

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040223.D
 Acq On : 29 Mar 2019 7:02
 Operator : JU/SJ
 Sample : K2107-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Mar 29 08:21:54 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	56602	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	233805	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	144574	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	364234	20.00	ng	0.00
76) Chrysene-d12	21.72	240	395254	20.00	ng	0.00
87) Perylene-d12	25.02	264	383634	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	445960	130.98	ng	0.00
7) Phenol-d6	7.22	99	549853	116.85	ng	0.00
23) Nitrobenzene-d5	9.24	82	400857	91.13	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	218507	139.85	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	904118	92.66	ng	0.00
79) Terphenyl-d14	20.04	244	1475823	84.00	ng	0.00

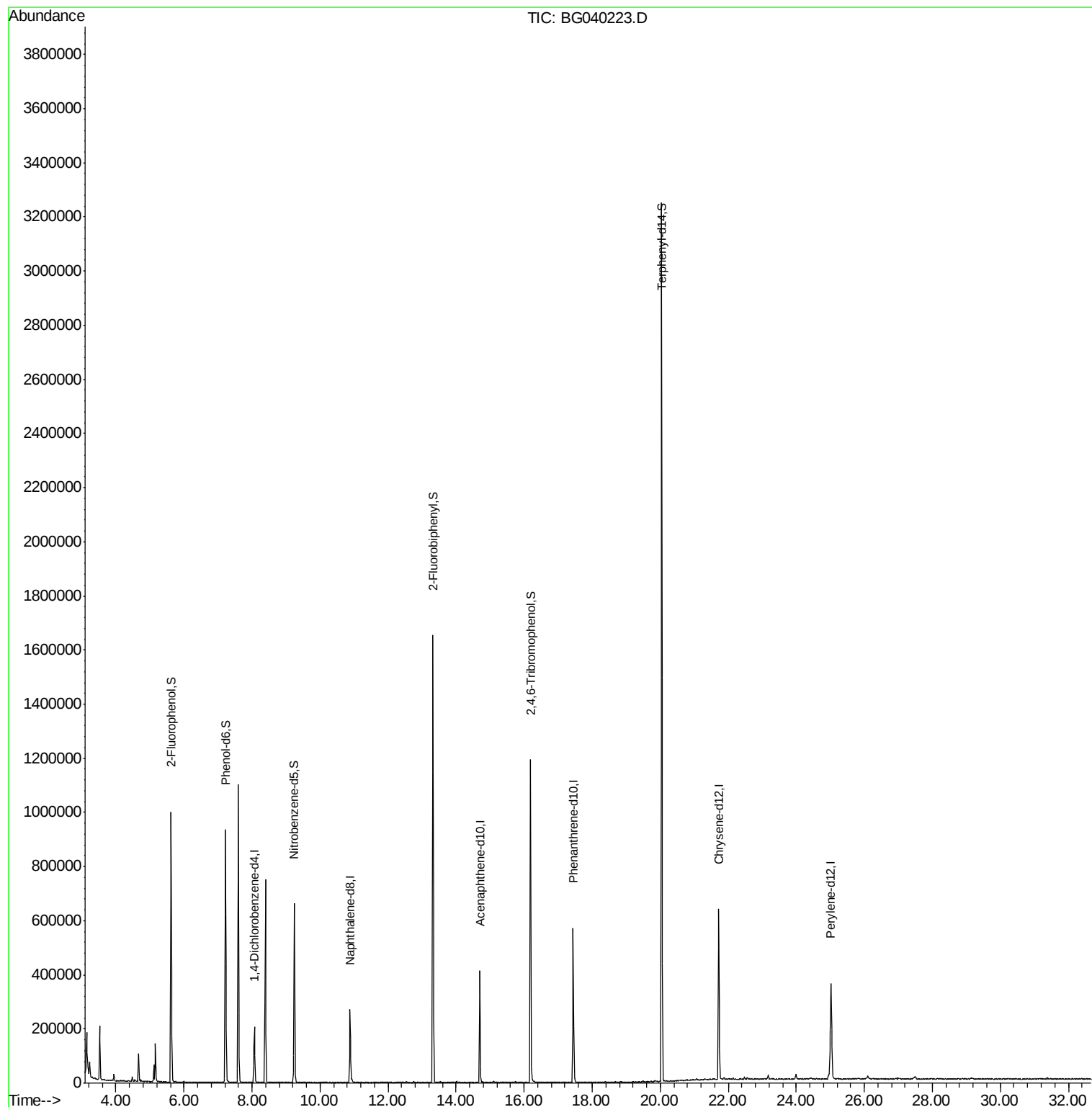
Target Compounds Qvalue

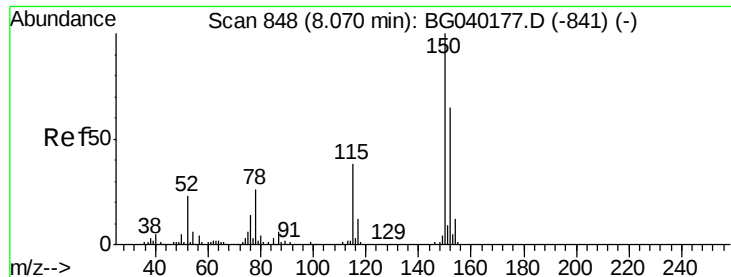
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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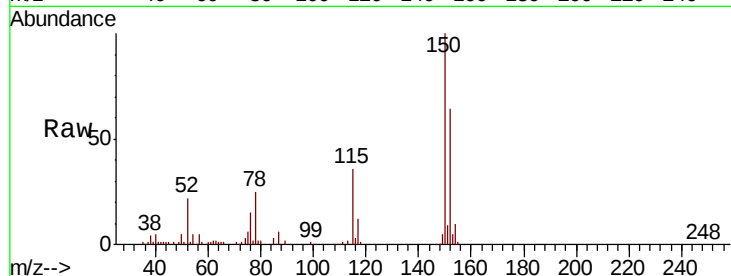


#1

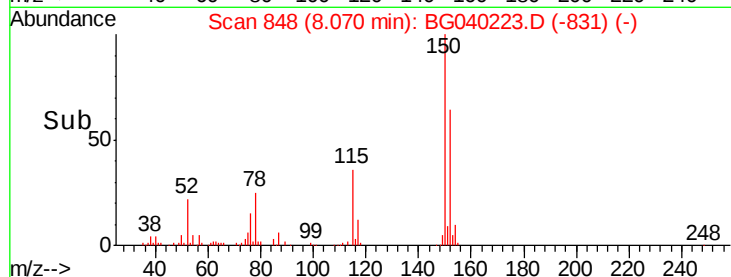
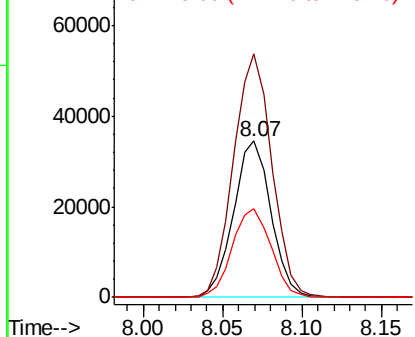
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG040223.D
Acq: 29 Mar 2019 7:02

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:152 Resp: 56602
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 56.6 46.9 70.3



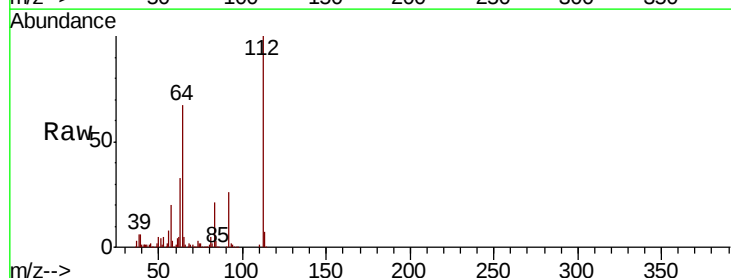
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



