

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040531.D
 Acq On : 17 Apr 2019 15:47
 Operator : JU/SJ
 Sample : PB118917BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118917BL

Quant Time: Apr 18 04:14:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48260	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	184831	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	108512	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	309739	20.00	ng	0.00
76) Chrysene-d12	21.69	240	330707	20.00	ng	0.00
87) Perylene-d12	24.97	264	352264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	301519	103.86	ng	0.00
7) Phenol-d6	7.20	99	408856	101.91	ng	0.00
23) Nitrobenzene-d5	9.21	82	238737	68.66	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	131651	112.26	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	531073	72.52	ng	0.00
79) Terphenyl-d14	20.02	244	1049676	71.40	ng	0.00

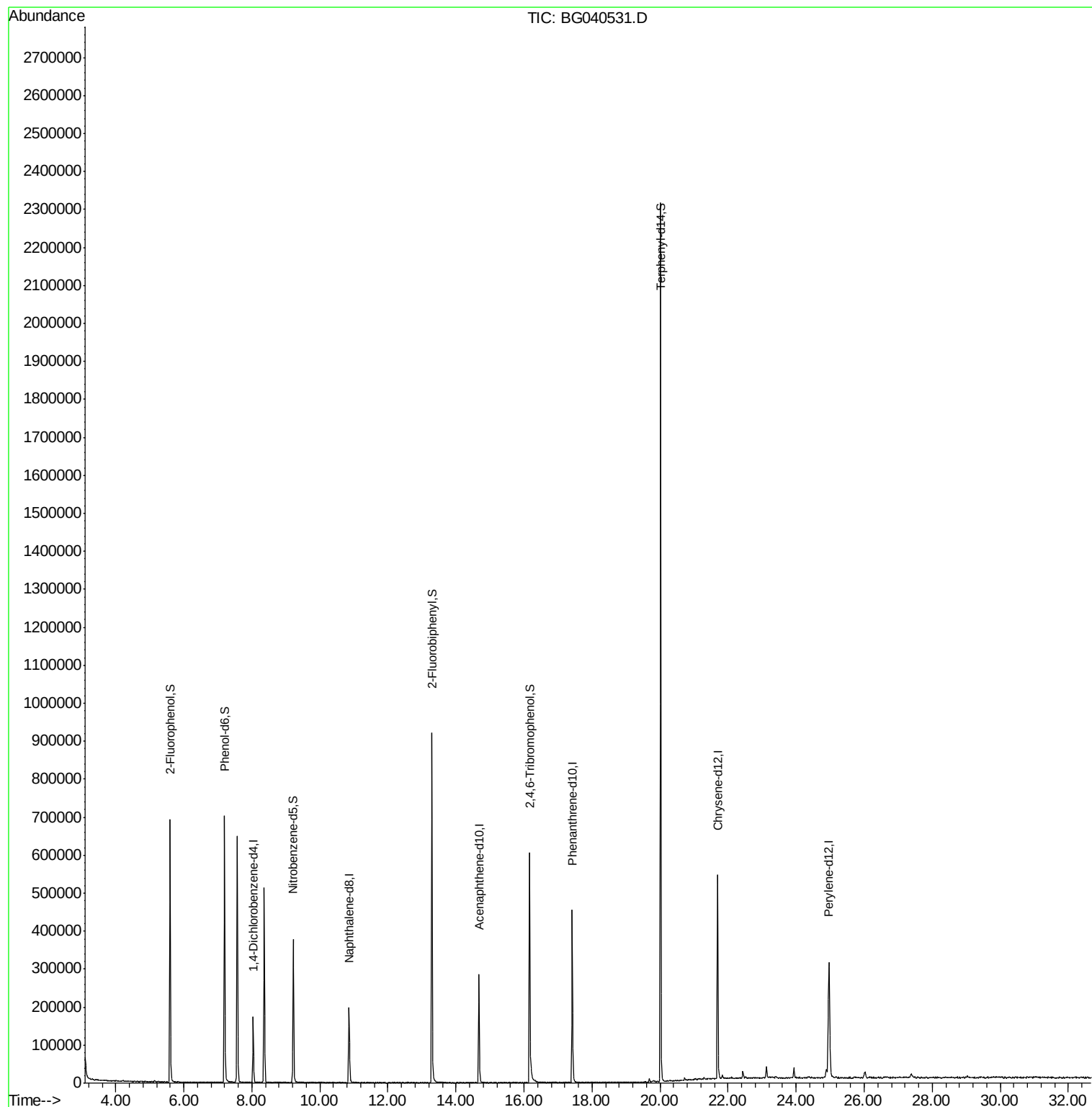
Target Compounds	Qvalue
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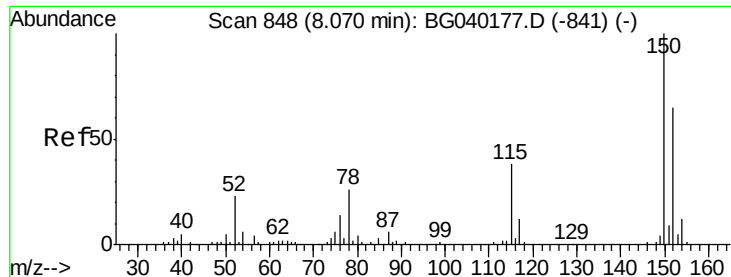
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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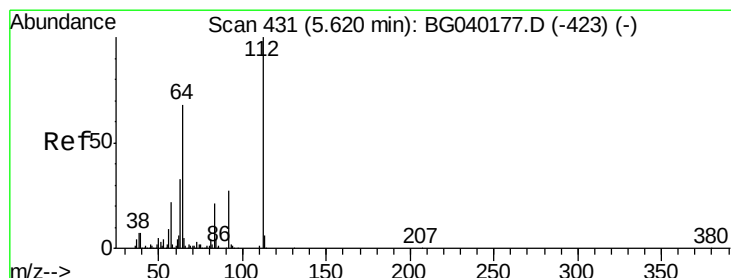
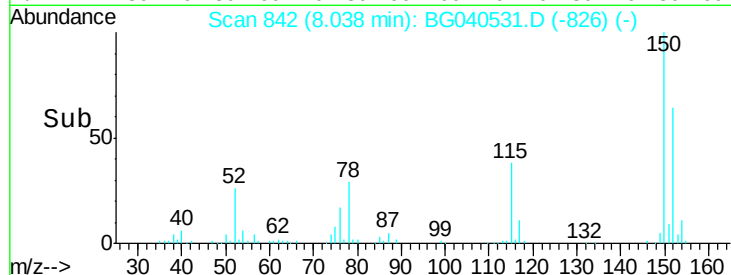
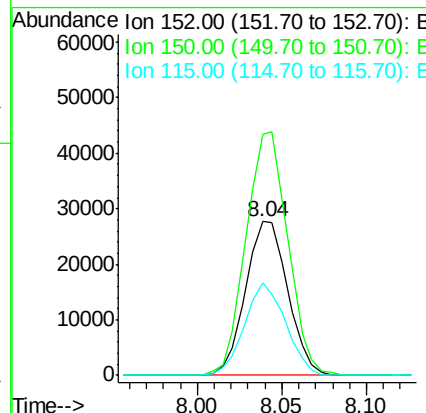
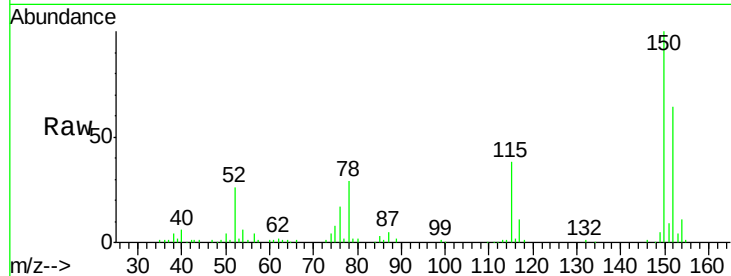


