

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046487.D
 Acq On : 1 Sep 2020 16:37
 Operator : CG/JU
 Sample : L3848-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-BH-03-B

Quant Time: Sep 01 17:47:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

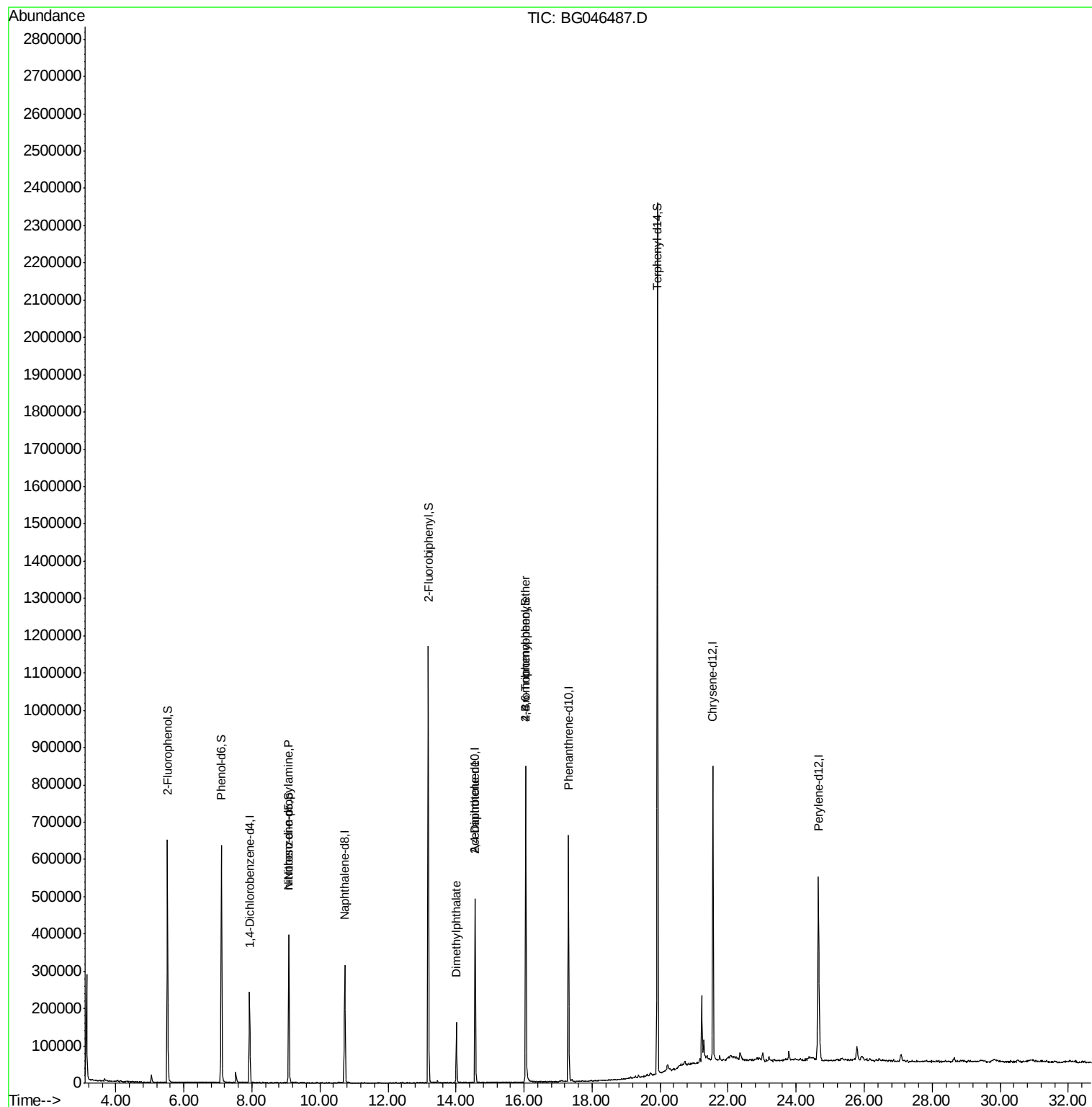
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75228	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	281503	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	179954	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	442225	20.00	ng	0.00
76) Chrysene-d12	21.55	240	489472	20.00	ng	0.00
86) Perylene-d12	24.65	264	512395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	315825	74.36	ng	0.00
7) Phenol-d6	7.10	99	402657	66.88	ng	0.00
23) Nitrobenzene-d5	9.08	82	261054	53.00	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	186611	76.53	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	659377	55.94	ng	0.00
79) Terphenyl-d14	19.92	244	1108025	48.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	33187	9.215	ng	# 75
50) Dimethylphthalate	14.01	163	125914	9.044	ng	# 99
57) 2,4-Dinitrotoluene	14.56	165	24261	5.544	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	13940	2.702	ng	# 1

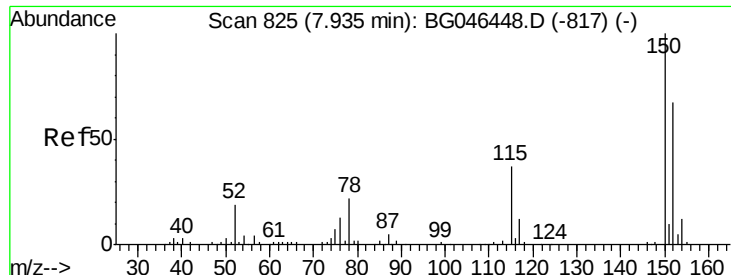
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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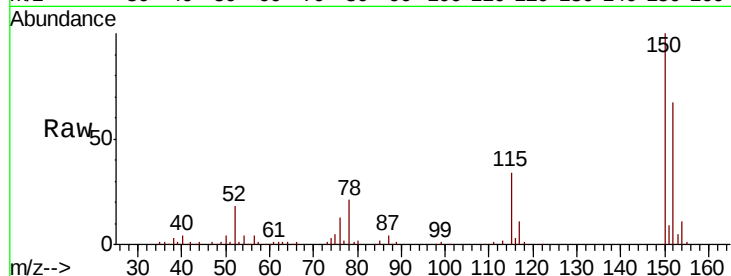


