

Data File : BG043991.D
Acq On : 9 Jan 2020 7:47
Operator : JU
Sample : L1048-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-F

Quant Time: Jan 10 02:02:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

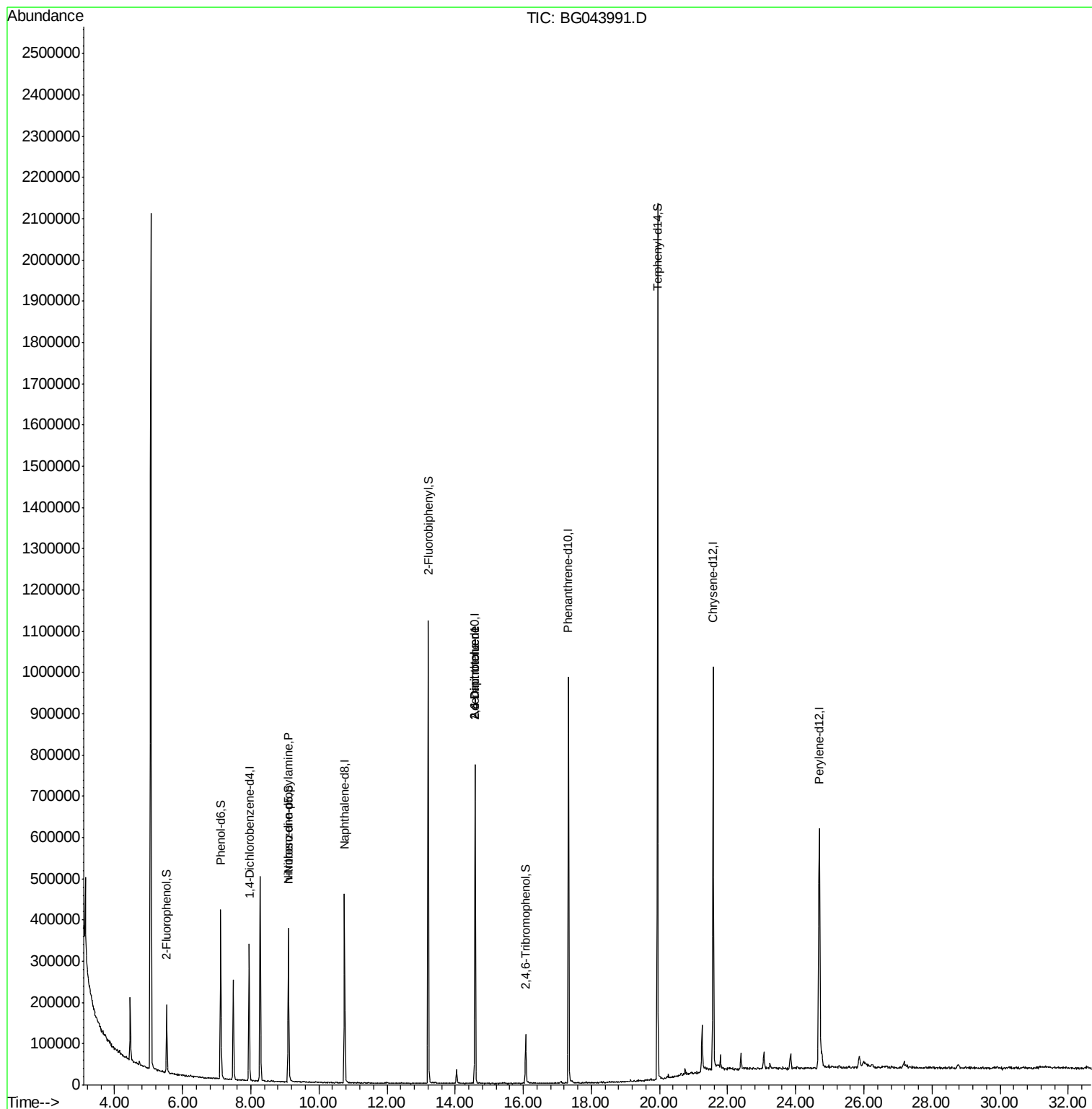
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	104056	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	420313	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	272412	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	618470	20.00	ng	0.00
76) Chrysene-d12	21.57	240	555951	20.00	ng	-0.02
87) Perylene-d12	24.69	264	612477	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	82587	14.57	ng	0.00
7) Phenol-d6	7.11	99	265587	33.53	ng	0.00
23) Nitrobenzene-d5	9.11	82	239464	30.48	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	24771	8.69	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	600098	39.91	ng	-0.02
79) Terphenyl-d14	19.94	244	1011145	35.51	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	30085	5.100	ng	# 79
51) 2,6-Dinitrotoluene	14.58	165	35553	8.132	ng	# 27
57) 2,4-Dinitrotoluene	14.58	165	35553	5.977	ng	# 27

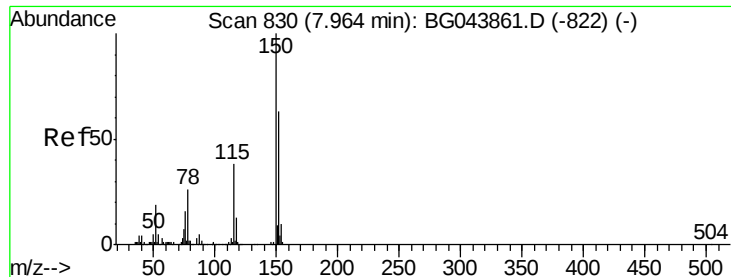
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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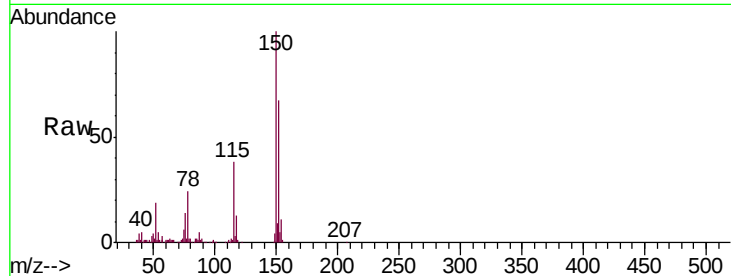


