

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 01:44:44 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

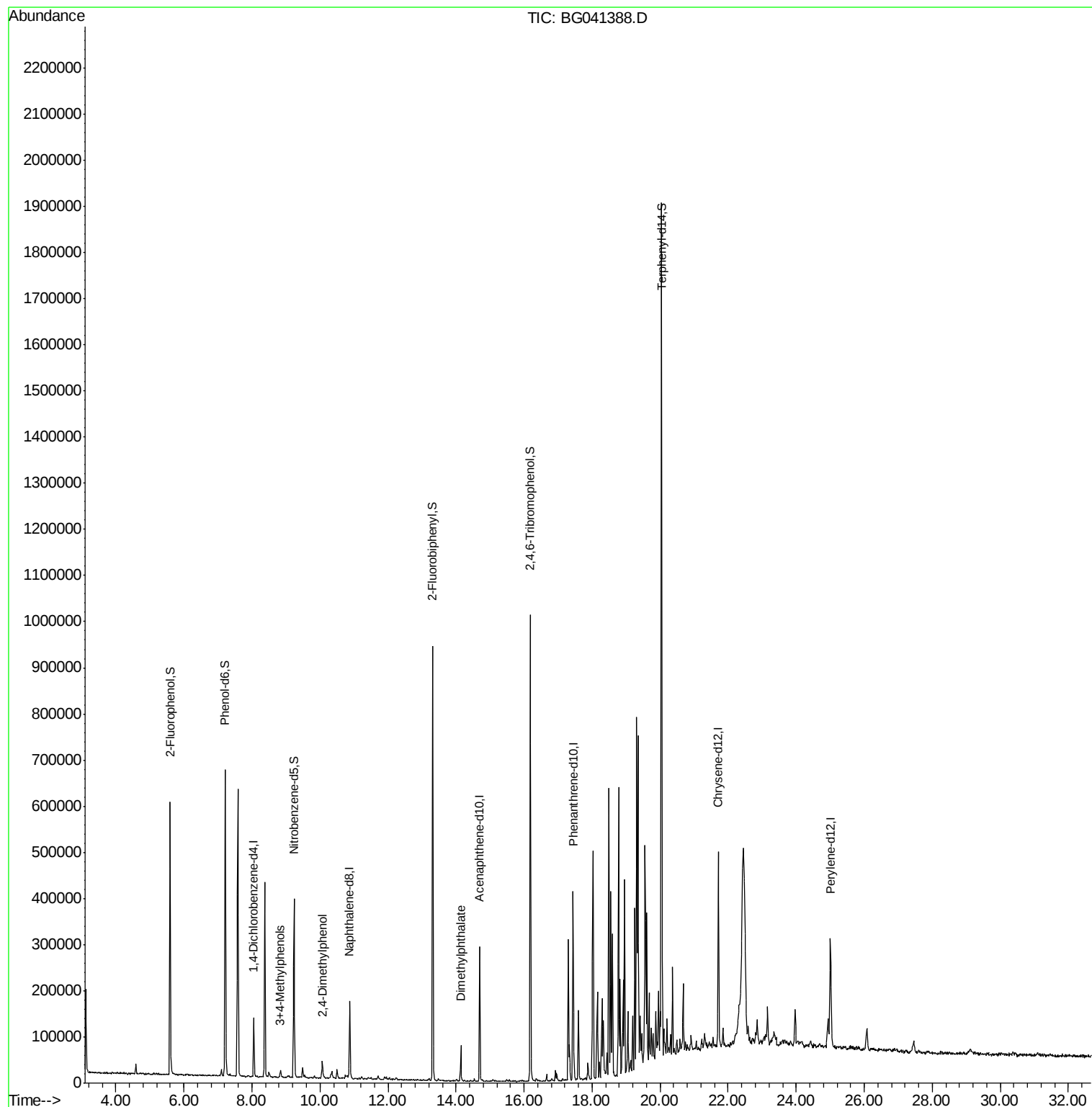
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33674	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	134741	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	98540	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	258587	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	251405	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						
20) 3+4-Methylphenols	8.84	107	7723	2.841	ng	97
27) 2,4-Dimethylphenol	10.07	122	14774	7.545	ng	# 77
50) Dimethylphthalate	14.14	163	50187	5.724	ng	98

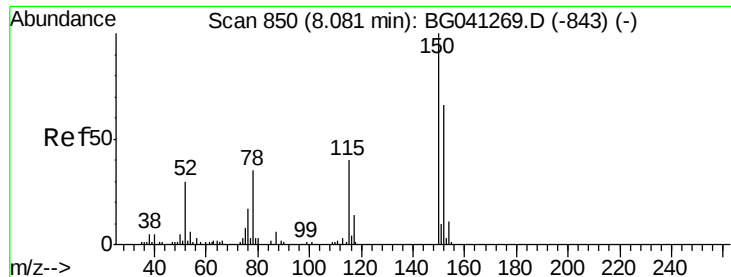
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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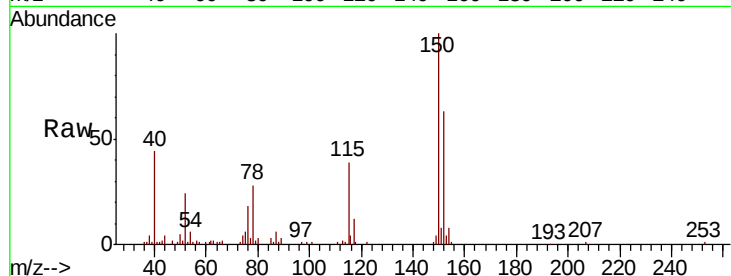