#1

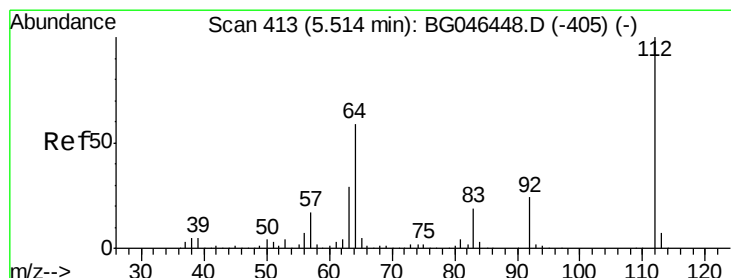
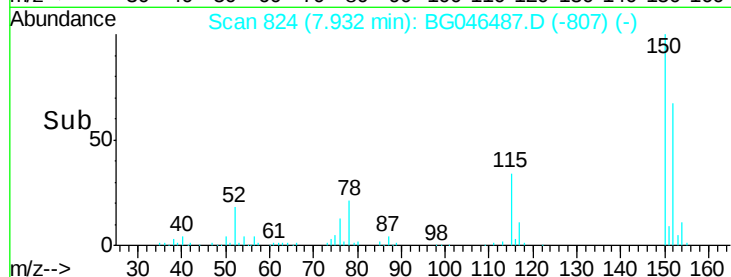
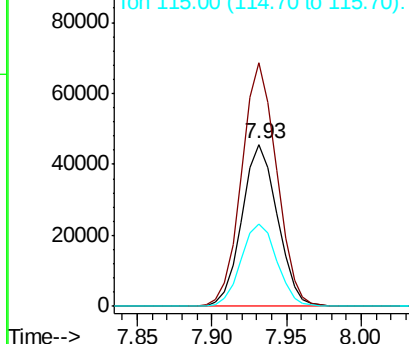
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046487.D
Acq: 1 Sep 2020 16:37

Instrument :
BNA_G
ClientSampleId :
LINDEN-BH-03-B

Tot Ion:152 Resp: 75228
Ion Ratio Lower Upper
152 100
150 150.2 119.5 179.3
115 50.9 44.3 66.5



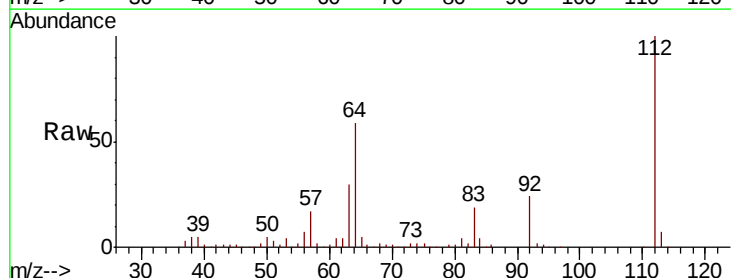
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



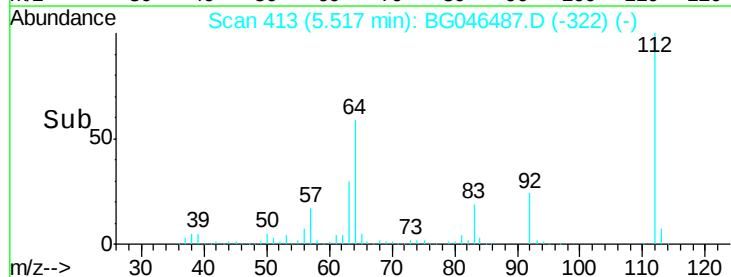
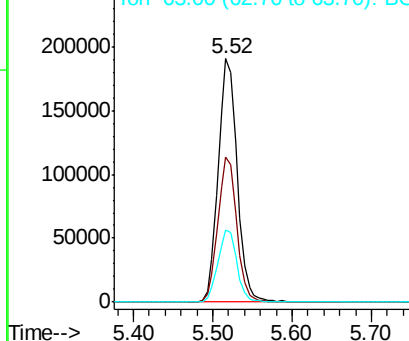
#5

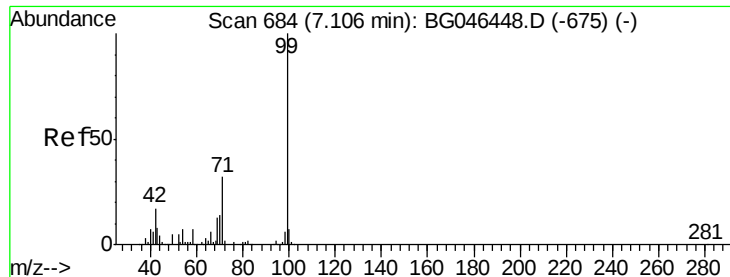
2-Fluorophenol
Concen: 74.359 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046487.D
Acq: 1 Sep 2020 16:37

Tgt Ion:112 Resp: 315825
Ion Ratio Lower Upper
112 100
64 59.4 47.0 70.6
63 29.9 23.5 35.3



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: 66.875 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046487.D

Acq: 1 Sep 2020 16:37

Instrument :

BNA_G

ClientSampleId :