#1

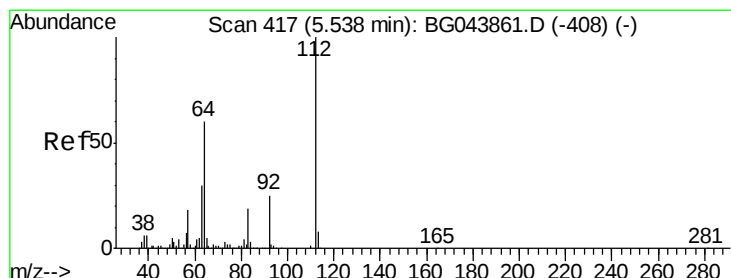
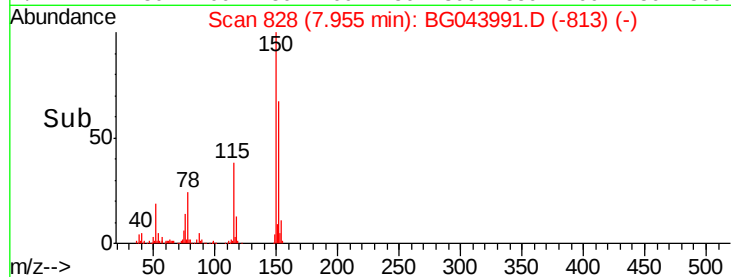
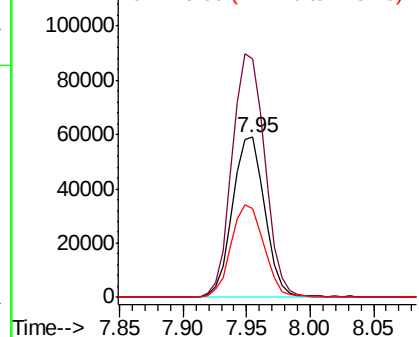
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043991.D
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Instrument :
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ClientSampleId :
FRONT-PIER-F

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.7	127.0	190.4
115	55.8	47.8	71.8



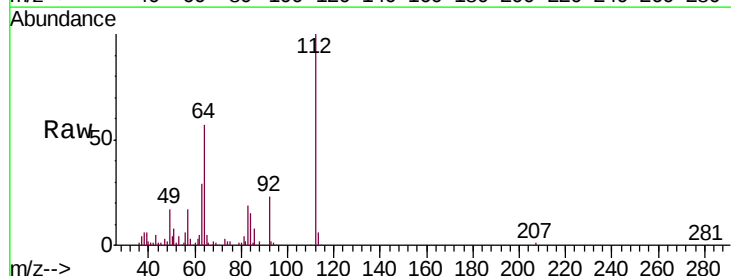
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



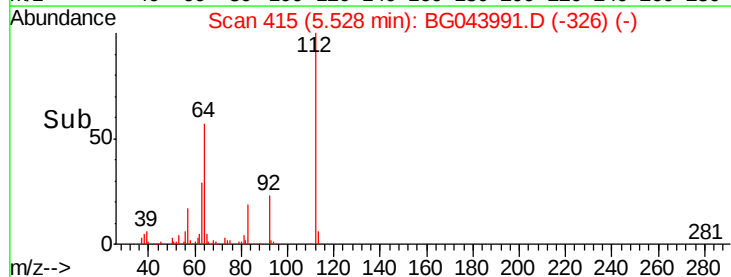
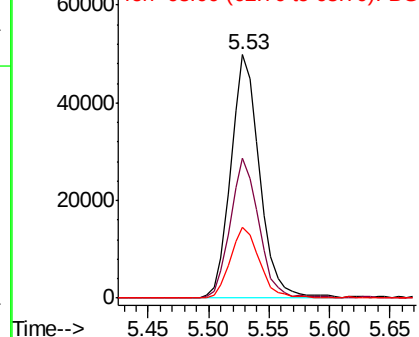
#5

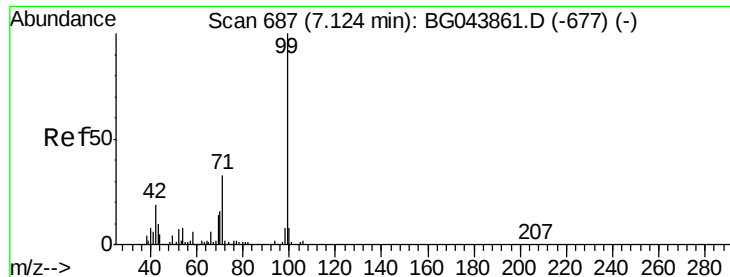
2-Fluorophenol
Concen: 14.573 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG043991.D
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.8	71.6
63	29.1	24.3	36.5



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: 33.527 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG043991.D

