

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043224.D
 Acq On : 15 Oct 2019 18:32
 Operator : JU
 Sample : K5325-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 01:17:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

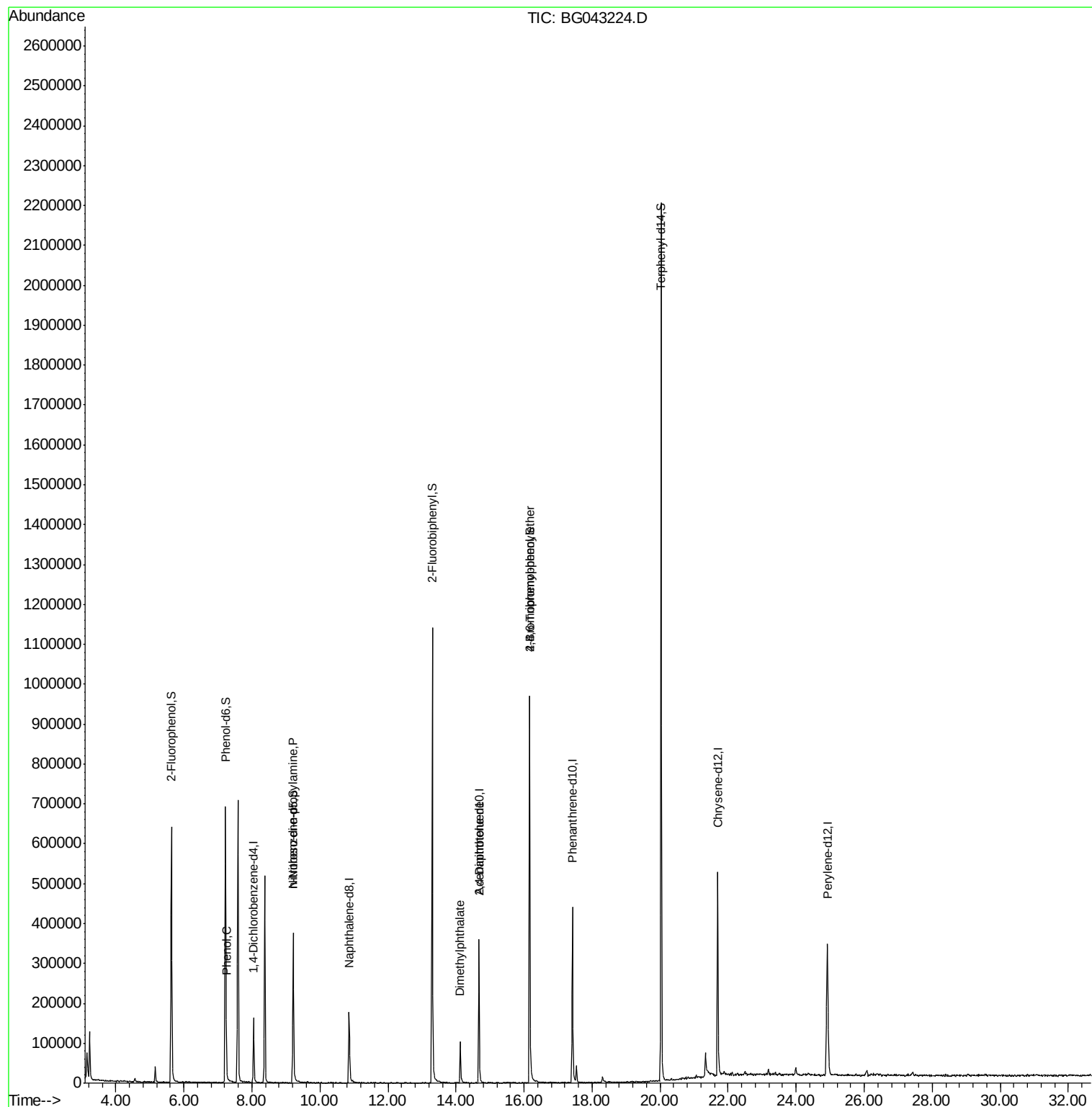
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48874	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	181232	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	137270	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	318611	20.00	ng	0.00
76) Chrysene-d12	21.69	240	347343	20.00	ng	0.00
87) Perylene-d12	24.92	264	403746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	301466	110.08	ng	0.00
7) Phenol-d6	7.22	99	432063	109.56	ng	-0.01
23) Nitrobenzene-d5	9.21	82	263429	70.65	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	250431	106.09	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	686820	72.53	ng	0.00
79) Terphenyl-d14	20.03	244	1228797	75.38	ng	0.00
Target Compounds						
10) Phenol	7.25	94	10950	3.026	ng	86
19) n-Nitroso-di-n-propylamine	9.21	70	35614	13.753	ng	# 72
50) Dimethylphthalate	14.12	163	87966	8.553	ng	97
57) 2,4-Dinitrotoluene	14.68	165	17894	5.579	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	16299	4.076	ng	# 1

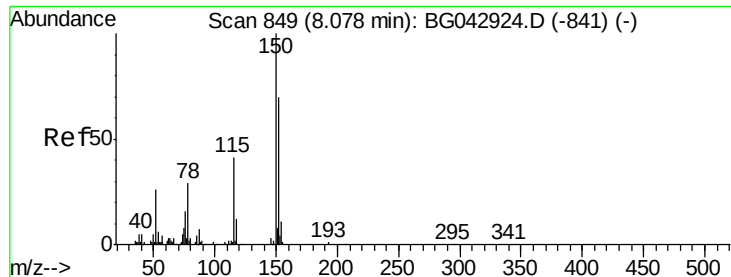
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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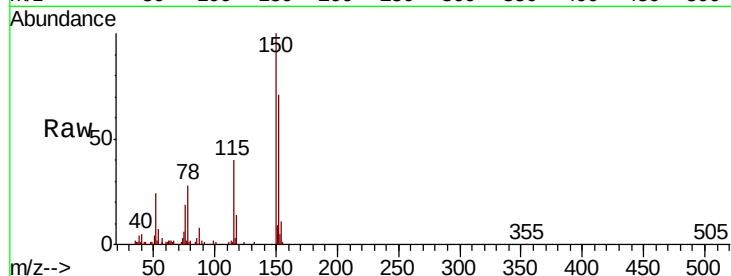


