

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052820\
 Data File : BG045501.D
 Acq On : 28 May 2020 17:34
 Operator : CG/JU
 Sample : L2771-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFELD-2

Quant Time: May 28 18:09:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

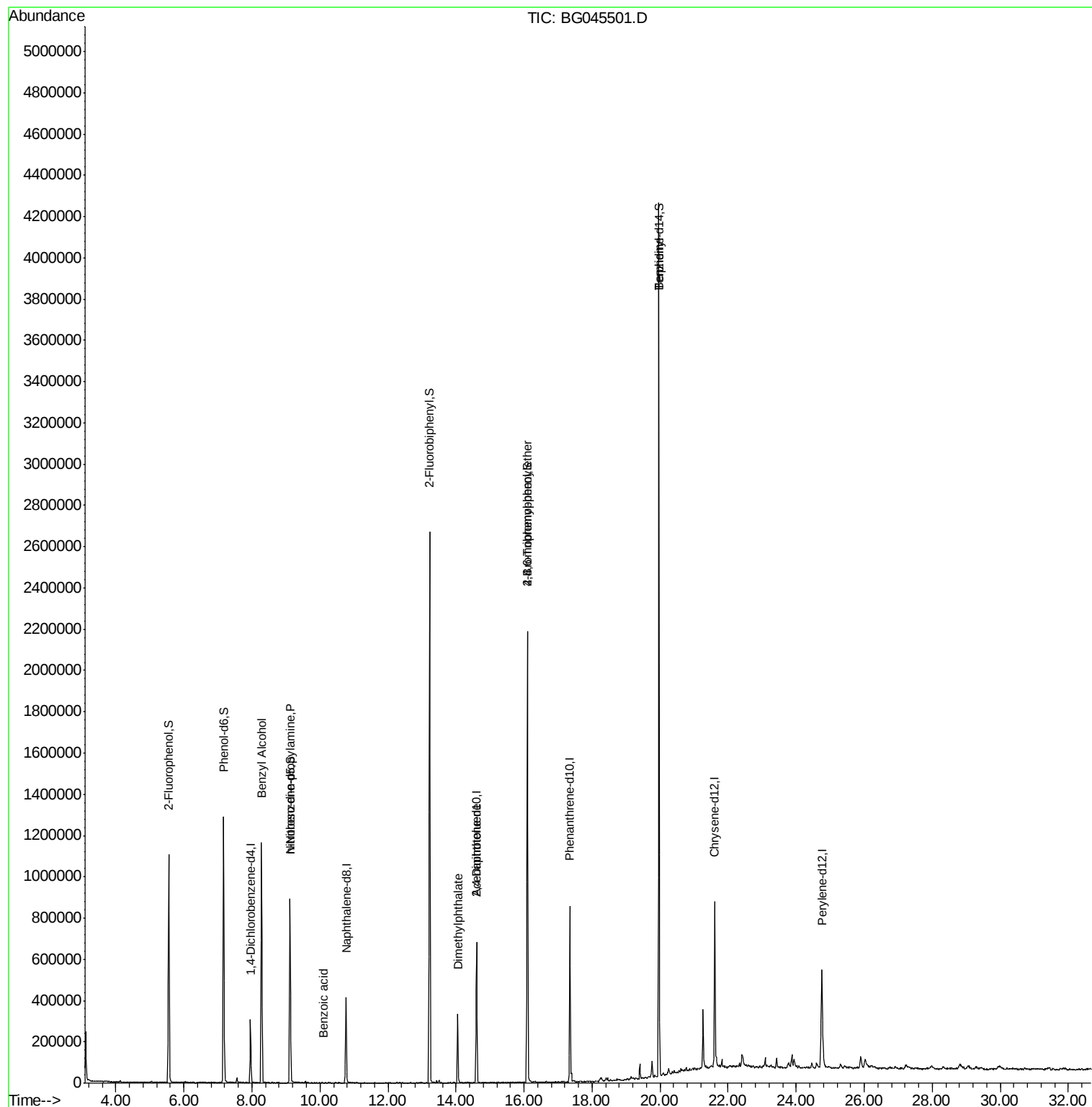
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	92915	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	378115	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	262226	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	562370	20.00	ng	0.00
76) Chrysene-d12	21.60	240	490807	20.00	ng	0.00
87) Perylene-d12	24.75	264	530628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	555638	116.87	ng	0.00
7) Phenol-d6	7.17	99	859711	127.05	ng	0.00
23) Nitrobenzene-d5	9.12	82	625694	90.24	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	450857	134.44	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1442965	93.34	ng	0.00
79) Terphenyl-d14	19.97	244	1969915	93.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	11344	2.029	ng	# 62
19) n-Nitroso-di-n-propylamine	9.12	70	85296	18.228	ng	# 77
32) Benzoic acid	10.12	122	61	10.038	ng	# 1
50) Dimethylphthalate	14.05	163	225143	12.516	ng	97
57) 2,4-Dinitrotoluene	14.60	165	33781	5.746	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	30693	5.040	ng	# 1
77) Benzidine	19.97	184	37150	2.695	ng	# 91

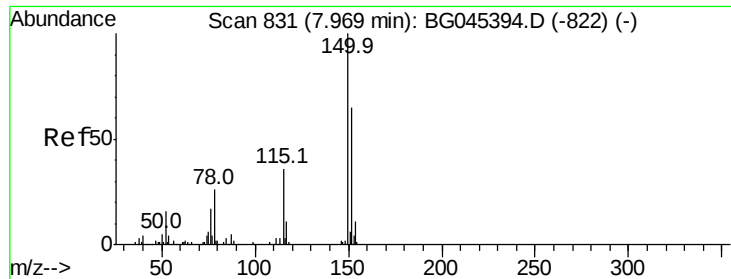
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 28 13:15:42 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG045501.D