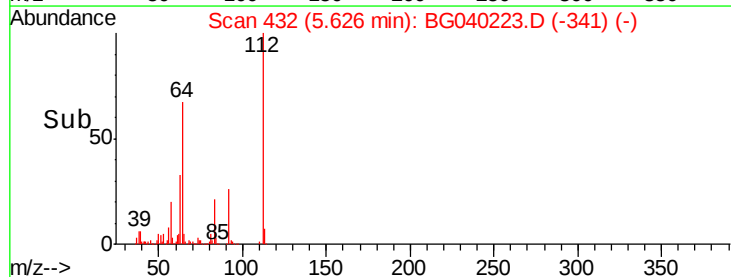
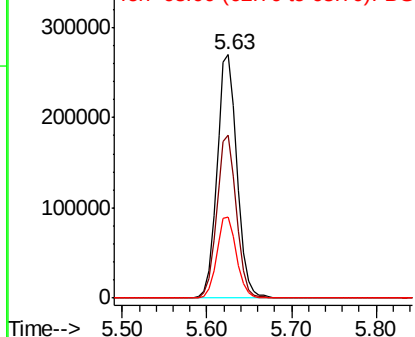
#5

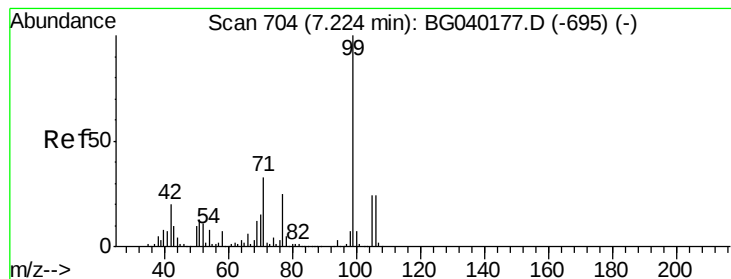
2-Fluorophenol
Concen: 130.979 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG040223.D
Acq: 29 Mar 2019 7:02

Tgt Ion:112 Resp: 445960
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.2
63 33.4 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: 116.853 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

Instrument :

BNA_G

ClientSampleId :

TP-5

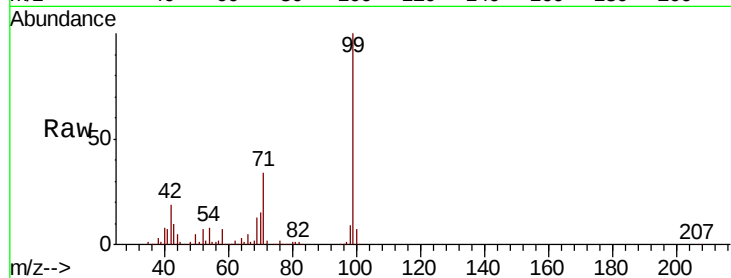
Tot Ion: 99 Resp: 549853

Ion Ratio Lower Upper

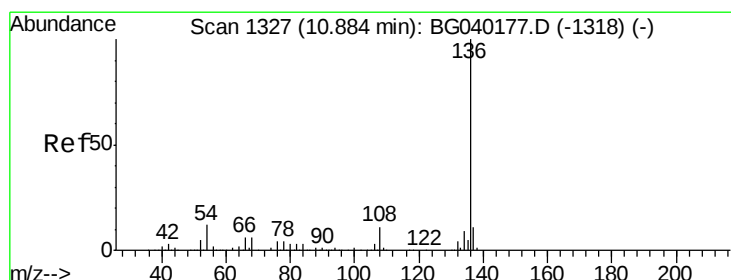
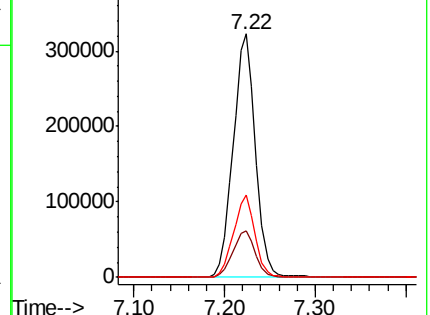
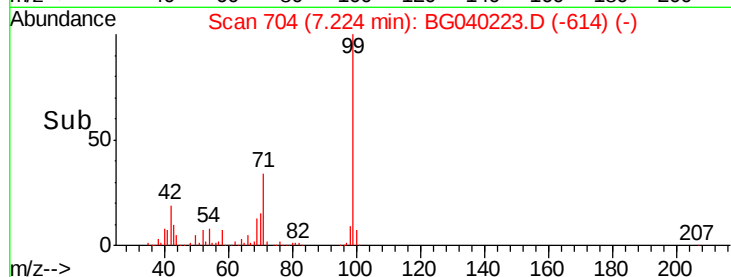
99 100

42 19.0 16.2 24.2

71 33.8 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: 10.88 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

