

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040213.D
 Acq On : 29 Mar 2019 00:24
 Operator : JU/SJ
 Sample : PB118375BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BL

Quant Time: Mar 29 08:06:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51191	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	209846	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	133520	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	354356	20.00	ng	0.00
76) Chrysene-d12	21.72	240	404177	20.00	ng	0.00
87) Perylene-d12	25.03	264	404540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	385141	125.07	ng	0.00
7) Phenol-d6	7.22	99	530113	124.57	ng	0.00
23) Nitrobenzene-d5	9.24	82	301261	76.31	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	190520	132.03	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	727837	80.77	ng	0.00
79) Terphenyl-d14	20.04	244	1358414	75.61	ng	0.00

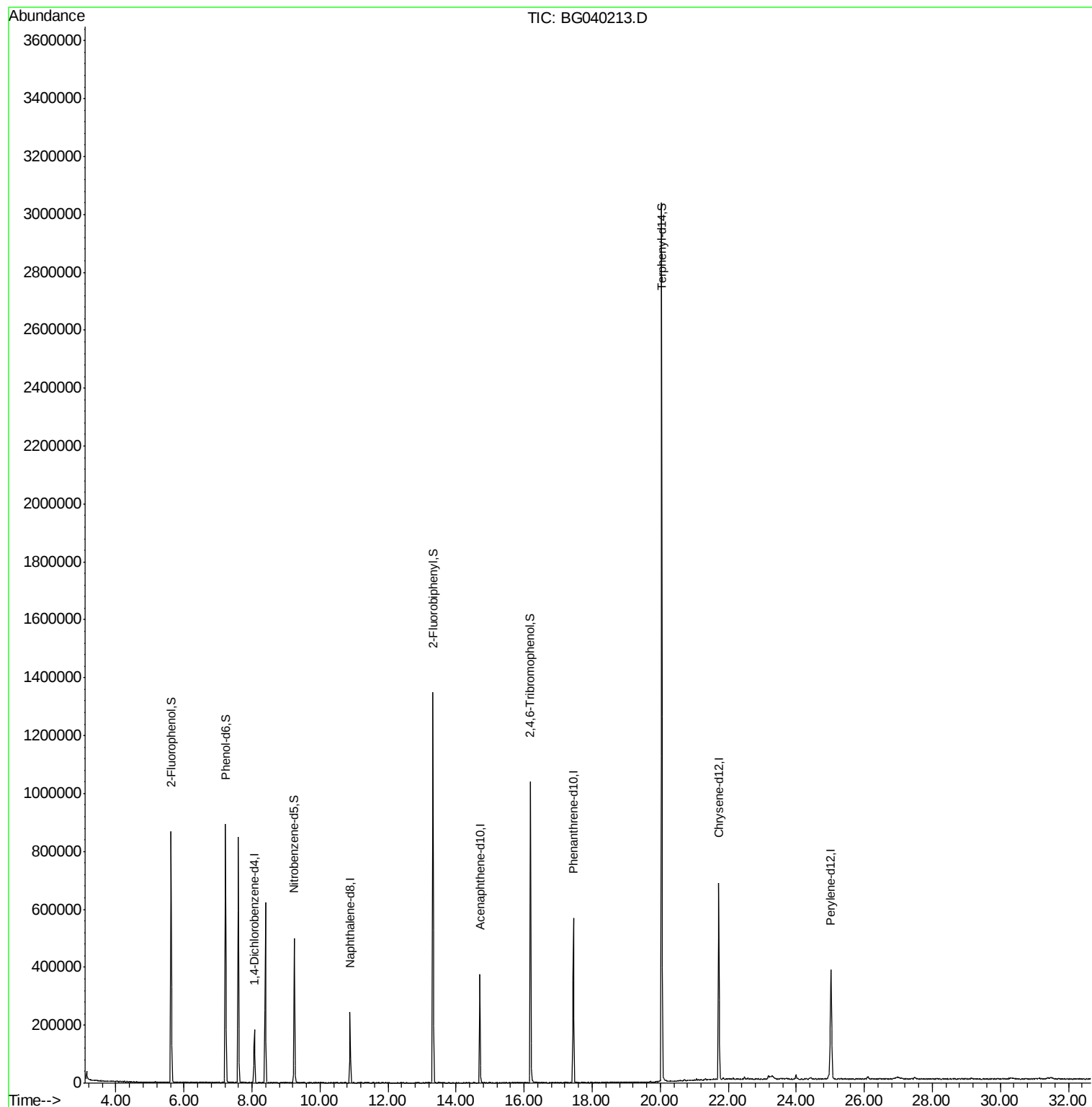
Target Compounds Qvalue

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

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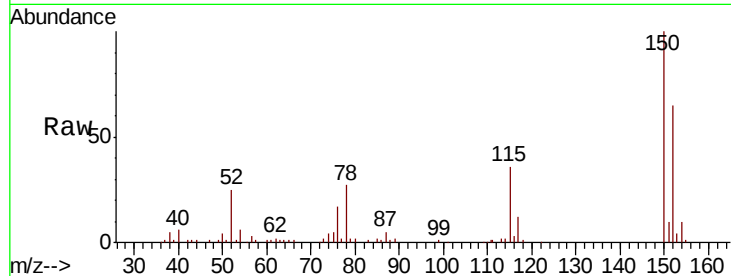


#1

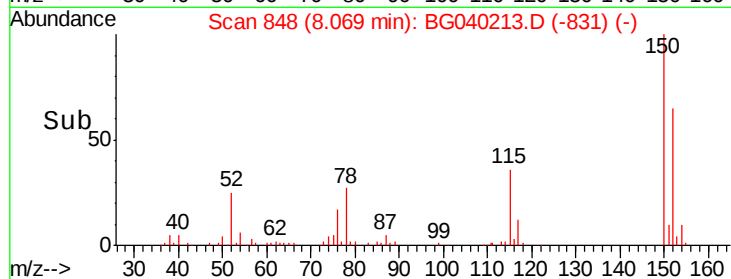
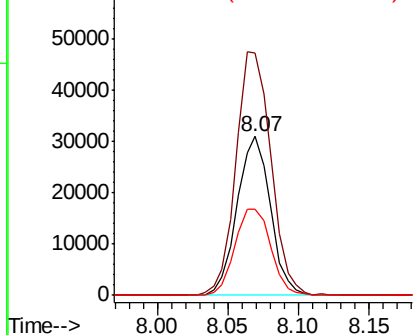
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG040213.D
Acq: 29 Mar 2019 00:24

Instrument :
BNA_G
ClientSampleId :
PB118375BL

Tot Ion:152 Resp: 51191
Ion Ratio Lower Upper
152 100
150 152.8 123.7 185.5
115 54.3 46.9 70.3



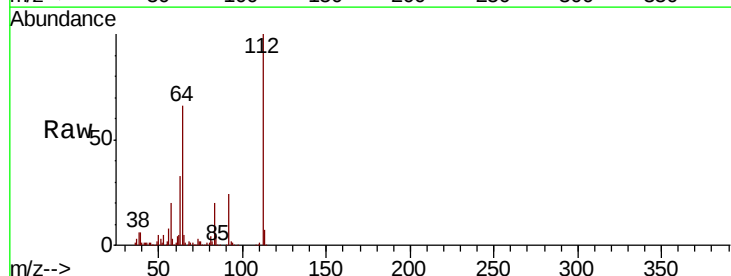
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



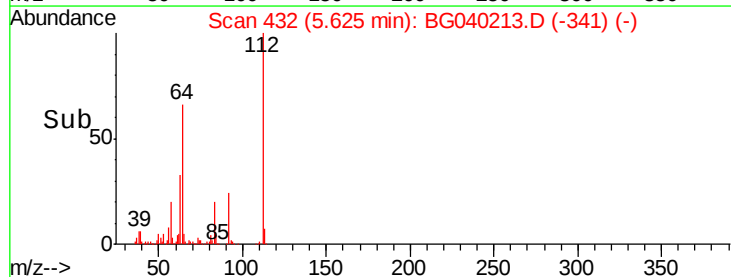
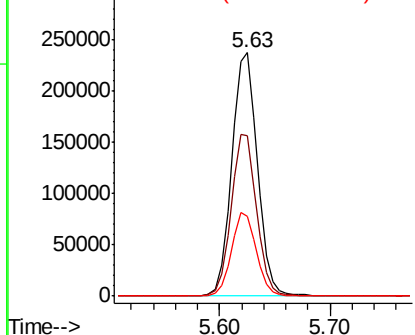
#5

