

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040205.D
 Acq On : 28 Mar 2019 18:24
 Operator : JU/SJ
 Sample : K2107-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Mar 29 05:46:44 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	61204	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	242210	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	149926	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	392769	20.00	ng	0.00
76) Chrysene-d12	21.72	240	416642	20.00	ng	-0.01
87) Perylene-d12	25.02	264	422126	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	487098	132.30	ng	0.00
7) Phenol-d6	7.22	99	683293	134.29	ng	0.00
23) Nitrobenzene-d5	9.25	82	403878	88.63	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	252556	155.87	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	826262	81.66	ng	0.00
79) Terphenyl-d14	20.04	244	1399245	75.55	ng	0.00

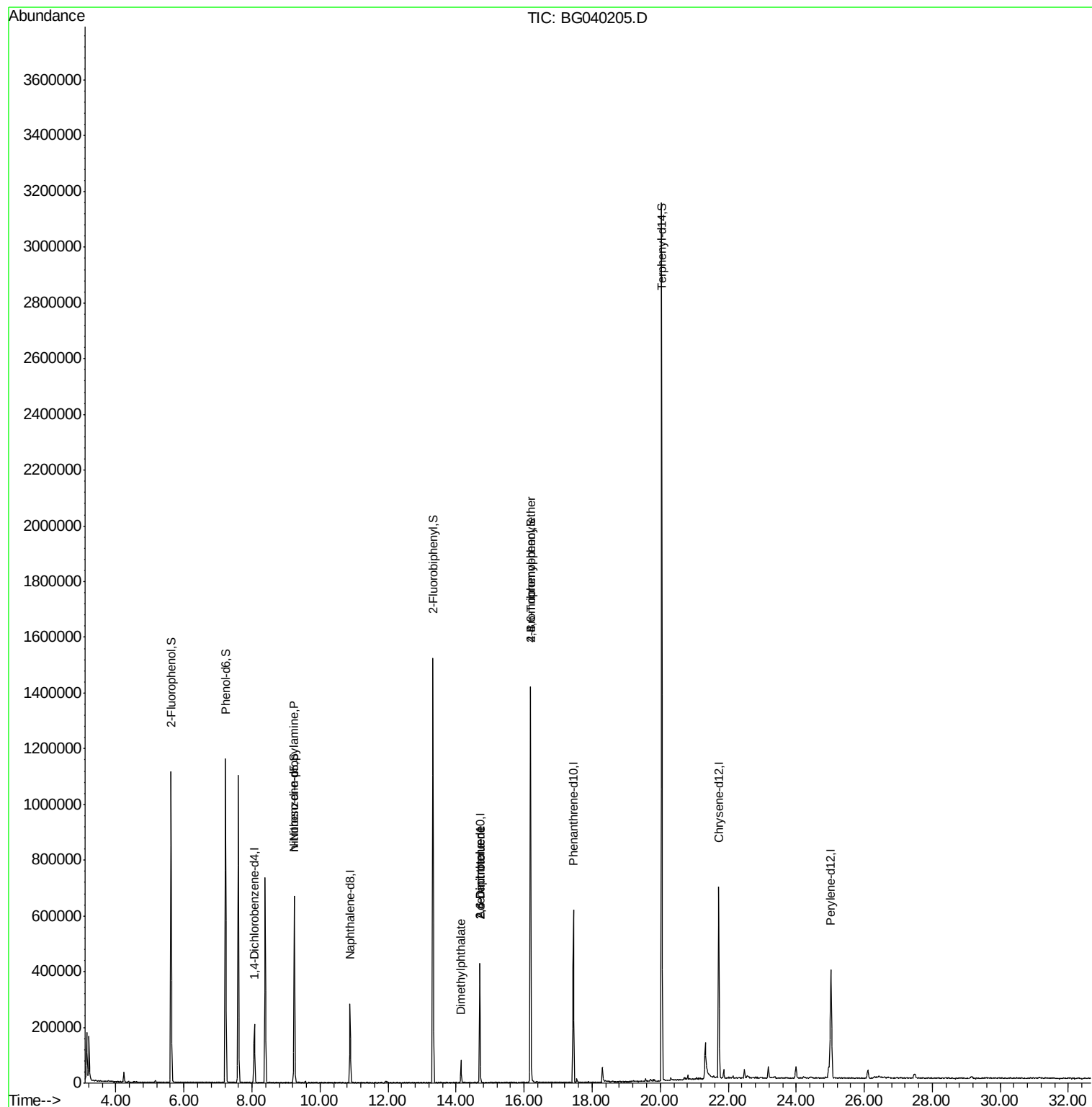
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.25	70	51612	14.148	ng	# 69
50) Dimethylphthalate	14.15	163	56505	4.816	ng	100
51) 2,6-Dinitrotoluene	14.70	165	19105	7.251	ng	# 26
57) 2,4-Dinitrotoluene	14.70	165	19105	5.219	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	19711	4.459	ng	# 1

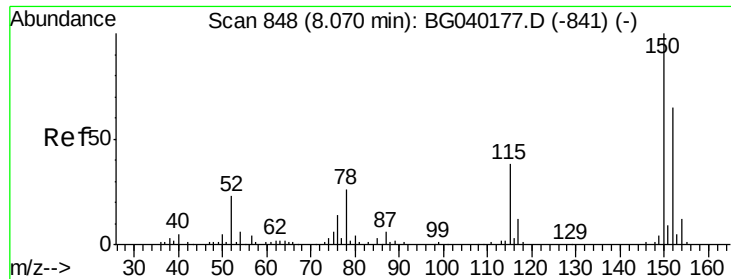
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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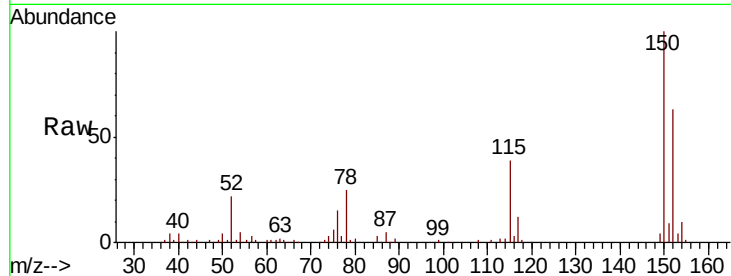


