

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 :
 10-10-F

Quant Time: Oct 16 01:53:04 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

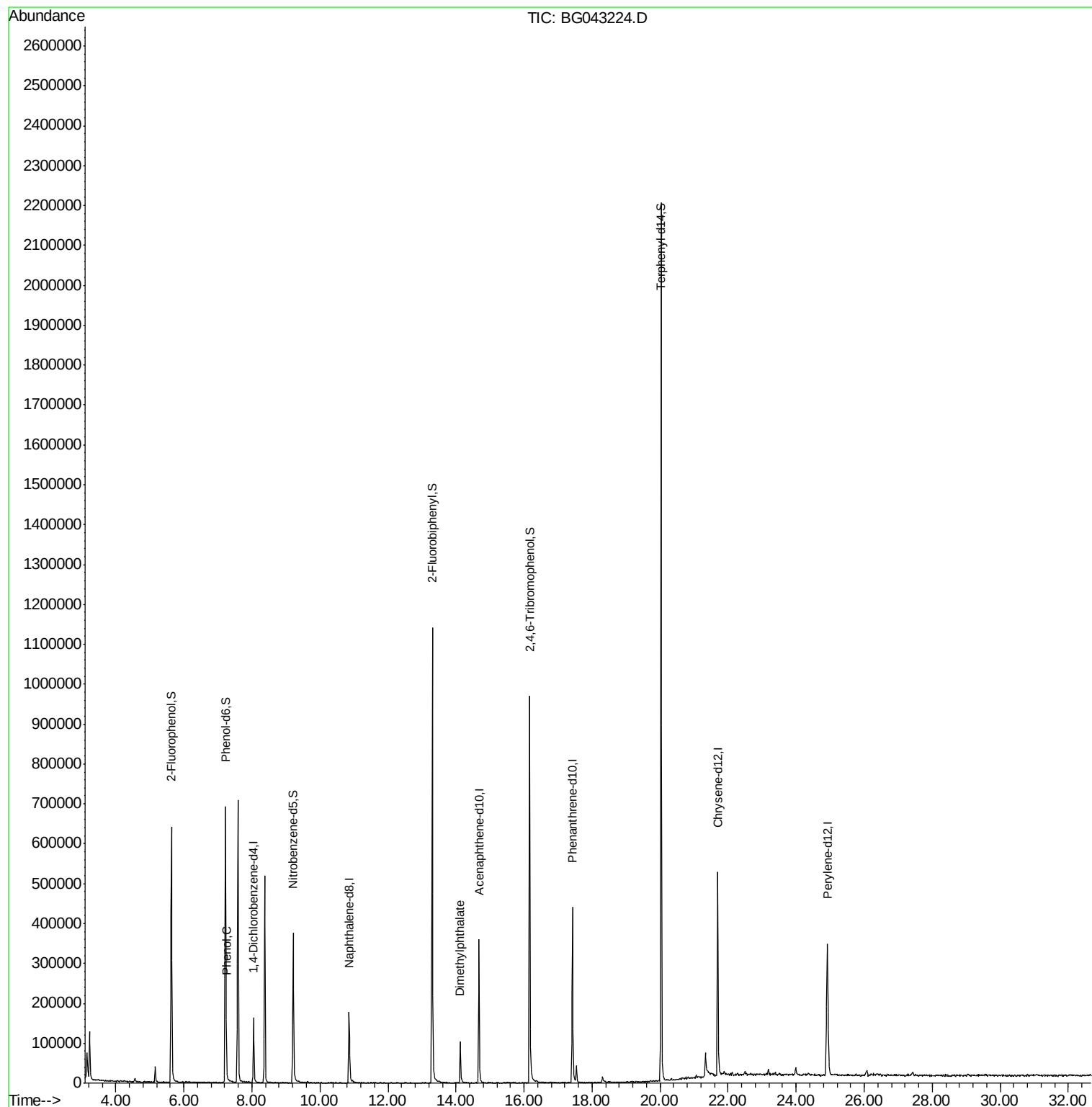
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48874	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	181232	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	137270	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	318611	20.00	ng	0.00
76) Chrysene-d12	21.69	240	347343	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
50) Dimethylphthalate	14.12	163	87966	8.553	ng	97

