

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045716.D
 Acq On : 11 Jun 2020 10:06
 Operator : CG/JU
 Sample : L2965-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BASEMENT-GRAY-SLAB

Quant Time: Jun 11 11:05:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

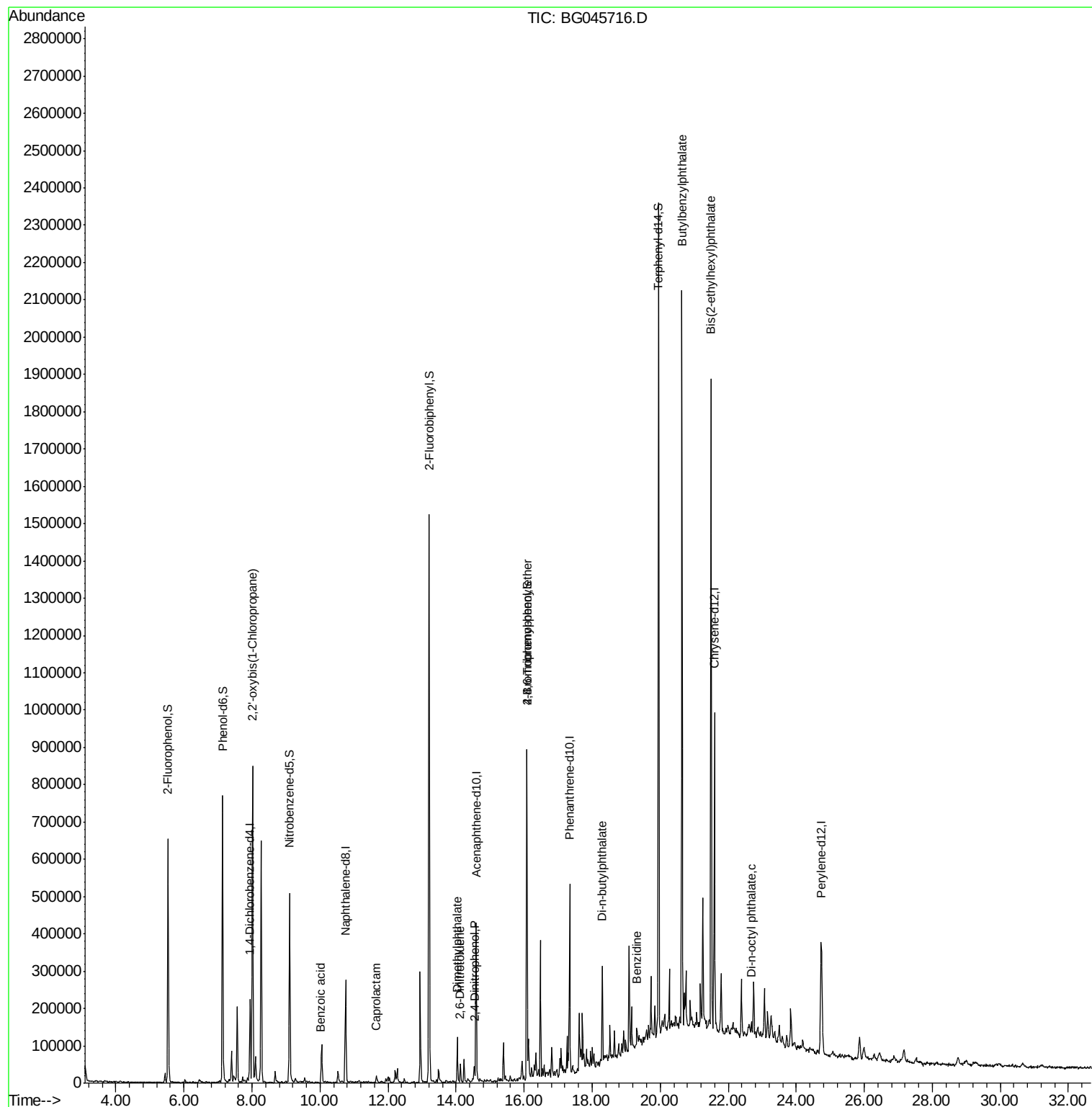
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61524	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	241587	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	159200	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	324410	20.00	ng	0.00
76) Chrysene-d12	21.59	240	297224	20.00	ng	-0.01
87) Perylene-d12	24.74	264	338742	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	315479	100.21	ng	0.00
7) Phenol-d6	7.14	99	507420	113.24	ng	-0.01
23) Nitrobenzene-d5	9.10	82	353933	79.89	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	185964	91.34	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	783455	83.47	ng	0.00
79) Terphenyl-d14	19.95	244	1075385	84.38	ng	0.00
Target Compounds						
16) 2,2'-oxybis(1-Chloropropan	8.02	45	7456	2.181	ng	Qvalue 78
32) Benzoic acid	10.02	122	56	10.044	ng	# 1
35) Caprolactam	11.66	113	4557	3.491	ng	# 59
50) Dimethylphthalate	14.04	163	80703	7.390	ng	99
51) 2,6-Dinitrotoluene	14.13	165	7983	3.239	ng	# 27
54) 2,4-Dinitrophenol	14.53	184	57	5.492	ng	# 17
67) 4-Bromophenyl-phenylether	16.08	248	12613	3.591	ng	# 1
74) Di-n-butylphthalate	18.30	149	196683	11.820	ng	99
77) Benzidine	19.31	184	44924	5.382	ng	# 86
80) Butylbenzylphthalate	20.64	149	577299	78.940	ng	94
84) Bis(2-ethylhexyl)phthalate	21.49	149	747134	74.321	ng	98
85) Di-n-octyl phthalate	22.67	149	35877	2.078	ng	# 95

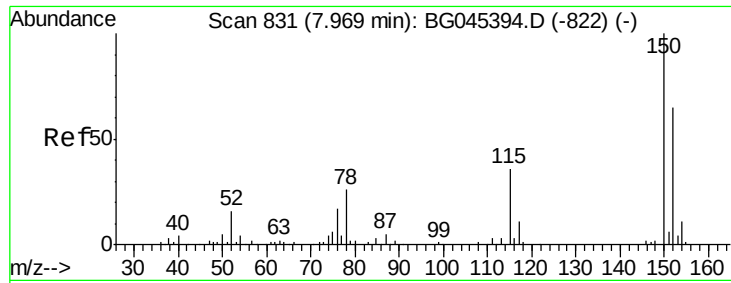
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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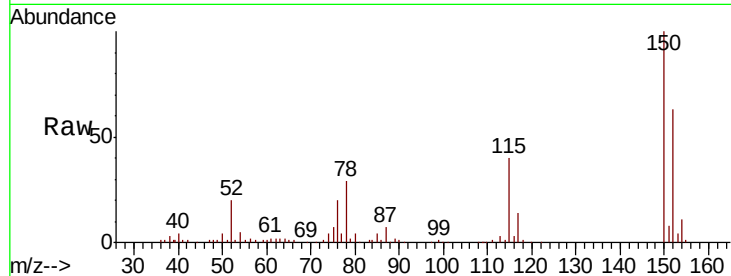




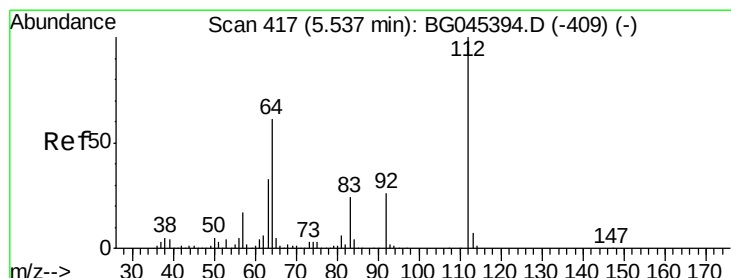
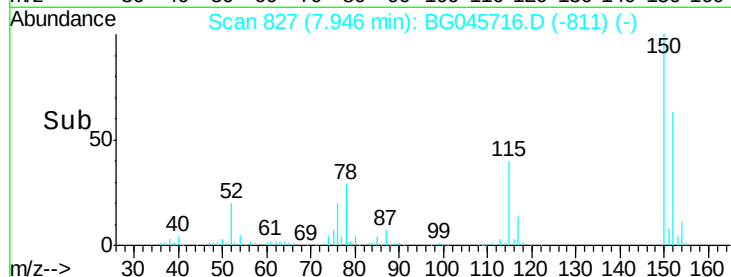
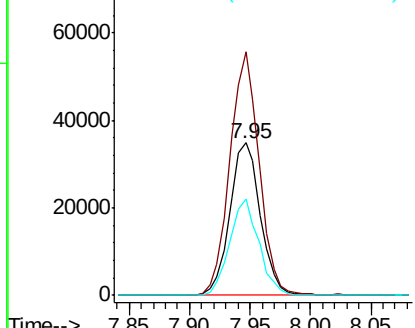
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045716.D
 Acq: 11 Jun 2020 10:06