#1

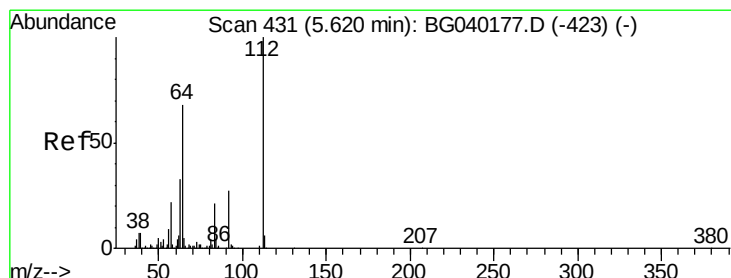
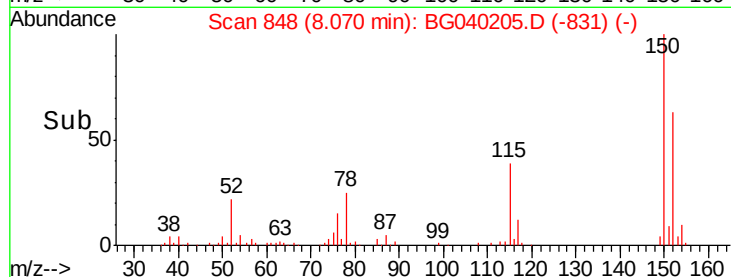
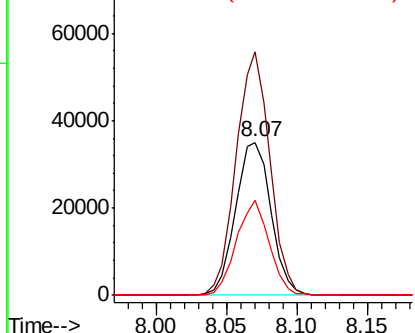
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 61204
Ion Ratio Lower Upper
152 100
150 158.8 123.7 185.5
115 61.8 46.9 70.3



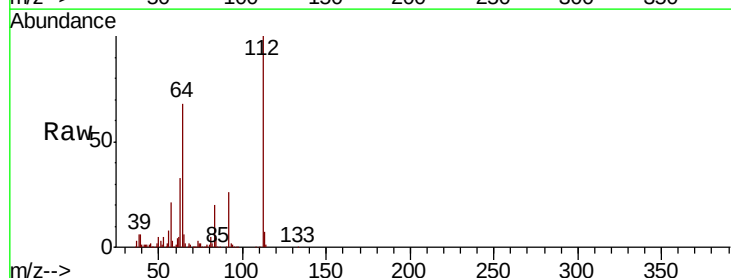
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



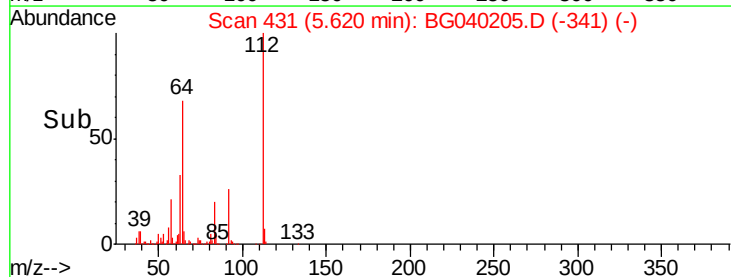
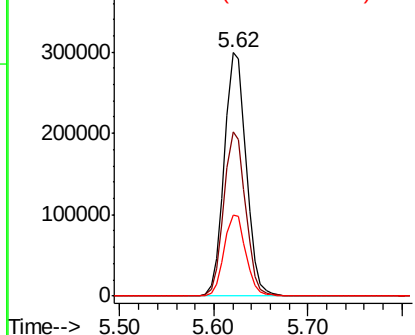
#5

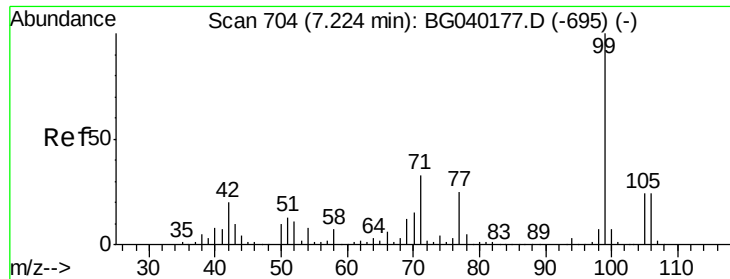
2-Fluorophenol
Concen: 132.305 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

Tgt Ion:112 Resp: 487098
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.2
63 33.3 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: 134.293 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

Instrument :

BNA_G

ClientSampled :

