

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
 Data File : BG046028.D
 Acq On : 13 Jul 2020 18:38
 Operator : CG/JU
 Sample : L3278-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E3-41-NHSRE

Quant Time: Jul 14 01:33:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

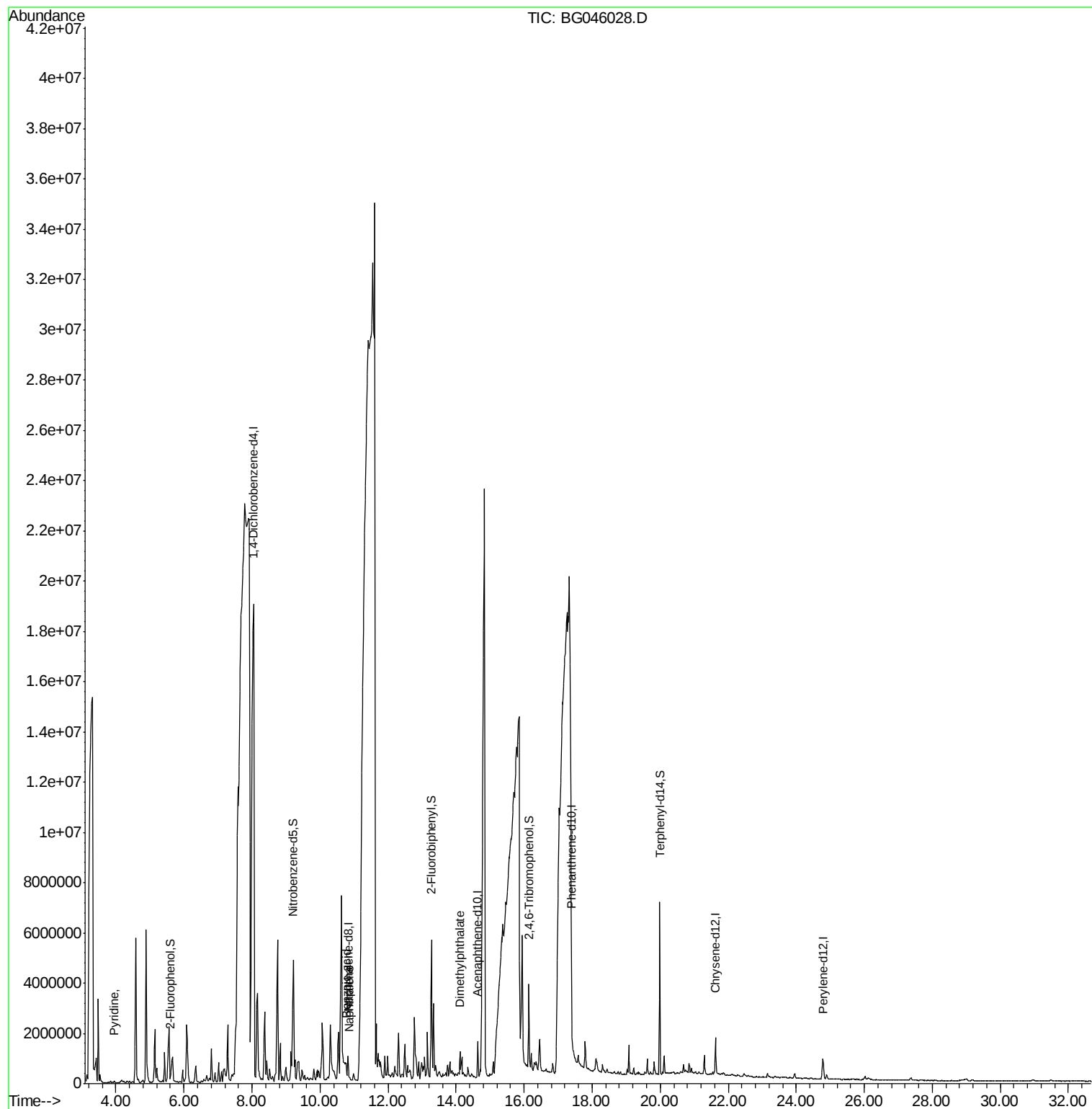
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	128755	20.00	ng	0.04
21) Naphthalene-d8	10.82	136	840994	20.00	ng	0.02
39) Acenaphthene-d10	14.64	164	490222	20.00	ng	0.01
64) Phenanthrene-d10	17.39	188	776448	20.00	ng	0.02
76) Chrysene-d12	21.63	240	767343	20.00	ng	0.00
86) Perylene-d12	24.78	264	776735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	93528	11.78	ng	0.02
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	9.21	82	1465440	100.30	ng	0.05
42) 2,4,6-Tribromophenol	16.14	330	488855	107.45	ng	0.03
45) 2-Fluorobiphenyl	13.27	172	2382040	75.79	ng	0.02
79) Terphenyl-d14	19.99	244	2634604	76.41	ng	0.00
Target Compounds						
3) Pyridine	3.96	79	30521	2.756	ng	99
31) Naphthalene	10.87	128	133206	2.955	ng	100
32) Benzoic acid	10.77	122	481350m	60.169	ng	
50) Dimethylphthalate	14.11	163	525219	14.276	ng	99

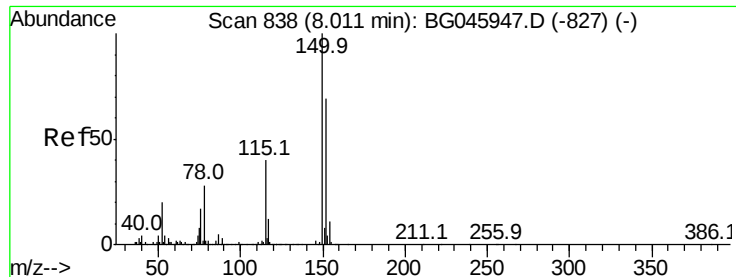
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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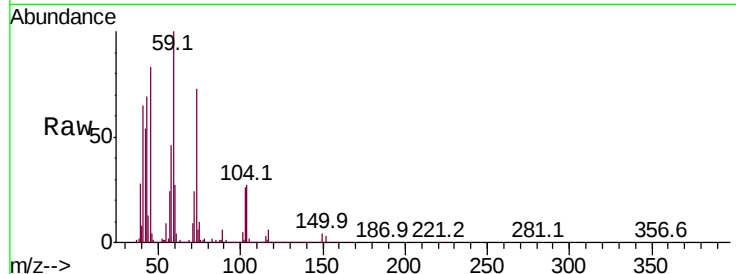


