6 8.4#

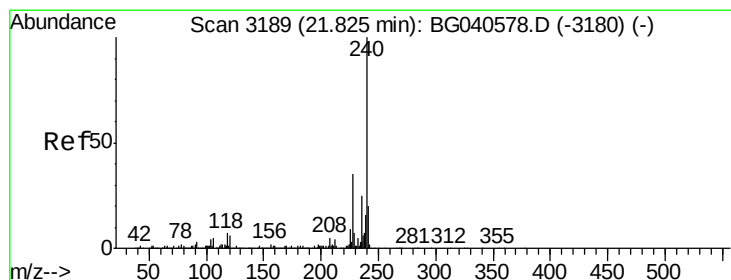
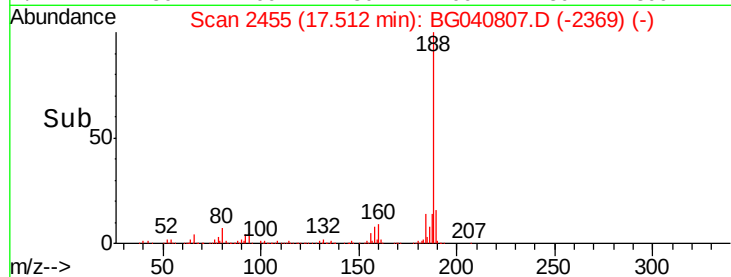
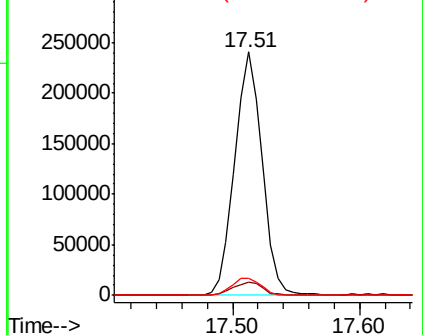
80 7.1 6.4 9.6



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: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040807.D

Acq: 9 May 2019 5:11

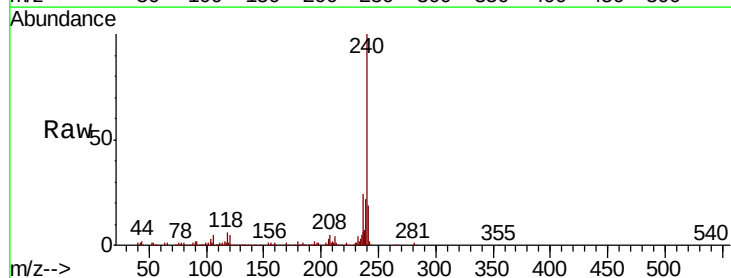
Tgt Ion:240 Resp: 347997

Ion Ratio Lower Upper

240 100

120 5.4 5.0 7.6

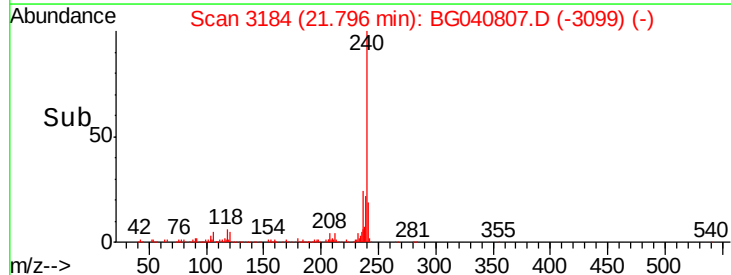
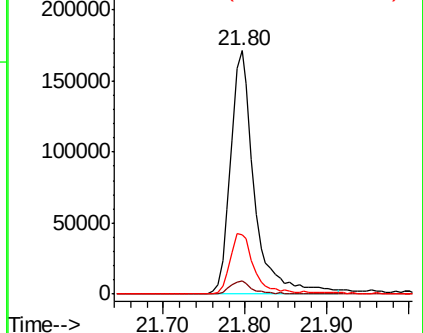
236 24.3 20.3 30.5

