

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040220.D
 Acq On : 29 Mar 2019 5:03
 Operator : JU/SJ
 Sample : K2107-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Mar 29 08:12:23 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	59750	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	239928	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	147166	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	370021	20.00	ng	0.00
76) Chrysene-d12	21.72	240	400393	20.00	ng	0.00
87) Perylene-d12	25.02	264	395019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	405630	112.86	ng	0.00
7) Phenol-d6	7.22	99	497789	100.22	ng	0.00
23) Nitrobenzene-d5	9.24	82	384453	85.17	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	212893	133.85	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	841449	84.72	ng	0.00
79) Terphenyl-d14	20.05	244	1463254	82.21	ng	0.00

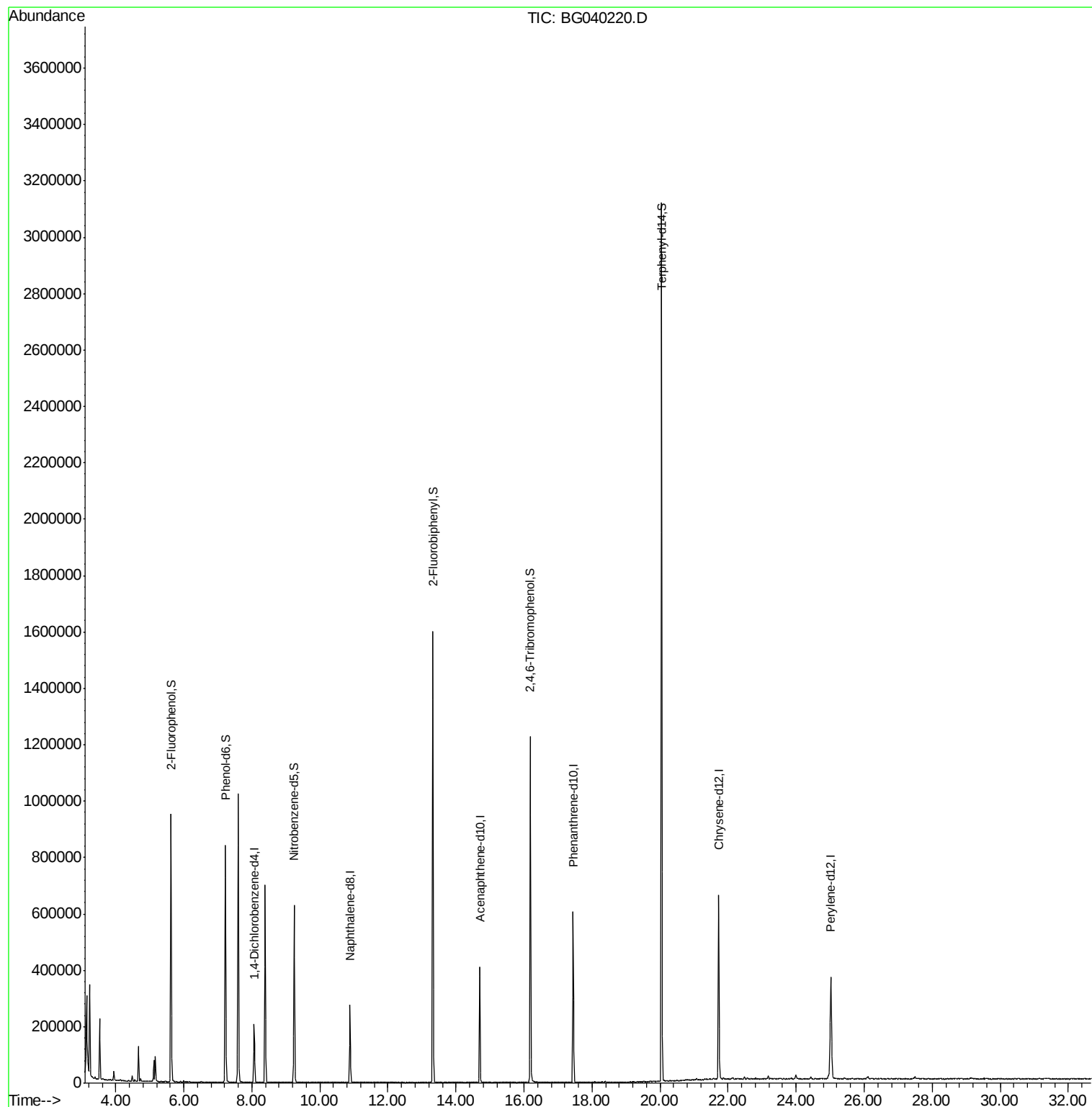
Target Compounds Qvalue

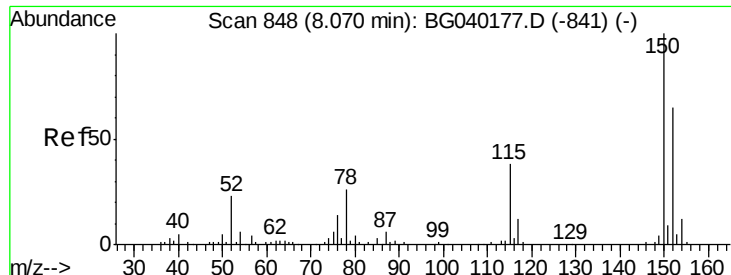
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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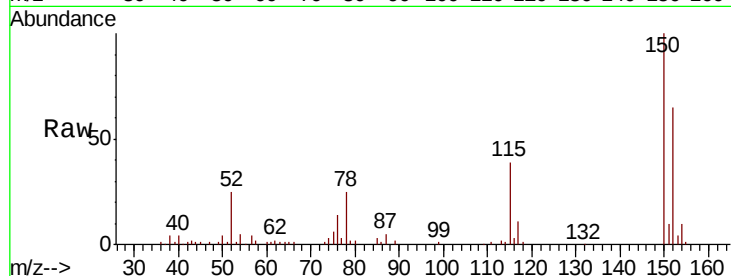


#1

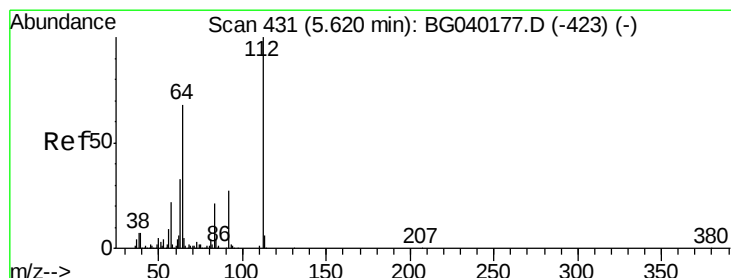
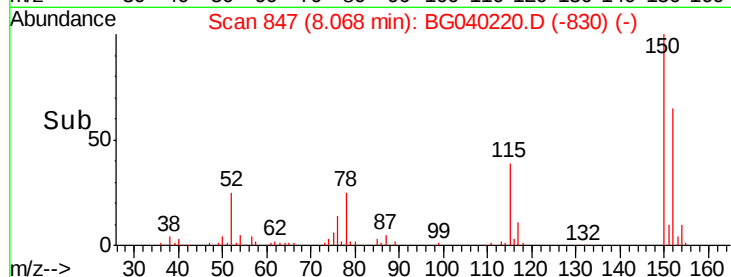
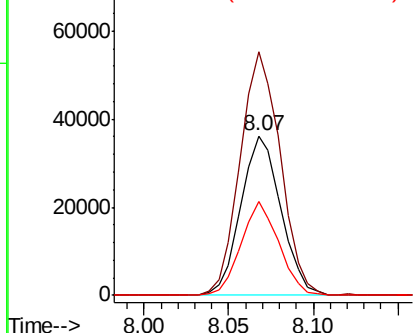
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.7	185.5
115	58.9	46.9	70.3



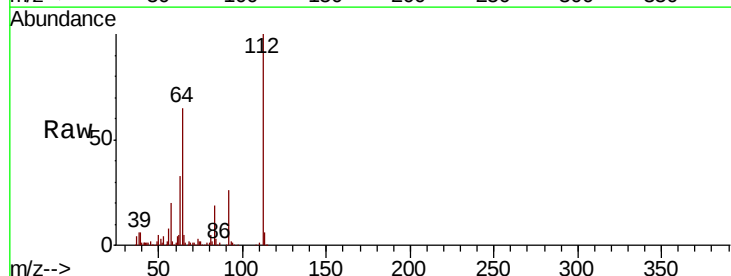
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