#1

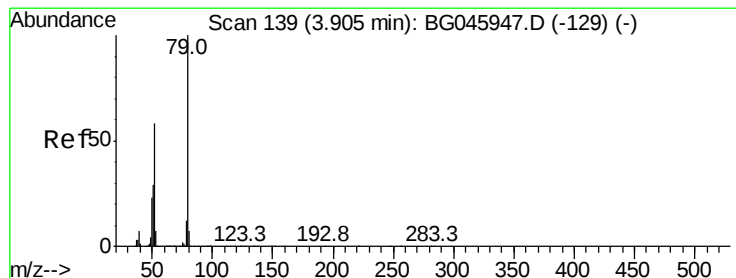
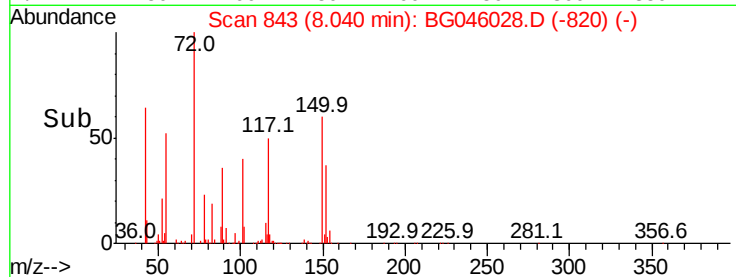
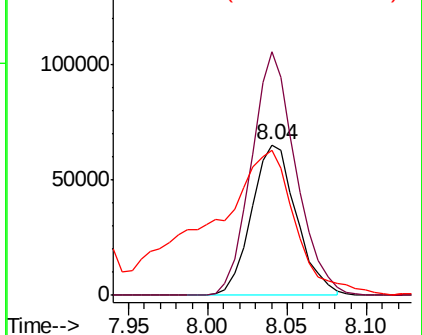
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. 0.04 min
Lab File: BG046028.D
Acq: 13 Jul 2020 18:38

Instrument :
BNA_G
ClientSampleId :
E3-41-NHSRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	116.7	175.1
115	96.5	47.4	71.0



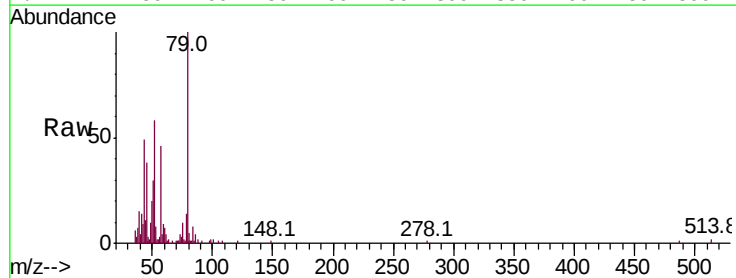
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



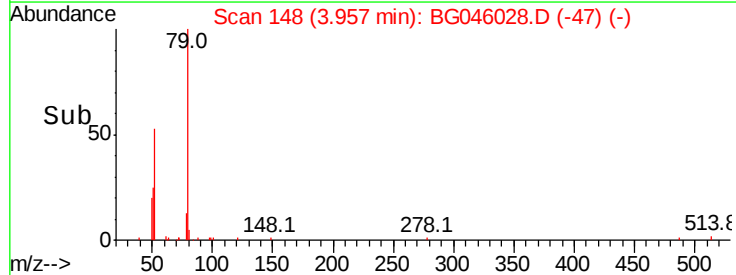
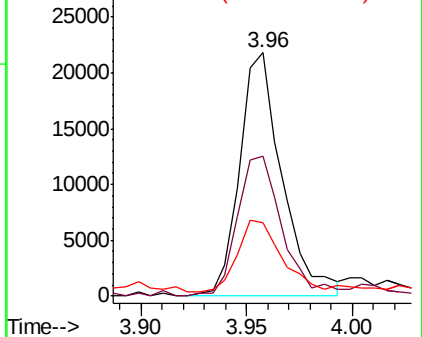
#3

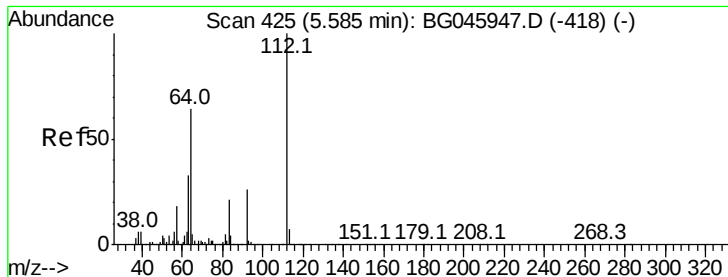
Pyridine
Concen: 2.756 ng
RT: 3.96 min Scan# 148
Delta R.T. 0.06 min
Lab File: BG046028.D
Acq: 13 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
79	100		
52	57.6	46.5	69.7
51	30.1	23.5	35.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 11.780 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.02 min

Lab File: BG046028.D

Acq: 13 Jul 2020 18:38

Instrument :

BNA_G

ClientSampleId :