TP-1

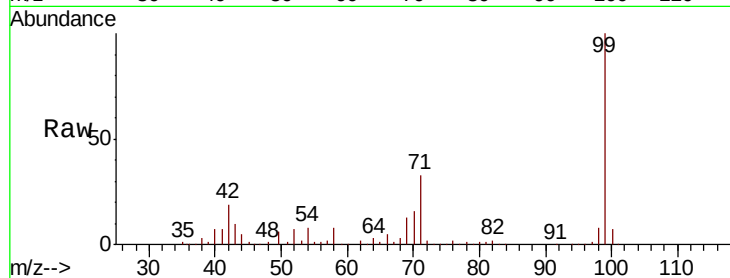
Tgt Ion: 99 Resp: 683293

Ion Ratio Lower Upper

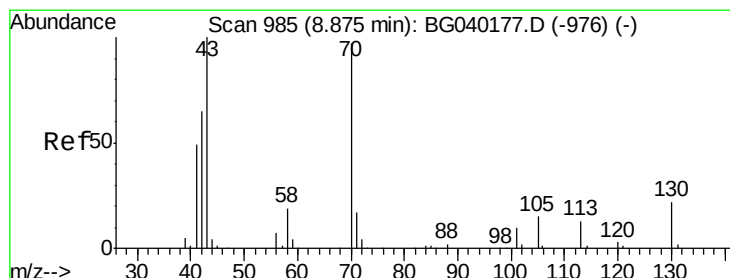
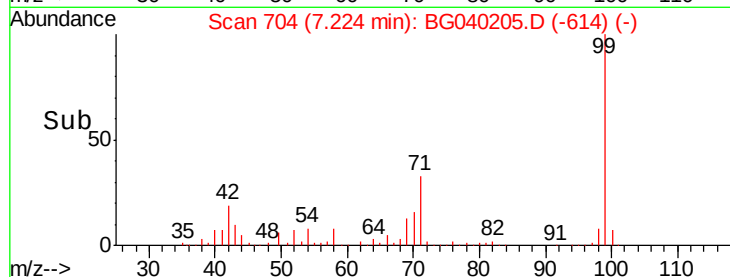
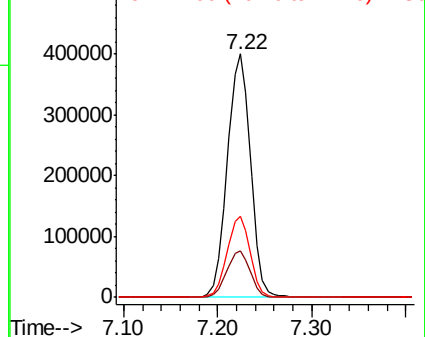
99 100

42 18.9 16.2 24.2

71 33.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.148 ng

RT: 9.25 min Scan# 1048

Delta R.T. 0.37 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

Tgt Ion: 70 Resp: 51612

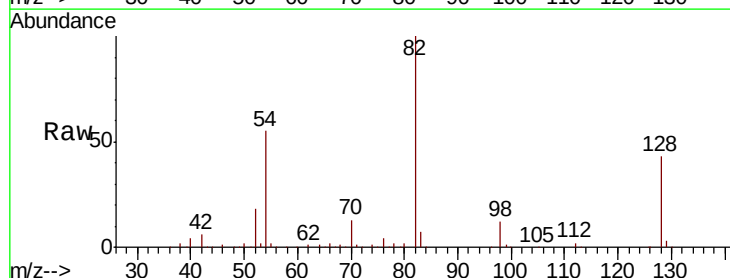
Ion Ratio Lower Upper

70 100

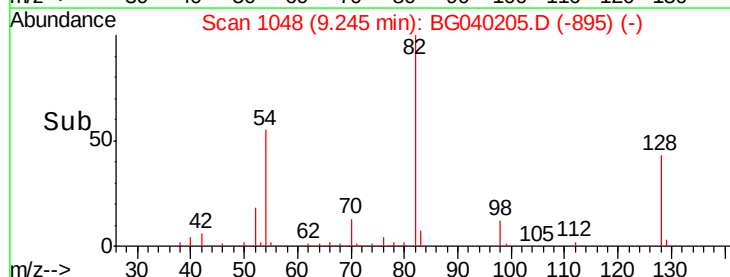
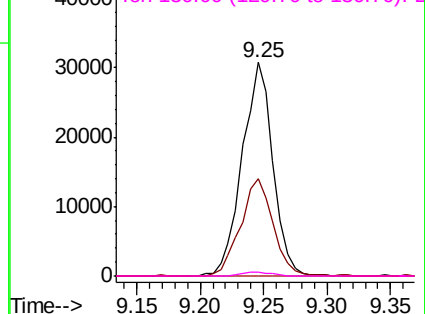
42 45.6 54.0 81.0#

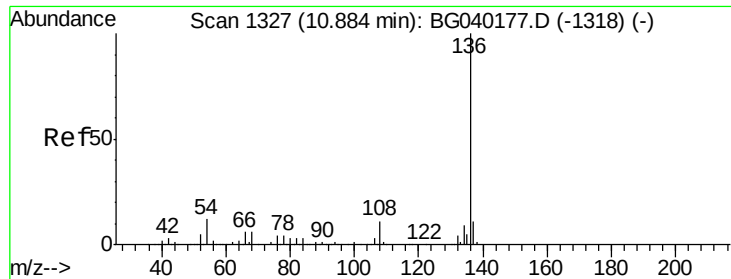
101 0.0 8.6 13.0#

130 2.0 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

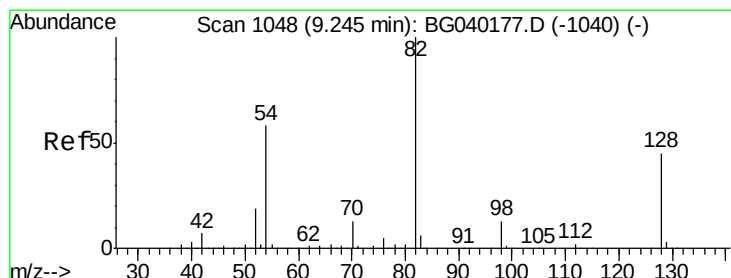
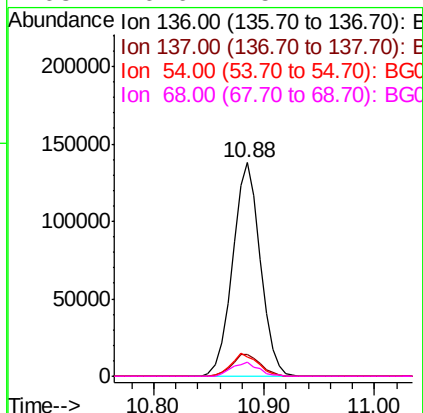
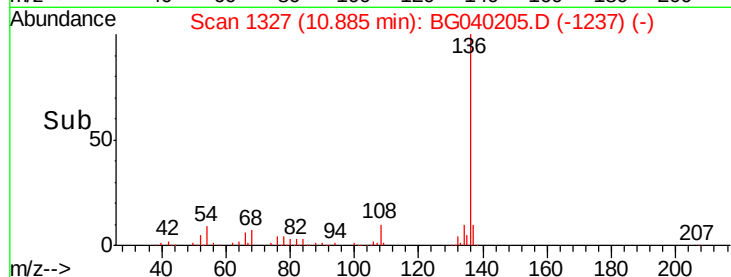
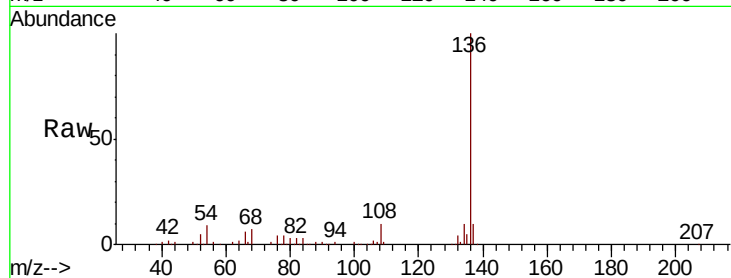