#1

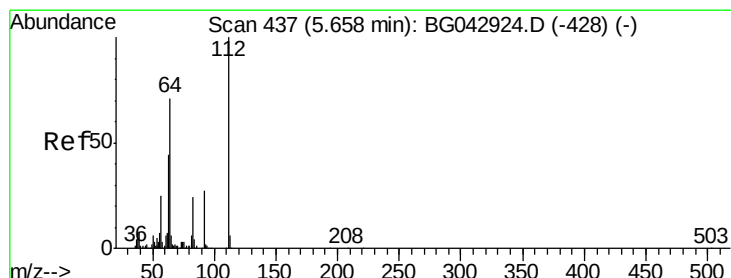
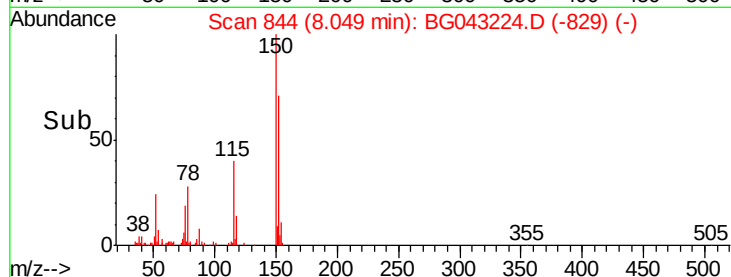
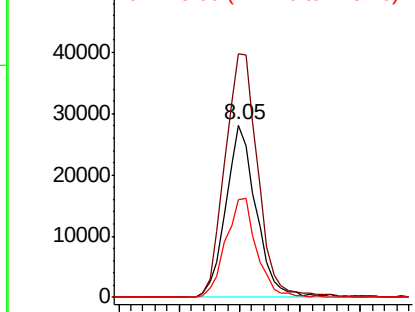
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48874
Ion Ratio Lower Upper
152 100
150 141.2 115.0 172.4
115 56.6 47.0 70.6



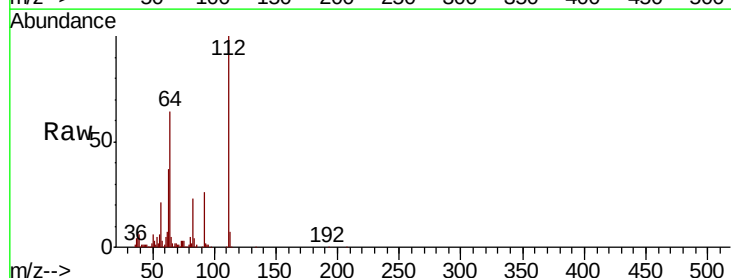
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



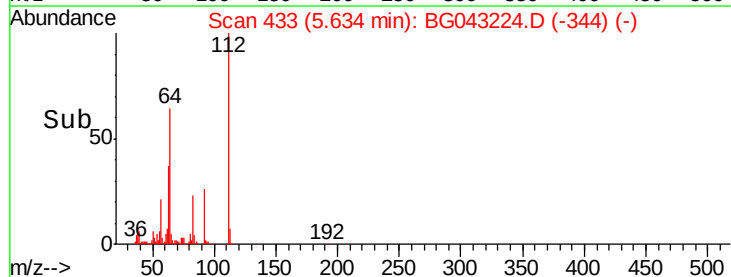
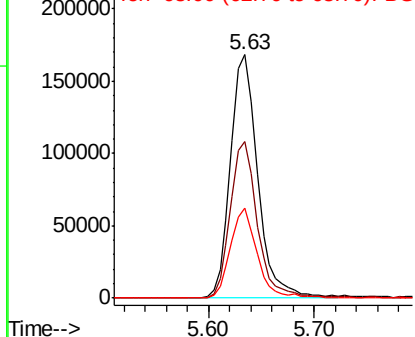
#5

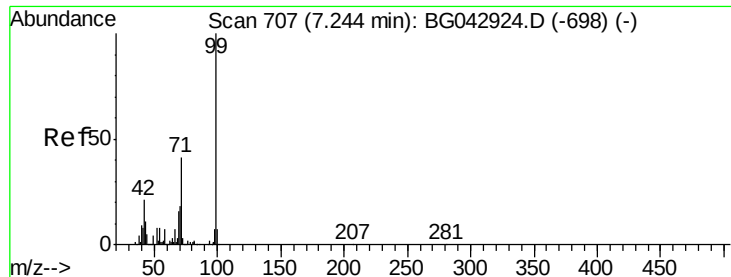
2-Fluorophenol
Concen: 110.080 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

Tgt Ion:112 Resp: 301466
Ion Ratio Lower Upper
112 100
64 64.4 56.6 84.8
63 37.0 35.1 52.7



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: 109.556 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG043224.D

Acq: 15 Oct 2019 18:32

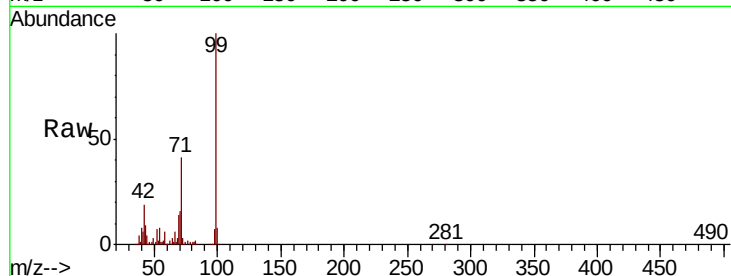
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 432063