Acq: 28 May 2020 17:34

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2

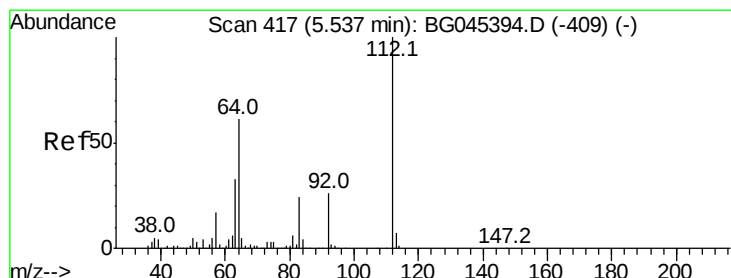
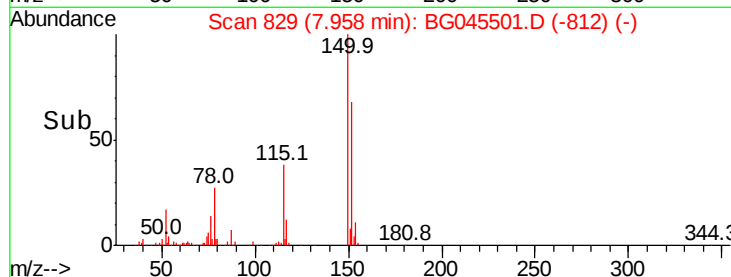
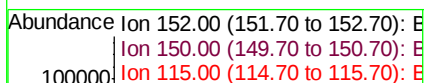
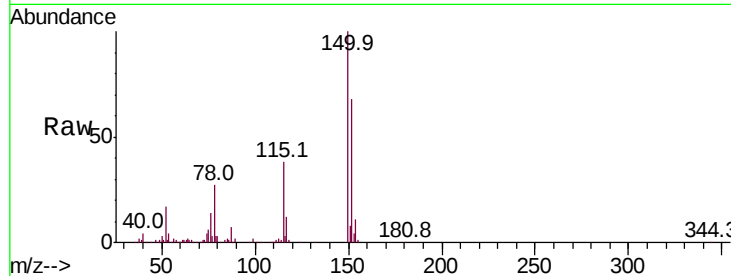
Tot Ion:152 Resp: 92915

Ion Ratio Lower Upper

152 100

150 147.7 122.4 183.6

115 56.6 44.2 66.4



#5

2-Fluorophenol

Concen: 116.868 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.01 min

Lab File: BG045501.D

Acq: 28 May 2020 17:34

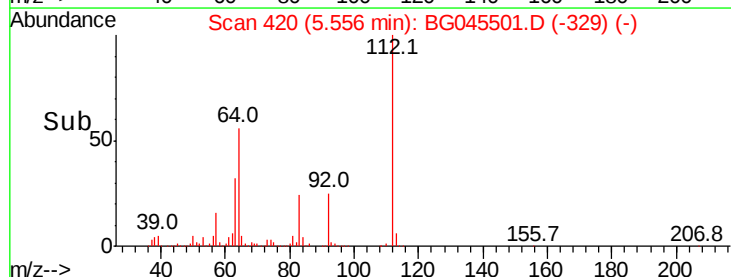
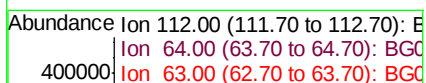
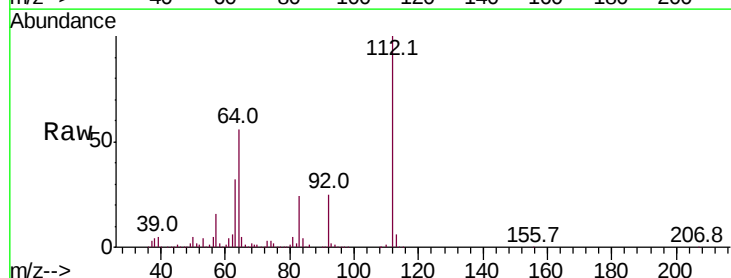
Tgt Ion:112 Resp: 555638

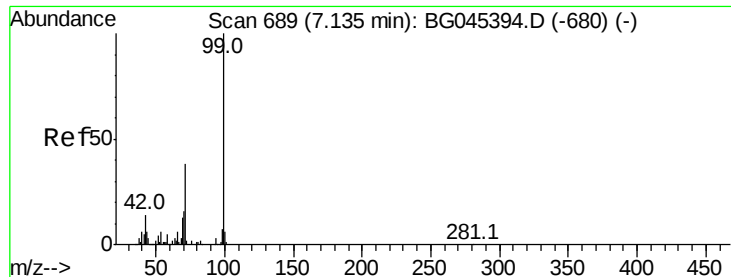
Ion Ratio Lower Upper

112 100

64 55.6 48.6 72.8

63 32.1 26.5 39.7





#7

Phenol-d6

Concen: 127.046 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045501.D

Acq: 28 May 2020 17:34

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFELD-2

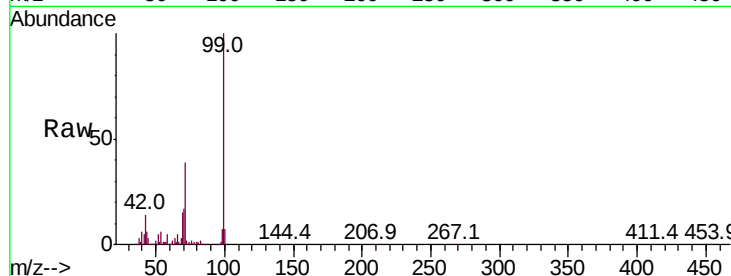
Tot Ion: 99 Resp: 859711

Ion Ratio Lower Upper

99 100

42 14.1 11.3 16.9

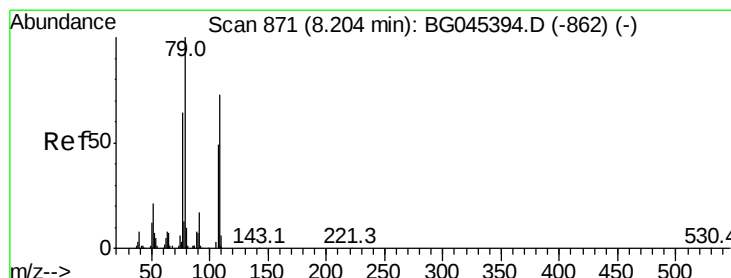
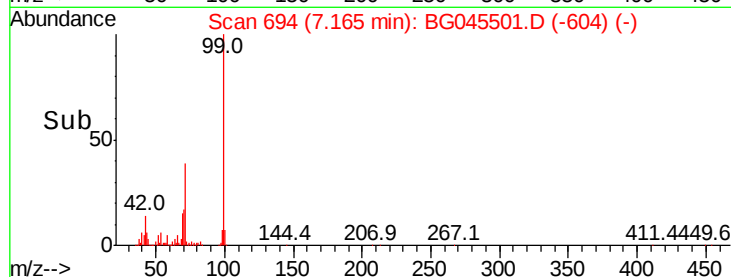
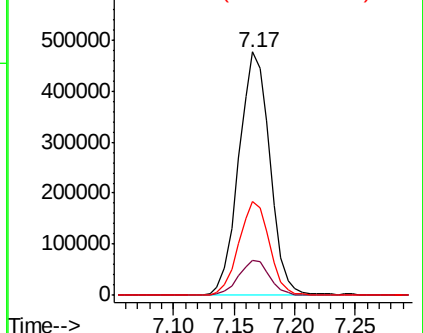
71 38.6 30.8 46.2



