

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040907.D
 Acq On : 12 May 2019 13:32
 Operator : HP/JU
 Sample : K2768-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-02

Quant Time: May 13 03:55:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

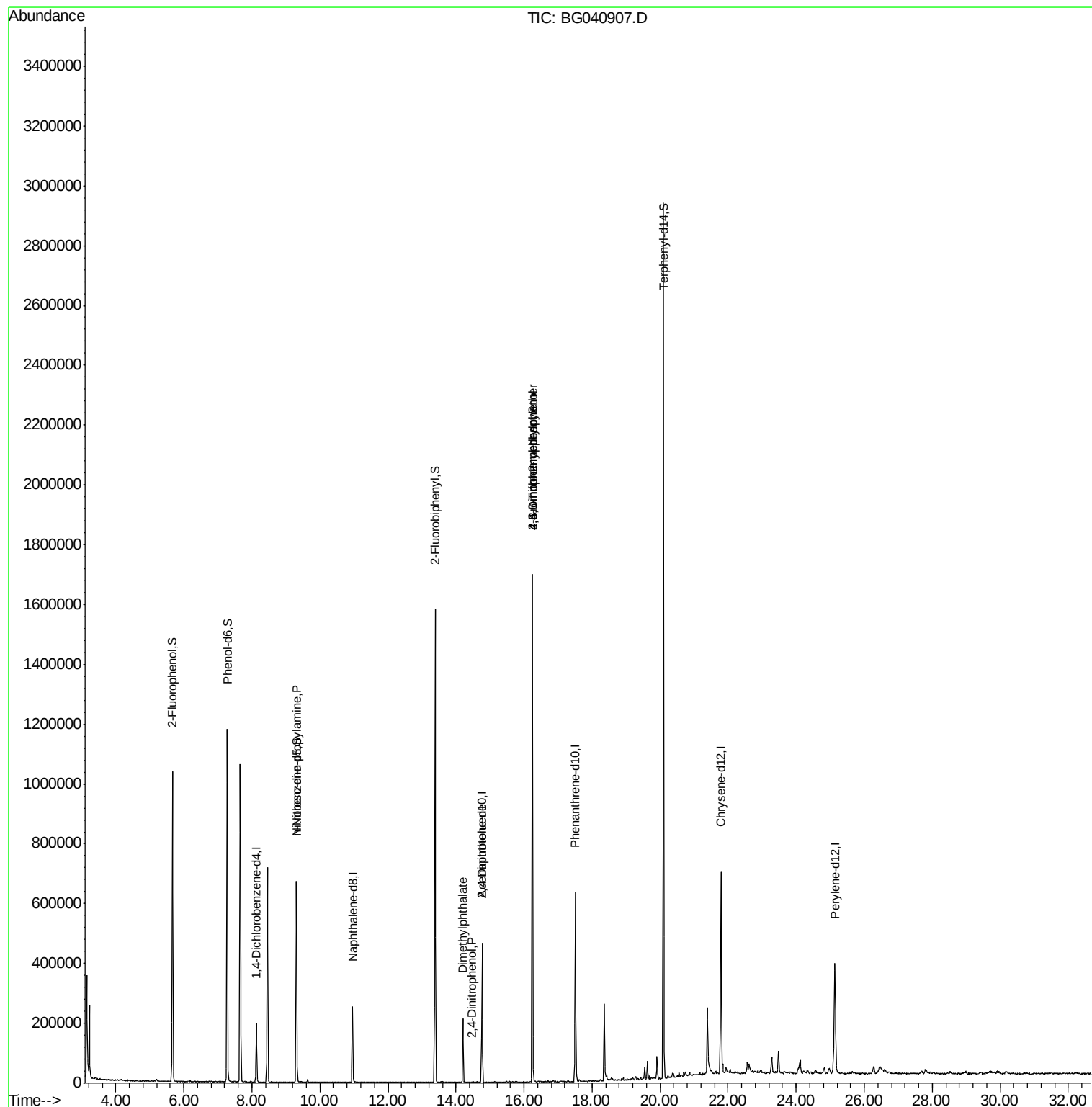
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	49724	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	206202	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	159791	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	407037	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	410678	20.00	ng	-0.04
87) Perylene-d12	25.13	264	437445	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	386889	137.16	ng	-0.02
7) Phenol-d6	7.27	99	589791	135.80	ng	-0.02
23) Nitrobenzene-d5	9.31	82	406014	90.98	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	312979	142.50	ng	-0.02
45) 2-Fluorobiphenyl	13.38	172	800597	72.36	ng	-0.03
79) Terphenyl-d14	20.10	244	1374088	74.13	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	1539	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.31	70	58322	14.917	ng	# 73
50) Dimethylphthalate	14.21	163	136355	10.199	ng	# 96
54) 2,4-Dinitrophenol	14.46	184	74	7.061	ng	# 21
57) 2,4-Dinitrotoluene	14.76	165	21304	6.009	ng	# 16
65) 4,6-Dinitro-2-methylphenol	16.25	198	492	7.310	ng	# 1
67) 4-Bromophenyl-phenylether	16.25	248	24431	4.818	ng	# 1

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

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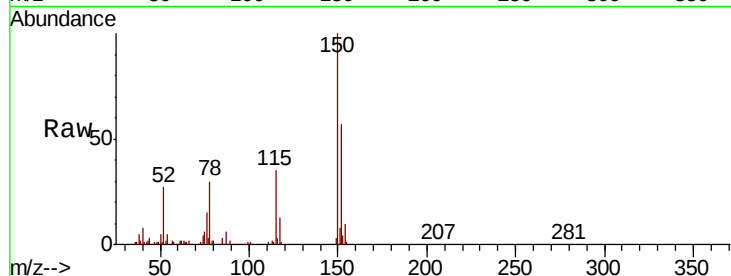