#1

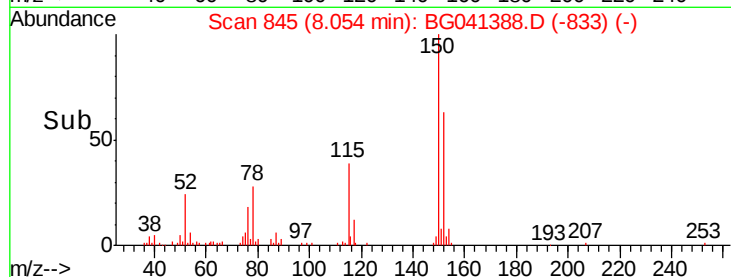
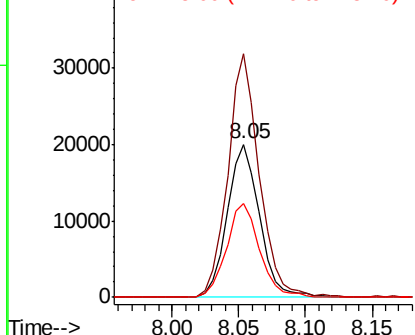
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

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



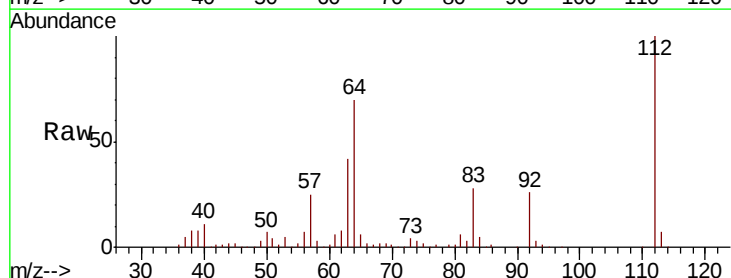
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



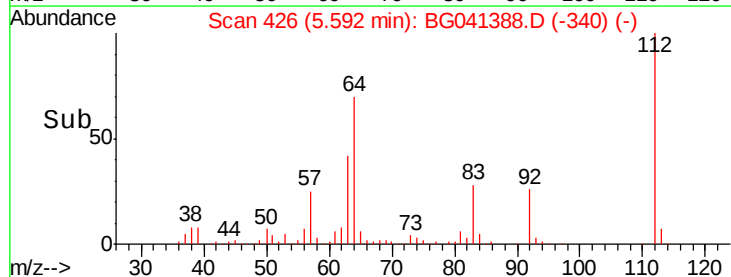
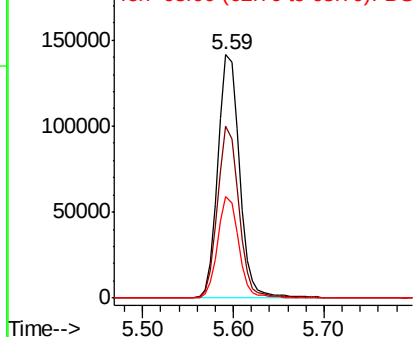
#5

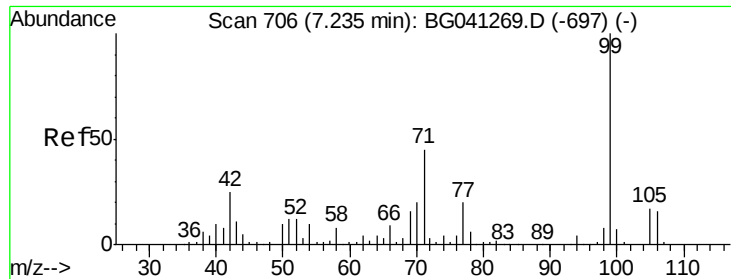
2-Fluorophenol
Concen: 127.992 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