Instrument :
 BNA_G
 ClientSampleId :
 BASEMENT-GRAY-SLAB

Tot Ion:152 Resp: 61524
 Ion Ratio Lower Upper
 152 100
 150 159.6 122.4 183.6
 115 63.1 44.2 66.4

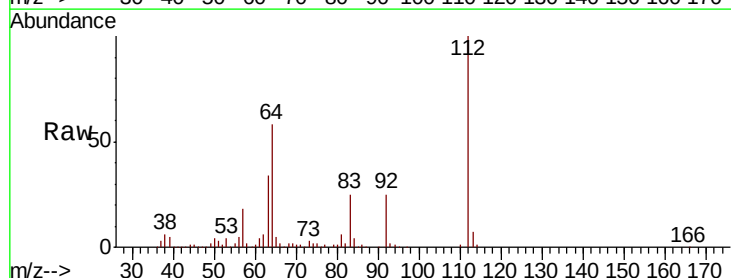


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

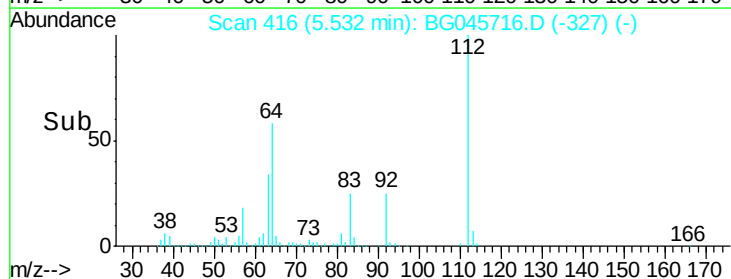
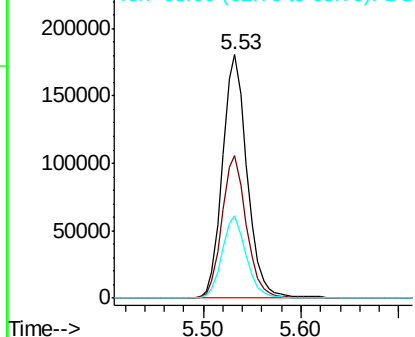


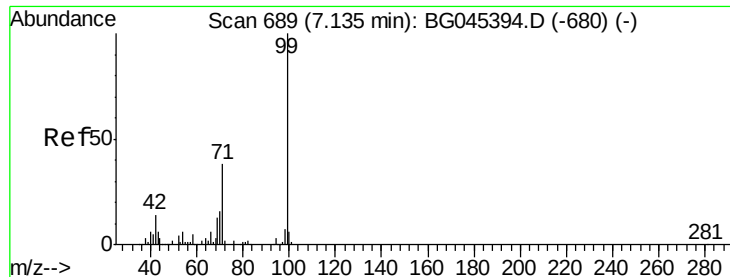
#5
 2-Fluorophenol
 Concen: 100.211 ng
 RT: 5.53 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BG045716.D
 Acq: 11 Jun 2020 10:06

Tgt Ion:112 Resp: 315479
 Ion Ratio Lower Upper
 112 100
 64 58.4 48.6 72.8
 63 34.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.245 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

Instrument :

BNA_G

ClientSampleId :

BASEMENT-GRAY-SLAB

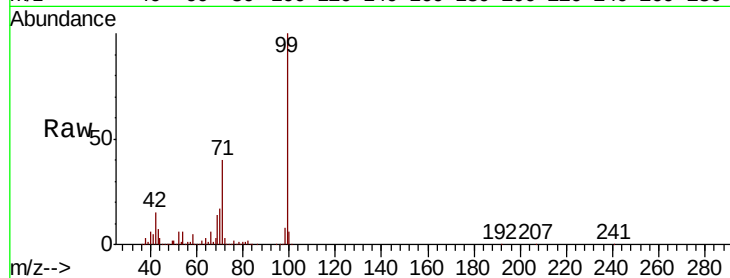
Tot Ion: 99 Resp: 507420

Ion Ratio Lower Upper

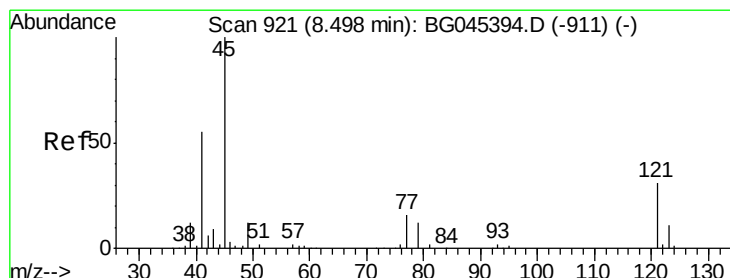
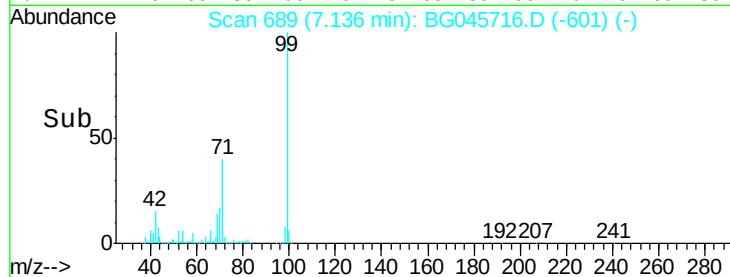
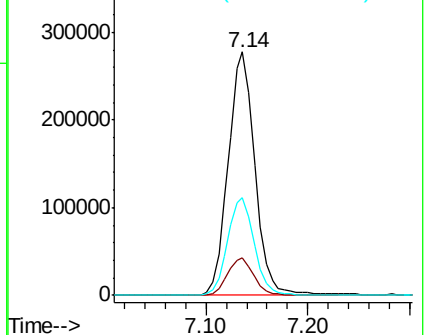
99 100

42 15.4 11.3 16.9

71 40.1 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



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.181 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.46 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

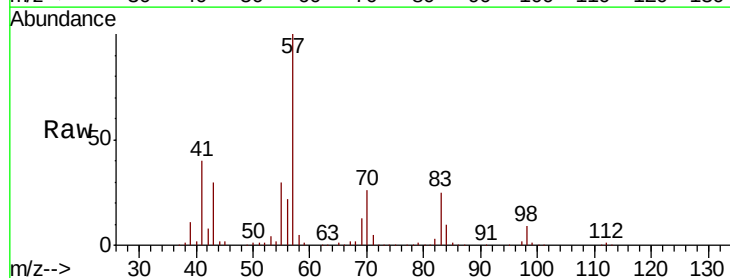
Tgt Ion: 45 Resp: 7456

Ion Ratio Lower Upper

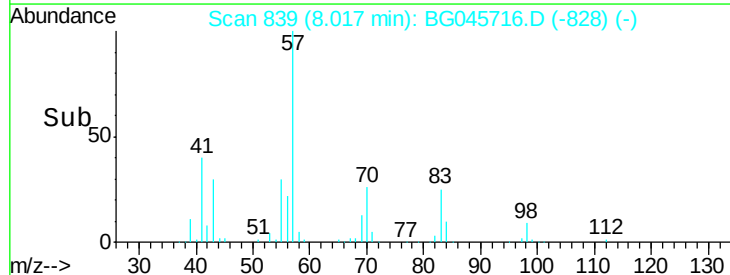
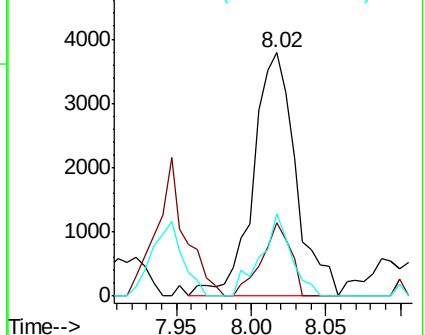
45 100

