

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040218.D
 Acq On : 29 Mar 2019 3:43
 Operator : JU/SJ
 Sample : K2111-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S7A(4-20)COMP

Quant Time: Mar 29 08:11:18 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	55780	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	228772	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	141435	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	355380	20.00	ng	0.00
76) Chrysene-d12	21.72	240	382572	20.00	ng	0.00
87) Perylene-d12	25.02	264	370833	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	424939	126.64	ng	0.00
7) Phenol-d6	7.22	99	520143	112.17	ng	0.00
23) Nitrobenzene-d5	9.25	82	403087	93.65	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	236613	154.80	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	910239	95.36	ng	0.00
79) Terphenyl-d14	20.05	244	1523811	89.61	ng	0.00

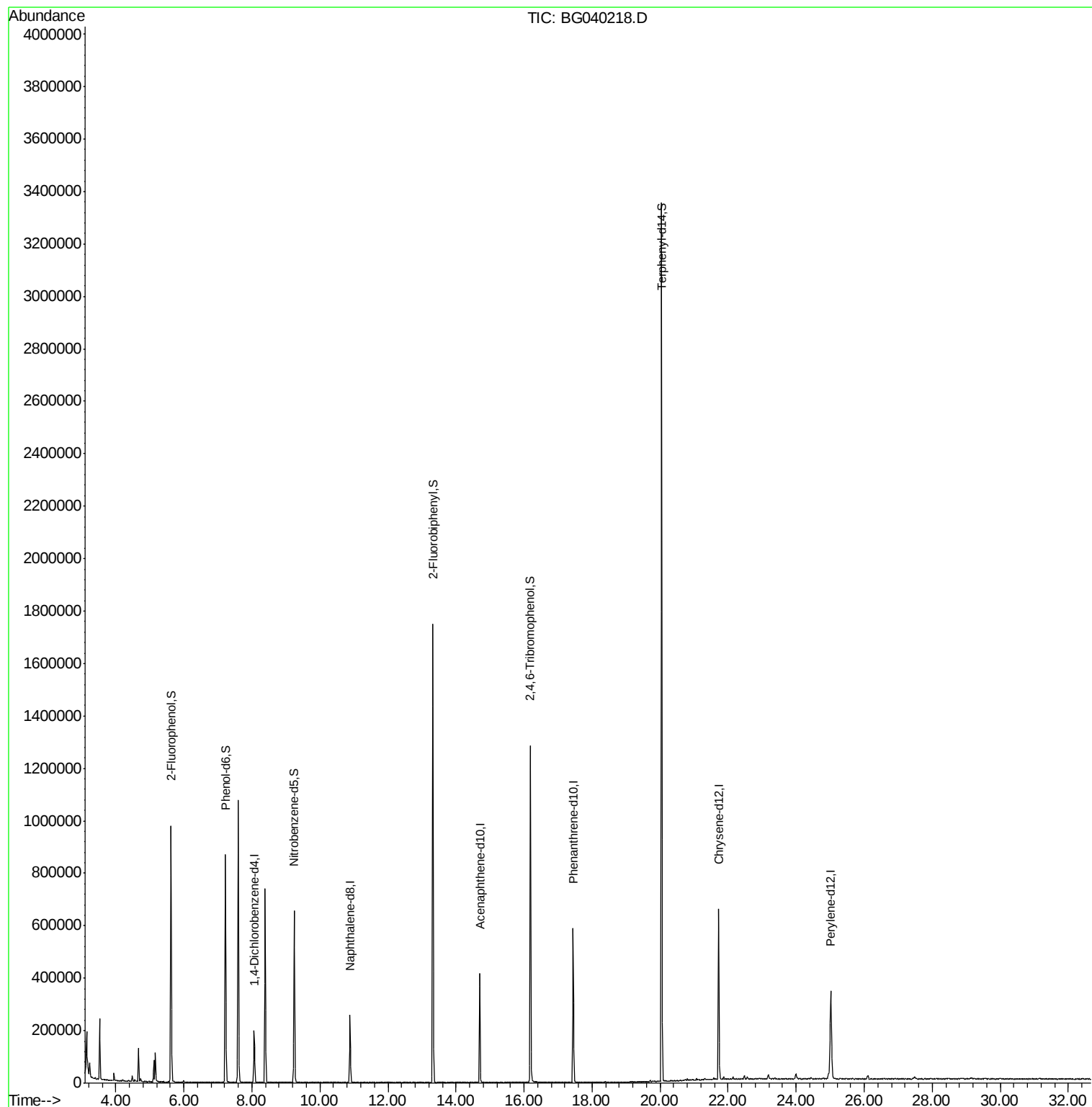
Target Compounds Qvalue

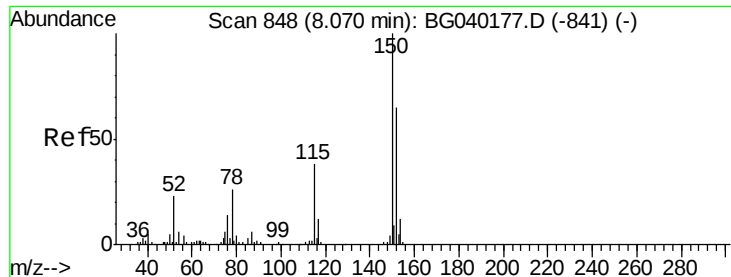
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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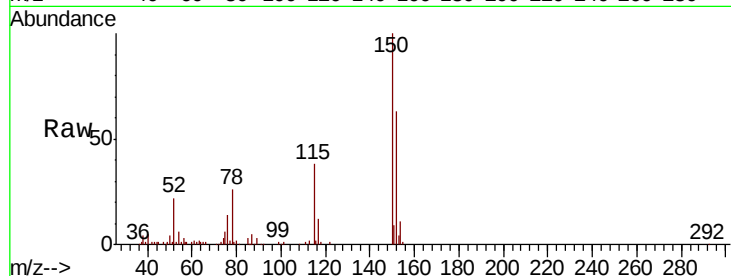


#1

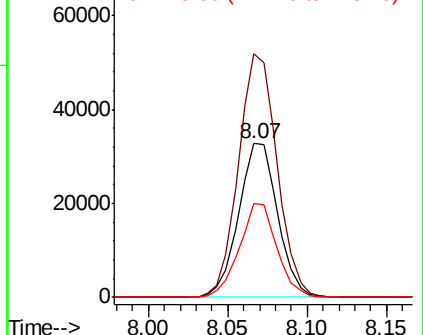
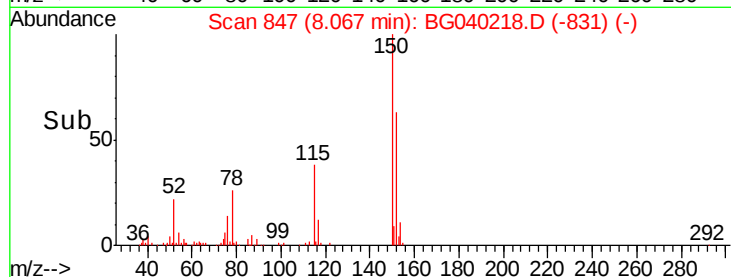
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040218.D
Acq: 29 Mar 2019 3:43

Instrument :
BNA_G
ClientSampleId :
S7A(4-20)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.7	185.5
115	60.8	46.9	70.3



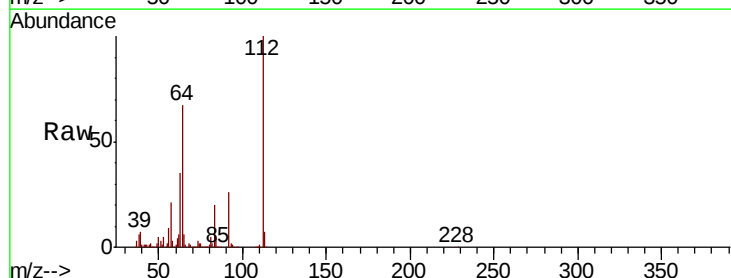
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