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

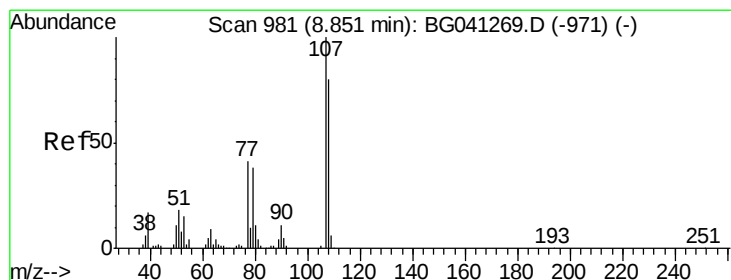
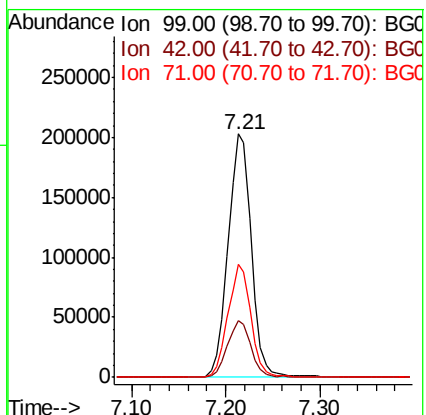
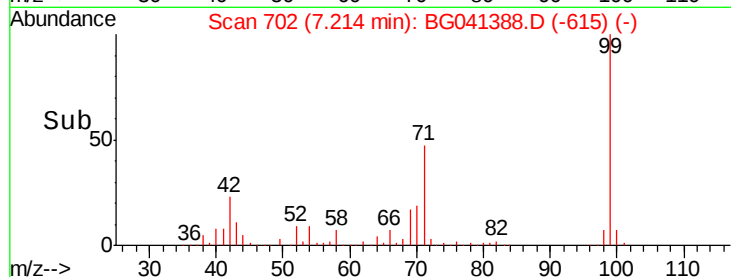
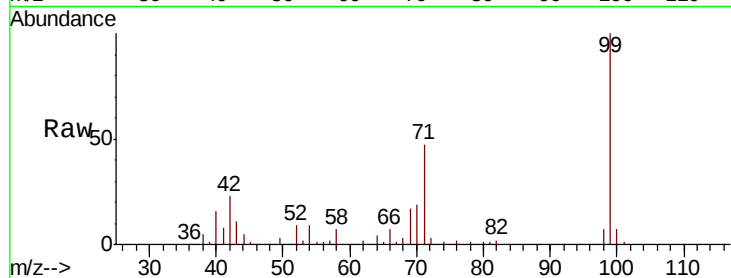
Tot Ion: 99 Resp: 348552

Ion Ratio Lower Upper

99 100

42 23.1 19.9 29.9

71 46.5 36.4 54.6



#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

Tgt Ion: 107 Resp: 7723

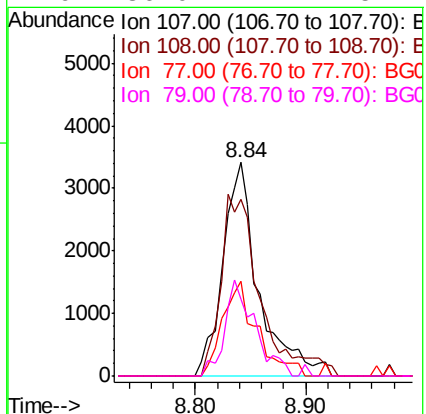
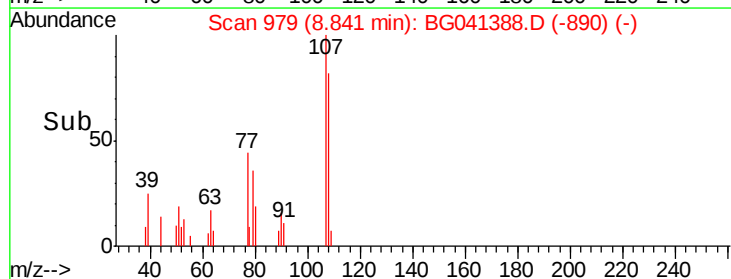
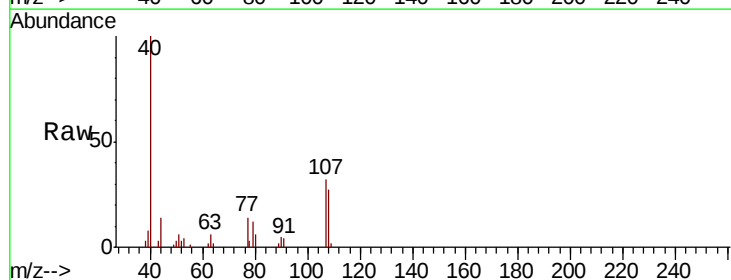
Ion Ratio Lower Upper

107 100

108 82.5 60.4 100.4

77 44.3 21.2 61.2

79 36.0 17.7 57.7

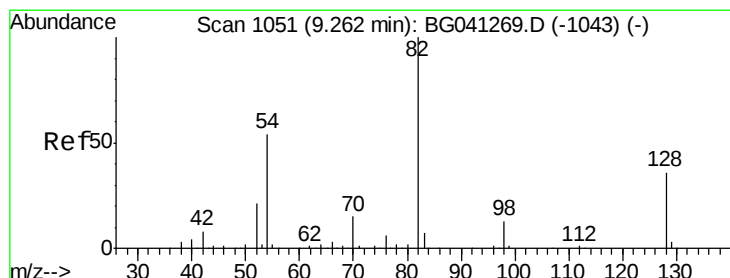
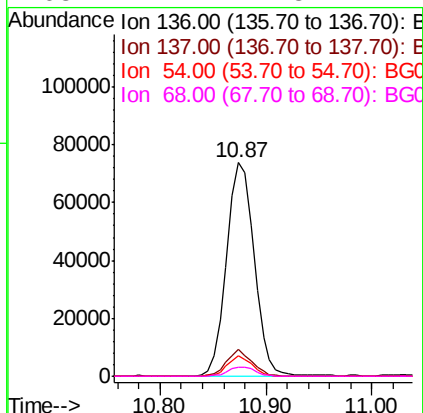
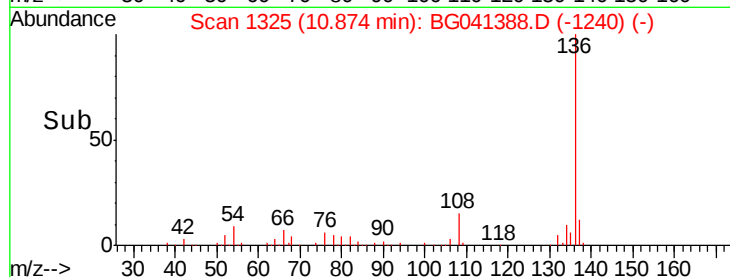
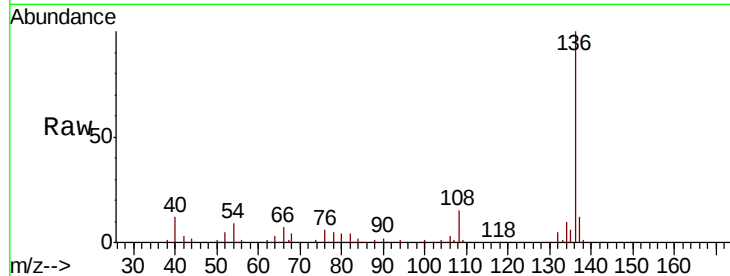