E3-41-NHSRE

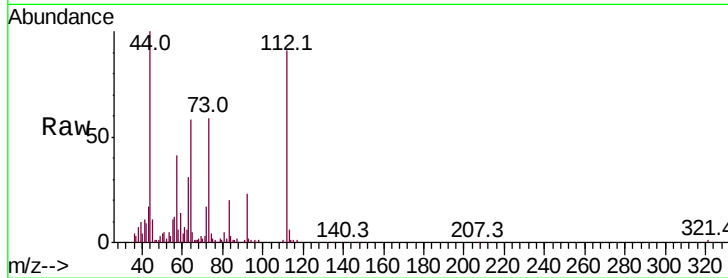
Tot Ion:112 Resp: 93528

Ion Ratio Lower Upper

112 100

64 63.6 51.4 77.2

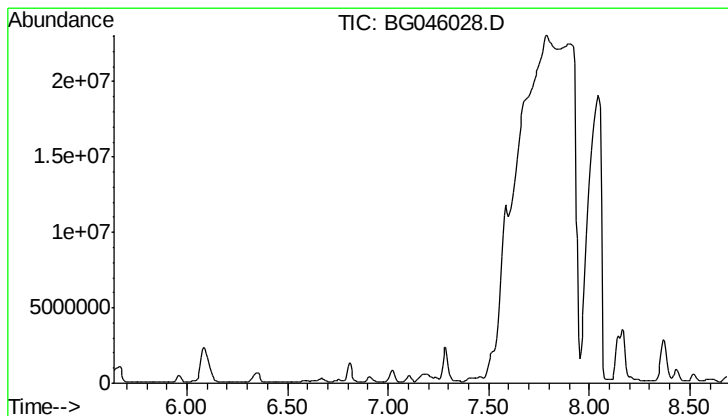
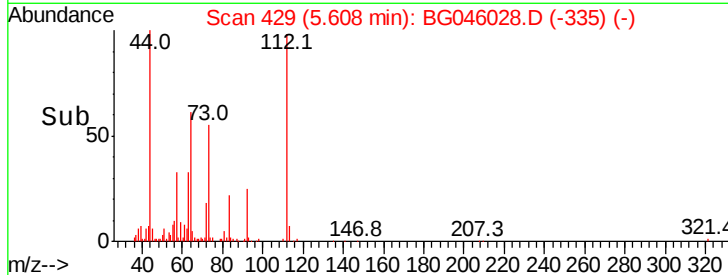
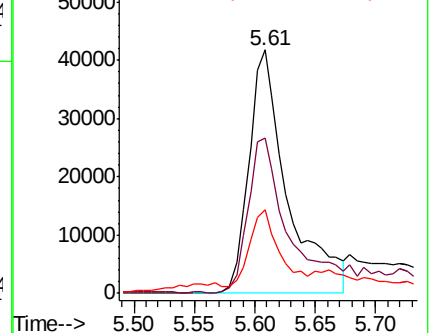
63 34.3 26.6 40.0



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: 0.000 ng

Expected RT: 7.17 min

Lab File: BG046028.D

Acq: 13 Jul 2020 18:38

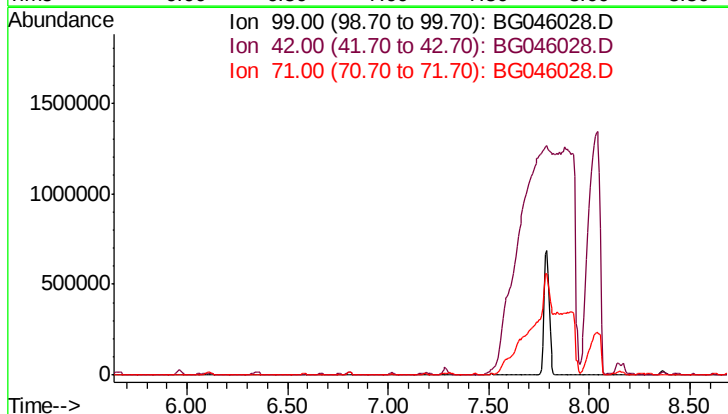
Tgt Ion: 99

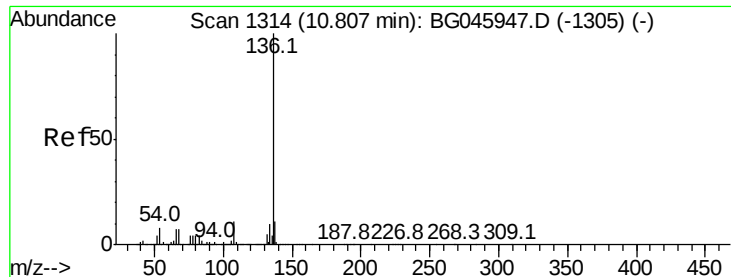
Sig Exp Ratio

99 100

42 16.2

71 34.4

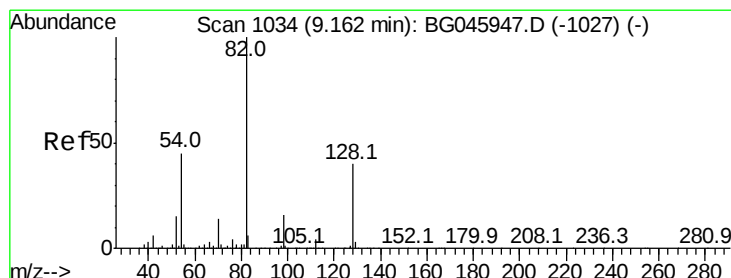
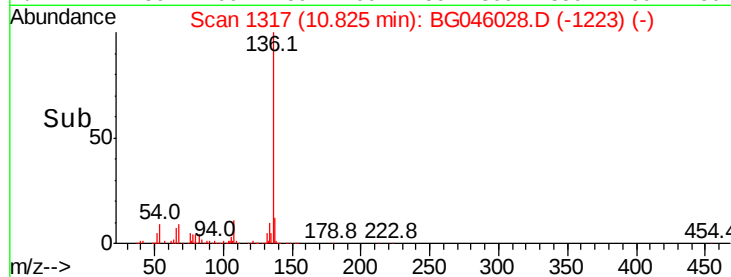
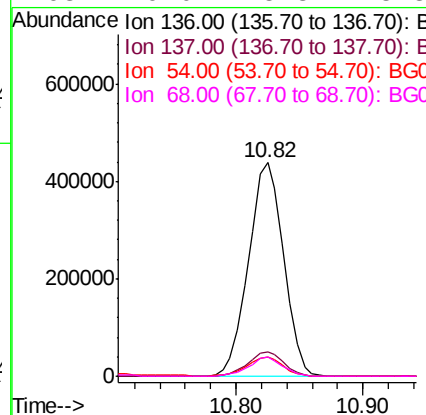
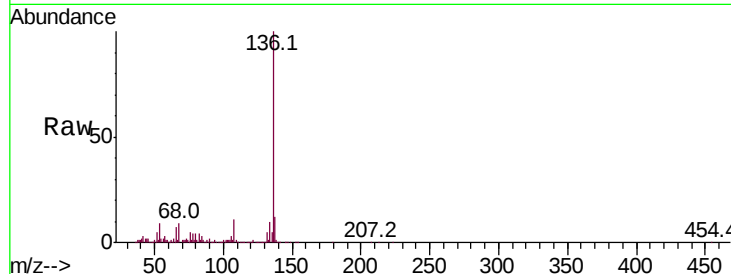




