

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040262.D
 Acq On : 30 Mar 2019 15:16
 Operator : JU/SJ
 Sample : K1685-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-032819-B

Quant Time: Apr 01 02:49:02 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	8.06	152	62734	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	261061	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	175309	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	446559	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	450311	20.00	ng	-0.02
87) Perylene-d12	25.01	264	445590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	443443	117.51	ng	0.00
7) Phenol-d6	7.21	99	577691	110.77	ng	-0.01
23) Nitrobenzene-d5	9.23	82	416696	84.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	247275	130.51	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	993177	83.95	ng	-0.01
79) Terphenyl-d14	20.04	244	1589204	79.39	ng	-0.01

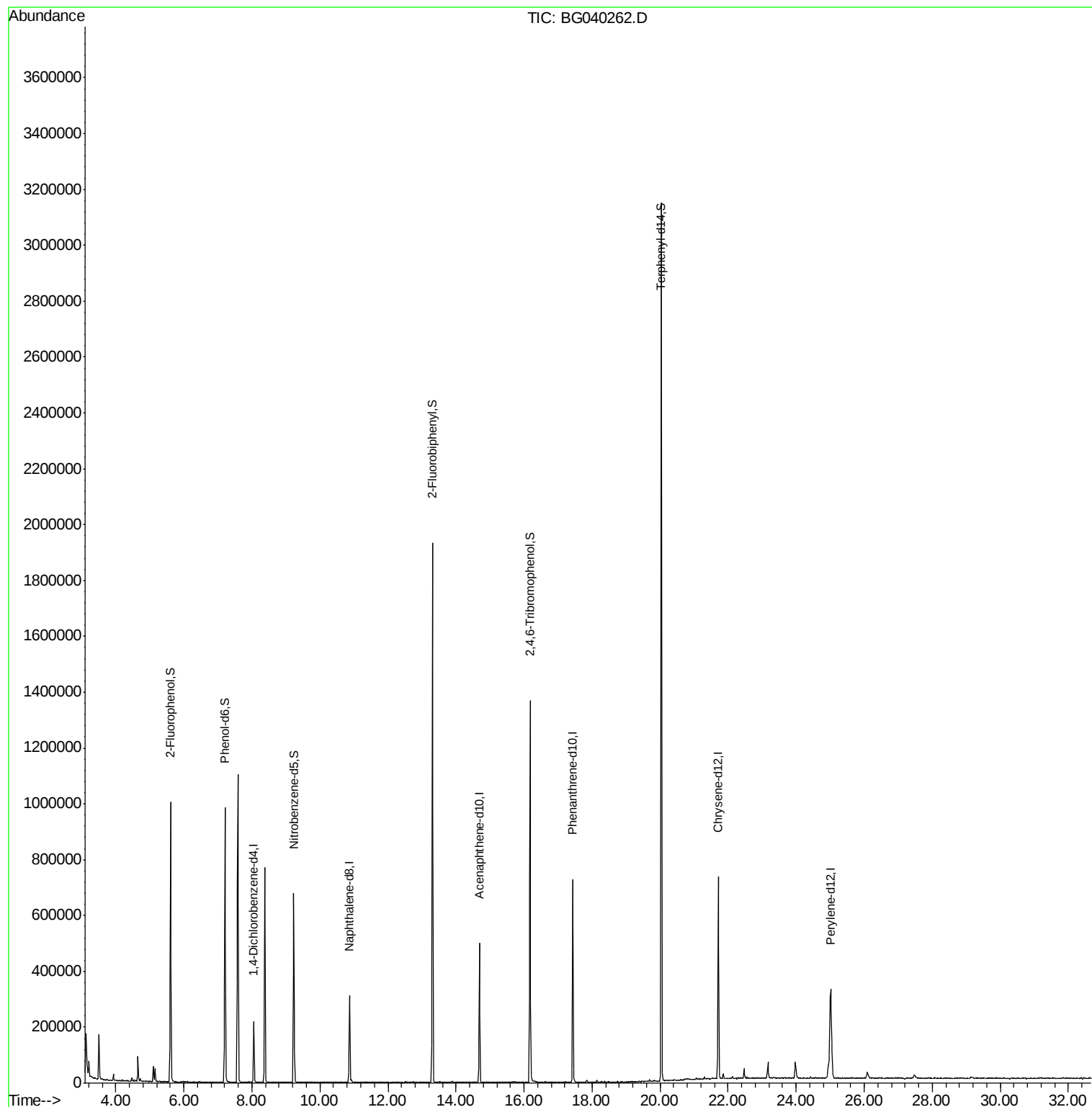
Target Compounds	Qvalue
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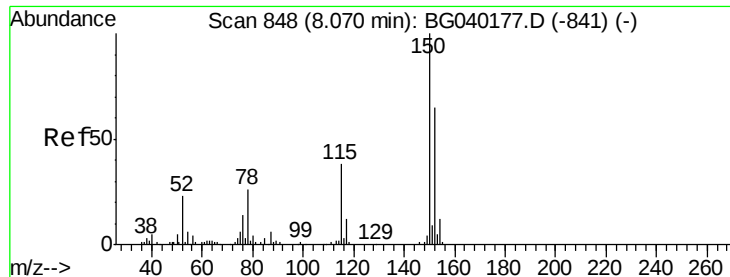
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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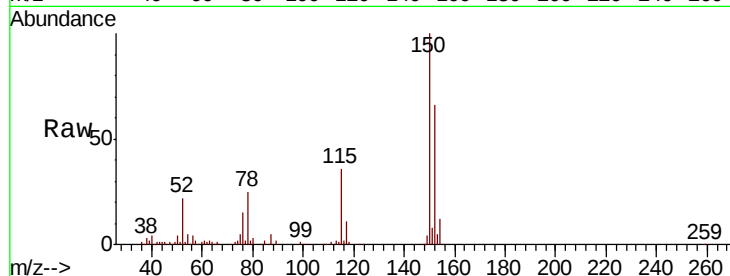