#1

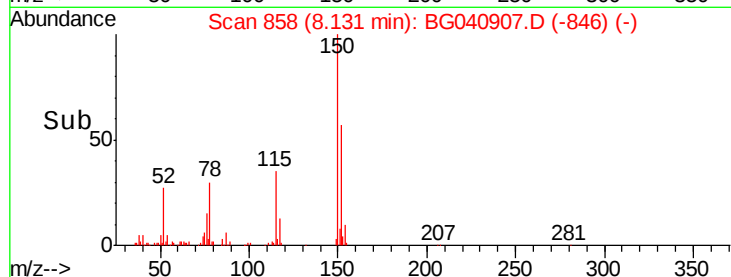
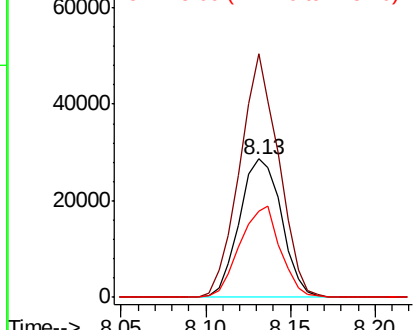
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-02

Tgt Ion:152 Resp: 49724
Ion Ratio Lower Upper
152 100
150 176.0 120.2 180.2
115 62.3 46.2 69.2



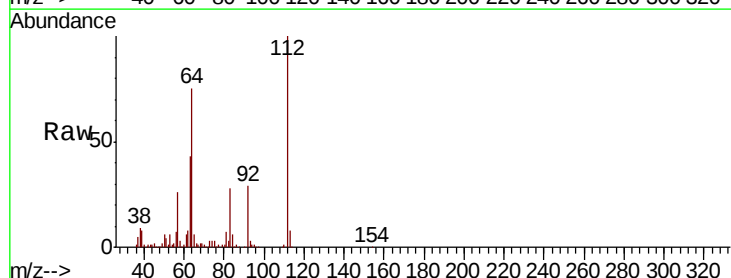
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



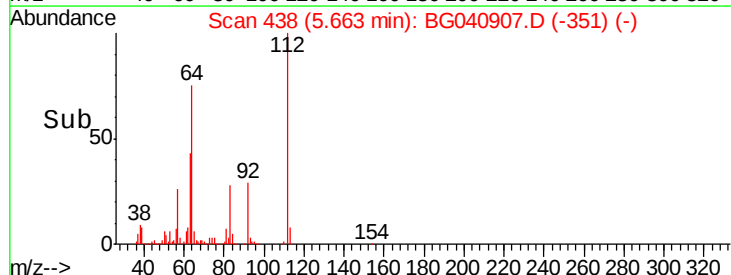
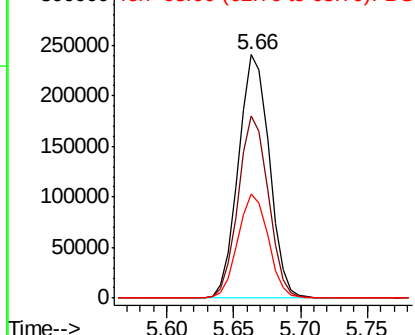
#5

2-Fluorophenol
Concen: 137.156 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

Tgt Ion:112 Resp: 386889
Ion Ratio Lower Upper
112 100
64 74.8 61.4 92.0
63 42.9 37.8 56.6



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: 135.796 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-02

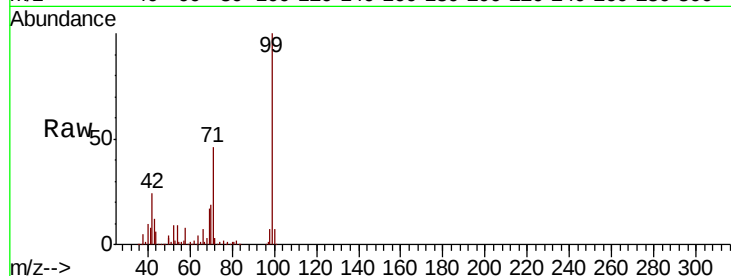
Tgt Ion: 99 Resp: 589791

Ion Ratio Lower Upper

99 100

42 24.1 21.8 32.8

71 45.6 38.6 57.8



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

400000

300000

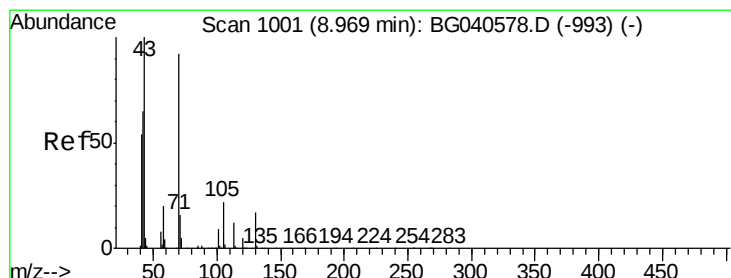
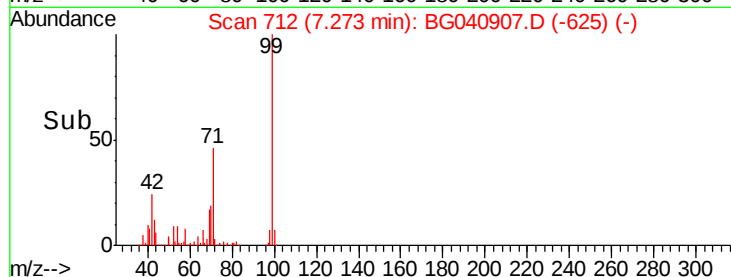
200000

100000

0

7.27

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.917 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