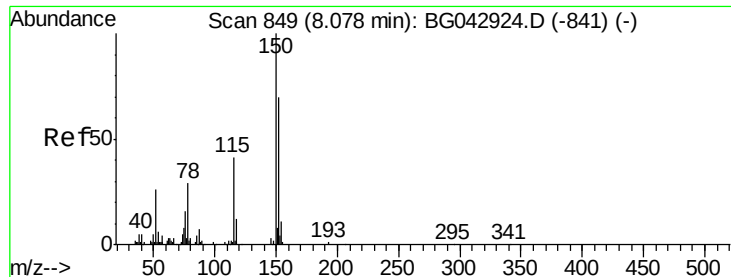
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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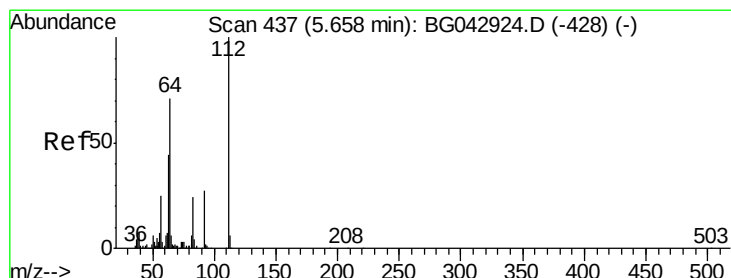
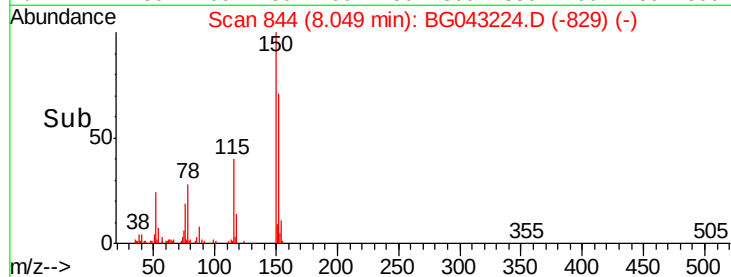
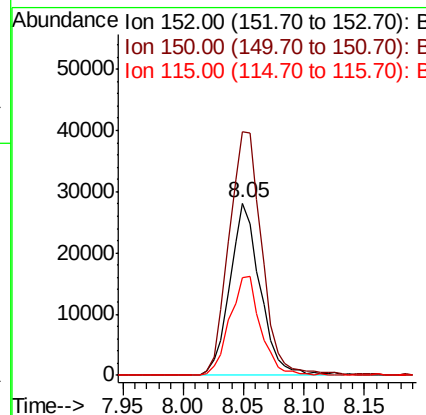
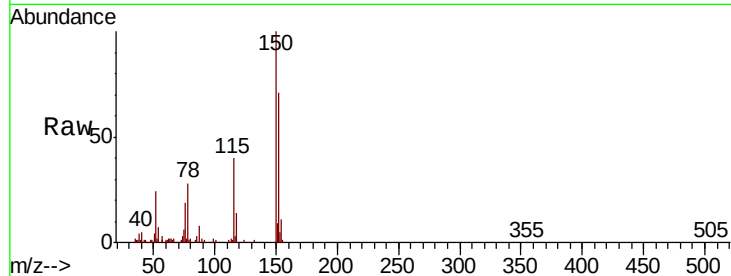


#1

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 :
 10-10-F

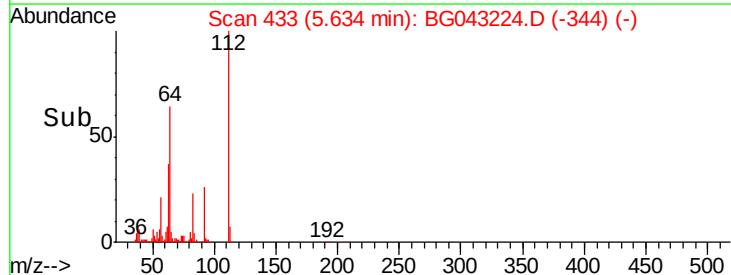
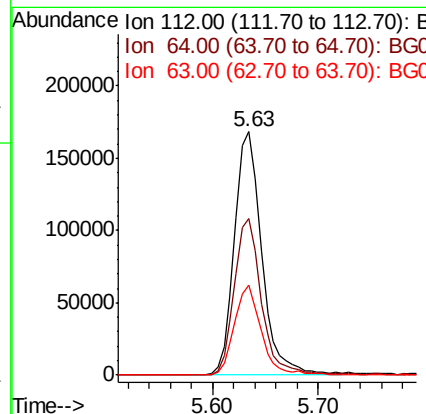
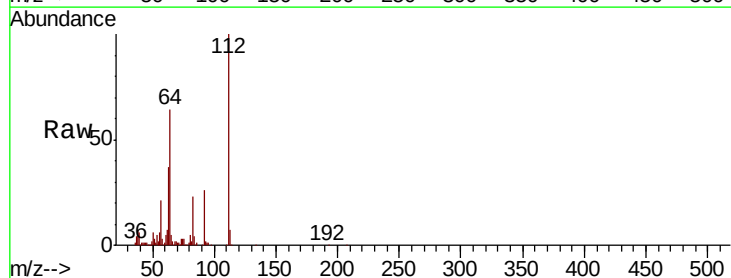
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.2	115.0	172.4
115	56.6	47.0	70.6

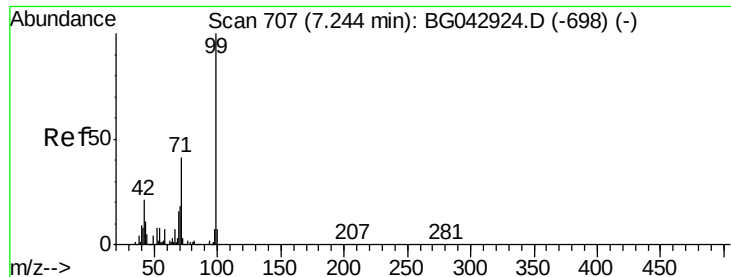


#5

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	Ratio	Lower	Upper
112	100		
64	64.4	56.6	84.8
63	37.0	35.1	52.7