Tgt Ion: 136 Resp: 233805

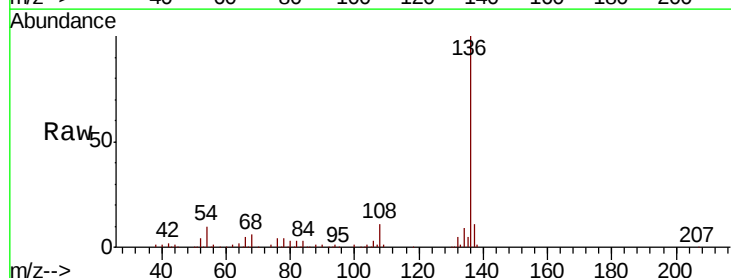
Ion Ratio Lower Upper

136 100

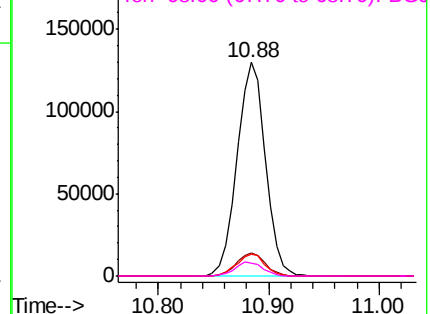
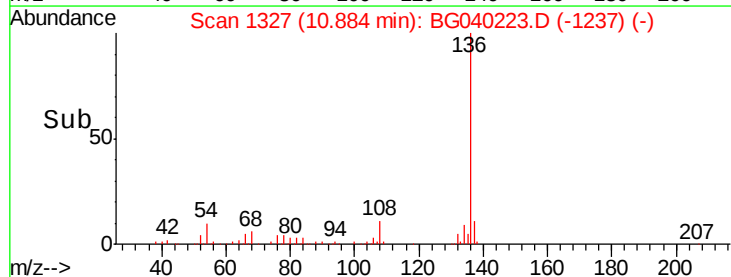
137 10.7 8.9 13.3

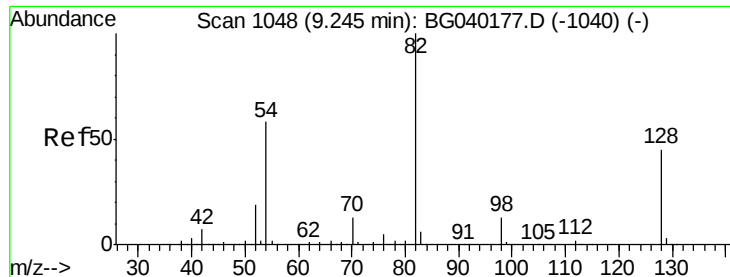
54 10.0 9.6 14.4

68 6.1 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

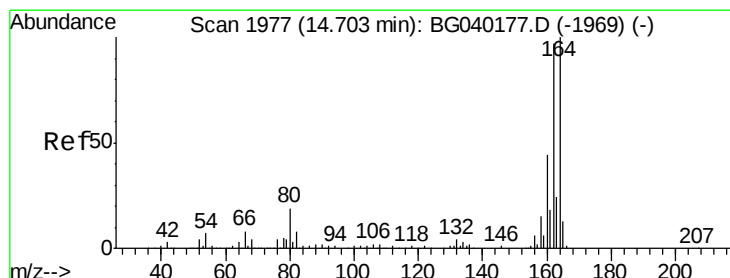
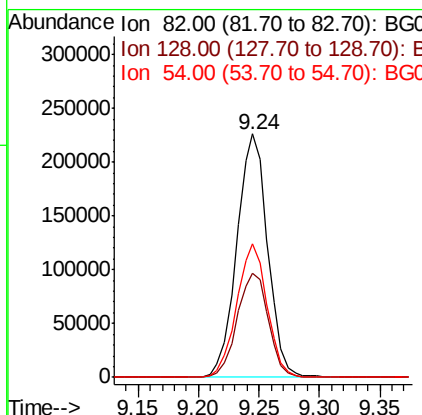
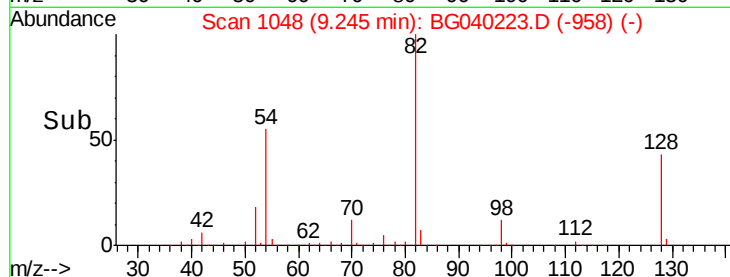
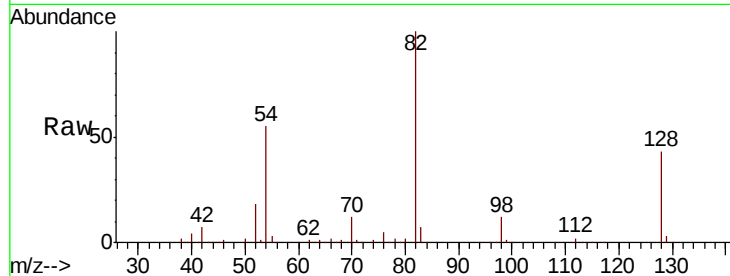




