

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040897.D
 Acq On : 12 May 2019 7:14
 Operator : HP/JU
 Sample : K2763-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0002-01

Quant Time: May 13 03:52:06 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

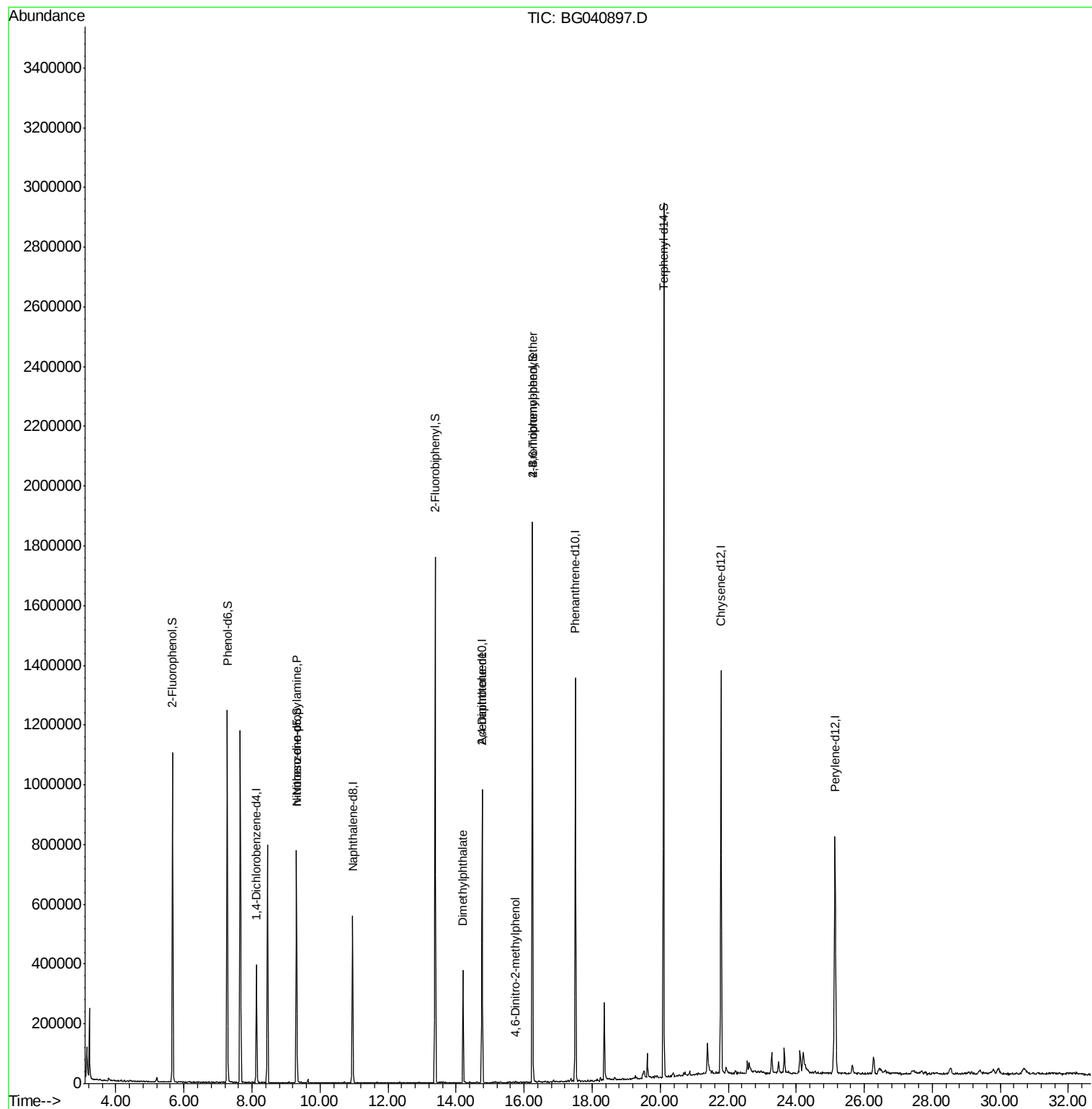
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	102578	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	432680	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	324841	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	824049	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	840346	20.00	ng	-0.04
87) Perylene-d12	25.14	264	915175	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	422313	72.57	ng	-0.02
7) Phenol-d6	7.28	99	647803	72.30	ng	-0.02
23) Nitrobenzene-d5	9.31	82	456409	48.74	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	348033	77.95	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	879629	39.11	ng	-0.03
79) Terphenyl-d14	20.10	244	1431847	37.75	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	911	Below Cal	Qvalue	# 6
19) n-Nitroso-di-n-propylamine	9.31	70	65744	8.151 ng	#	72
50) Dimethylphthalate	14.20	163	224893	8.275 ng	#	98
57) 2,4-Dinitrotoluene	14.76	165	43568	6.044 ng	#	17
65) 4,6-Dinitro-2-methylphenol	15.75	198	56	7.113 ng	#	28
67) 4-Bromophenyl-phenylether	16.25	248	27521	2.681 ng	#	1

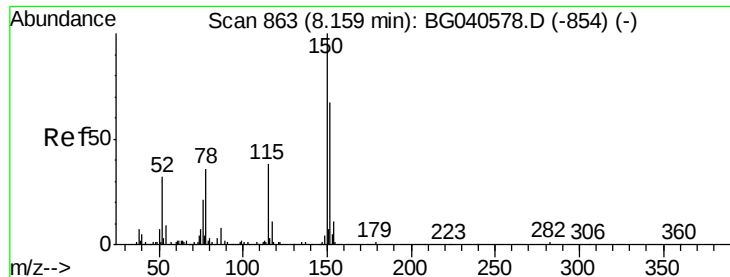
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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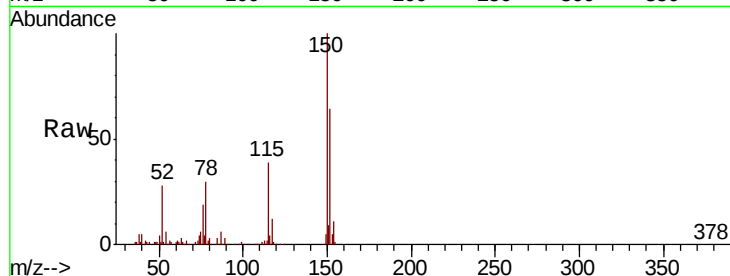