Tgt Ion: 70 Resp: 58322

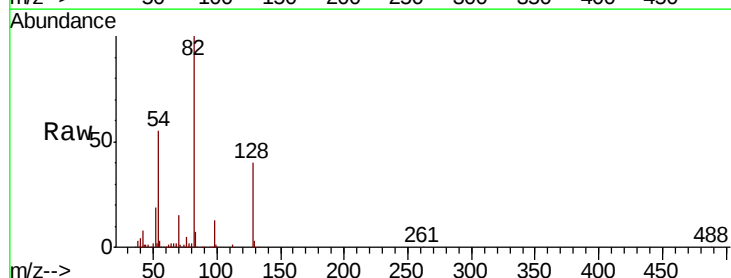
Ion Ratio Lower Upper

70 100

42 51.5 57.1 85.7#

101 0.0 7.8 11.8#

130 1.6 14.6 21.8#



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

50000

40000

30000

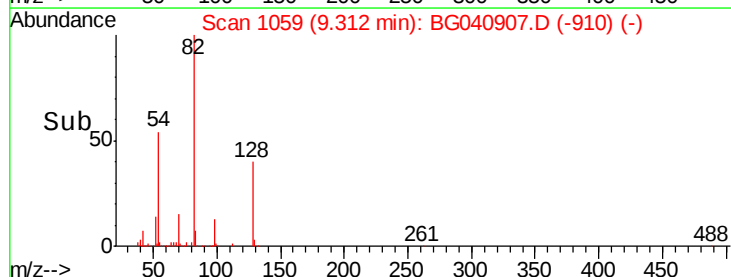
20000

10000

0

9.31

Time-->

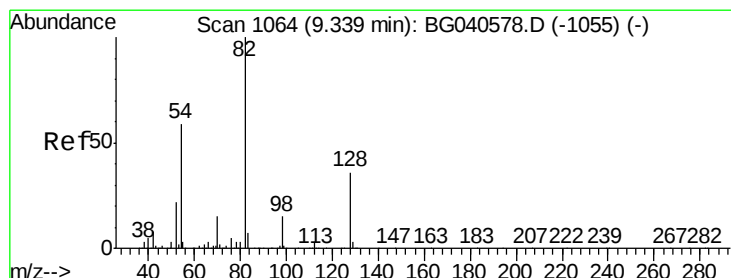
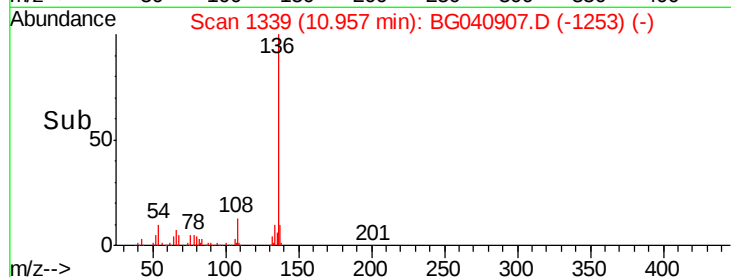
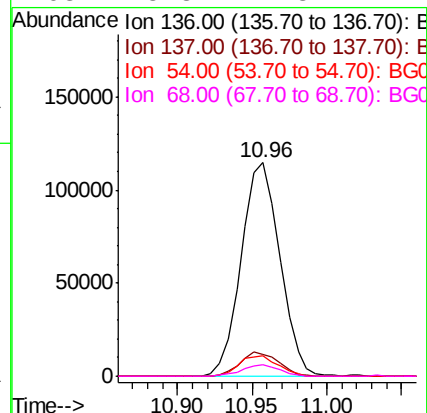
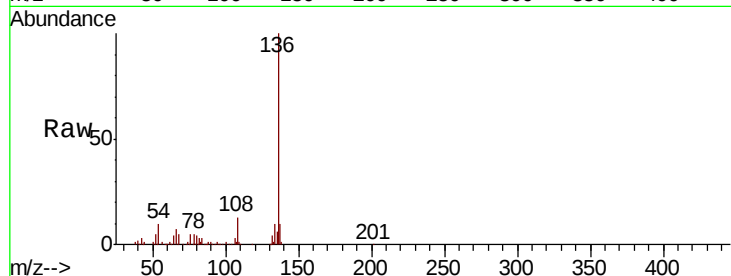




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

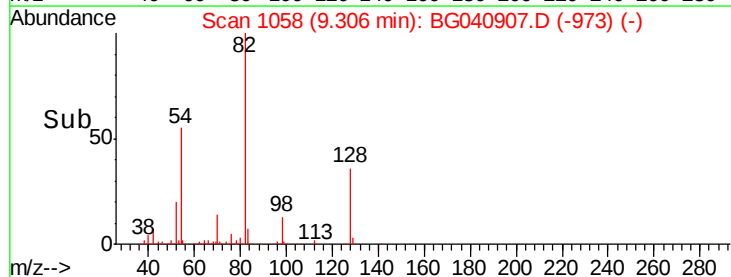
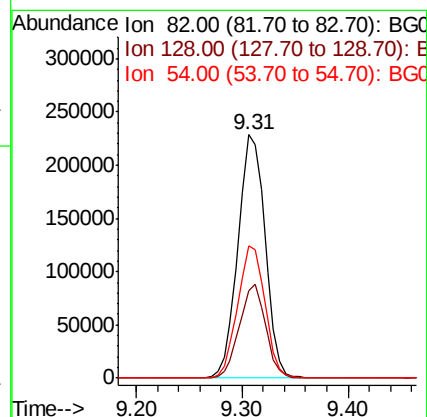
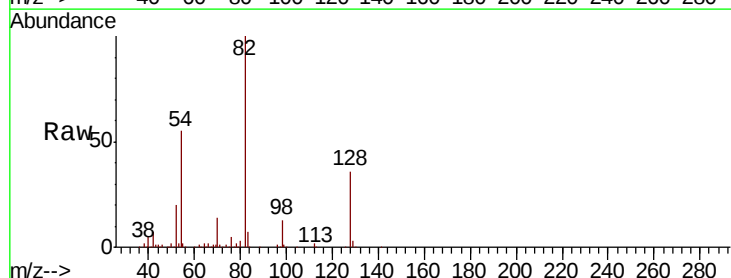
Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-02

Tgt Ion:	136	Resp:	206202
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.7	14.5
54	9.5	8.6	12.8
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 90.981 ng
RT: 9.31 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

Tgt Ion:	82	Resp:	406014
Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	54.5	47.2	70.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-02