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. 0.02 min
Lab File: BG046028.D
Acq: 13 Jul 2020 18:38

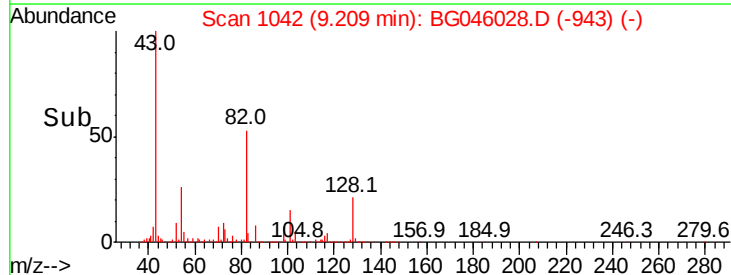
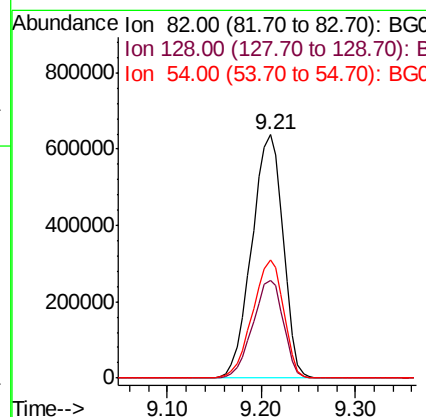
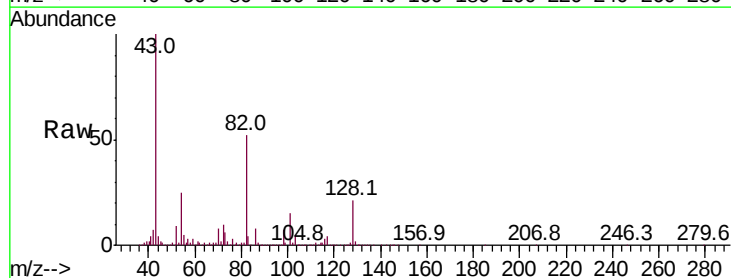
Instrument :
BNA_G
ClientSampleId :
E3-41-NHSRE

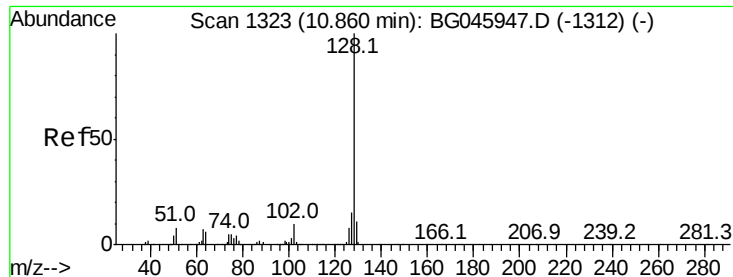
Tot Ion:	136	Resp:	840994
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.9	6.2	9.4
68	9.0	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 100.295 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.05 min
Lab File: BG046028.D
Acq: 13 Jul 2020 18:38

Tgt Ion:	82	Resp:	1465440
Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.2	48.4
54	48.6	35.8	53.6

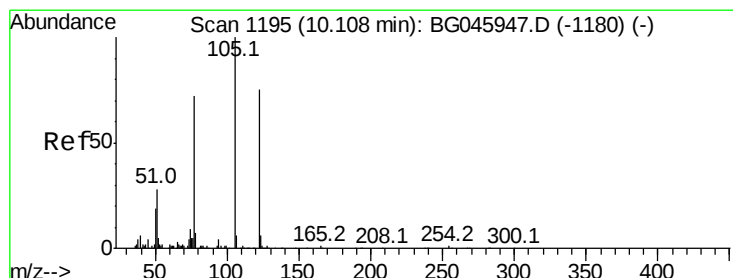
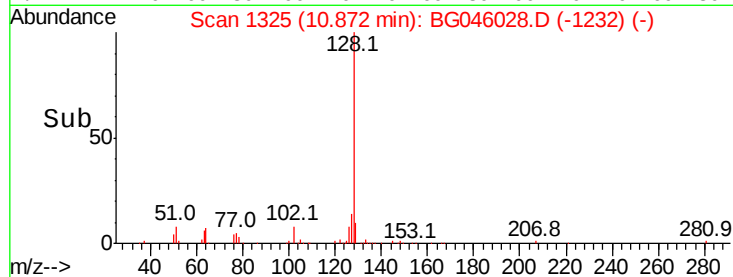
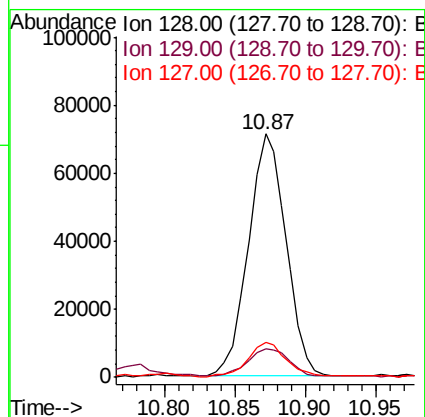
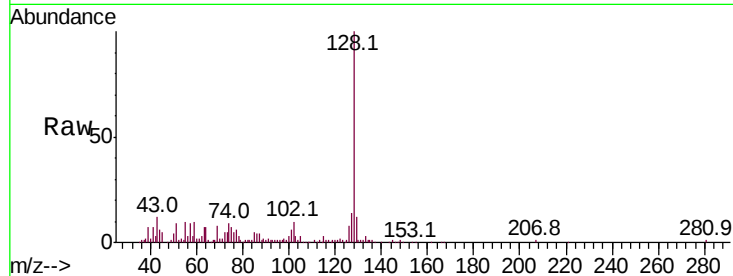