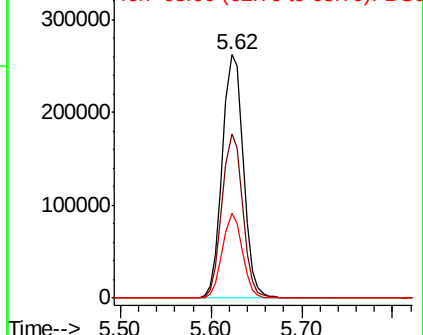
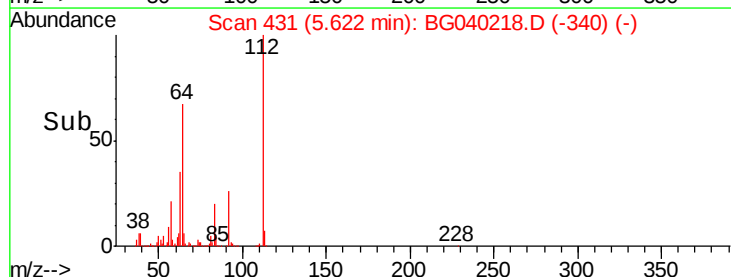
#5

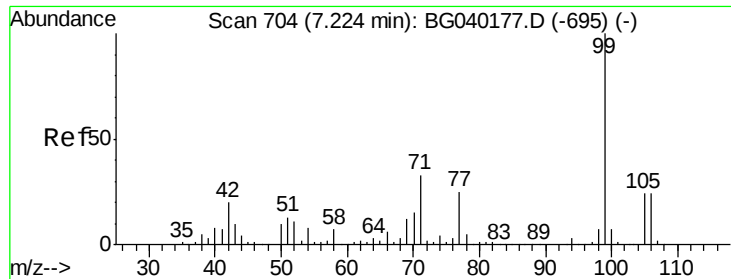
2-Fluorophenol
Concen: 126.645 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040218.D
Acq: 29 Mar 2019 3:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	54.2	81.2
63	34.7	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: 112.168 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040218.D

Acq: 29 Mar 2019 3:43

Instrument :

BNA_G

ClientSampleId :

S7A(4-20)COMP

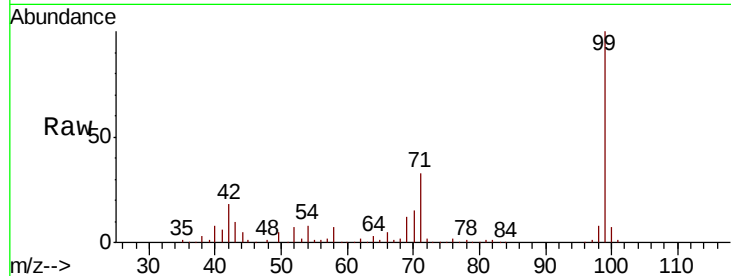
Tot Ion: 99 Resp: 520143

Ion Ratio Lower Upper

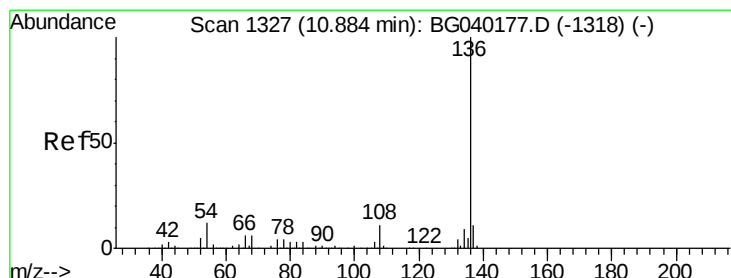
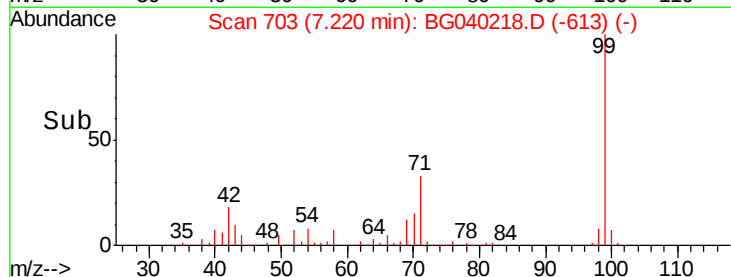
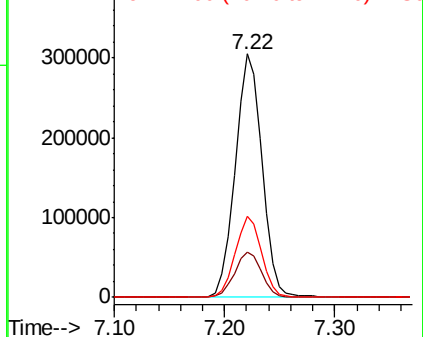
99 100