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.2	25.8
71	40.7	33.1	49.7

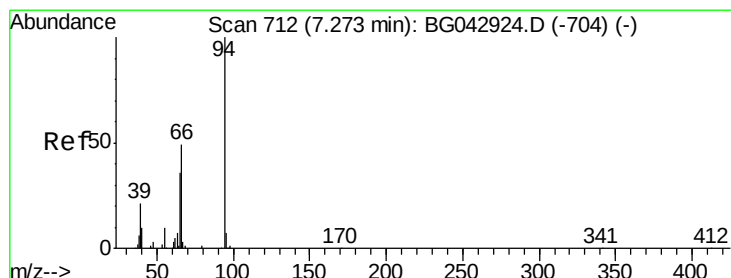
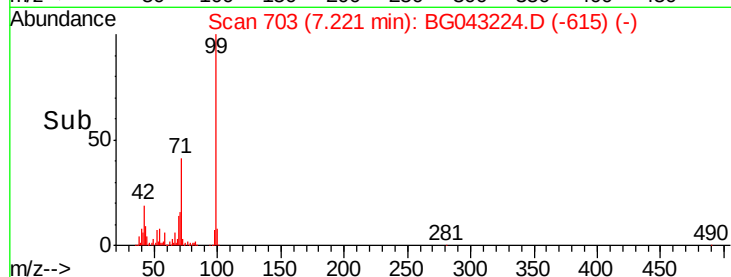
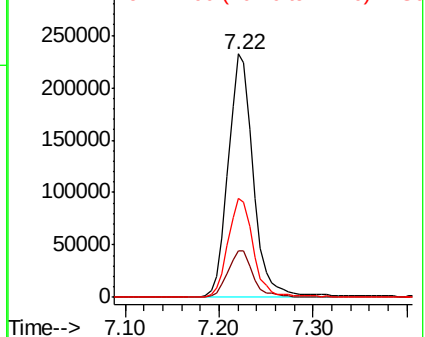


Abundance

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



#10

Phenol

Concen: 3.026 ng

RT: 7.25 min Scan# 708

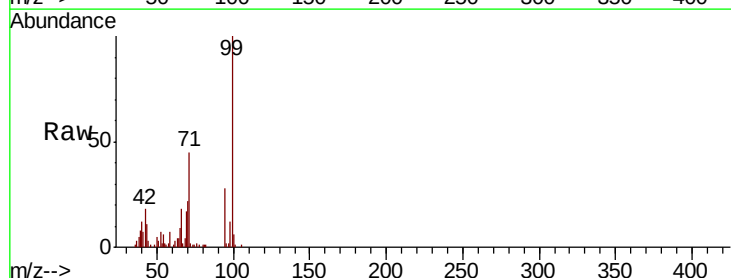
Delta R.T. -0.00 min

Lab File: BG043224.D

Acq: 15 Oct 2019 18:32

Tgt Ion: 94 Resp: 10950

Ion	Ratio	Lower	Upper
94	100		
65	32.4	16.6	56.6
66	65.6	32.4	72.4

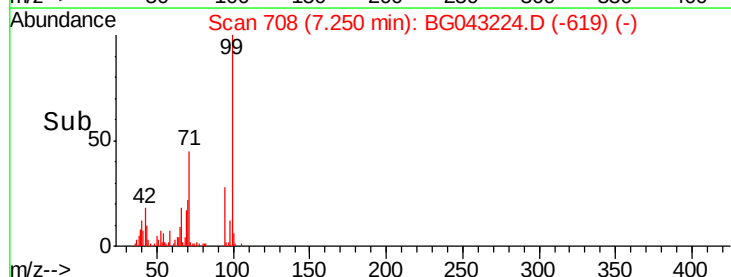
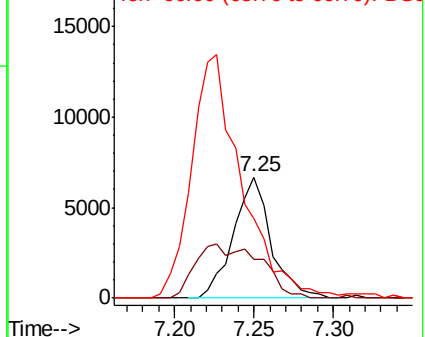


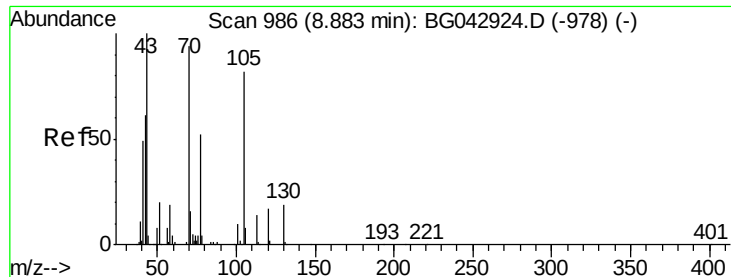
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

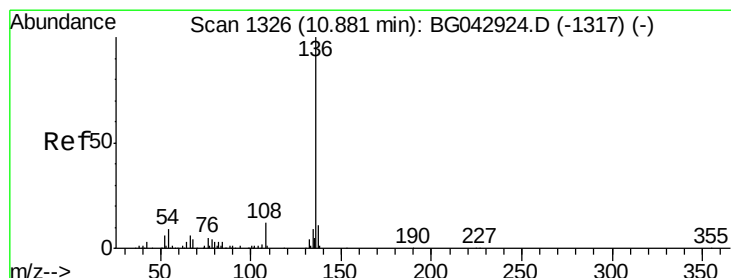
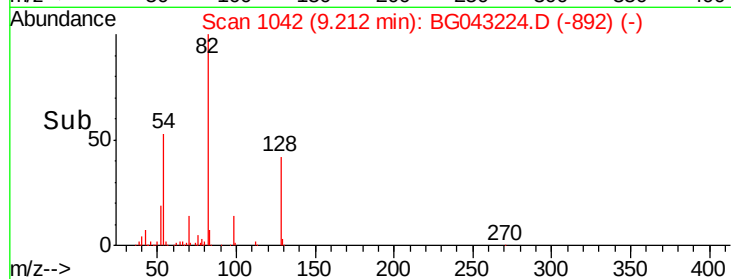
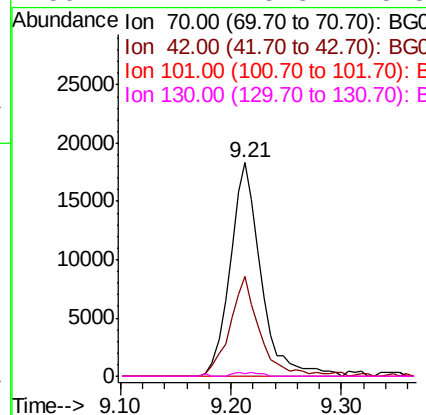
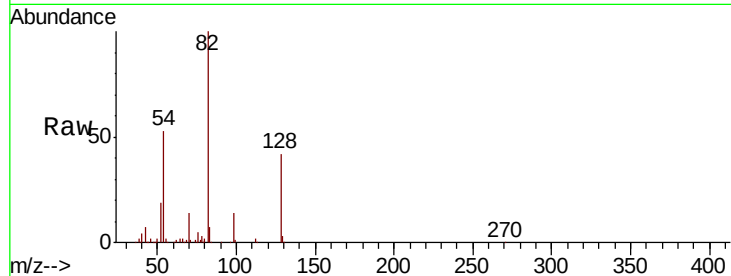