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040531.D
Acq: 17 Apr 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB118917BL

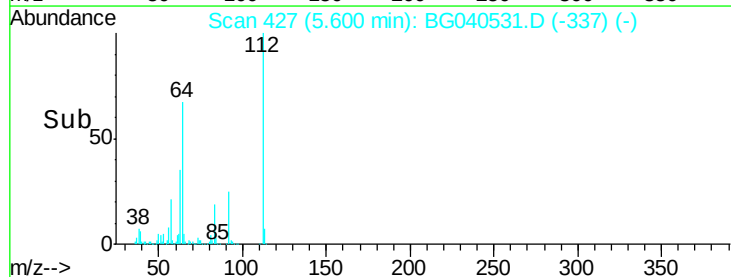
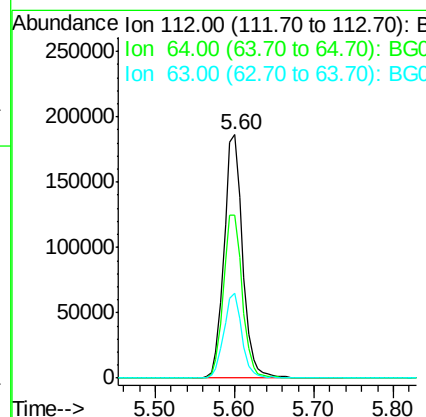
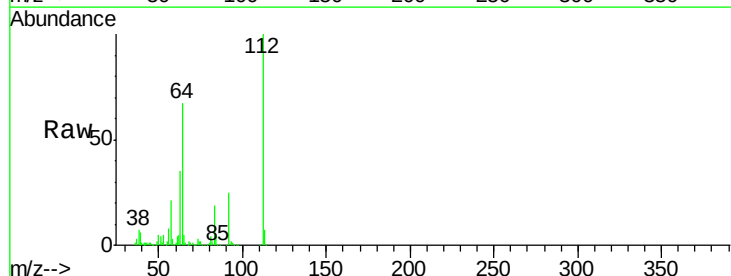
Tgt Ion:152 Resp: 48260
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 60.1 46.9 70.3