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

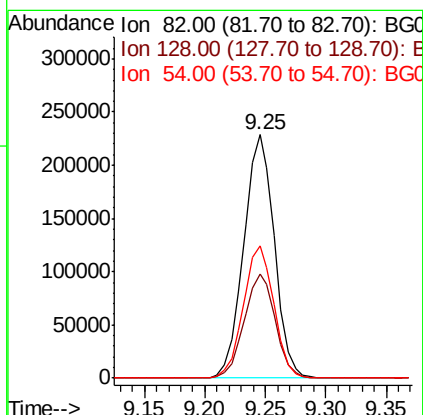
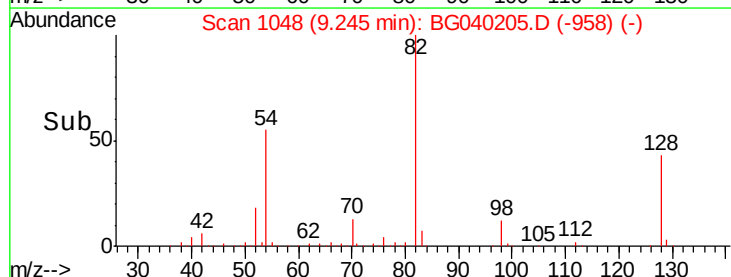
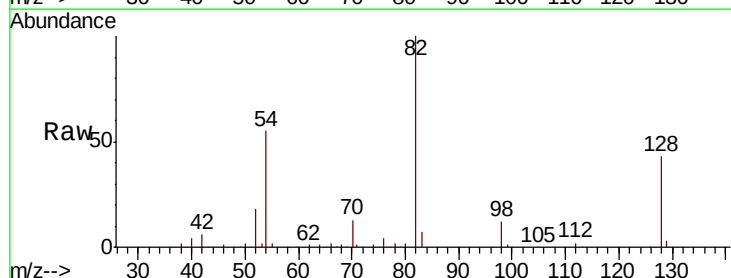
Instrument :
BNA_G
ClientSampleId :
TP-1

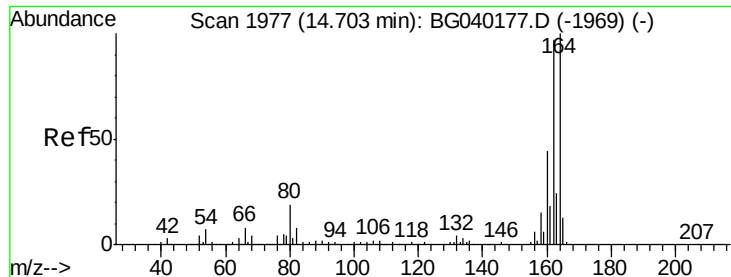
Tgt Ion:	136	Resp:	242210
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	8.8	9.6	14.4#
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 88.632 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

Tgt Ion:	82	Resp:	403878
Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.8	53.8
54	54.5	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: BG040205.D

Acq: 28 Mar 2019 18:24

Instrument :

BNA_G

ClientSampleId :

TP-1

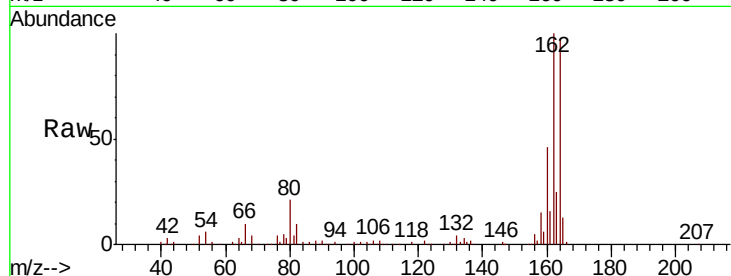
Tgt Ion:164 Resp: 149926

Ion Ratio Lower Upper

164 100

162 102.9 77.4 116.2

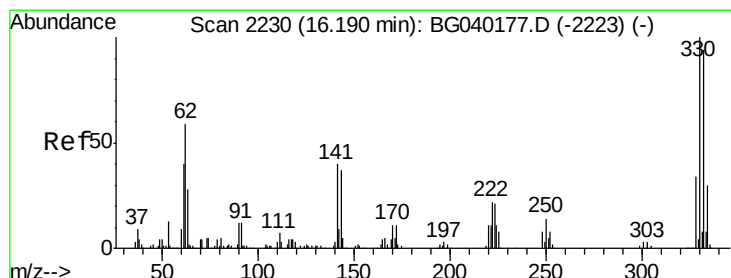
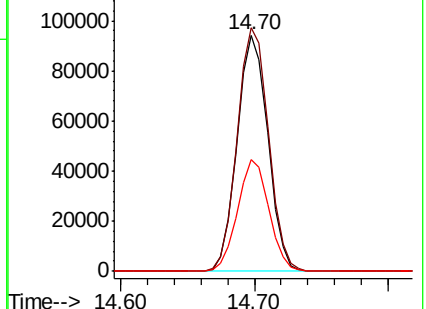
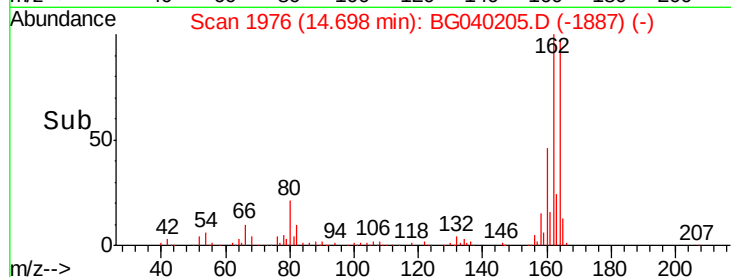
160 47.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 155.869 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