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

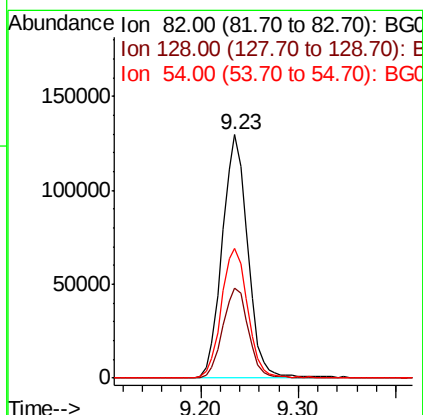
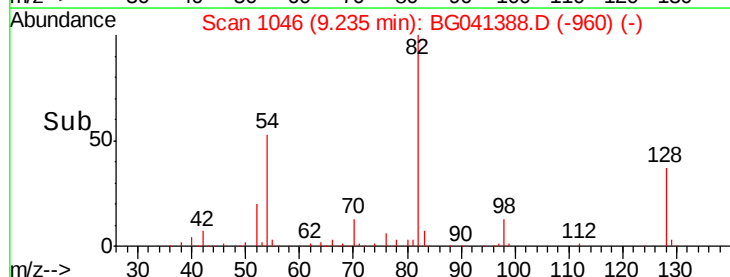
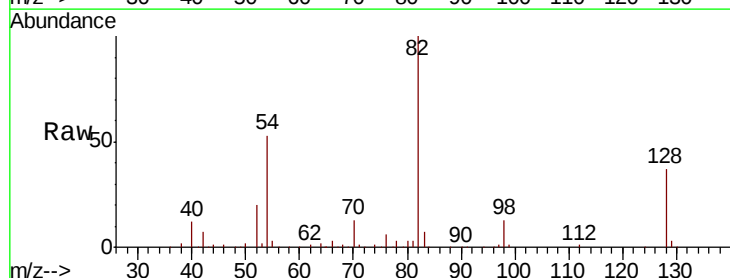
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

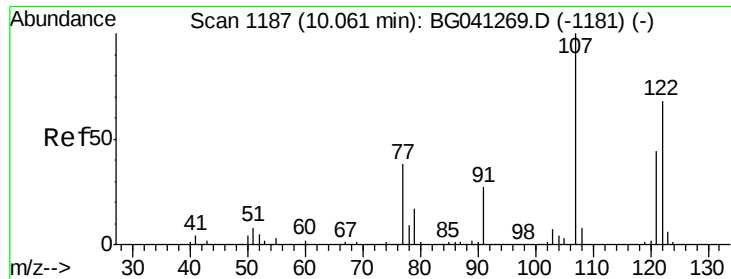
Tot Ion:136	Resp:	134741
Ion	Ratio	Lower Upper
136	100	
137	12.3	8.8 13.2
54	9.4	6.4 9.6
68	4.4	4.8 7.2#



#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

Tgt Ion: 82	Resp:	235553
Ion	Ratio	Lower Upper
82	100	
128	37.1	29.2 43.8
54	53.3	43.4 65.0