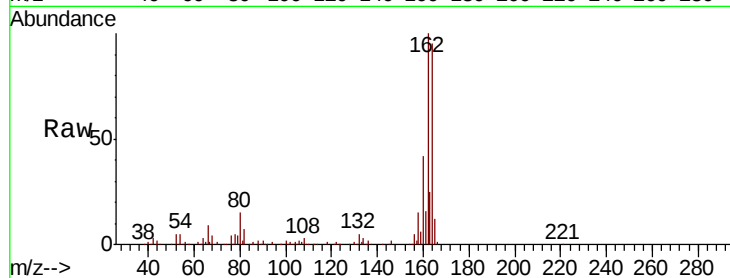
Tgt Ion:164 Resp: 159791

Ion Ratio Lower Upper

164 100

162 105.0 81.9 122.9

160 43.8 35.4 53.2

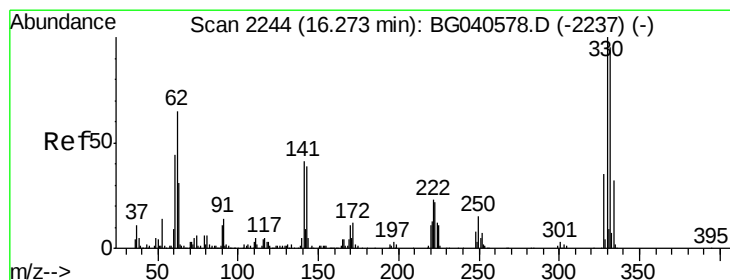
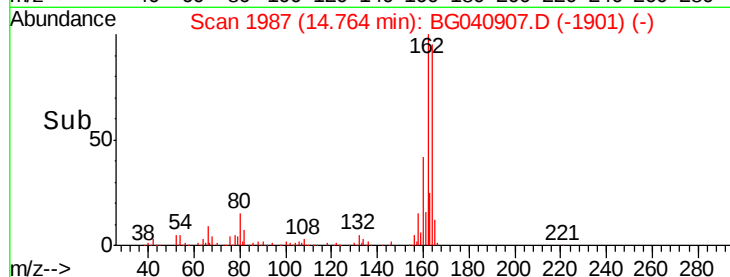
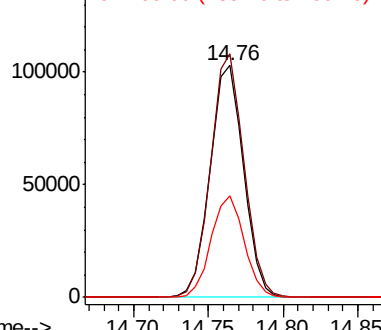


Abundance

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: 142.499 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

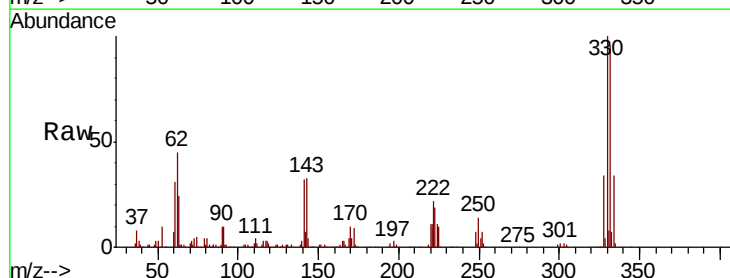
Tgt Ion:330 Resp: 312979

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

141 35.5 32.4 48.6

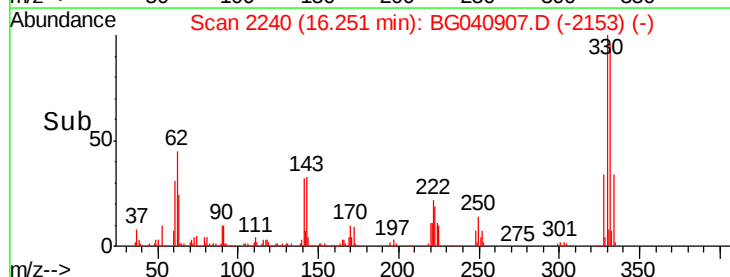
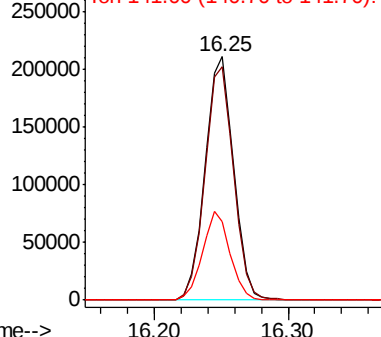


Abundance

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

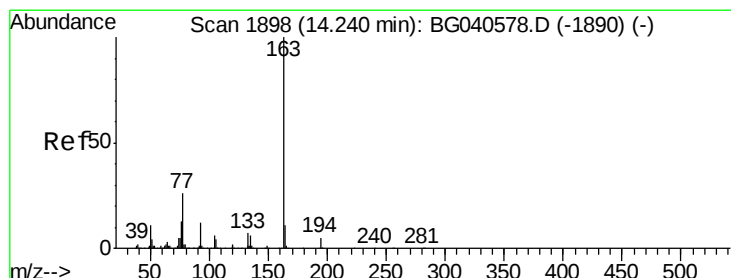
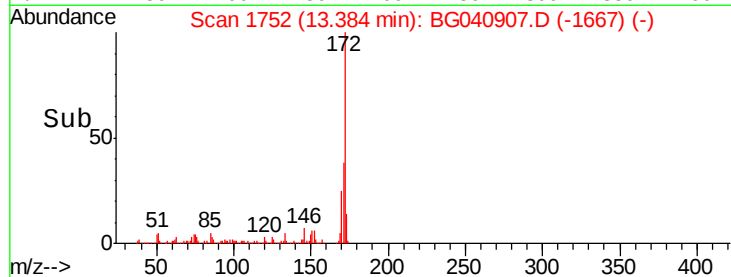
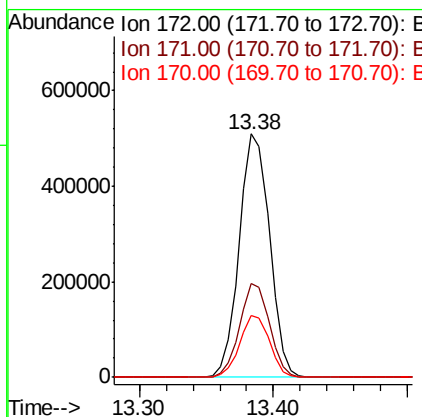
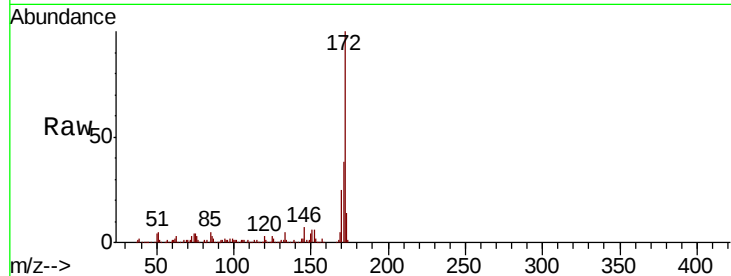