#1

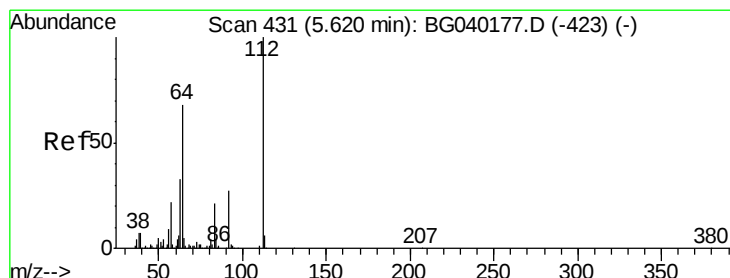
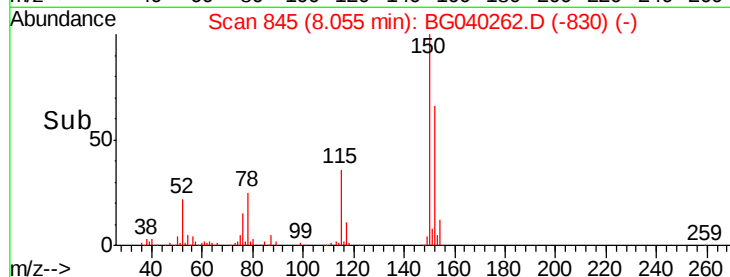
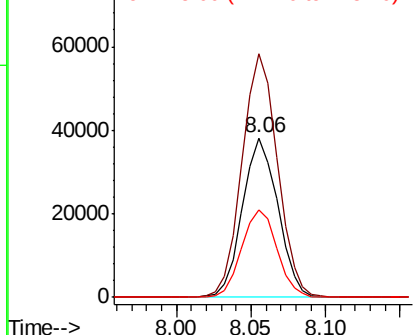
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG040262.D
 Acq: 30 Mar 2019 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-032819-B

Tgt Ion:152 Resp: 62734
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.7 185.5
 115 54.6 46.9 70.3



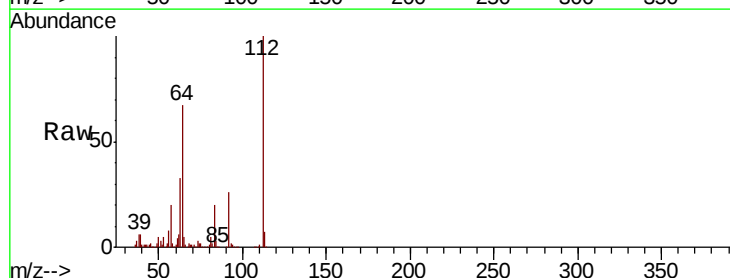
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