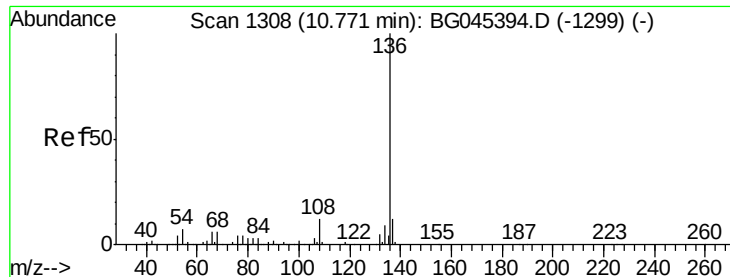
77 29.9 4.0 44.0

79 33.9 0.0 38.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

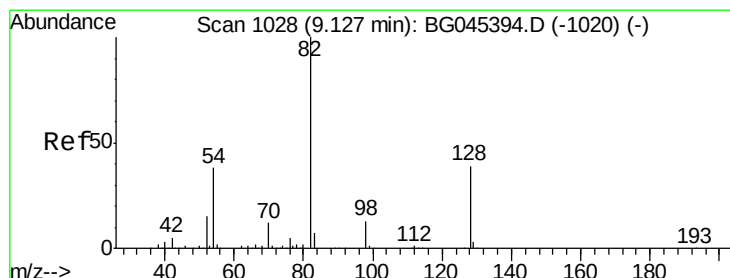
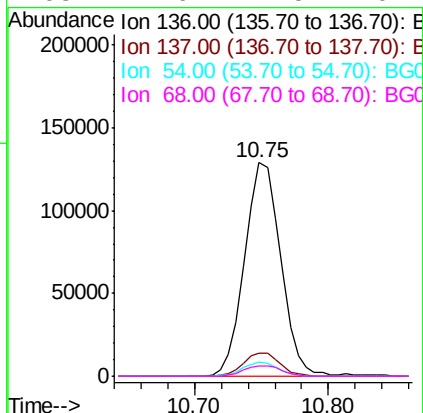
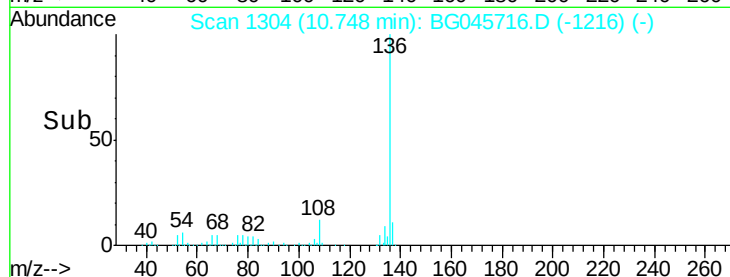
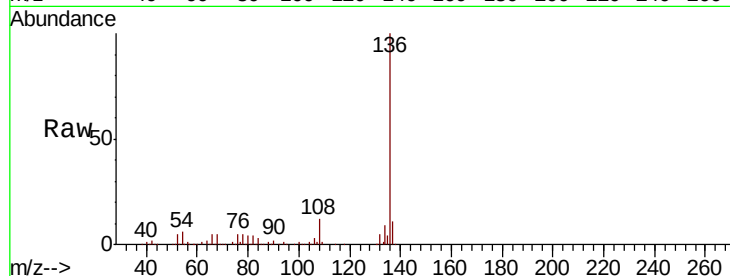




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045716.D
Acq: 11 Jun 2020 10:06

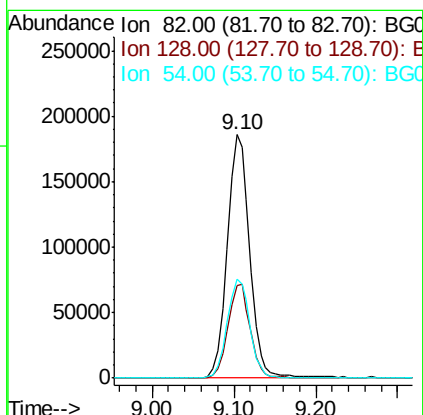
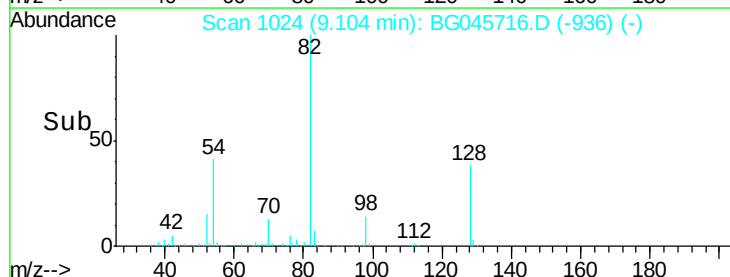
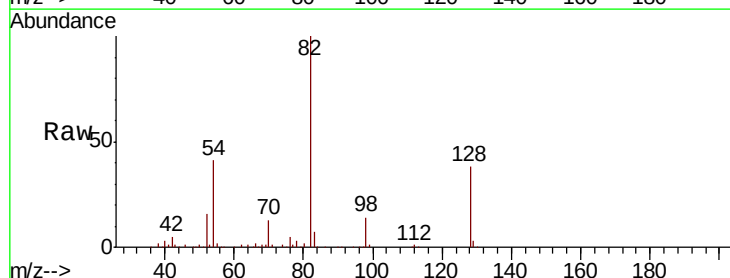
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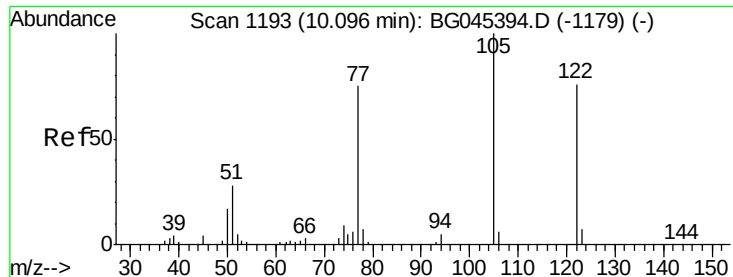
Tot Ion:136	Resp:	241587
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.4	14.2
54 6.4	5.8	8.6
68 4.6	4.5	6.7



#23
Nitrobenzene-d5
Concen: 79.891 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045716.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 82	Resp: 353933
Ion Ratio	Lower Upper
82 100	
128 37.9	30.9 46.3
54 40.5	30.3 45.5

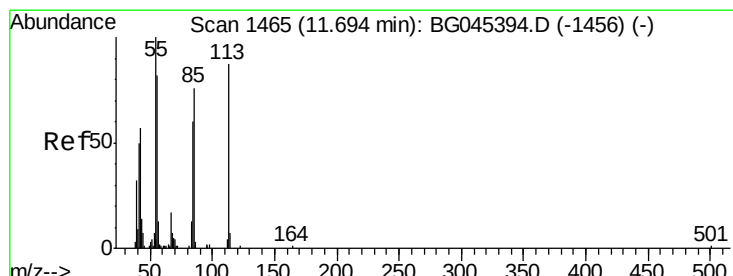
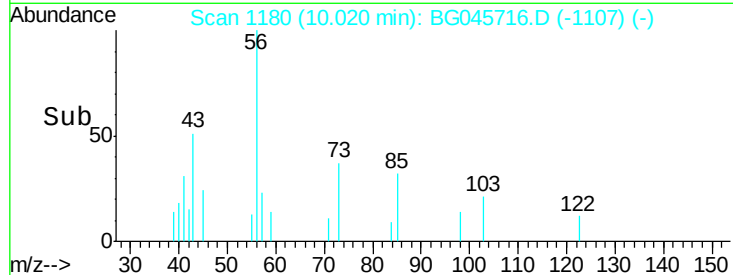
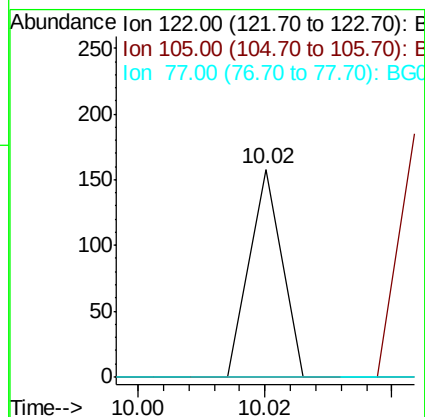
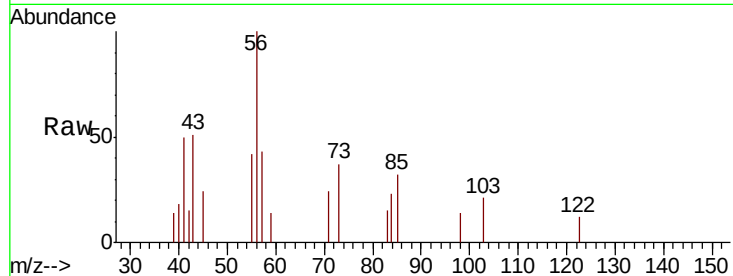




#32
Benzoic acid
Concen: 10.044 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.10 min
Lab File: BG045716.D
Acq: 11 Jun 2020 10:06