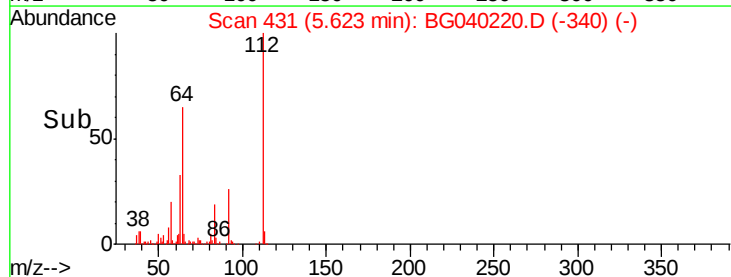
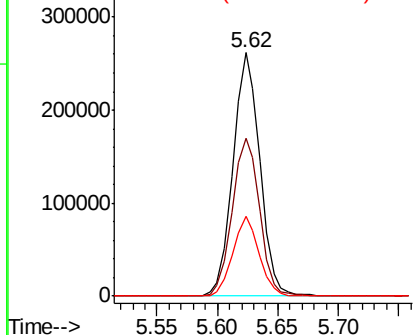
#5

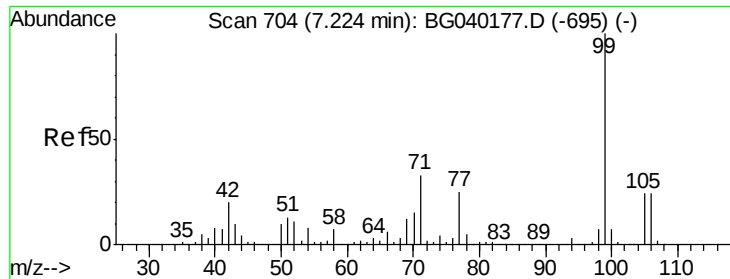
2-Fluorophenol
Concen: 112.858 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	54.2	81.2
63	32.8	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: 100.215 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040220.D

Acq: 29 Mar 2019 5:03

Instrument :

BNA_G

ClientSampleId :

TP-2

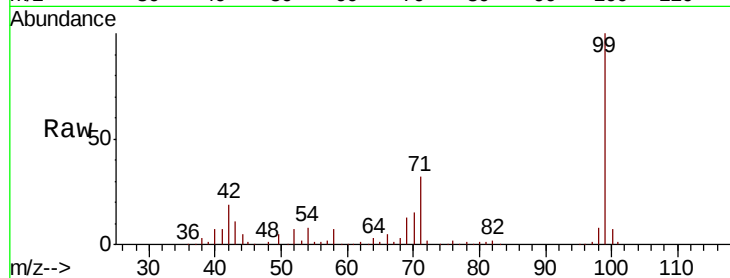
Tot Ion: 99 Resp: 497789

Ion Ratio Lower Upper

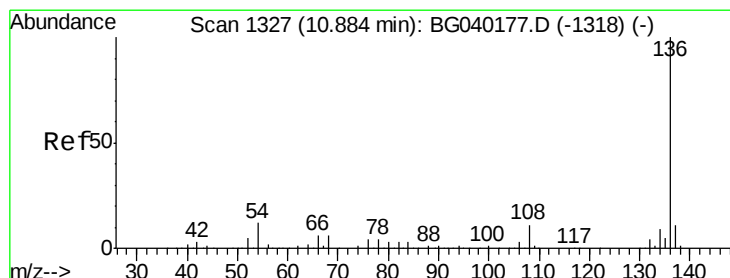
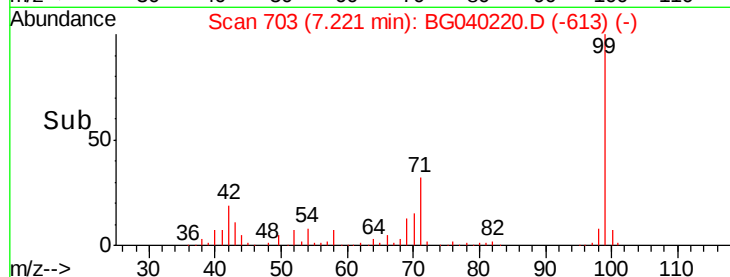
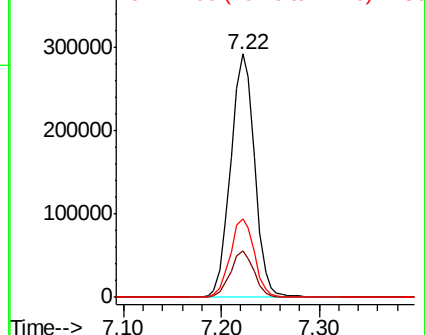
99 100

42 19.0 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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG040220.D