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040897.D
Acq: 12 May 2019 7:14

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0002-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	120.2	180.2
115	61.4	46.2	69.2

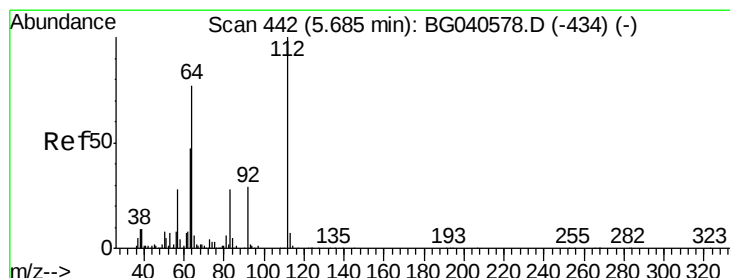
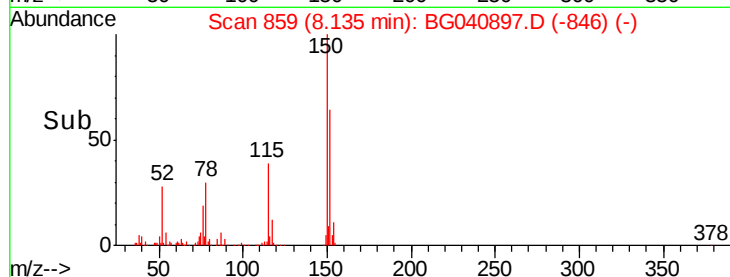
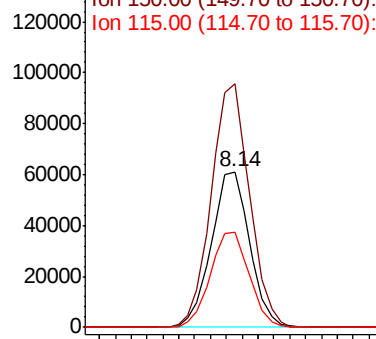


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

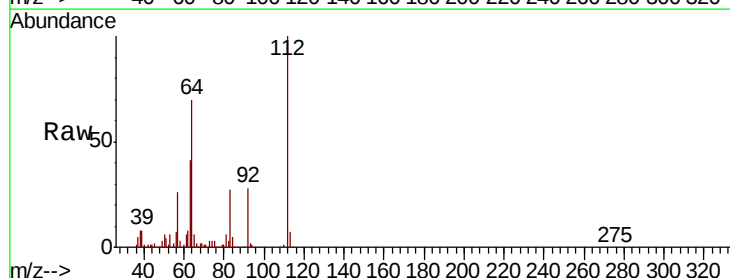
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 72.573 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040897.D
Acq: 12 May 2019 7:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	61.4	92.0
63	40.8	37.8	56.6

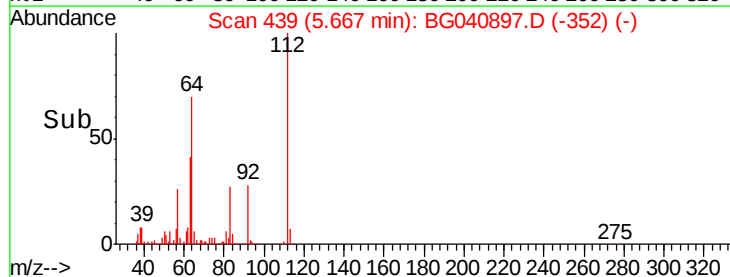
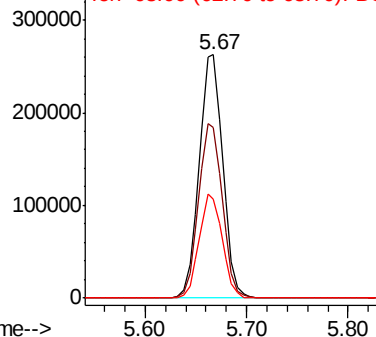


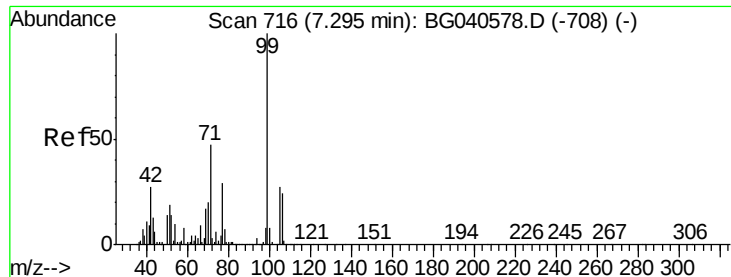
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 72.301 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0002-01