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



#15

Benzyl Alcohol

Concen: 2.029 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG045501.D

Acq: 28 May 2020 17:34

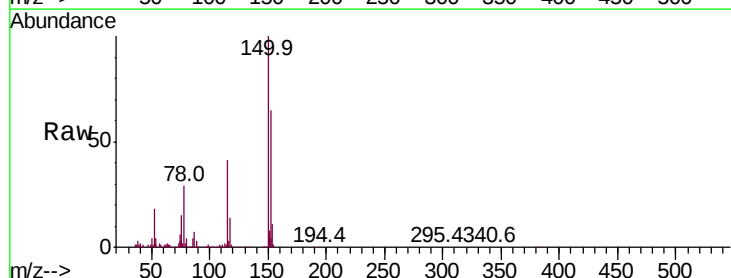
Tgt Ion: 79 Resp: 11344

Ion Ratio Lower Upper

79 100

108 31.8 58.2 87.4#

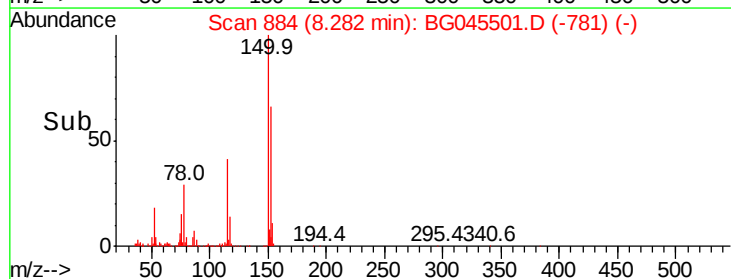
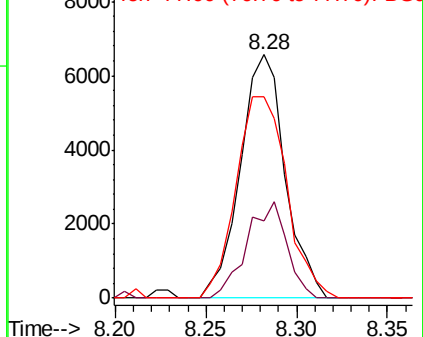
77 82.9 51.0 76.4#

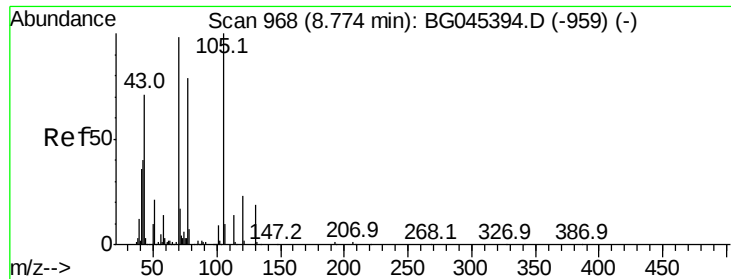


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

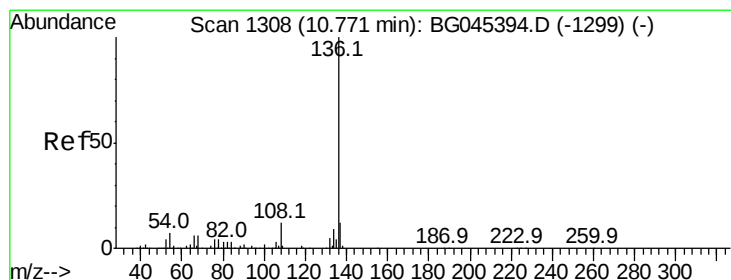
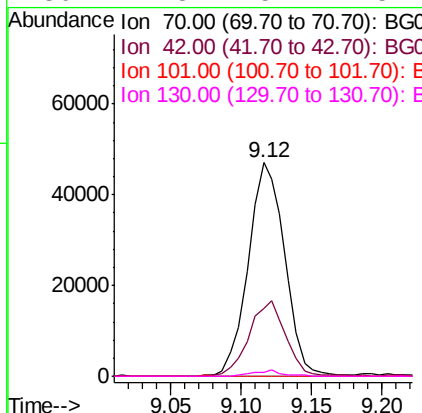
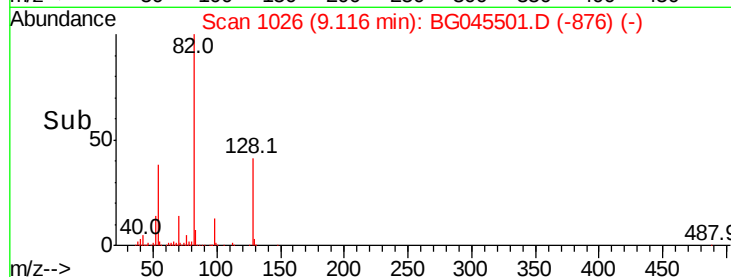
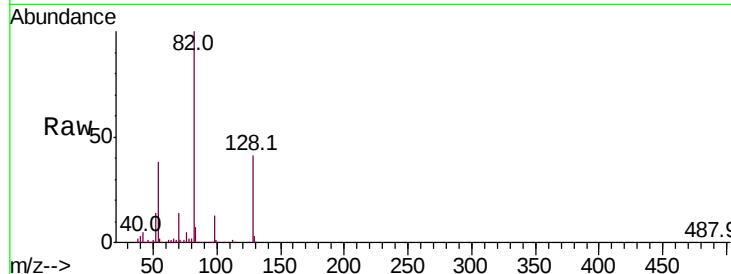




#19
n-Nitroso-di-n-propylamine
Concen: 18.228 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG045501.D
Acq: 28 May 2020 17:34

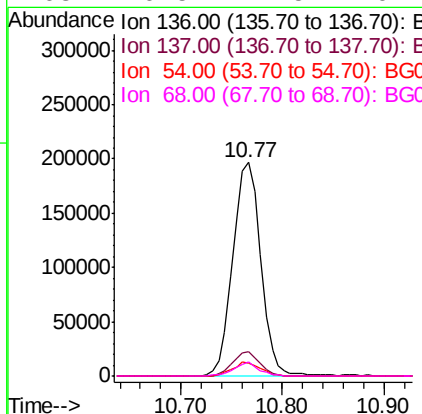
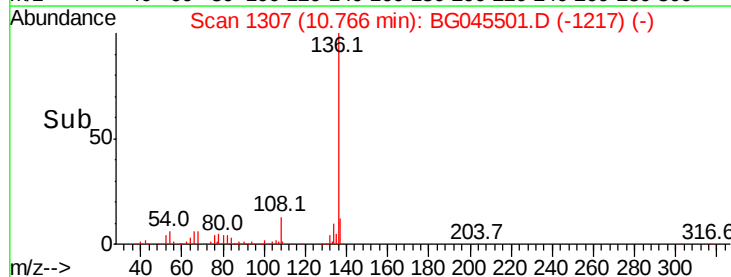
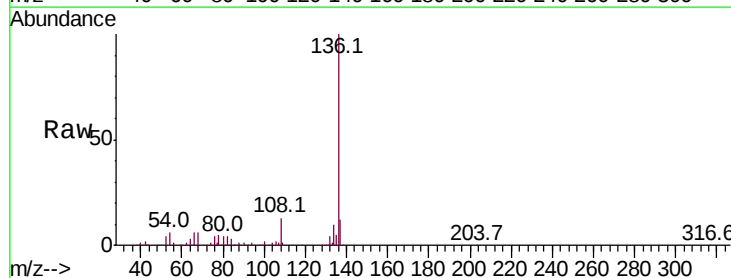
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2

