

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
 Data File : BG040315.D
 Acq On : 3 Apr 2019 3:24
 Operator : JU/SJ
 Sample : K2182-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8B(2-10)COMP

Quant Time: Apr 03 04:50:02 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	8.05	152	58056	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	231585	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	161597	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	414407	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	409020	20.00	ng	-0.02
87) Perylene-d12	25.01	264	415845	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	419308	120.07	ng	-0.01
7) Phenol-d6	7.21	99	544077	112.73	ng	-0.02
23) Nitrobenzene-d5	9.23	82	388229	89.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	186878	107.00	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	893746	81.95	ng	-0.02
79) Terphenyl-d14	20.03	244	1562231	85.92	ng	-0.02

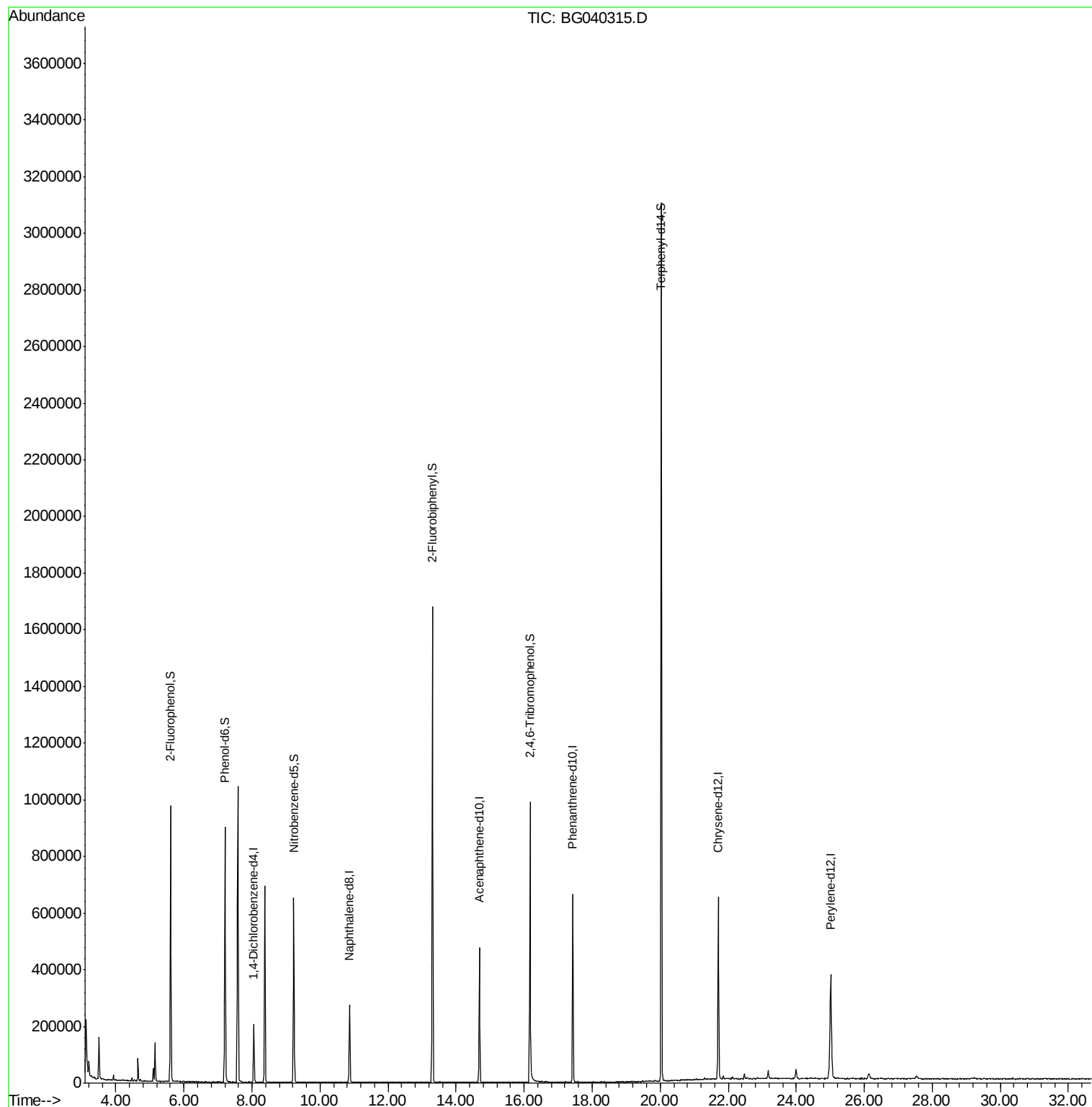
Target Compounds	Qvalue
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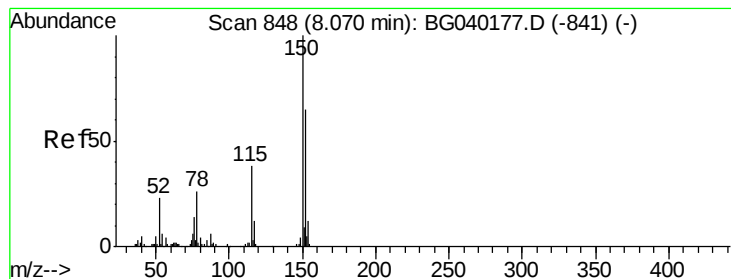
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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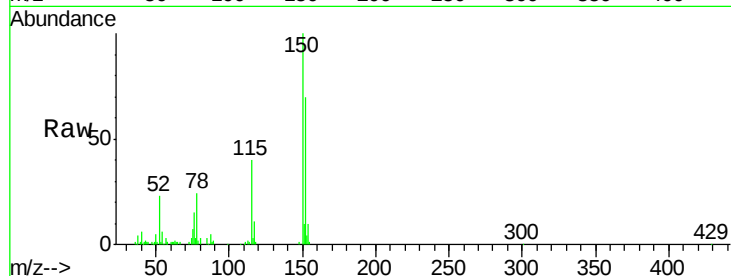