#23
Nitrobenzene-d5
Concen: 91.131 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG040223.D
Acq: 29 Mar 2019 7:02

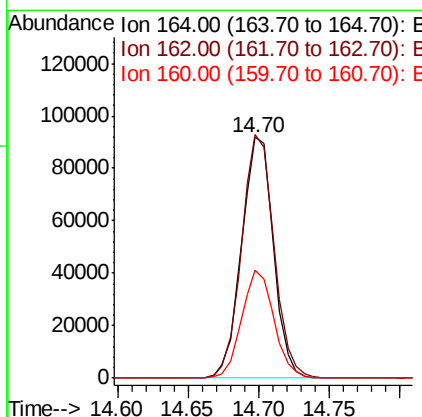
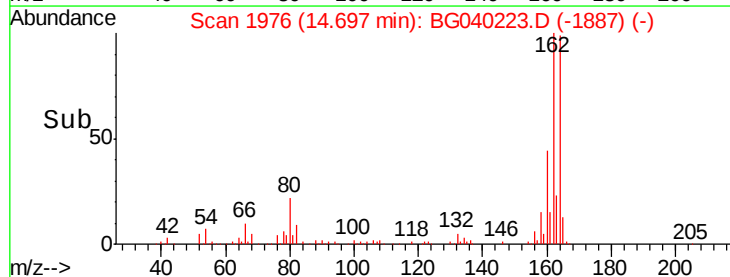
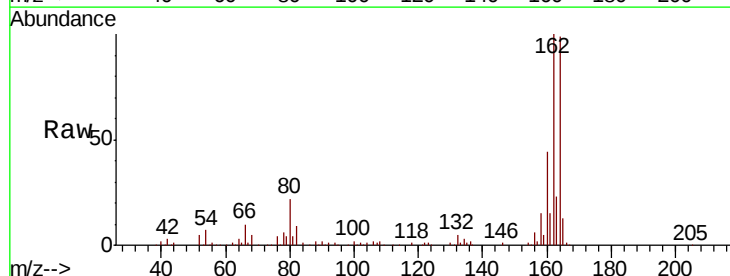
Instrument :
BNA_G
ClientSampleId :
TP-5

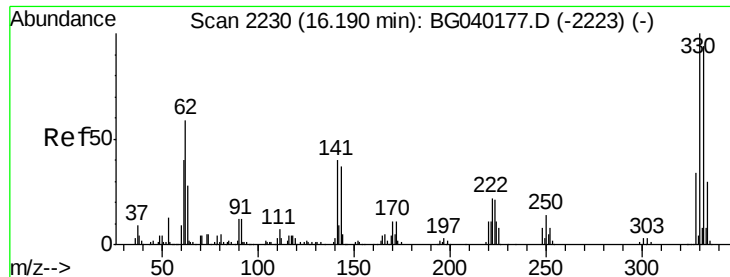
Tot Ion	82	Resp	400857
Ion Ratio	Lower	Upper	
82	100		
128	43.0	35.8	53.8
54	54.9	46.2	69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG040223.D
Acq: 29 Mar 2019 7:02

Tgt Ion	164	Resp	144574
Ion Ratio	Lower	Upper	
164	100		
162	101.0	77.4	116.2
160	45.0	35.3	52.9