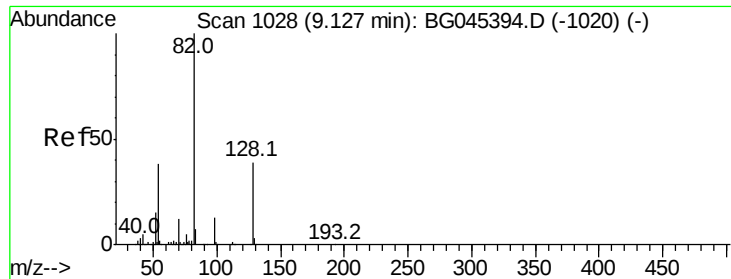
Tot Ion: 70 Resp: 85296
Ion Ratio Lower Upper
70 100
42 31.6 33.2 49.8#
101 0.0 7.8 11.6#
130 1.8 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG045501.D
Acq: 28 May 2020 17:34

Tgt Ion: 136 Resp: 378115
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 6.0 5.8 8.6
68 6.5 4.5 6.7

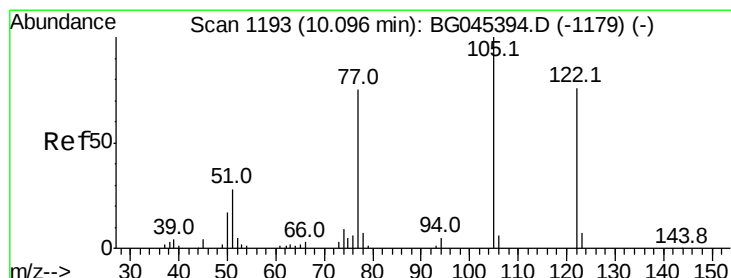
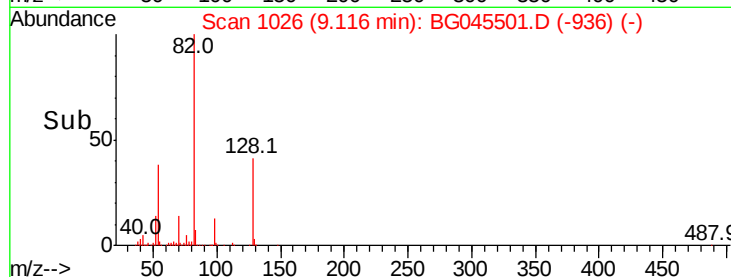
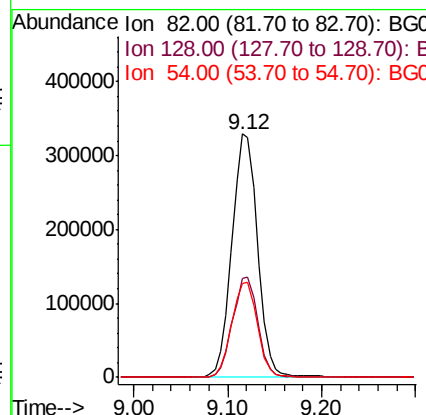
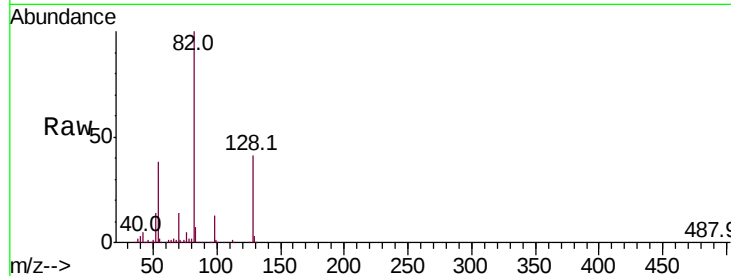




#23
 Nitrobenzene-d5
 Concen: 90.237 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045501.D
 Acq: 28 May 2020 17:34

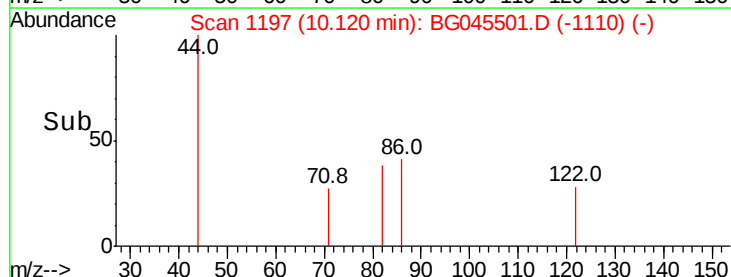
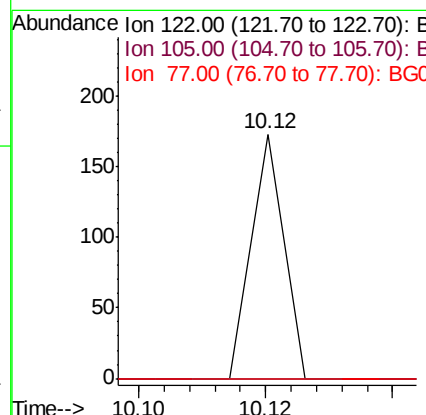
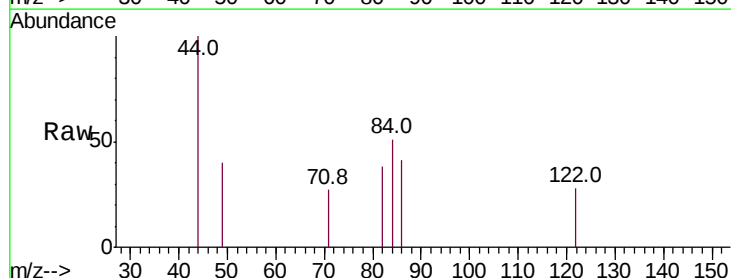
Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFIELD-2

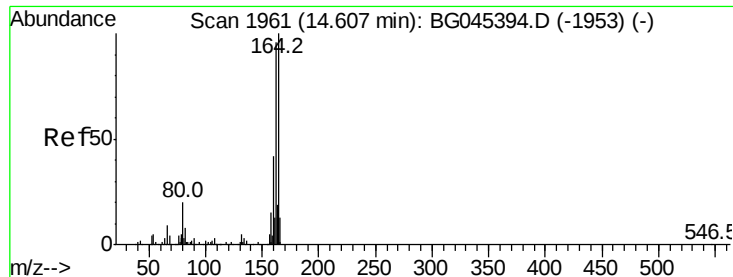
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.9	46.3
54	38.4	30.3	45.5