Acq: 9 Jan 2020 7:47

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-F

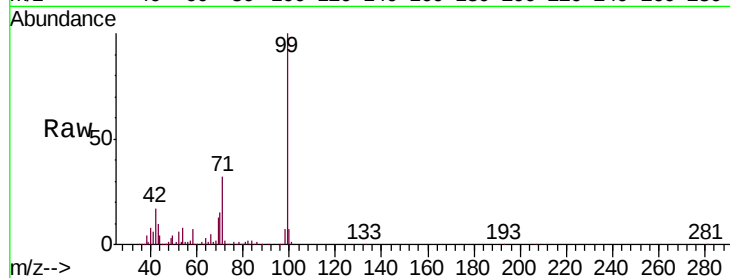
Tgt Ion: 99 Resp: 265587

Ion Ratio Lower Upper

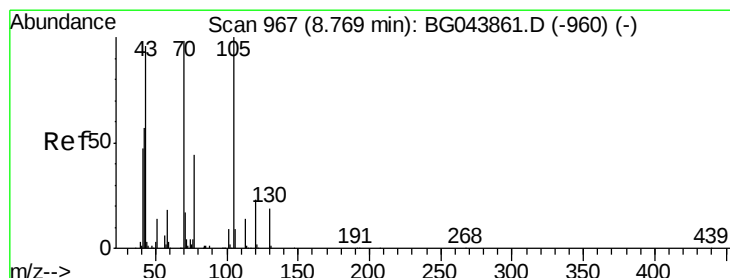
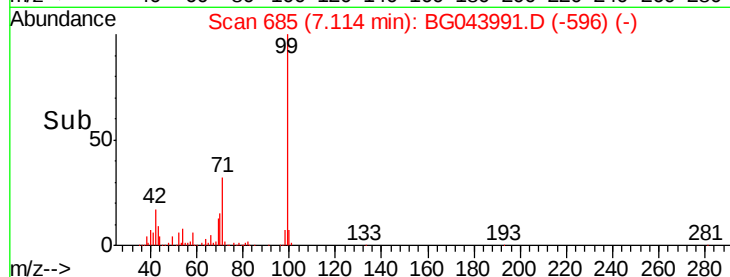
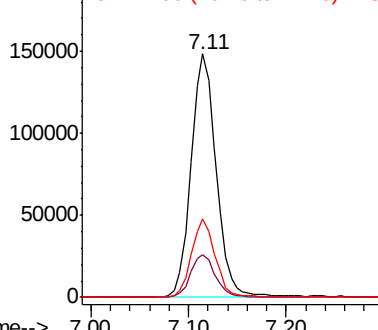
99 100

42 17.4 14.9 22.3

71 32.3 26.4 39.6



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: 5.100 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.34 min

Lab File: BG043991.D

Acq: 9 Jan 2020 7:47

Tgt Ion: 70 Resp: 30085

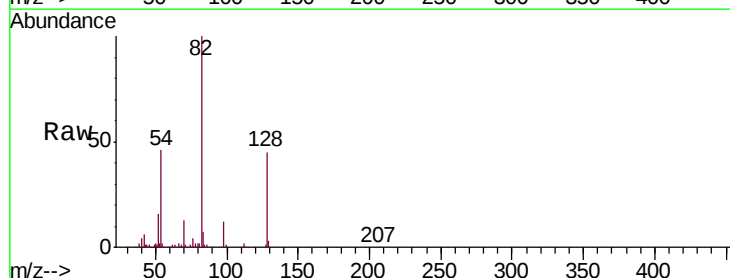
Ion Ratio Lower Upper

70 100

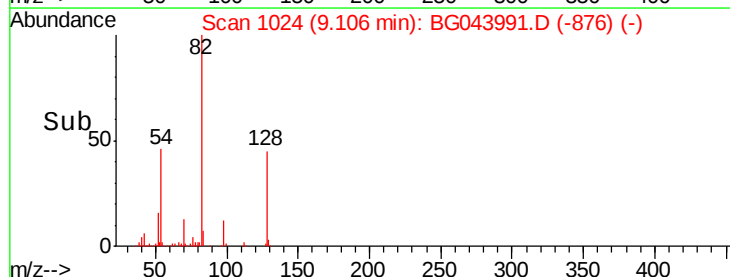
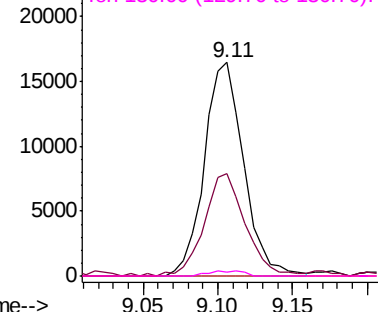
42 48.1 47.0 70.4

