

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
 Data File : BG041388.D
 Acq On : 21 Jun 2019 22:29
 Operator : HP/JU
 Sample : K3453-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-MUD

Quant Time: Jun 22 01:05:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

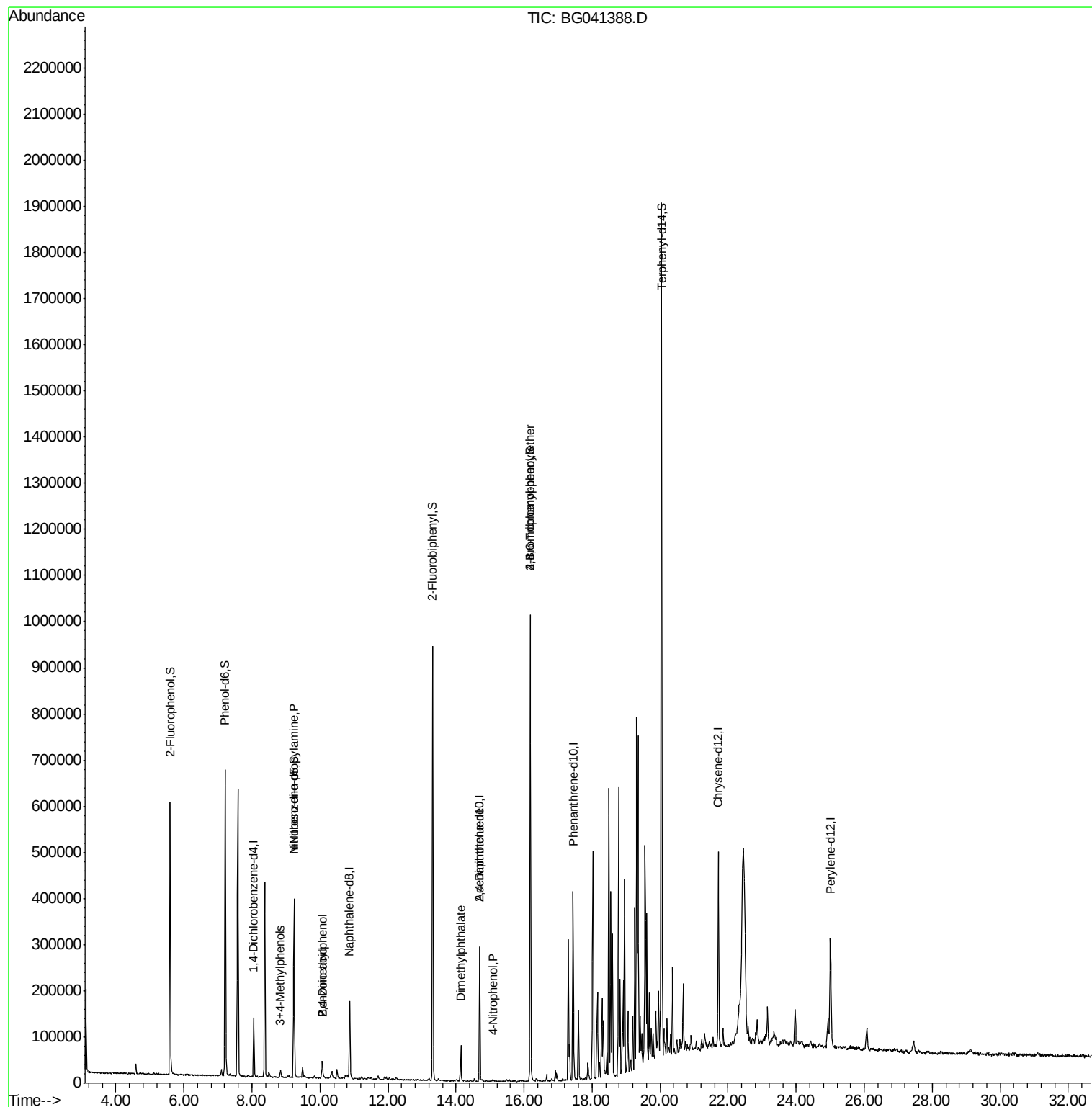
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33674	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	134741	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	98540	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	258587	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	251405	20.00	ng	-0.03
87) Perylene-d12	25.00	264	274553	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	234568	127.99	ng	-0.03
7) Phenol-d6	7.21	99	348552	131.21	ng	-0.02
23) Nitrobenzene-d5	9.23	82	235553	73.52	ng	-0.03
42) 2,4,6-Tribromophenol	16.19	330	187303	123.81	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	472780	65.21	ng	-0.03
79) Terphenyl-d14	20.04	244	860174	67.81	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	34339	15.982	ng	Qvalue # 79
20) 3+4-Methylphenols	8.84	107	7723	2.841	ng	# 97
27) 2,4-Dimethylphenol	10.07	122	14774	7.545	ng	# 77
32) Benzoic acid	10.07	122	14774	11.590	ng	# 7
50) Dimethylphthalate	14.14	163	50187	5.724	ng	# 98
56) 4-Nitrophenol	15.10	139	108	3.291	ng	# 13
57) 2,4-Dinitrotoluene	14.69	165	12941	4.789	ng	# 20
67) 4-Bromophenyl-phenylether	16.19	248	13556	4.054	ng	# 1

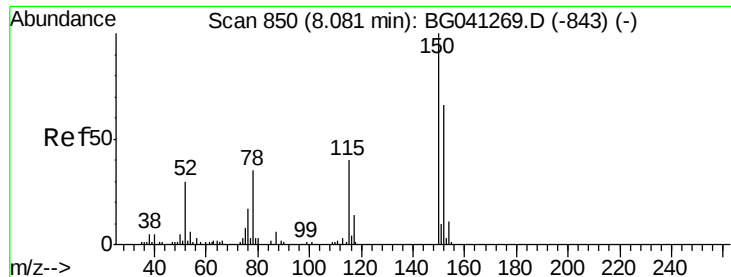
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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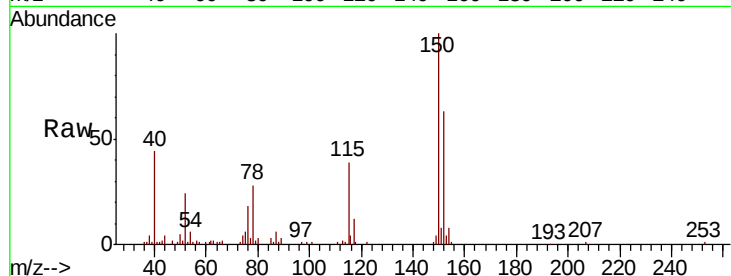


#1

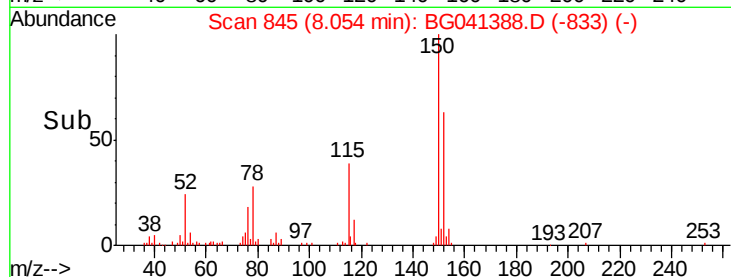
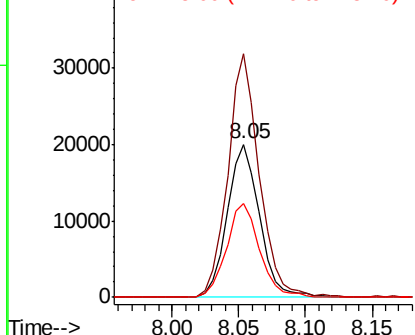
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tgt Ion:152 Resp: 33674
Ion Ratio Lower Upper
152 100
150 158.8 120.6 181.0
115 61.4 47.9 71.9