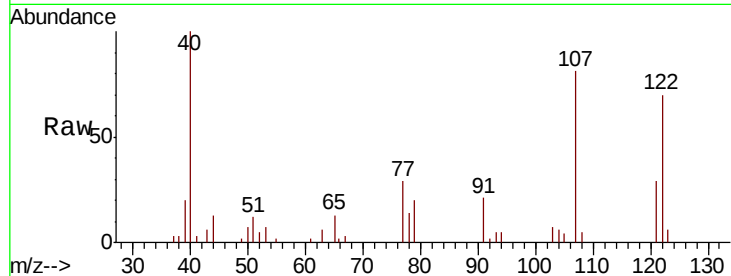




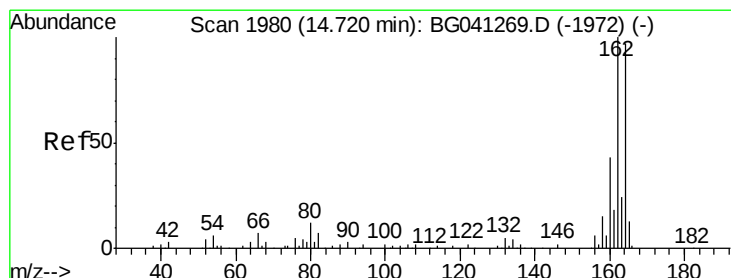
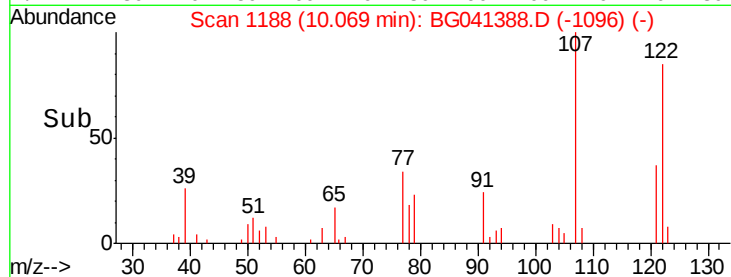
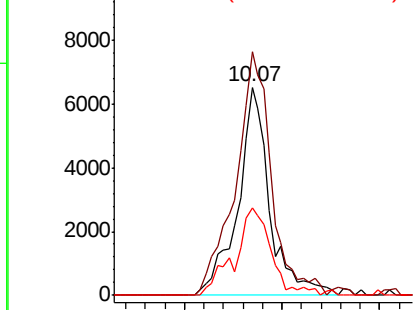
#27
 2,4-Dimethylphenol
 Concen: 7.545 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BG041388.D
 Acq: 21 Jun 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-MUD

Tot Ion:122 Resp: 14774
 Ion Ratio Lower Upper
 122 100
 107 117.1 115.1 172.7
 121 41.9 50.1 75.1#

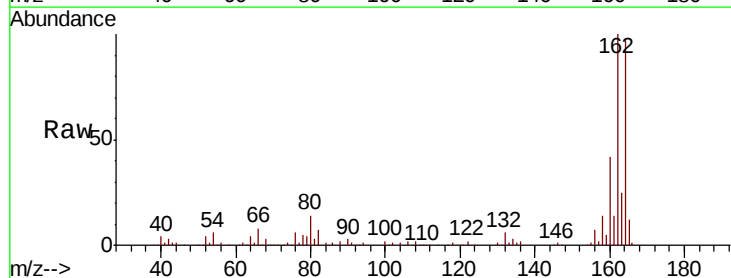


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

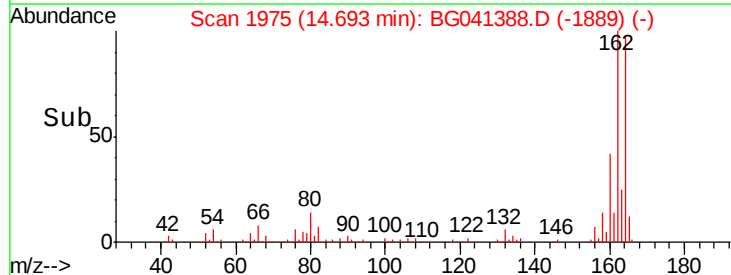
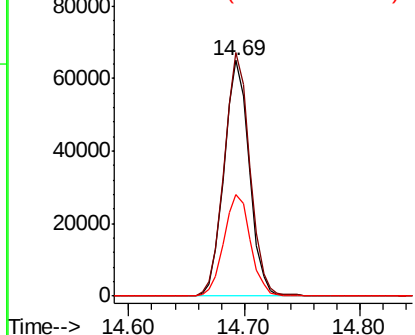


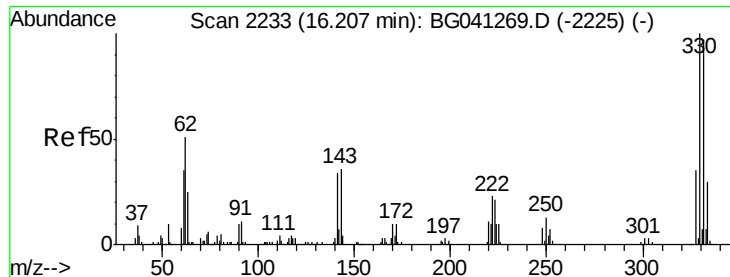
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.03 min
 Lab File: BG041388.D
 Acq: 21 Jun 2019 22:29

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



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

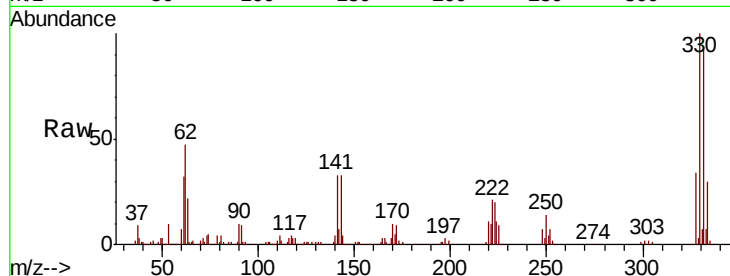




#42
 2,4,6-Tribromophenol
 Concen: 123.812 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BG041388.D
 Acq: 21 Jun 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-MUD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.5	113.3
141	36.0	29.0	43.4