#31
Naphthalene
Concen: 2.955 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BG046028.D
Acq: 13 Jul 2020 18:38

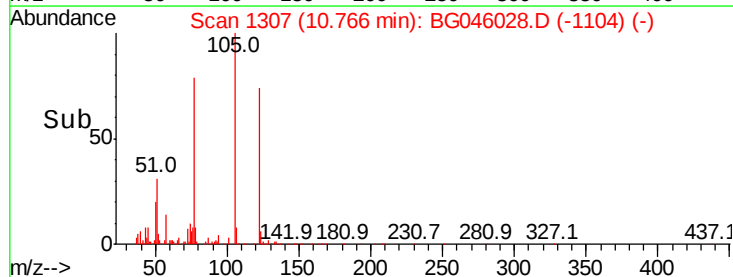
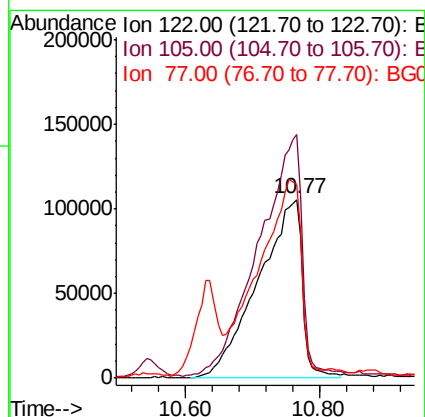
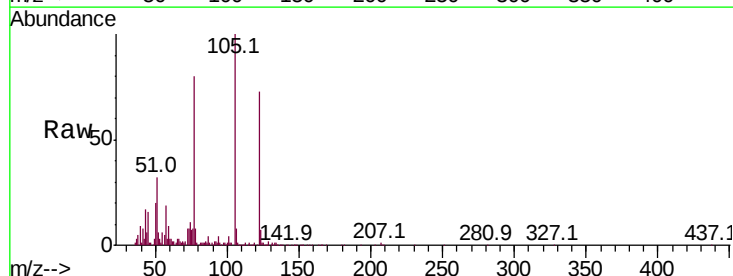
Instrument :
BNA_G
ClientSampleId :
E3-41-NHSRE

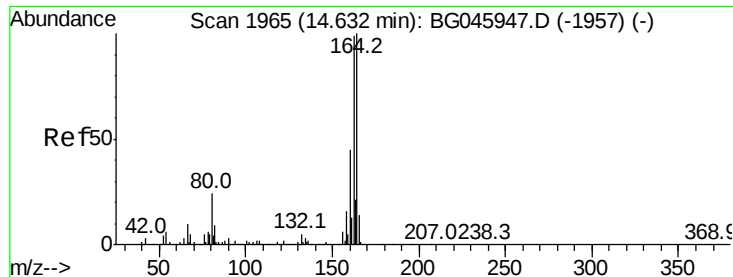
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	14.5	11.8	17.6



#32
Benzoic acid
Concen: 60.169 ng m
RT: 10.77 min Scan# 1307
Delta R.T. 0.66 min
Lab File: BG046028.D
Acq: 13 Jul 2020 18:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.4	110.8	150.8
77	108.7	76.4	116.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG046028.D

Acq: 13 Jul 2020 18:38

Instrument :

BNA_G

ClientSampleId :

E3-41-NHSRE

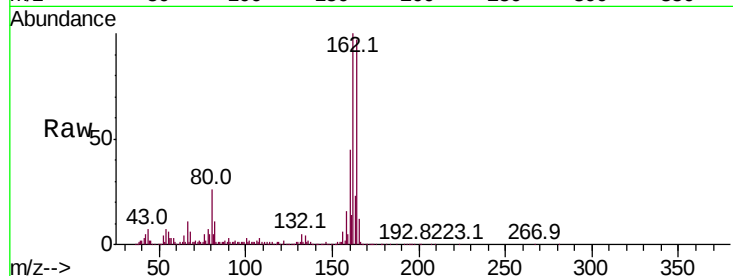
Tot Ion:164 Resp: 490222

Ion Ratio Lower Upper

164 100

162 103.0 79.3 118.9

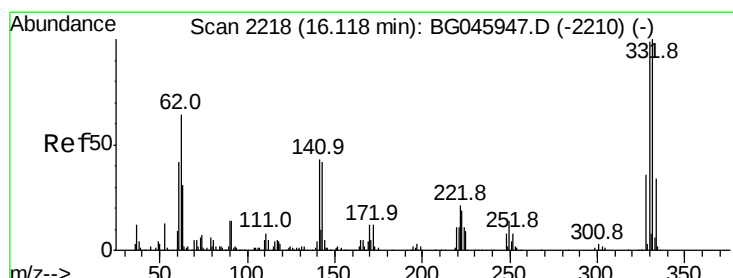
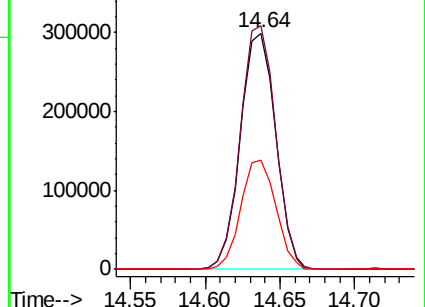
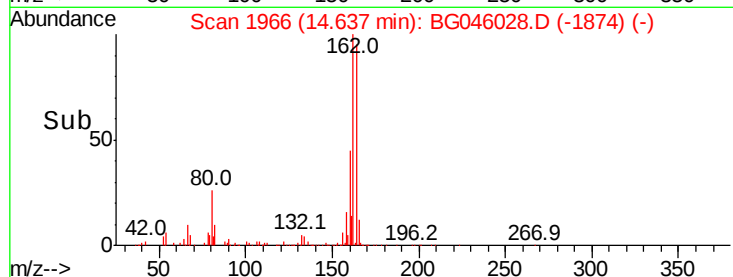
160 46.3 35.7 53.5