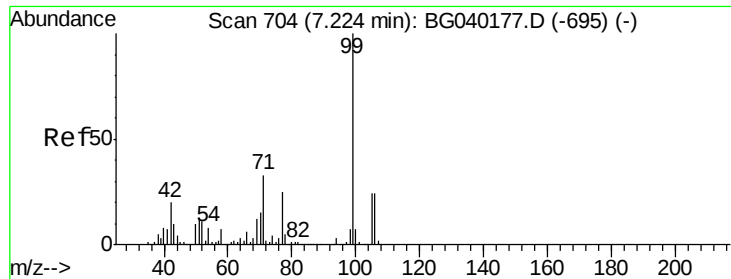
2-Fluorophenol
Concen: 125.073 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG040213.D
Acq: 29 Mar 2019 00:24

Tgt Ion:112 Resp: 385141
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.2
63 32.5 26.4 39.6



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: 124.566 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

Instrument :

BNA_G

ClientSampleId :

PB118375BL

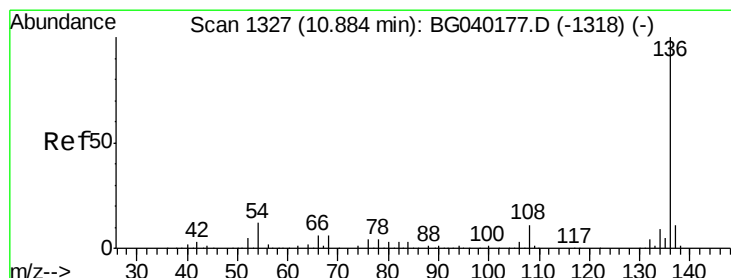
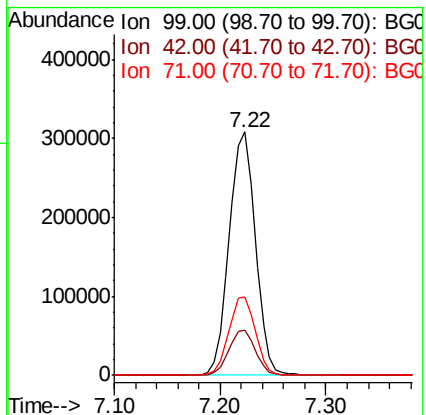
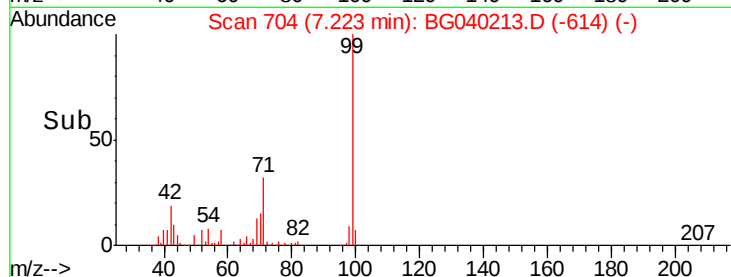
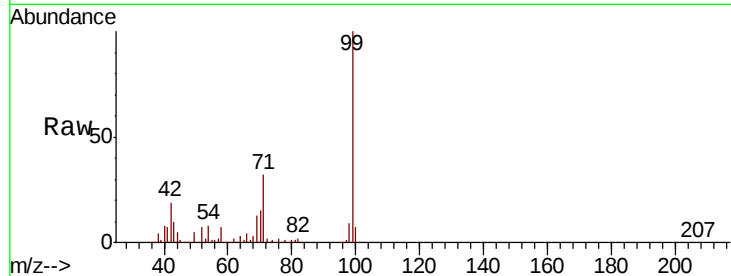
Tot Ion: 99 Resp: 530113