#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 :

10-10-F

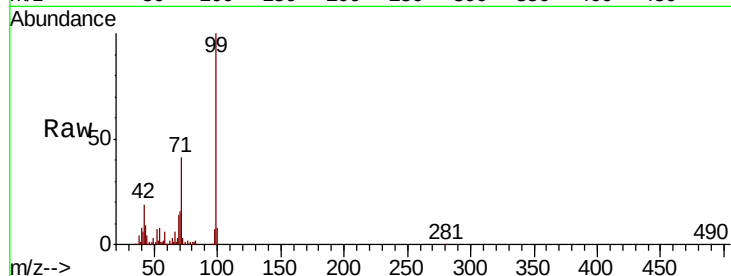
Tot Ion: 99 Resp: 432063

Ion Ratio Lower Upper

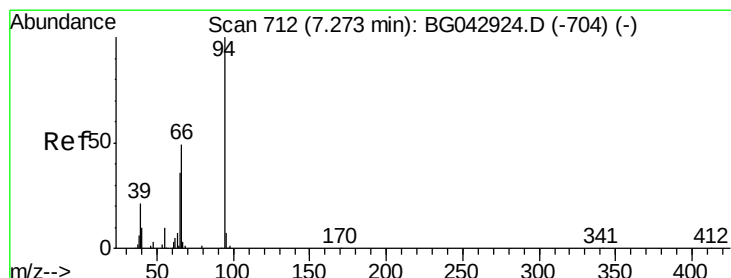
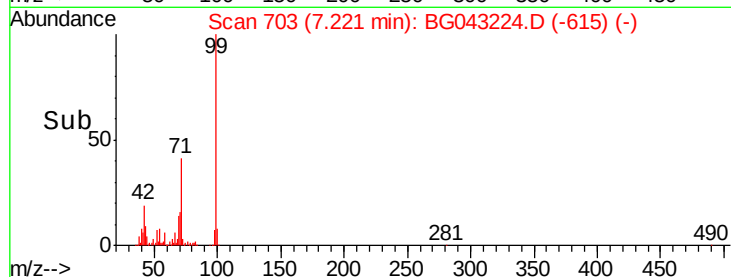
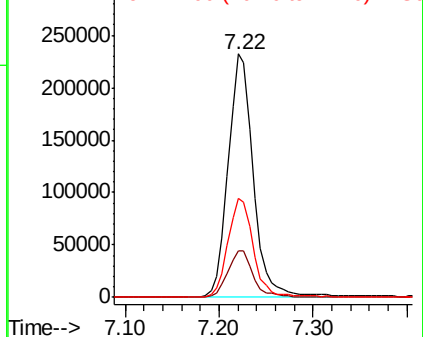
99 100

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

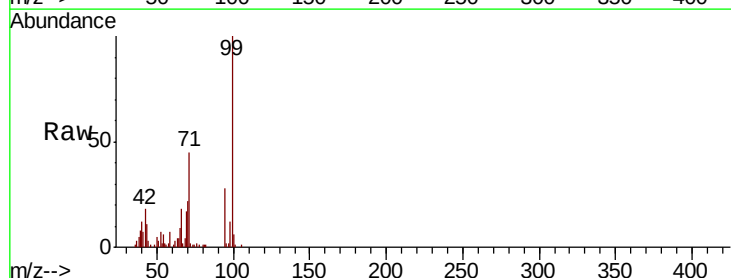
Tgt Ion: 94 Resp: 10950

Ion Ratio Lower Upper

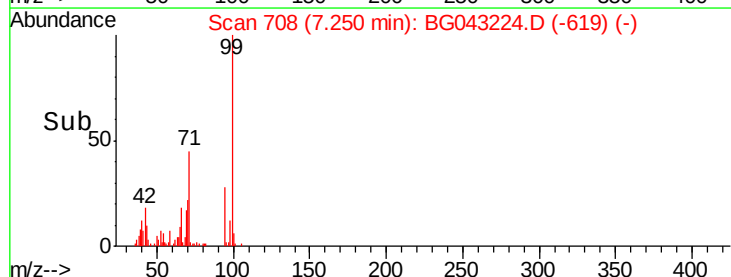
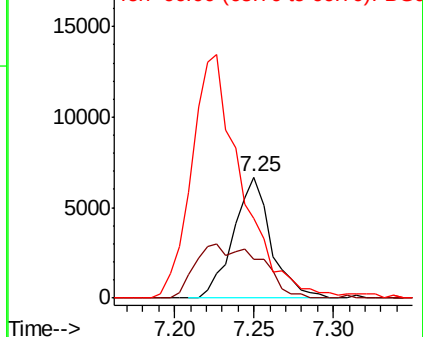
94 100