Acq: 29 Mar 2019 5:03

Tgt Ion: 136 Resp: 239928

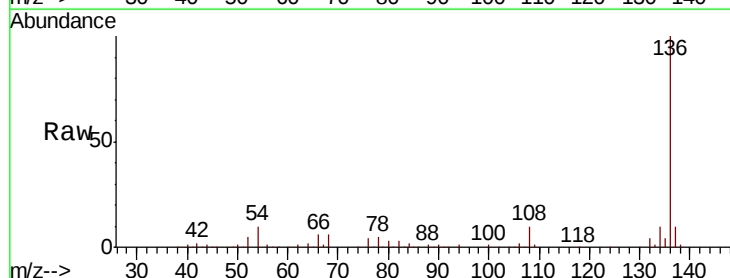
Ion Ratio Lower Upper

136 100

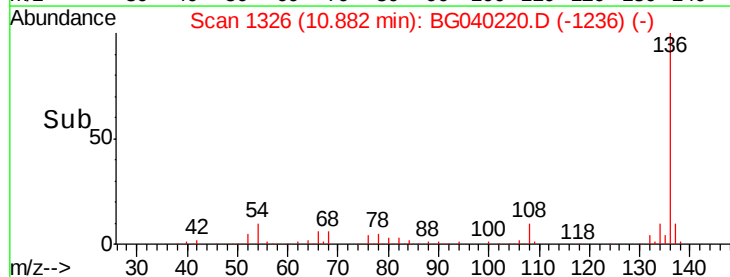
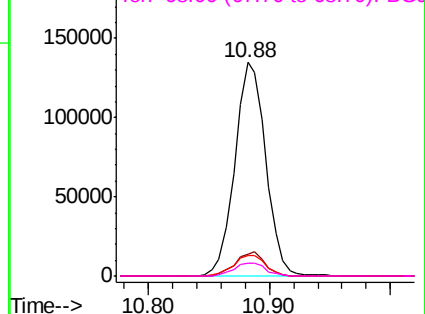
137 9.9 8.9 13.3

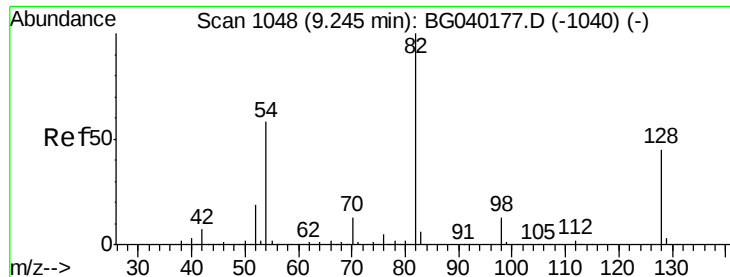
54 9.8 9.6 14.4

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

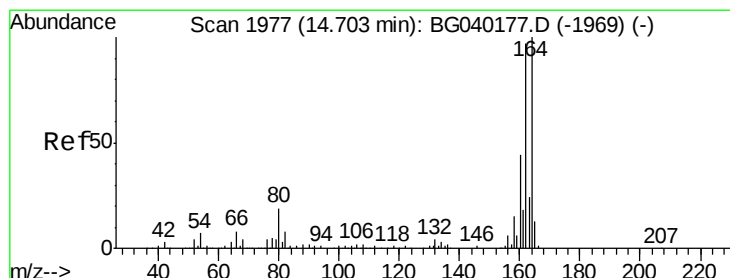
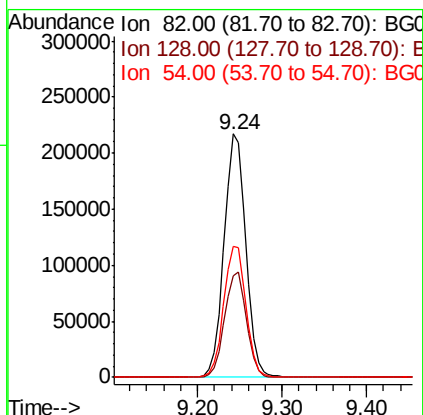
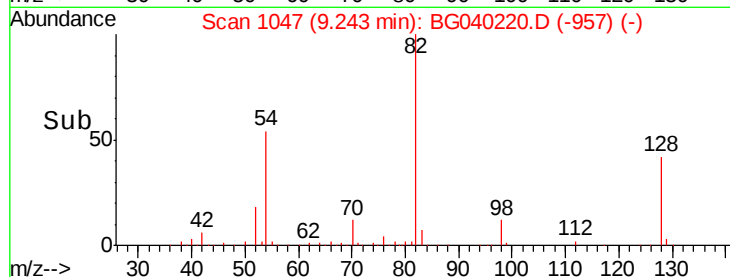
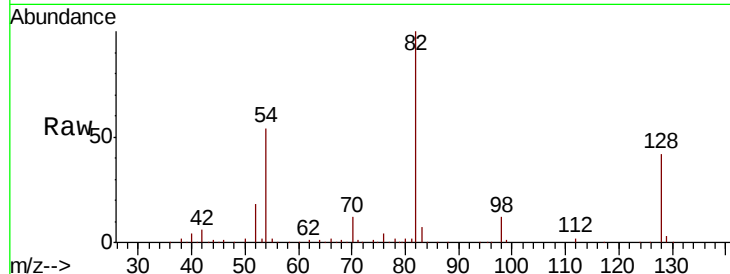