42 18.4 16.2 24.2

71 33.4 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: 10.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG040218.D

Acq: 29 Mar 2019 3:43

Tgt Ion: 136 Resp: 228772

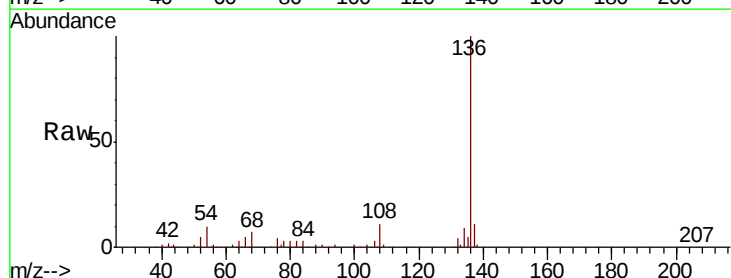
Ion Ratio Lower Upper

136 100

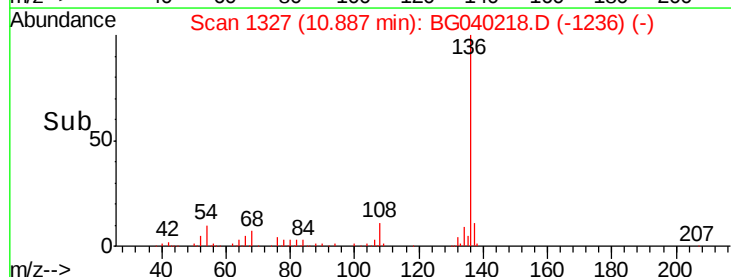
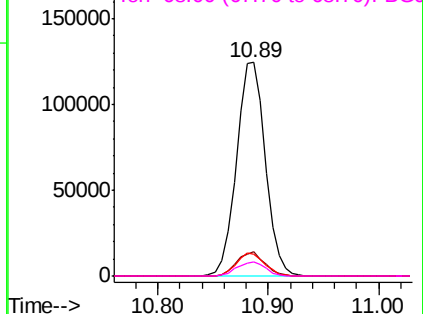
137 11.4 8.9 13.3