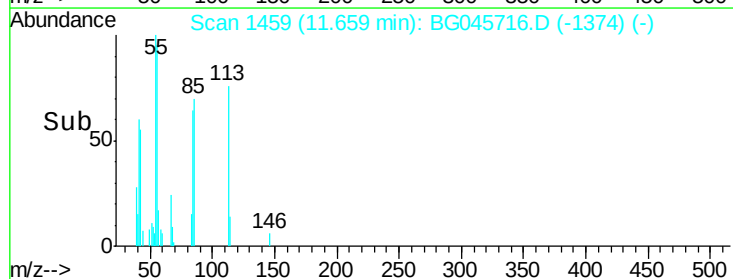
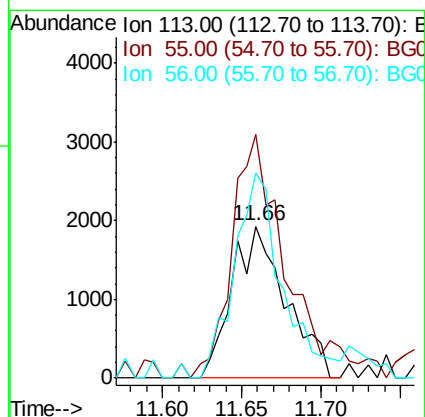
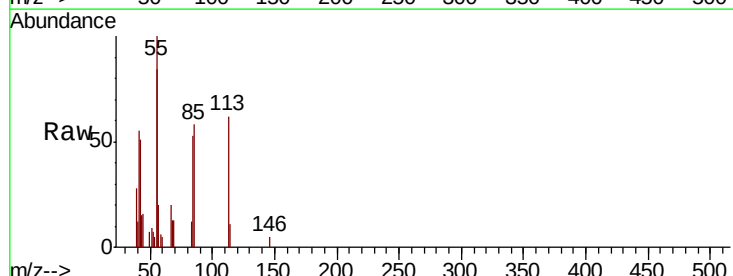
Instrument :
BNA_G
ClientSampleId :
BASEMENT-GRAY-SLAB

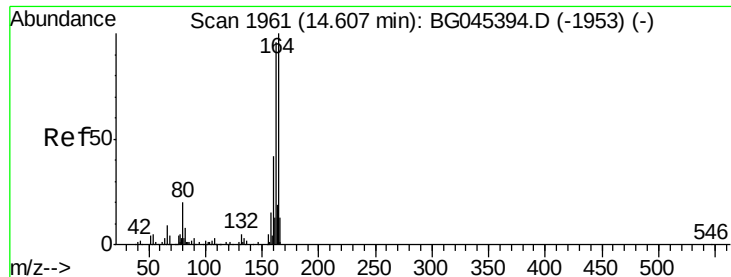
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#



#35
Caprolactam
Concen: 3.491 ng
RT: 11.66 min Scan# 1459
Delta R.T. -0.03 min
Lab File: BG045716.D
Acq: 11 Jun 2020 10:06

Tgt Ion	Ratio	Lower	Upper
113	100		
55	160.2	96.0	136.0#
56	134.8	75.1	115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

Instrument :

BNA_G

ClientSampleId :

BASEMENT-GRAY-SLAB

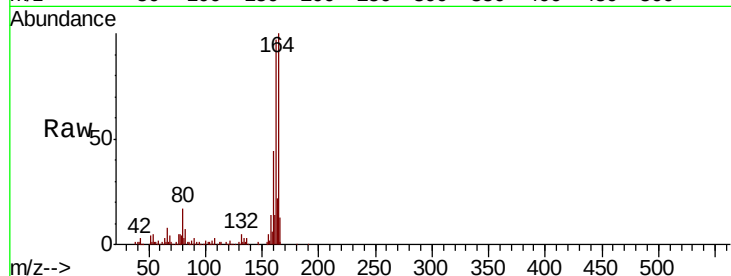
Tot Ion:164 Resp: 159200

Ion Ratio Lower Upper

164 100

162 96.6 76.9 115.3

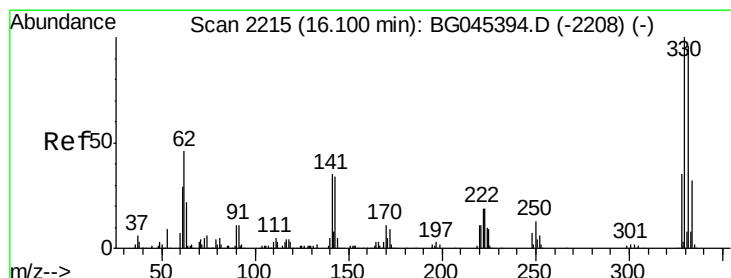
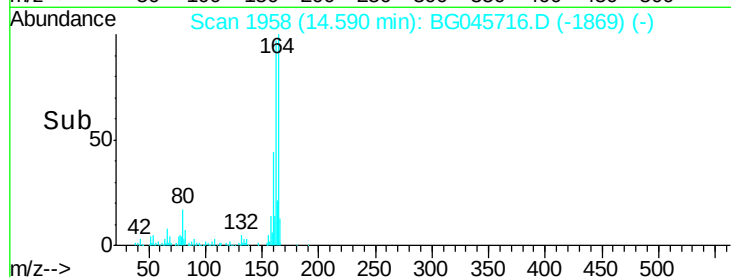
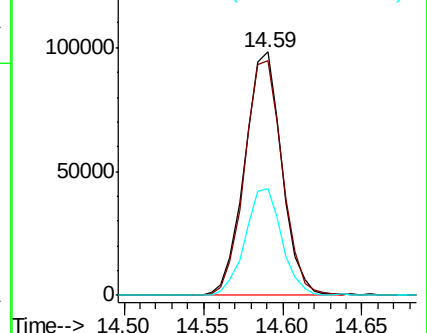
160 44.0 33.8 50.8



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



#42

2,4,6-Tribromophenol

Concen: 91.338 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

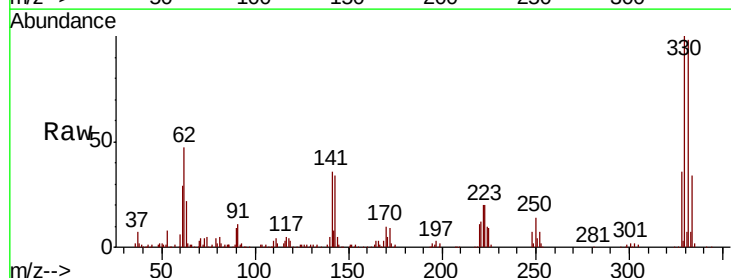
Tgt Ion:330 Resp: 185964

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

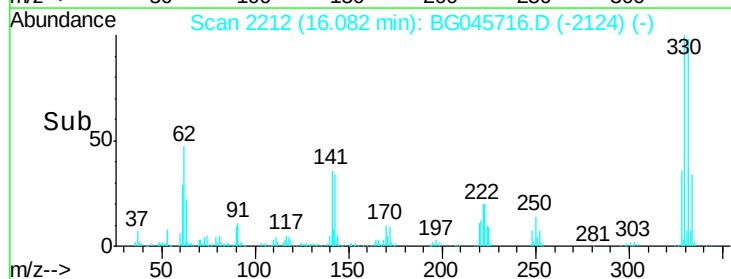
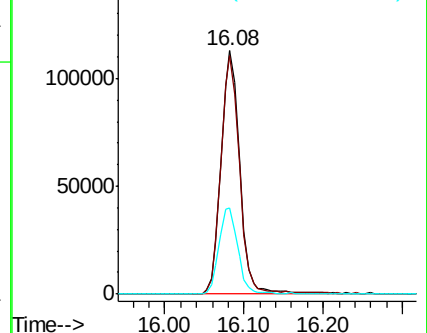
141 35.7 28.2 42.4