#23
Nitrobenzene-d5
Concen: 85.171 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

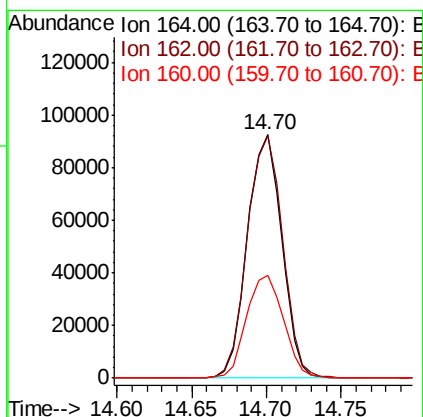
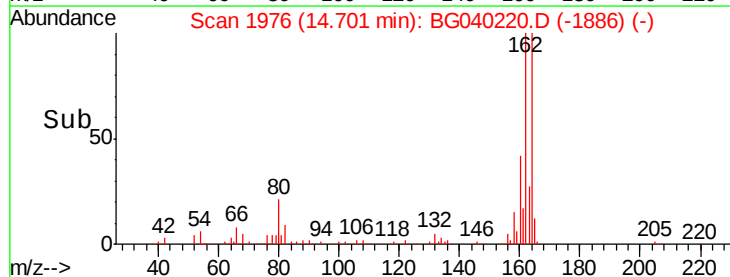
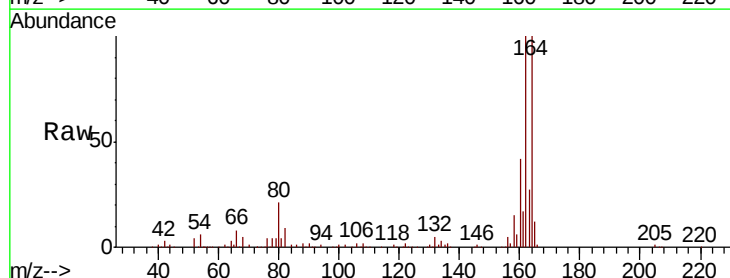
Instrument :
BNA_G
ClientSampleId :
TP-2

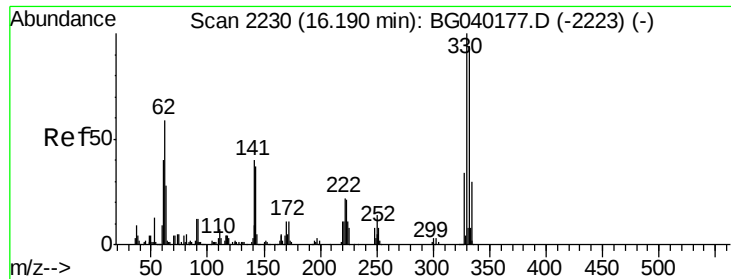
Tot Ion: 82 Resp: 384453
Ion Ratio Lower Upper
82 100
128 41.9 35.8 53.8
54 53.9 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion: 164 Resp: 147166
Ion Ratio Lower Upper
164 100
162 99.5 77.4 116.2
160 42.0 35.3 52.9

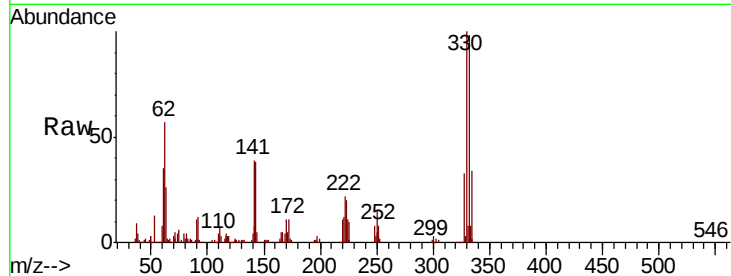




#42
2,4,6-Tribromophenol
Concen: 133.854 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.7	32.6	48.8