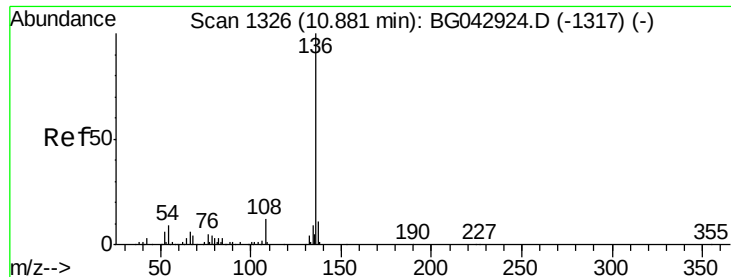
65 32.4 16.6 56.6

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

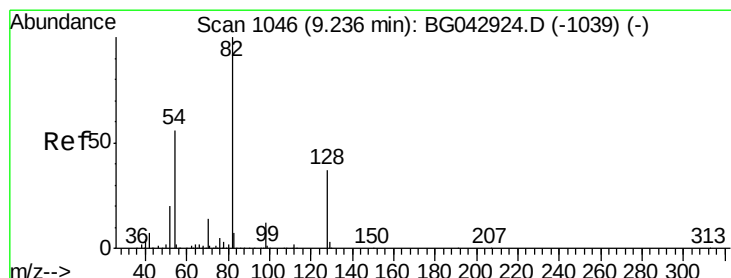
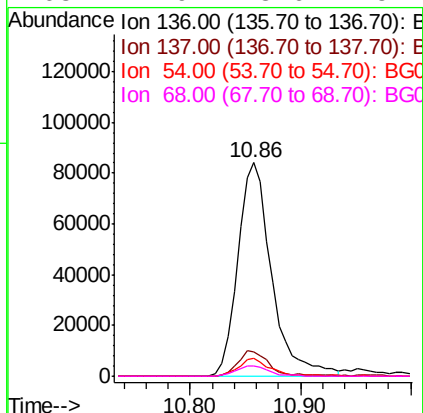
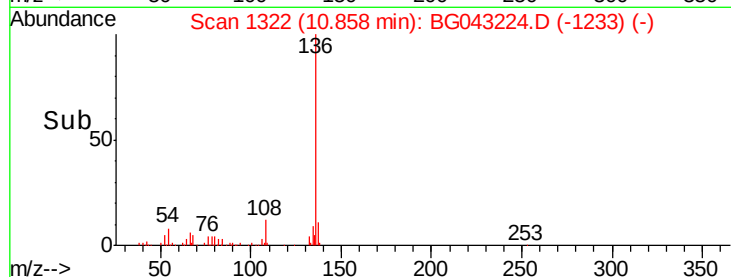
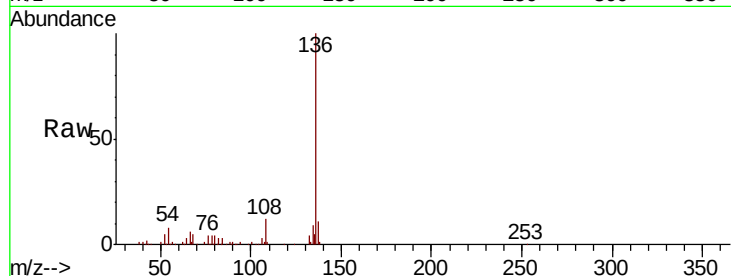




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

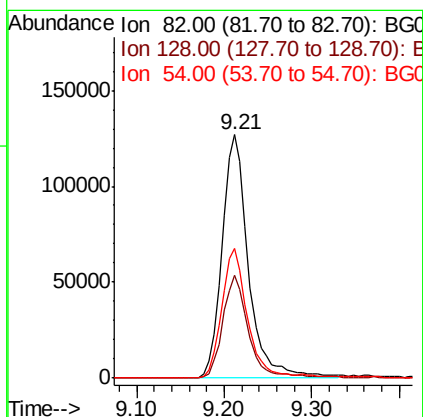
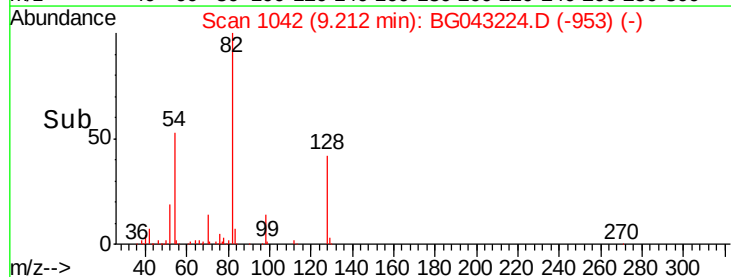
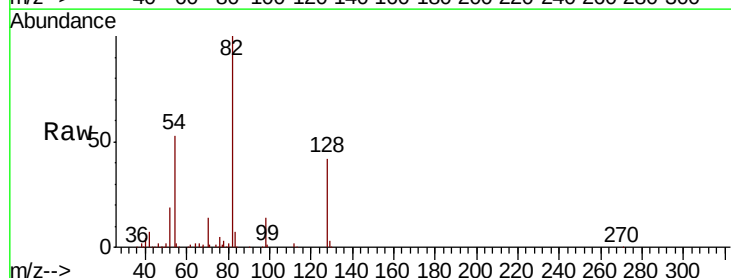
Instrument :
BNA_G
ClientSampleId :
10-10-F