#32
 Benzoic acid
 Concen: 10.038 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BG045501.D
 Acq: 28 May 2020 17:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG045501.D

Acq: 28 May 2020 17:34

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2

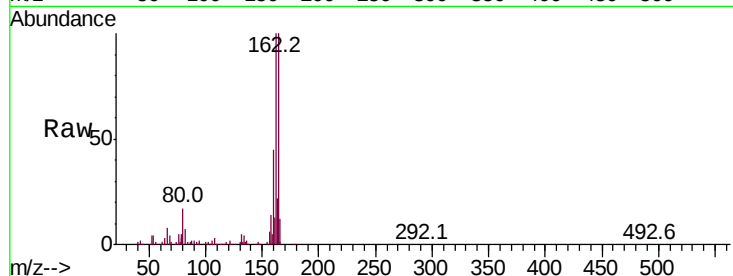
Tot Ion:164 Resp: 262226

Ion Ratio Lower Upper

164 100

162 100.0 76.9 115.3

160 44.9 33.8 50.8



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

14.60

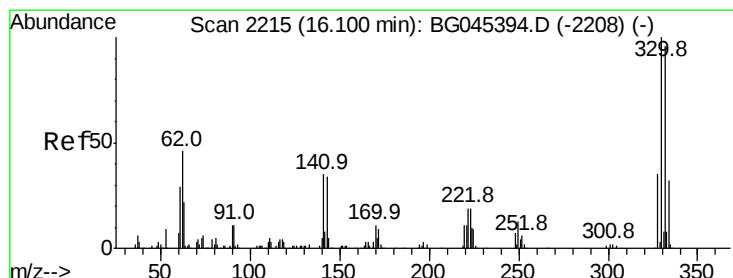
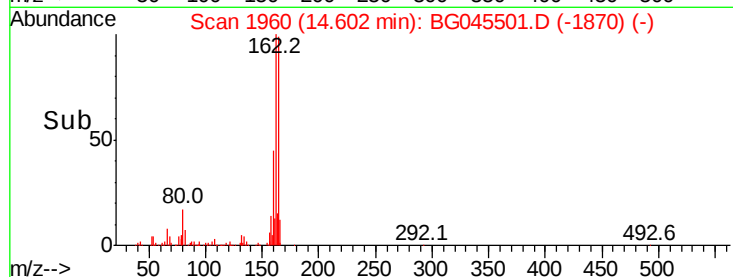
150000

100000

50000

0

Time--> 14.50 14.60 14.70



#42

2,4,6-Tribromophenol

Concen: 134.441 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG045501.D

Acq: 28 May 2020 17:34

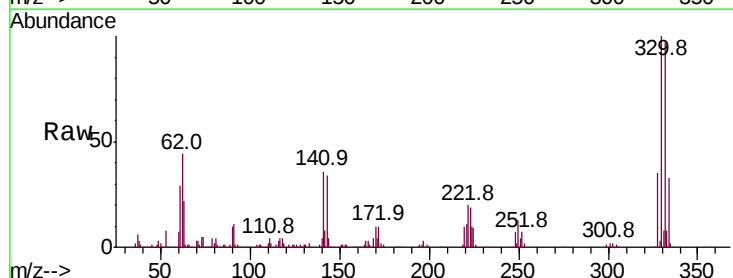
Tgt Ion:330 Resp: 450857

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

141 33.7 28.2 42.4



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

16.09

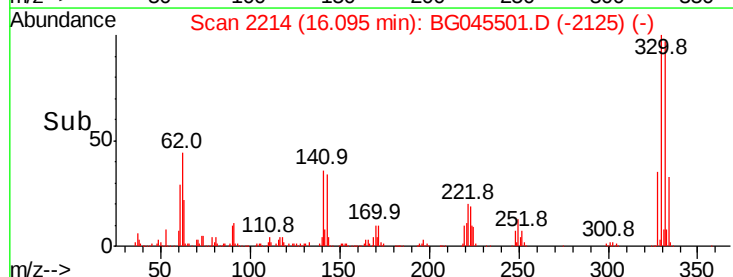
300000

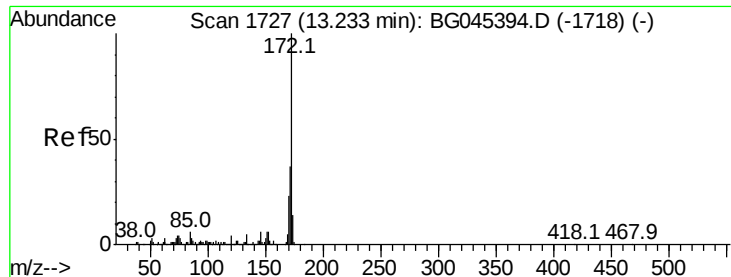
200000

100000

0

Time--> 16.00 16.10 16.20





#45

2-Fluorobiphenyl

Concen: 93.338 ng

RT: 13.22 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG045501.D

Acq: 28 May 2020 17:34

Instrument :

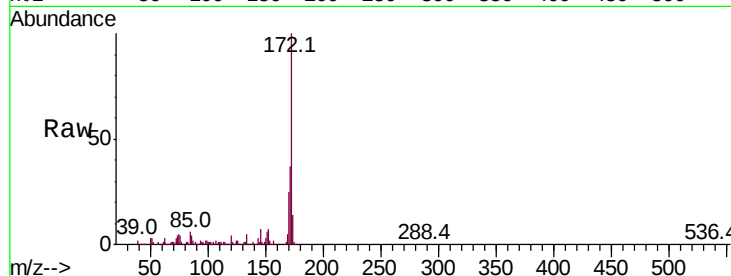
BNA_G

ClientSampleId :

RAMP-A-INFIELD-2

Tot Ion:172 Resp: 1442965

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.5	44.3
170	24.6	18.5	27.7

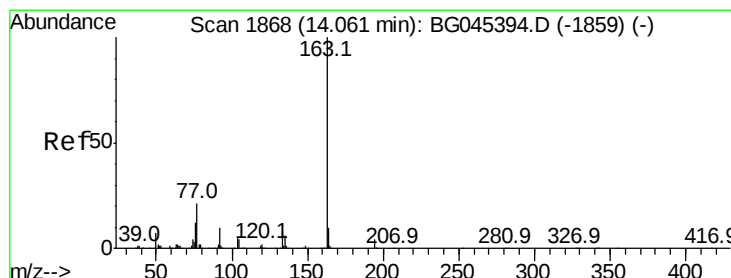
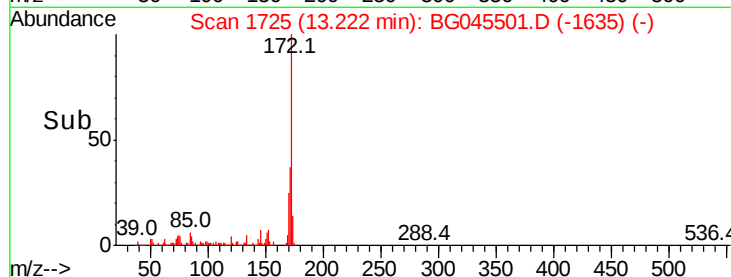
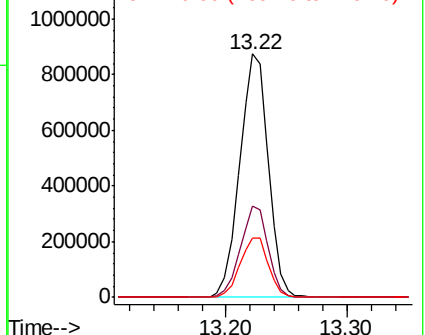