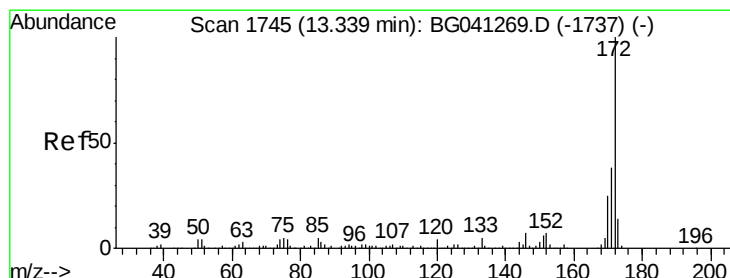
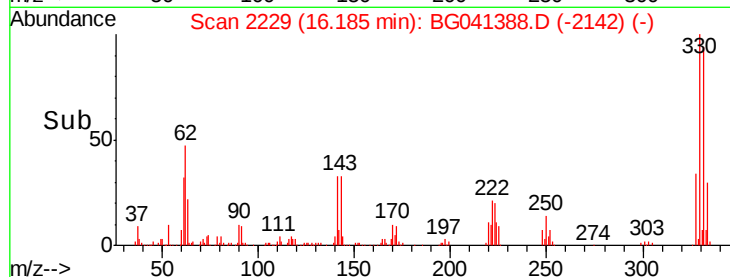
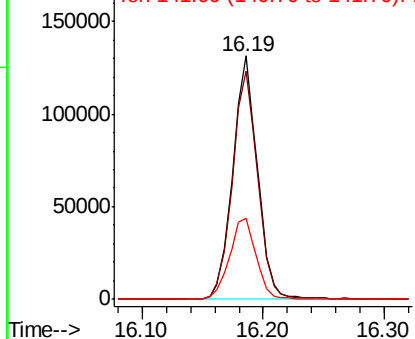


Abundance

Ion 329.80 (329.50 to 330.50): E

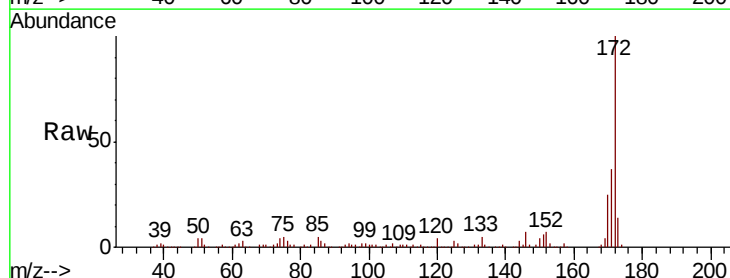
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.5	19.8	29.6

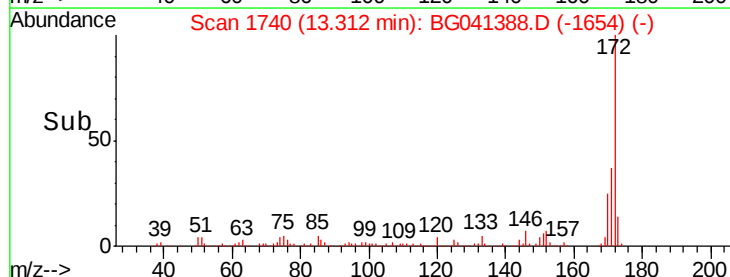
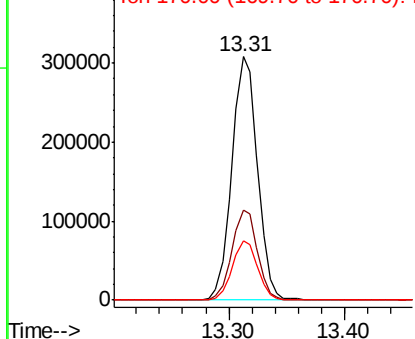