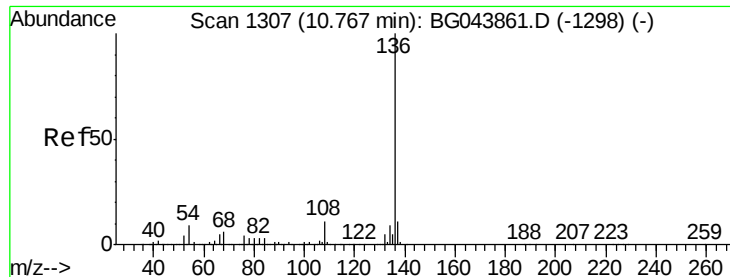
101 0.0 7.2 10.8#

130 2.1 15.6 23.4#



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

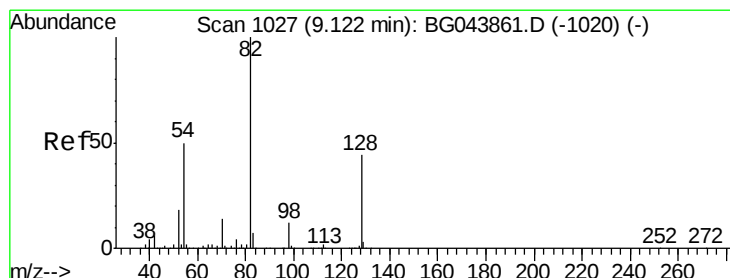
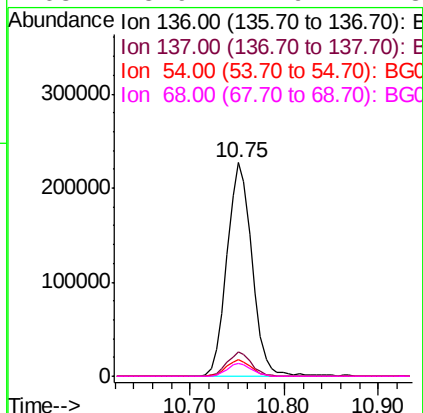
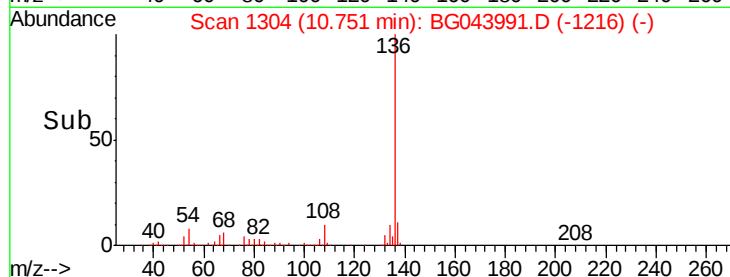
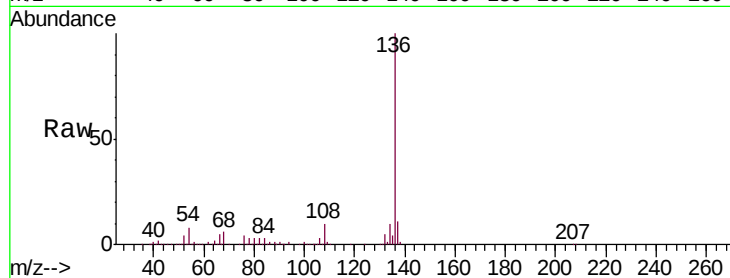




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG043991.D
Acq: 9 Jan 2020 7:47

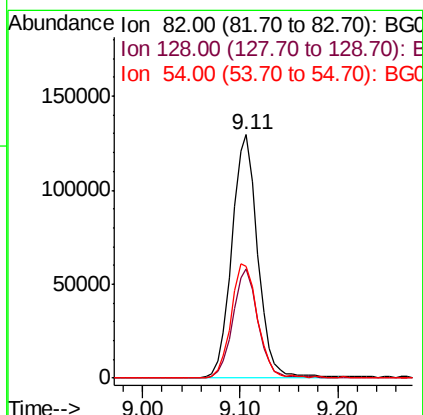
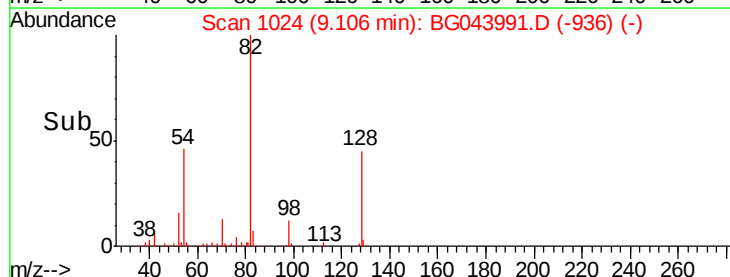
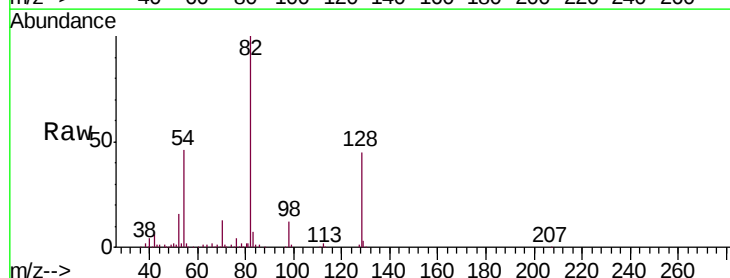
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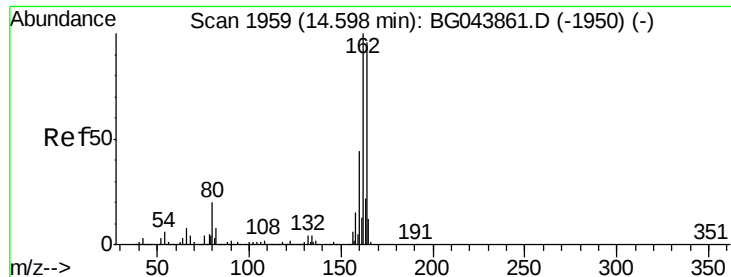
Tgt Ion:	136	Resp:	420313
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.8	7.0	10.4
68	5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 30.478 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG043991.D
Acq: 9 Jan 2020 7:47

Tgt Ion:	82	Resp:	239464
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	46.1	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG043991.D

