

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040207.D
 Acq On : 28 Mar 2019 19:44
 Operator : JU/SJ
 Sample : K2107-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Mar 29 05:47:02 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

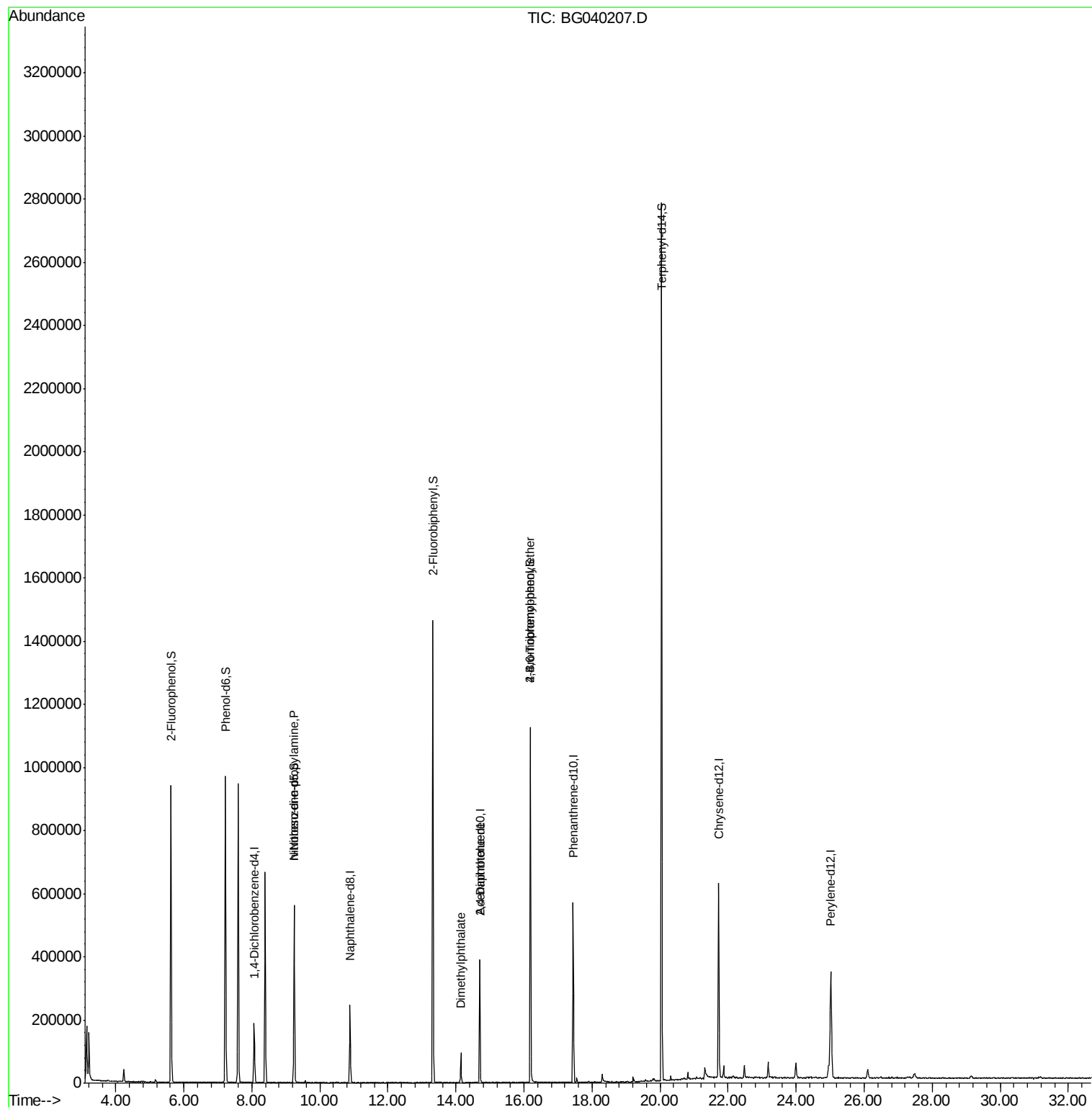
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	53497	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	217589	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	134901	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	342492	20.00	ng	0.00
76) Chrysene-d12	21.72	240	364337	20.00	ng	0.00
87) Perylene-d12	25.02	264	373615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	404441	125.68	ng	0.00
7) Phenol-d6	7.22	99	576579	129.64	ng	0.00
23) Nitrobenzene-d5	9.24	82	339092	82.83	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	200017	137.19	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	782685	85.97	ng	0.00
79) Terphenyl-d14	20.05	244	1311633	80.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	42454	13.314	ng	Qvalue # 72
50) Dimethylphthalate	14.14	163	63180	5.984	ng	# 99
57) 2,4-Dinitrotoluene	14.70	165	17783	5.399	ng	# 26
67) 4-Bromophenyl-phenylether	16.19	248	14961	3.882	ng	# 1

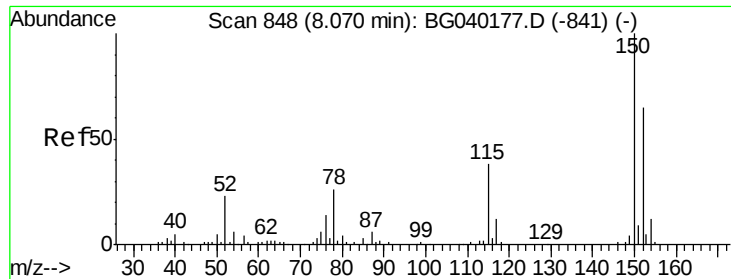
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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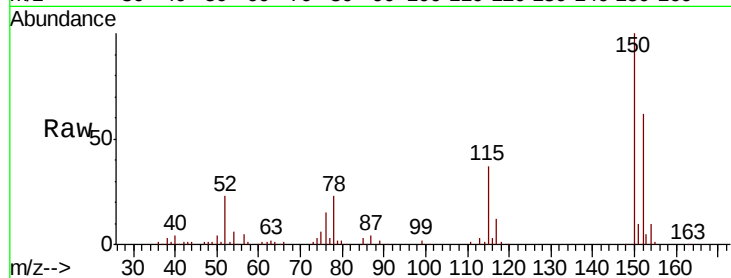