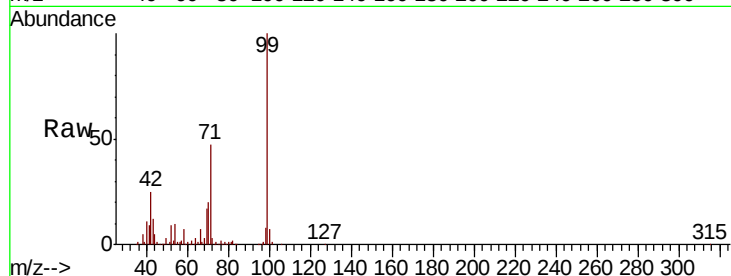
Tgt Ion: 99 Resp: 647803

Ion Ratio Lower Upper

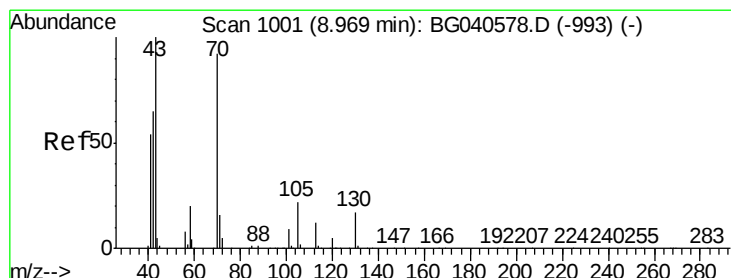
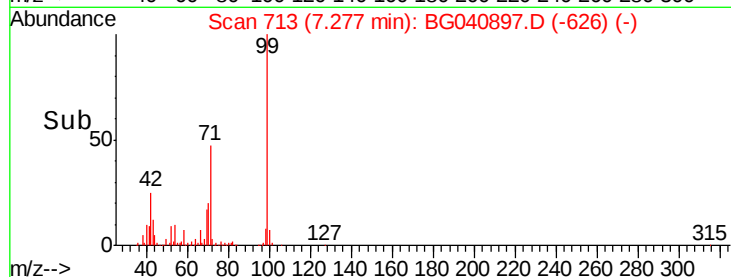
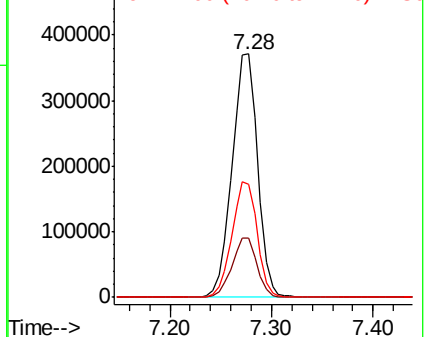
99 100

42 24.5 21.8 32.8

71 46.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 8.151 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

Tgt Ion: 70 Resp: 65744

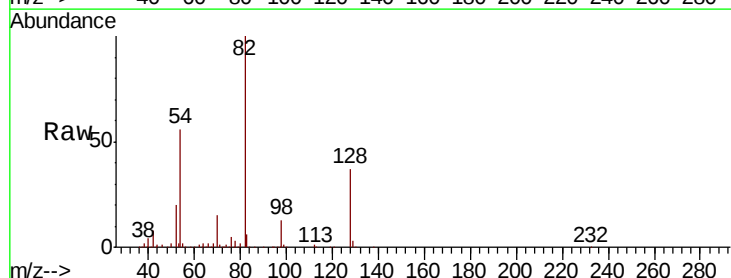
Ion Ratio Lower Upper

70 100

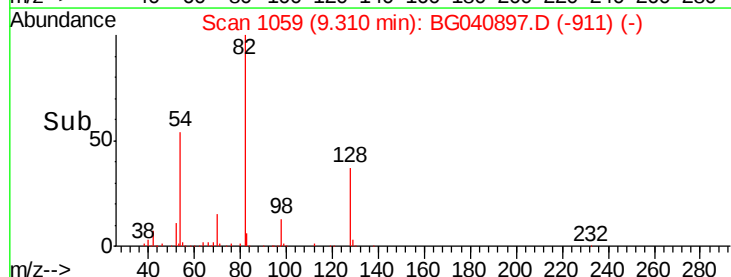
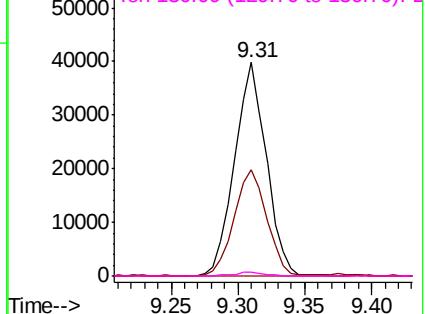
42 49.8 57.1 85.7#

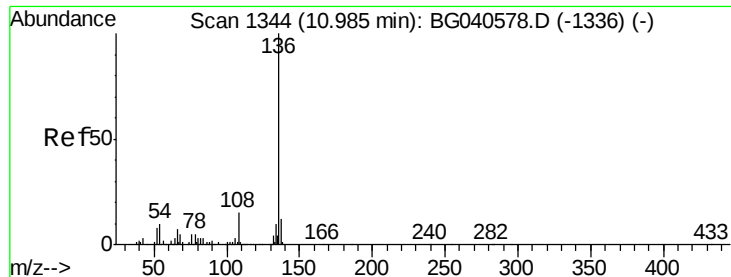
101 0.0 7.8 11.8#

130 1.5 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

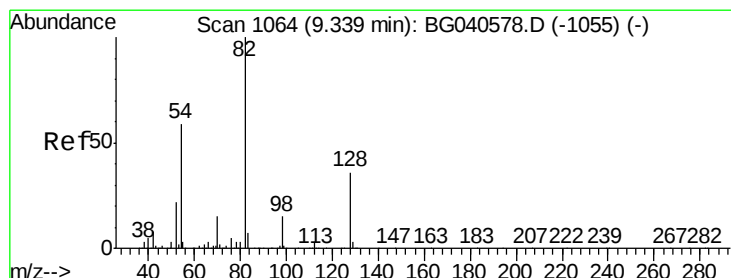
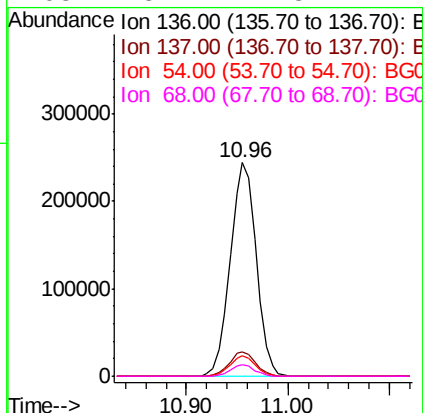
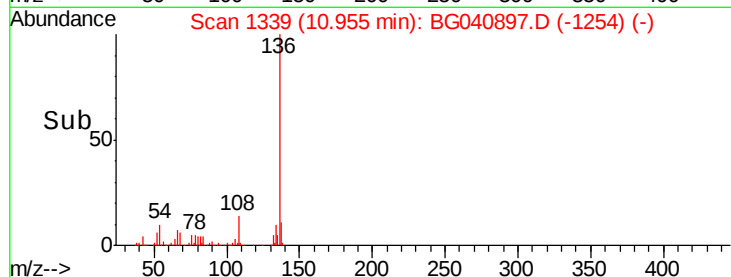
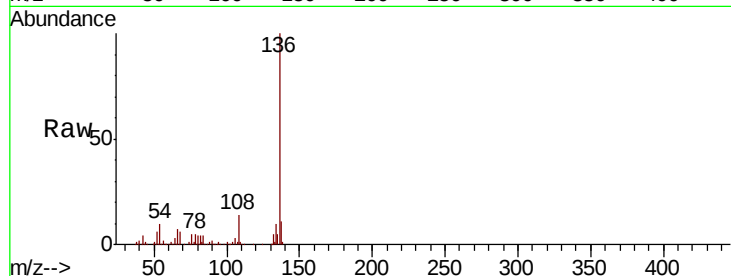