Acq: 9 Jan 2020 7:47

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-F

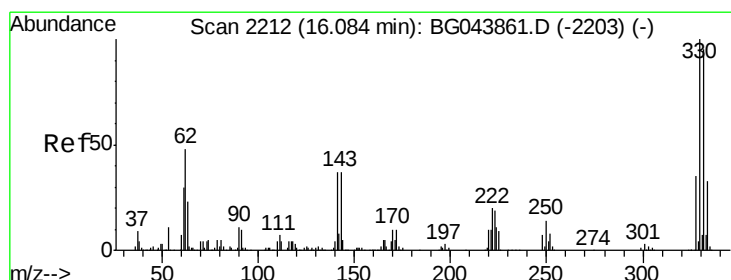
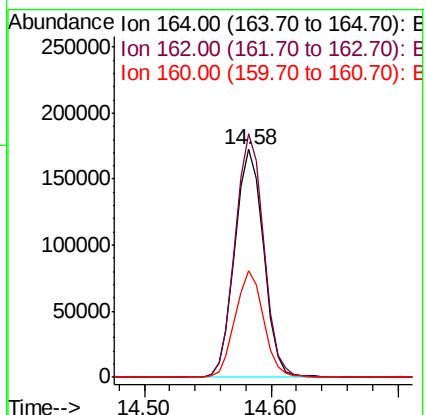
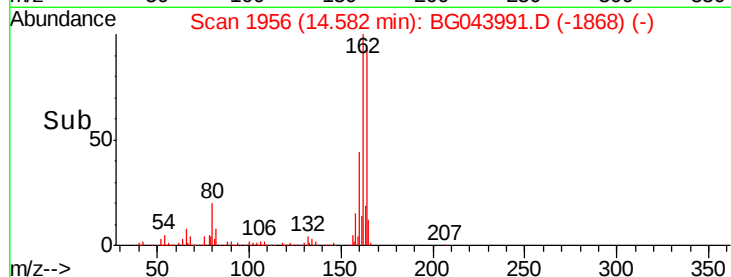
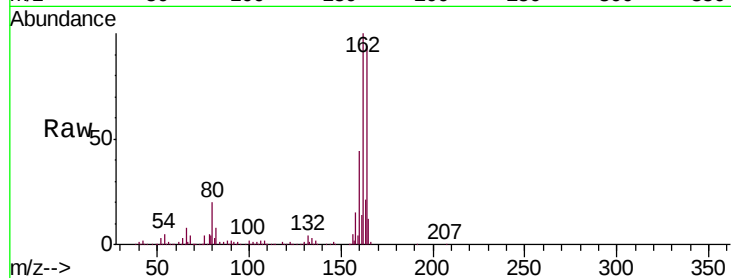
Tgt Ion:164 Resp: 272412

Ion Ratio Lower Upper

164 100

162 106.8 83.0 124.4

160 46.7 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 8.689 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG043991.D

Acq: 9 Jan 2020 7:47

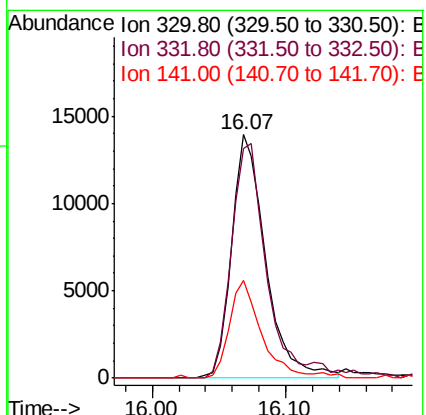
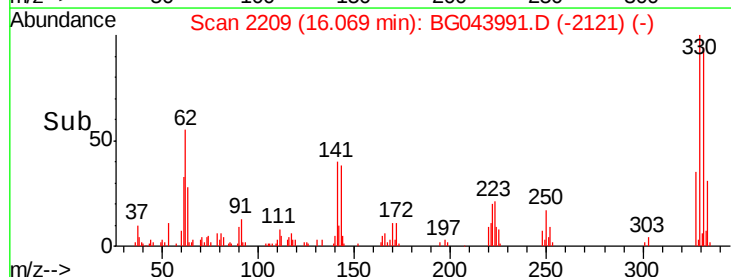
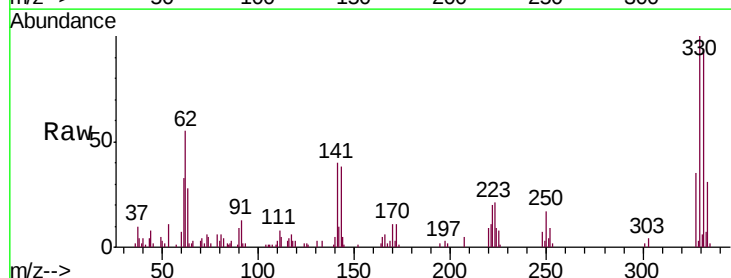
Tgt Ion:330 Resp: 24771