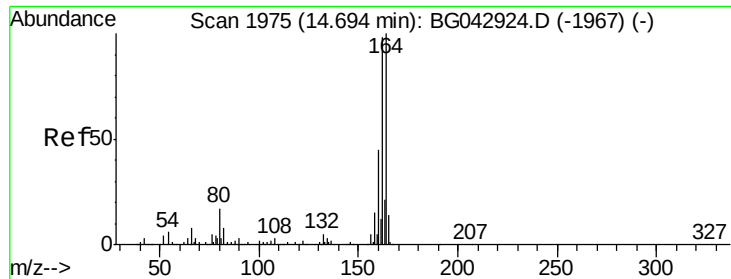
Tot Ion:136	Resp:	181232
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.5	12.7
54 8.2	7.4	11.2
68 4.9	3.6	5.4



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

10-10-F

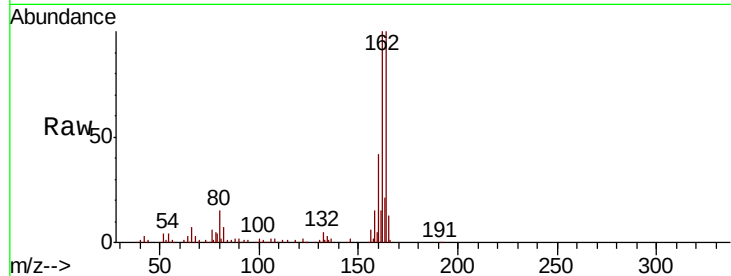
Tot Ion:164 Resp: 137270

Ion Ratio Lower Upper

164 100

162 100.2 78.5 117.7

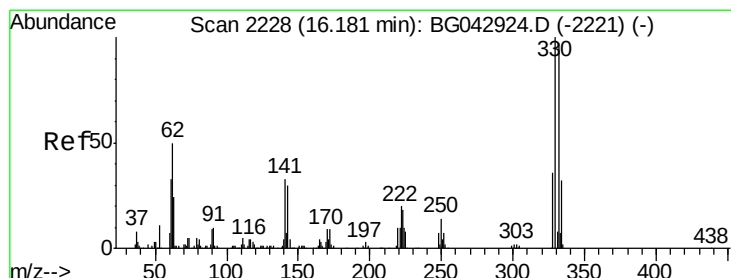
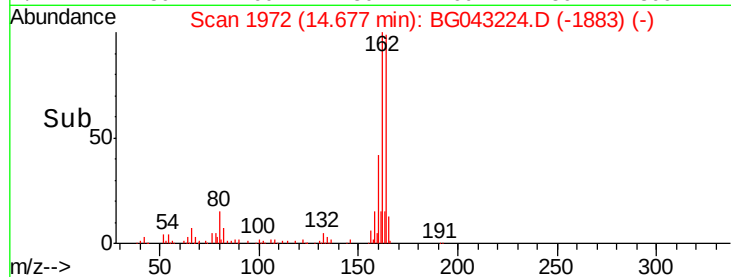
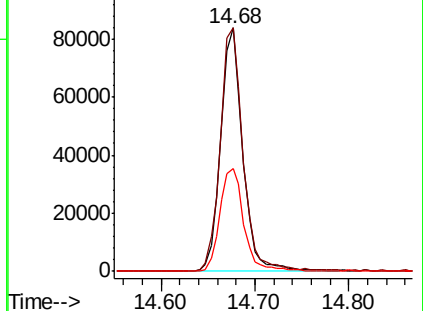
160 42.4 35.9 53.9



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: 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

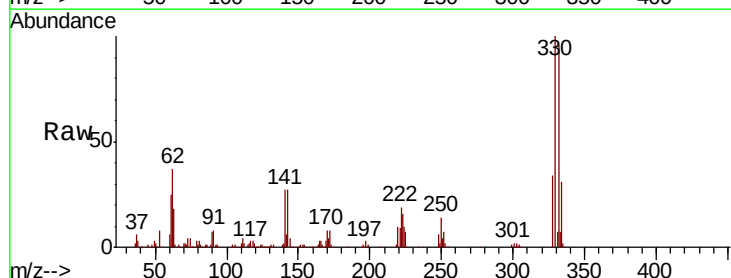
Tgt Ion:330 Resp: 250431

Ion Ratio Lower Upper

330 100

332 95.0 78.2 117.2

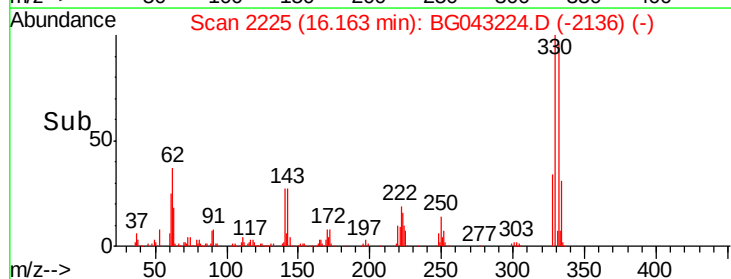
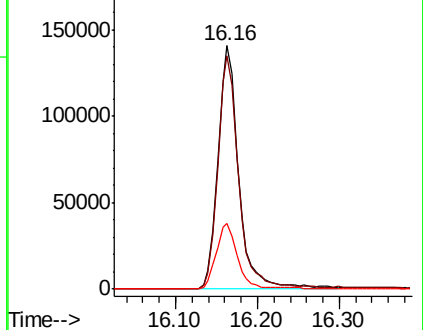
141 27.2 26.0 39.0