#1

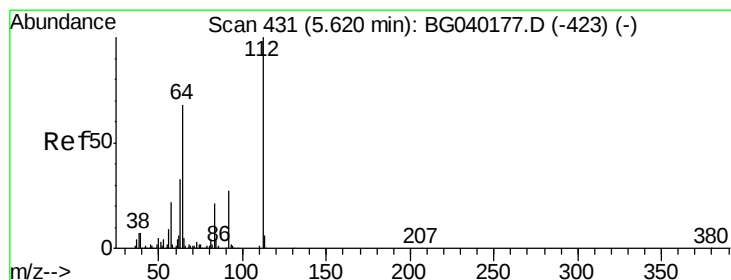
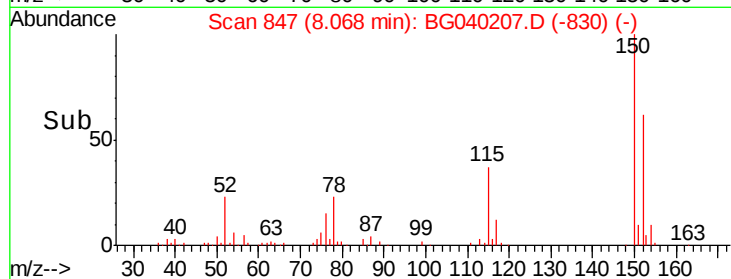
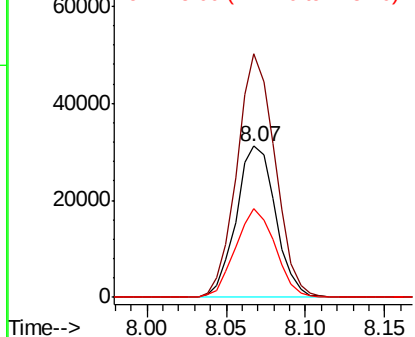
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040207.D
Acq: 28 Mar 2019 19:44

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 53497
Ion Ratio Lower Upper
152 100
150 160.8 123.7 185.5
115 59.0 46.9 70.3



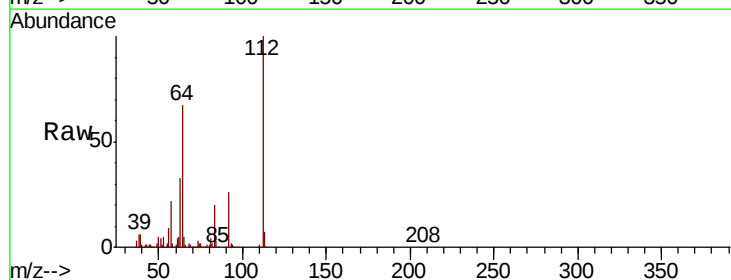
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



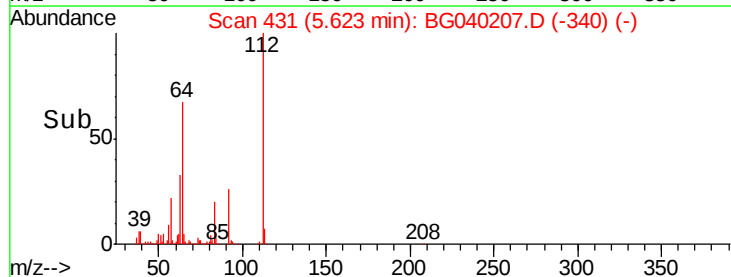
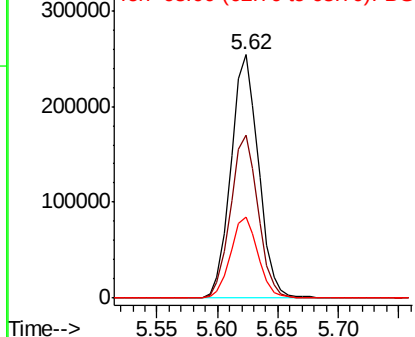
#5

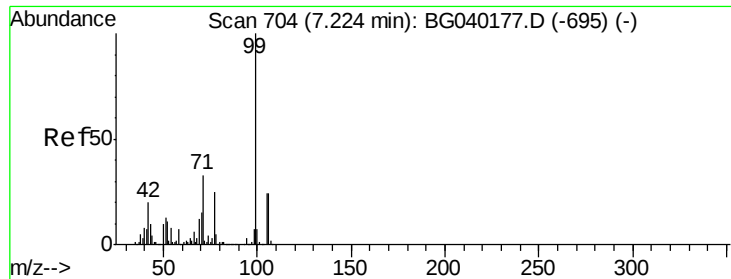
2-Fluorophenol
Concen: 125.680 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040207.D
Acq: 28 Mar 2019 19:44

Tgt Ion:112 Resp: 404441
Ion Ratio Lower Upper
112 100
64 66.8 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: 129.645 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040207.D

Acq: 28 Mar 2019 19:44

Instrument :

BNA_G

ClientSampled :