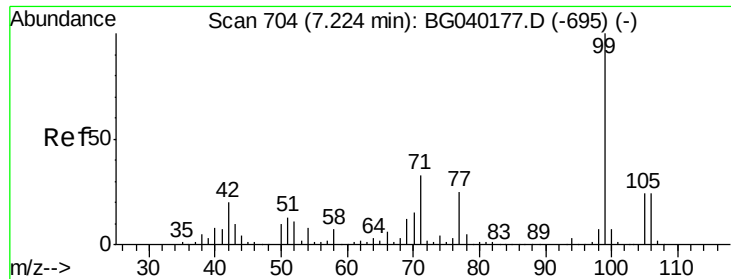


#5

2-Fluorophenol
Concen: 103.864 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG040531.D
Acq: 17 Apr 2019 15:47

Tgt Ion:112 Resp: 301519
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.2
63 34.9 26.4 39.6





#7

Phenol-d6

Concen: 101.908 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG040531.D

Acq: 17 Apr 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB118917BL

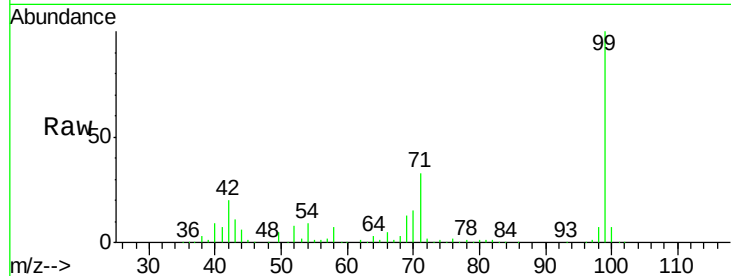
Tgt Ion: 99 Resp: 408856

Ion Ratio Lower Upper

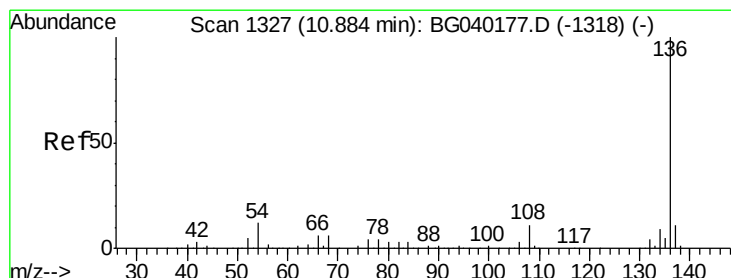
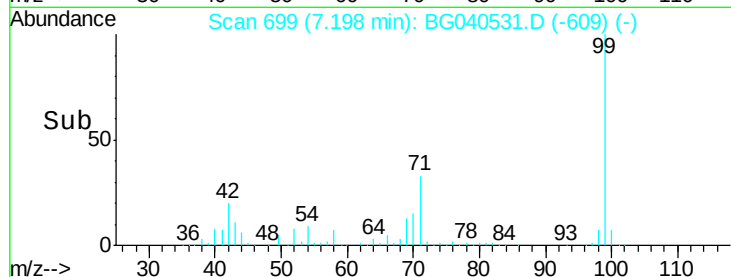
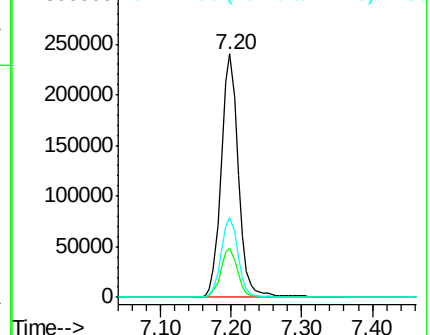
99 100