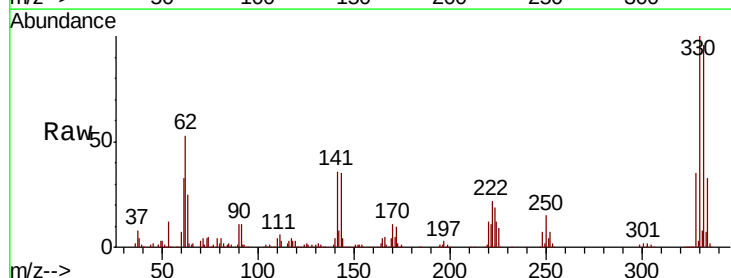
Tgt Ion:330 Resp: 252556

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

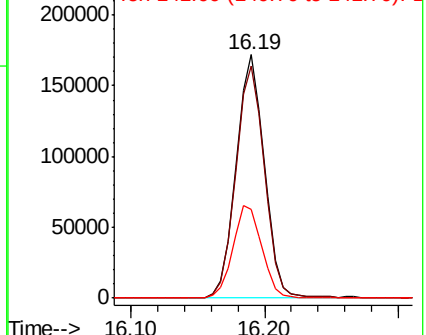
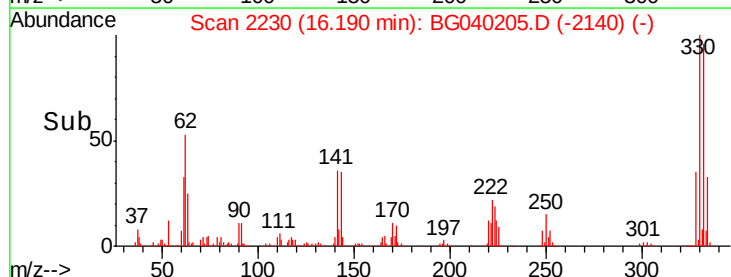
141 39.0 32.6 48.8

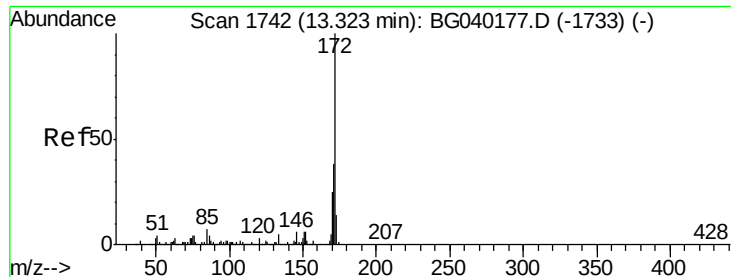


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

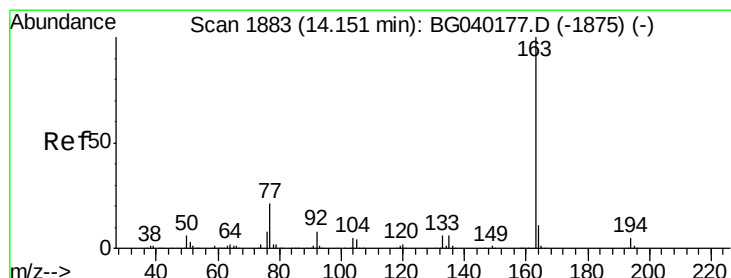
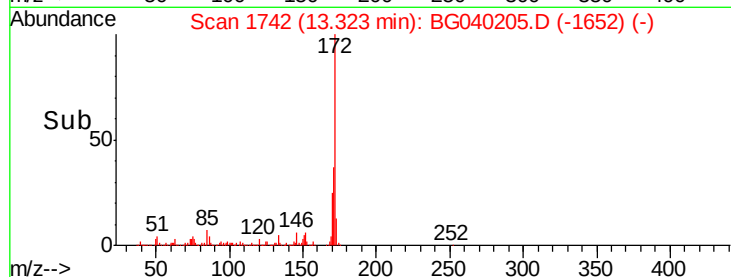
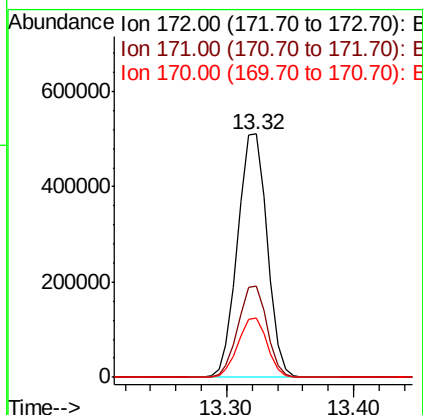
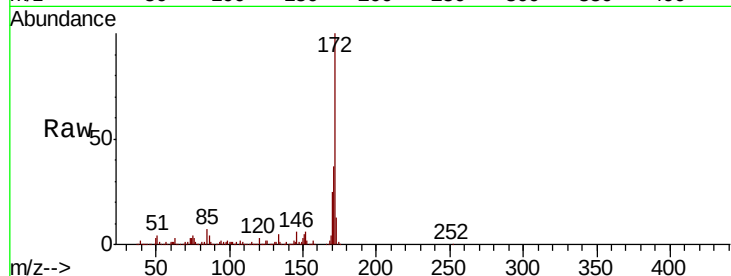




#45
2-Fluorobiphenyl
Concen: 81.662 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

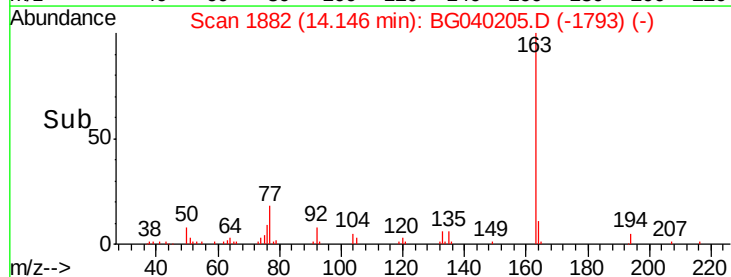
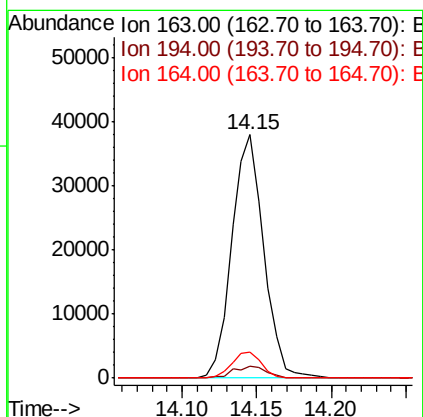
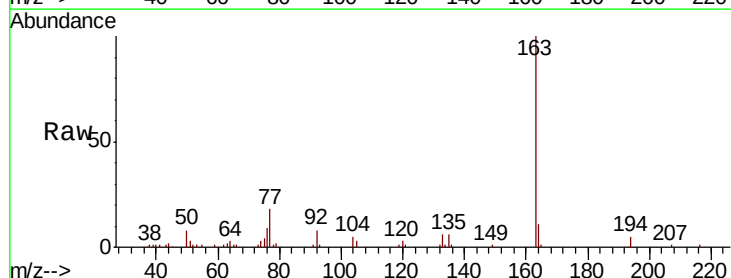
Instrument :
BNA_G
ClientSampleId :
TP-1