TP-3

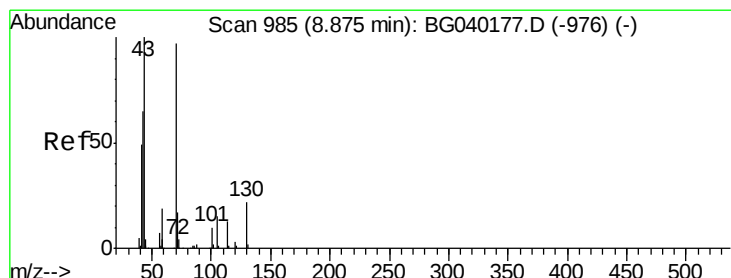
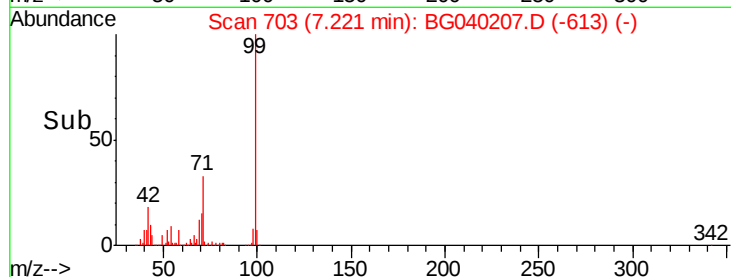
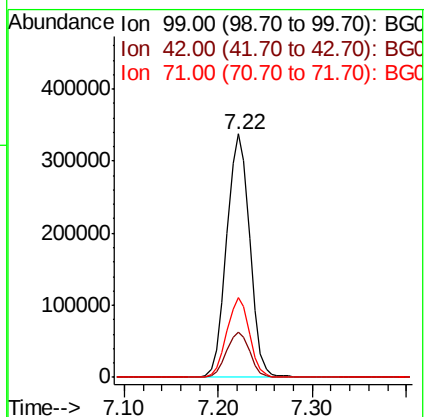
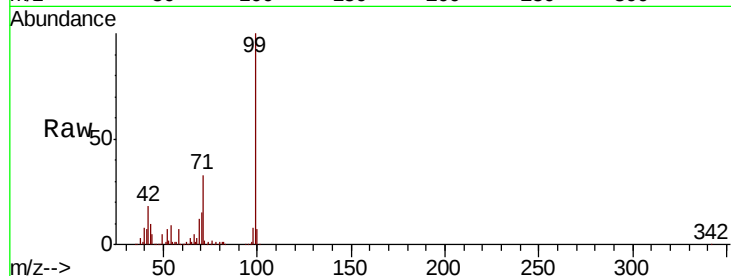
Tgt Ion: 99 Resp: 576579

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.2

71 32.6 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.314 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.37 min

Lab File: BG040207.D

Acq: 28 Mar 2019 19:44

Tgt Ion: 70 Resp: 42454

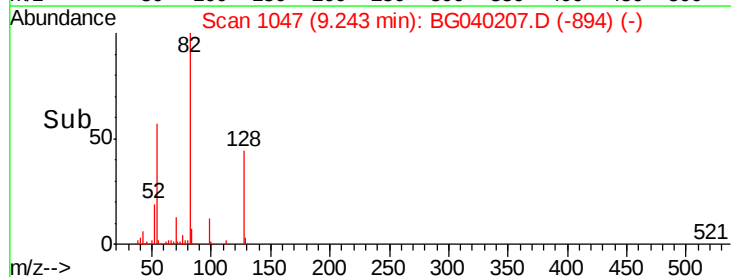
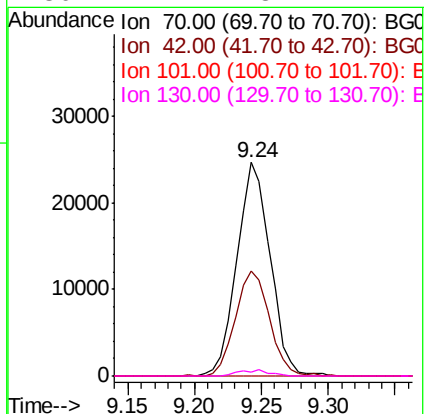
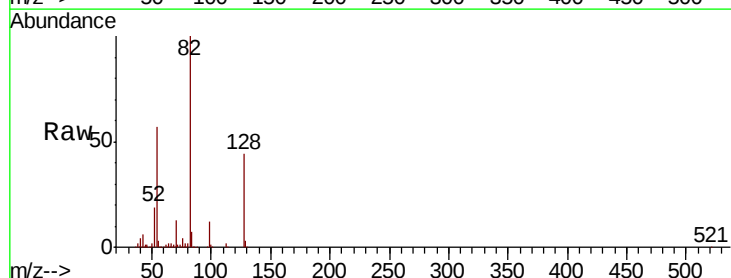
Ion Ratio Lower Upper