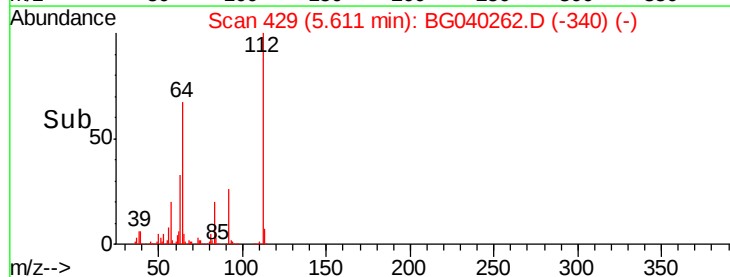
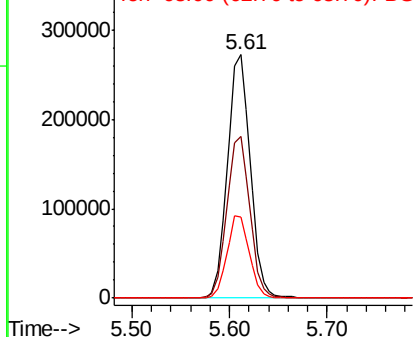
#5

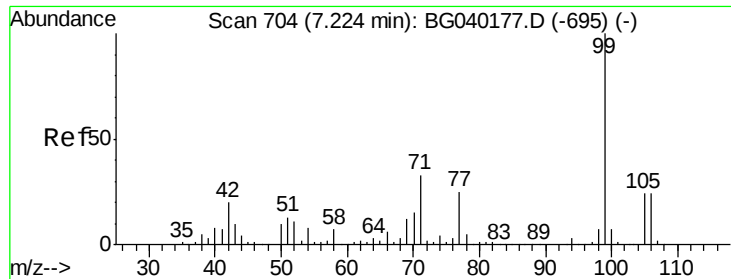
2-Fluorophenol
 Concen: 117.510 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BG040262.D
 Acq: 30 Mar 2019 15:16

Tgt Ion:112 Resp: 443443
 Ion Ratio Lower Upper
 112 100
 64 66.6 54.2 81.2
 63 33.2 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: 110.769 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040262.D

Acq: 30 Mar 2019 15:16

Instrument :

BNA_G

ClientSampleId :

AU-06-032819-B

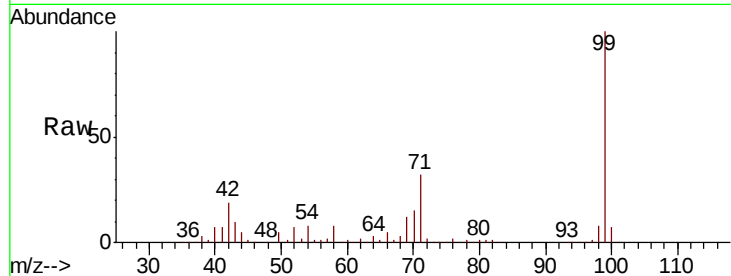
Tgt Ion: 99 Resp: 577691

Ion Ratio Lower Upper

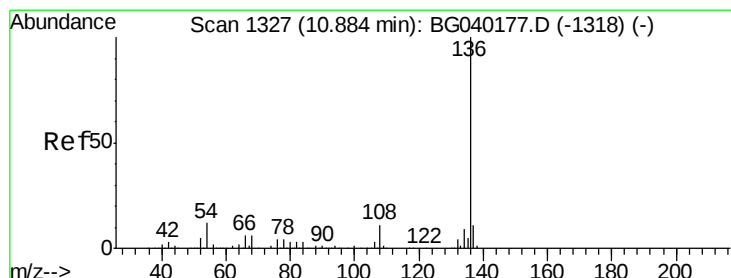
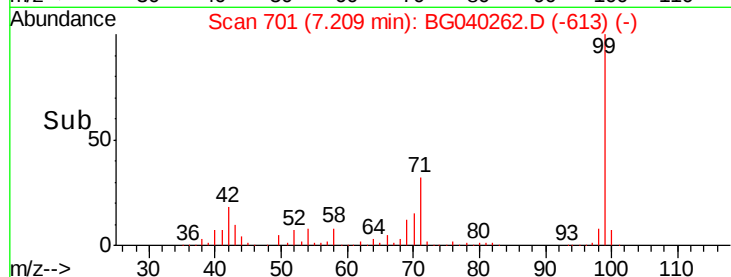
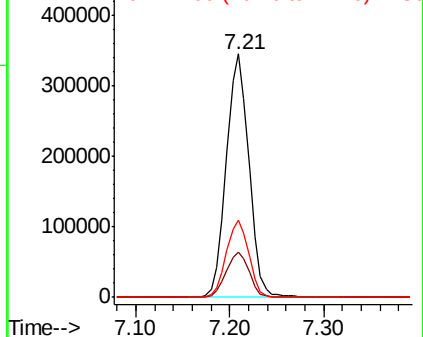
99 100