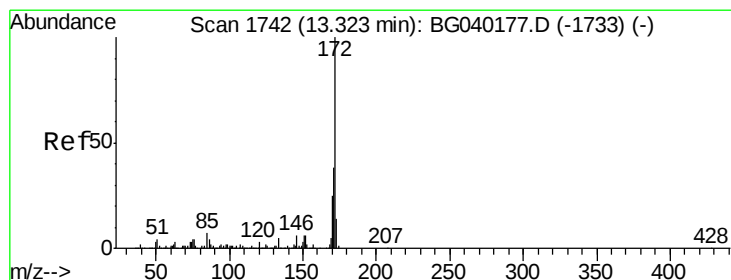
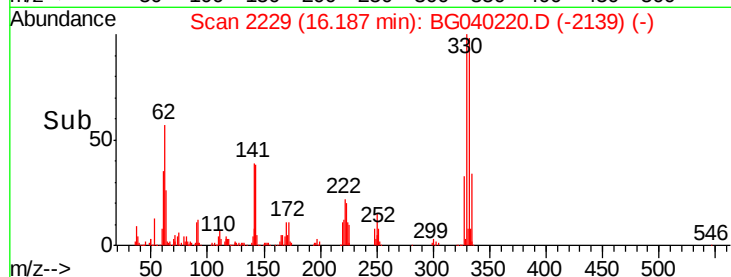
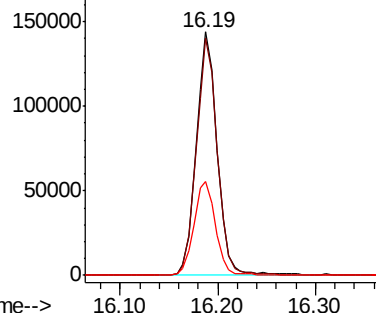


Abundance

Ion 329.80 (329.50 to 330.50): E

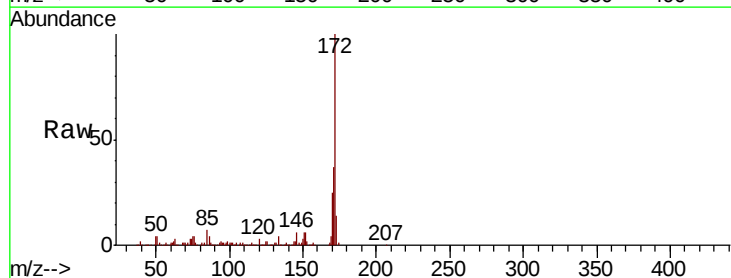
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 84.723 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.6	20.1	30.1

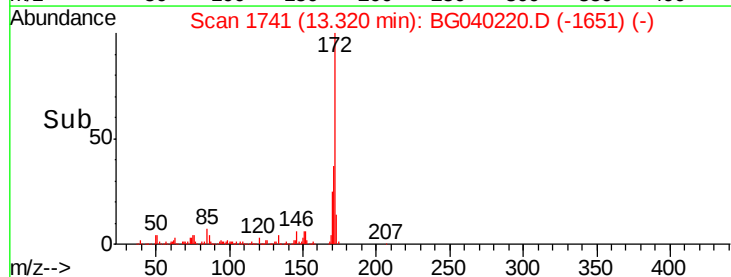
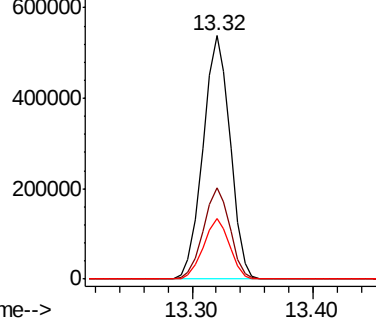