#19
n-Nitroso-di-n-propylamine
Concen: 13.753 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

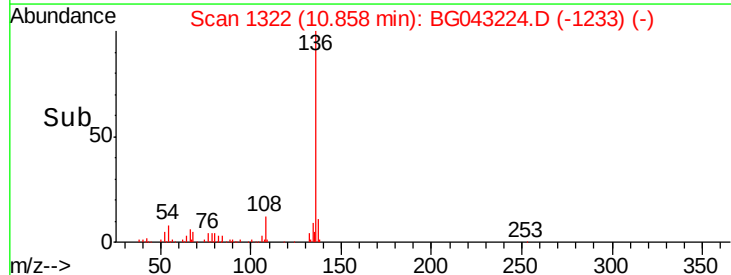
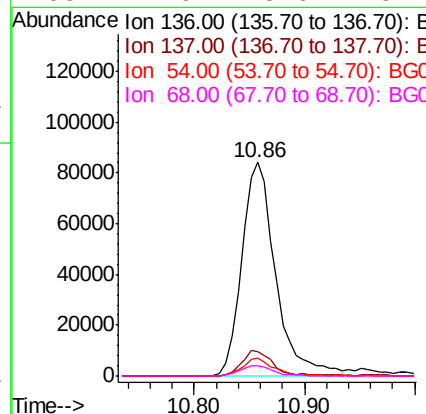
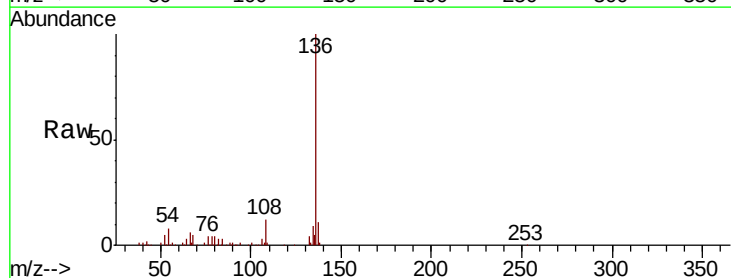
Instrument :
BNA_G
ClientSampled :

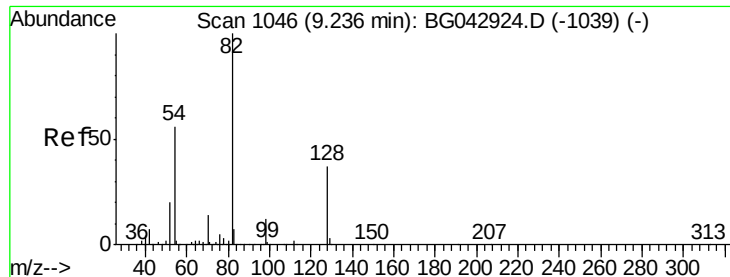
Tot Ion: 70 Resp: 35614
Ion Ratio Lower Upper
70 100
42 47.0 52.6 79.0#
101 0.0 8.7 13.1#
130 1.1 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

Tgt Ion: 136 Resp: 181232
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 8.2 7.4 11.2
68 4.9 3.6 5.4

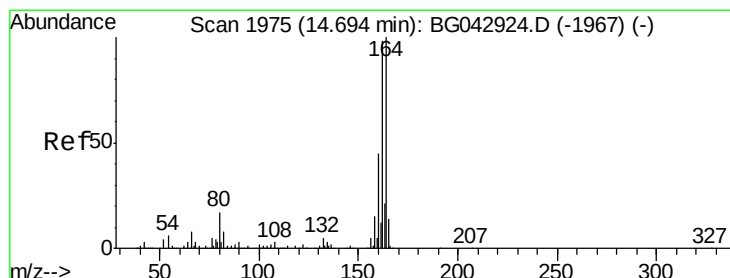
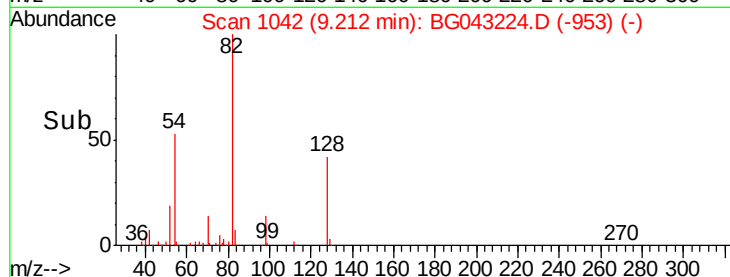
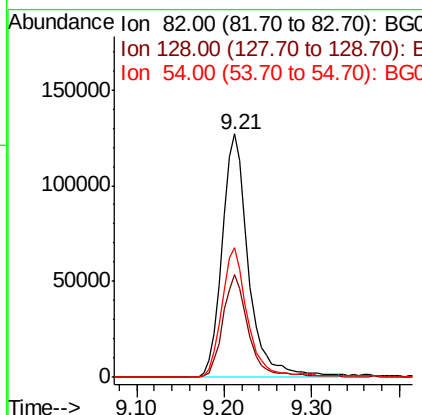
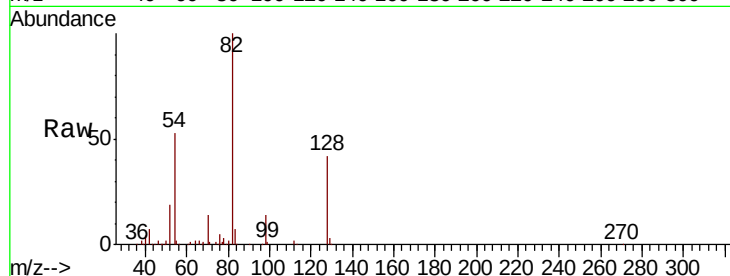




#23
Nitrobenzene-d5
Concen: 70.650 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