42 18.5 16.2 24.2

71 31.8 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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG040262.D

Acq: 30 Mar 2019 15:16

Tgt Ion: 136 Resp: 261061

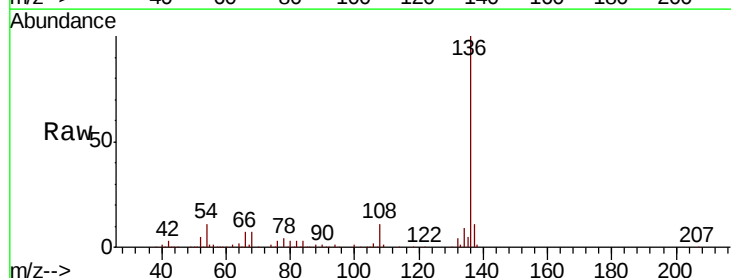
Ion Ratio Lower Upper

136 100

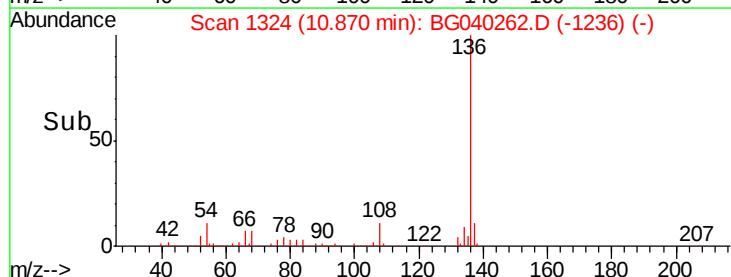
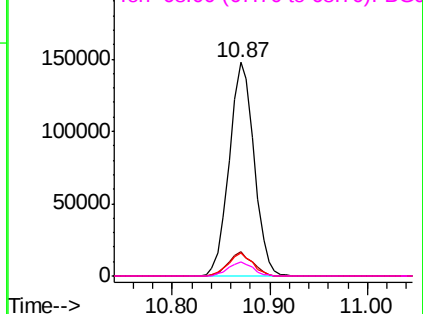
137 11.1 8.9 13.3