42 19.9 16.2 24.2

71 33.0 26.8 40.2



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# 1322

Delta R.T. 0.00 min

Lab File: BG040531.D

Acq: 17 Apr 2019 15:47

Tgt Ion: 136 Resp: 184831

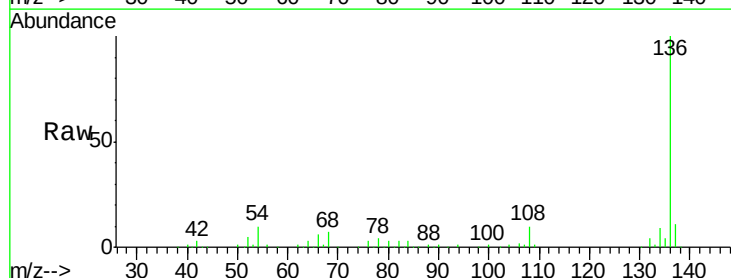
Ion Ratio Lower Upper

136 100

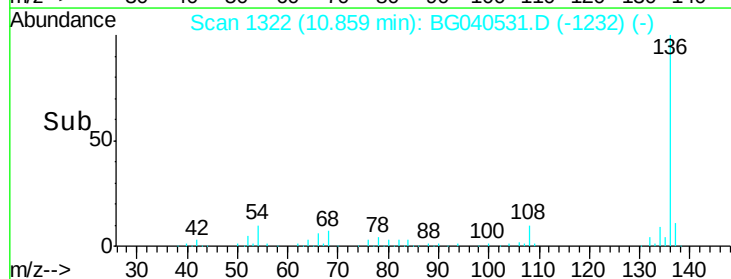
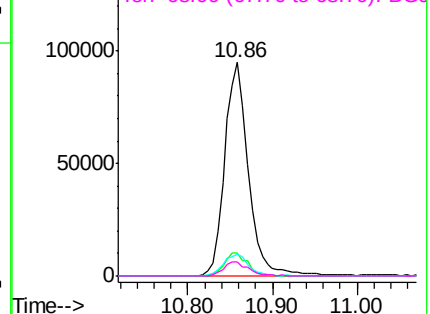
137 11.0 8.9 13.3

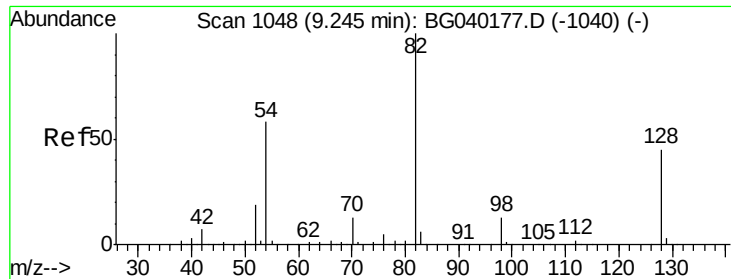
54 10.3 9.6 14.4

68 6.8 5.1 7.7



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

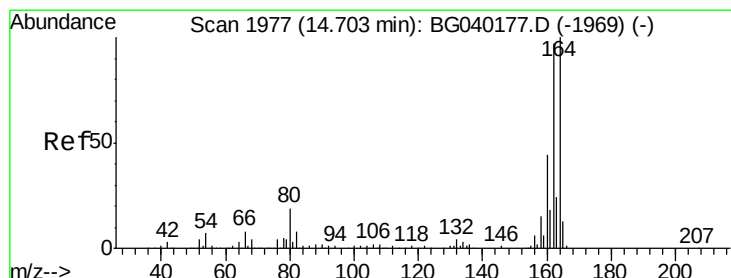
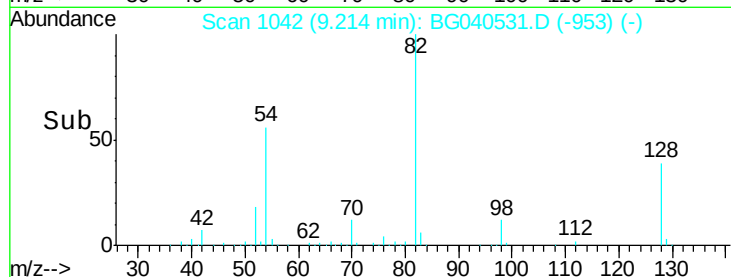
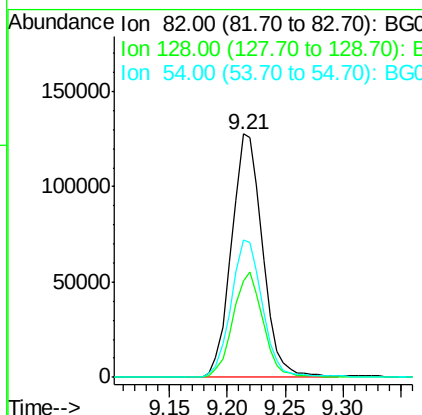
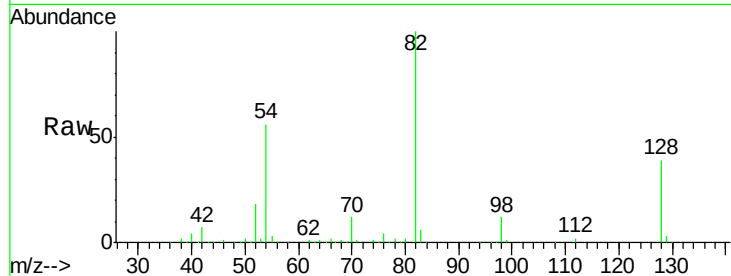