#1

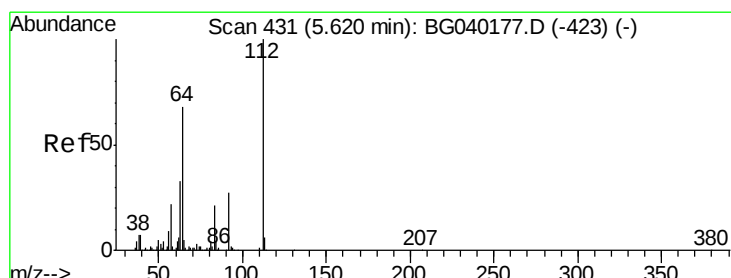
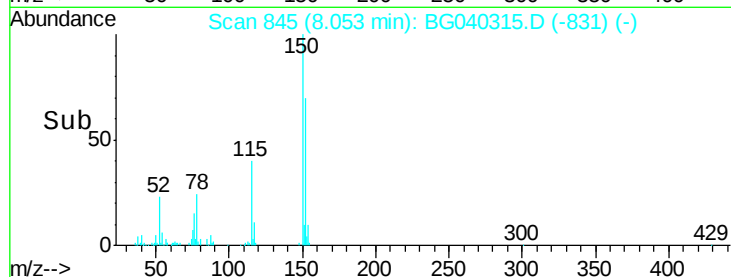
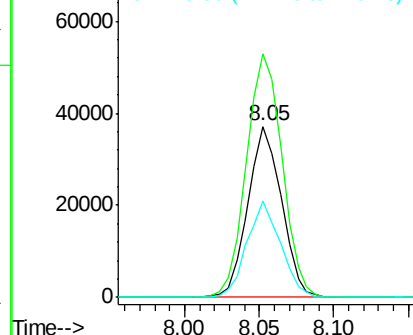
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BG040315.D
 Acq: 3 Apr 2019 3:24

Instrument :
 BNA_G
 ClientSampleId :
 S8B(2-10)COMP

Tgt Ion:152 Resp: 58056
 Ion Ratio Lower Upper
 152 100
 150 142.6 123.7 185.5
 115 56.6 46.9 70.3