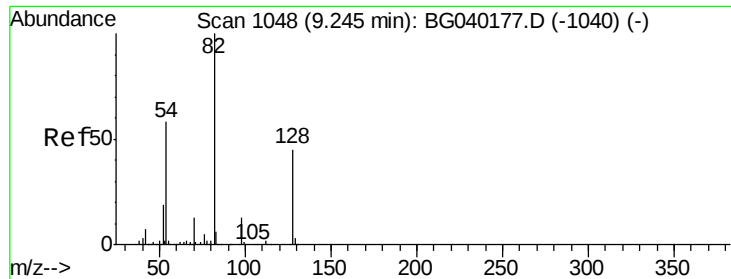
54 10.7 9.6 14.4

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

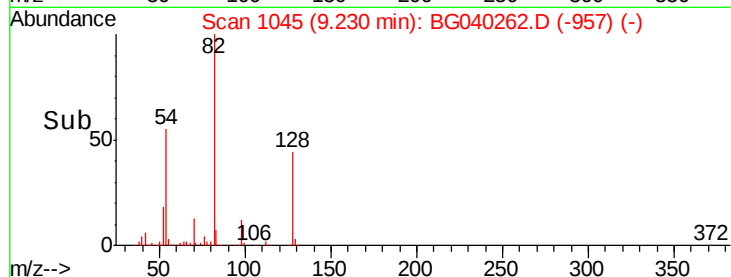
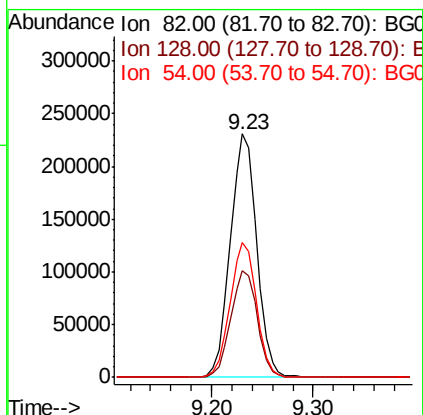
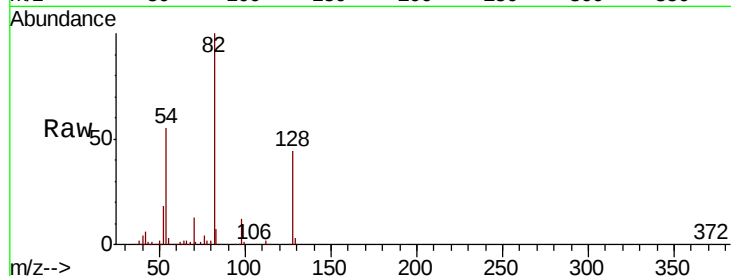




#23
Nitrobenzene-d5
Concen: 84.842 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040262.D
Acq: 30 Mar 2019 15:16

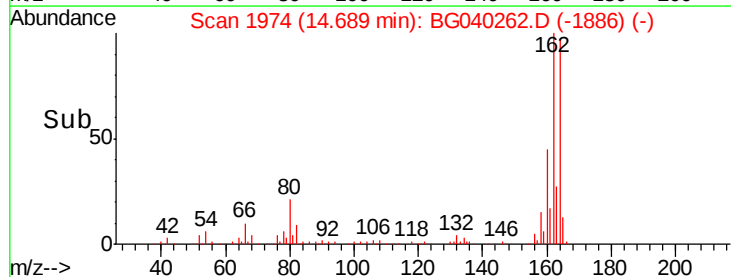
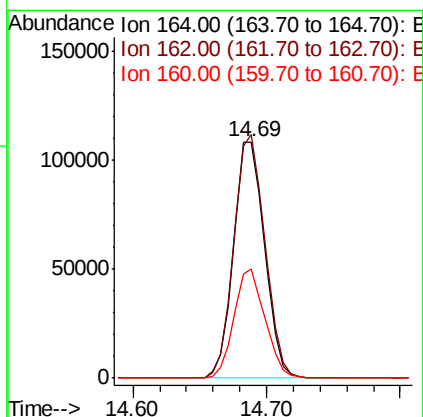
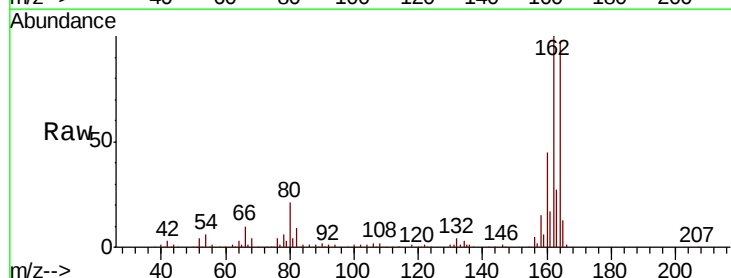
Instrument :
BNA_G
ClientSampleId :
AU-06-032819-B

Tgt Ion: 82 Resp: 416696
Ion Ratio Lower Upper
82 100
128 43.7 35.8 53.8
54 55.5 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG040262.D
Acq: 30 Mar 2019 15:16

Tgt Ion: 164 Resp: 175309
Ion Ratio Lower Upper
164 100
162 103.0 77.4 116.2
160 46.3 35.3 52.9