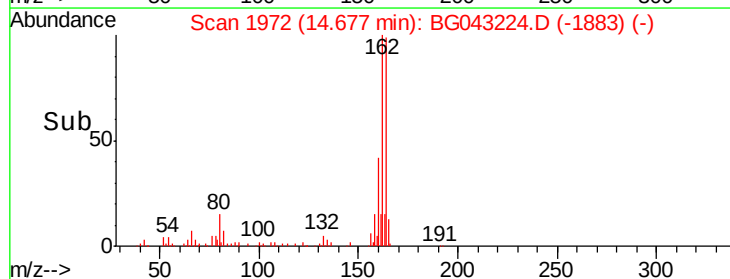
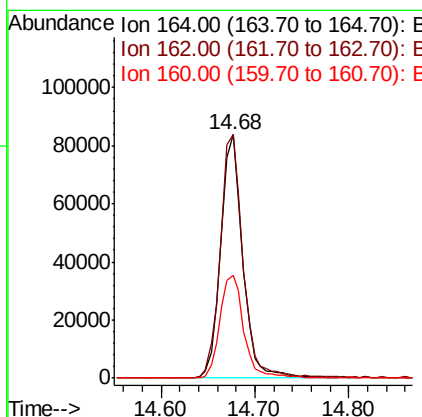
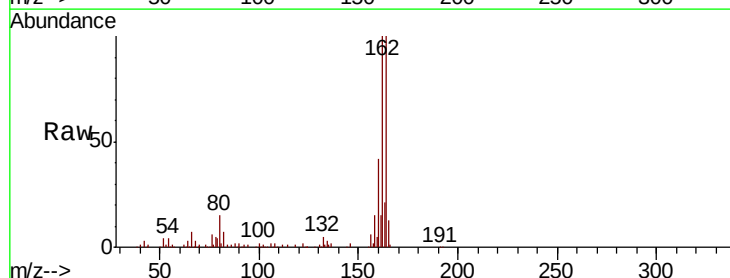
Instrument :
BNA_G
ClientSampleId :

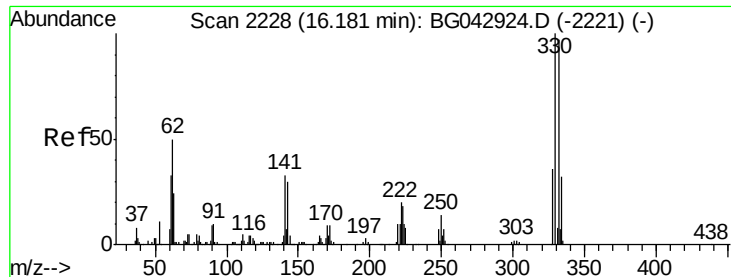
Tot Ion	82	Resp	263429
Ion Ratio	Lower	Upper	
82	100		
128	42.1	29.5	44.3
54	53.2	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

Tgt Ion	164	Resp	137270
Ion Ratio	Lower	Upper	
164	100		
162	100.2	78.5	117.7
160	42.4	35.9	53.9

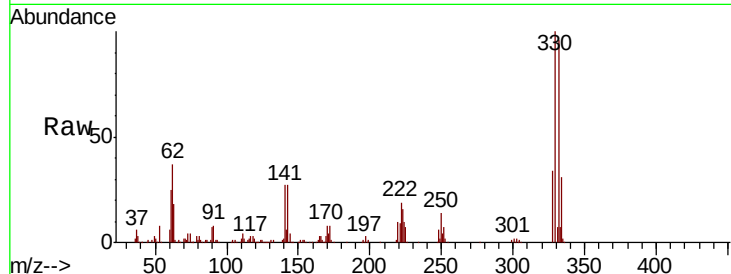




#42
 2,4,6-Tribromophenol
 Concen: 106.095 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG043224.D
 Acq: 15 Oct 2019 18:32

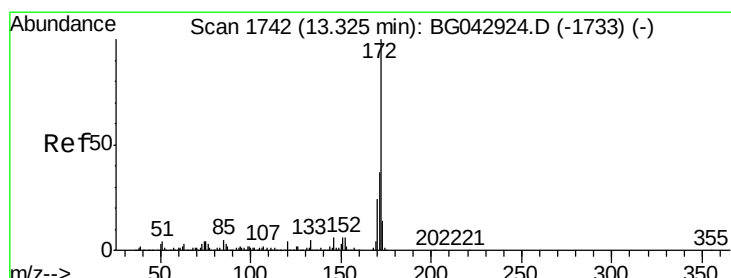
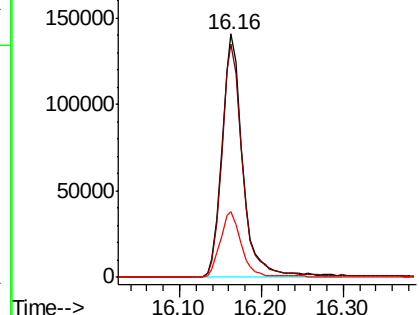
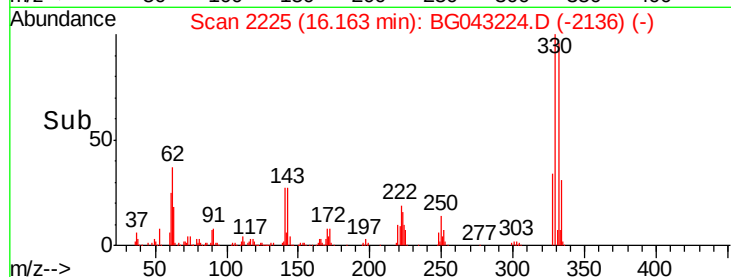
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.2	117.2
141	27.2	26.0	39.0