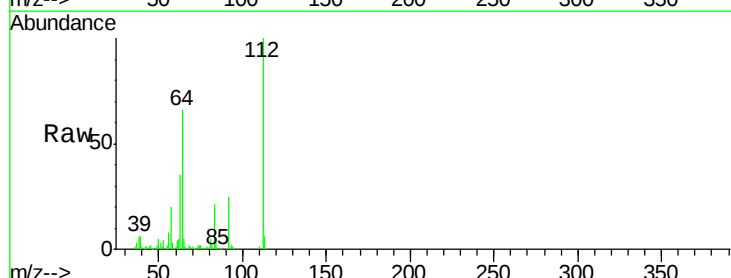
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



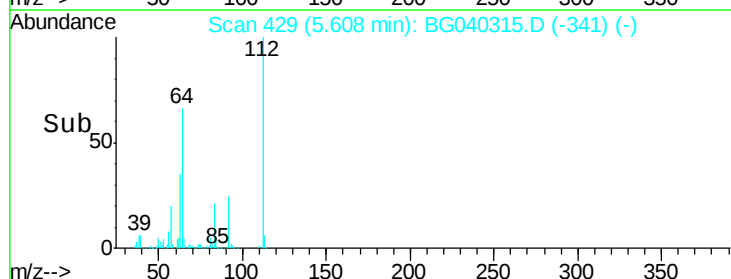
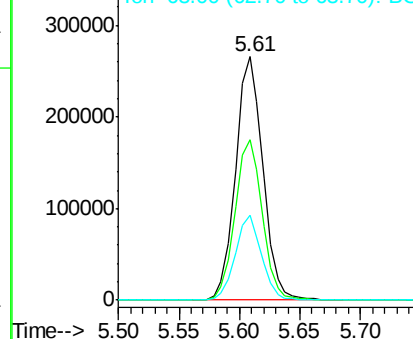
#5

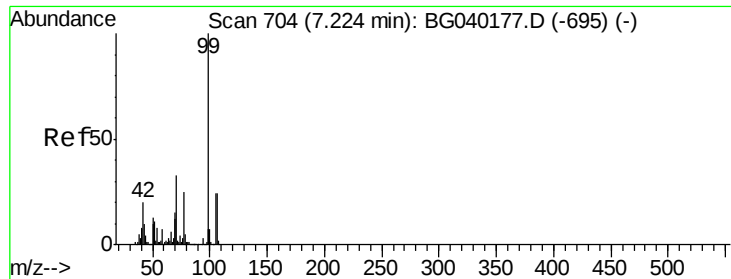
2-Fluorophenol
 Concen: 120.067 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BG040315.D
 Acq: 3 Apr 2019 3:24

Tgt Ion:112 Resp: 419308
 Ion Ratio Lower Upper
 112 100
 64 66.0 54.2 81.2
 63 35.1 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.730 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040315.D

Acq: 3 Apr 2019 3:24

Instrument :

BNA_G

ClientSampleId :