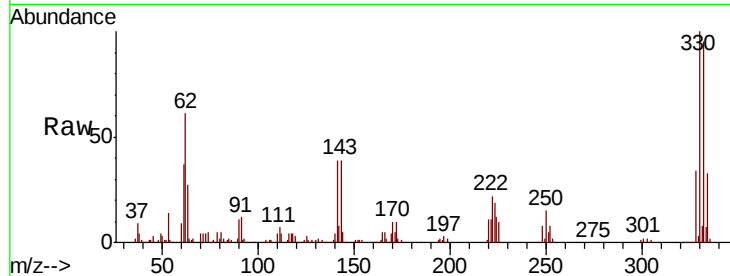




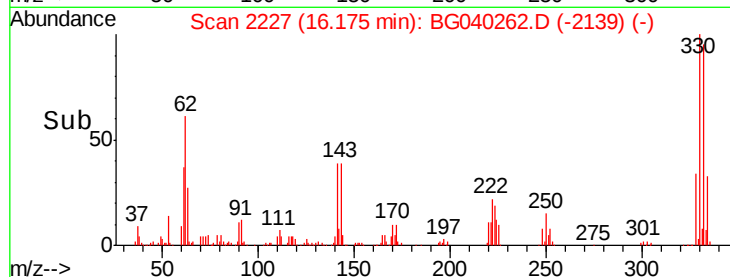
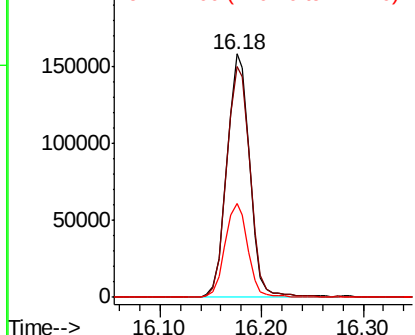
#42
 2,4,6-Tribromophenol
 Concen: 130.513 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG040262.D
 Acq: 30 Mar 2019 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-032819-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	38.4	32.6	48.8

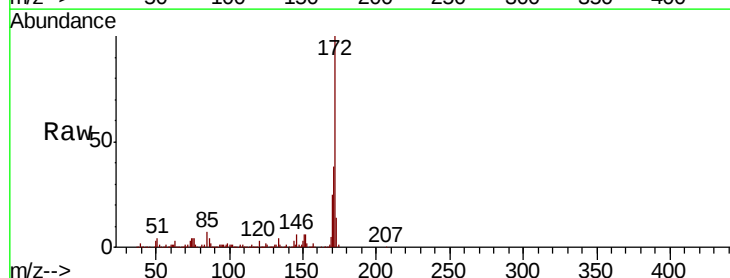


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

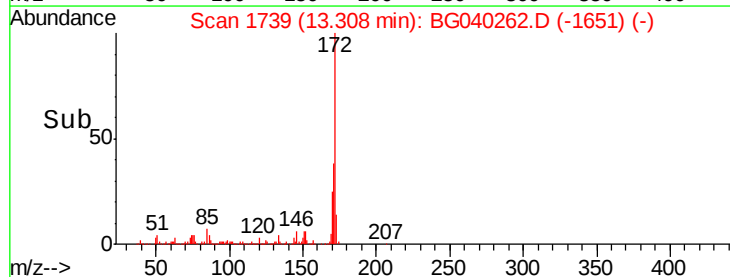
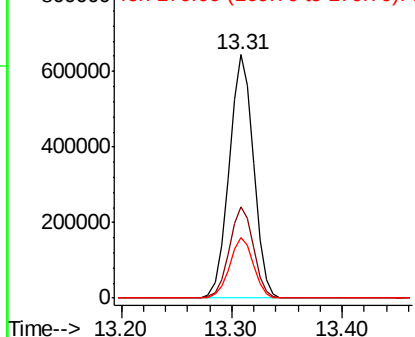


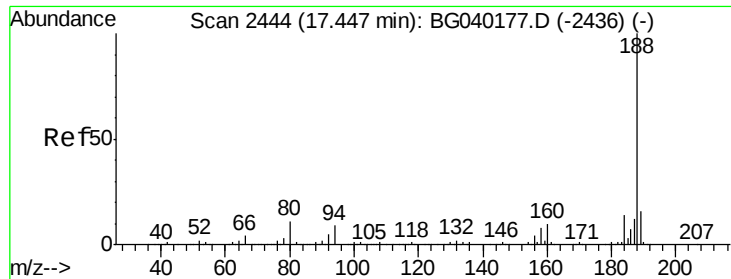
#45
 2-Fluorobiphenyl
 Concen: 83.946 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG040262.D
 Acq: 30 Mar 2019 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	24.6	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