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040897.D
Acq: 12 May 2019 7:14

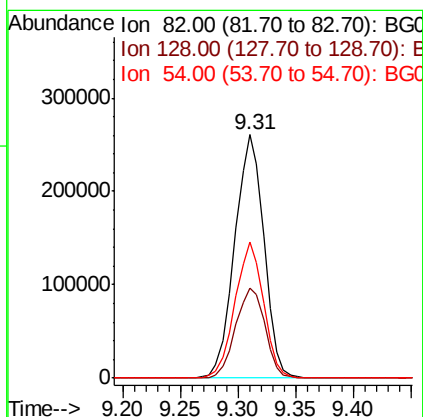
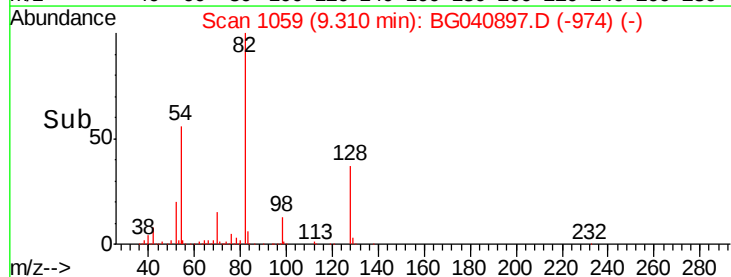
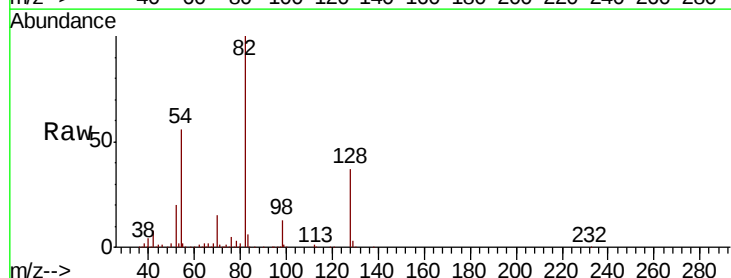
Instrument :
BNA_G
ClientSampleId :
P021-SS007-0002-01

Tgt Ion:	136	Resp:	432680
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.7	14.5
54	9.7	8.6	12.8
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 48.740 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040897.D
Acq: 12 May 2019 7:14

Tgt Ion:	82	Resp:	456409
Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.9	43.3
54	55.7	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: BG040897.D

Acq: 12 May 2019 7:14

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0002-01

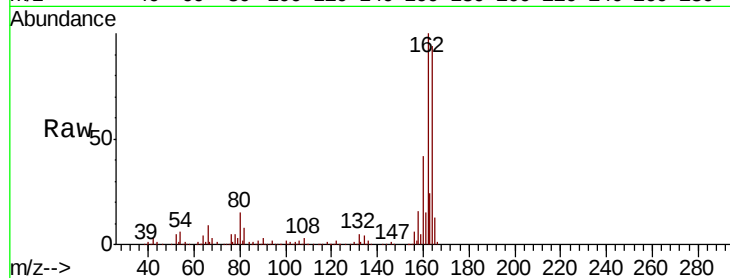
Tgt Ion:164 Resp: 324841

Ion Ratio Lower Upper

164 100

162 105.8 81.9 122.9

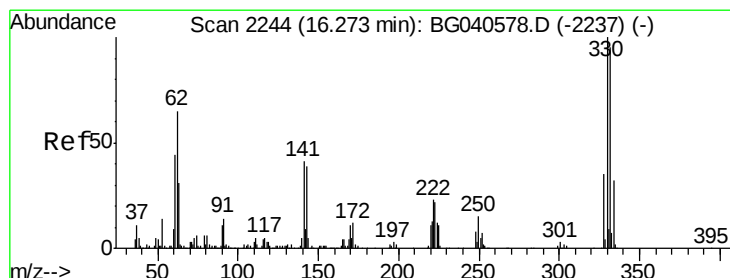
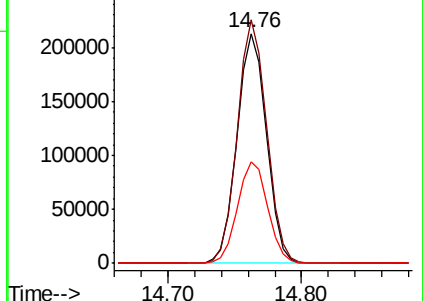
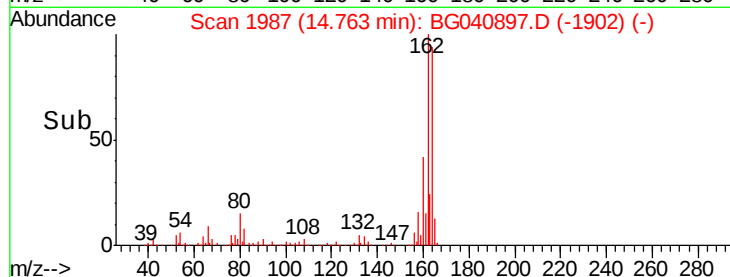
160 44.0 35.4 53.2



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: 77.947 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