LINDEN-BH-03-B

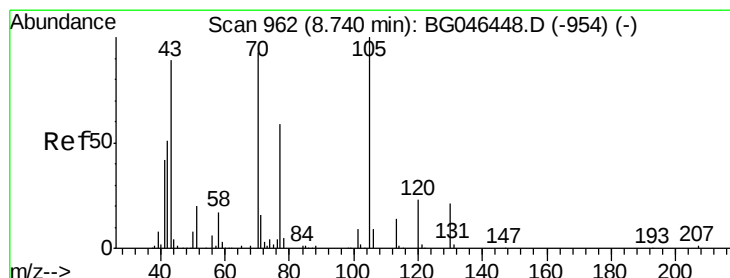
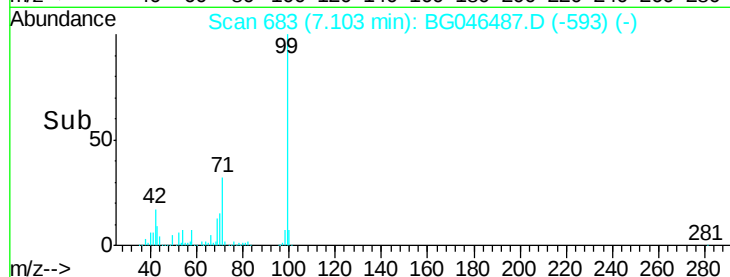
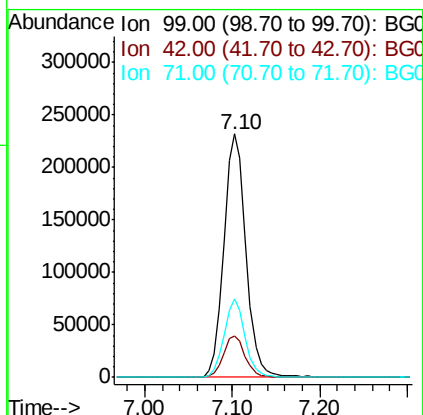
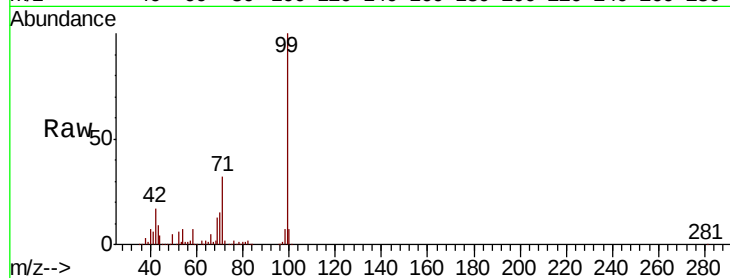
Tot Ion: 99 Resp: 402657

Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

71 32.0 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 9.215 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046487.D

Acq: 1 Sep 2020 16:37

Tgt Ion: 70 Resp: 33187

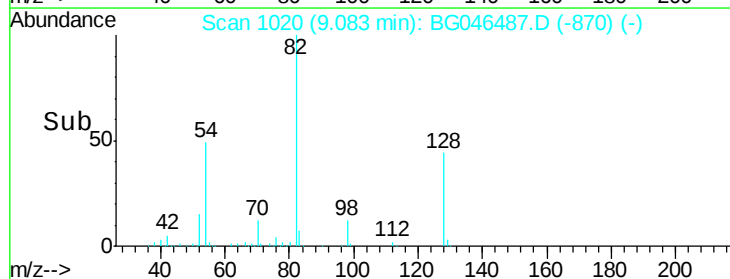
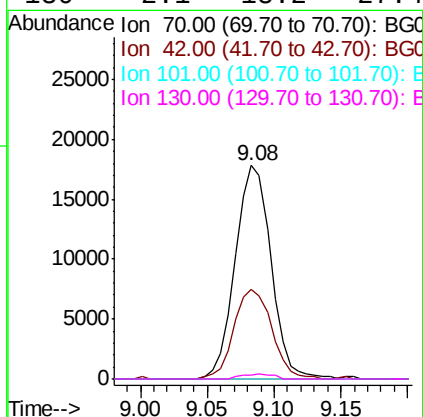
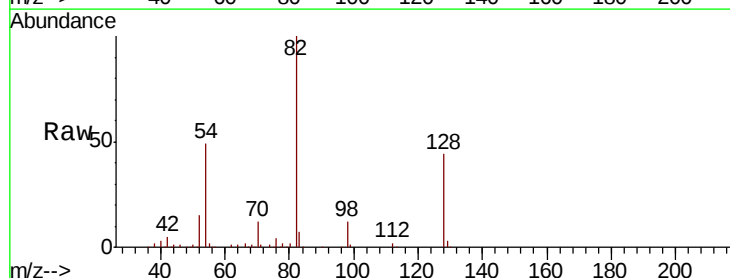
Ion Ratio Lower Upper

70 100

42 42.2 44.2 66.2#

101 0.0 7.8 11.8#

130 2.1 18.2 27.4#

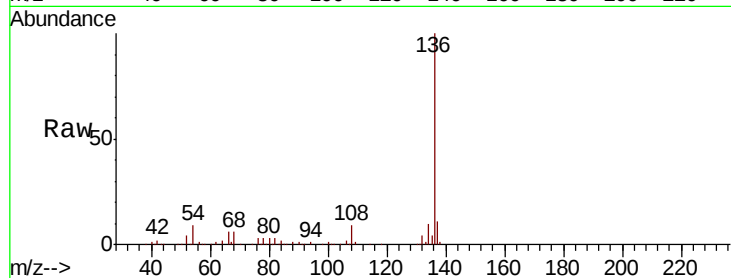




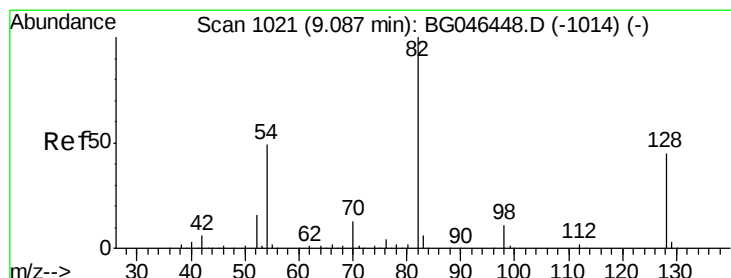
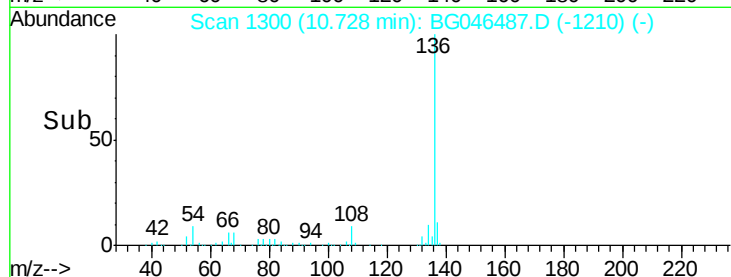
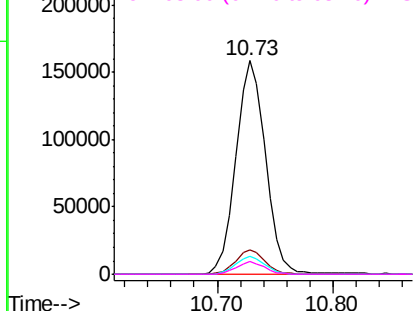
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046487.D
Acq: 1 Sep 2020 16:37