Ion Ratio Lower Upper

99 100

42 18.8 16.2 24.2

71 32.2 26.8 40.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

Tgt Ion: 136 Resp: 209846

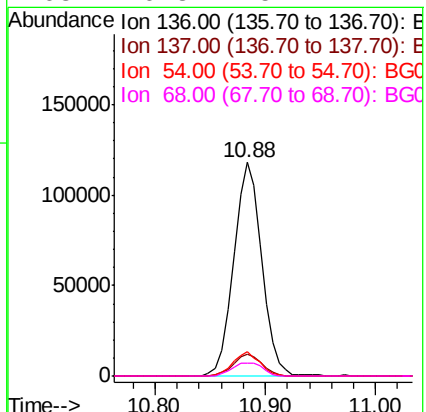
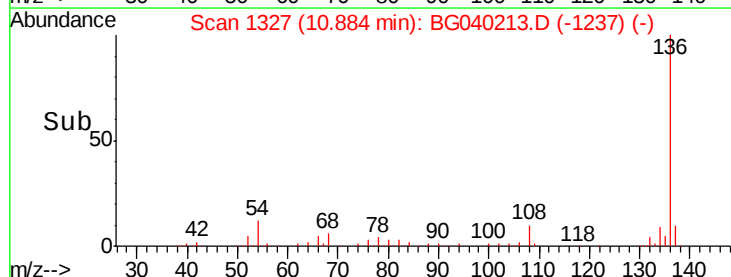
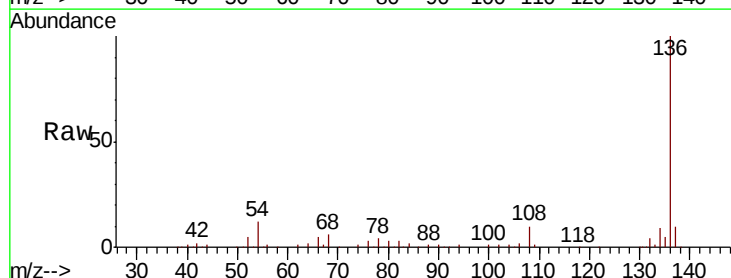
Ion Ratio Lower Upper

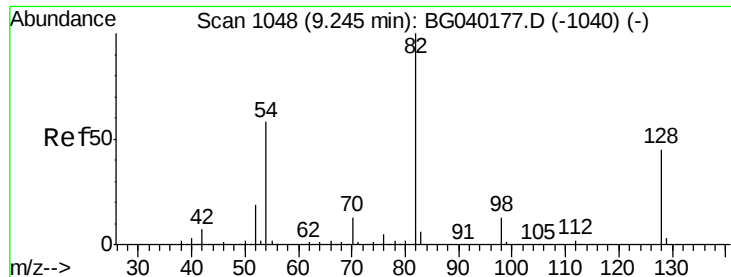
136 100

137 10.2 8.9 13.3

54 11.5 9.6 14.4

68 6.3 5.1 7.7

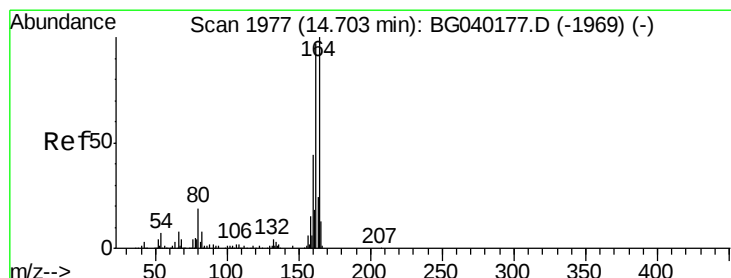
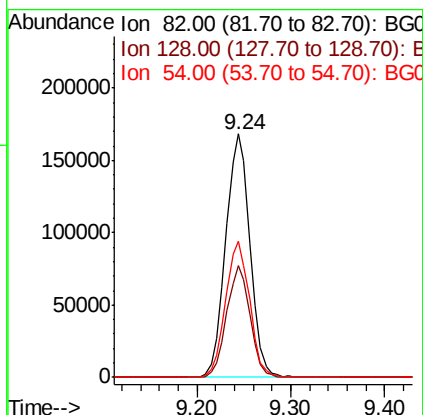
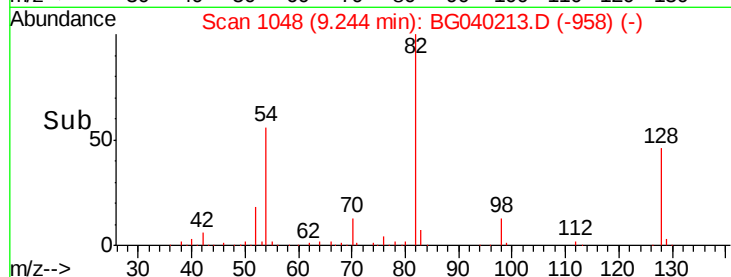
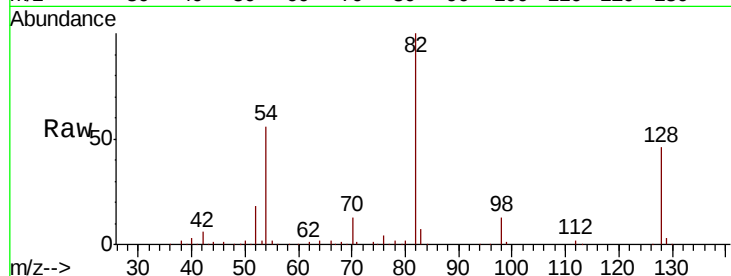