#23
 Nitrobenzene-d5
 Concen: 68.656 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG040531.D
 Acq: 17 Apr 2019 15:47

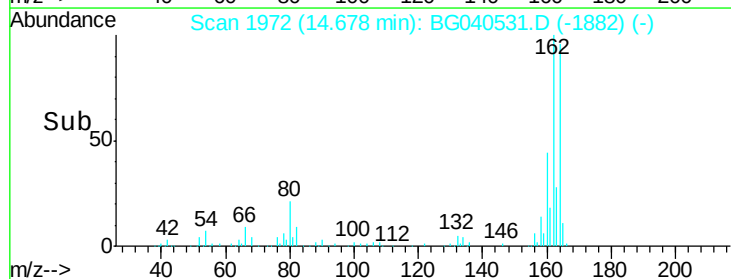
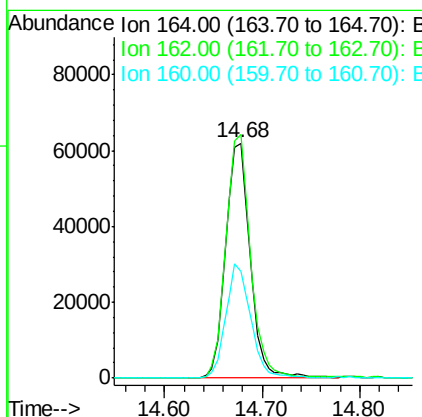
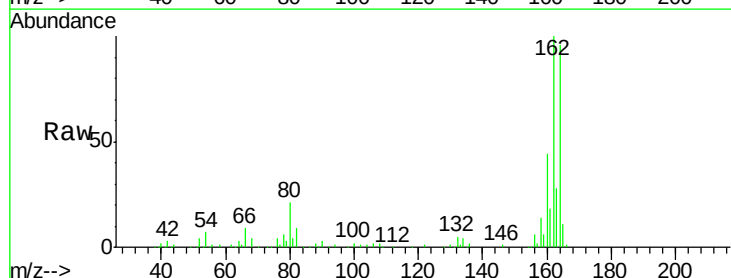
Instrument :
 BNA_G
 ClientSampleId :
 PB118917BL

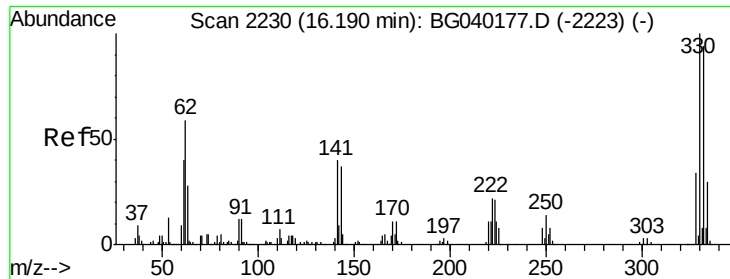
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.8	53.8
54	56.4	46.2	69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG040531.D
 Acq: 17 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	77.4	116.2
160	45.6	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 112.260 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BG040531.D