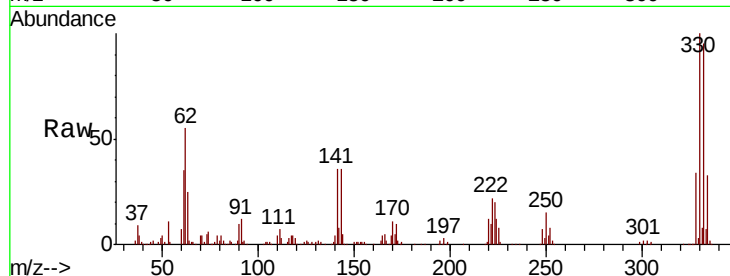




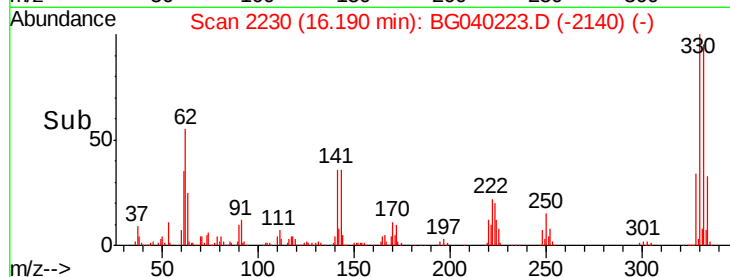
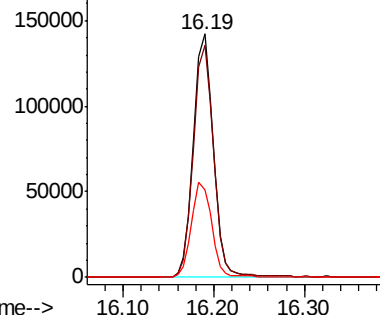
#42
 2,4,6-Tribromophenol
 Concen: 139.847 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG040223.D
 Acq: 29 Mar 2019 7:02

Instrument :
 BNA_G
 ClientSampled :
 TP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	39.2	32.6	48.8

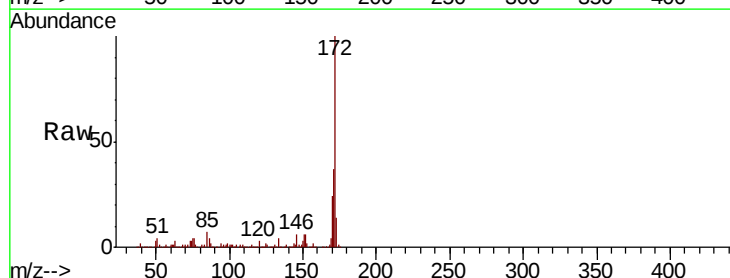


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

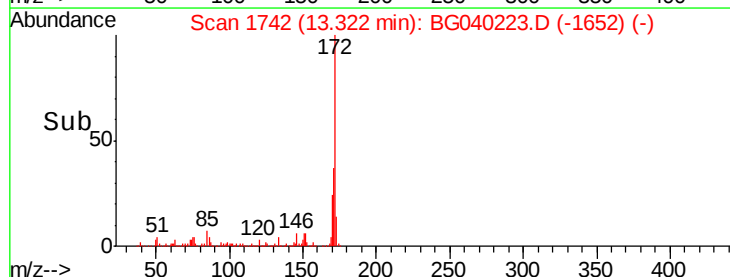
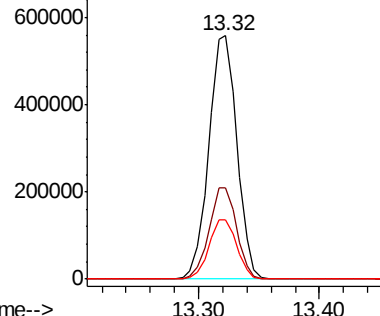


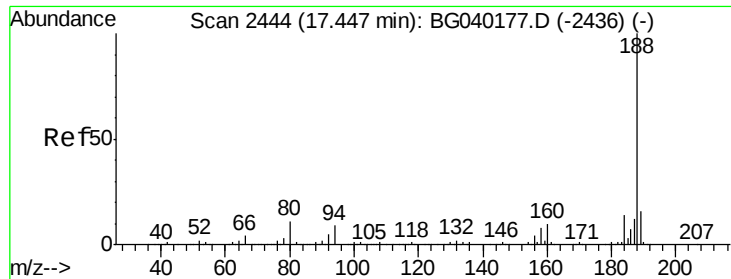
#45
 2-Fluorobiphenyl
 Concen: 92.665 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG040223.D
 Acq: 29 Mar 2019 7:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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: 17.44 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