Abundance

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: 12.516 ng

RT: 14.05 min Scan# 1866

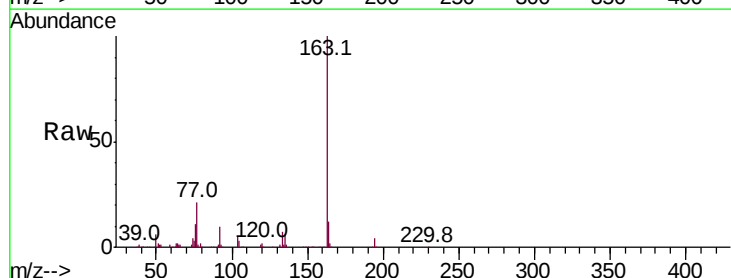
Delta R.T. -0.01 min

Lab File: BG045501.D

Acq: 28 May 2020 17:34

Tgt Ion:163 Resp: 225143

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	11.8	8.3	12.5

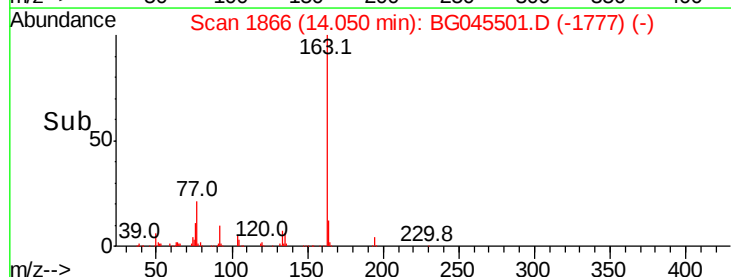
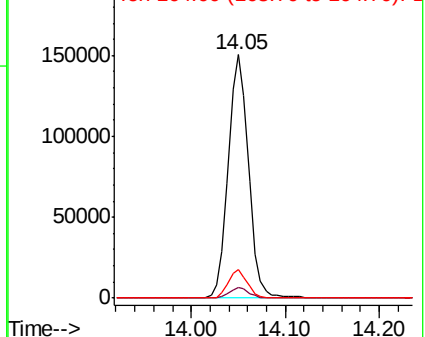


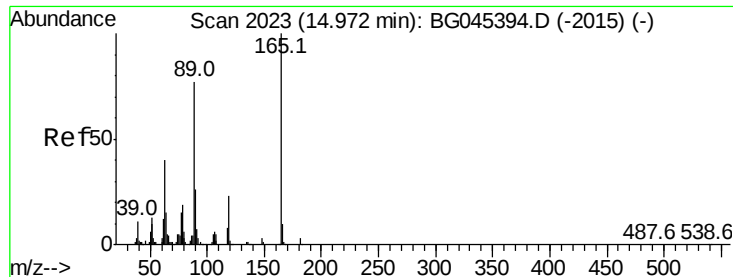
Abundance

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

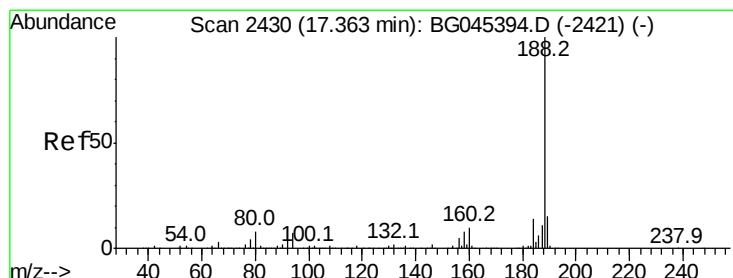
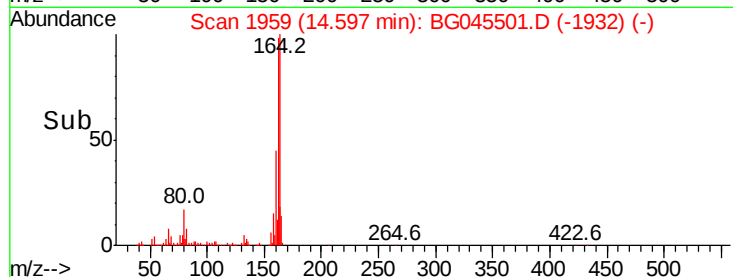
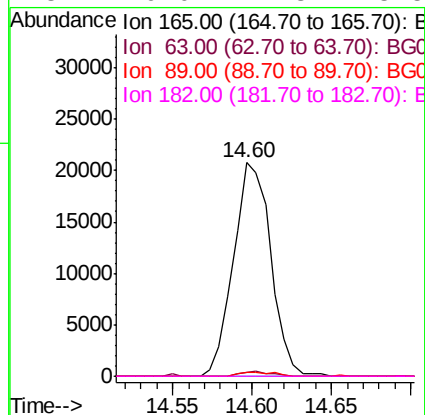
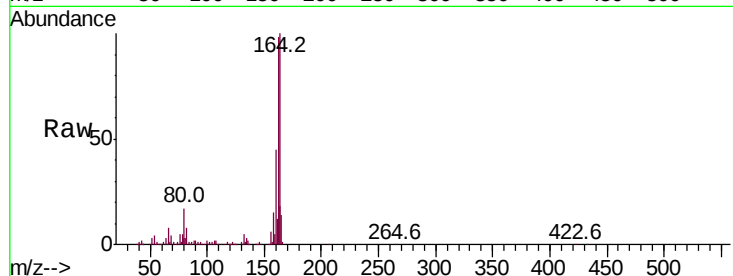




#57
 2,4-Dinitrotoluene
 Concen: 5.746 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.37 min
 Lab File: BG045501.D
 Acq: 28 May 2020 17:34