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: 107.446 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.03 min

Lab File: BG046028.D

Acq: 13 Jul 2020 18:38

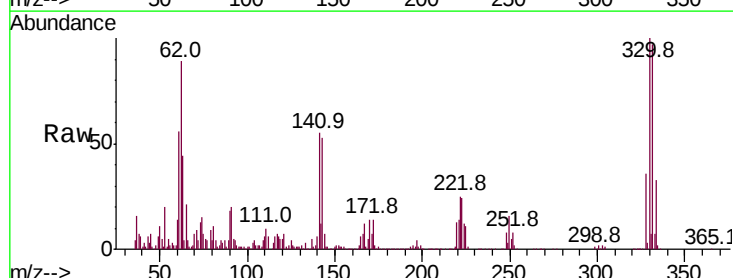
Tgt Ion:330 Resp: 488855

Ion Ratio Lower Upper

330 100

332 97.0 78.3 117.5

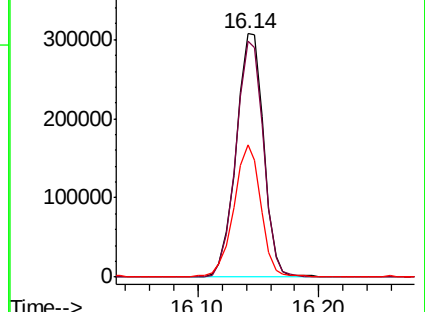
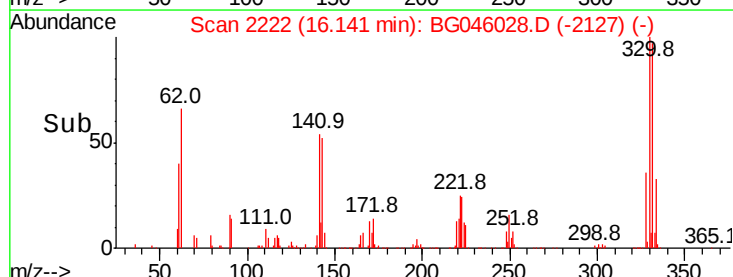
141 52.7 36.6 54.8

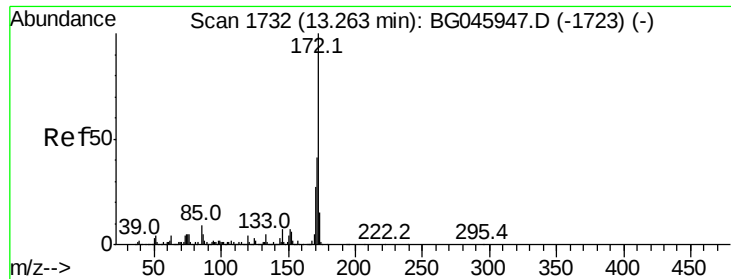


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



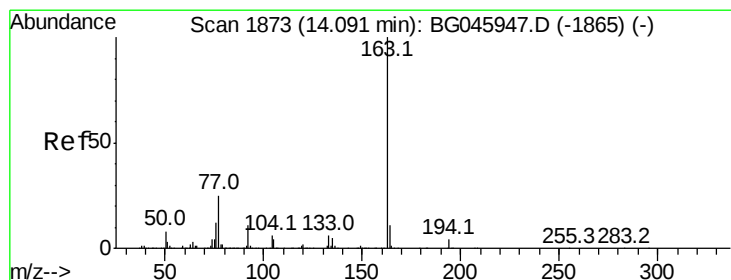
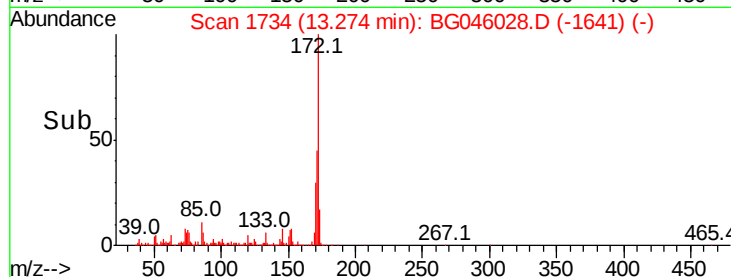
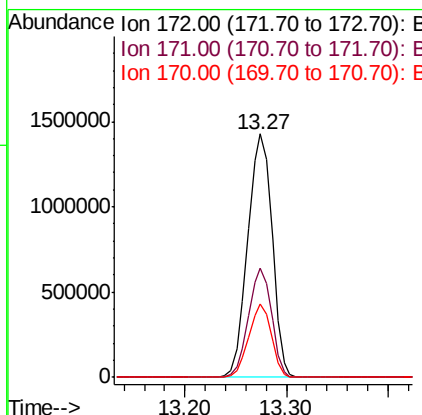
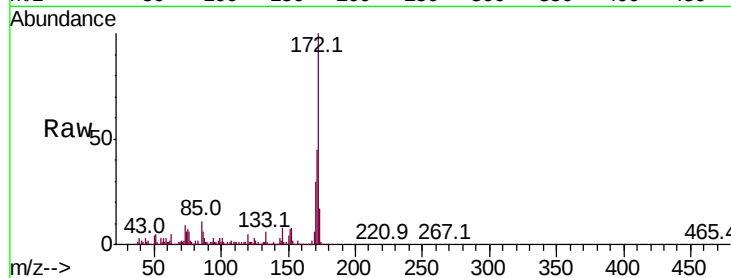


#45
 2-Fluorobiphenyl
 Concen: 75.794 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. 0.02 min
 Lab File: BG046028.D
 Acq: 13 Jul 2020 18:38