Instrument :
BNA_G
ClientSampleId :
LINDEN-BH-03-B

Tot Ion:136	Resp:	281503	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.8	13.2	
54 8.6	6.1	9.1	
68 5.8	4.8	7.2	

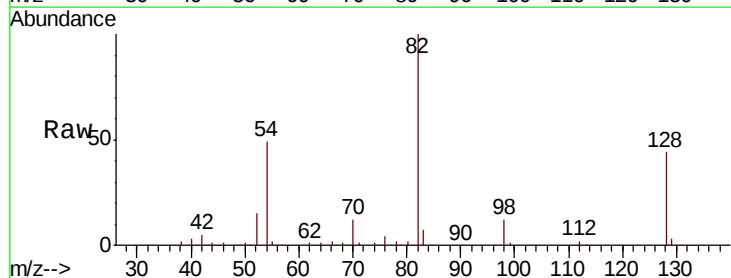


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

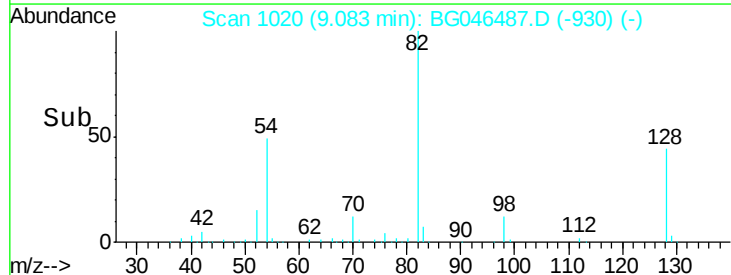
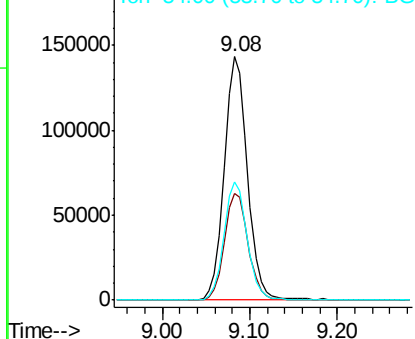


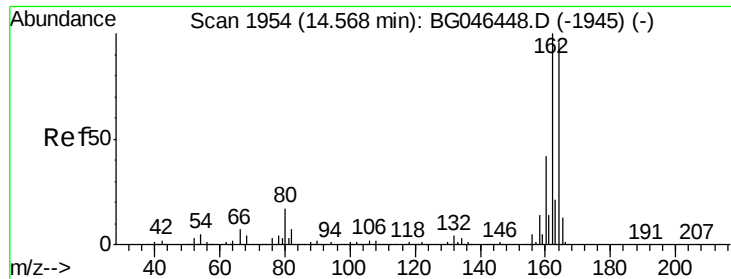
#23
Nitrobenzene-d5
Concen: 53.003 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046487.D
Acq: 1 Sep 2020 16:37

Tgt Ion: 82	Resp: 261054
Ion Ratio	Lower Upper
82 100	
128 44.0	35.7 53.5
54 48.7	39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046487.D

Acq: 1 Sep 2020 16:37

Instrument :

BNA_G

ClientSampleId :

LINDEN-BH-03-B

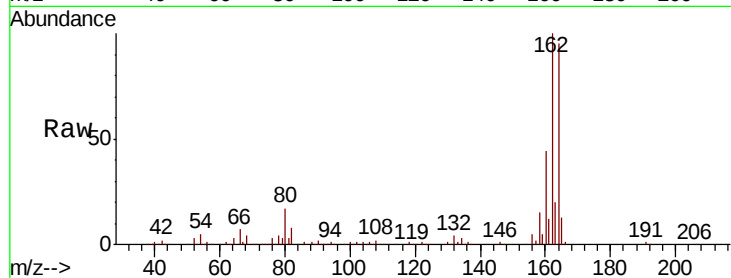
Tot Ion:164 Resp: 179954

Ion Ratio Lower Upper

164 100

162 105.7 83.3 124.9

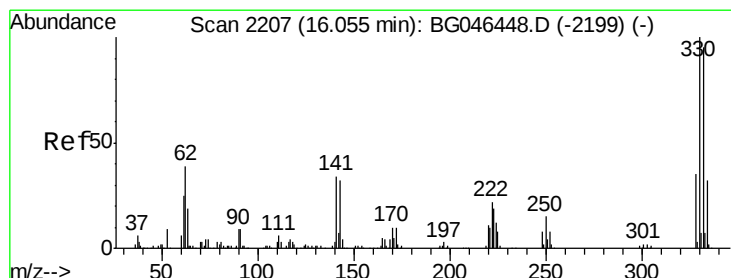
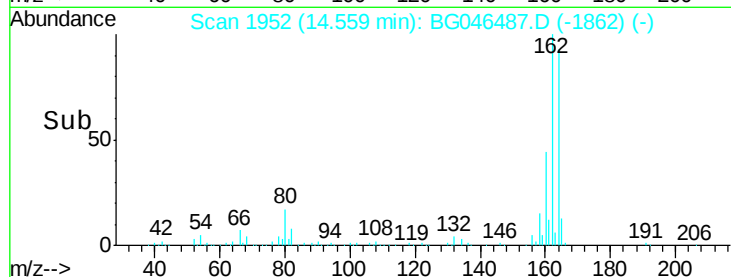
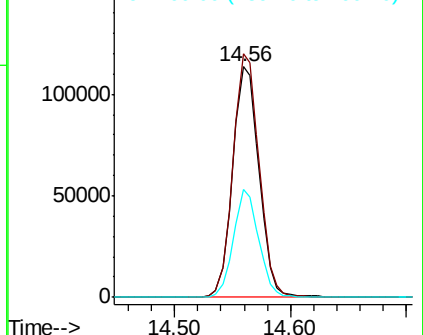
160 46.9 35.0 52.6