70 100

42 49.4 54.0 81.0#

101 0.0 8.6 13.0#

130 2.1 18.2 27.2#

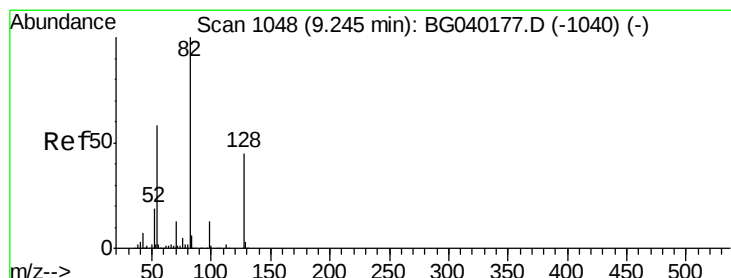
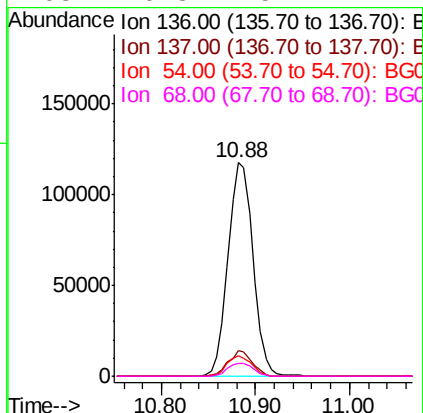
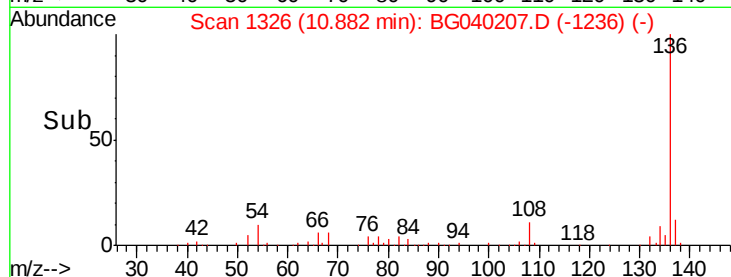
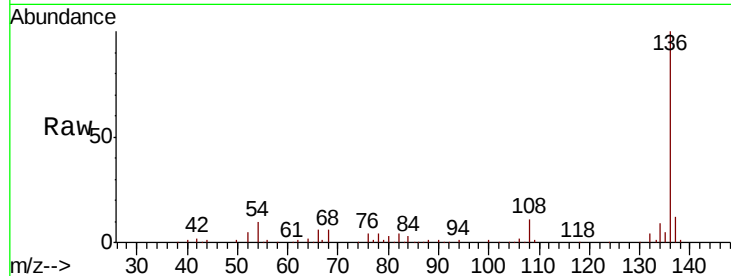




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG040207.D
Acq: 28 Mar 2019 19:44

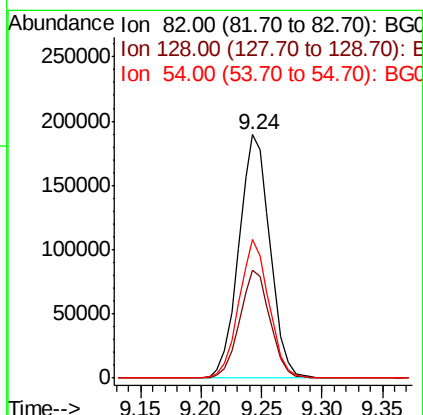
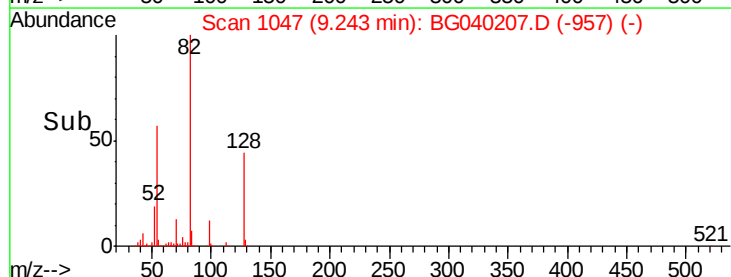
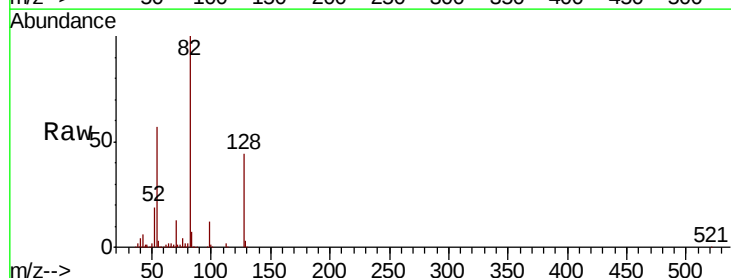
Instrument :
BNA_G
ClientSampleId :
TP-3

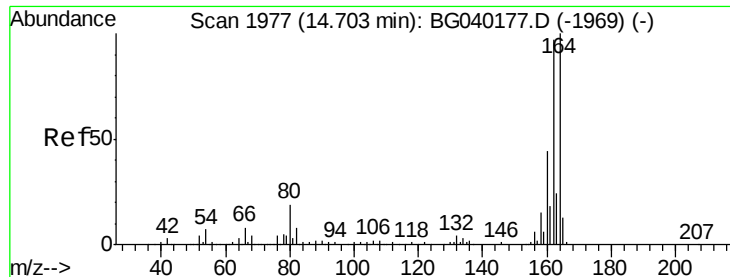
Tgt Ion:	136	Resp:	217589
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	9.8	9.6	14.4
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 82.835 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG040207.D
Acq: 28 Mar 2019 19:44

Tgt Ion:	82	Resp:	339092
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.8	53.8
54	57.0	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: BG040207.D

Acq: 28 Mar 2019 19:44

Instrument :

BNA_G

ClientSampleId :