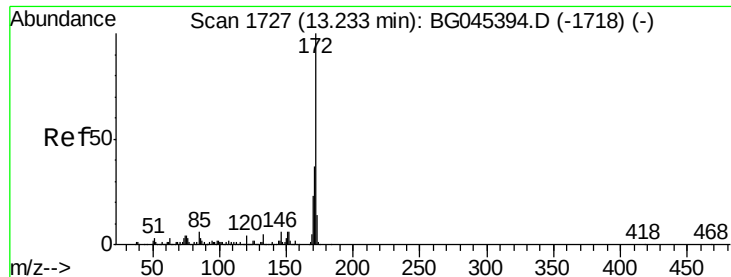


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

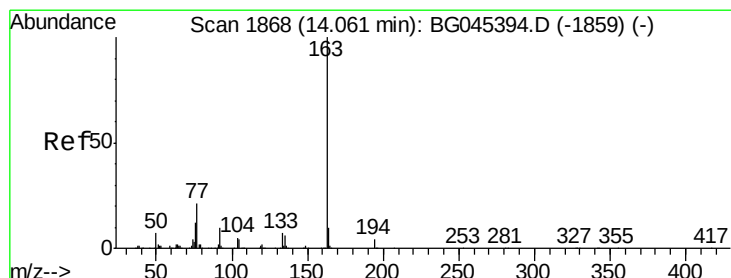
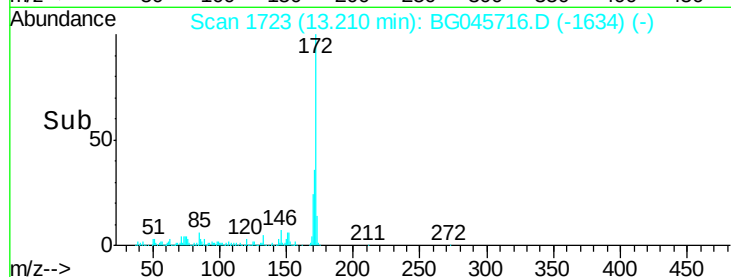
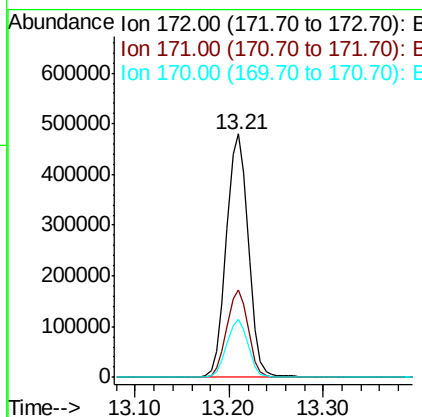
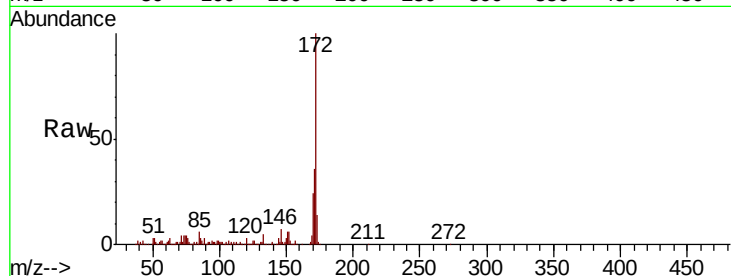




#45
2-Fluorobiphenyl
Concen: 83.474 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045716.D
Acq: 11 Jun 2020 10:06

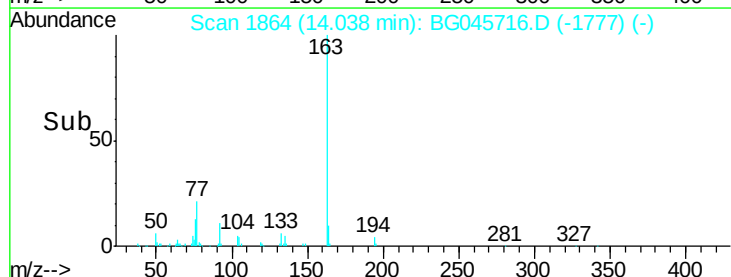
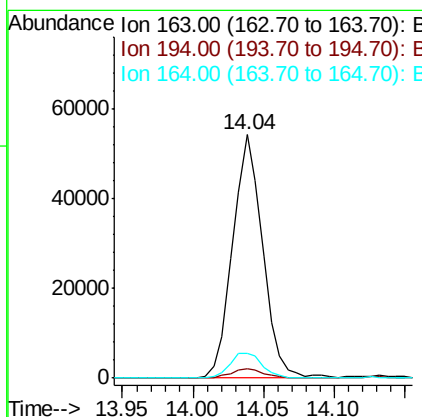
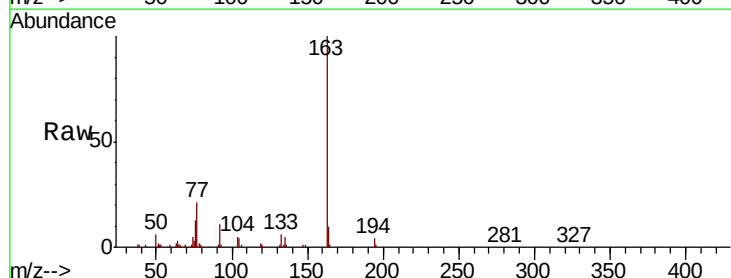
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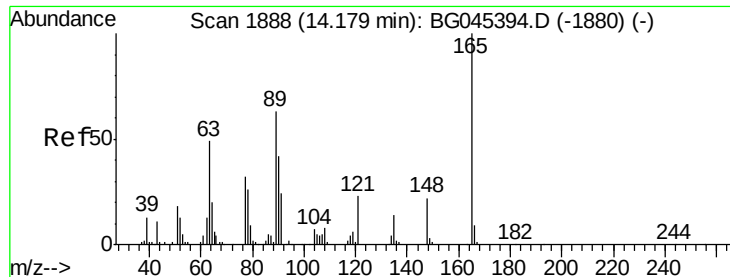
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	23.7	18.5	27.7



#50
Dimethylphthalate
Concen: 7.390 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BG045716.D
Acq: 11 Jun 2020 10:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	8.3	12.5

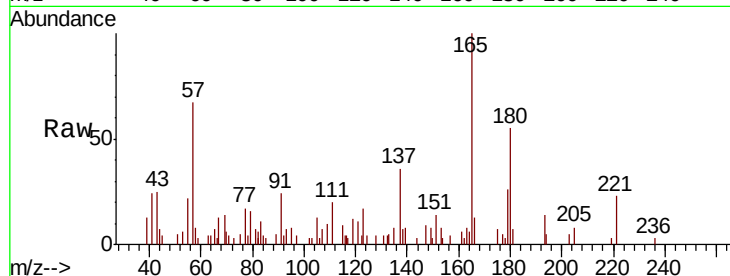




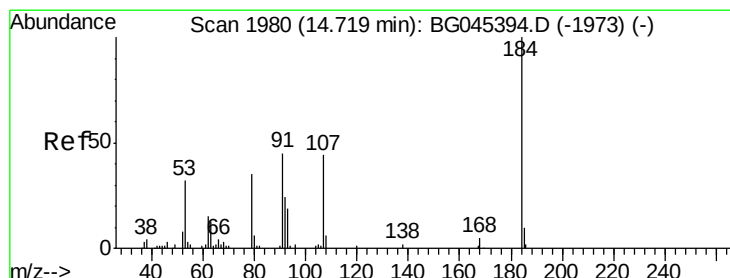
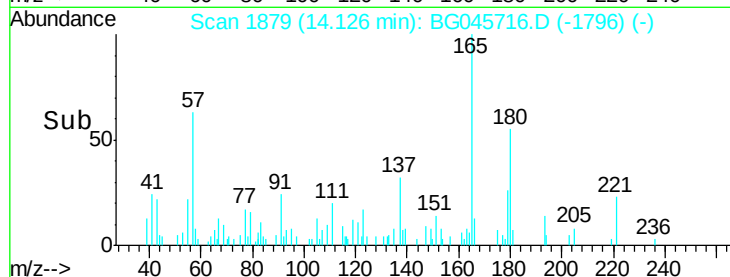
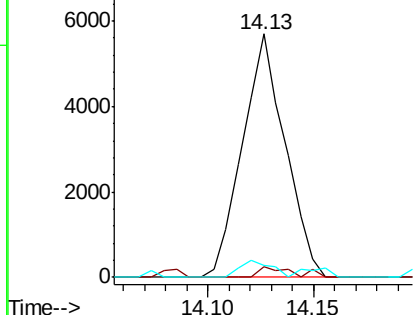
#51
 2,6-Dinitrotoluene
 Concen: 3.239 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.04 min
 Lab File: BG045716.D
 Acq: 11 Jun 2020 10:06

Instrument :
 BNA_G
 ClientSampleId :
 BASEMENT-GRAY-SLAB

Tot Ion	Ratio	Lower	Upper
165	100		
63	4.4	45.0	67.4#
89	4.8	50.2	75.4#

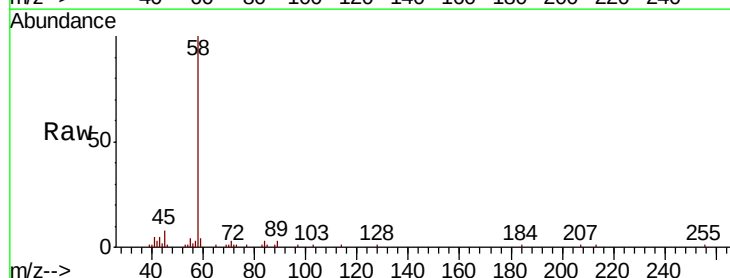


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

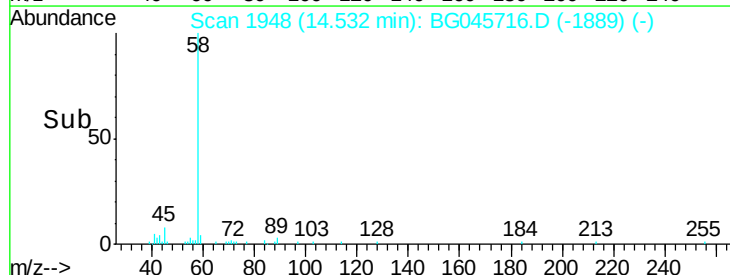
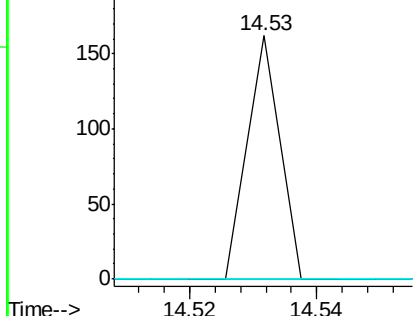