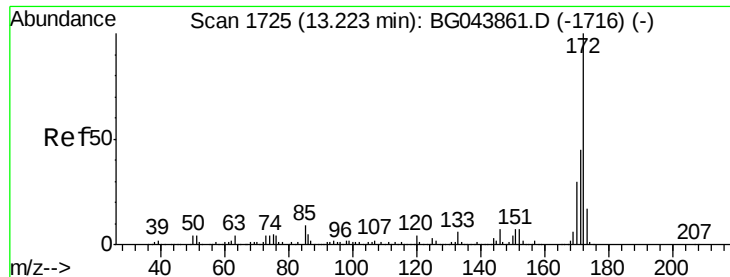
Ion Ratio Lower Upper

330 100

332 102.4 77.2 115.8

141 38.7 33.1 49.7

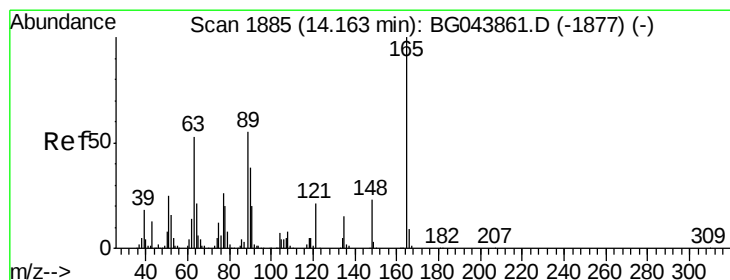
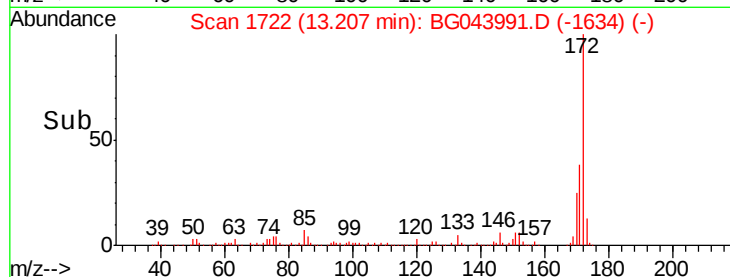
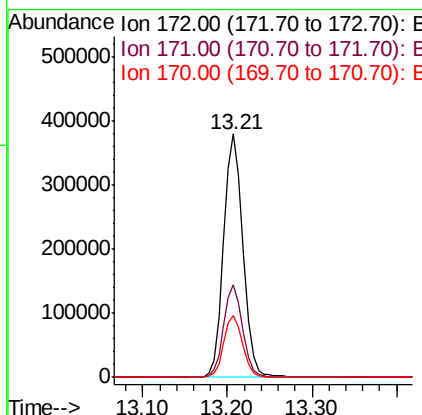
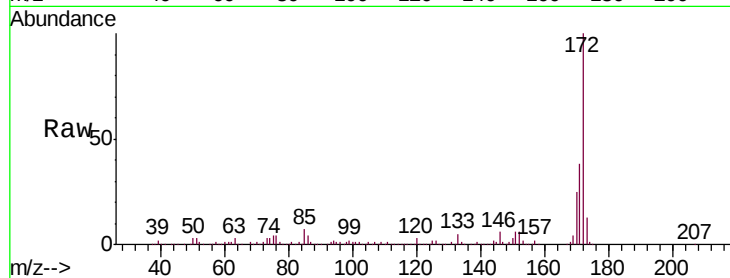




#45
 2-Fluorobiphenyl
 Concen: 39.912 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG043991.D
 Acq: 9 Jan 2020 7:47

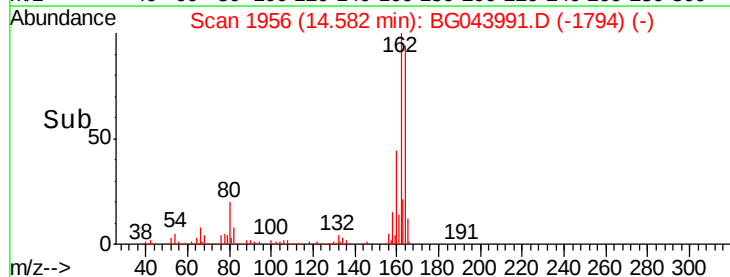
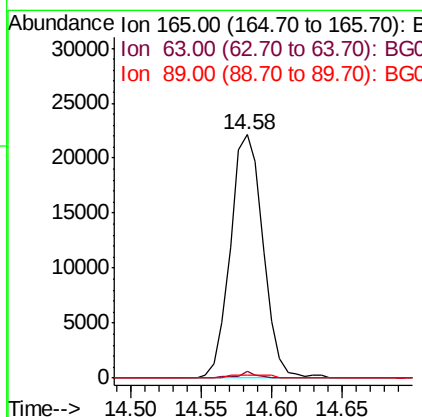
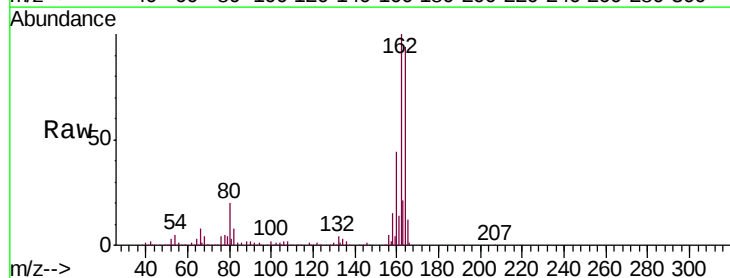
Instrument :
 BNA_G
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 FRONT-PIER-F

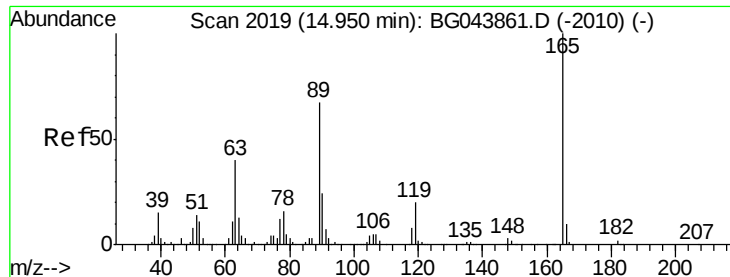
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	35.8	53.8
170	25.4	24.2	36.4



#51
 2,6-Dinitrotoluene
 Concen: 8.132 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. 0.42 min
 Lab File: BG043991.D
 Acq: 9 Jan 2020 7:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	43.1	64.7#
89	1.2	43.8	65.6#