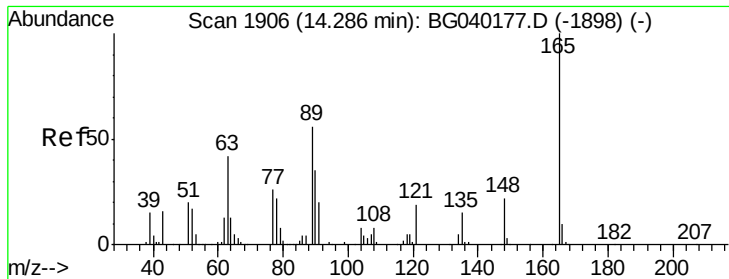
Tgt Ion:172 Resp: 826262
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.6 20.1 30.1



#50
Dimethylphthalate
Concen: 4.816 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

Tgt Ion:163 Resp: 56505
Ion Ratio Lower Upper
163 100
194 5.0 4.1 6.1
164 10.6 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 7.251 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.41 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

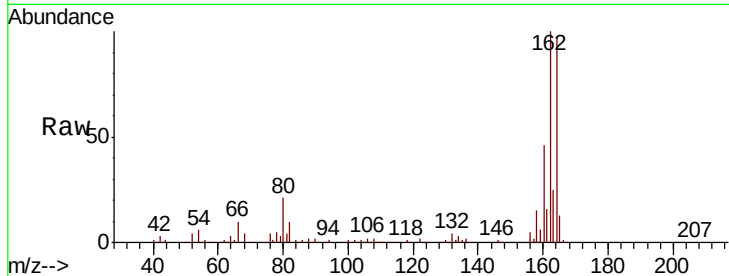
Instrument :

BNA_G

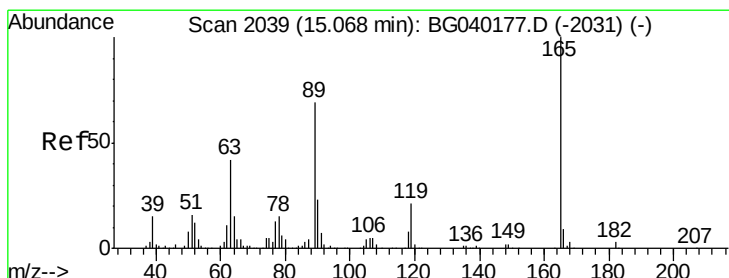
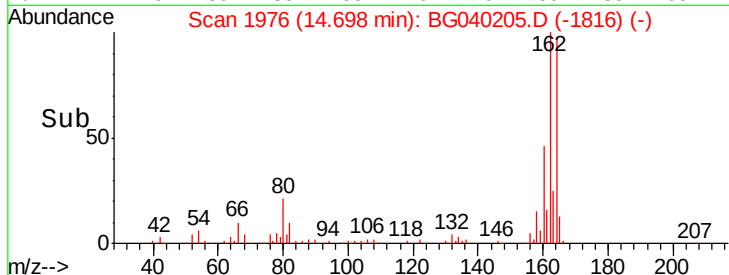
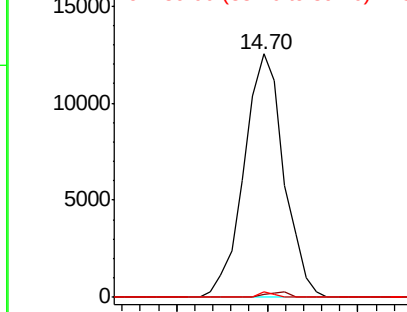
ClientSampleId :

TP-1

Tgt Ion:	165	Resp:	19105
Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.1	66.1#
89	2.1	44.9	67.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC



#57

2,4-Dinitrotoluene

Concen: 5.219 ng

RT: 14.70 min Scan# 1976

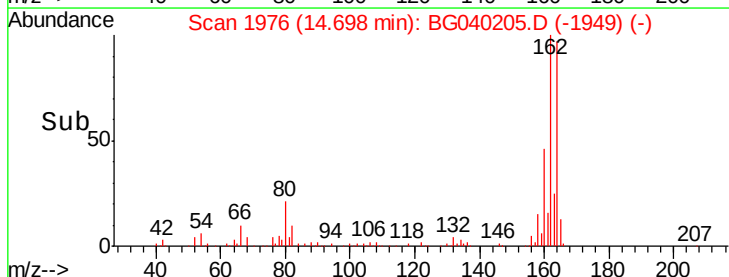
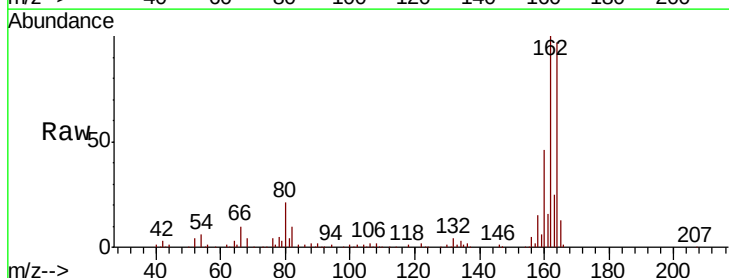
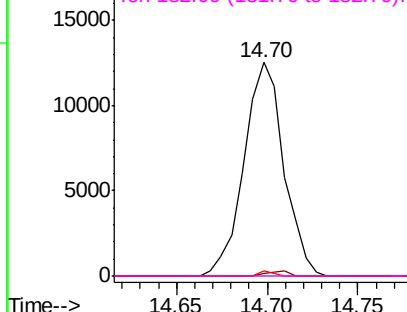
Delta R.T. -0.37 min