Acq: 17 Apr 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB118917BL

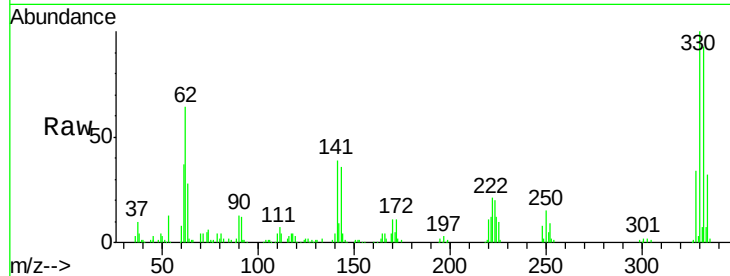
Tgt Ion:330 Resp: 131651

Ion Ratio Lower Upper

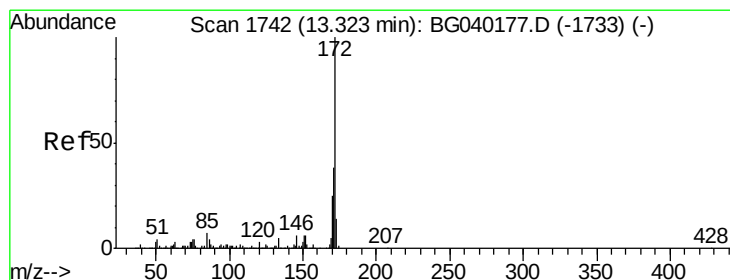
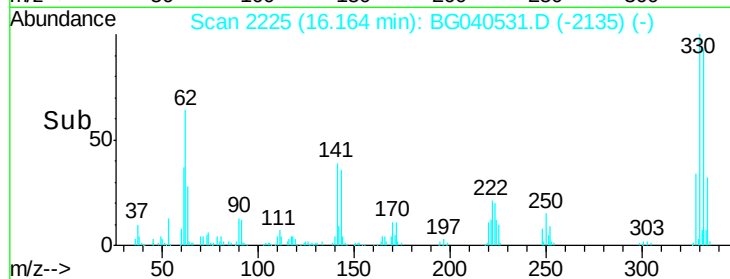
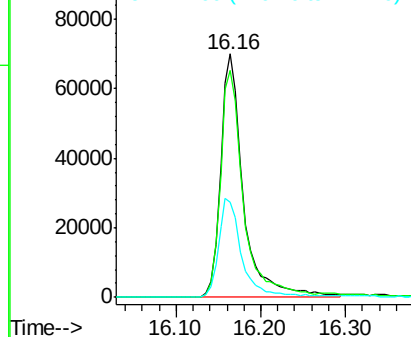
330 100

332 94.4 76.6 115.0

141 42.2 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: 72.520 ng

RT: 13.30 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BG040531.D

Acq: 17 Apr 2019 15:47

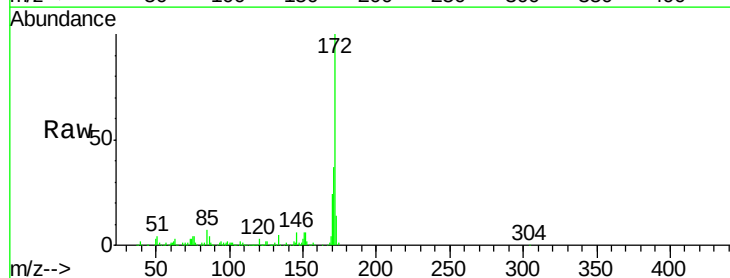
Tgt Ion:172 Resp: 531073

Ion Ratio Lower Upper

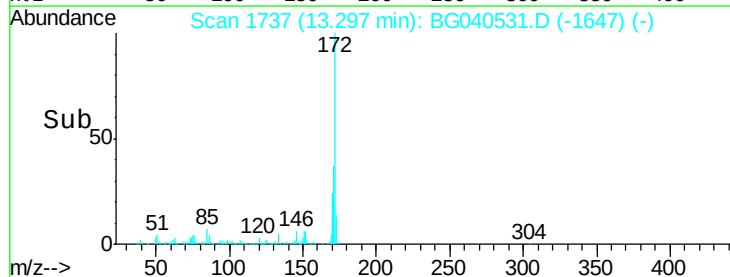
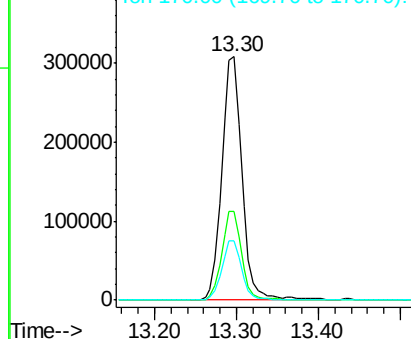
172 100