S8B(2-10)COMP

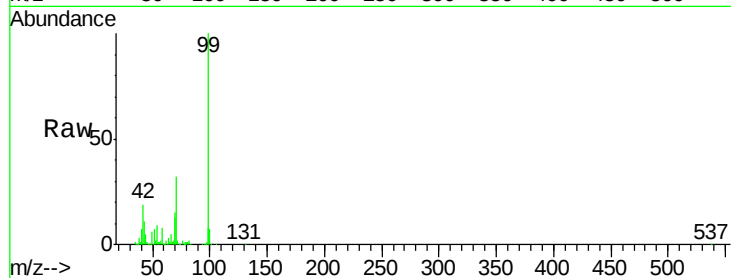
Tgt Ion: 99 Resp: 544077

Ion Ratio Lower Upper

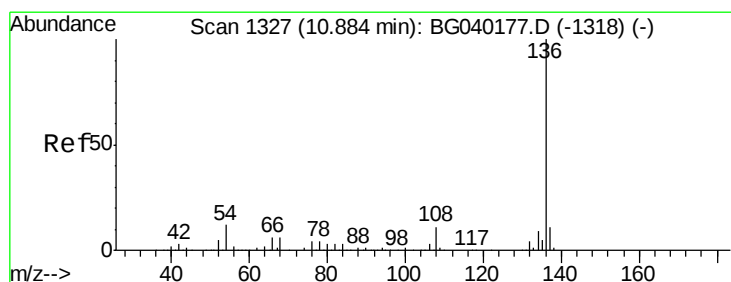
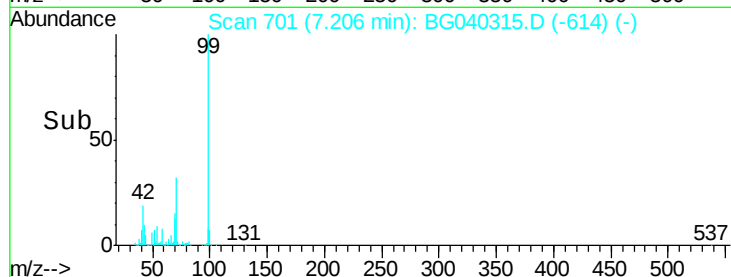
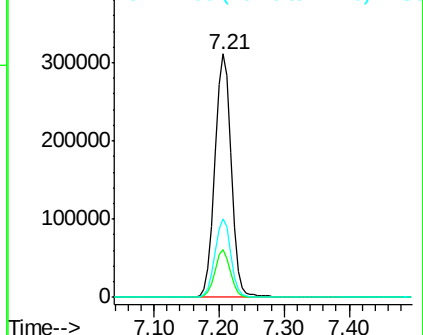
99 100

42 19.5 16.2 24.2

71 32.2 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. -0.02 min

Lab File: BG040315.D

Acq: 3 Apr 2019 3:24

Tgt Ion: 136 Resp: 231585

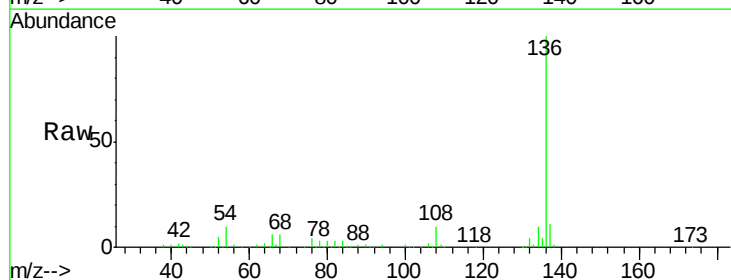
Ion Ratio Lower Upper

136 100

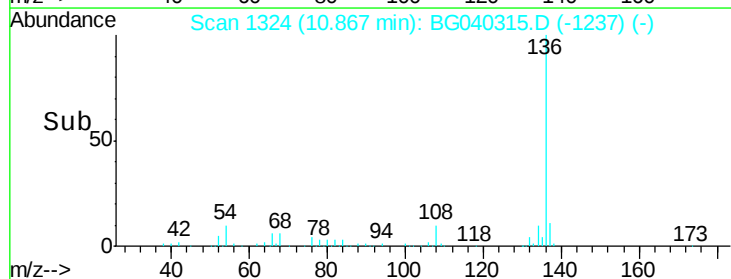
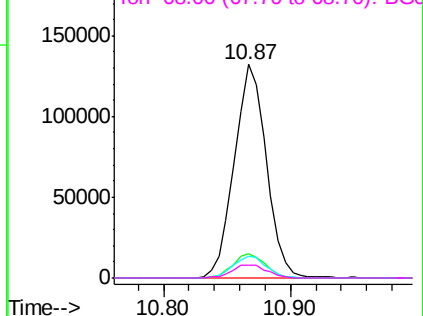
137 11.4 8.9 13.3