TP-3

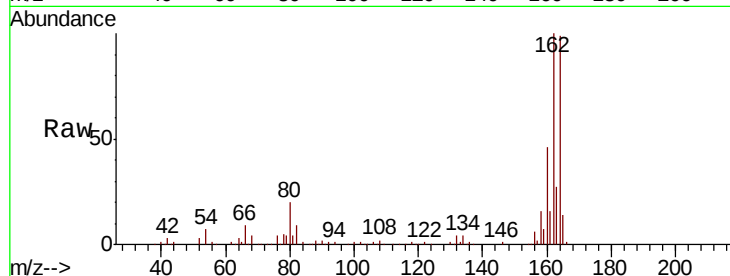
Tgt Ion:164 Resp: 134901

Ion Ratio Lower Upper

164 100

162 101.1 77.4 116.2

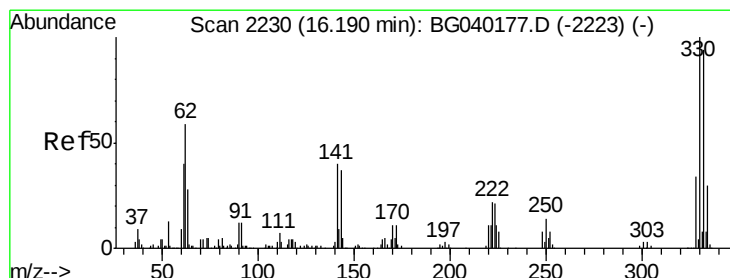
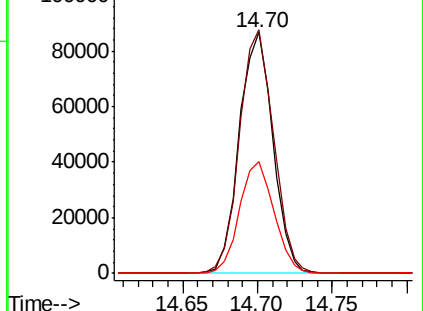
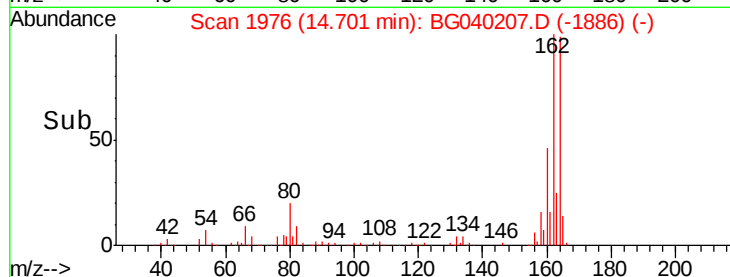
160 46.5 35.3 52.9



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: 137.193 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG040207.D

Acq: 28 Mar 2019 19:44

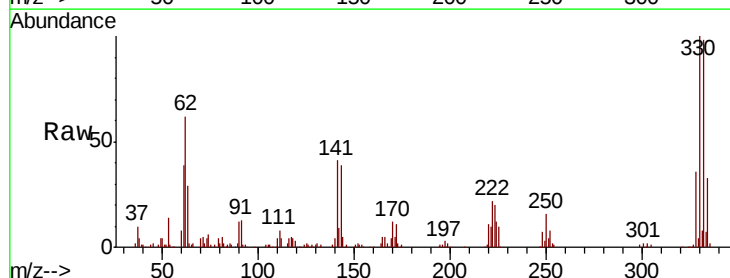
Tgt Ion:330 Resp: 200017

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

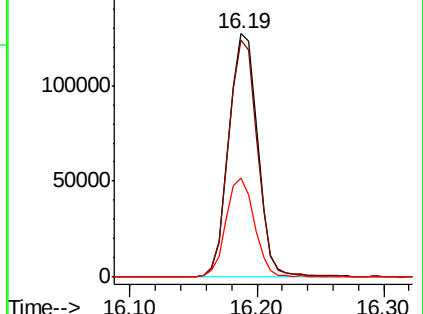
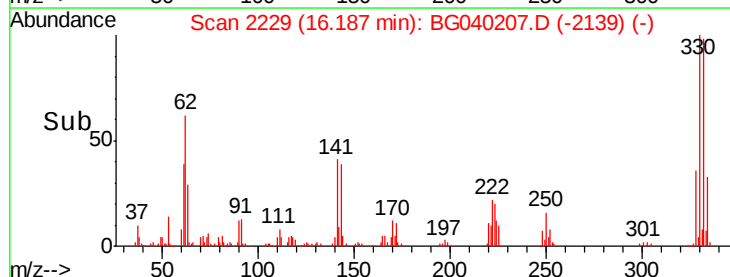
141 40.2 32.6 48.8



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

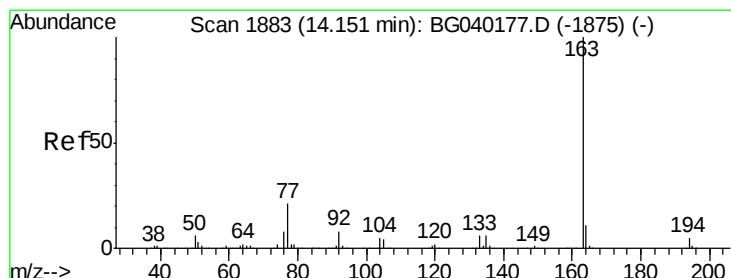
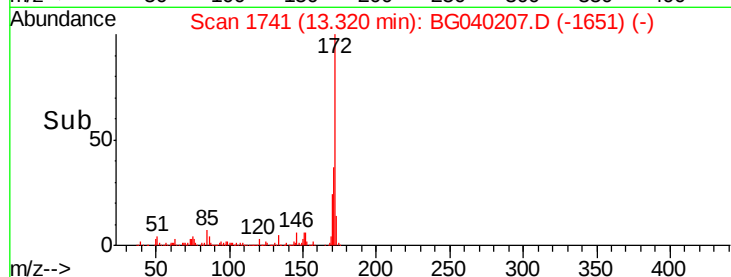
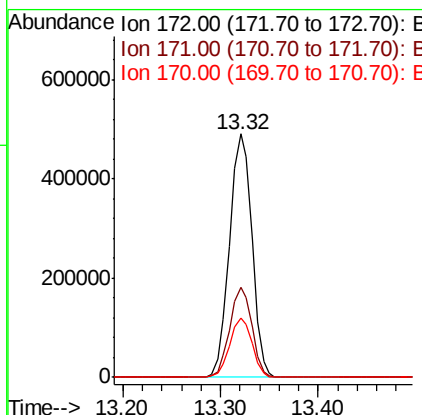
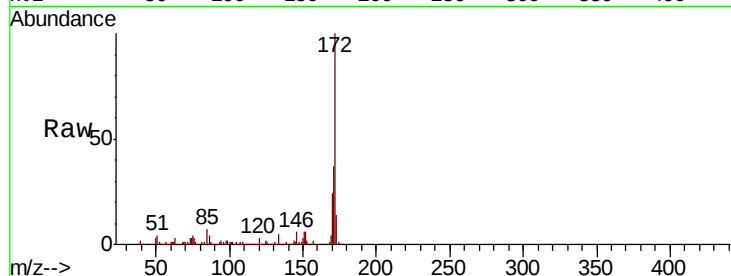