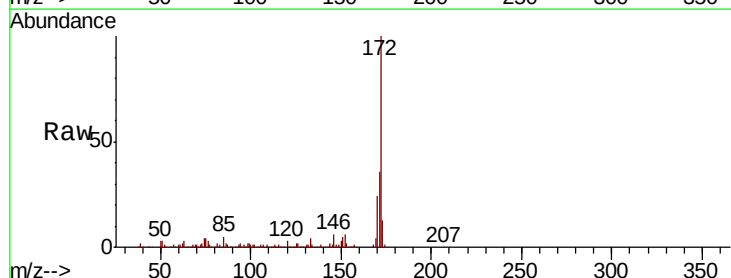
Abundance

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



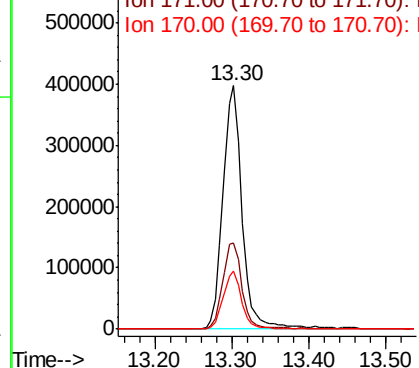
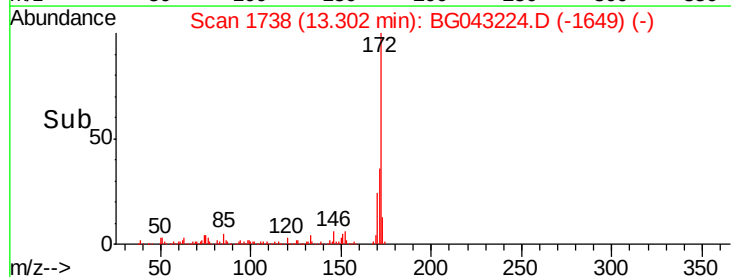
#45
 2-Fluorobiphenyl
 Concen: 72.535 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG043224.D
 Acq: 15 Oct 2019 18:32

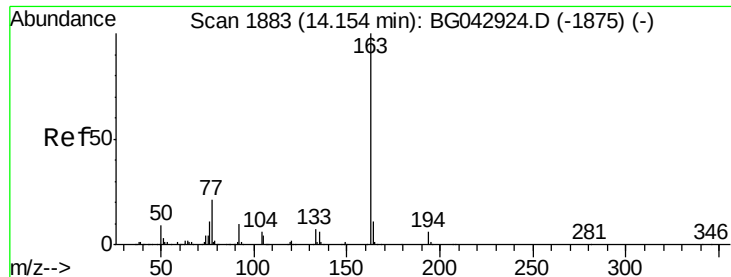
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.9	19.6	29.4



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

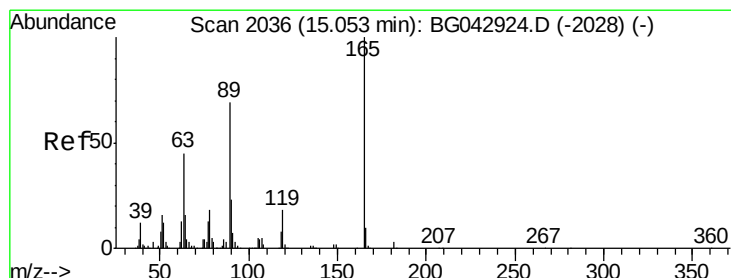
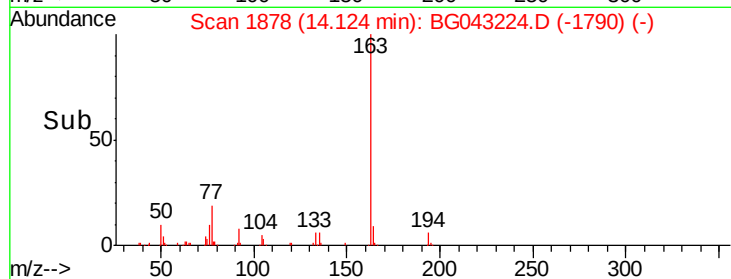
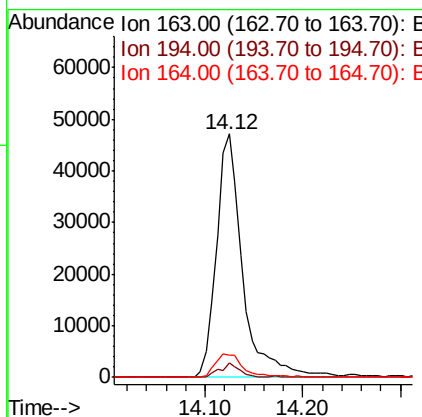
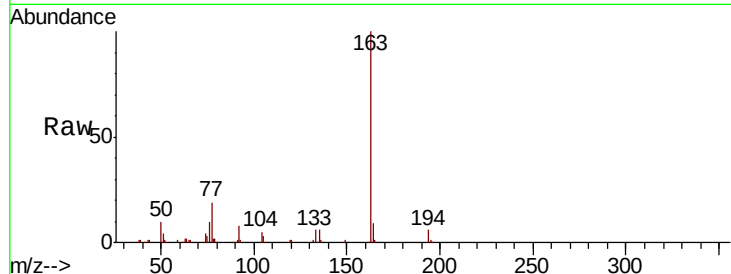




#50
Dimethylphthalate
Concen: 8.553 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

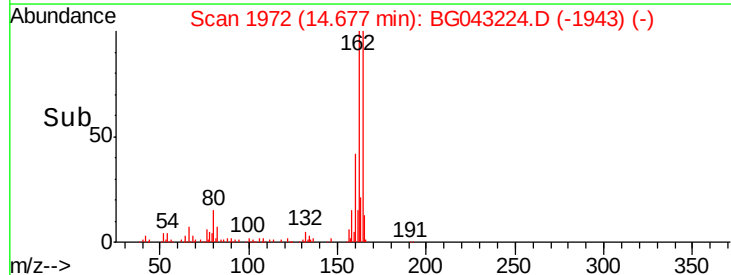
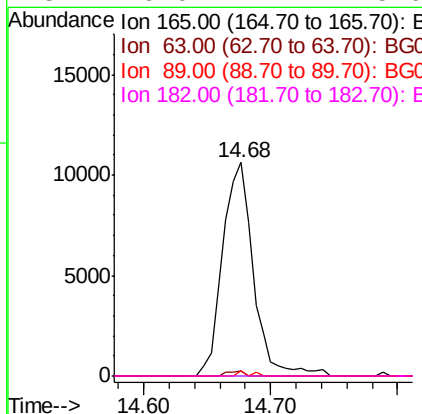
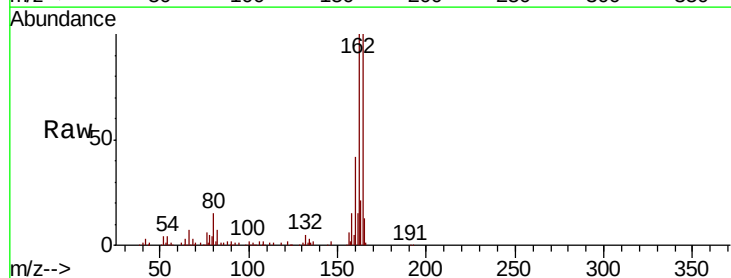
Instrument :
BNA_G
ClientSampleId :