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: 76.535 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046487.D

Acq: 1 Sep 2020 16:37

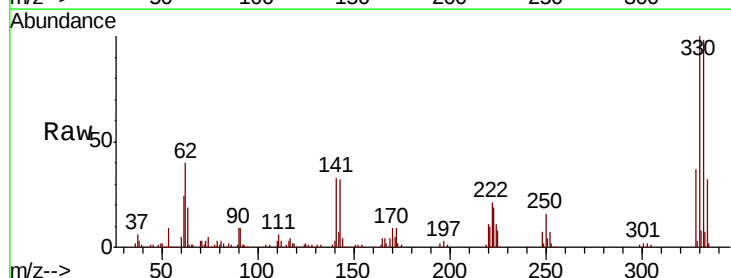
Tgt Ion:330 Resp: 186611

Ion Ratio Lower Upper

330 100

332 95.8 76.1 114.1

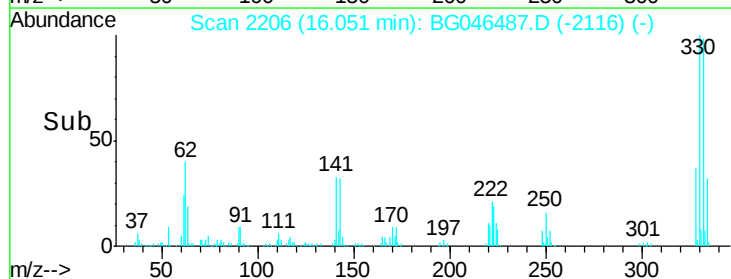
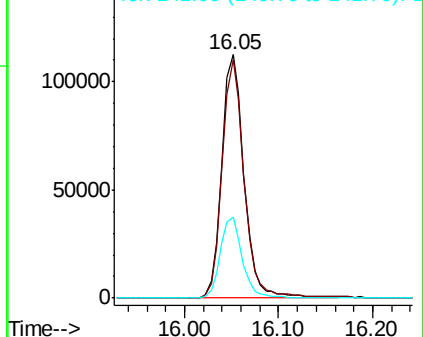
141 33.0 26.1 39.1

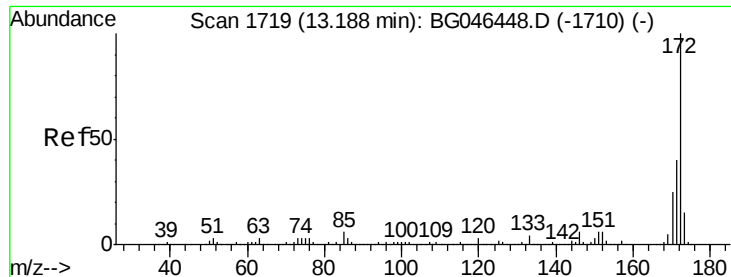


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

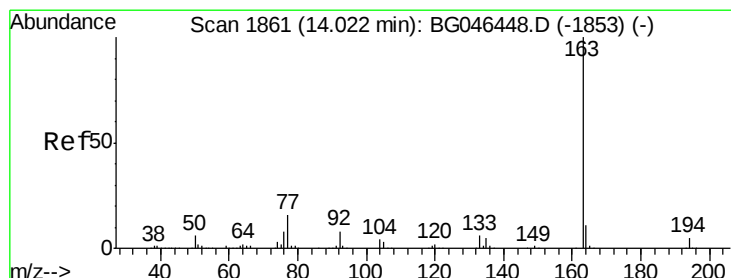
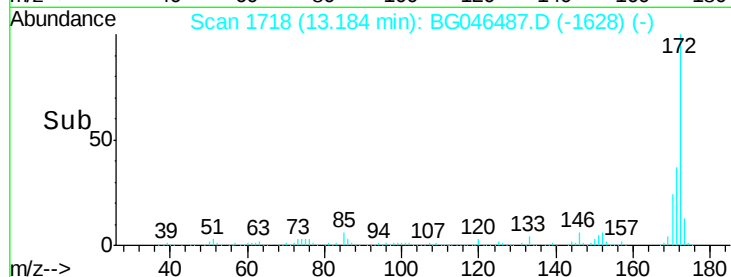
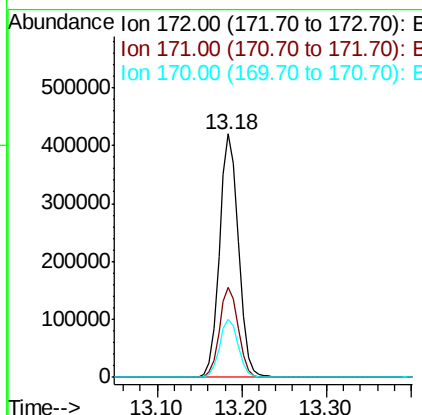
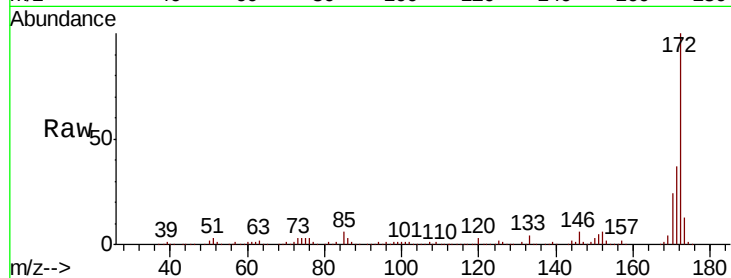