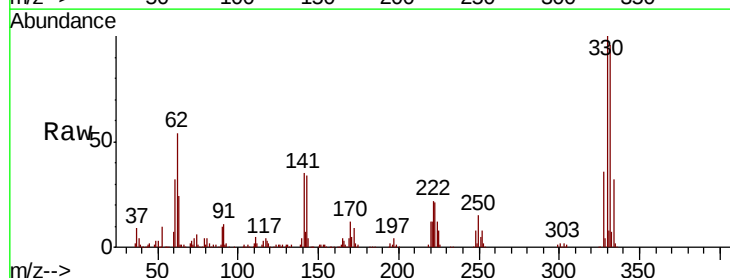
Tgt Ion:330 Resp: 348033

Ion Ratio Lower Upper

330 100

332 94.6 75.9 113.9

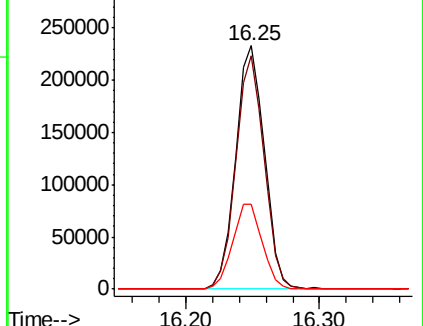
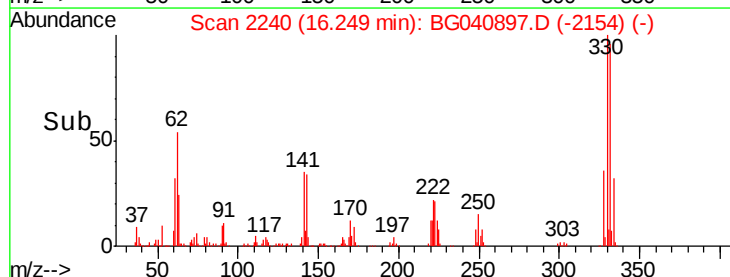
141 36.2 32.4 48.6



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

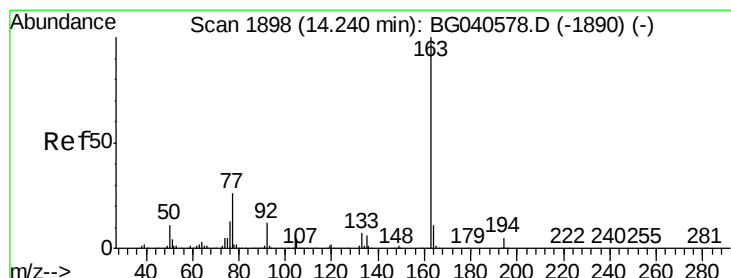
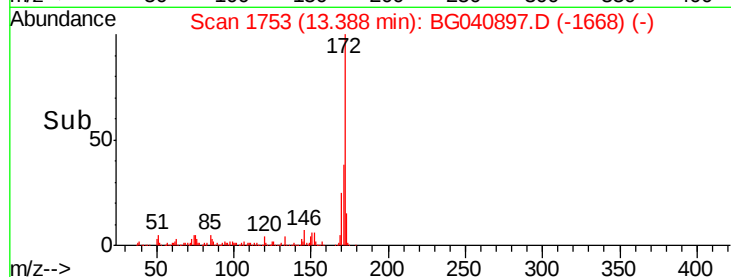
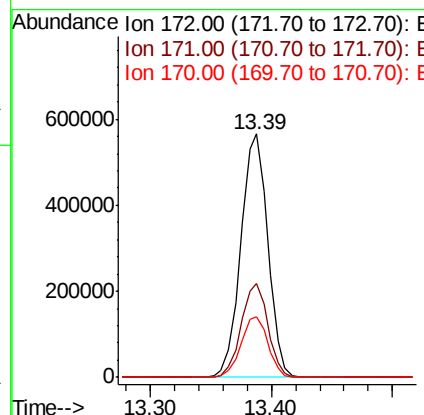
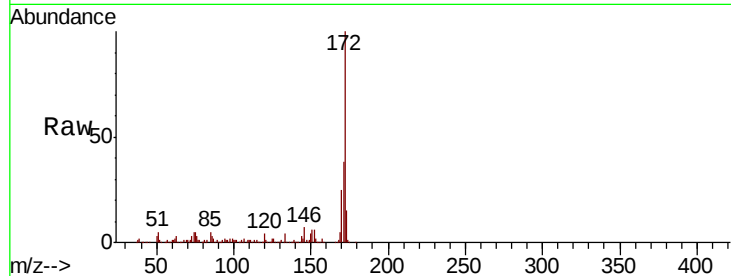




#45
 2-Fluorobiphenyl
 Concen: 39.107 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

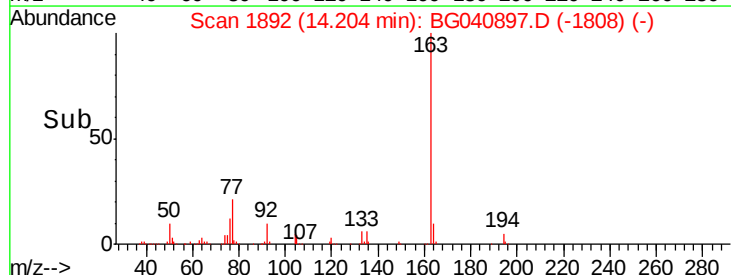
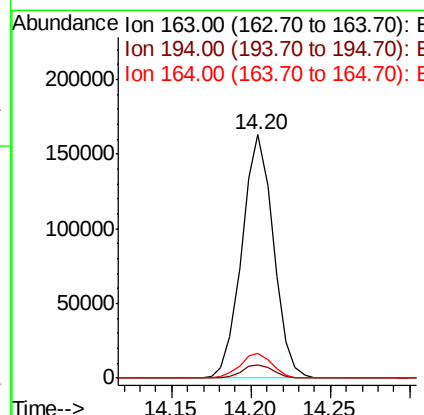
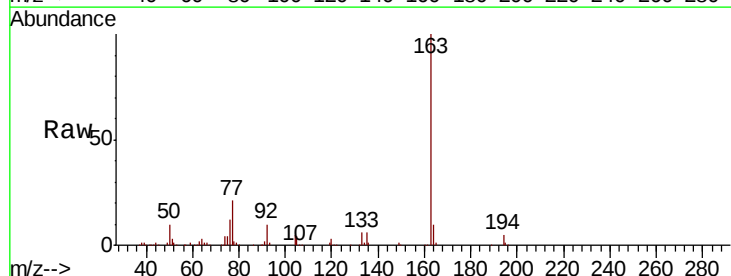
Instrument :
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 P021-SS007-0002-01