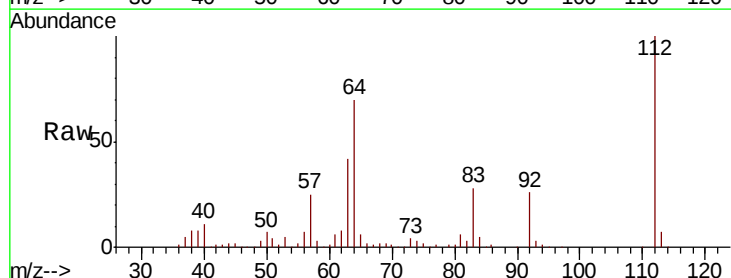
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



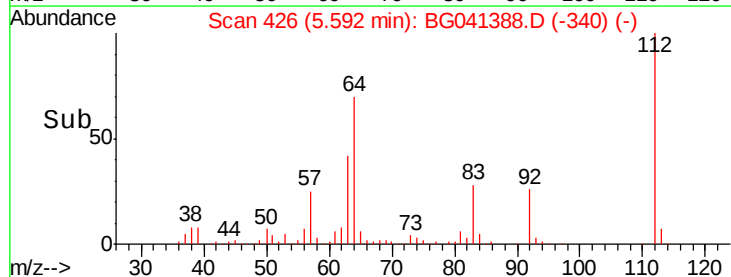
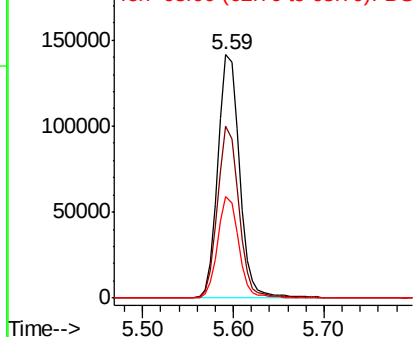
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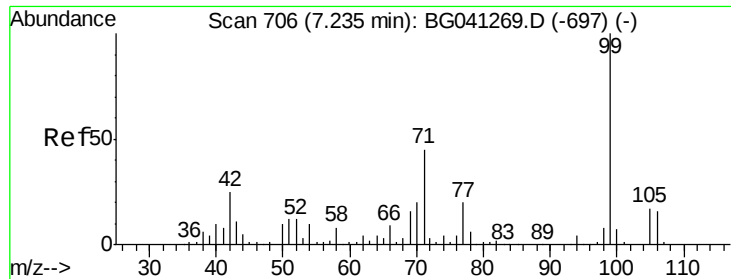
2-Fluorophenol
Concen: 127.992 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

Tgt Ion:112 Resp: 234568
Ion Ratio Lower Upper
112 100
64 70.4 55.9 83.9
63 41.5 34.6 51.8



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: 131.208 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041388.D

Acq: 21 Jun 2019 22:29

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-MUD

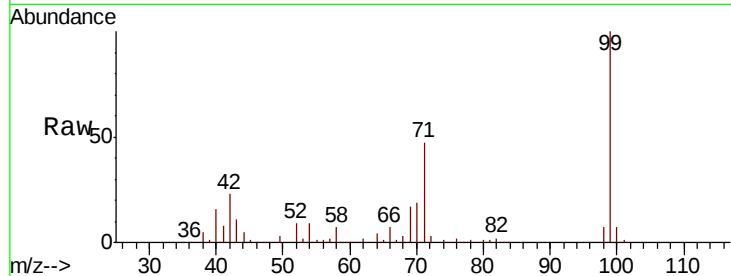
Tgt Ion: 99 Resp: 348552

Ion Ratio Lower Upper

99 100

42 23.1 19.9 29.9

71 46.5 36.4 54.6

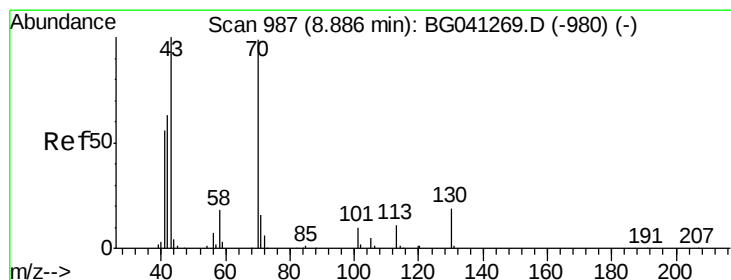
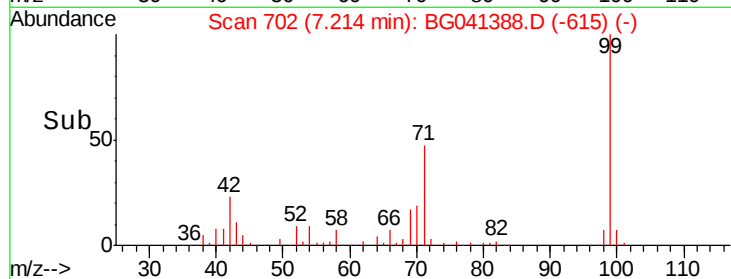
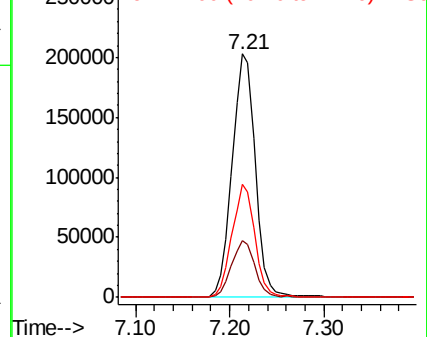


Abundance

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: 15.982 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.35 min

Lab File: BG041388.D

Acq: 21 Jun 2019 22:29

Tgt Ion: 70 Resp: 34339

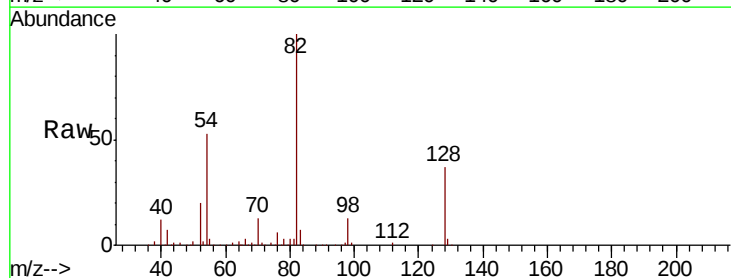
Ion Ratio Lower Upper

70 100

42 51.8 51.4 77.2

101 0.0 8.2 12.2#

130 2.7 15.2 22.8#



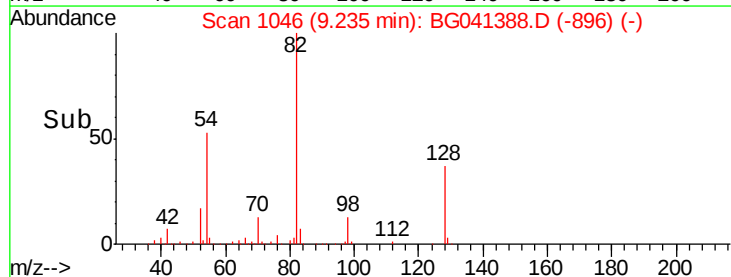
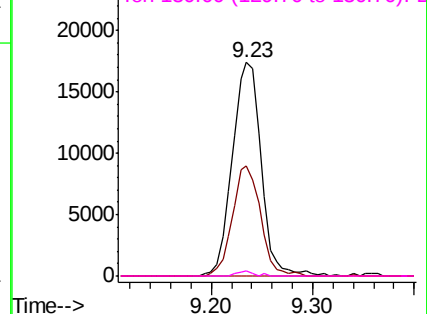
Abundance