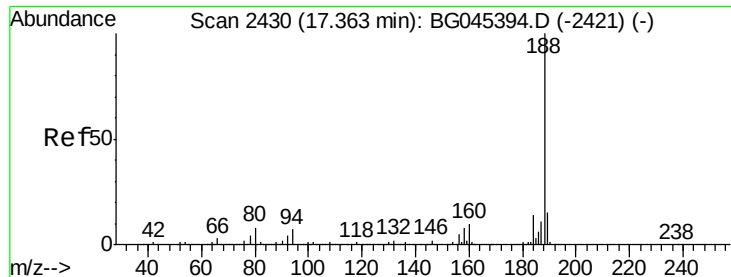
#54
 2,4-Dinitrophenol
 Concen: 5.492 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.18 min
 Lab File: BG045716.D
 Acq: 11 Jun 2020 10:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.8	71.6#
154	0.0	58.3	87.5#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

Instrument :

BNA_G

ClientSampleId :

BASEMENT-GRAY-SLAB

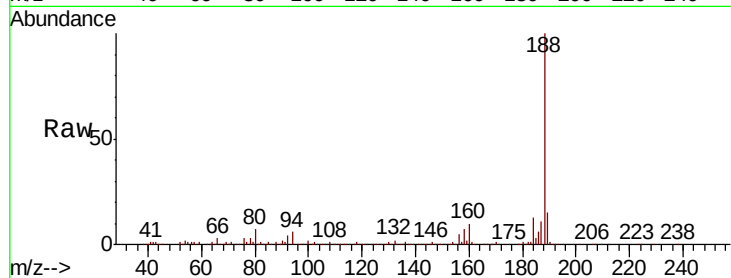
Tot Ion:188 Resp: 324410

Ion Ratio Lower Upper

188 100

94 6.4 5.5 8.3

80 7.3 6.6 10.0

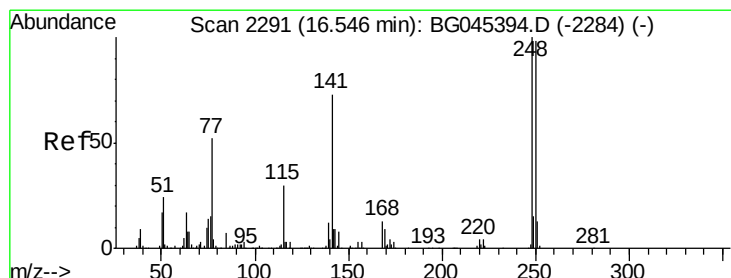
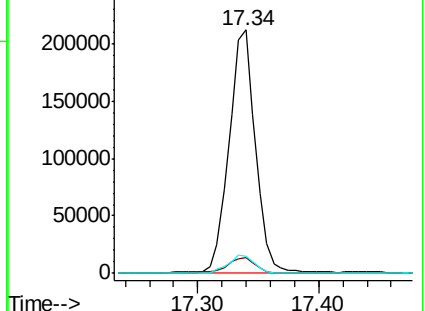
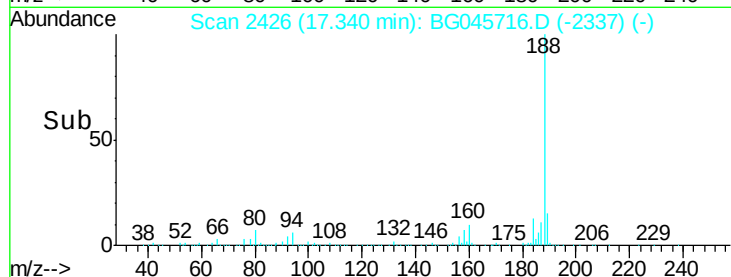


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.591 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.45 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

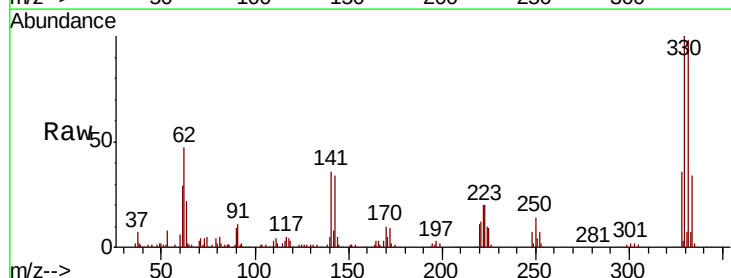
Tgt Ion:248 Resp: 12613

Ion Ratio Lower Upper

248 100

250 208.3 78.6 117.8#

141 522.4 58.2 87.2#

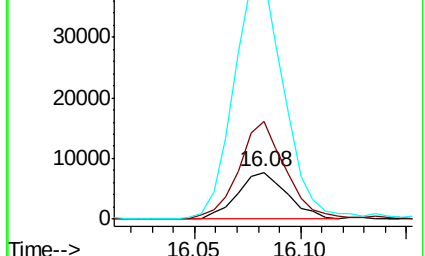
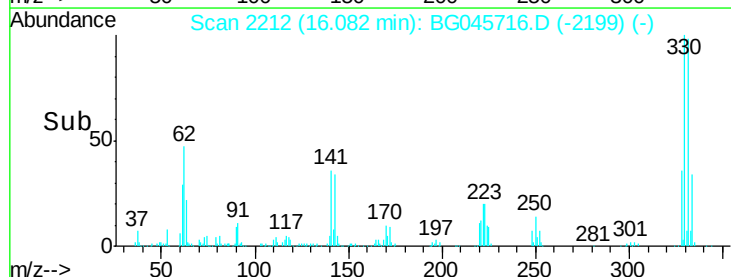


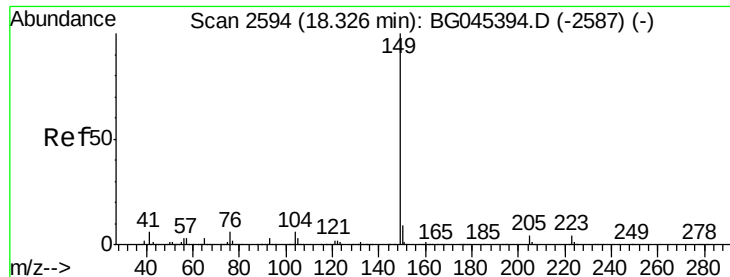
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#74

Di-n-butylphthalate

Concen: 11.820 ng

RT: 18.30 min Scan# 2589

Delta R.T. -0.01 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

Instrument :

BNA_G

ClientSampleId :

BASEMENT-GRAY-SLAB

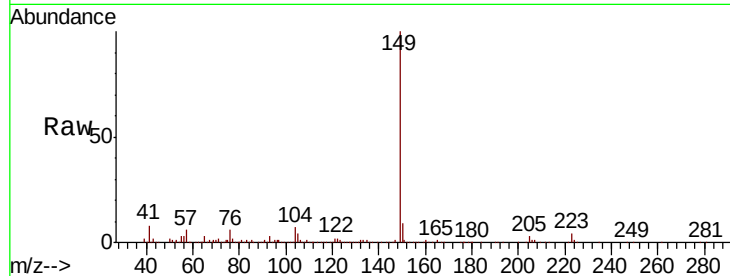
Tot Ion:149 Resp: 196683

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

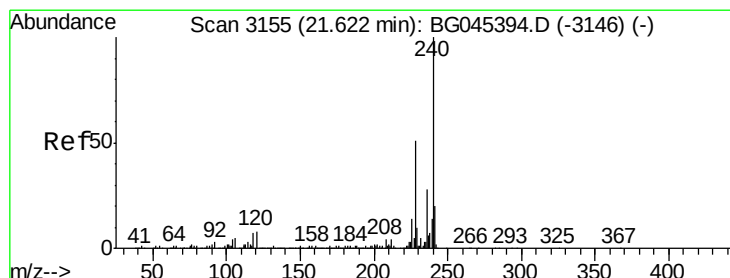
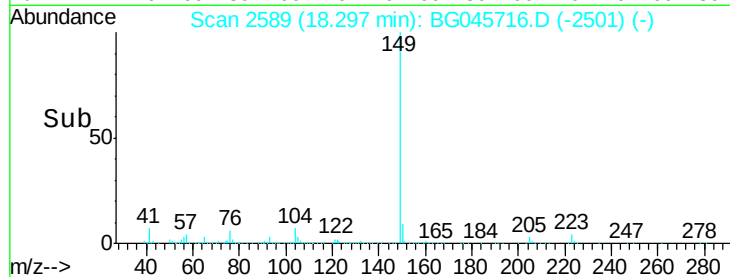
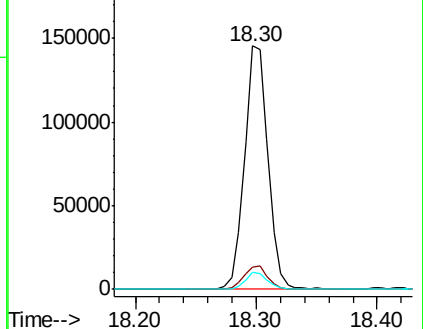
104 7.1 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