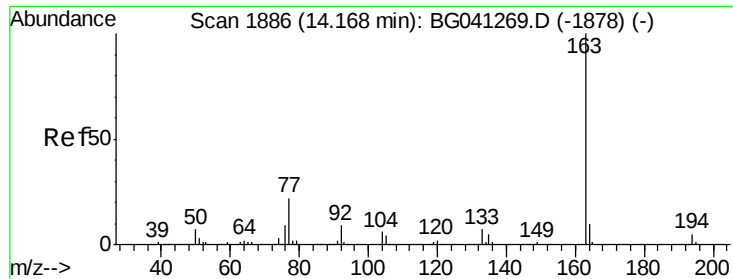
Abundance

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

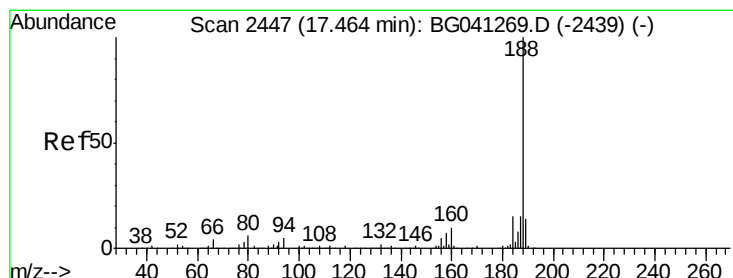
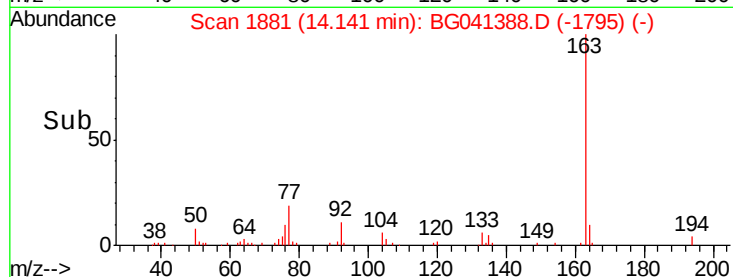
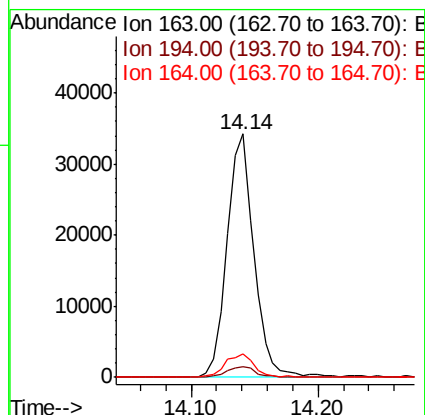
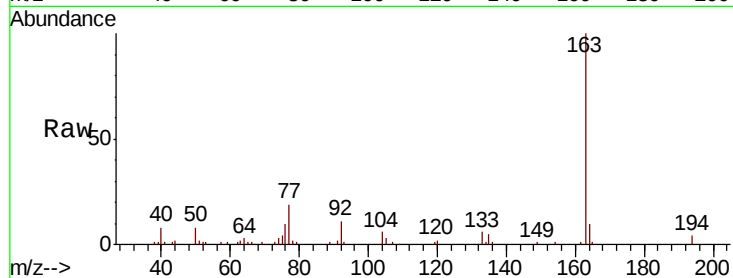




#50
Dimethylphthalate
Concen: 5.724 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.03 min
Lab File: BG041388.D
Acq: 21 Jun 2019 22:29

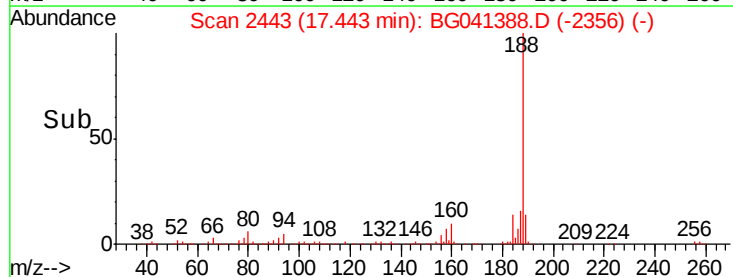
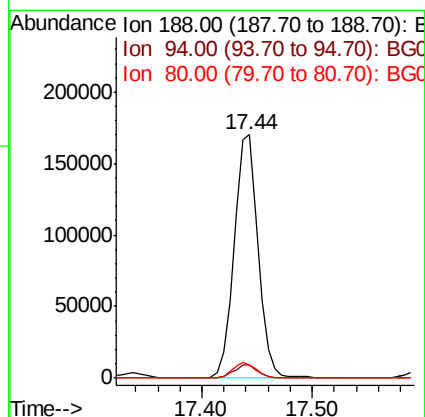
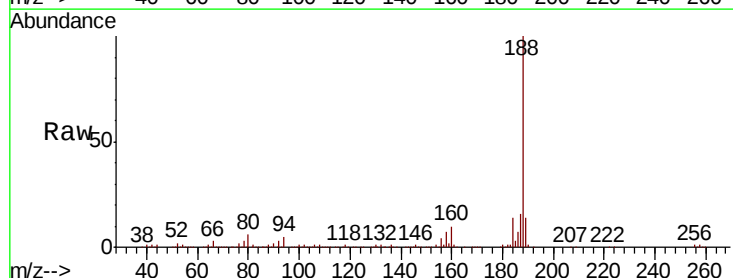
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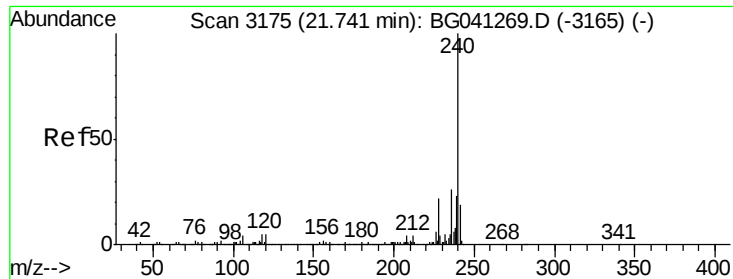
Tot Ion:163 Resp: 50187
Ion Ratio Lower Upper
163 100
194 4.2 3.9 5.9
164 9.6 8.3 12.5



#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:188 Resp: 258587
Ion Ratio Lower Upper
188 100
94 5.4 3.6 5.4
80 5.6 4.8 7.2