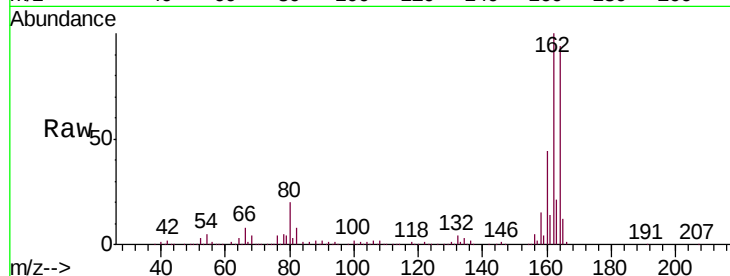




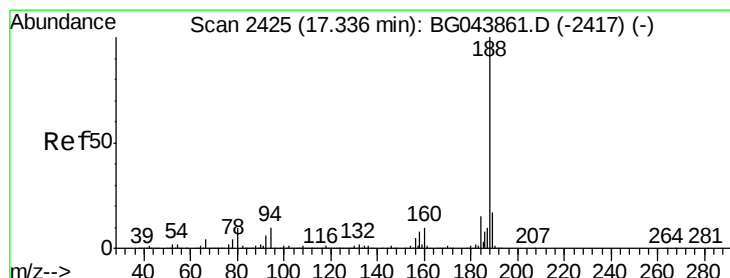
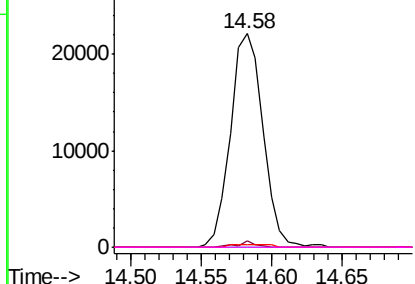
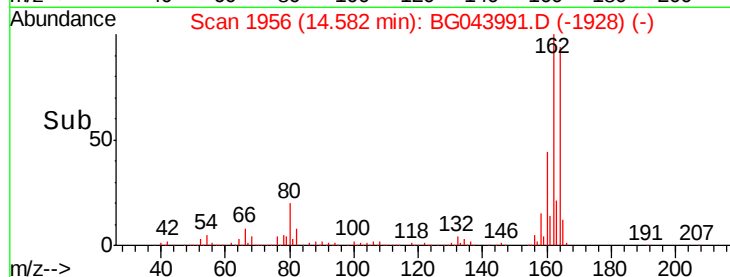
#57
 2,4-Dinitrotoluene
 Concen: 5.977 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.37 min
 Lab File: BG043991.D
 Acq: 9 Jan 2020 7:47

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-F

Tgt Ion:	165	Resp:	35553
Ion	Ratio	Lower	Upper
165	100		
63	2.8	31.9	47.9#
89	1.2	53.8	80.6#
182	0.0	2.0	3.0#

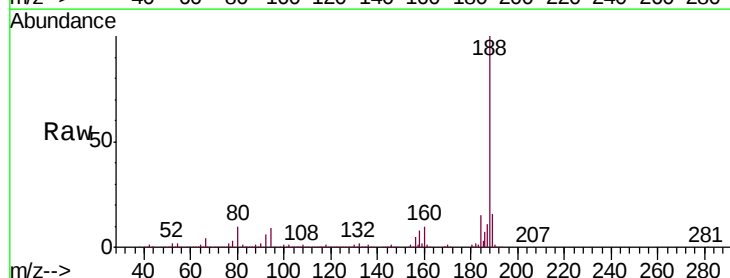


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

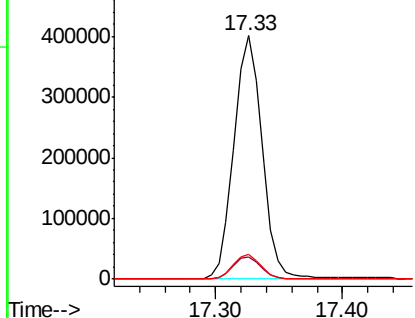
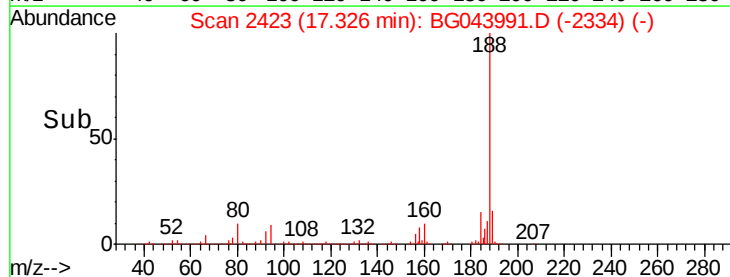


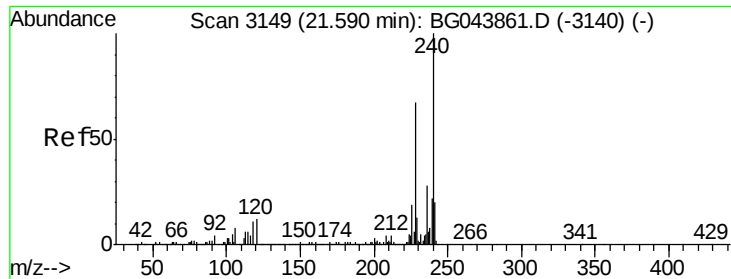
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.33 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG043991.D
 Acq: 9 Jan 2020 7:47

Tgt Ion:	188	Resp:	618470
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.0	8.2	12.4