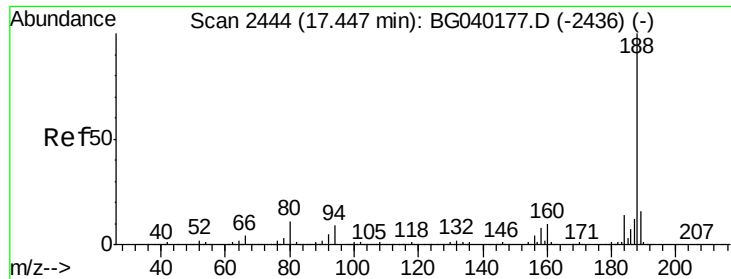
Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

Tgt Ion:	165	Resp:	19105
Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.6#
89	2.1	55.4	83.2#
182	0.0	2.2	3.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

Instrument :

BNA_G

ClientSampleId :

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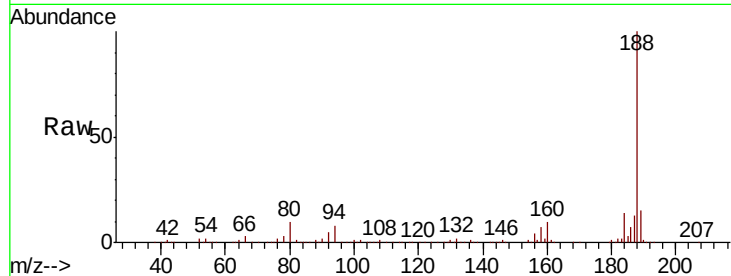
Tgt Ion:188 Resp: 392769

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

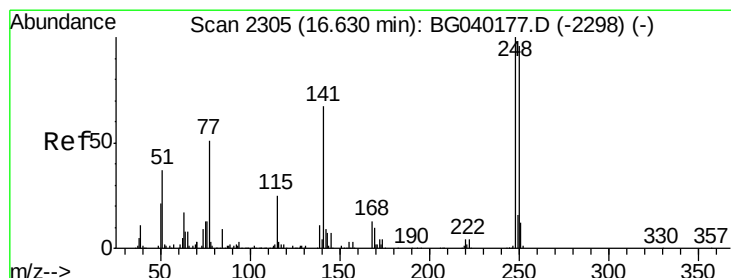
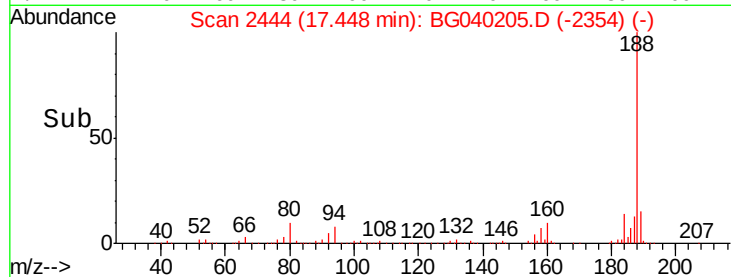
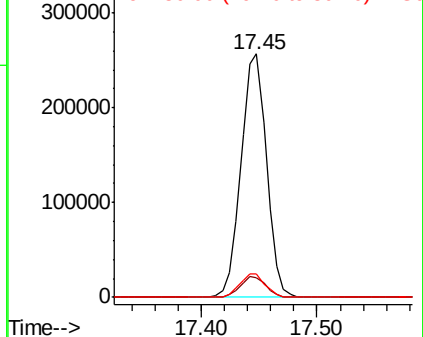
80 9.5 8.6 13.0



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



#67

4-Bromophenyl-phenylether

Concen: 4.459 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.45 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

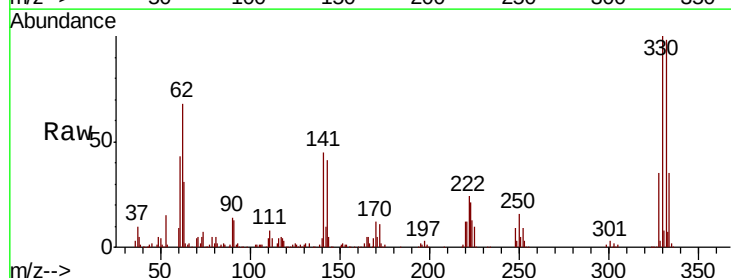
Tgt Ion:248 Resp: 19711

Ion Ratio Lower Upper

248 100

250 183.2 76.4 114.6#

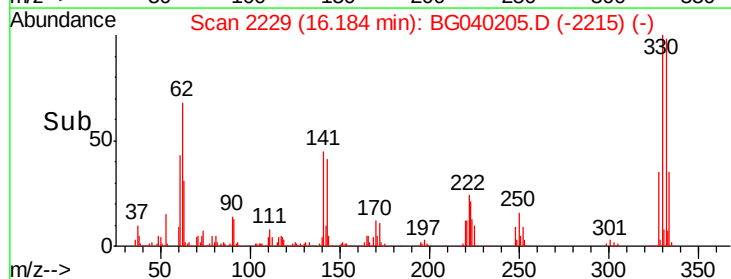
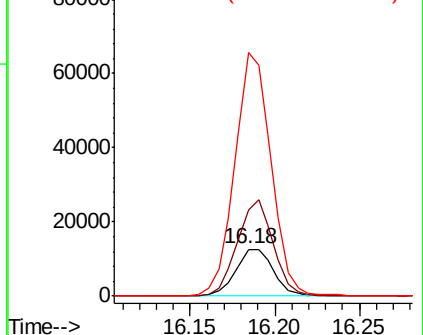
141 517.3 53.8 80.8#