#45
 2-Fluorobiphenyl
 Concen: 72.358 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040907.D
 Acq: 12 May 2019 13:32

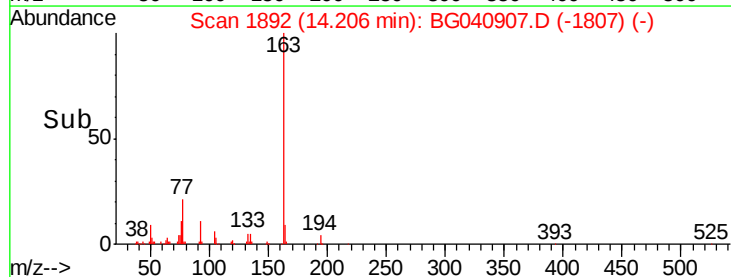
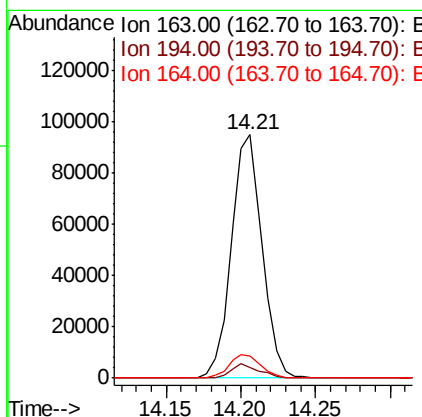
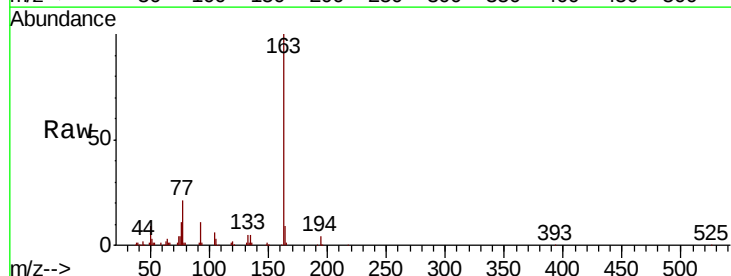
Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-02

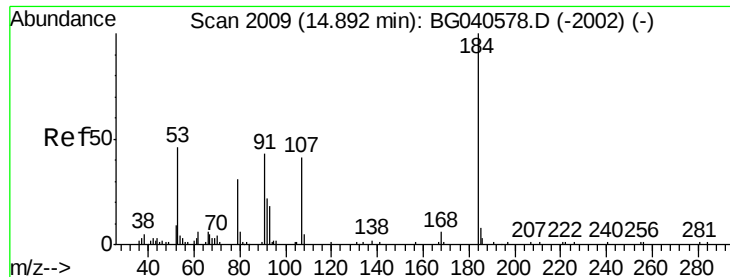
Tgt Ion:	172	Resp:	800597
Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.4	44.2
170	25.2	19.9	29.9



#50
 Dimethylphthalate
 Concen: 10.199 ng
 RT: 14.21 min Scan# 1892
 Delta R.T. -0.03 min
 Lab File: BG040907.D
 Acq: 12 May 2019 13:32

Tgt Ion:	163	Resp:	136355
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.8
164	8.9	8.8	13.2

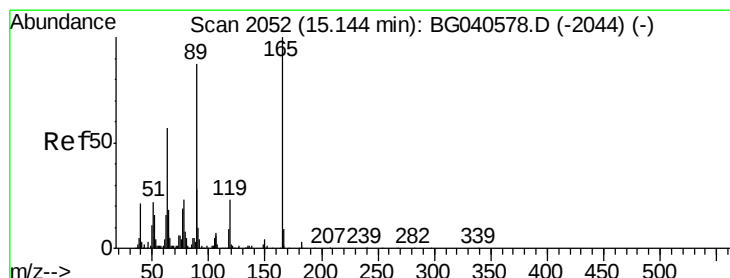
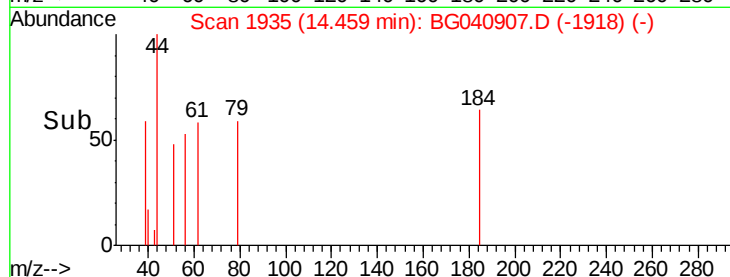
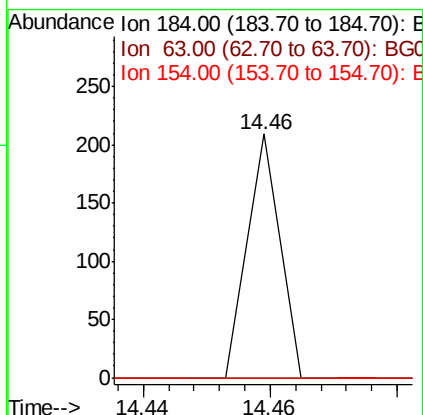
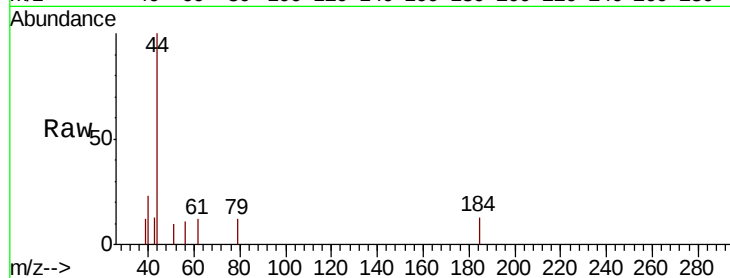