Instrument :
 BNA_G
 ClientSampleId :
 E3-41-NHSRE

Tot Ion:172 Resp: 2382040

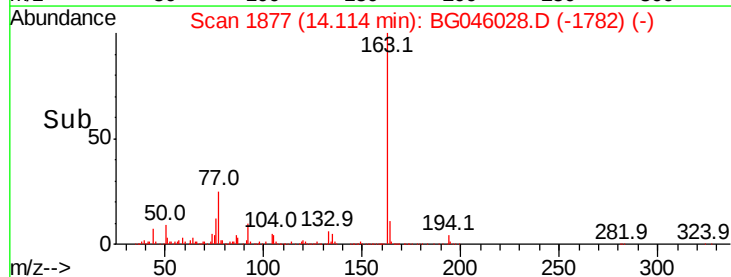
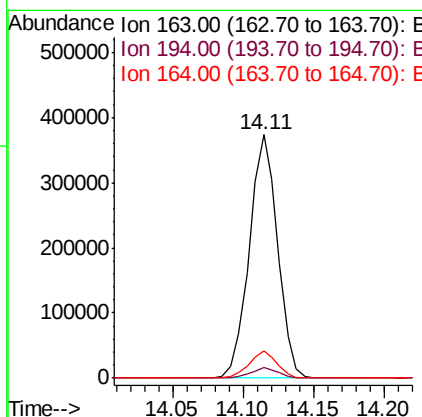
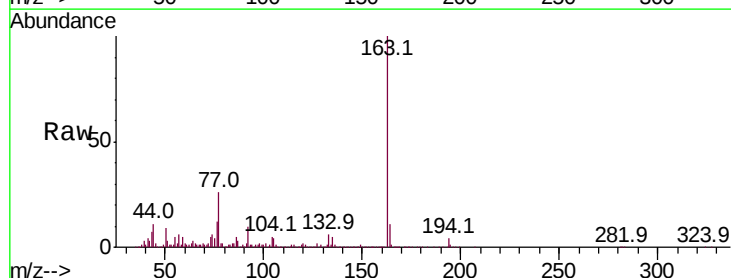
Ion	Ratio	Lower	Upper
172	100		
171	44.8	32.9	49.3
170	29.9	21.8	32.6

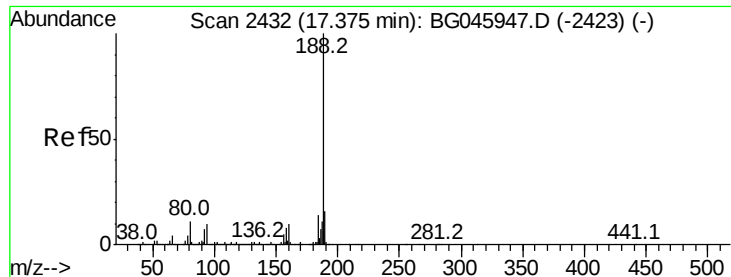


#50
 Dimethylphthalate
 Concen: 14.276 ng
 RT: 14.11 min Scan# 1877
 Delta R.T. 0.03 min
 Lab File: BG046028.D
 Acq: 13 Jul 2020 18:38

Tgt Ion:163 Resp: 525219

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.0	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. 0.02 min

Lab File: BG046028.D

Acq: 13 Jul 2020 18:38

Instrument :

BNA_G

ClientSampleId :

E3-41-NHSRE

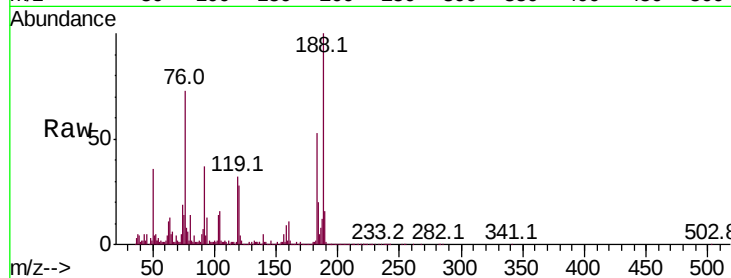
Tot Ion:188 Resp: 776448

Ion Ratio Lower Upper

188 100

94 12.9 8.2 12.4#

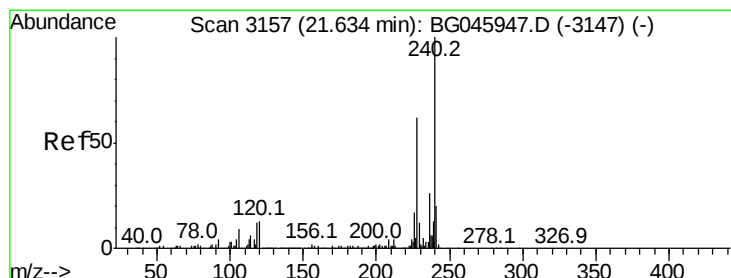
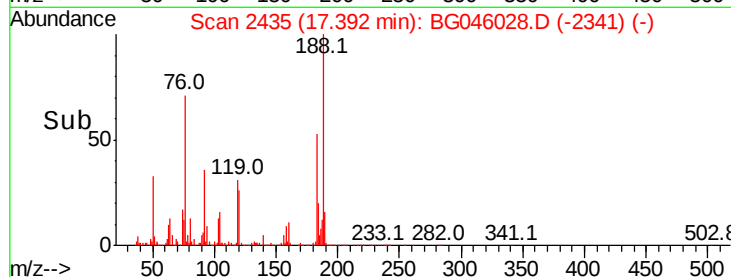
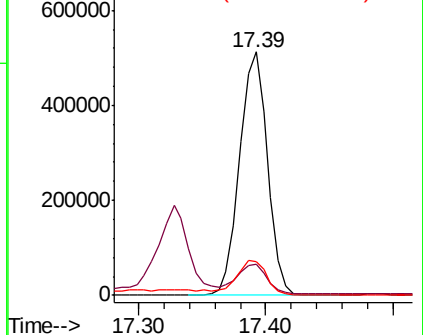
80 13.6 9.0 13.6#