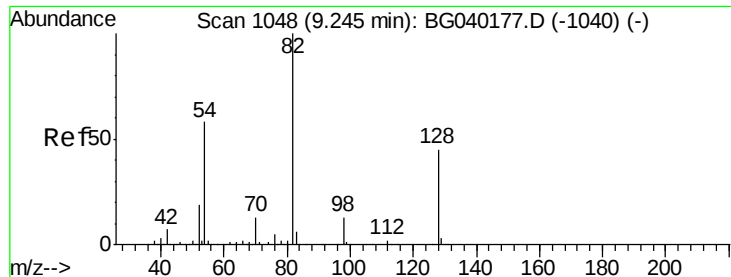
54 10.2 9.6 14.4

68 6.5 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

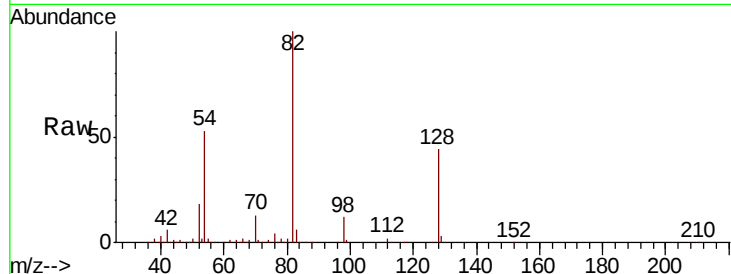




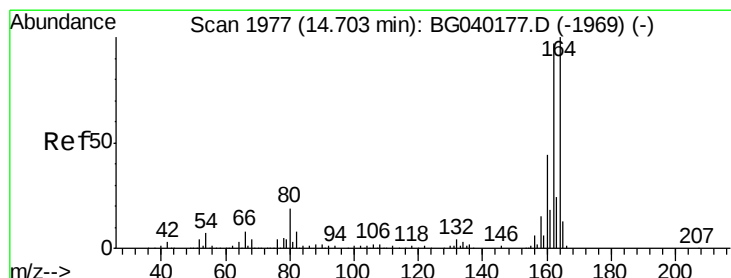
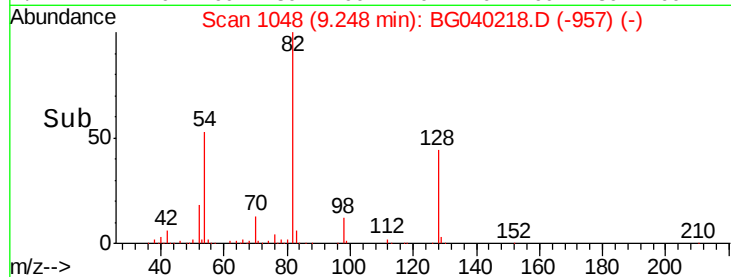
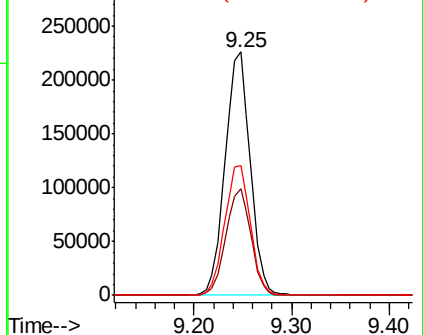
#23
Nitrobenzene-d5
Concen: 93.654 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040218.D
Acq: 29 Mar 2019 3:43

Instrument :
BNA_G
ClientSampleId :
S7A(4-20)COMP

Tot Ion	82	Resp	403087
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.8	53.8
54	53.2	46.2	69.2

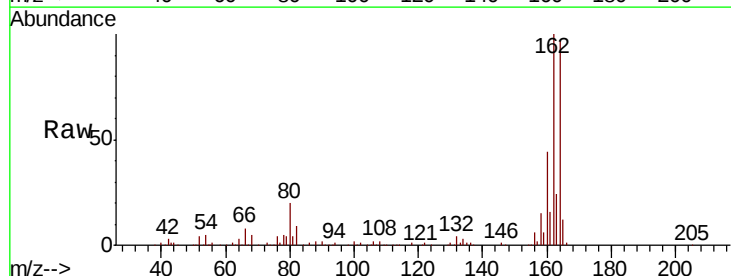


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

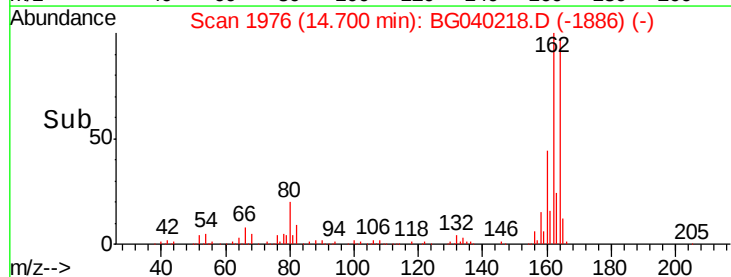
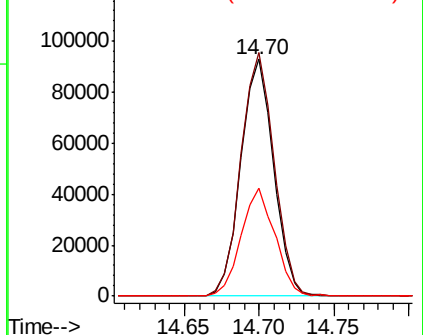


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG040218.D
Acq: 29 Mar 2019 3:43

Tgt Ion	164	Resp	141435
Ion Ratio	Lower	Upper	
164	100		
162	102.8	77.4	116.2
160	45.4	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

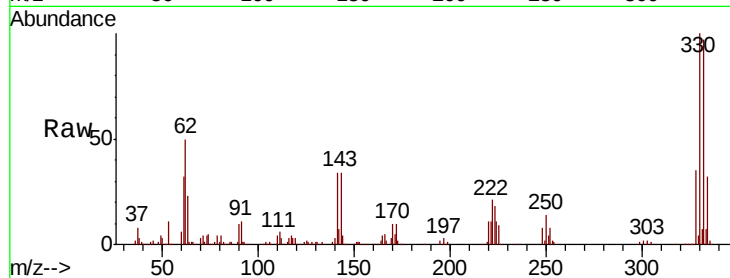




#42
 2,4,6-Tribromophenol
 Concen: 154.796 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG040218.D
 Acq: 29 Mar 2019 3:43