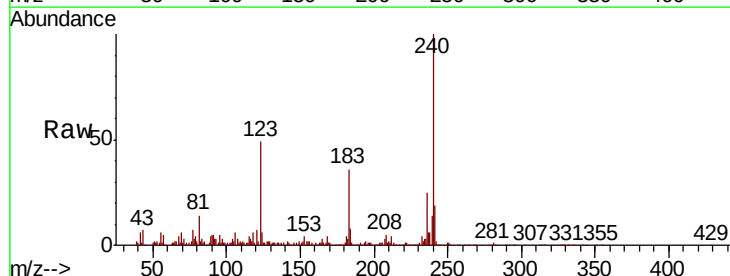
Tgt Ion:240 Resp: 297224

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

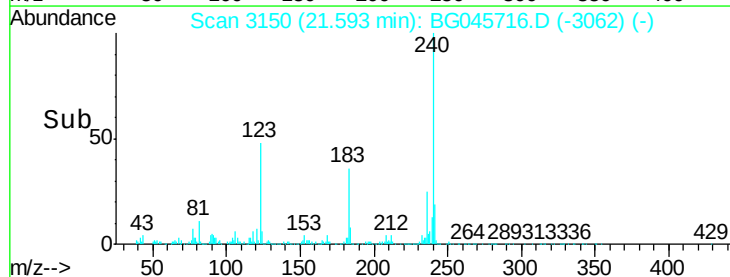
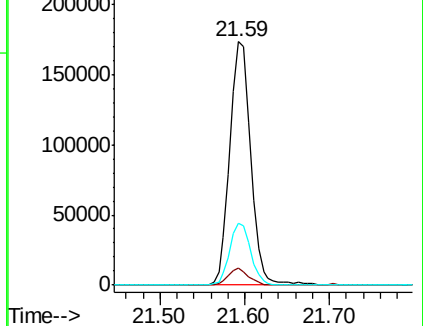
236 25.2 22.3 33.5

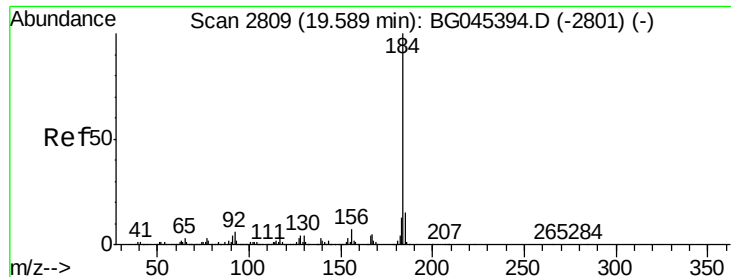


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.382 ng

RT: 19.31 min Scan# 2761

Delta R.T. -0.27 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

Instrument :

BNA_G

ClientSampleId :

BASEMENT-GRAY-SLAB

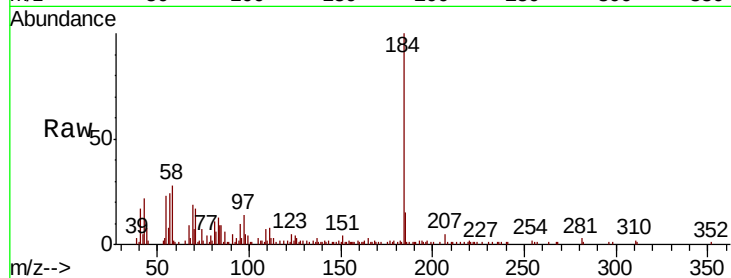
Tot Ion:184 Resp: 44924

Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

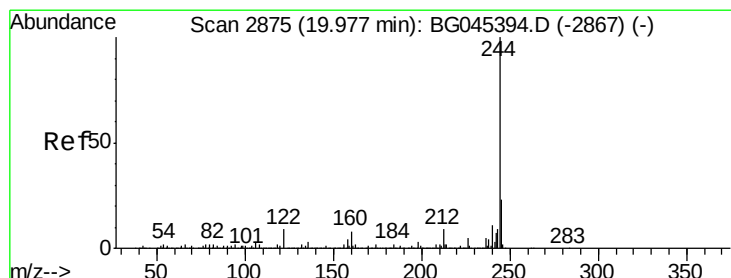
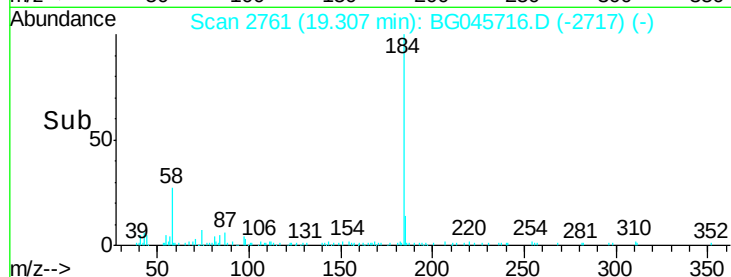
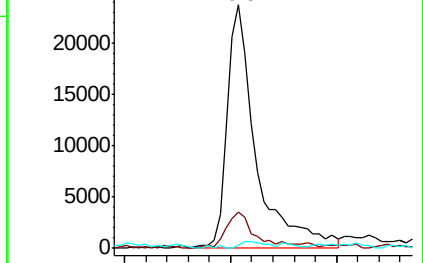
183 1.4 10.2 15.4#



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: 84.385 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

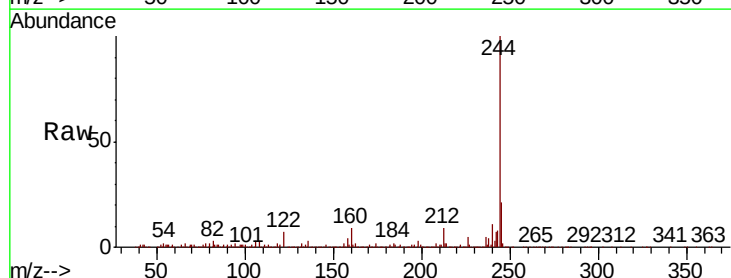
Tgt Ion:244 Resp: 1075385

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.0

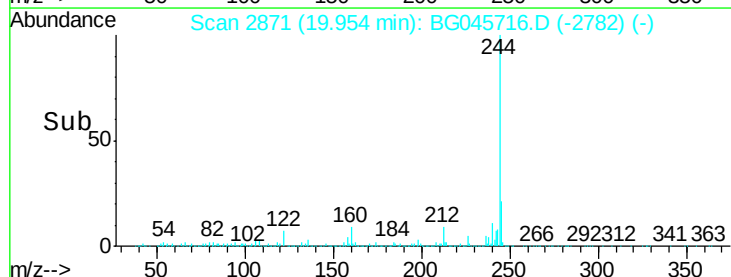
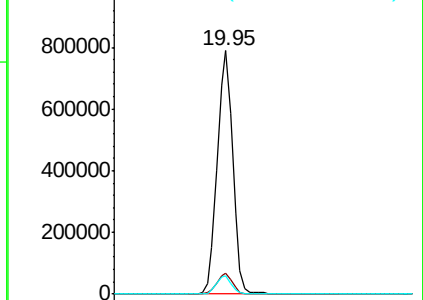
122 7.5 6.8 10.2

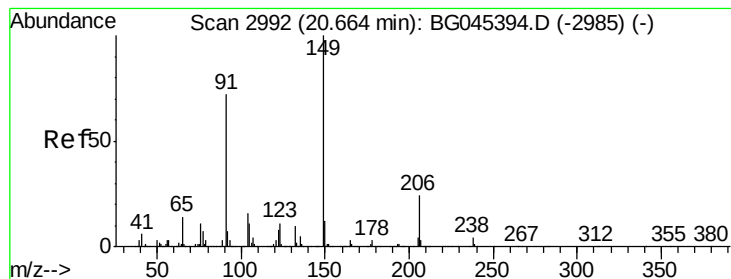


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 78.940 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

Instrument :

BNA_G

ClientSampleId :