#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

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-MUD

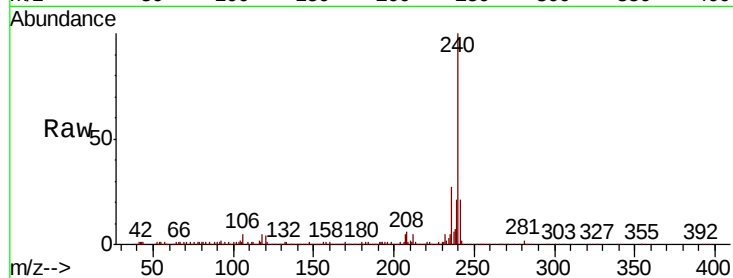
Tot Ion:240 Resp: 251405

Ion Ratio Lower Upper

240 100

120 4.3 3.7 5.5

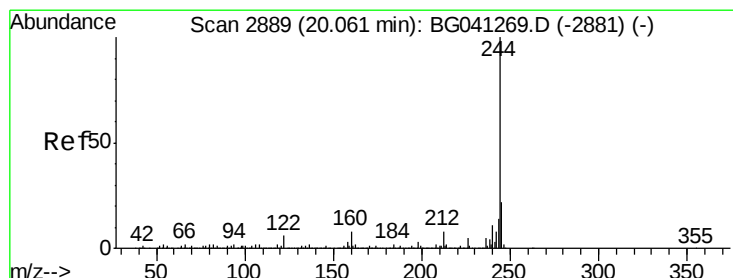
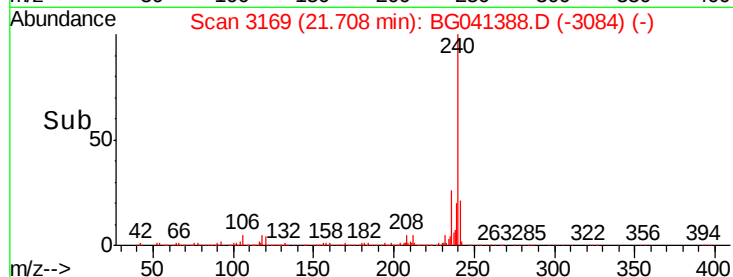
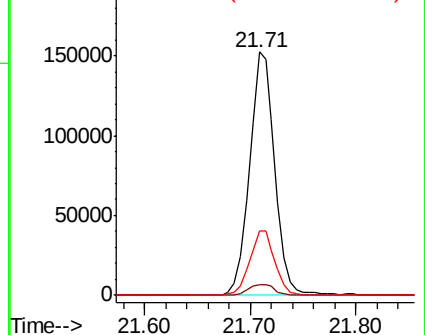
236 26.5 21.1 31.7



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

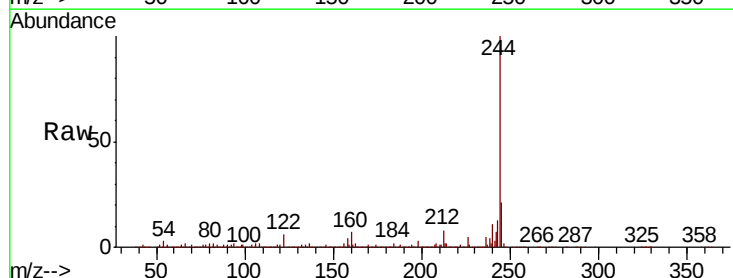
Tgt Ion:244 Resp: 860174

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

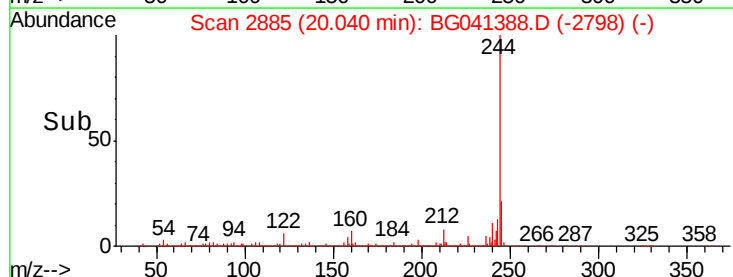
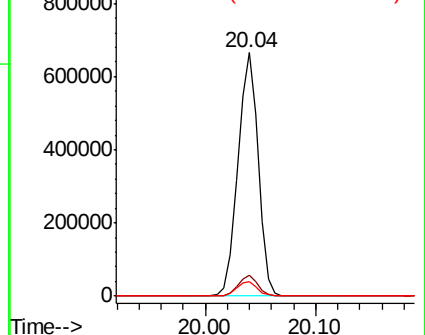
122 6.1 5.0 7.4

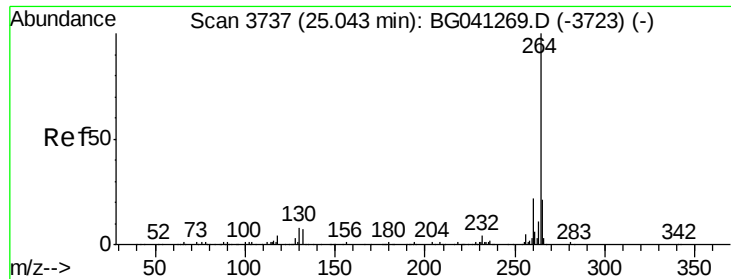


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-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

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.2
265	22.3	17.2	25.8