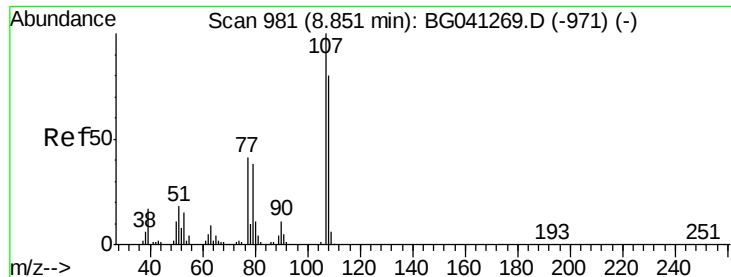
Ion 70.00 (69.70 to 70.70): BGC

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

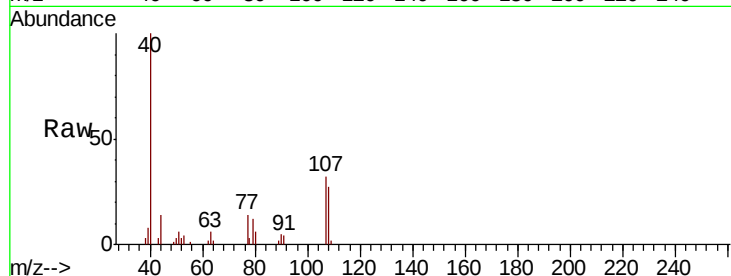




#20
 3+4-Methylphenols
 Concen: 2.841 ng
 RT: 8.84 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BG041388.D
 Acq: 21 Jun 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-MUD

Tgt Ion:	107	Resp:	7723
Ion	Ratio	Lower	Upper
107	100		
108	82.5	60.4	100.4
77	44.3	21.2	61.2
79	36.0	17.7	57.7



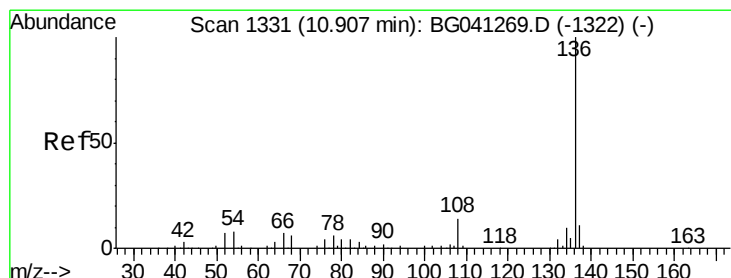
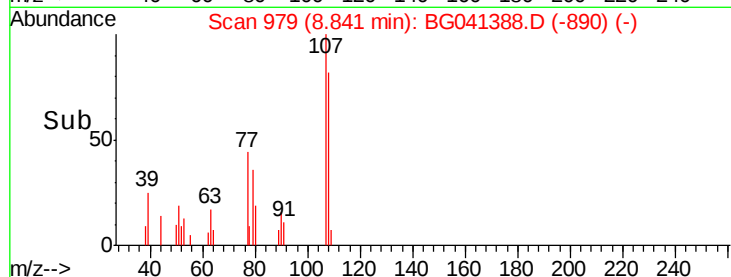
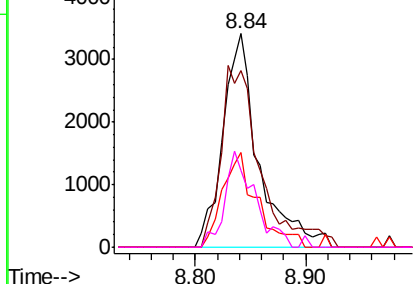
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

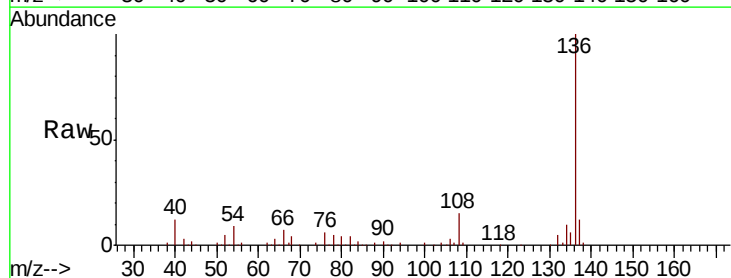
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.87 min Scan# 1325
 Delta R.T. -0.03 min
 Lab File: BG041388.D
 Acq: 21 Jun 2019 22:29

Tgt Ion:	136	Resp:	134741
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.8	13.2
54	9.4	6.4	9.6
68	4.4	4.8	7.2#



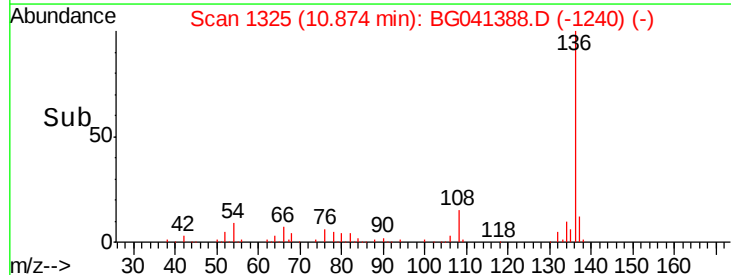
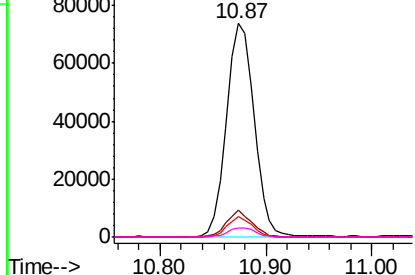
Abundance

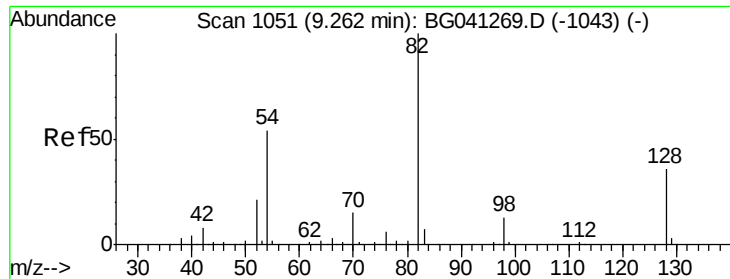
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG

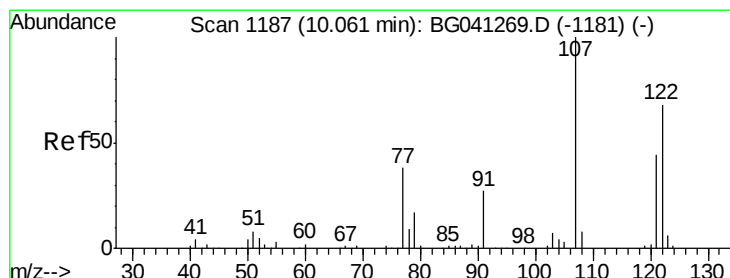
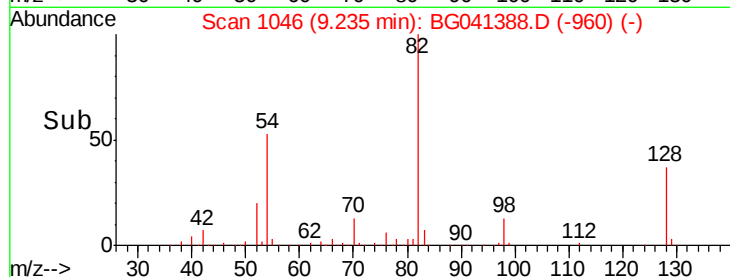
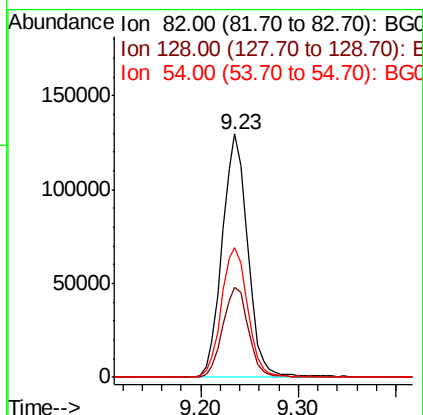
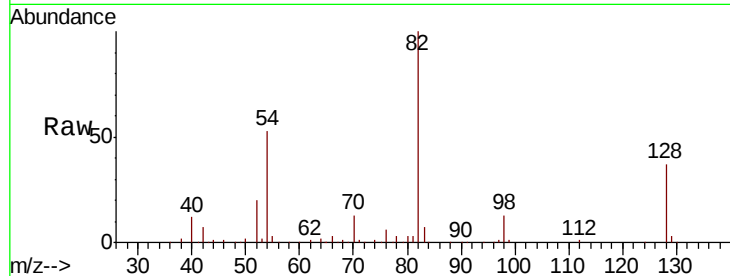




#23
 Nitrobenzene-d5
 Concen: 73.522 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BG041388.D
 Acq: 21 Jun 2019 22:29

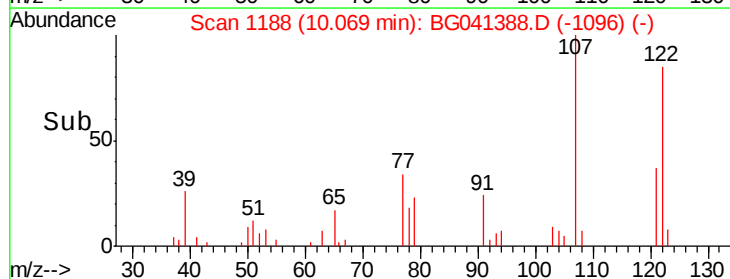
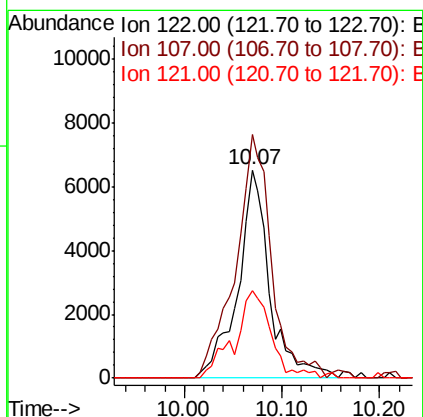
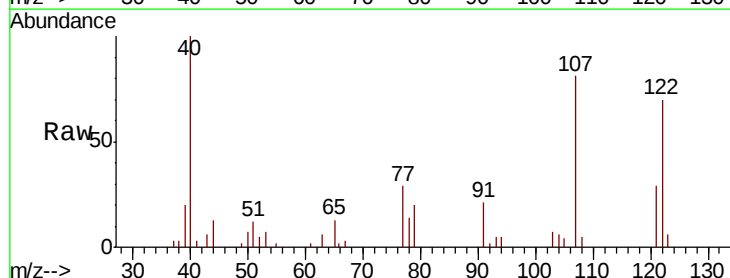
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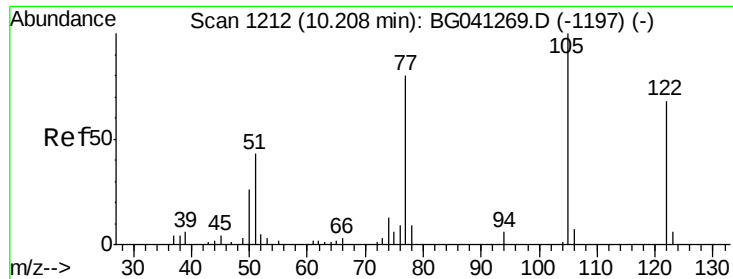
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.2	43.8
54	53.3	43.4	65.0



#27
 2,4-Dimethylphenol
 Concen: 7.545 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BG041388.D
 Acq: 21 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.1	115.1	172.7
121	41.9	50.1	75.1#

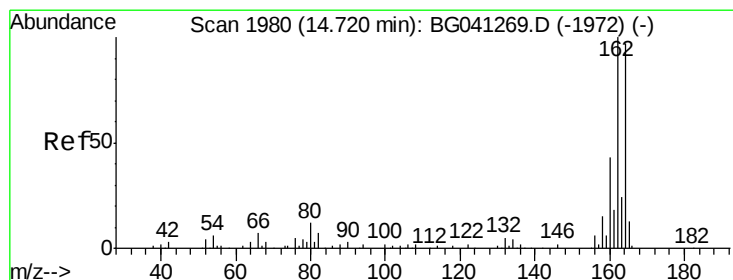
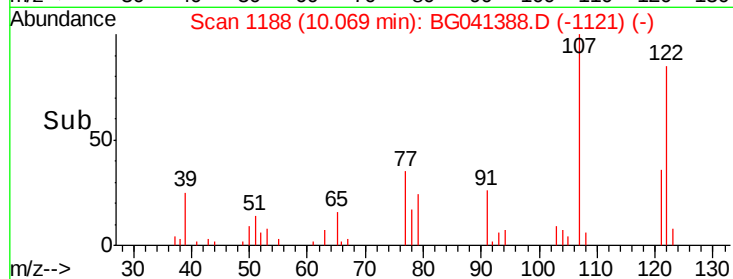
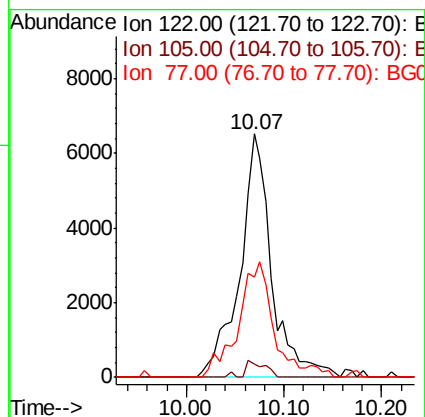
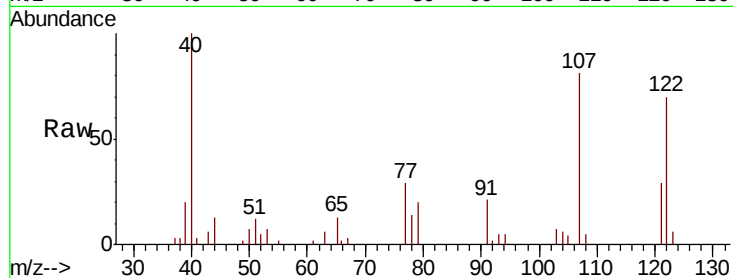