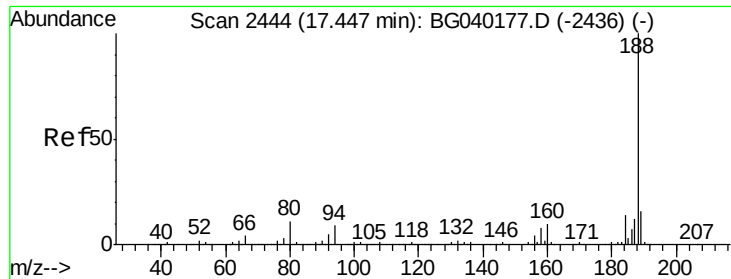
171 36.7 30.5 45.7

170 24.2 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

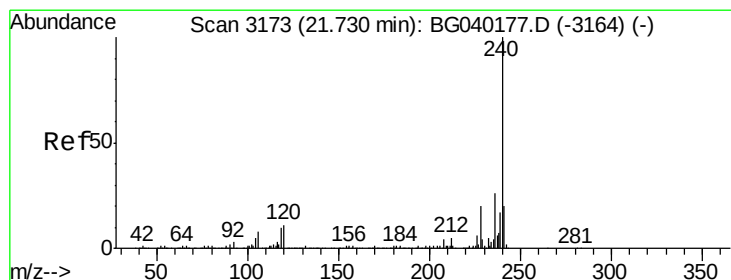
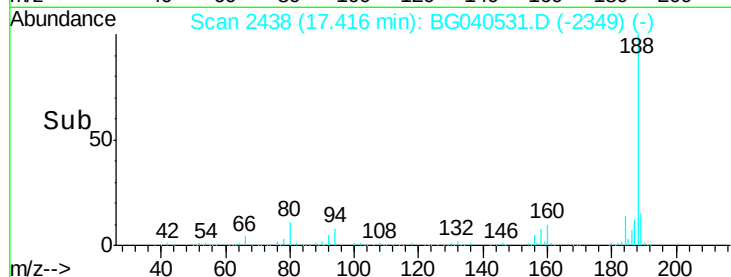
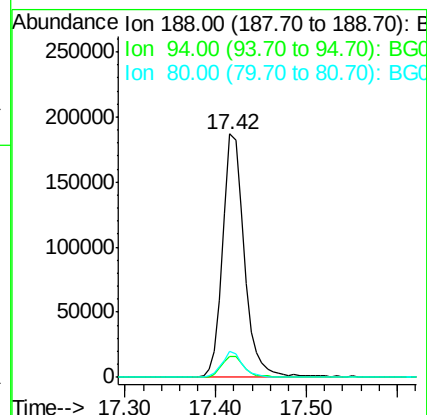
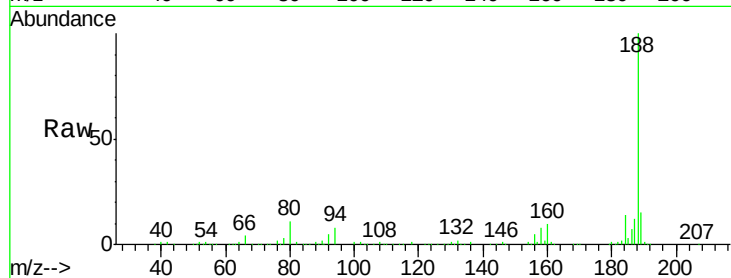




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG040531.D
Acq: 17 Apr 2019 15:47

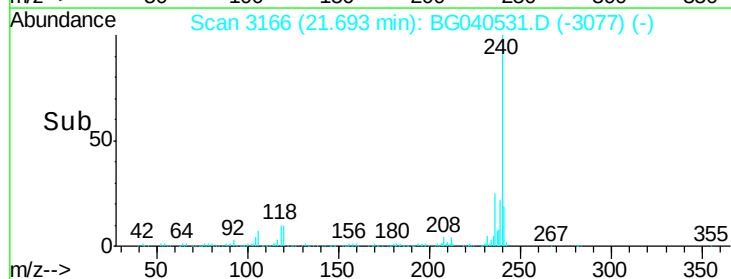
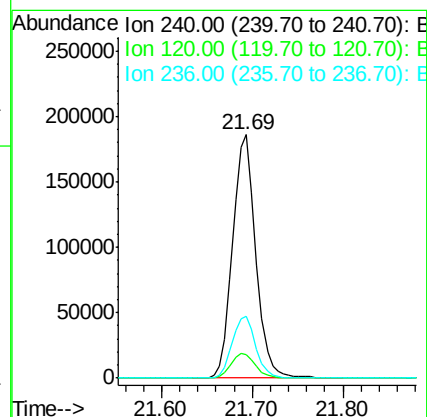
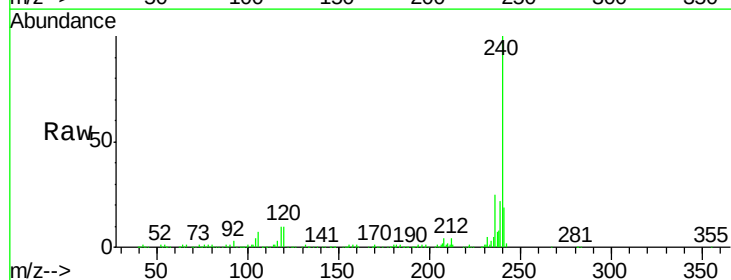
Instrument :
BNA_G
ClientSampleId :
PB118917BL