54 10.0 9.6 14.4

68 5.8 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

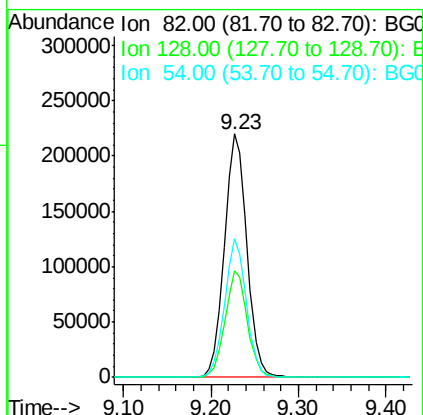
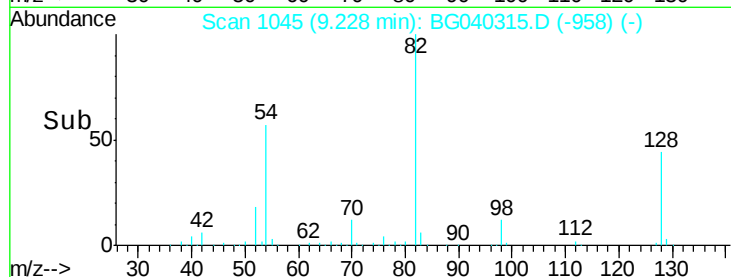
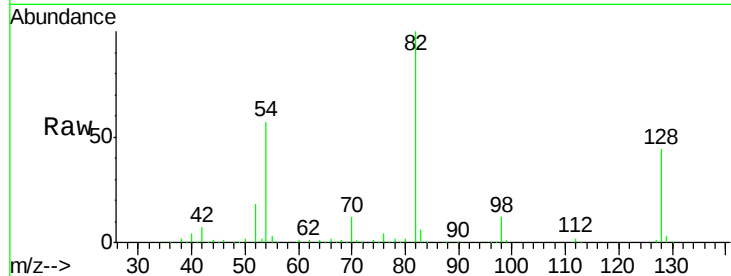




#23
Nitrobenzene-d5
Concen: 89.106 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040315.D
Acq: 3 Apr 2019 3:24

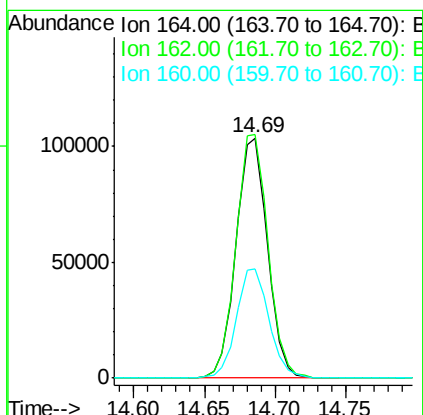
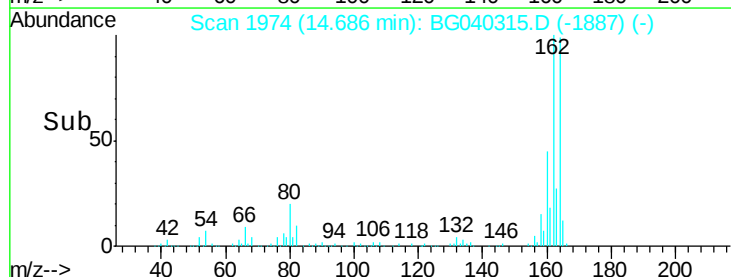
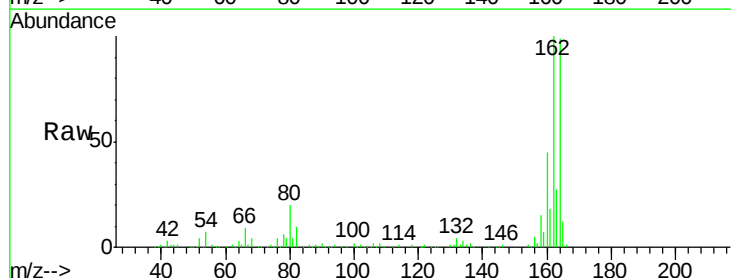
Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion: 82 Resp: 388229
Ion Ratio Lower Upper
82 100
128 43.7 35.8 53.8
54 56.7 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040315.D
Acq: 3 Apr 2019 3:24

Tgt Ion: 164 Resp: 161597
Ion Ratio Lower Upper
164 100
162 101.3 77.4 116.2
160 45.4 35.3 52.9