#23
Nitrobenzene-d5
Concen: 76.309 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG040213.D
Acq: 29 Mar 2019 00:24

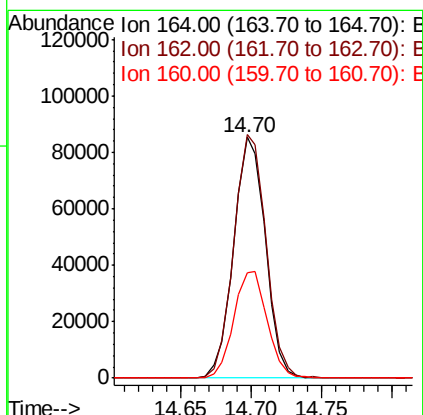
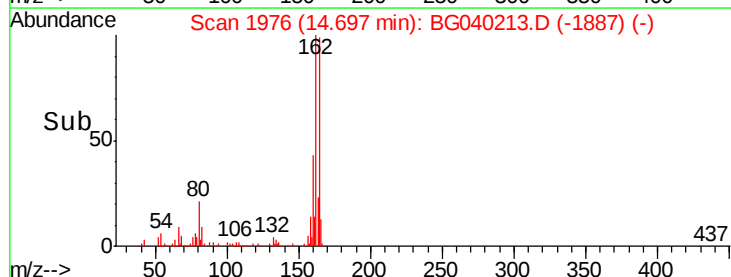
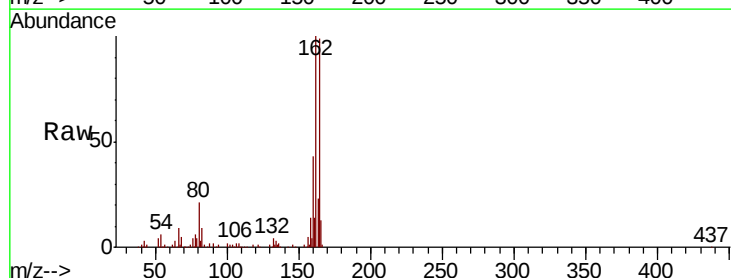
Instrument :
BNA_G
ClientSampleId :
PB118375BL

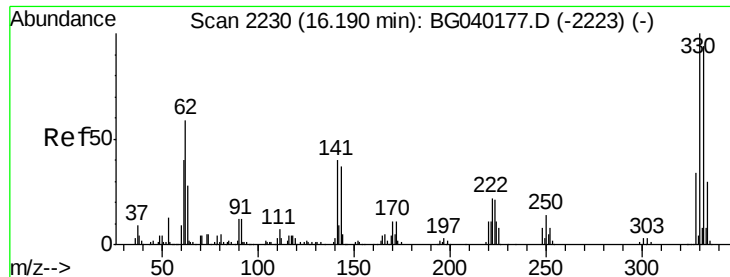
Tot Ion: 82 Resp: 301261
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.8
54 55.7 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG040213.D
Acq: 29 Mar 2019 00:24

Tgt Ion: 164 Resp: 133520
Ion Ratio Lower Upper
164 100
162 101.1 77.4 116.2
160 43.7 35.3 52.9

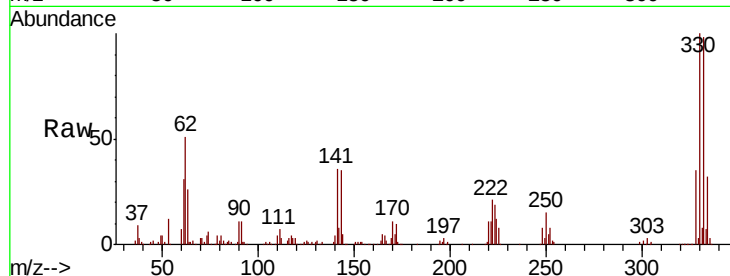




#42
 2,4,6-Tribromophenol
 Concen: 132.030 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG040213.D
 Acq: 29 Mar 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	115.0
141	38.8	32.6	48.8