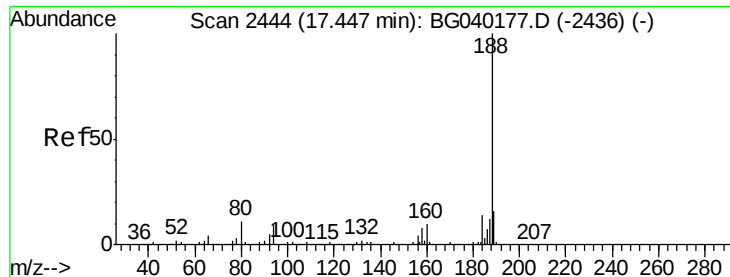
Abundance

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

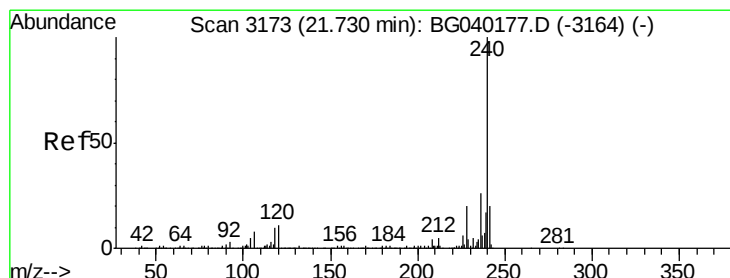
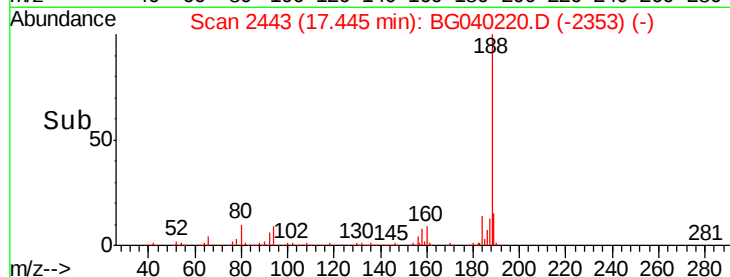
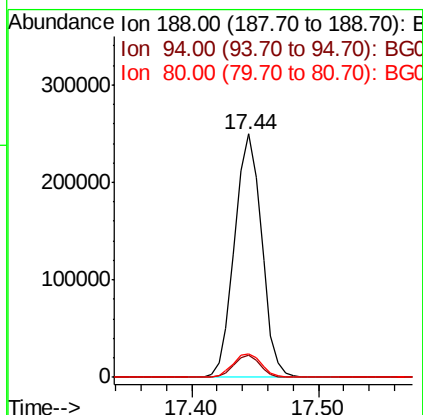
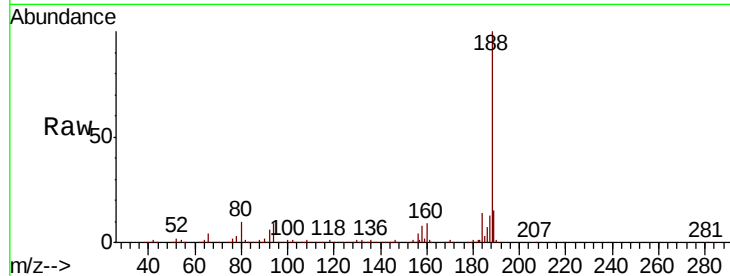




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

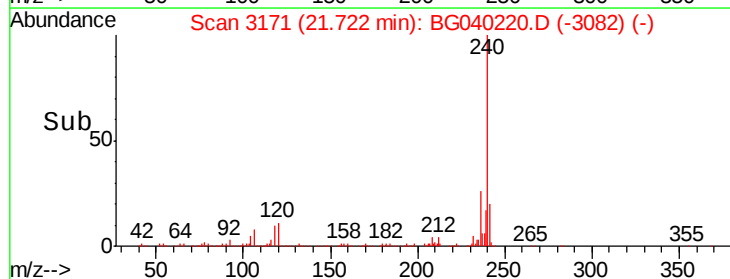
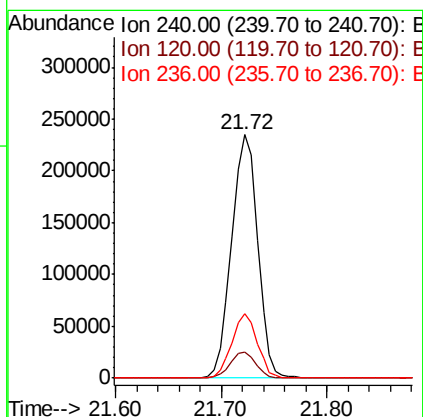
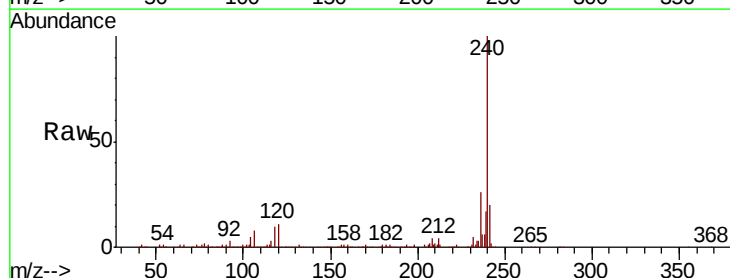
Instrument :
BNA_G
ClientSampleId :
TP-2