#54
2,4-Dinitrophenol
Concen: 7.061 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.43 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

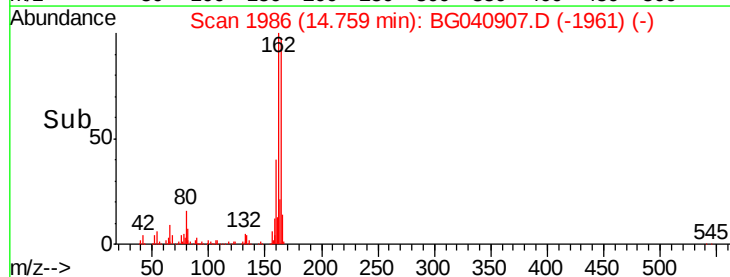
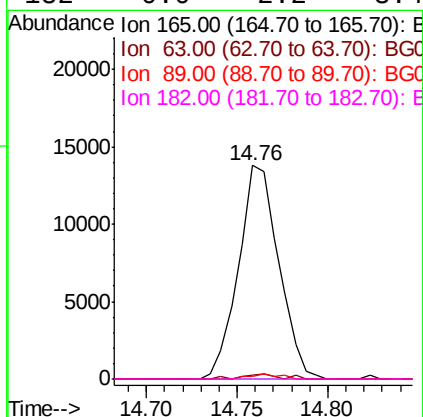
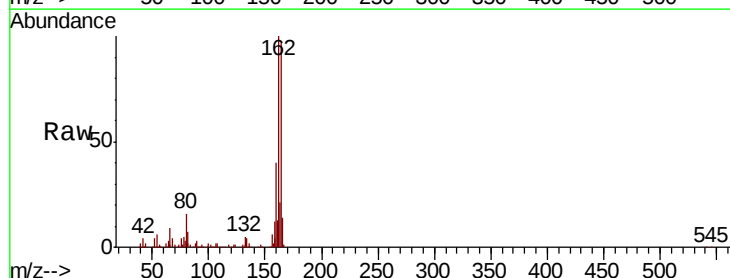
Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-02

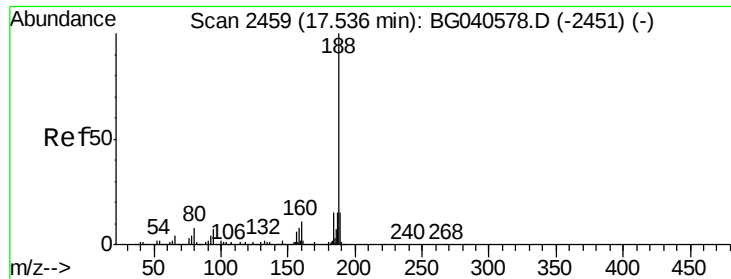
Tgt Ion:184 Resp: 74
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.009 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.39 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

Tgt Ion:165 Resp: 21304
Ion Ratio Lower Upper
165 100
63 1.7 45.8 68.8#
89 1.1 69.4 104.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-02

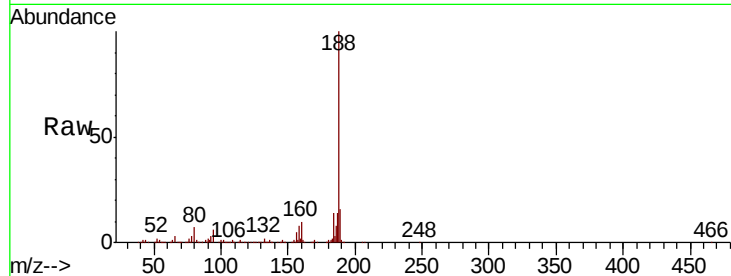
Tgt Ion:188 Resp: 407037

Ion Ratio Lower Upper

188 100

94 5.8 5.6 8.4

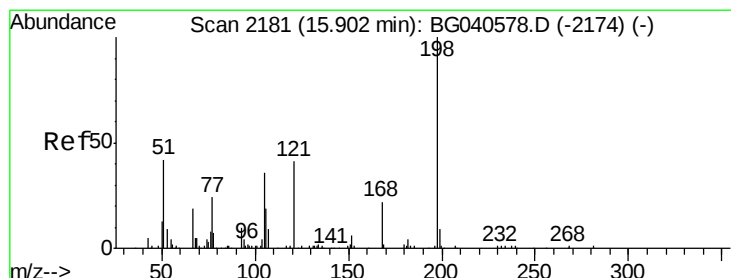
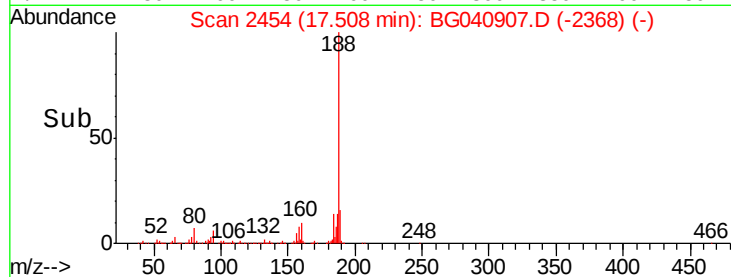
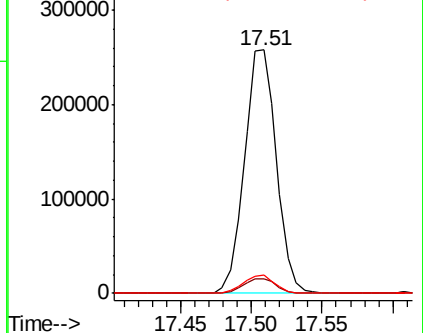
80 7.3 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 7.310 ng