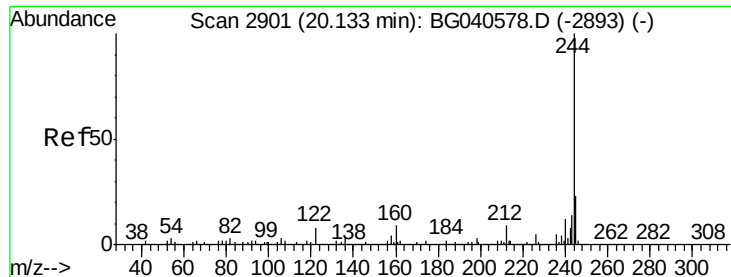


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.219 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040807.D

Acq: 9 May 2019 5:11

Instrument :

BNA_G

ClientSampleId :

PB119548TB

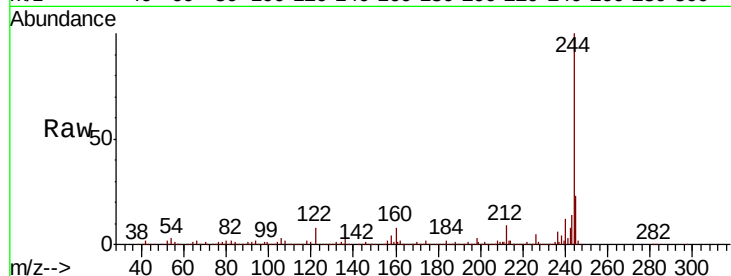
Tot Ion:244 Resp: 1637069

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.2	10.8
122	7.6	6.6	10.0

244 100

212 8.7 7.2 10.8

122 7.6 6.6 10.0

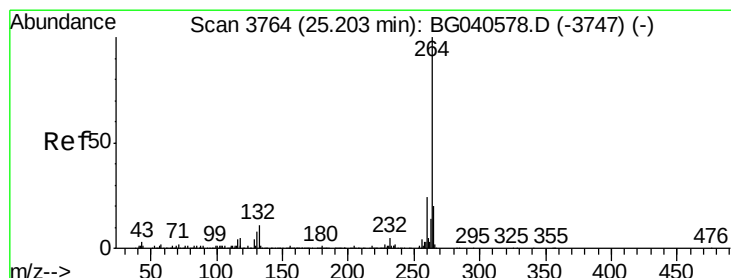
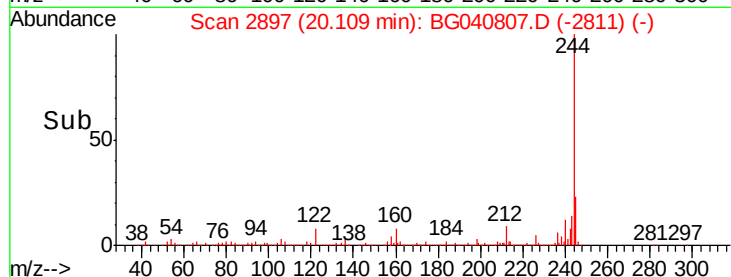
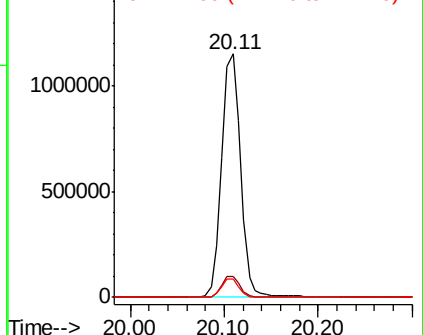


Abundance

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: 25.14 min Scan# 3754

Delta R.T. -0.06 min

Lab File: BG040807.D

Acq: 9 May 2019 5:11

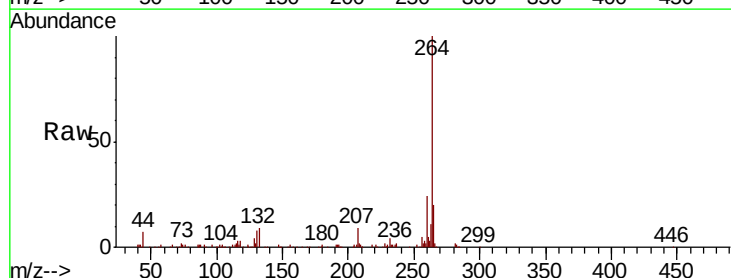
Tgt Ion:264 Resp: 254990

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.2	16.6	25.0

264 100

260 23.5 19.2 28.8

265 20.2 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