Tgt Ion:	172	Resp:	879629
Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	24.9	19.9	29.9



#50
 Dimethylphthalate
 Concen: 8.275 ng
 RT: 14.20 min Scan# 1892
 Delta R.T. -0.04 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

Tgt Ion:	163	Resp:	224893
Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.8	5.8
164	10.3	8.8	13.2

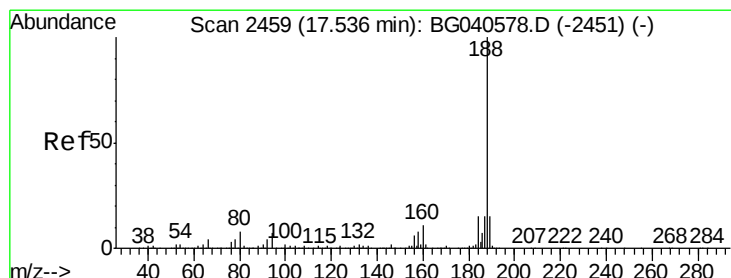
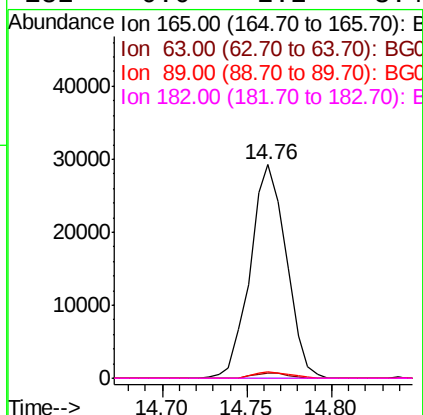
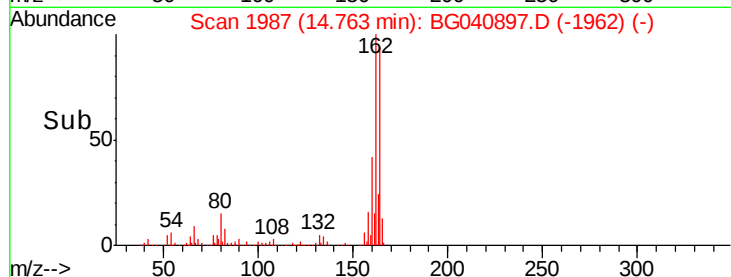
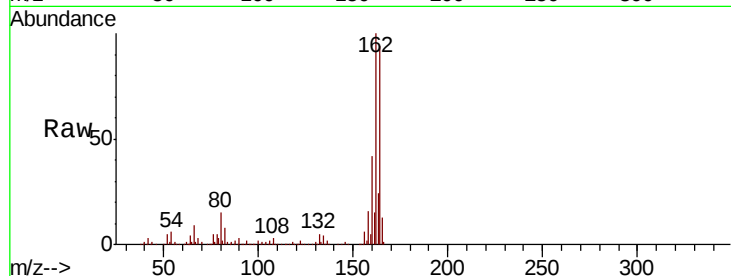




#57
 2,4-Dinitrotoluene
 Concen: 6.044 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.38 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

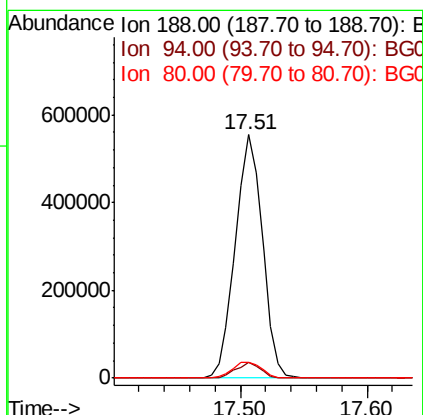
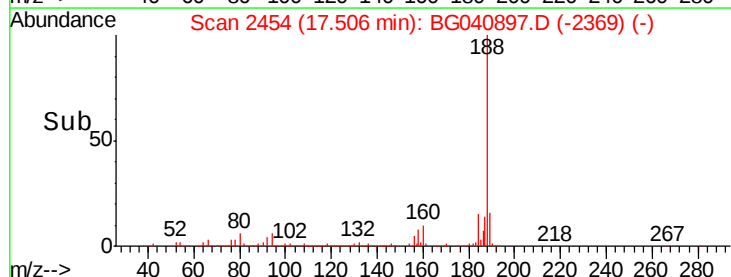
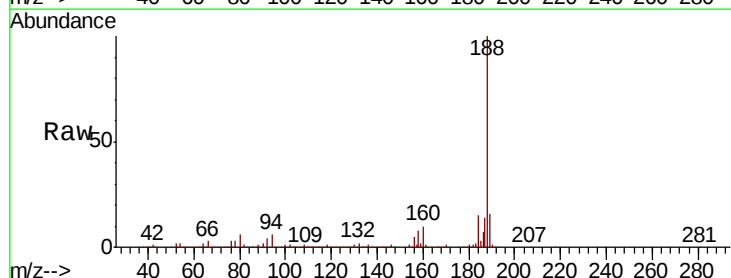
Instrument :
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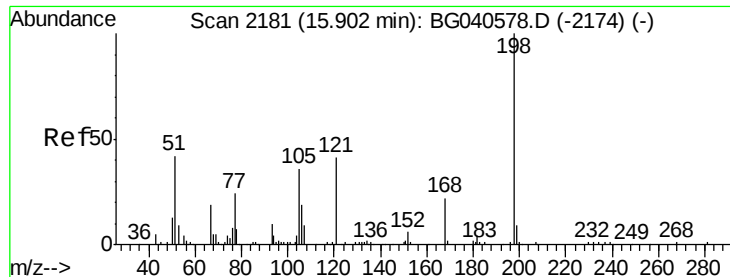
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	45.8	68.8#
89	3.0	69.4	104.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.03 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.6	8.4
80	6.5	6.4	9.6