#45
2-Fluorobiphenyl
Concen: 55.935 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046487.D
Acq: 1 Sep 2020 16:37

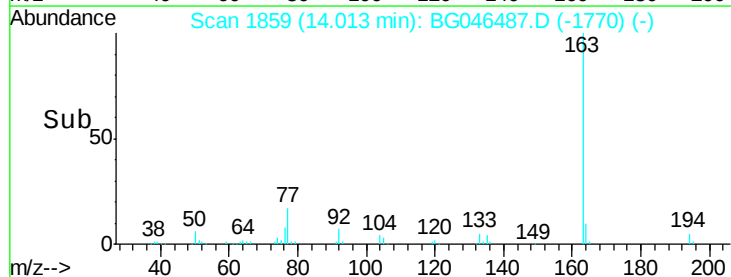
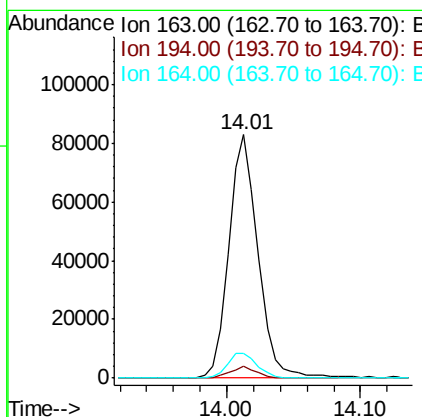
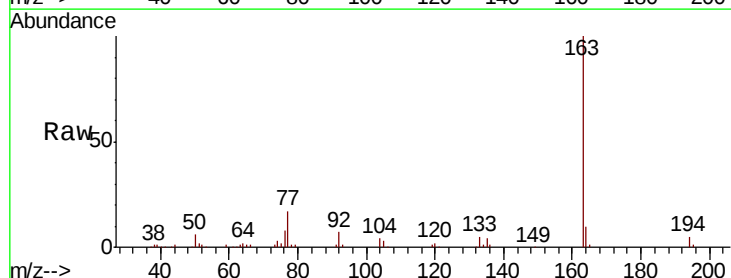
Instrument :
BNA_G
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LINDEN-BH-03-B

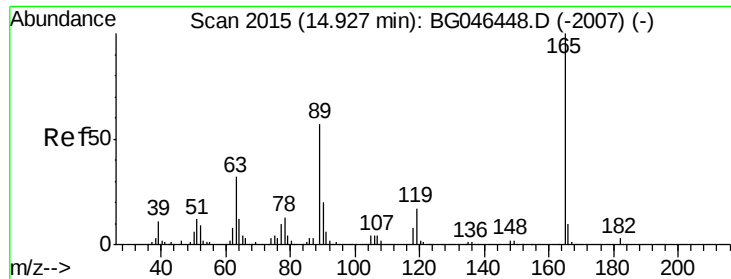
Tot Ion:172 Resp: 659377
Ion Ratio Lower Upper
172 100
171 36.9 31.8 47.6
170 24.0 20.3 30.5



#50
Dimethylphthalate
Concen: 9.044 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046487.D
Acq: 1 Sep 2020 16:37

Tgt Ion:163 Resp: 125914
Ion Ratio Lower Upper
163 100
194 5.0 3.7 5.5
164 10.2 8.6 12.8

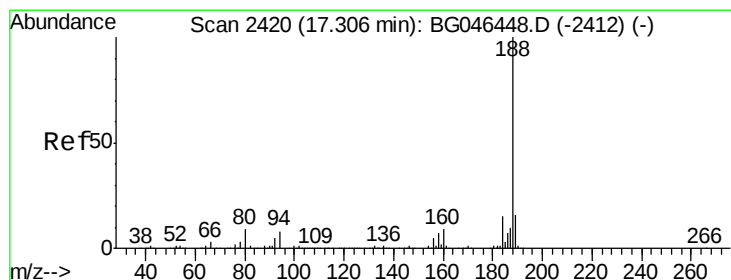
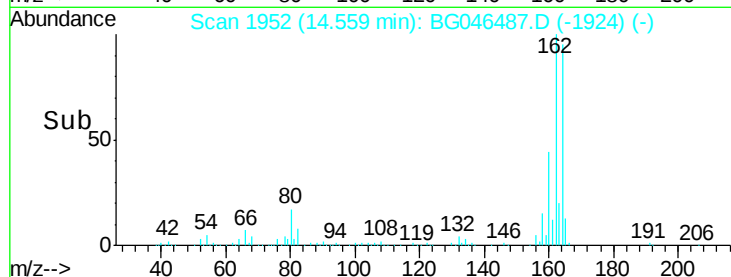
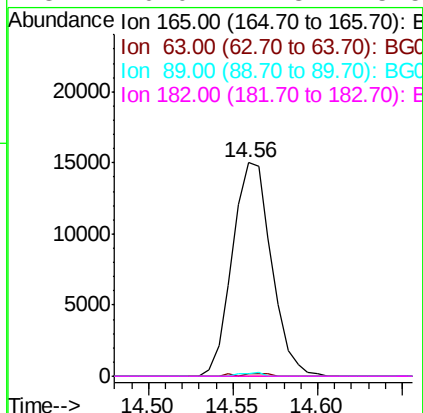
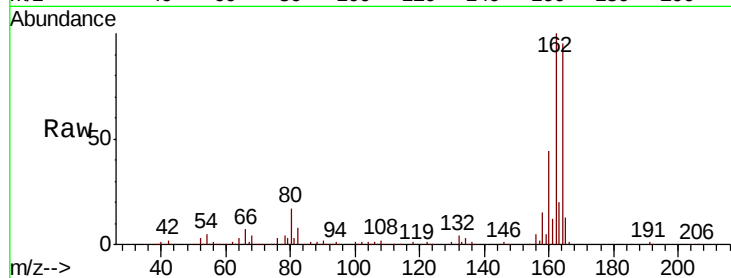




#57
 2,4-Dinitrotoluene
 Concen: 5.544 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046487.D
 Acq: 1 Sep 2020 16:37