Instrument :
 BNA_G
 ClientSampleId :
 S7A(4-20)COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.4	32.6	48.8

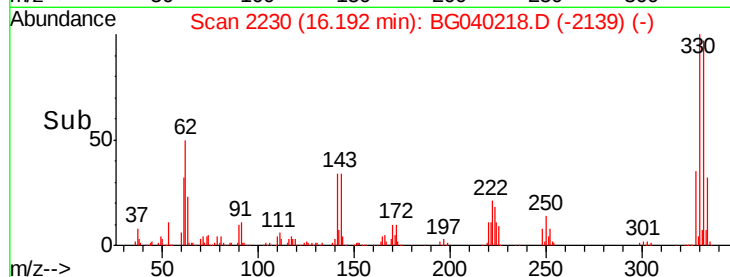
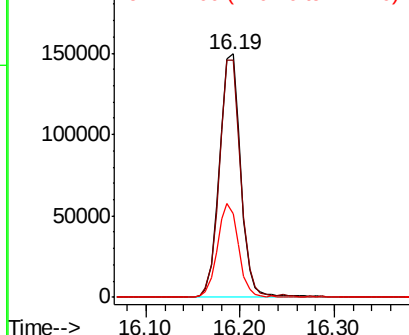


Abundance

Ion 329.80 (329.50 to 330.50): E

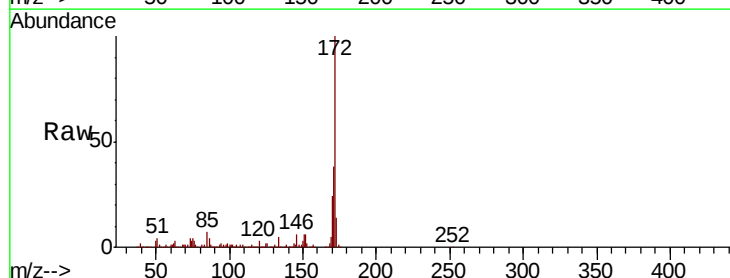
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.362 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG040218.D
 Acq: 29 Mar 2019 3:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.5	45.7
170	24.4	20.1	30.1

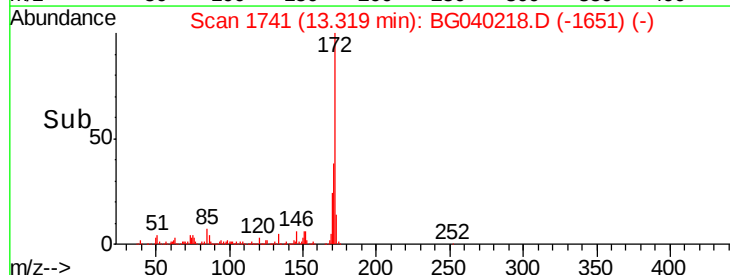
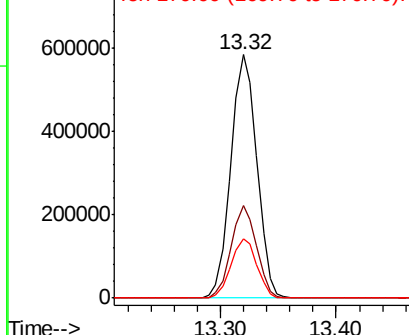


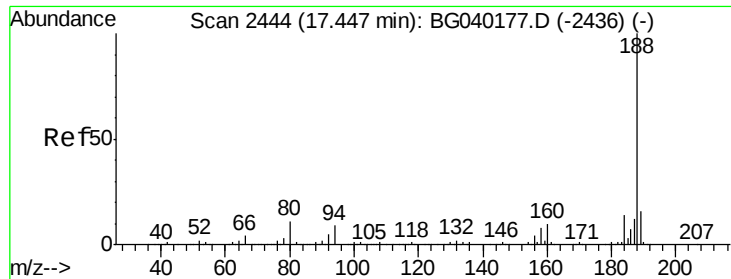
Abundance

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. -0.00 min

Lab File: BG040218.D

Acq: 29 Mar 2019 3:43

Instrument :