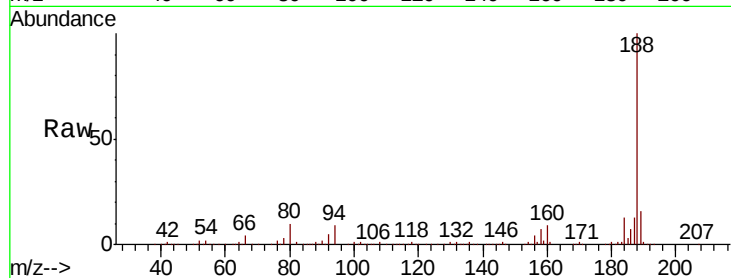




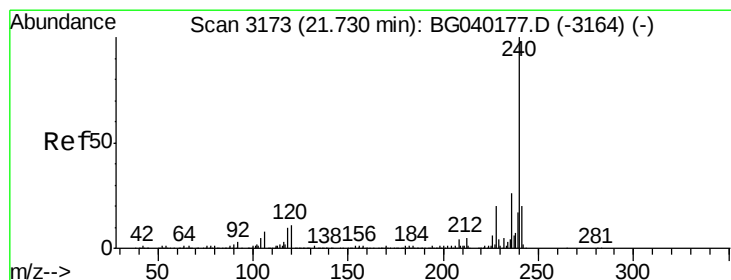
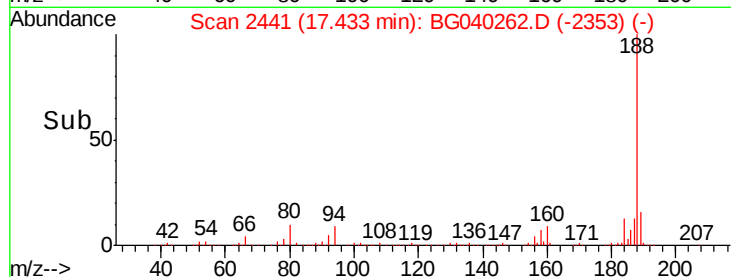
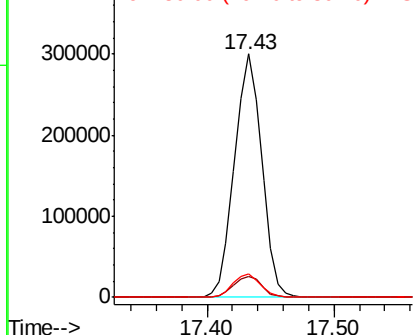
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG040262.D
Acq: 30 Mar 2019 15:16

Instrument :
BNA_G
ClientSampleId :
AU-06-032819-B

Tgt Ion:188 Resp: 446559
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.8 8.6 13.0

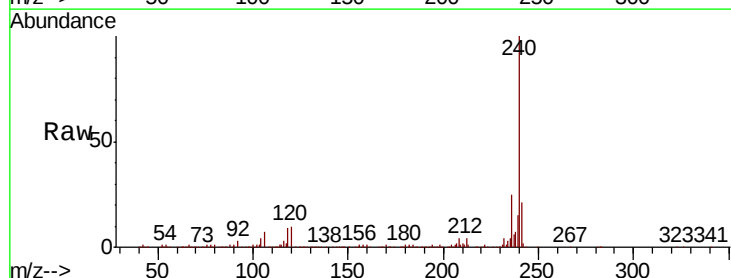


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

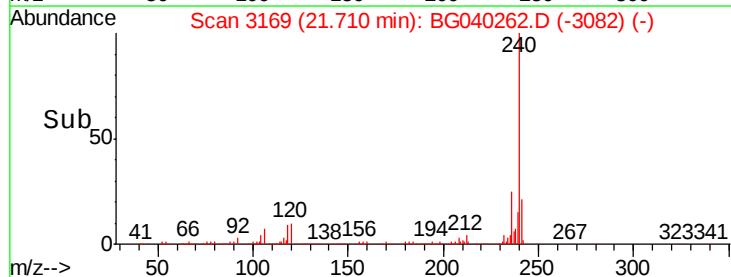
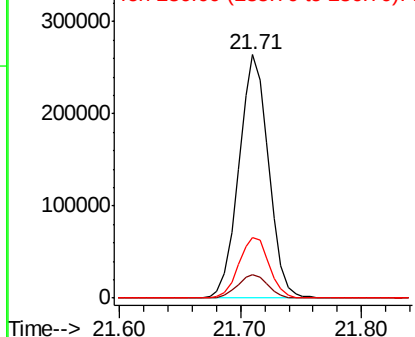