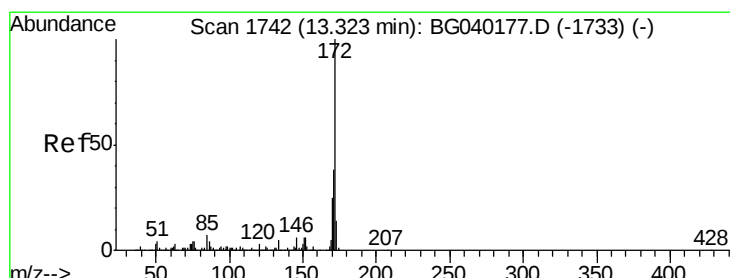
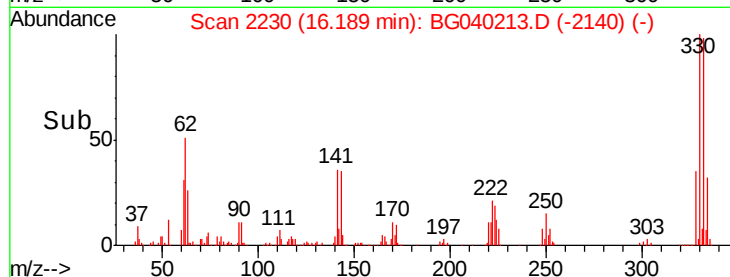
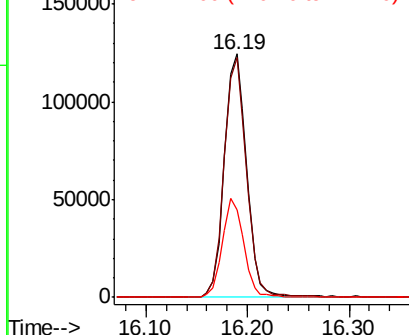


Abundance

Ion 329.80 (329.50 to 330.50): E

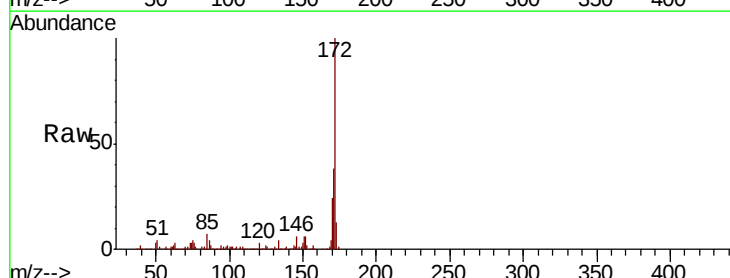
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.773 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG040213.D
 Acq: 29 Mar 2019 00:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	23.8	20.1	30.1

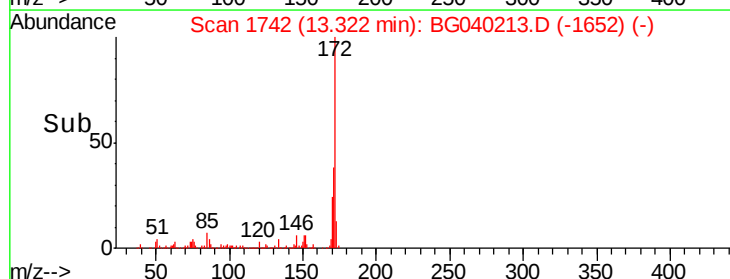
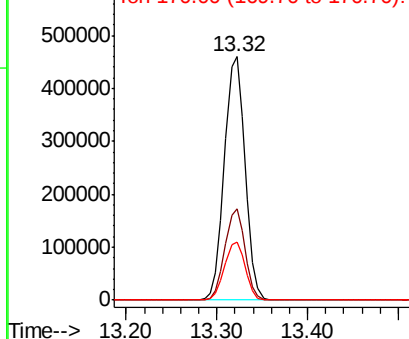