Instrument :

BNA_G

ClientSampleId :

TP-5

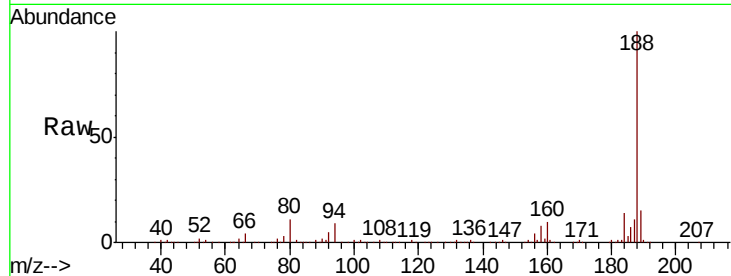
Tot Ion:188 Resp: 364234

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

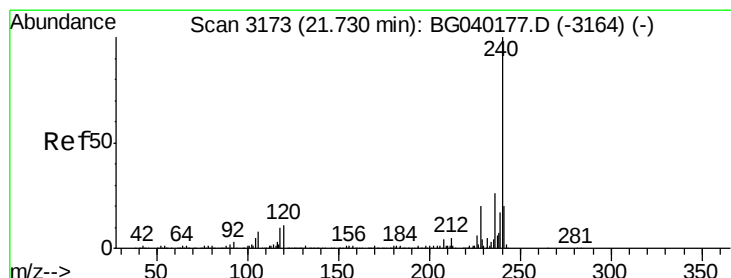
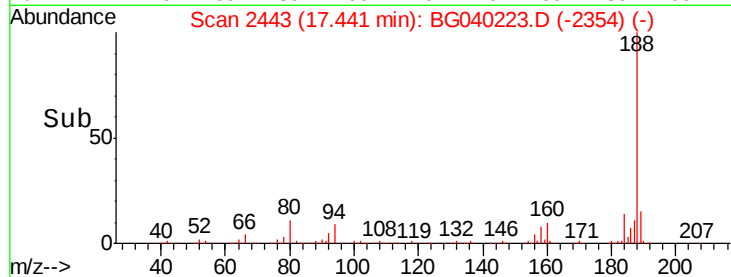
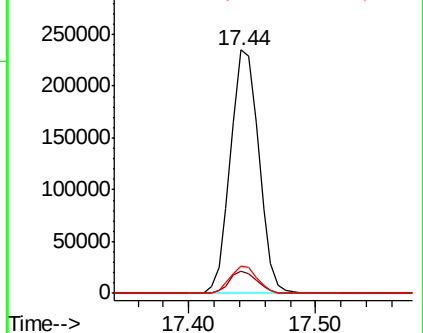
80 11.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