#32
Benzoic acid
Concen: 11.590 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.14 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

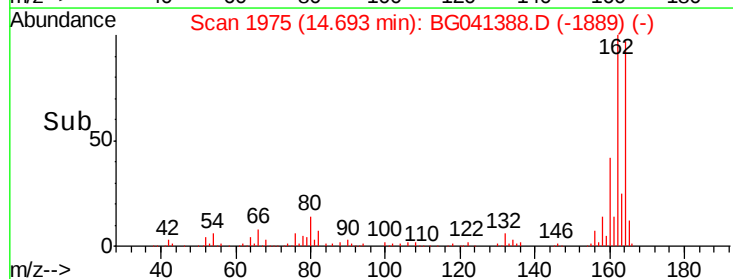
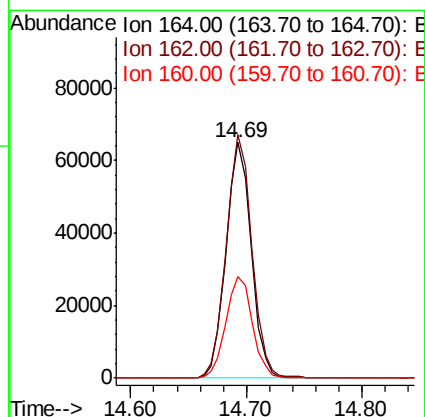
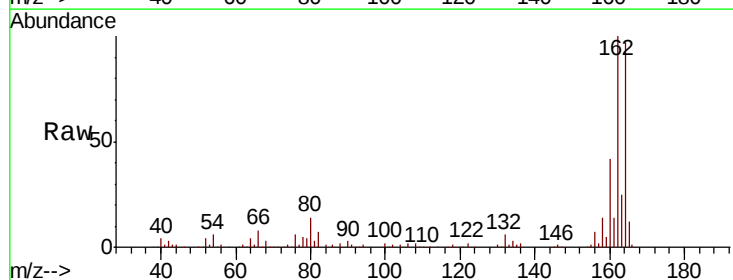
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BNA_G
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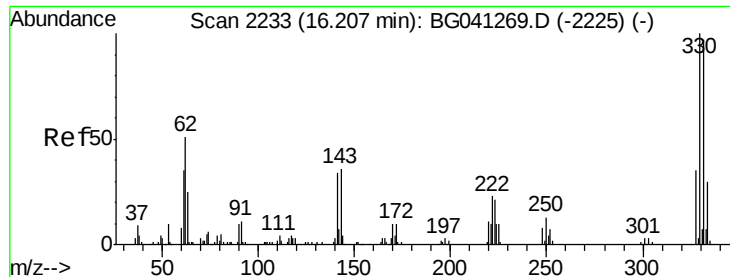
Tgt Ion:122 Resp: 14774
Ion Ratio Lower Upper
122 100
105 5.2 124.2 164.2#
77 41.0 97.2 137.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

Tgt Ion:164 Resp: 98540
Ion Ratio Lower Upper
164 100
162 103.4 82.8 124.2
160 43.3 35.8 53.8

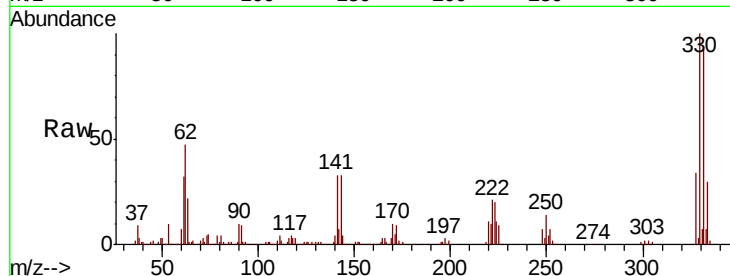




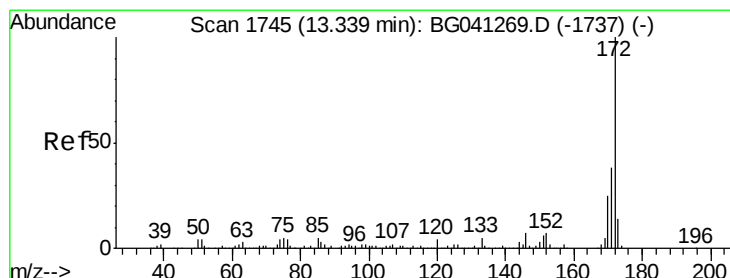
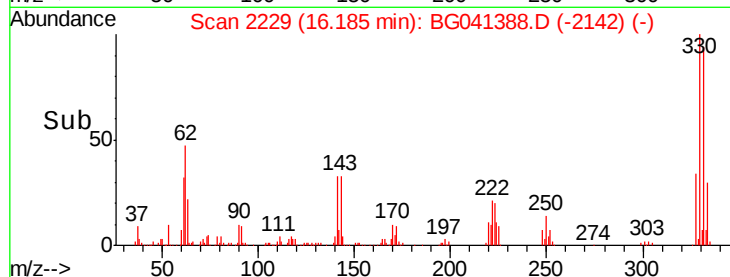
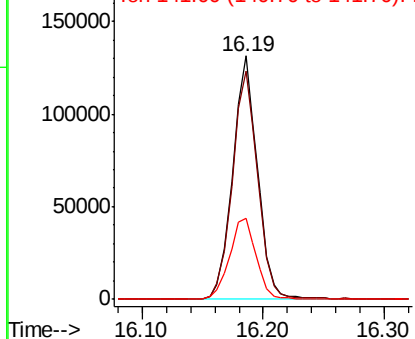
#42
 2,4,6-Tribromophenol
 Concen: 123.812 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BG041388.D
 Acq: 21 Jun 2019 22:29

Instrument :
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Tgt Ion:330 Resp: 187303
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.5 113.3
 141 36.0 29.0 43.4