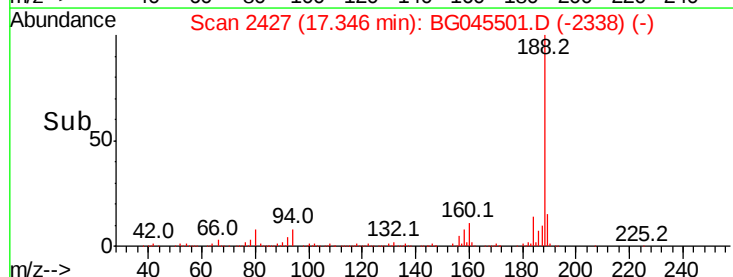
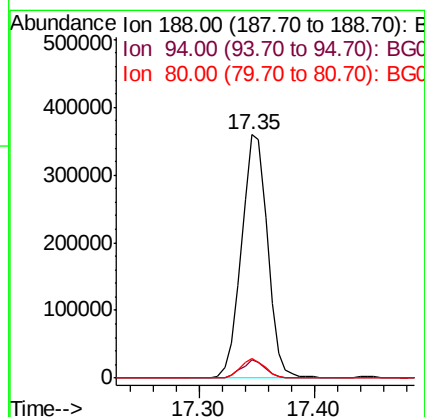
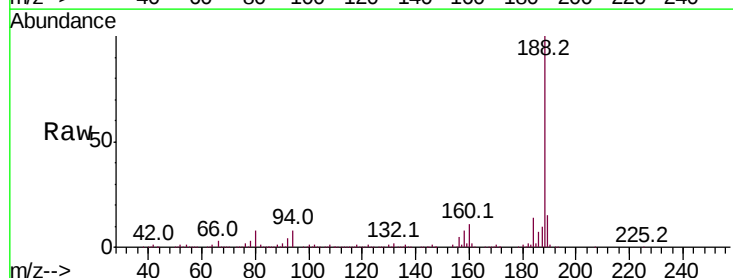
Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFIELD-2

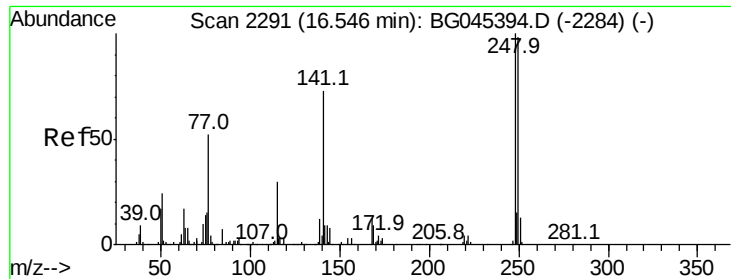
Tot Ion:165 Resp: 33781
 Ion Ratio Lower Upper
 165 100
 63 1.6 32.5 48.7#
 89 2.1 61.8 92.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG045501.D
 Acq: 28 May 2020 17:34

Tgt Ion:188 Resp: 562370
 Ion Ratio Lower Upper
 188 100
 94 7.7 5.5 8.3
 80 8.0 6.6 10.0

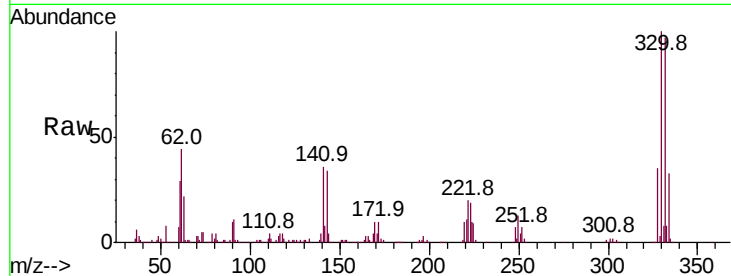




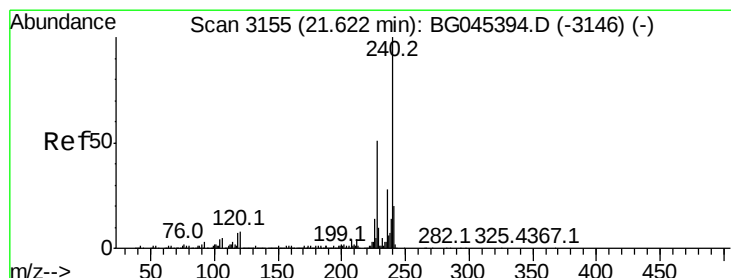
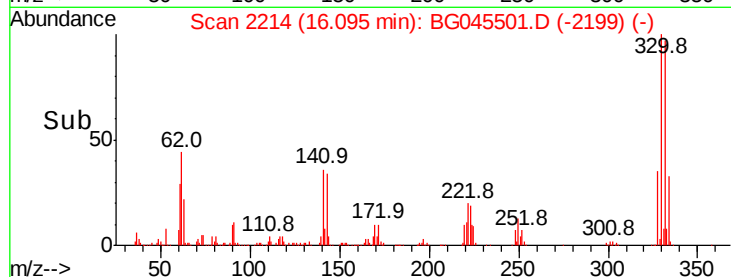
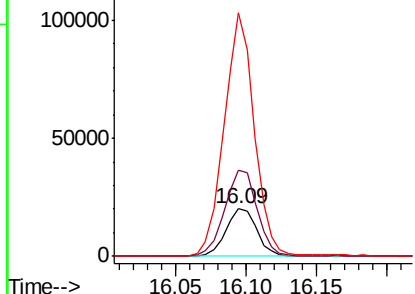
#67
 4-Bromophenyl-phenylether
 Concen: 5.040 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.44 min
 Lab File: BG045501.D
 Acq: 28 May 2020 17:34

Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFIELD-2

Tot Ion:248 Resp: 30693
 Ion Ratio Lower Upper
 248 100
 250 180.7 78.6 117.8#
 141 511.8 58.2 87.2#

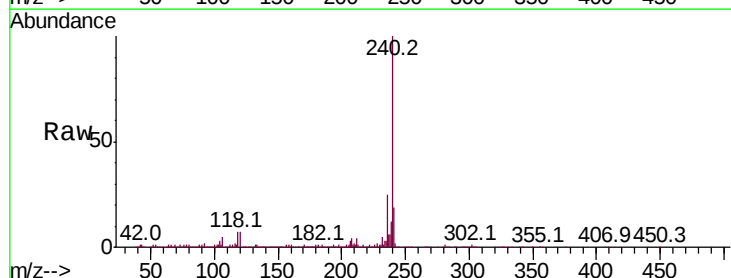


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

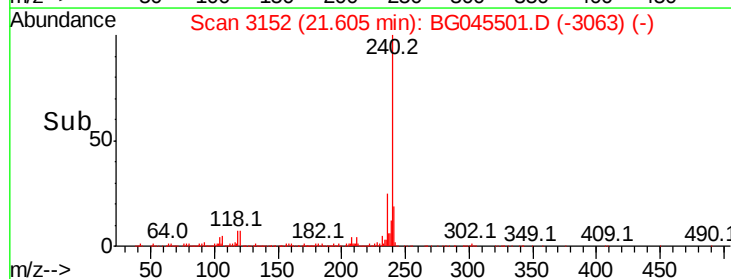
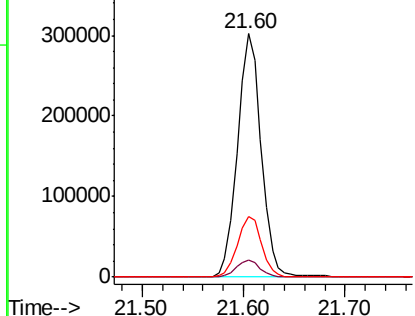