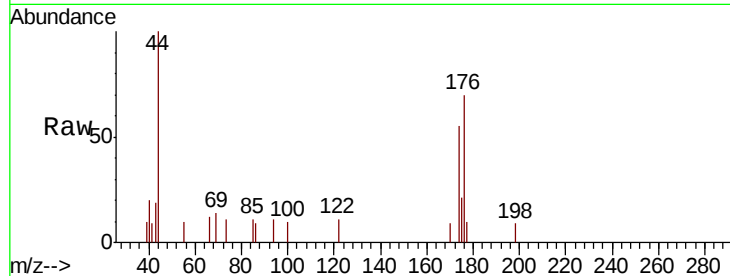




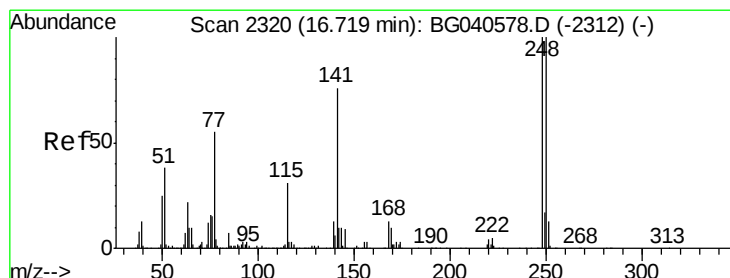
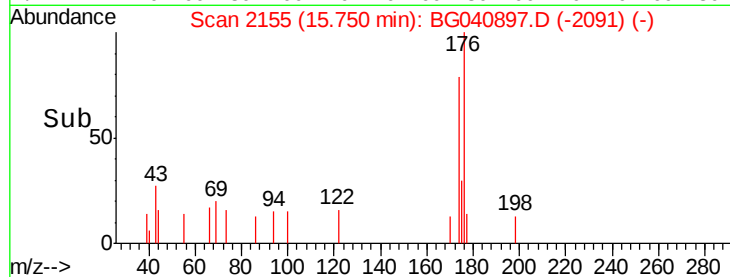
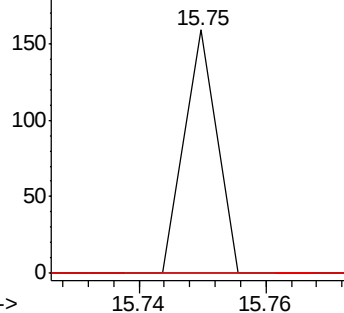
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.113 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.15 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0002-01

Tgt Ion:198 Resp: 56
 Ion Ratio Lower Upper
 198 100
 51 0.0 35.9 75.9#
 105 0.0 21.2 61.2#

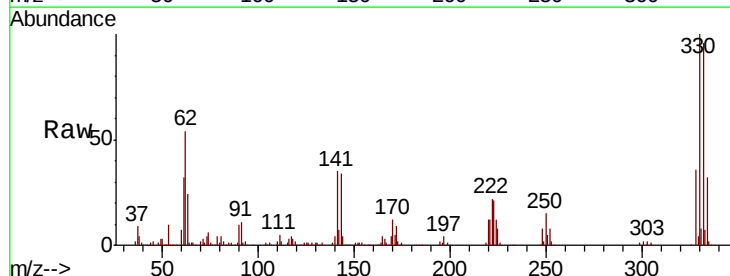


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

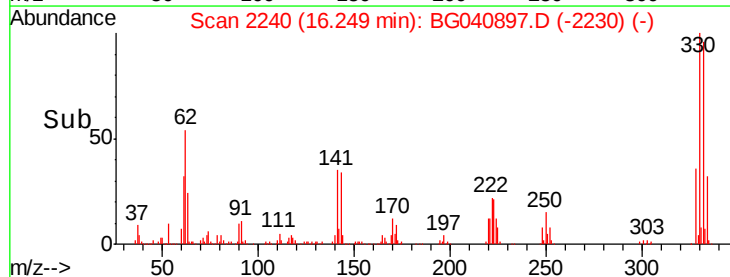
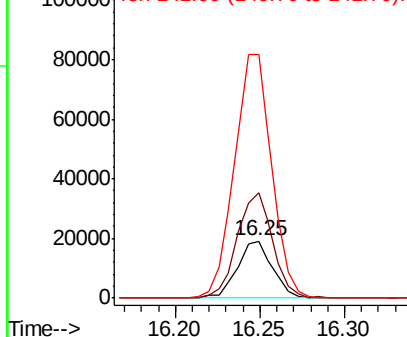


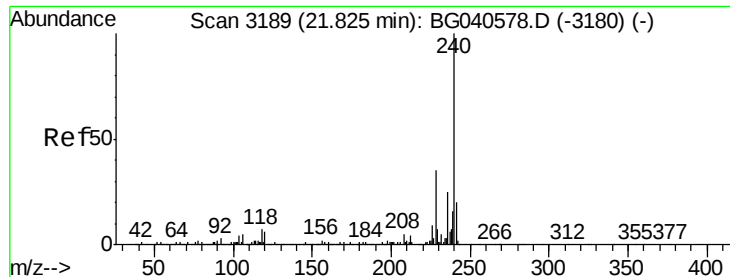
#67
 4-Bromophenyl-phenylether
 Concen: 2.681 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.47 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

Tgt Ion:248 Resp: 27521
 Ion Ratio Lower Upper
 248 100
 250 184.2 79.8 119.6#
 141 425.1 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# 3183