RT: 16.25 min Scan# 2240

Delta R.T. 0.35 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

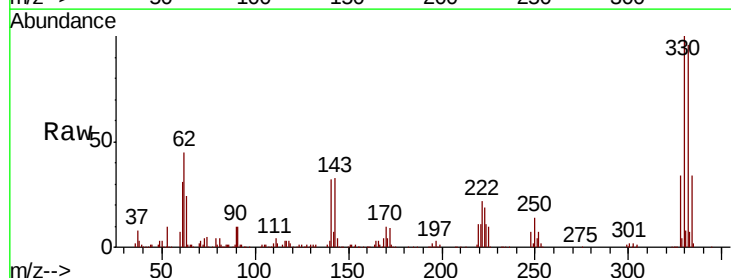
Tgt Ion:198 Resp: 492

Ion Ratio Lower Upper

198 100

51 85.9 35.9 75.9#

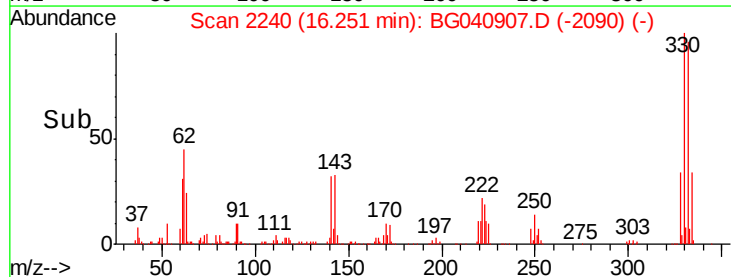
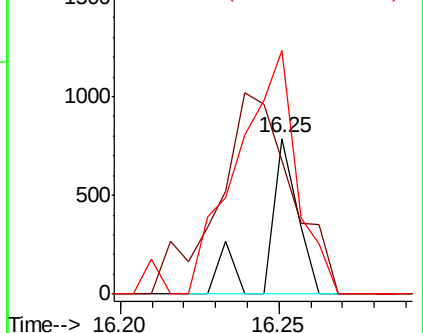
105 156.5 21.2 61.2#

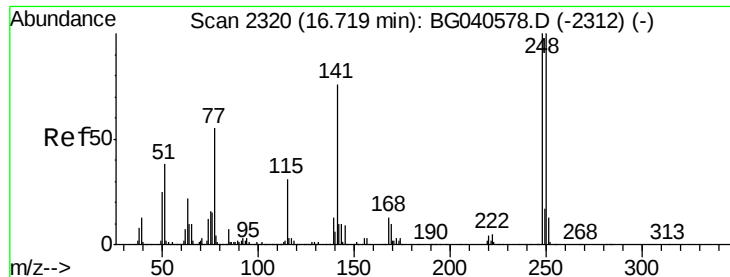


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

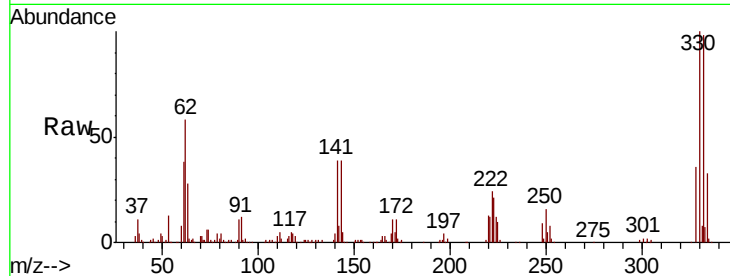




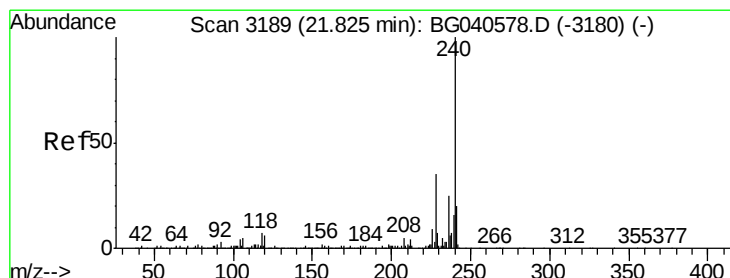
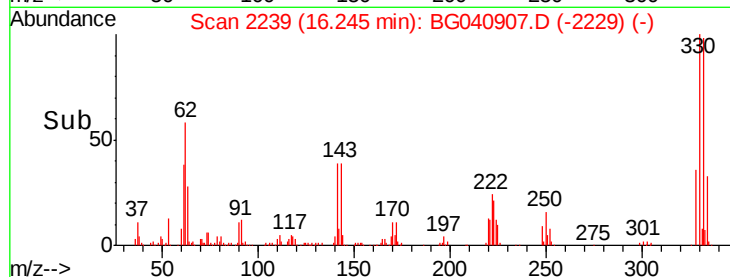
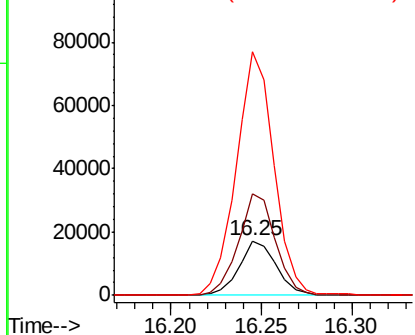
#67
4-Bromophenyl-phenylether
Concen: 4.818 ng
RT: 16.25 min Scan# 2239
Delta R.T. -0.47 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-02

Tgt Ion:248 Resp: 24431
Ion Ratio Lower Upper
248 100
250 185.5 79.8 119.6#
141 446.8 60.8 91.2#