BNA_G

ClientSampleId :

S7A(4-20)COMP

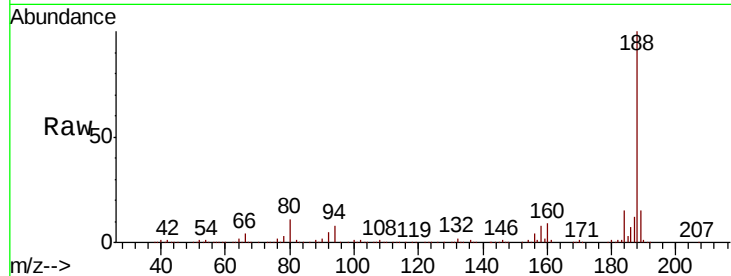
Tot Ion:188 Resp: 355380

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

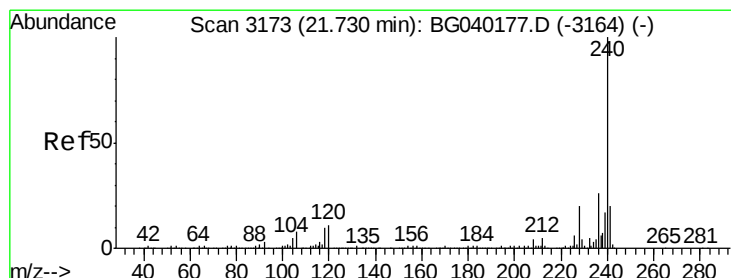
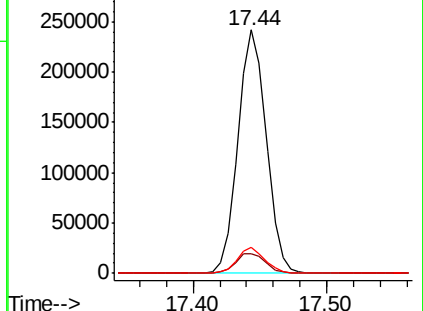
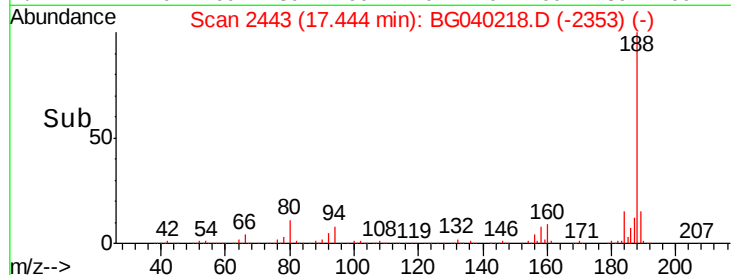
80 10.6 8.6 13.0



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# 3171

Delta R.T. -0.01 min

Lab File: BG040218.D

Acq: 29 Mar 2019 3:43

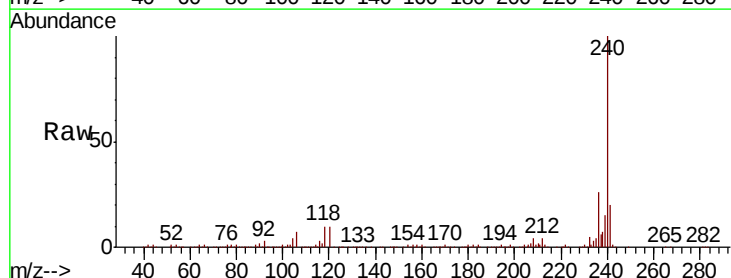
Tgt Ion:240 Resp: 382572

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

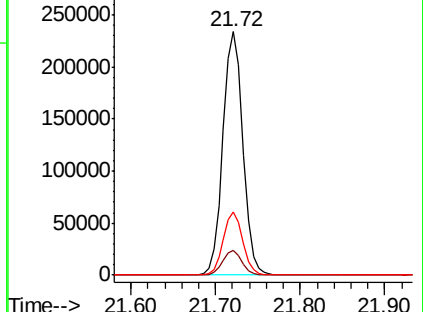
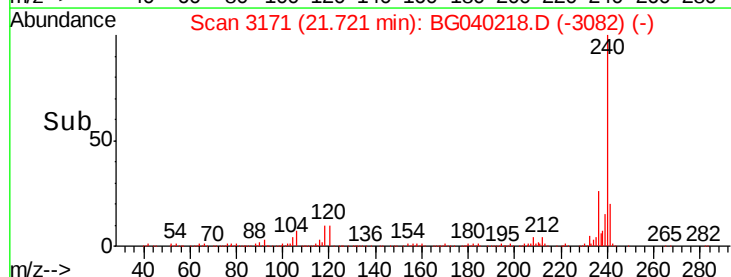
236 25.9 20.8 31.2