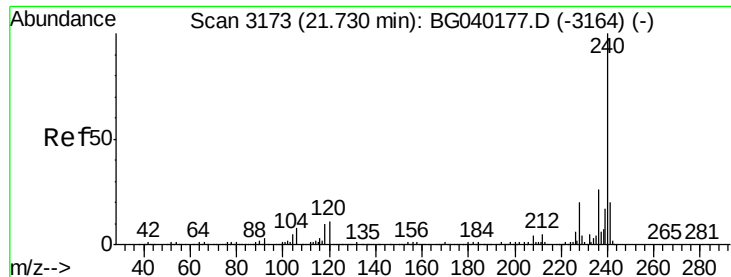


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

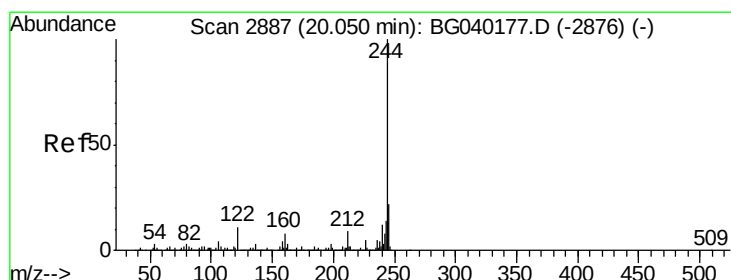
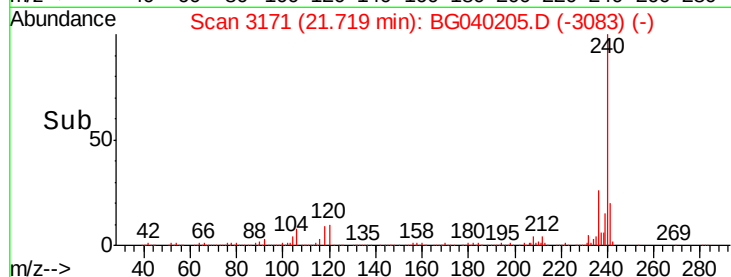
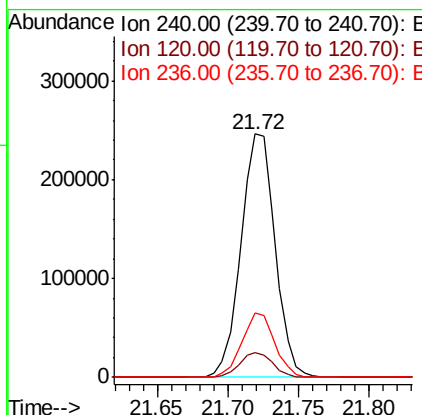
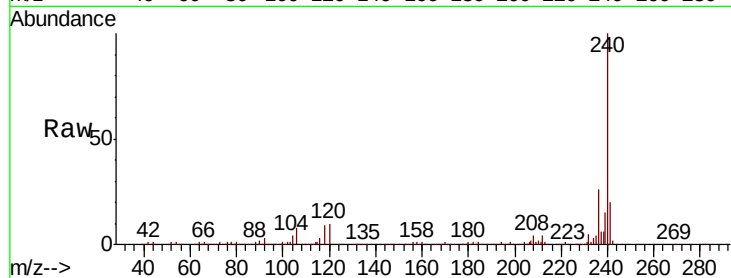




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

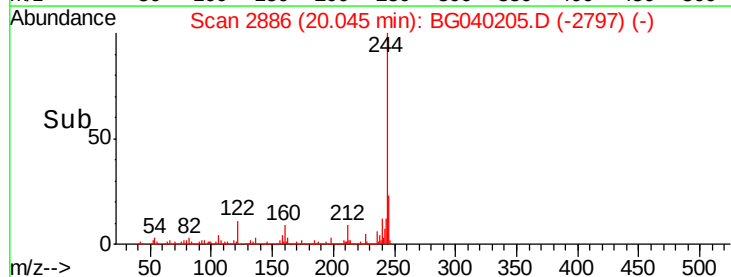
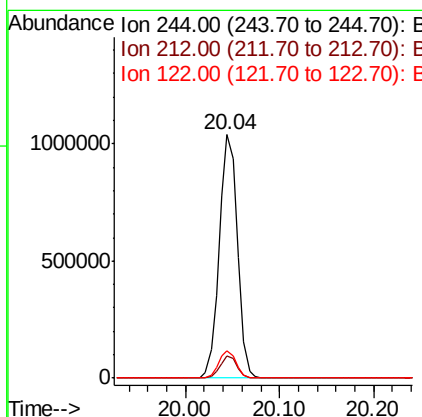
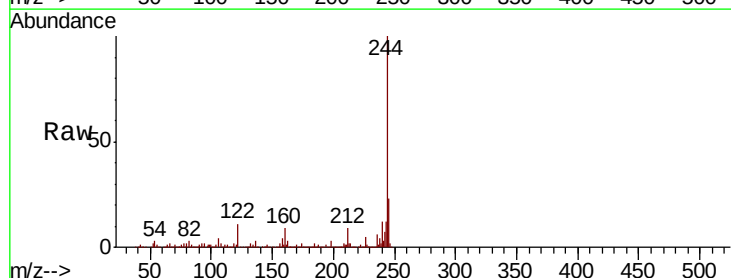
Instrument :
BNA_G
ClientSampleId :
TP-1

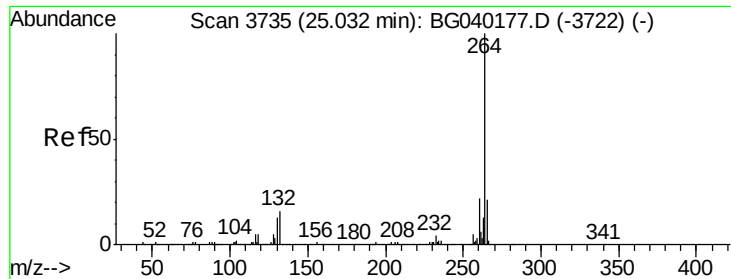
Tgt Ion:240 Resp: 416642
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 75.552 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

Tgt Ion:244 Resp: 1399245
Ion Ratio Lower Upper
244 100
212 9.0 7.0 10.6
122 11.3 8.5 12.7

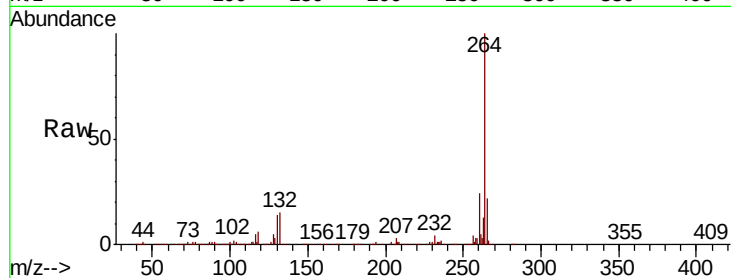




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:	264	Resp:	422126
Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	22.0	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