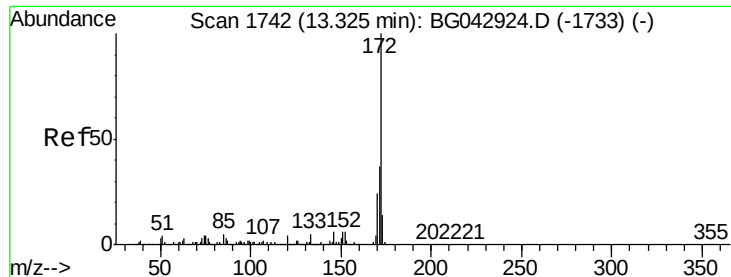


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

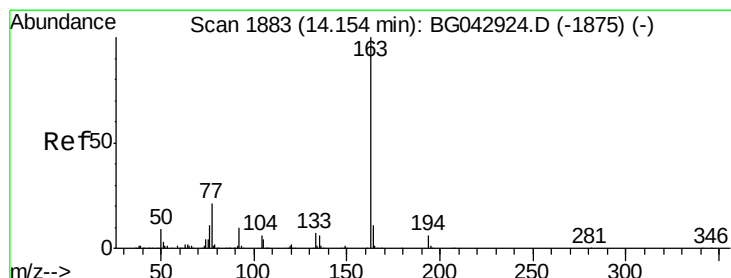
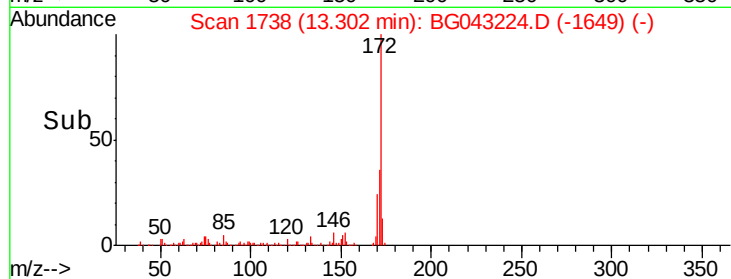
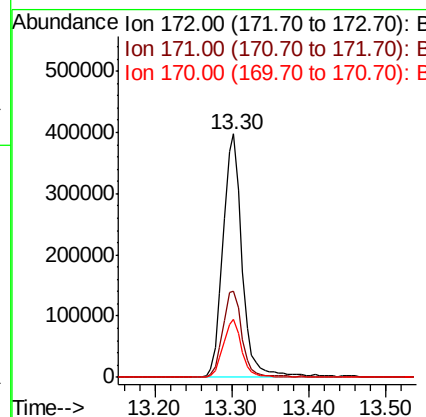
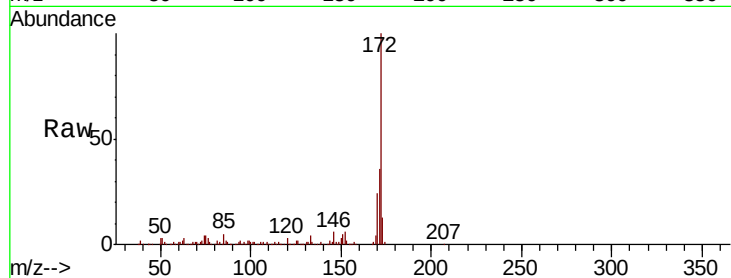




#45
2-Fluorobiphenyl
Concen: 72.535 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