#45
2-Fluorobiphenyl
Concen: 85.971 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG040207.D
Acq: 28 Mar 2019 19:44

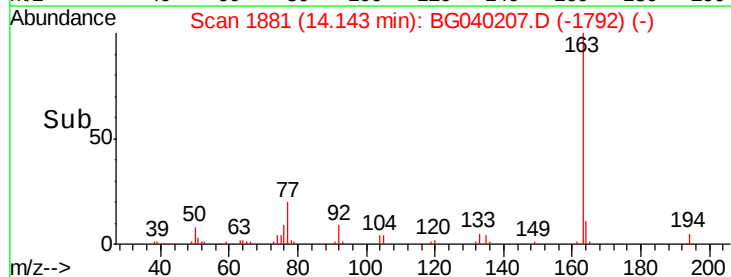
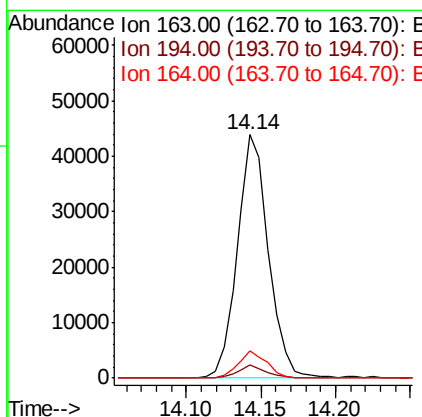
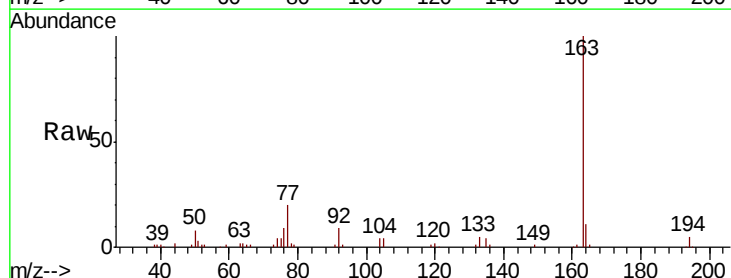
Instrument :
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TP-3

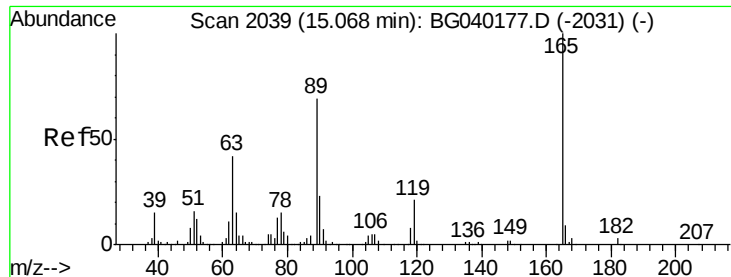
Tgt Ion:172 Resp: 782685
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.3 20.1 30.1



#50
Dimethylphthalate
Concen: 5.984 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG040207.D
Acq: 28 Mar 2019 19:44

Tgt Ion:163 Resp: 63180
Ion Ratio Lower Upper
163 100
194 5.2 4.1 6.1
164 11.5 8.6 13.0

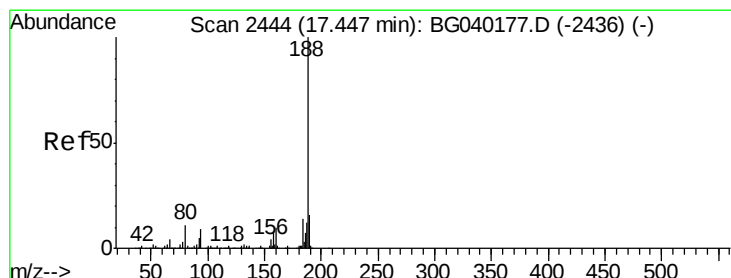
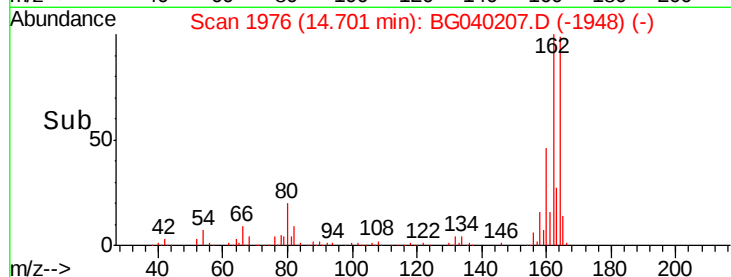
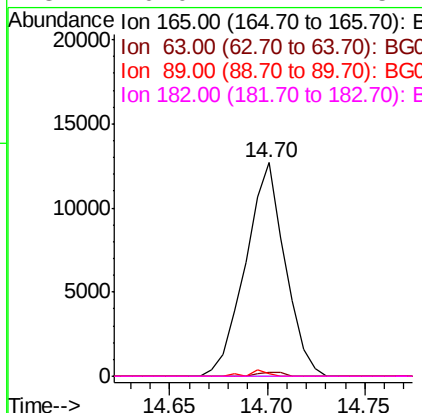
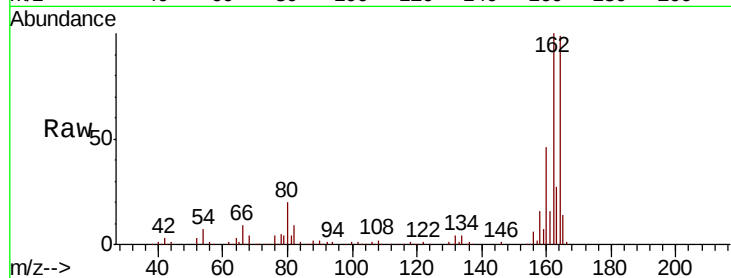