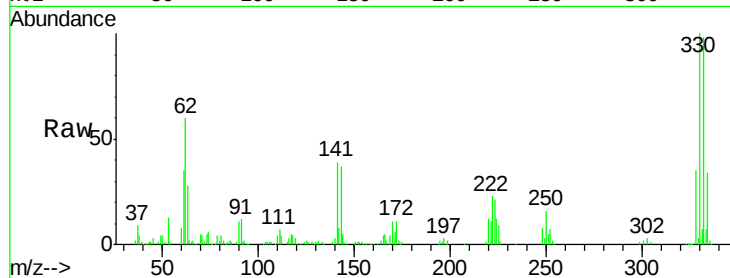




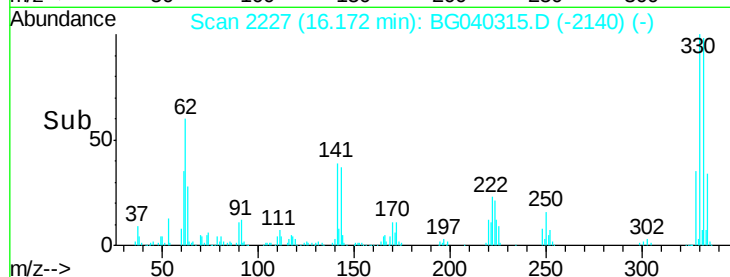
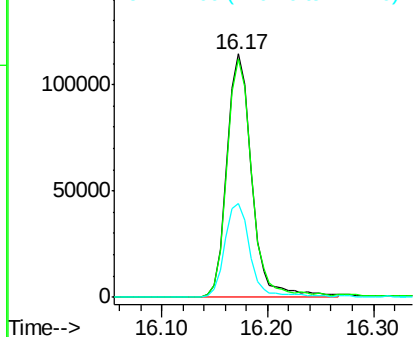
#42
 2,4,6-Tribromophenol
 Concen: 107.005 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040315.D
 Acq: 3 Apr 2019 3:24

Instrument :
 BNA_G
 ClientSampleId :
 S8B(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	39.5	32.6	48.8

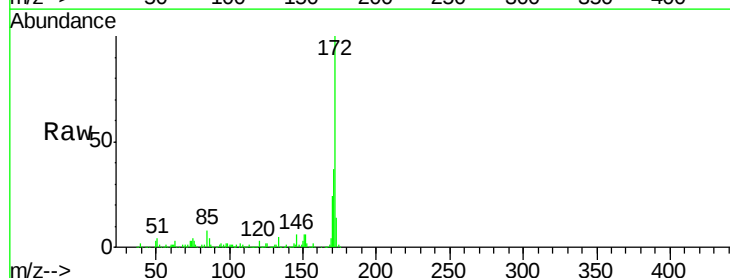


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

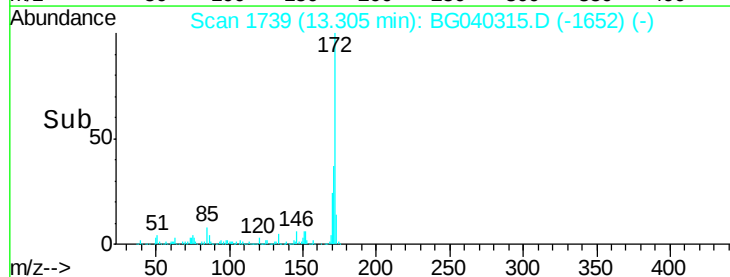
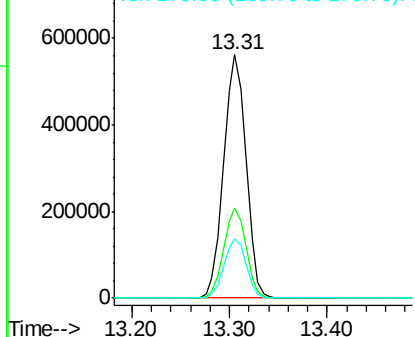


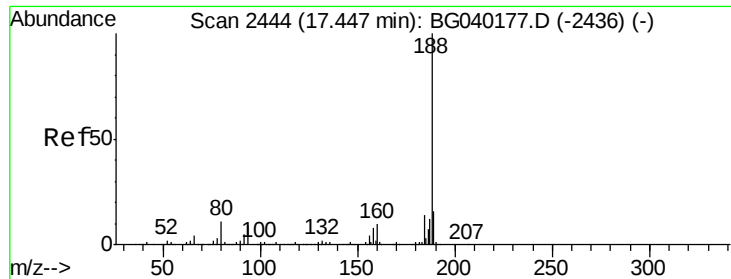
#45
 2-Fluorobiphenyl
 Concen: 81.952 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040315.D
 Acq: 3 Apr 2019 3:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.4	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. -0.02 min

Lab File: BG040315.D

Acq: 3 Apr 2019 3:24

Instrument :