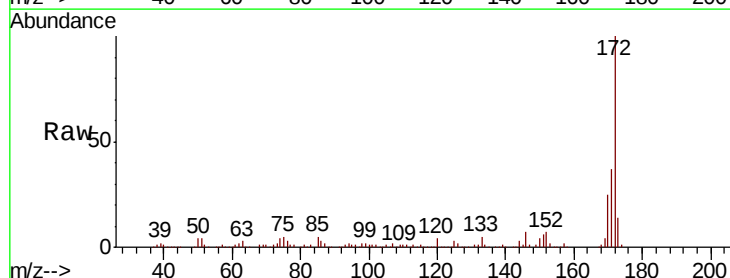


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

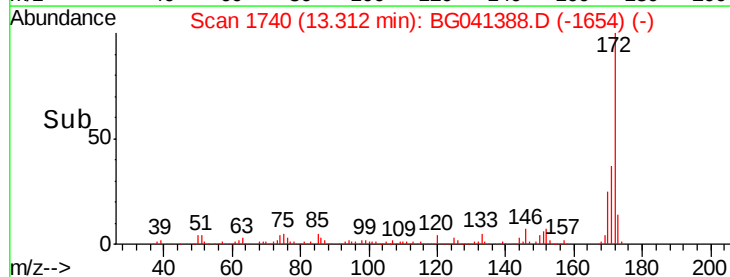
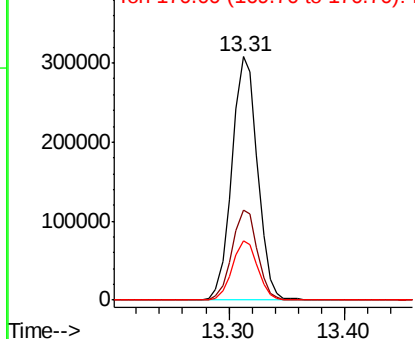


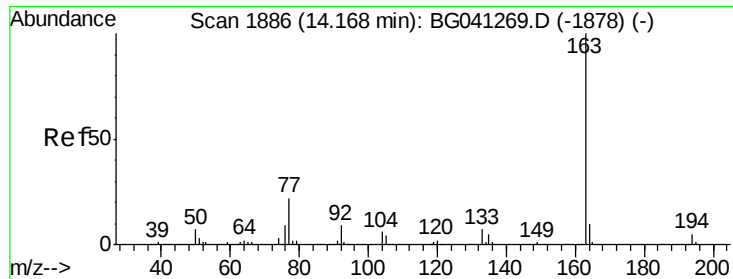
#45
 2-Fluorobiphenyl
 Concen: 65.210 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG041388.D
 Acq: 21 Jun 2019 22:29

Tgt Ion:172 Resp: 472780
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.5 19.8 29.6



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: 5.724 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.03 min

Lab File: BG041388.D

Acq: 21 Jun 2019 22:29

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-MUD

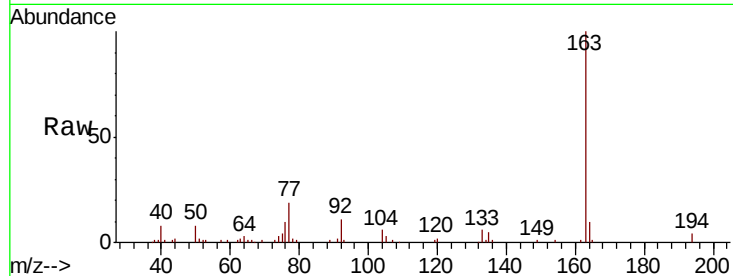
Tgt Ion:163 Resp: 50187

Ion Ratio Lower Upper

163 100

194 4.2 3.9 5.9

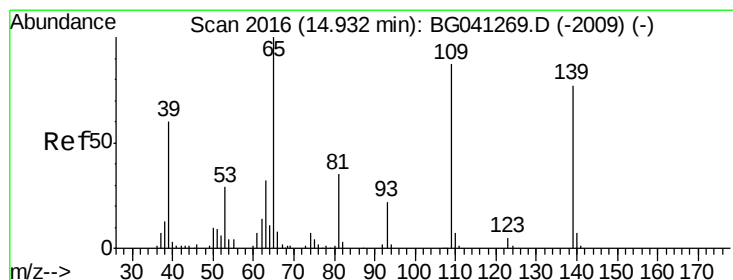
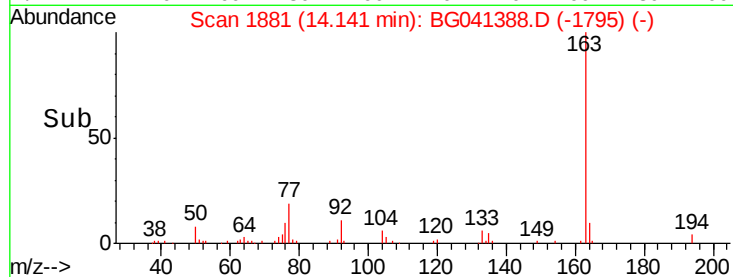
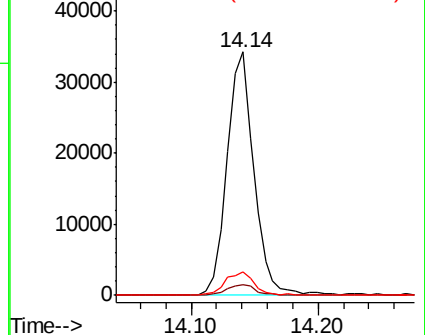
164 9.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

4-Nitrophenol

Concen: 3.291 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.17 min

Lab File: BG041388.D

Acq: 21 Jun 2019 22:29

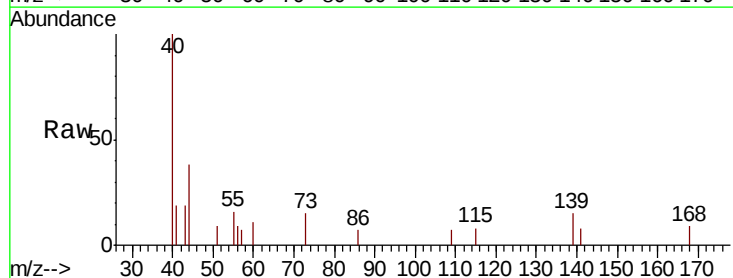
Tgt Ion:139 Resp: 108

Ion Ratio Lower Upper

139 100

109 49.5 93.2 133.2#

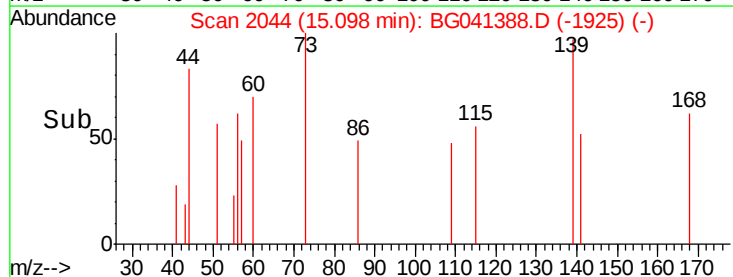
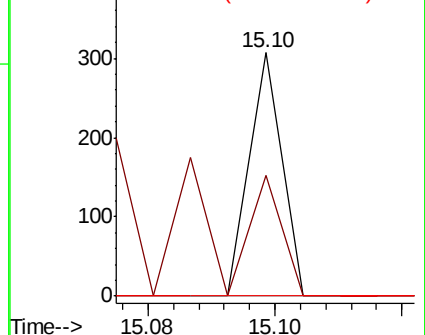
65 0.0 110.2 150.2#