Delta R.T. -0.04 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0002-01

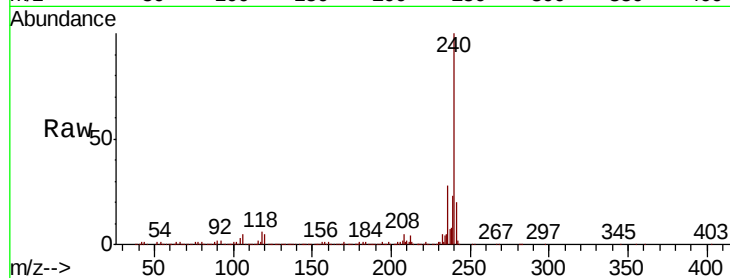
Tgt Ion:240 Resp: 840346

Ion Ratio Lower Upper

240 100

120 5.1 5.0 7.6

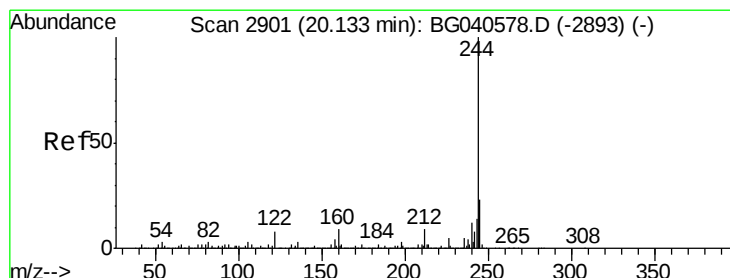
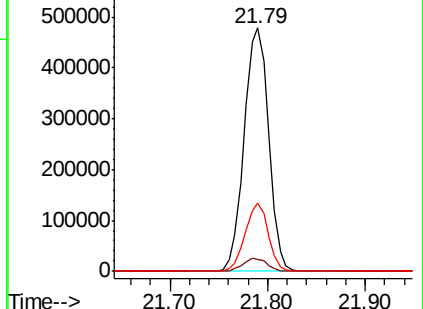
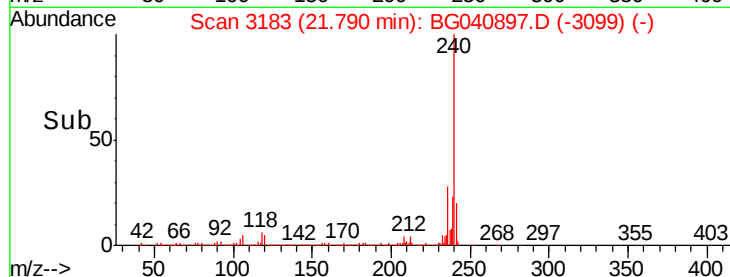
236 28.2 20.3 30.5



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: 37.748 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

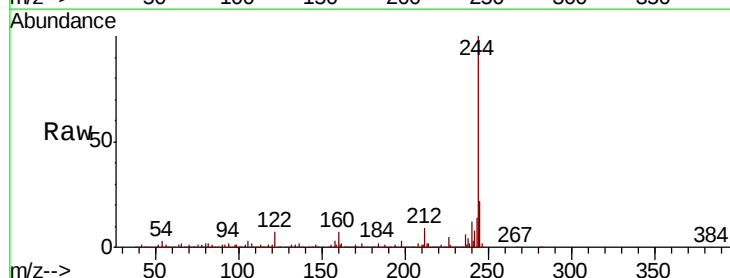
Tgt Ion:244 Resp: 1431847

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

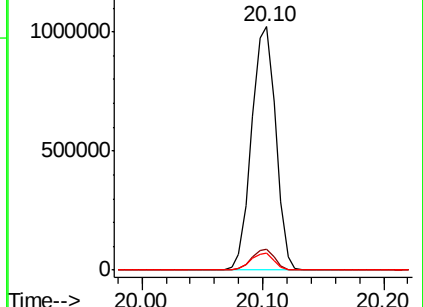
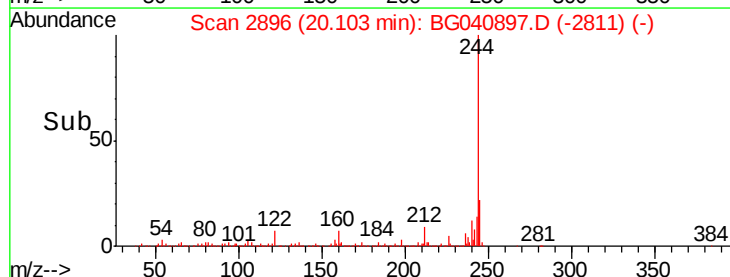
122 7.2 6.6 10.0

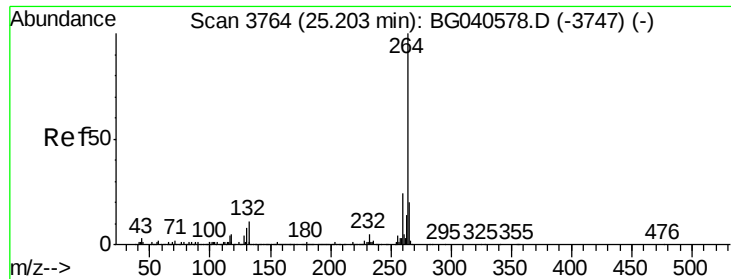


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

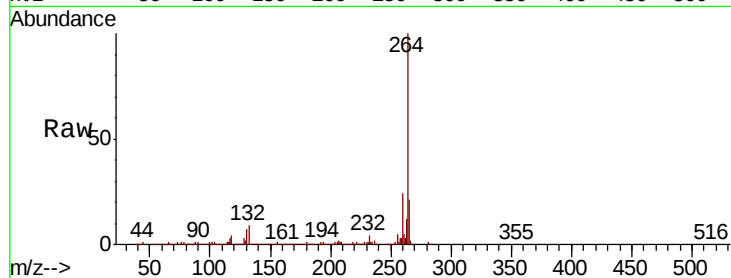




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3753
Delta R.T. -0.06 min
Lab File: BG040897.D
Acq: 12 May 2019 7:14

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0002-01

Tgt Ion:	264	Resp:	915175
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	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