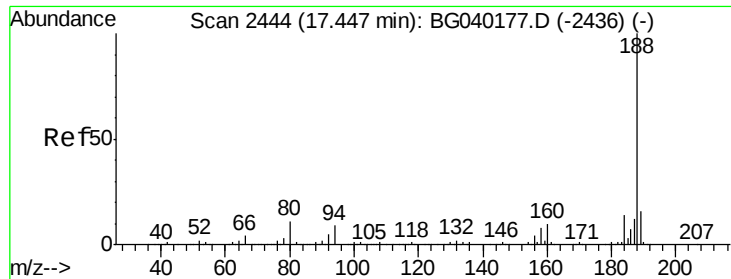
Abundance

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: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

Instrument :

BNA_G

ClientSampleId :

PB118375BL

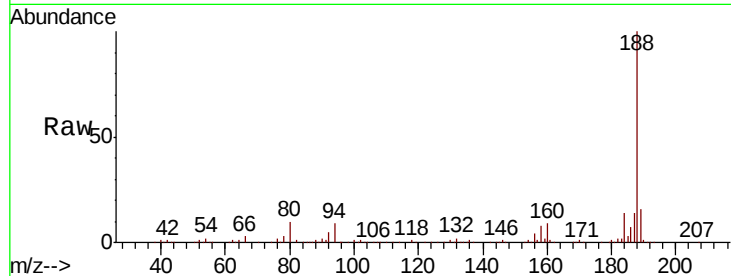
Tot Ion:188 Resp: 354356

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

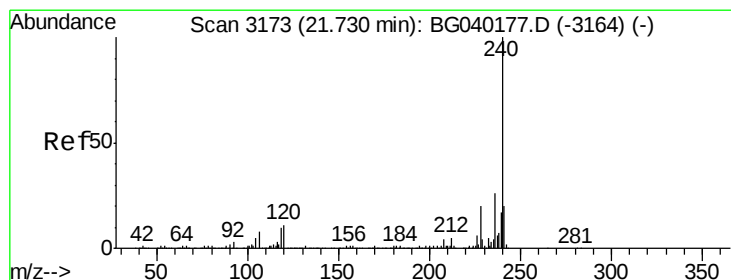
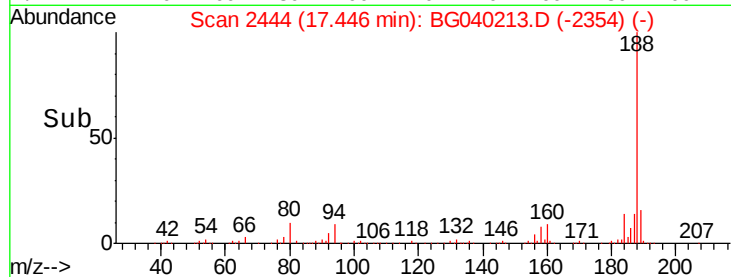
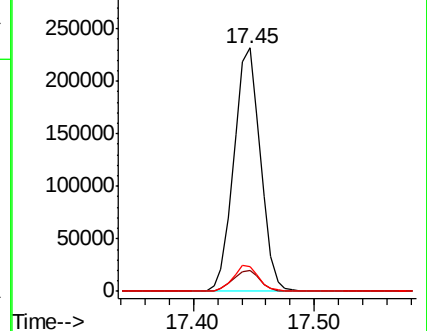
80 10.1 8.6 13.0



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: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