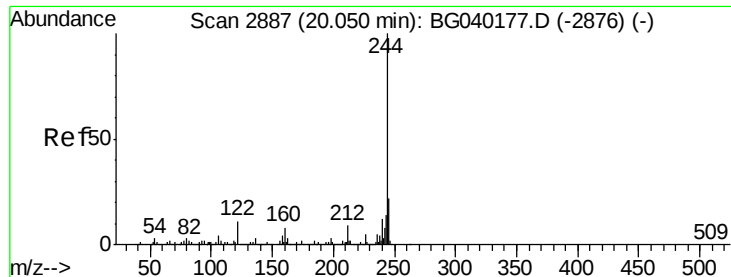
Tot Ion:188 Resp: 370021
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.7 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion:240 Resp: 400393
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 82.215 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040220.D

Acq: 29 Mar 2019 5:03

Instrument :

BNA_G

ClientSampleId :

TP-2

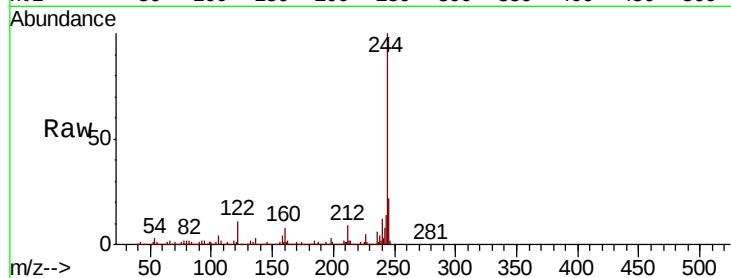
Tot Ion:244 Resp: 1463254

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

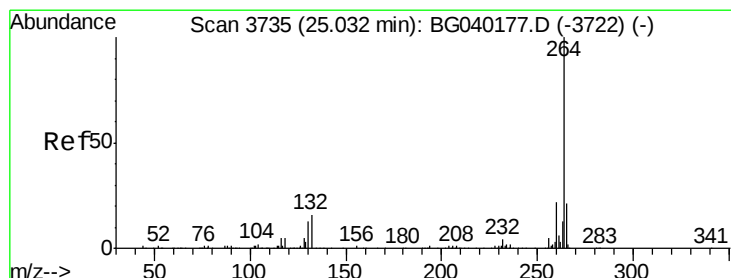
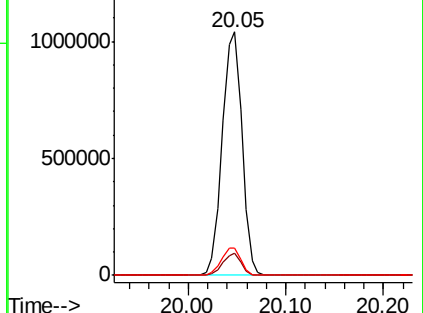
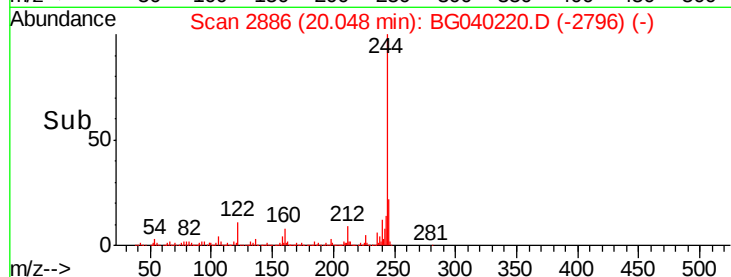
122 11.1 8.5 12.7



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: BG040220.D

Acq: 29 Mar 2019 5:03

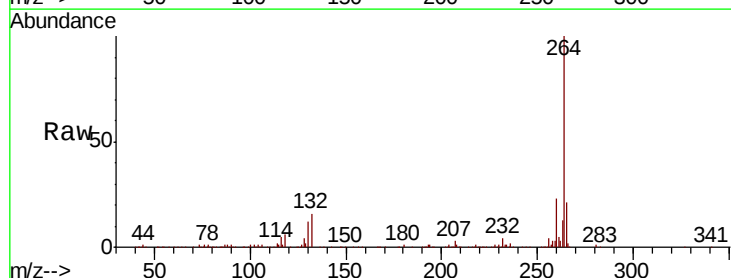
Tgt Ion:264 Resp: 395019

Ion Ratio Lower Upper

264 100

260 23.1 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