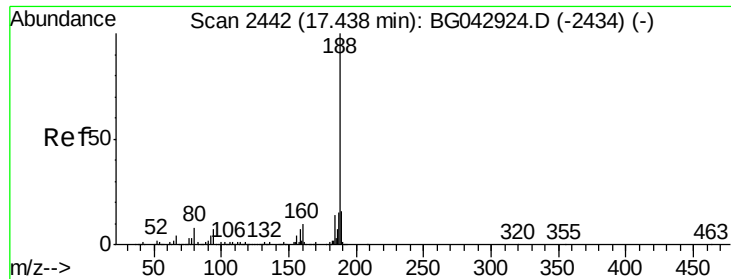
Tot Ion	163	Resp	87966
Ion Ratio	Lower	Upper	
163	100		
194	5.7	4.4	6.6
164	9.1	8.6	12.8



#57
2,4-Dinitrotoluene
Concen: 5.579 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

Tgt Ion	165	Resp	17894
Ion Ratio	Lower	Upper	
165	100		
63	2.3	36.5	54.7#
89	2.1	55.5	83.3#
182	0.0	2.4	3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG043224.D

Acq: 15 Oct 2019 18:32

Instrument :

BNA_G

ClientSampled :

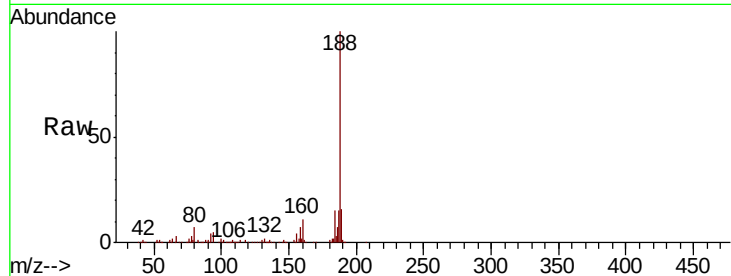
Tot Ion:188 Resp: 318611

Ion Ratio Lower Upper

188 100

94 5.1 5.7 8.5#

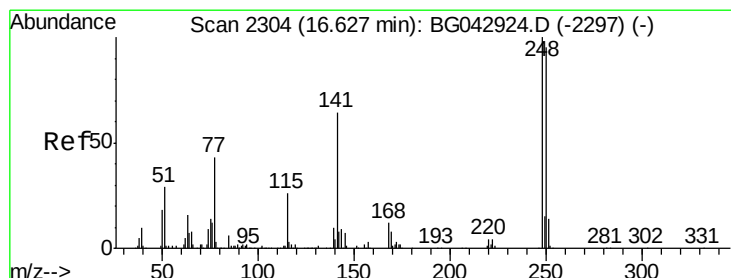
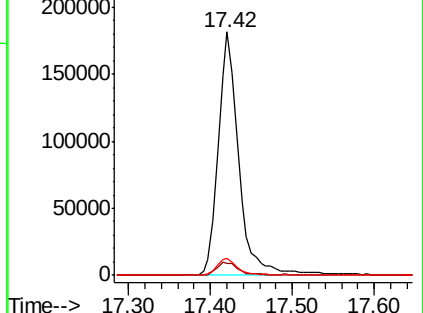
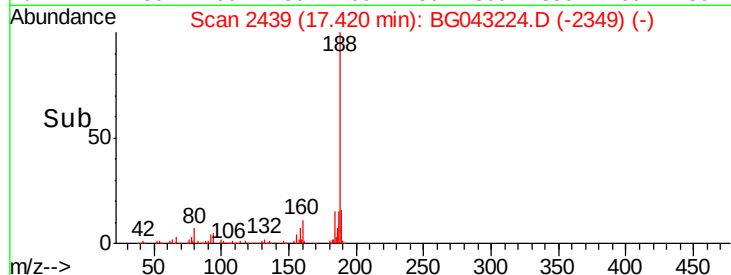
80 7.1 6.5 9.7



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



#67

4-Bromophenyl-phenylether

Concen: 4.076 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.44 min

Lab File: BG043224.D

Acq: 15 Oct 2019 18:32

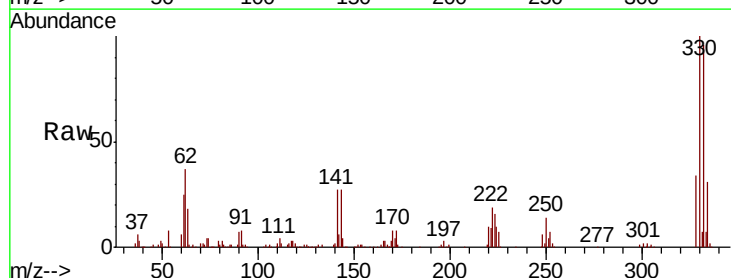
Tgt Ion:248 Resp: 16299

Ion Ratio Lower Upper

248 100

250 215.1 75.8 113.8#

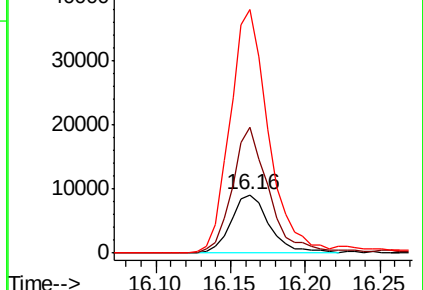
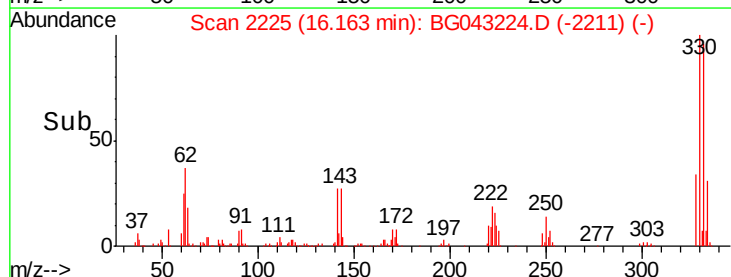
141 417.2 51.1 76.7#