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

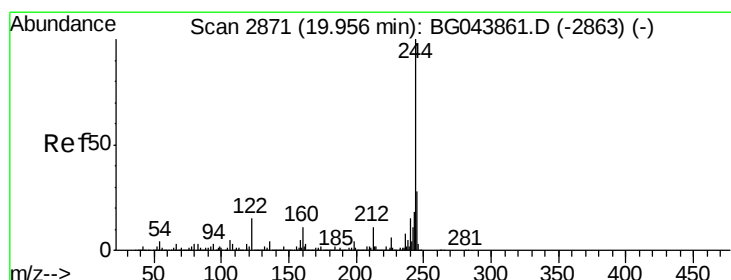
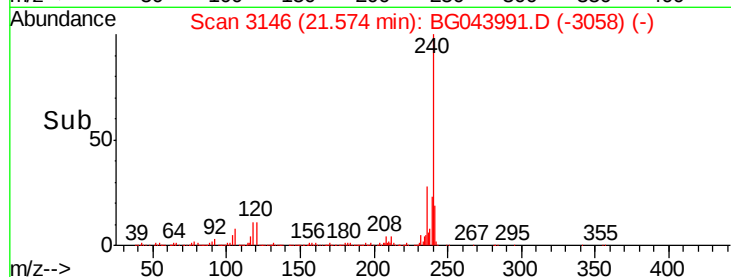
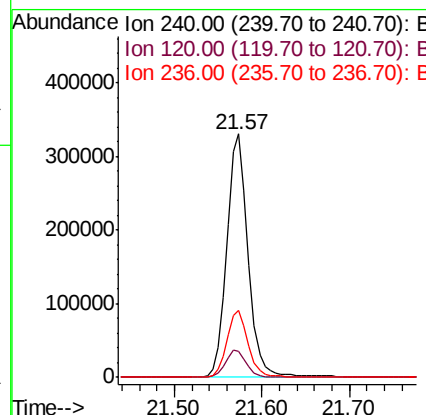
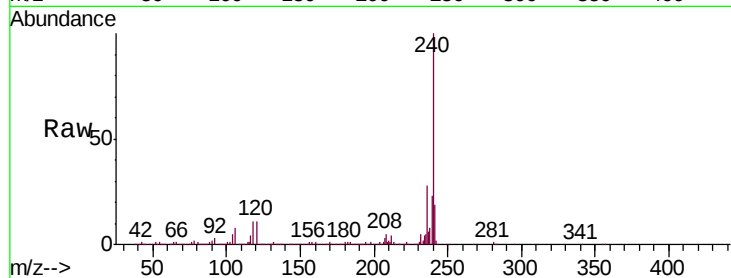




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG043991.D
 Acq: 9 Jan 2020 7:47

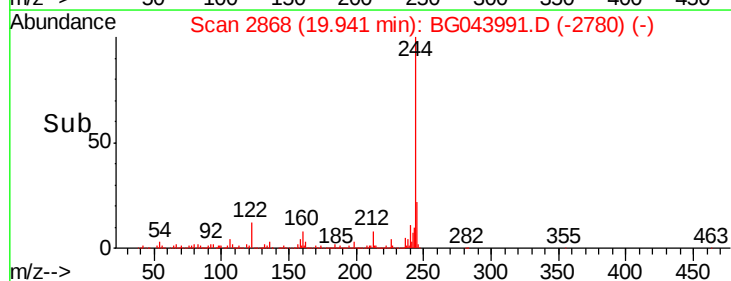
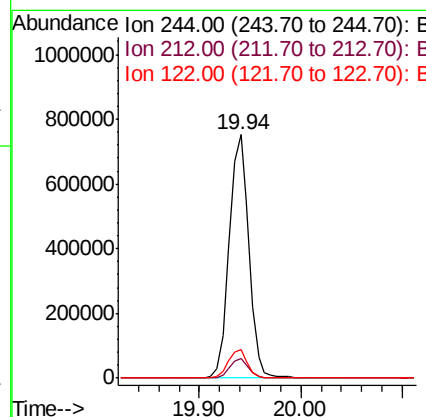
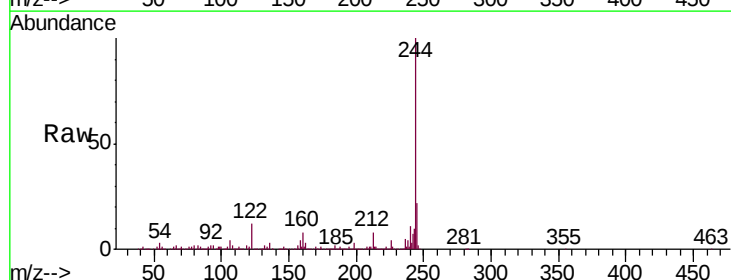
Instrument :
 BNA_G
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 FRONT-PIER-F

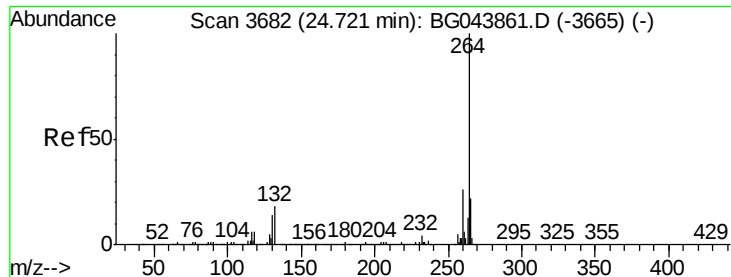
Tgt Ion:240 Resp: 555951
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.6 14.4
 236 27.5 22.2 33.2



#79
 Terphenyl-d14
 Concen: 35.514 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG043991.D
 Acq: 9 Jan 2020 7:47

Tgt Ion:244 Resp: 1011145
 Ion Ratio Lower Upper
 244 100
 212 8.0 8.6 13.0#
 122 11.6 11.9 17.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG043991.D
Acq: 9 Jan 2020 7:47

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-F

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.8	17.4	26.2