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040262.D
Acq: 30 Mar 2019 15:16

Tgt Ion:240 Resp: 450311
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.1 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: 79.393 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG040262.D

Acq: 30 Mar 2019 15:16

Instrument :

BNA_G

ClientSampleId :

AU-06-032819-B

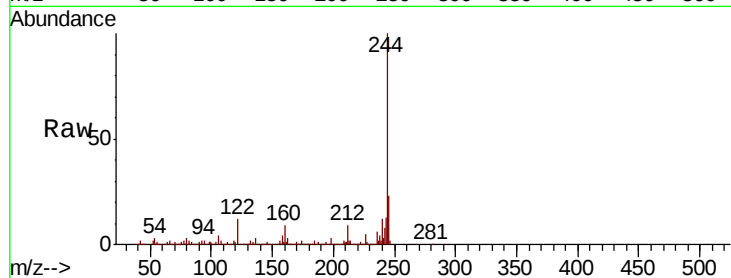
Tgt Ion:244 Resp: 1589204

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

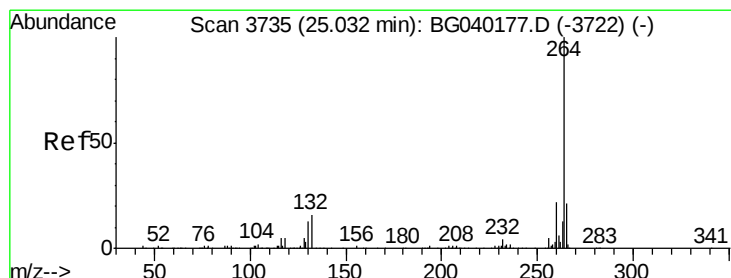
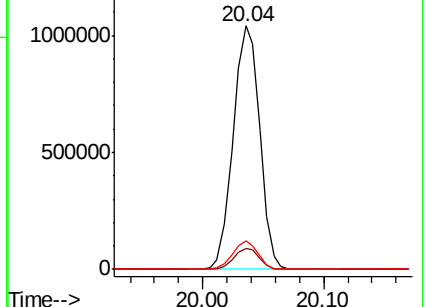
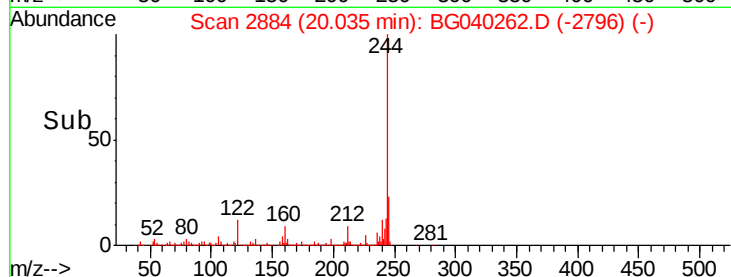
122 11.8 8.5 12.7



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: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040262.D

Acq: 30 Mar 2019 15:16

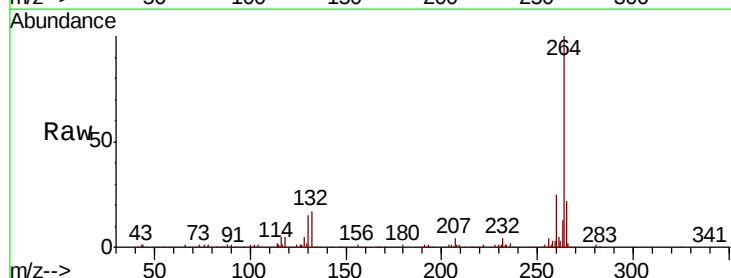
Tgt Ion:264 Resp: 445590

Ion Ratio Lower Upper

264 100

260 25.3 17.9 26.9

265 21.7 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