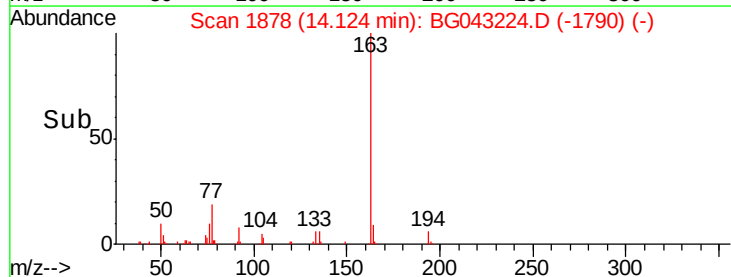
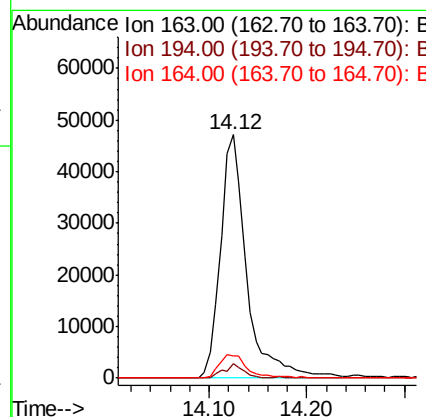
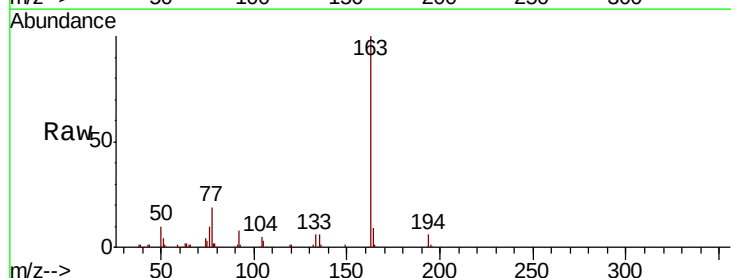
Instrument :
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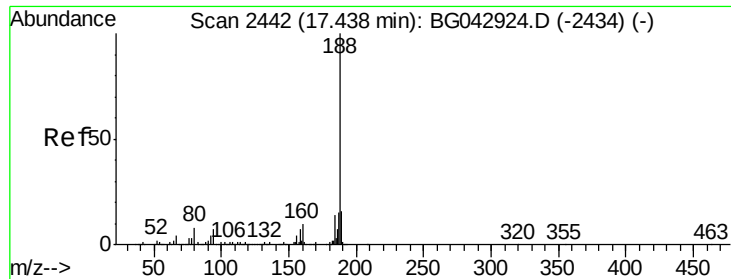
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.9	19.6	29.4



#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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.4	6.6
164	9.1	8.6	12.8

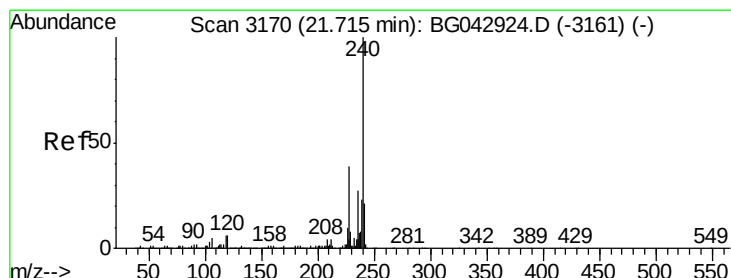
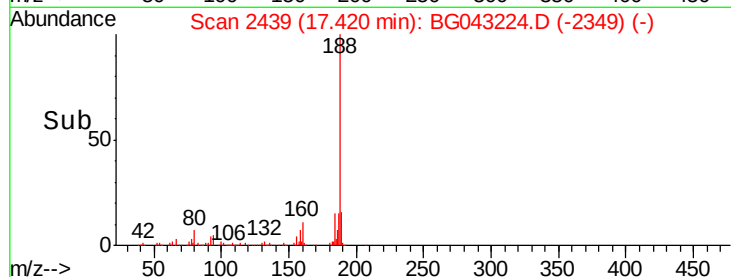
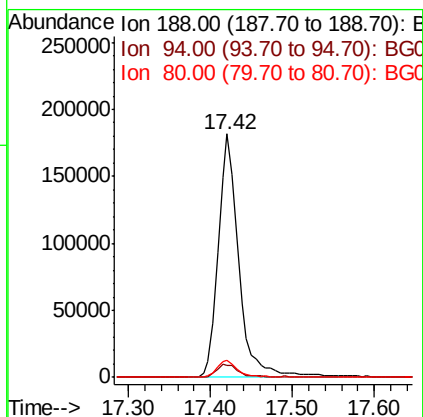
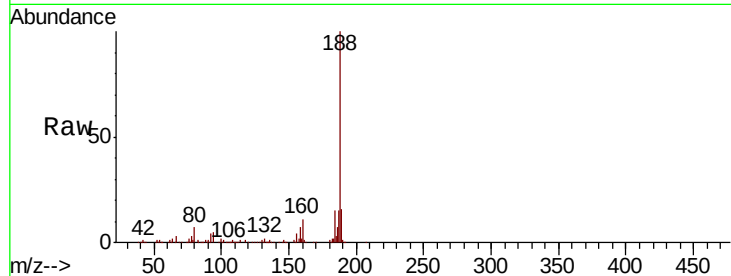




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043224.D
Acq: 15 Oct 2019 18:32