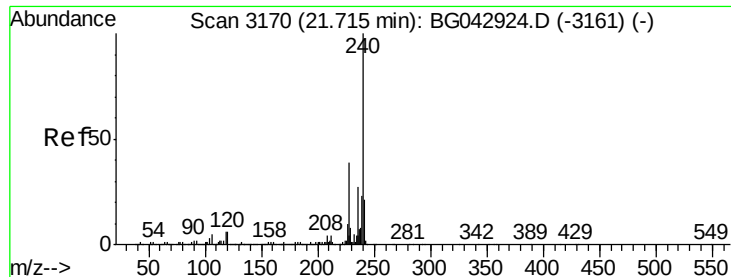


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG043224.D

Acq: 15 Oct 2019 18:32

Instrument :

BNA_G

ClientSampleId :

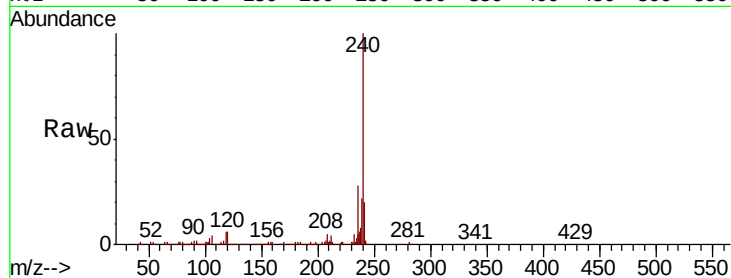
Tot Ion:240 Resp: 347343

Ion Ratio Lower Upper

240 100

120 6.0 4.8 7.2

236 27.7 21.4 32.0

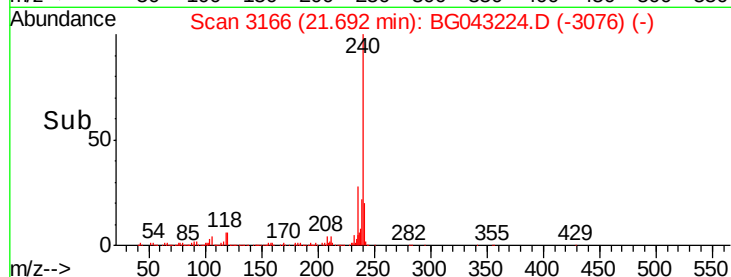


Abundance Ion 240.00 (239.70 to 240.70): E

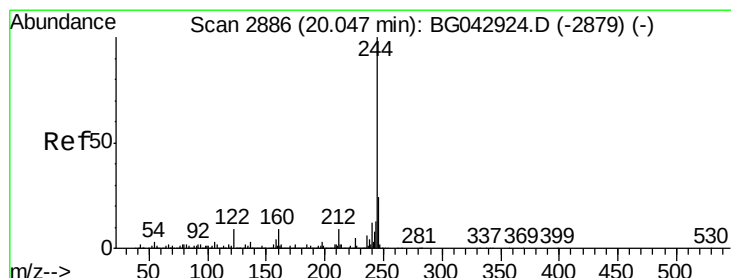
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.69



Time-->



#79

Terphenyl-d14

Concen: 75.384 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043224.D

Acq: 15 Oct 2019 18:32

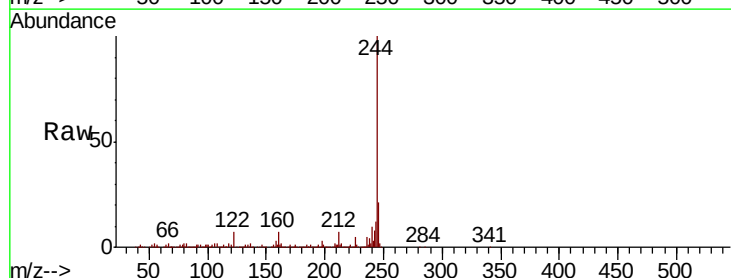
Tgt Ion:244 Resp: 1228797

Ion Ratio Lower Upper

244 100

212 7.2 7.4 11.0#

122 6.9 7.0 10.4#

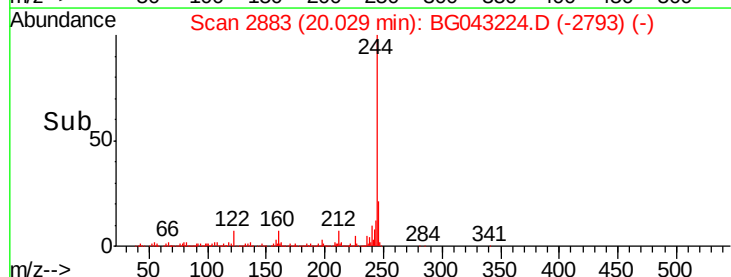


Abundance Ion 244.00 (243.70 to 244.70): E

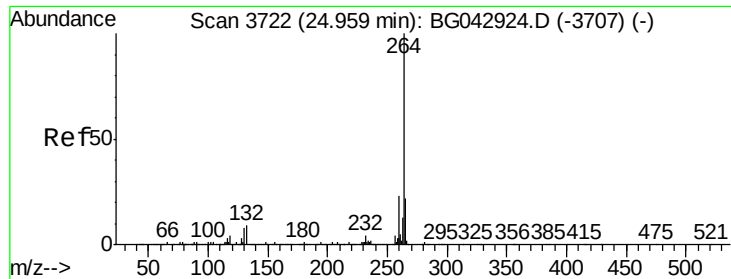
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.03



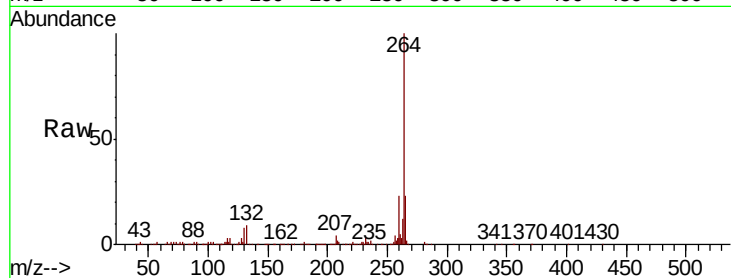
Time-->



#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3715
 Delta R.T. 0.01 min
 Lab File: BG043224.D
 Acq: 15 Oct 2019 18:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	22.9	17.7	26.5



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