BASEMENT-GRAY-SLAB

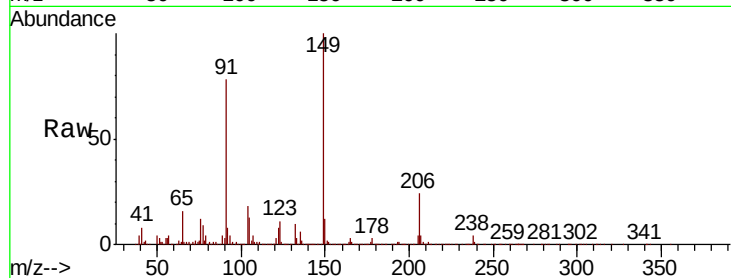
Tot Ion:149 Resp: 577299

Ion Ratio Lower Upper

149 100

91 78.4 57.8 86.6

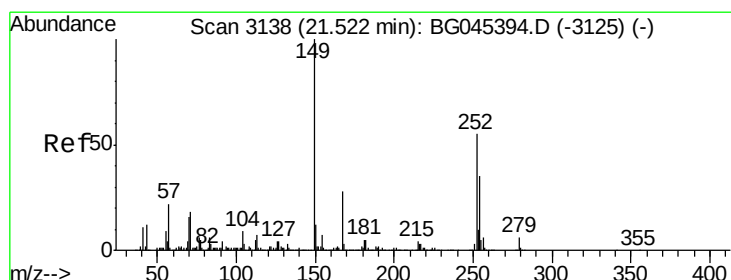
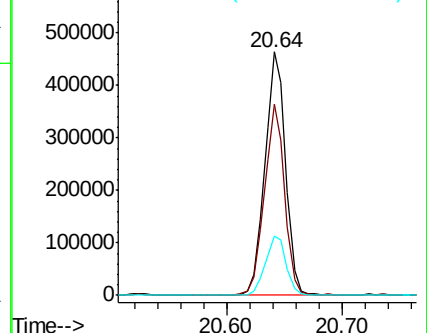
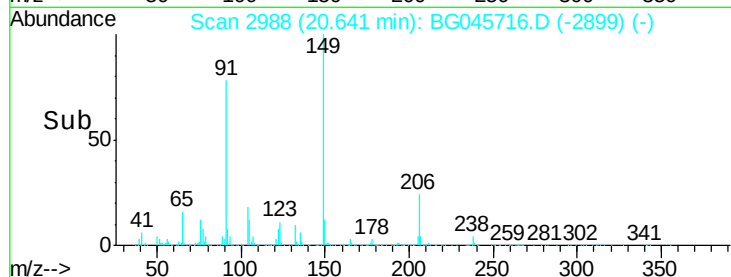
206 24.3 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.321 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

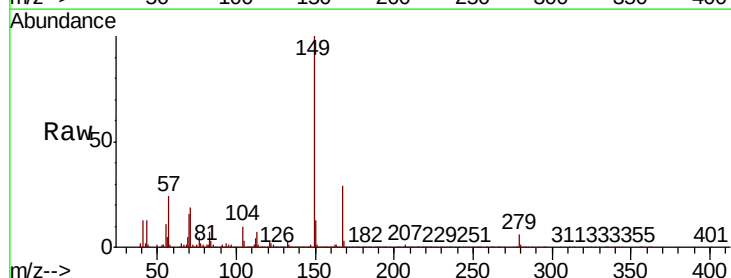
Tgt Ion:149 Resp: 747134

Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.2

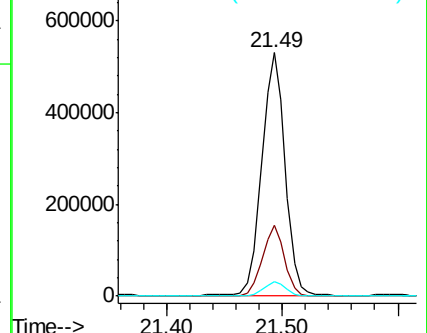
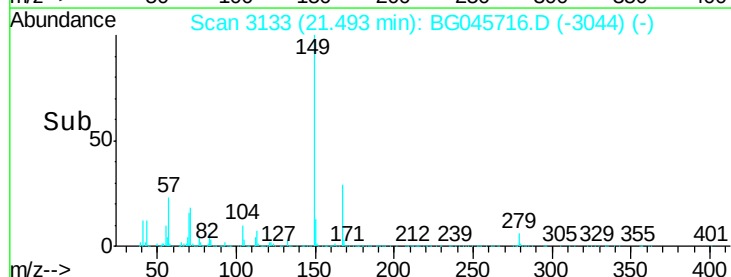
279 5.8 4.7 7.1

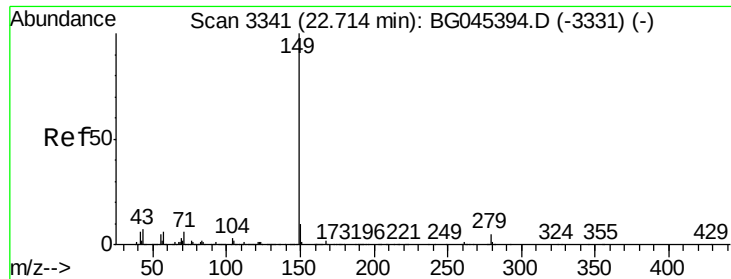


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 2.078 ng

RT: 22.67 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

Instrument :

BNA_G

ClientSampleId :

BASEMENT-GRAY-SLAB

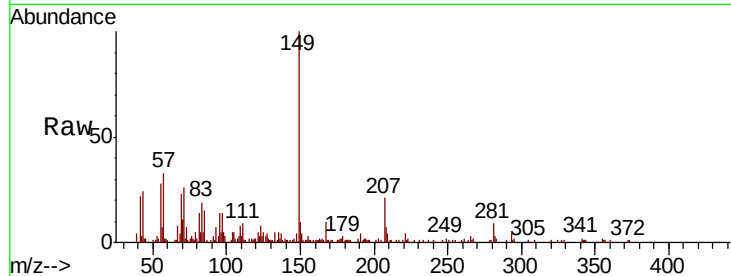
Tot Ion:149 Resp: 35877

Ion Ratio Lower Upper

149 100

167 7.7 1.4 2.0#

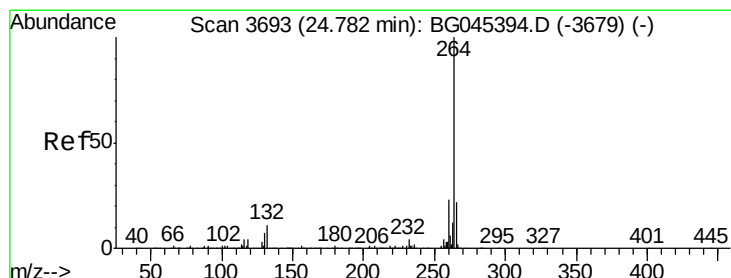
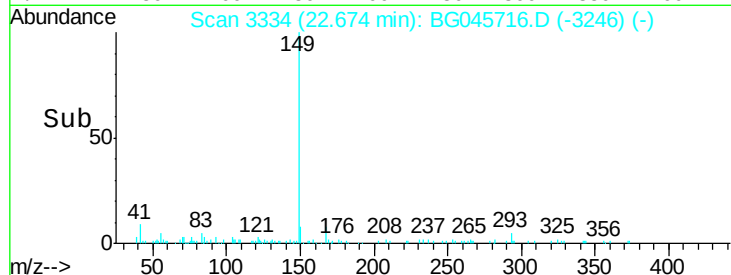
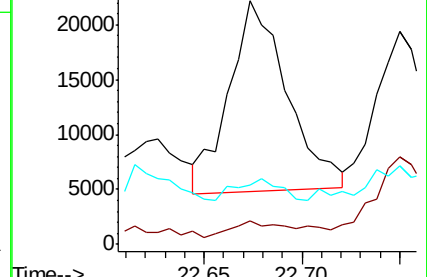
43 8.3 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045716.D

Acq: 11 Jun 2020 10:06

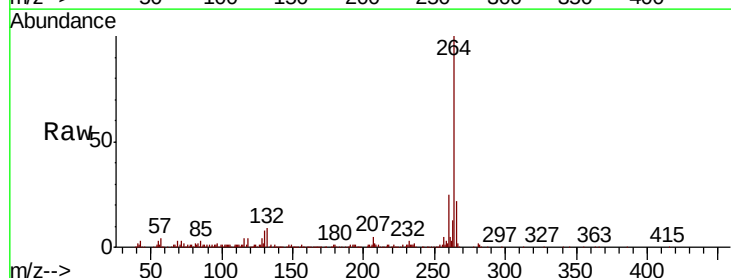
Tgt Ion:264 Resp: 338742

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 22.4 17.6 26.4



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