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG046028.D

Acq: 13 Jul 2020 18:38

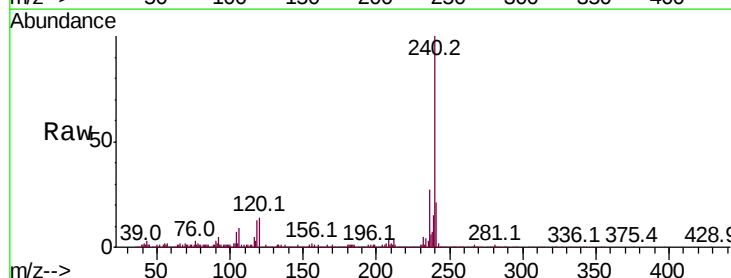
Tgt Ion:240 Resp: 767343

Ion Ratio Lower Upper

240 100

120 14.5 10.6 16.0

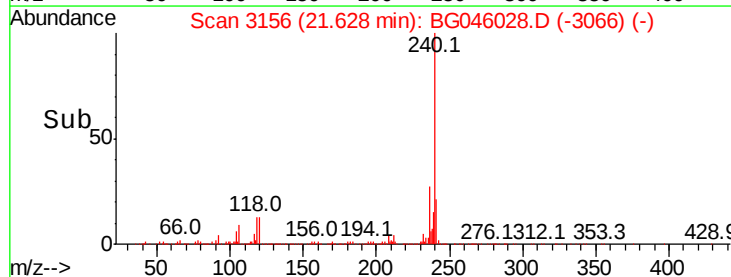
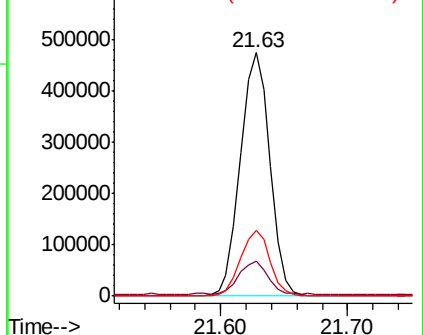
236 27.2 20.4 30.6

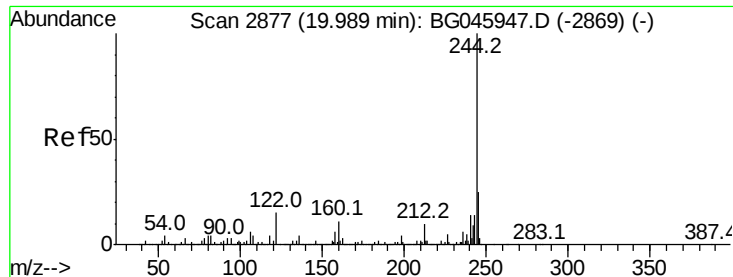


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.411 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.01 min

Lab File: BG046028.D

Acq: 13 Jul 2020 18:38

Instrument :

BNA_G

ClientSampleId :

E3-41-NHSRE

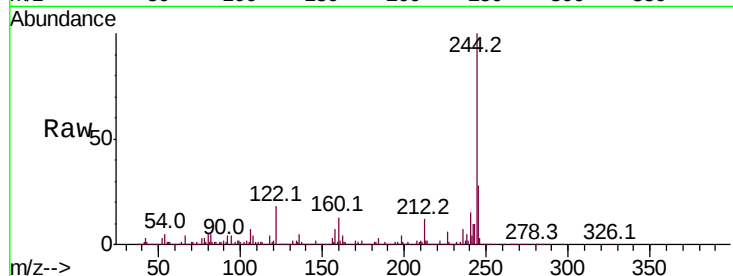
Tot Ion:244 Resp: 2634604

Ion Ratio Lower Upper

244 100

212 11.5 8.3 12.5

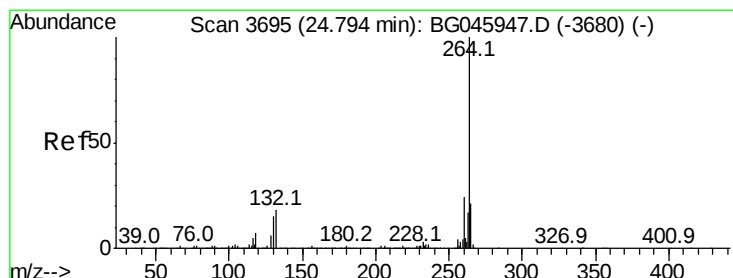
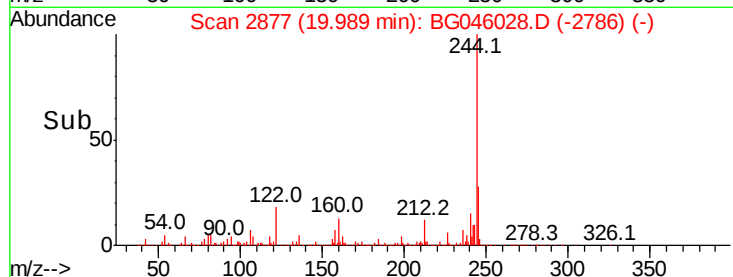
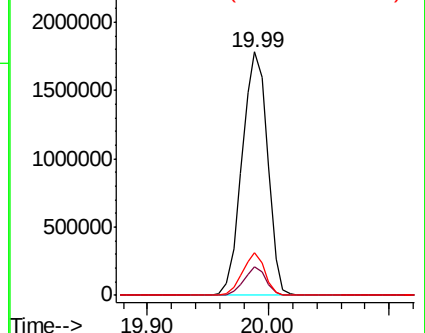
122 17.6 12.1 18.1



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: 24.78 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG046028.D

Acq: 13 Jul 2020 18:38

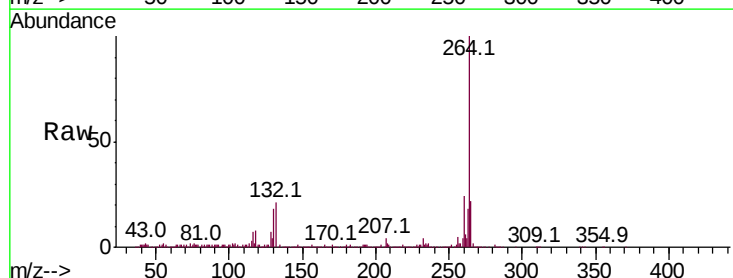
Tgt Ion:264 Resp: 776735

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.6 16.9 25.3



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