BNA_G

ClientSampleId :

S8B(2-10)COMP

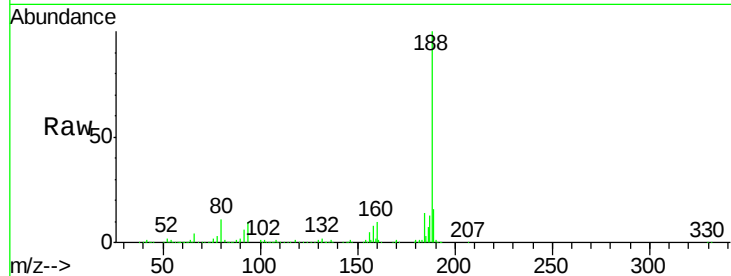
Tgt Ion:188 Resp: 414407

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

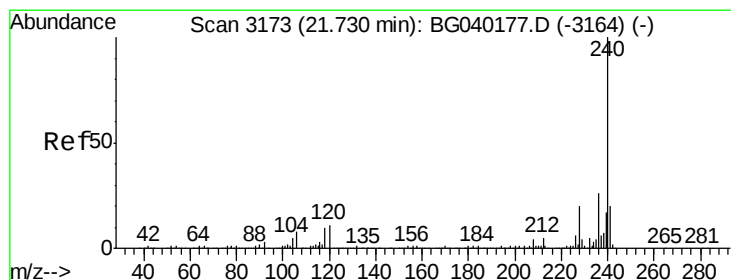
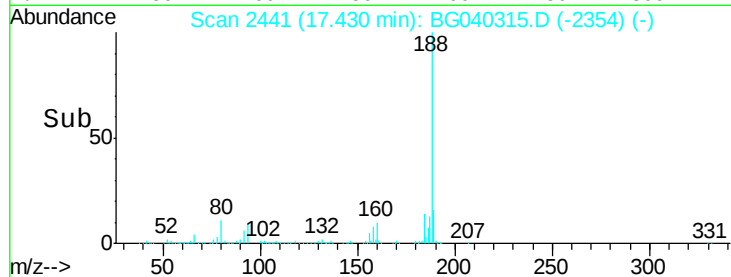
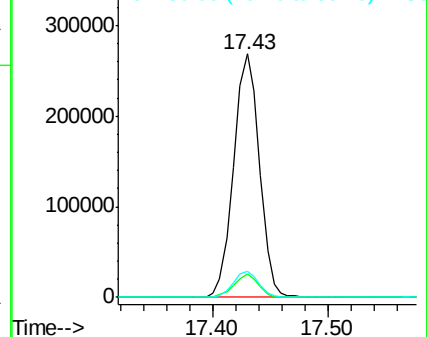
80 10.7 8.6 13.0



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: BG040315.D

Acq: 3 Apr 2019 3:24

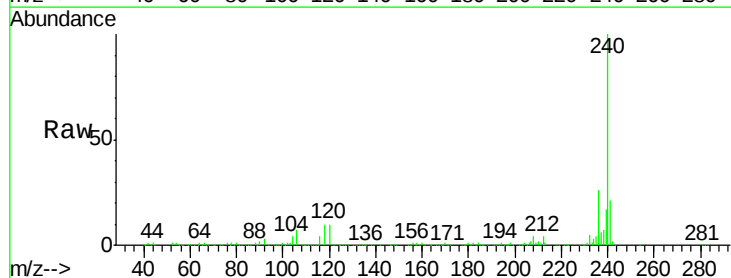
Tgt Ion:240 Resp: 409020

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

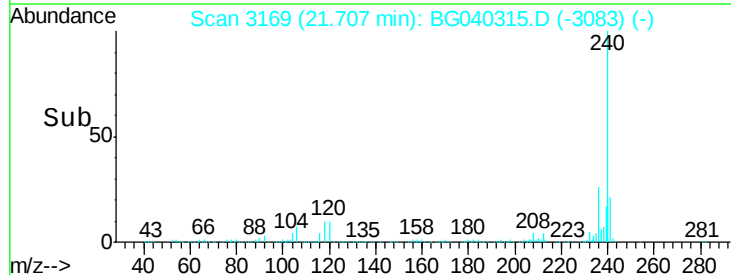
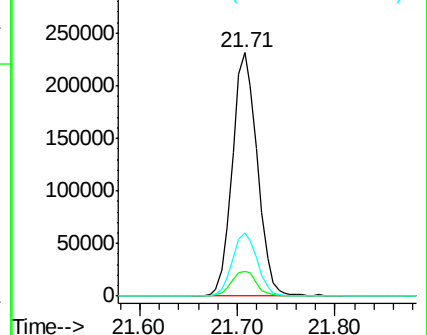
236 25.7 20.8 31.2