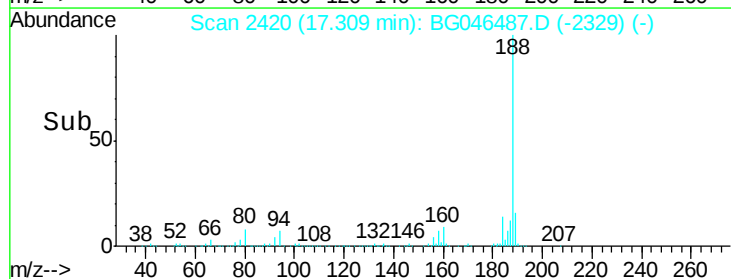
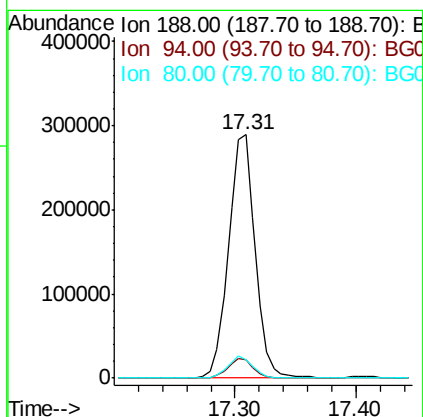
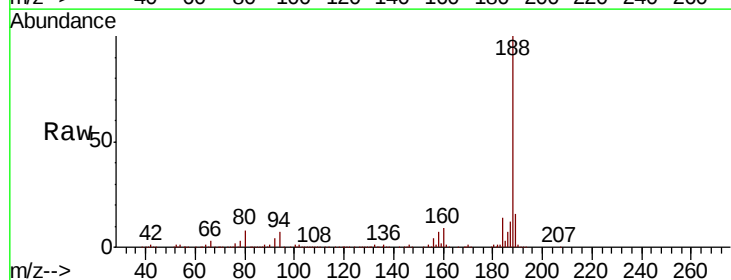
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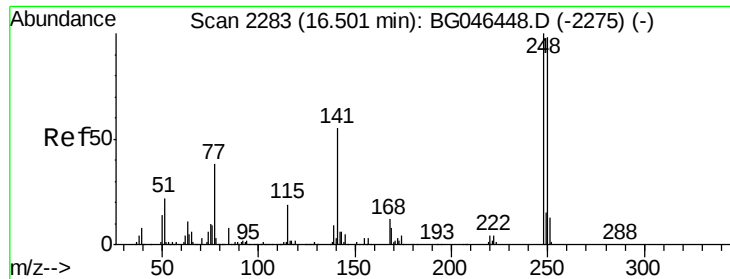
Tot Ion:165 Resp: 24261
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.2 45.9 68.9#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.31 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BG046487.D
 Acq: 1 Sep 2020 16:37

Tgt Ion:188 Resp: 442225
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.3 9.5
 80 7.7 6.9 10.3

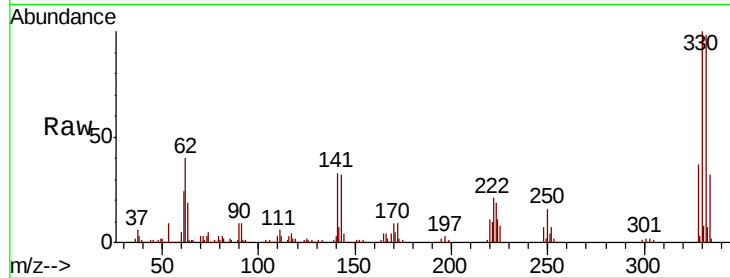




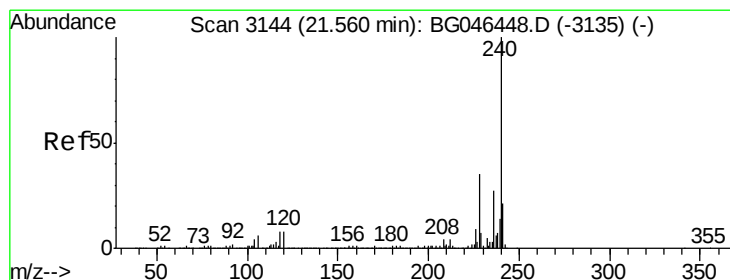
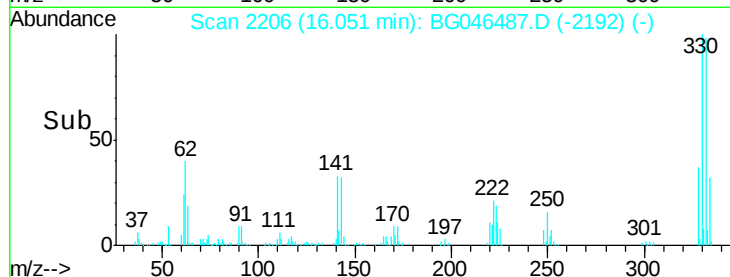
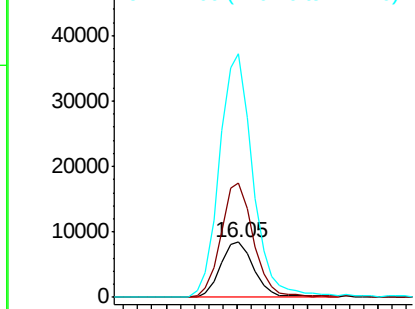
#67
 4-Bromophenyl-phenylether
 Concen: 2.702 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.45 min
 Lab File: BG046487.D
 Acq: 1 Sep 2020 16:37

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-BH-03-B

Tot Ion:248 Resp: 13940
 Ion Ratio Lower Upper
 248 100
 250 208.1 78.6 118.0#
 141 441.6 43.9 65.9#