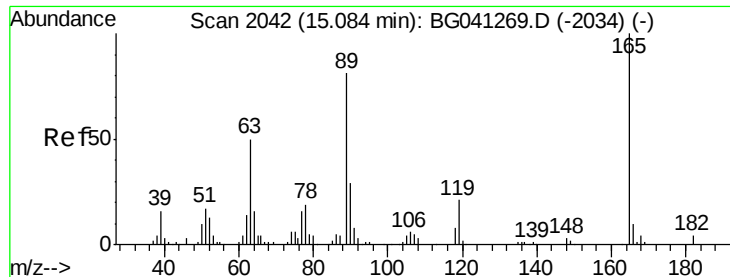


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

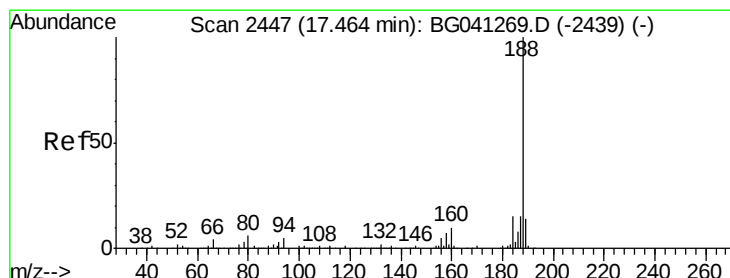
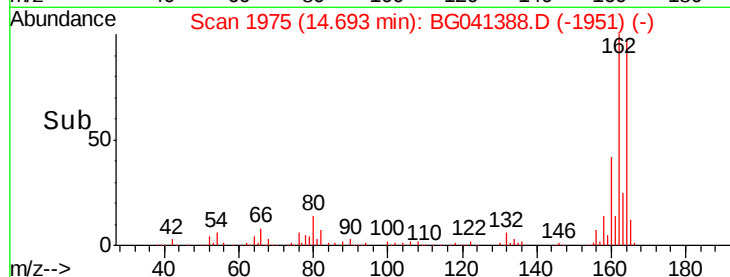
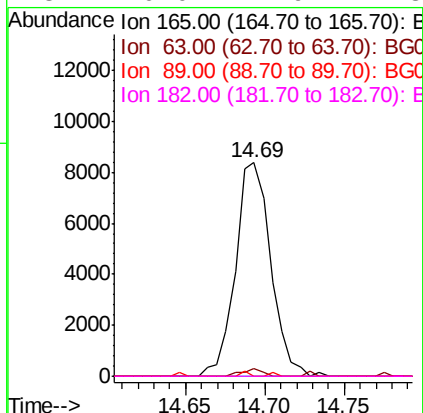
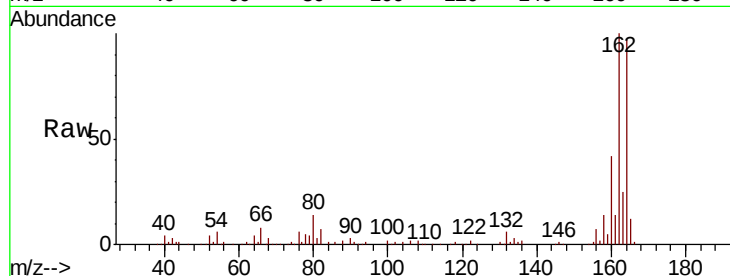




#57
2,4-Dinitrotoluene
Concen: 4.789 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.39 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

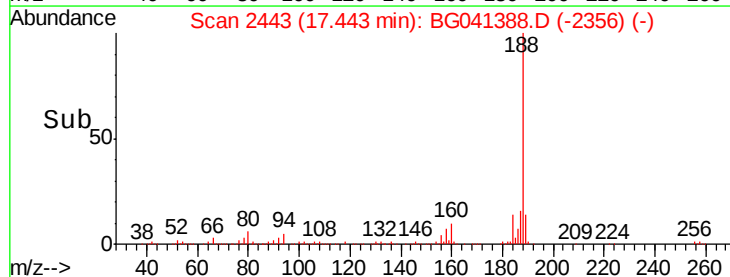
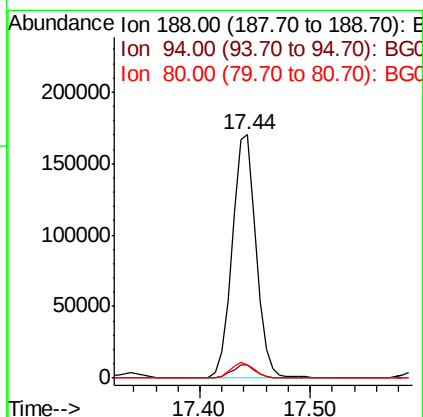
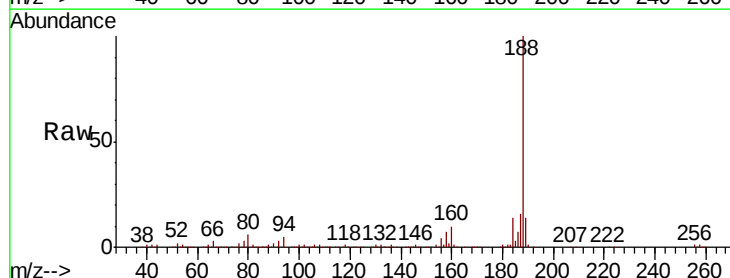
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

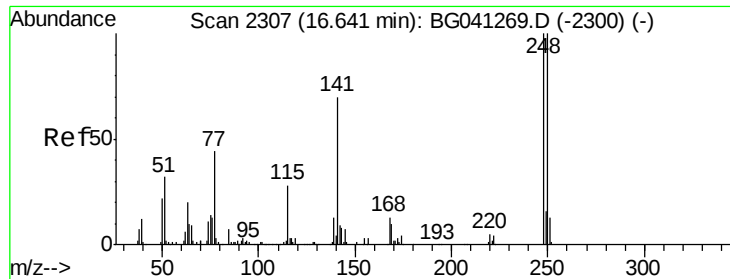
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.5	40.0	60.0#
89	0.0	64.6	96.8#
182	0.0	2.9	4.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.02 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	3.6	5.4
80	5.6	4.8	7.2