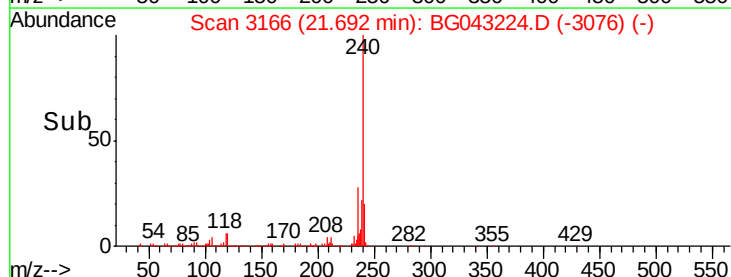
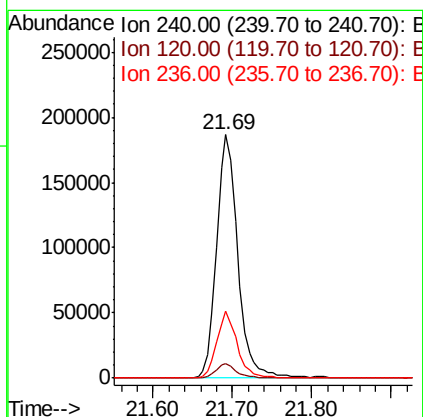
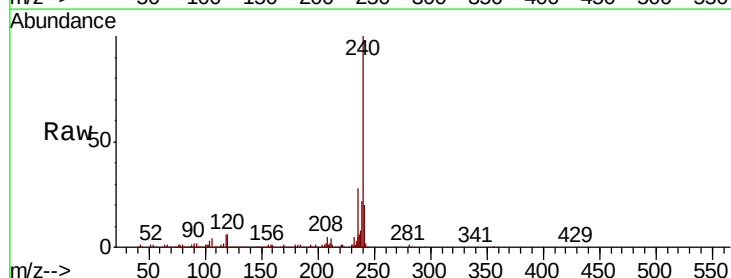
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BNA_G
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10-10-F

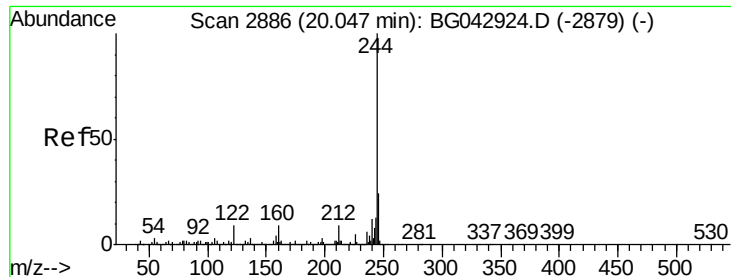
Tot Ion:188 Resp: 318611
Ion Ratio Lower Upper
188 100
94 5.1 5.7 8.5#
80 7.1 6.5 9.7



#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

Tgt Ion:240 Resp: 347343
Ion Ratio Lower Upper
240 100
120 6.0 4.8 7.2
236 27.7 21.4 32.0





#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

Instrument :

BNA_G

ClientSampled :

10-10-F

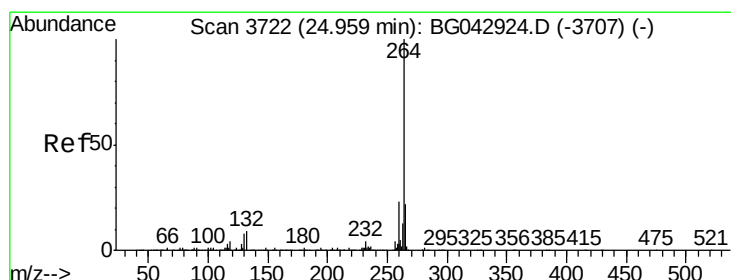
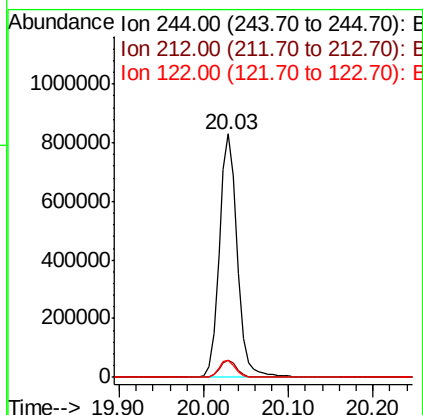
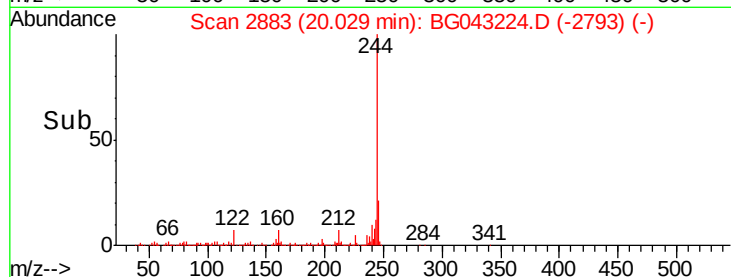
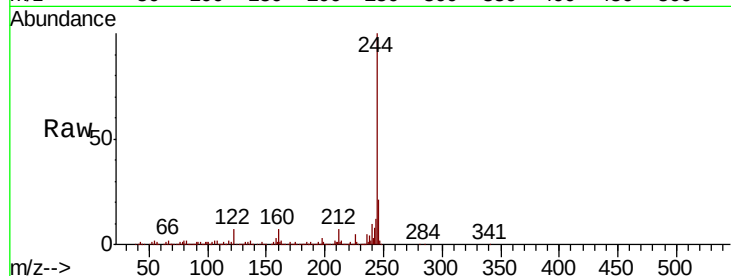
Tot Ion:244 Resp: 1228797

Ion Ratio Lower Upper

244 100

212 7.2 7.4 11.0#

122 6.9 7.0 10.4#



#87

Perylene-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

Tgt Ion:264 Resp: 403746

Ion Ratio Lower Upper

264 100

260 22.5 18.7 28.1

265 22.9 17.7 26.5