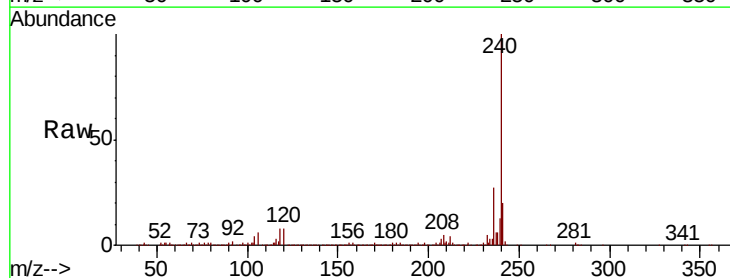


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

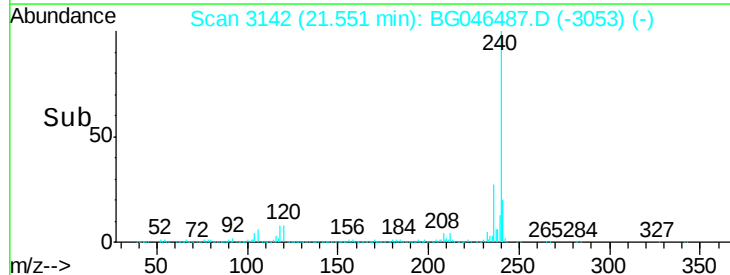
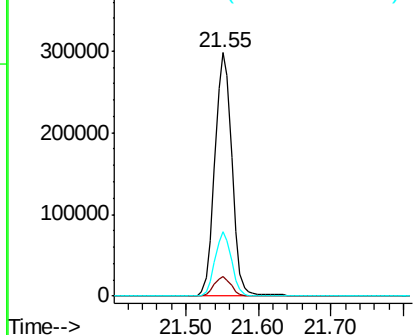


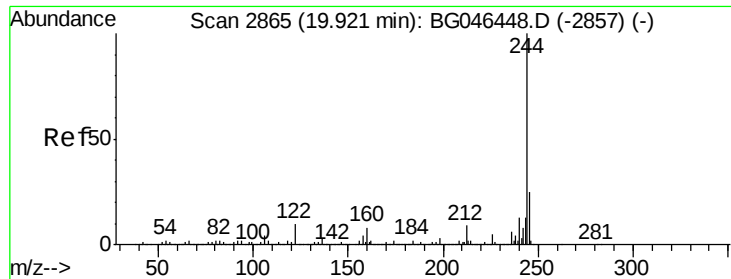
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG046487.D
 Acq: 1 Sep 2020 16:37

Tgt Ion:240 Resp: 489472
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.6 10.0
 236 26.6 21.4 32.2



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: 48.176 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046487.D

Acq: 1 Sep 2020 16:37

Instrument :

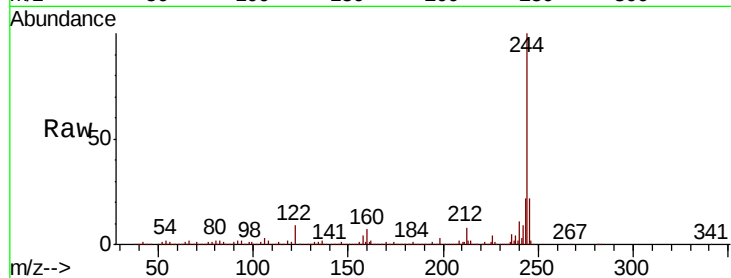
BNA_G

ClientSampleId :

LINDEN-BH-03-B

Tot Ion:244 Resp: 1108025

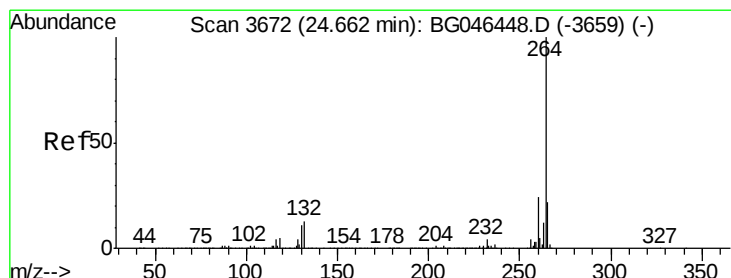
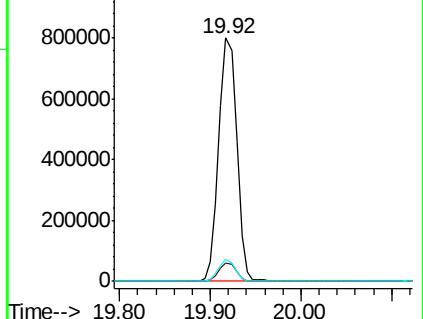
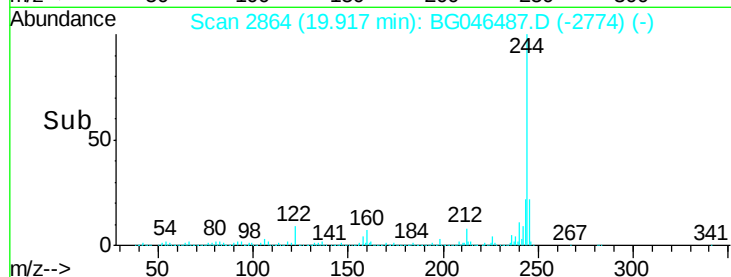
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	9.2	8.2	12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

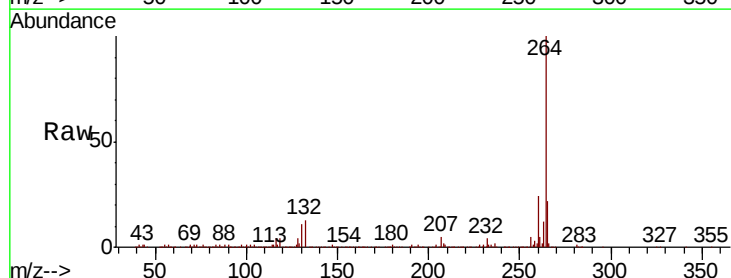
Delta R.T. -0.00 min

Lab File: BG046487.D

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Tgt Ion:264 Resp: 512395

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.9	26.9



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