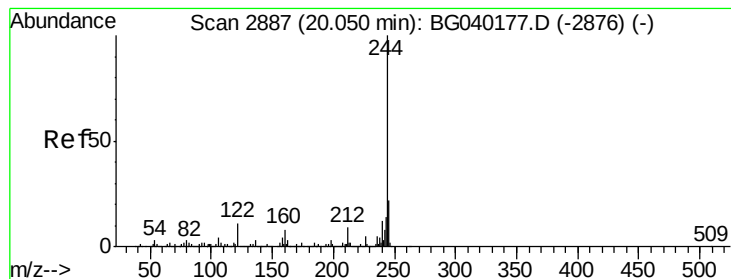
Tgt Ion:188 Resp: 309739
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 10.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG040531.D
Acq: 17 Apr 2019 15:47

Tgt Ion:240 Resp: 330707
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.4 20.8 31.2





#79

Terphenyl-d14

Concen: 71.405 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040531.D

Acq: 17 Apr 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB118917BL

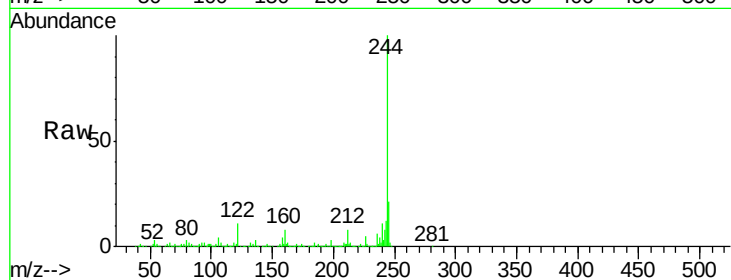
Tgt Ion:244 Resp: 1049676

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

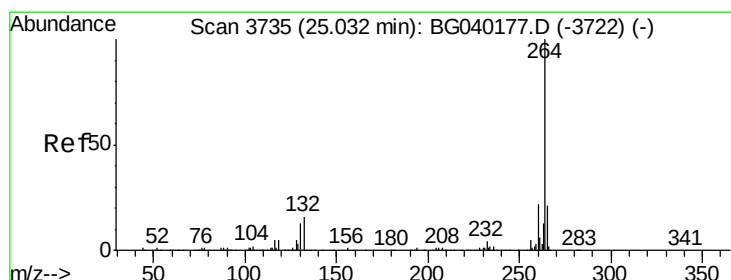
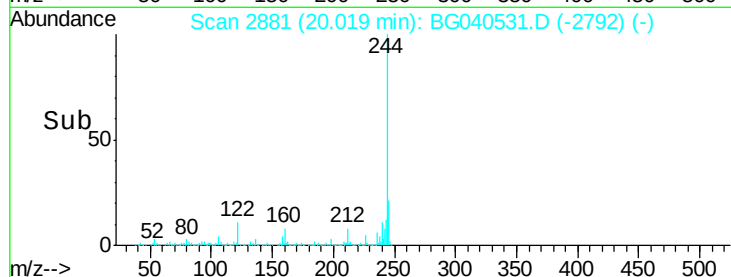
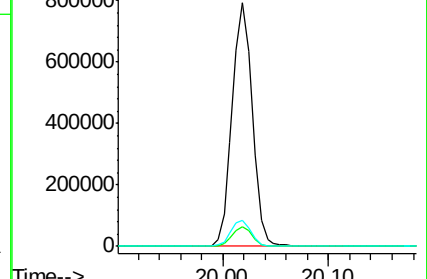
122 10.8 8.5 12.7



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: 24.97 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040531.D

Acq: 17 Apr 2019 15:47

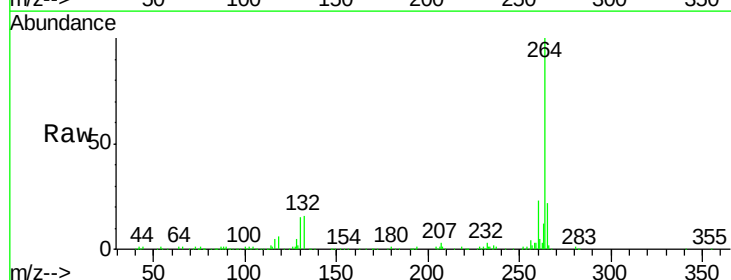
Tgt Ion:264 Resp: 352264

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.9 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