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: 89.605 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040218.D

Acq: 29 Mar 2019 3:43

Instrument :

BNA_G

ClientSampleId :

S7A(4-20)COMP

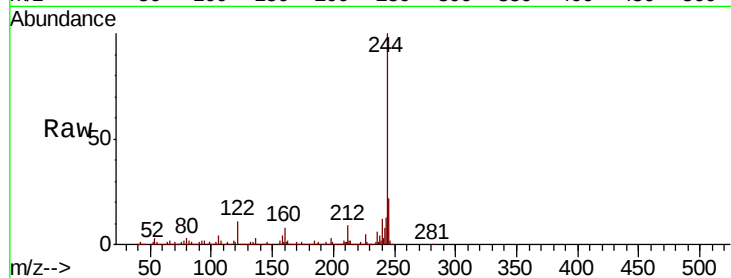
Tot Ion:244 Resp: 1523811

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

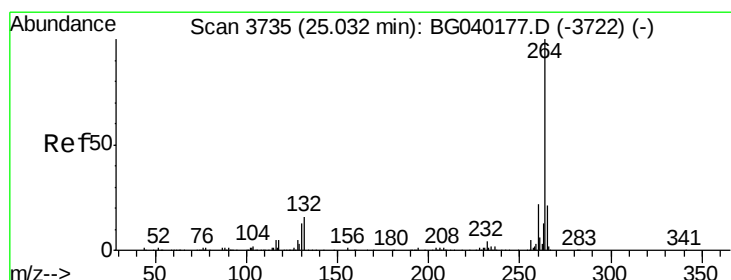
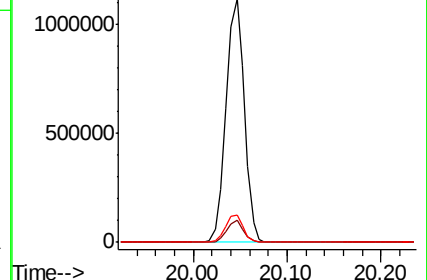
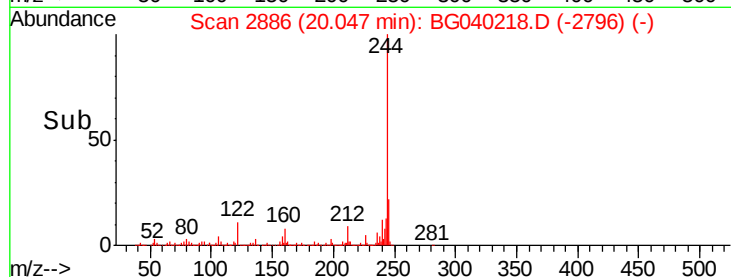
122 11.2 8.5 12.7



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# 3732

Delta R.T. -0.02 min

Lab File: BG040218.D

Acq: 29 Mar 2019 3:43

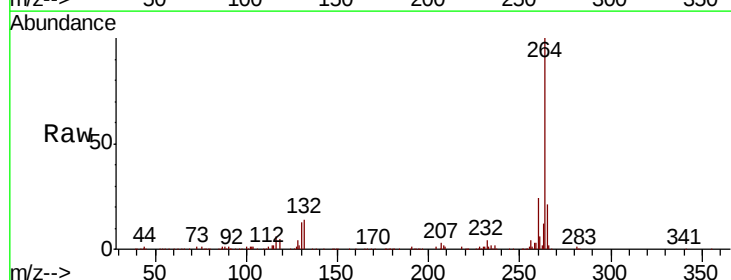
Tgt Ion:264 Resp: 370833

Ion Ratio Lower Upper

264 100

260 24.2 17.9 26.9

265 20.5 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