#57
 2,4-Dinitrotoluene
 Concen: 5.399 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG040207.D
 Acq: 28 Mar 2019 19:44

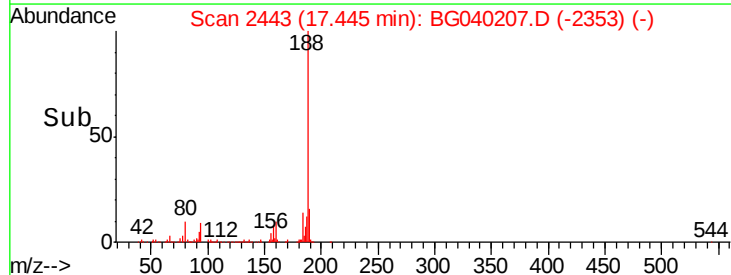
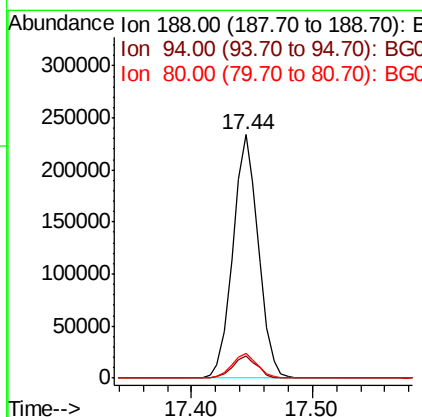
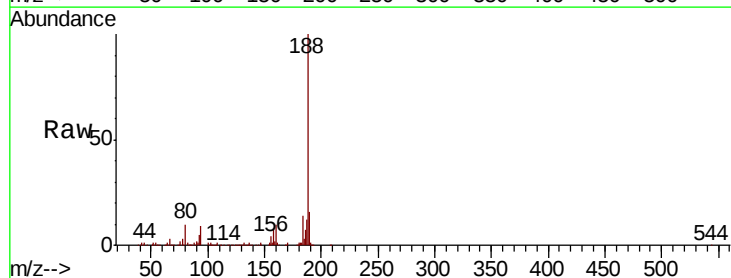
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:	165	Resp:	17783
Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.8	50.6#
89	1.3	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG040207.D
 Acq: 28 Mar 2019 19:44

Tgt Ion:	188	Resp:	342492
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.0	8.6	13.0

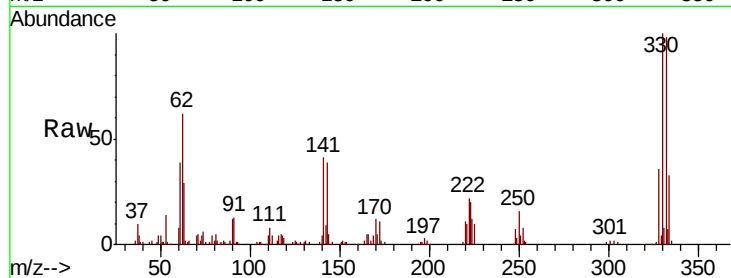




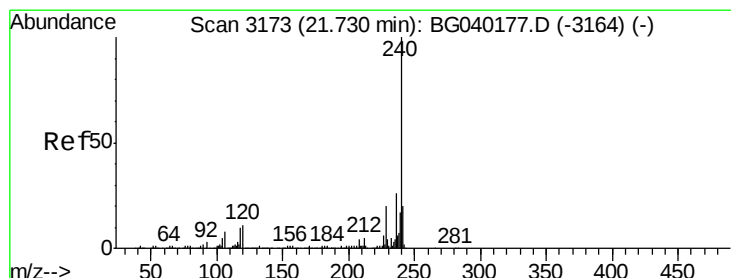
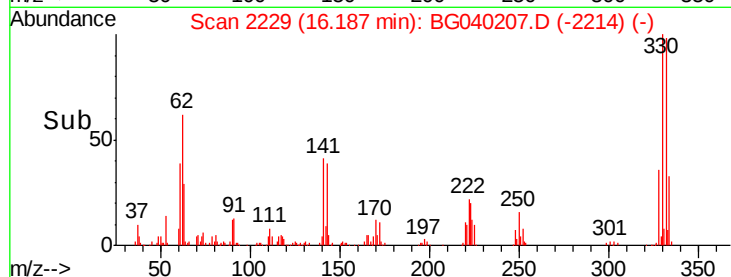
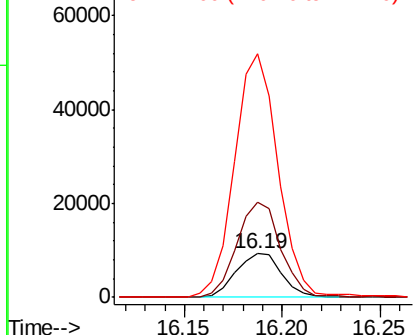
#67
 4-Bromophenyl-phenylether
 Concen: 3.882 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG040207.D
 Acq: 28 Mar 2019 19:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:248 Resp: 14961
 Ion Ratio Lower Upper
 248 100
 250 217.8 76.4 114.6#
 141 556.1 53.8 80.8#