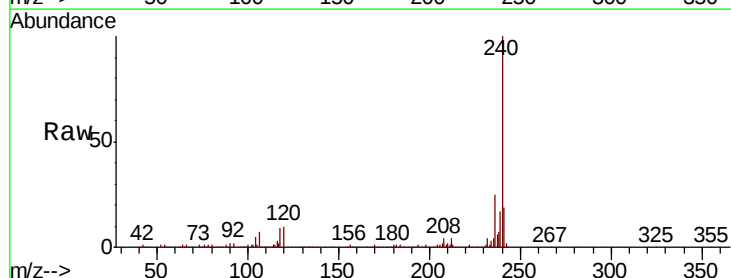
Tgt Ion:240 Resp: 395254

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

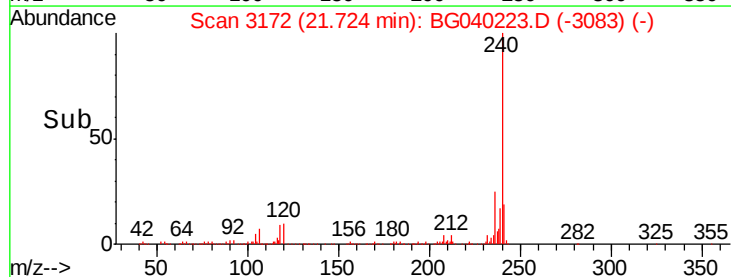
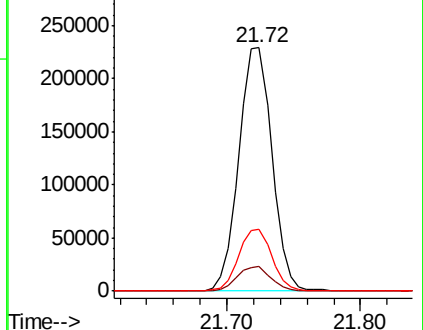
236 25.2 20.8 31.2



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: 83.999 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

Instrument :

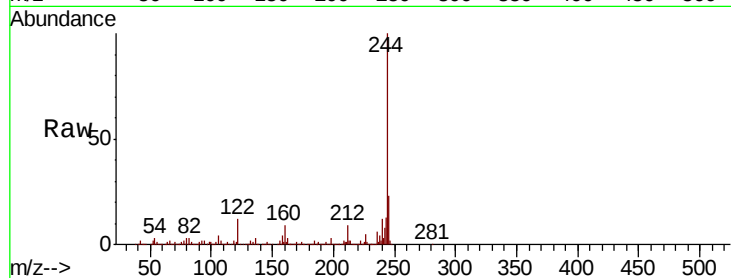
BNA_G

ClientSampleId :

TP-5

Tot Ion:244 Resp: 1475823

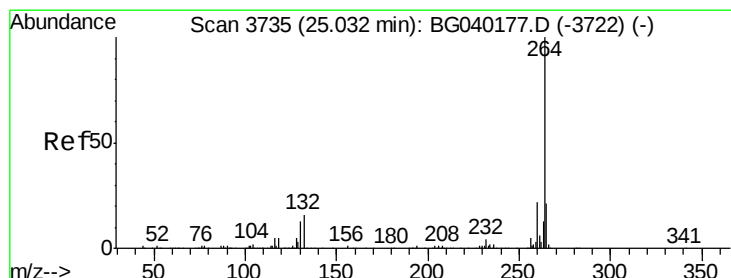
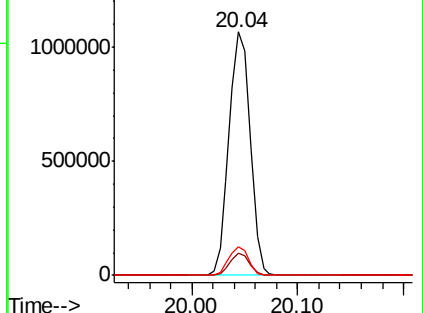
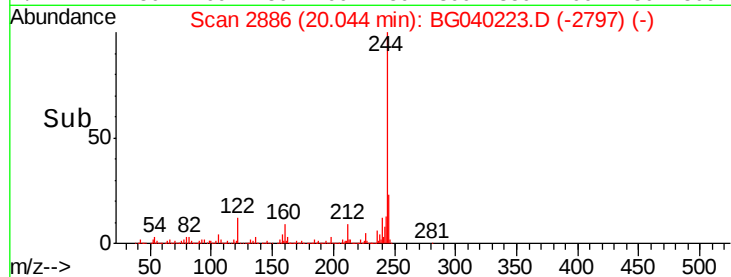
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	11.7	8.5	12.7



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: 25.02 min Scan# 3733

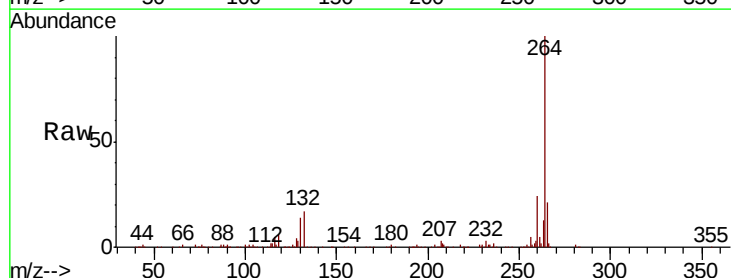
Delta R.T. -0.01 min

Lab File: BG040223.D

Acq: 29 Mar 2019 7:02

Tgt Ion:264 Resp: 383634

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	21.3	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