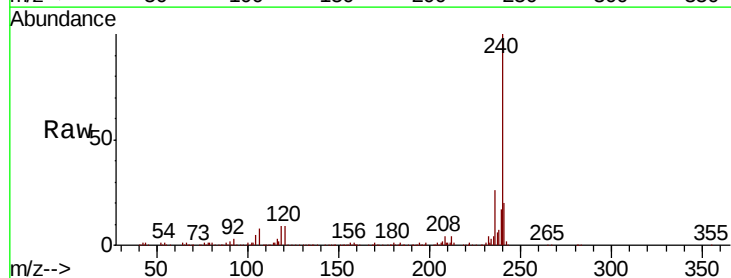
Tgt Ion:240 Resp: 404177

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

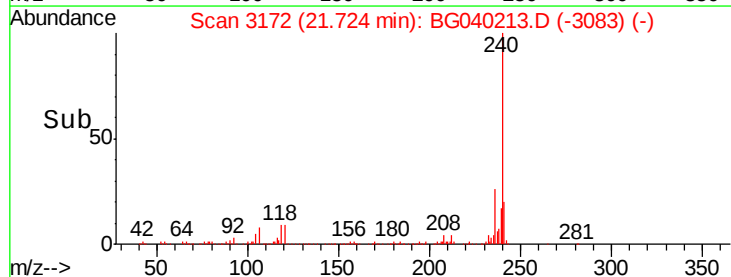
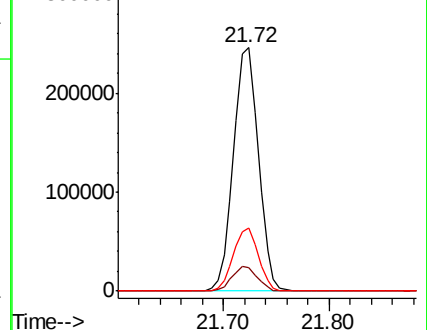
236 26.1 20.8 31.2



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: 75.609 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

Instrument :

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ClientSampleId :

PB118375BL

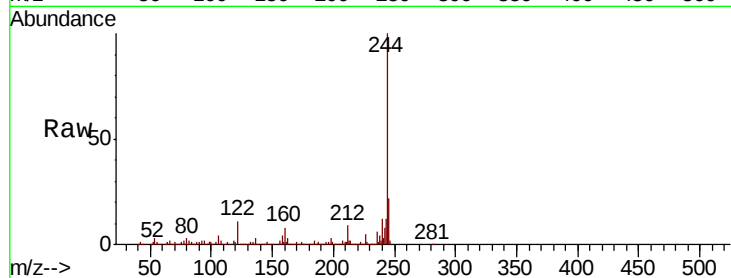
Tot Ion:244 Resp: 1358414

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

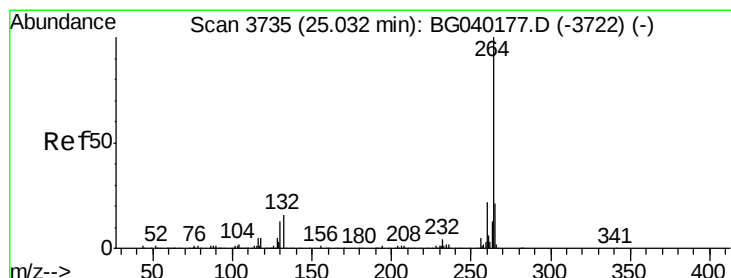
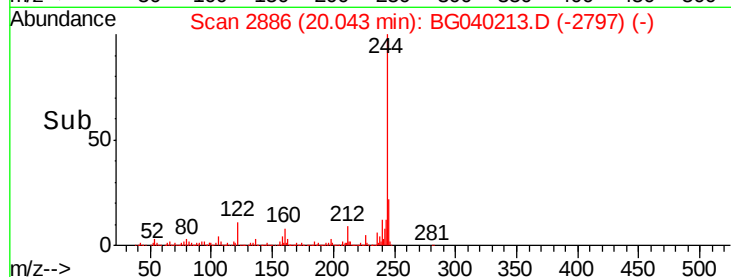
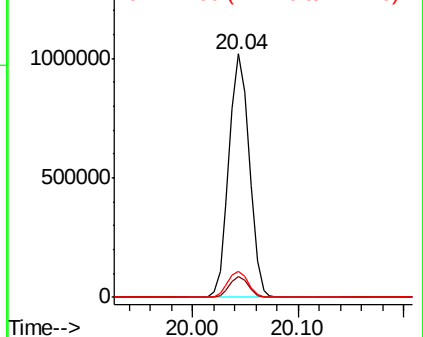
122 10.9 8.5 12.7



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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

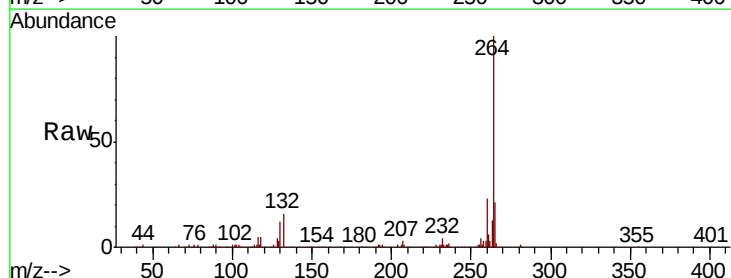
Tgt Ion:264 Resp: 404540

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.5 16.8 25.2



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