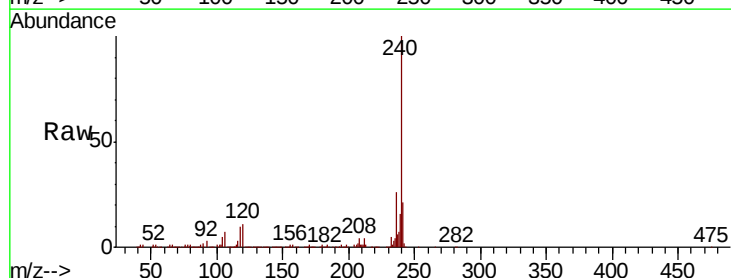


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

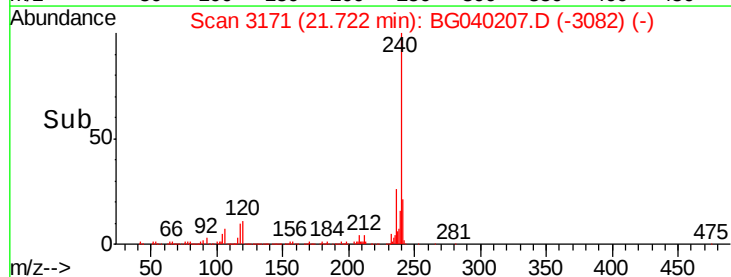
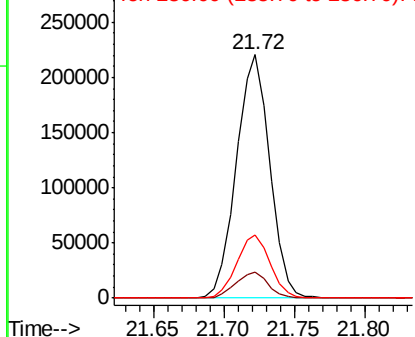


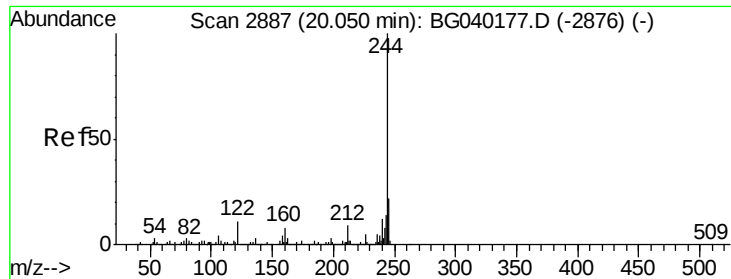
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG040207.D
 Acq: 28 Mar 2019 19:44

Tgt Ion:240 Resp: 364337
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 25.8 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: 80.989 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040207.D

Acq: 28 Mar 2019 19:44

Instrument :

BNA_G

ClientSampleId :

TP-3

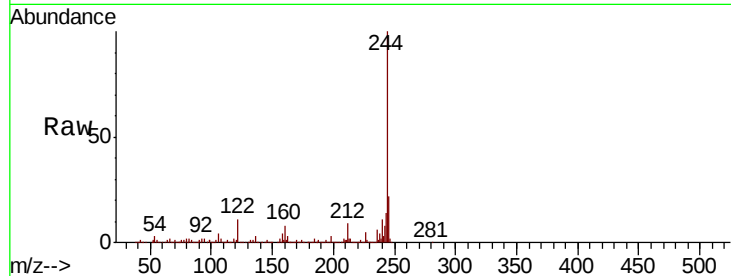
Tgt Ion:244 Resp: 1311633

Ion Ratio Lower Upper

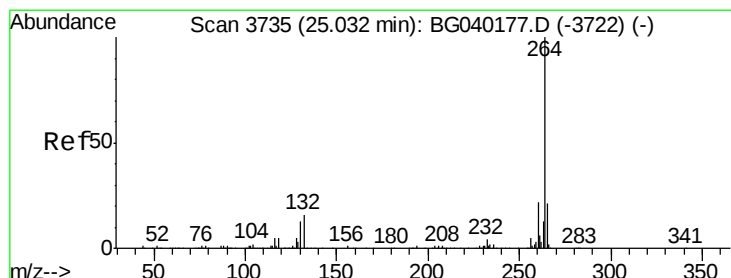
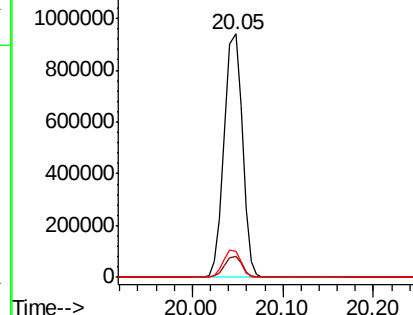
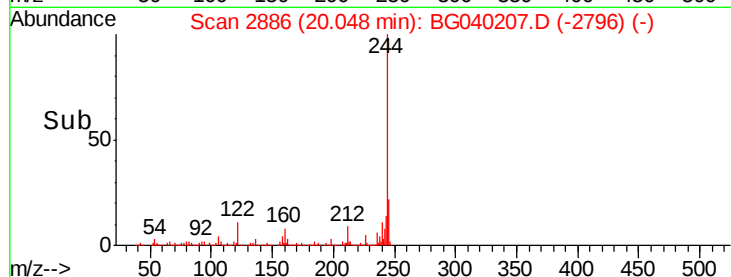
244 100

212 8.8 7.0 10.6

122 10.5 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: BG040207.D

Acq: 28 Mar 2019 19:44

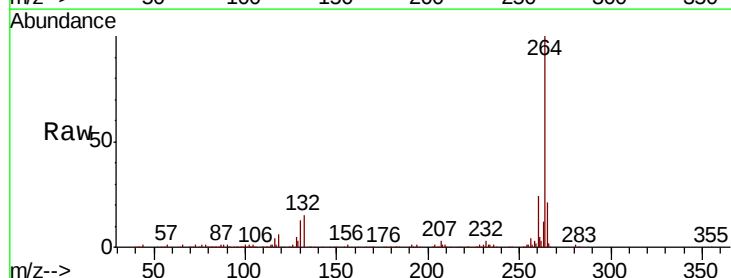
Tgt Ion:264 Resp: 373615

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 20.7 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