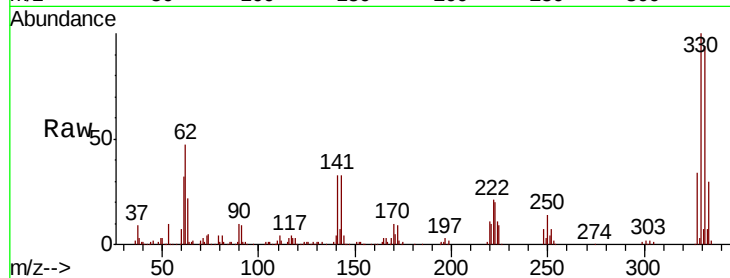




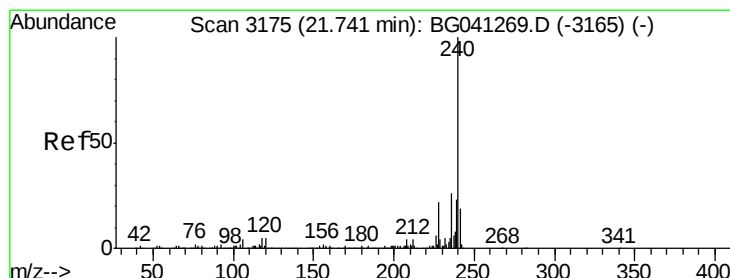
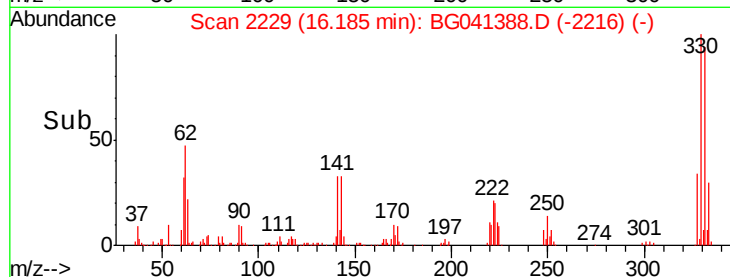
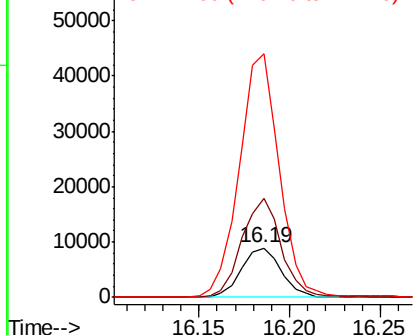
#67
4-Bromophenyl-phenylether
Concen: 4.054 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tgt Ion:248 Resp: 13556
Ion Ratio Lower Upper
248 100
250 199.1 79.8 119.8#
141 492.0 55.8 83.6#

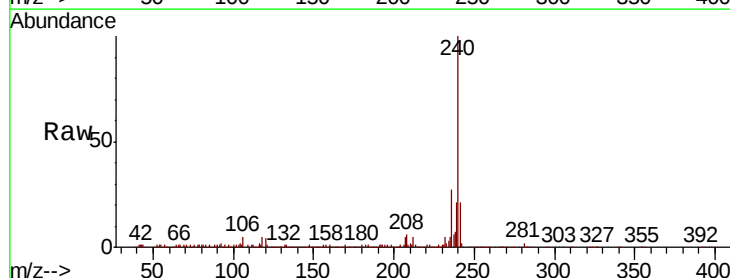


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

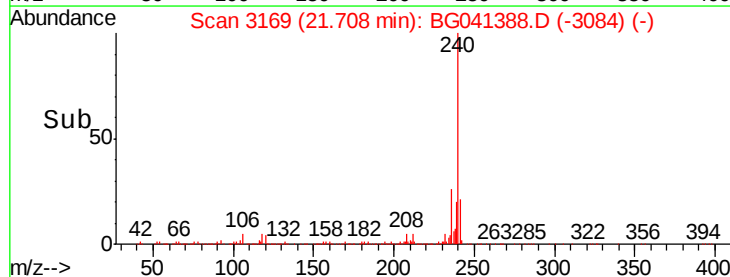
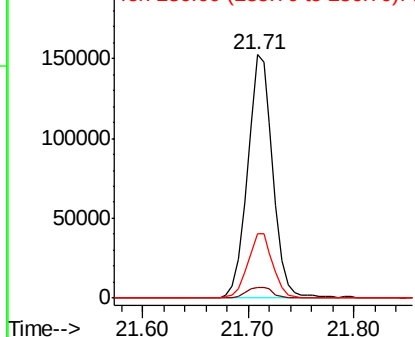


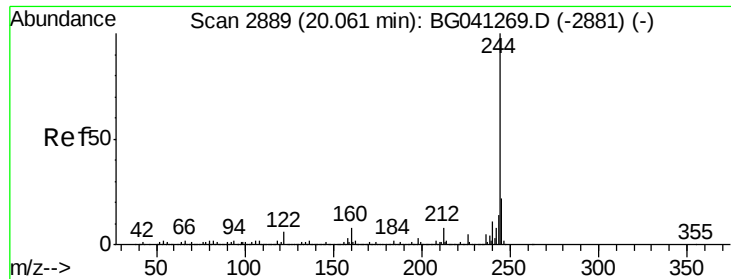
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

Tgt Ion:240 Resp: 251405
Ion Ratio Lower Upper
240 100
120 4.3 3.7 5.5
236 26.5 21.1 31.7



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: 67.806 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041388.D

Acq: 21 Jun 2019 22:29

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-MUD

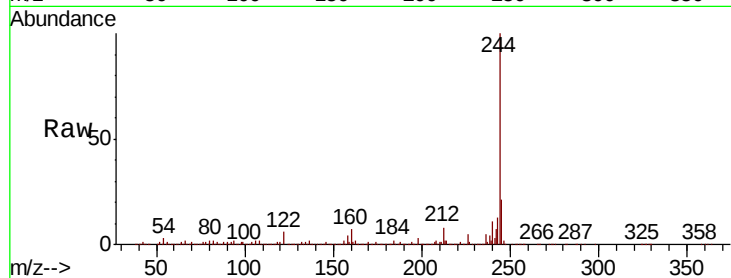
Tgt Ion:244 Resp: 860174

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

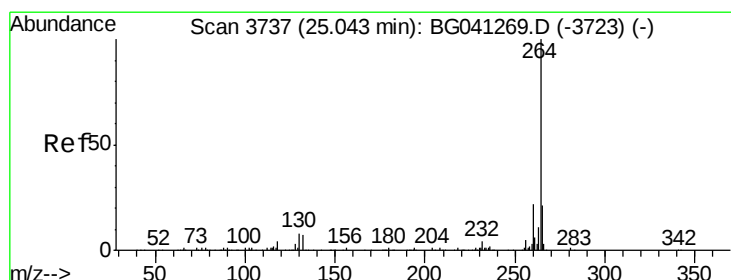
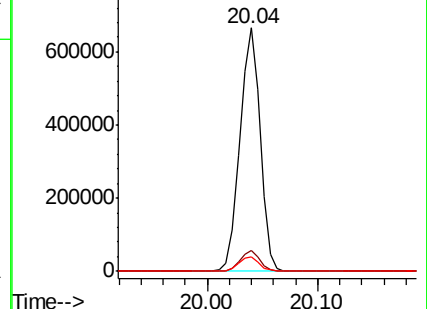
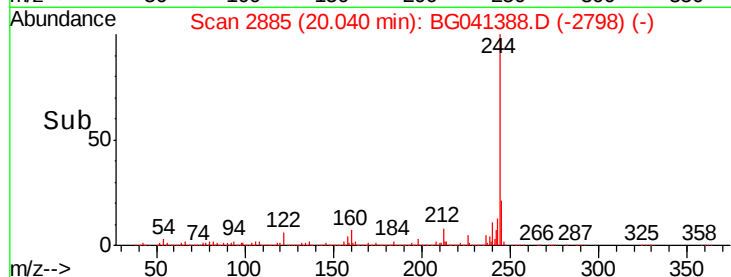
122 6.1 5.0 7.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG041388.D

Acq: 21 Jun 2019 22:29

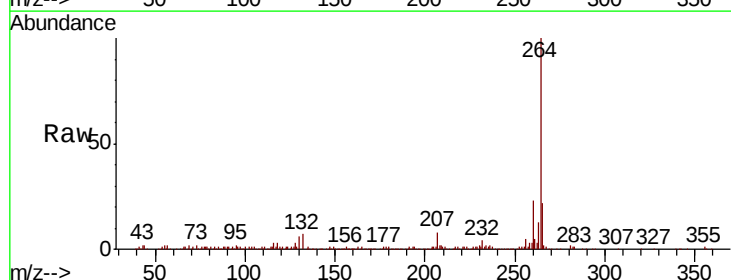
Tgt Ion:264 Resp: 274553

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.2

265 22.3 17.2 25.8



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