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: 85.924 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040315.D

Acq: 3 Apr 2019 3:24

Instrument :

BNA_G

ClientSampleId :

S8B(2-10)COMP

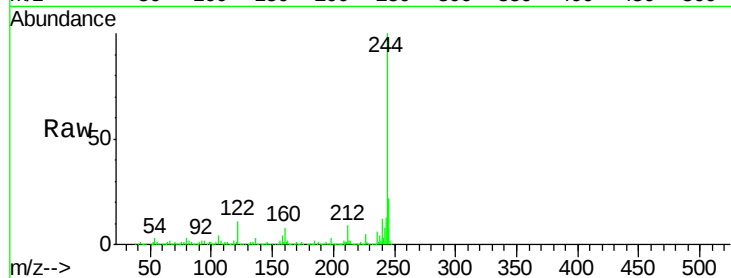
Tgt Ion:244 Resp: 1562231

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

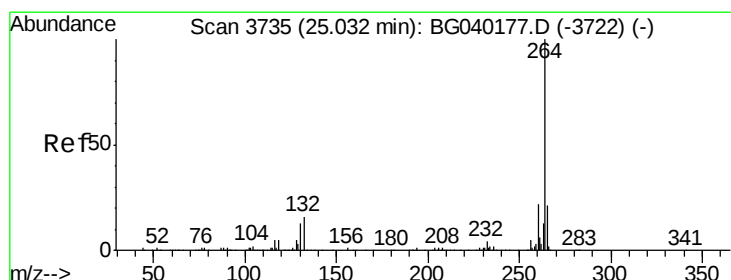
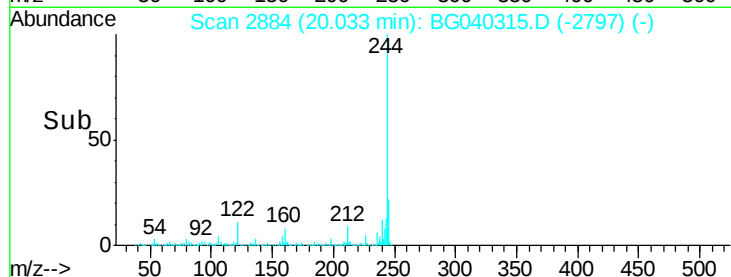
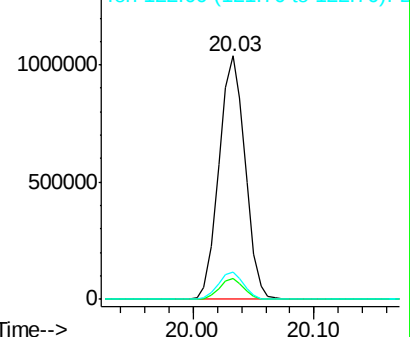
122 11.0 8.5 12.7



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# 3732

Delta R.T. -0.02 min

Lab File: BG040315.D

Acq: 3 Apr 2019 3:24

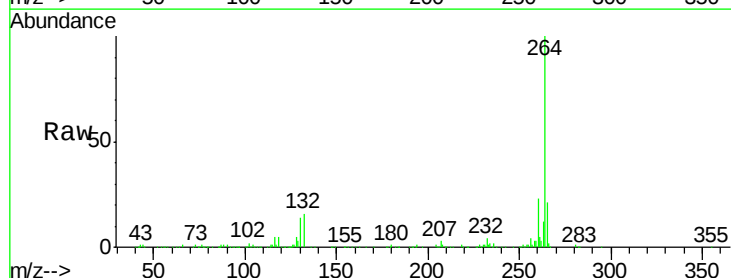
Tgt Ion:264 Resp: 415845

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 20.6 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