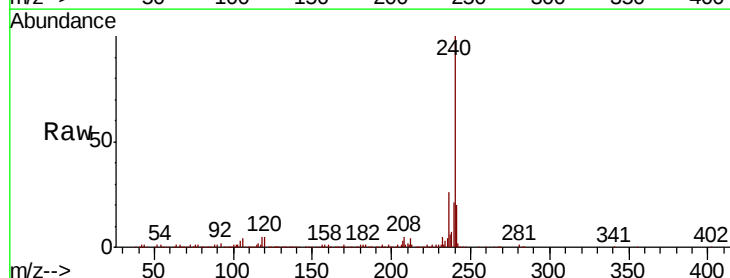


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

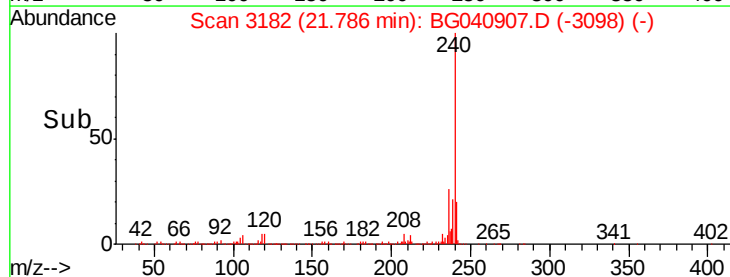
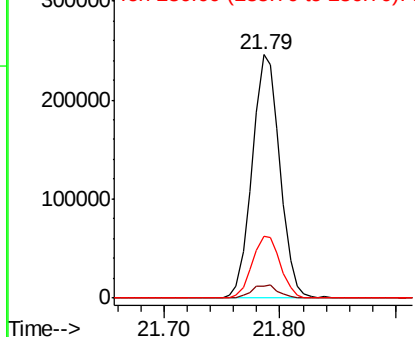


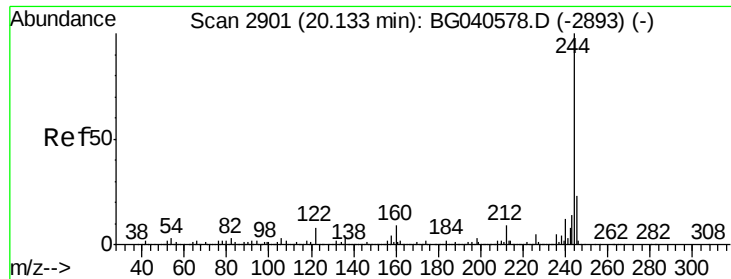
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

Tgt Ion:240 Resp: 410678
Ion Ratio Lower Upper
240 100
120 4.8 5.0 7.6#
236 25.6 20.3 30.5



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: 74.126 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-02

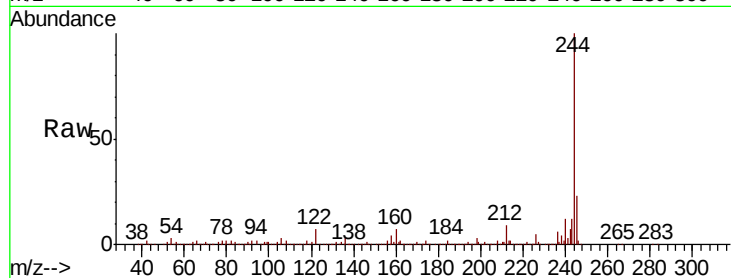
Tgt Ion:244 Resp: 1374088

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

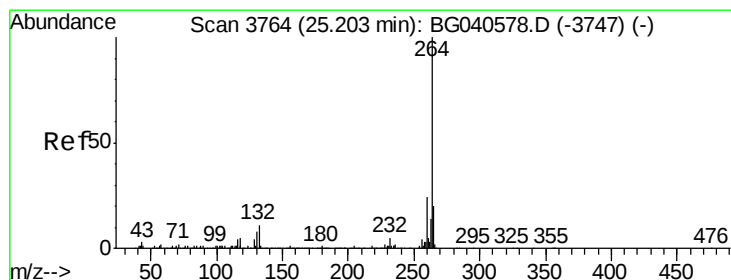
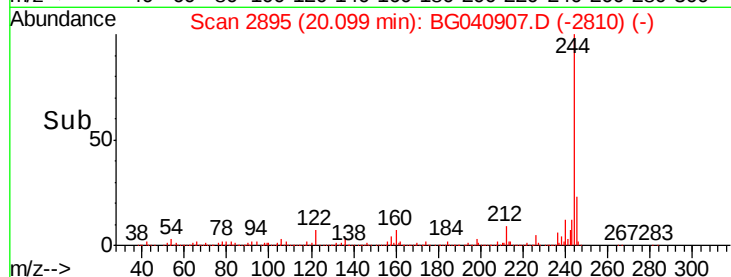
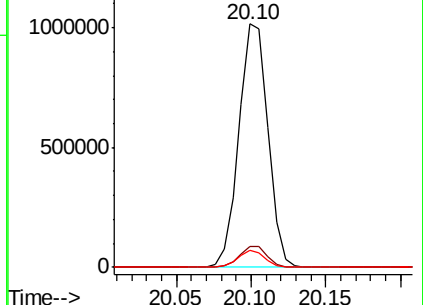
122 7.2 6.6 10.0



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: 25.13 min Scan# 3752

Delta R.T. -0.07 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

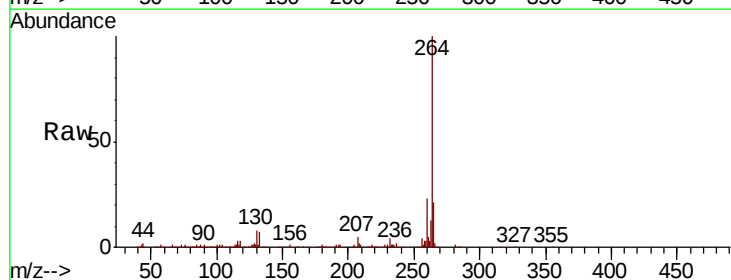
Tgt Ion:264 Resp: 437445

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.1 16.6 25.0



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