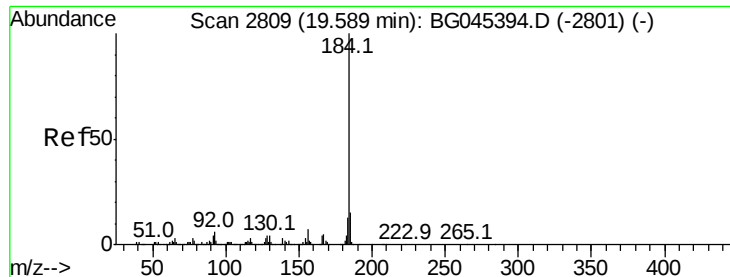
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG045501.D
 Acq: 28 May 2020 17:34

Tgt Ion:240 Resp: 490807
 Ion Ratio Lower Upper
 240 100
 120 7.1 6.1 9.1
 236 24.7 22.3 33.5



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





#77

Benzidine

Concen: 2.695 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.38 min

Lab File: BG045501.D

Acq: 28 May 2020 17:34

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2

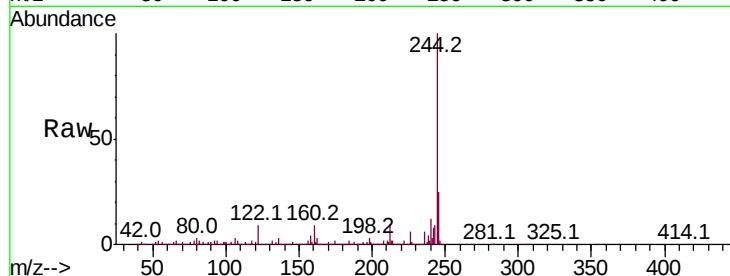
Tot Ion:184 Resp: 37150

Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

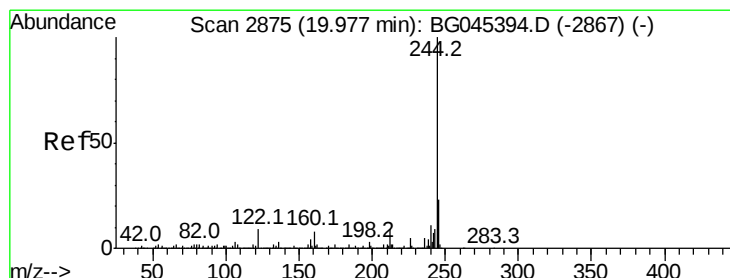
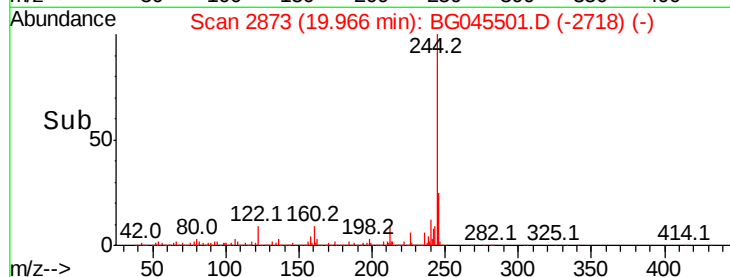
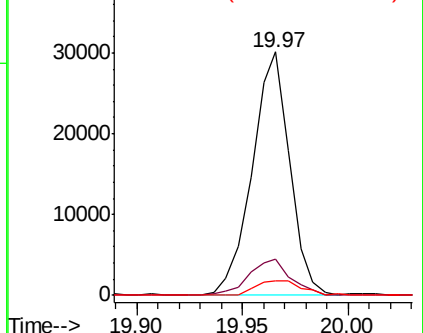
183 6.0 10.2 15.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 93.610 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045501.D

Acq: 28 May 2020 17:34

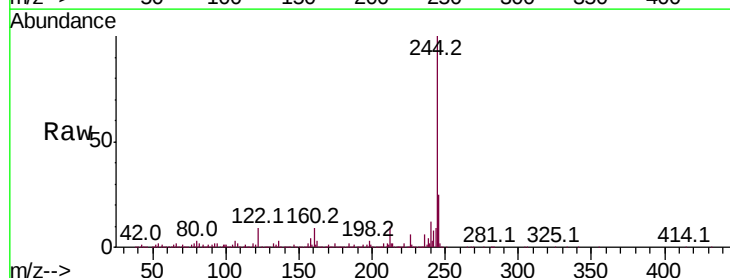
Tgt Ion:244 Resp: 1969915

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

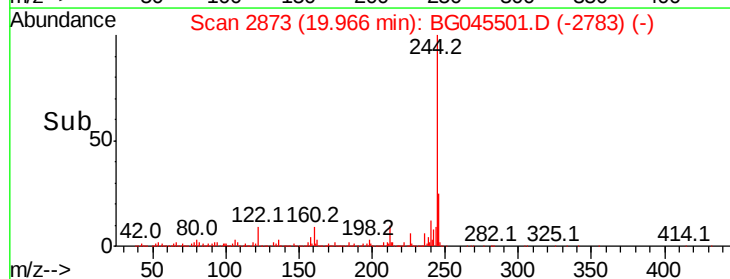
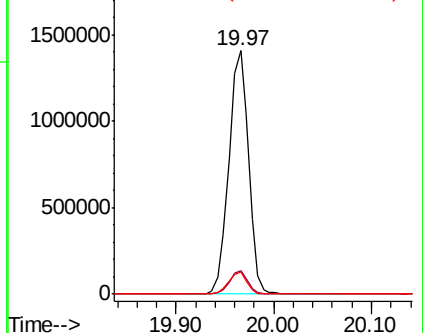
122 9.0 6.8 10.2

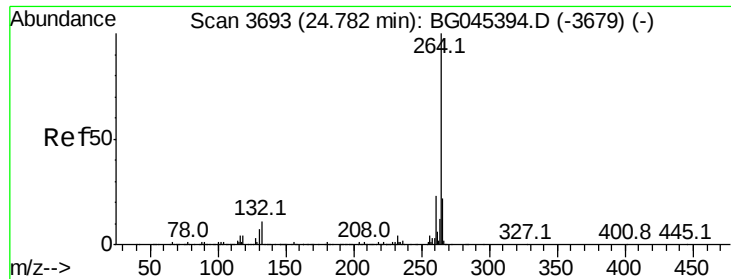


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.75 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG045501.D
Acq: 28 May 2020 17:34

Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFELD-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.9	17.6	26.4

