

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 11:07:25 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

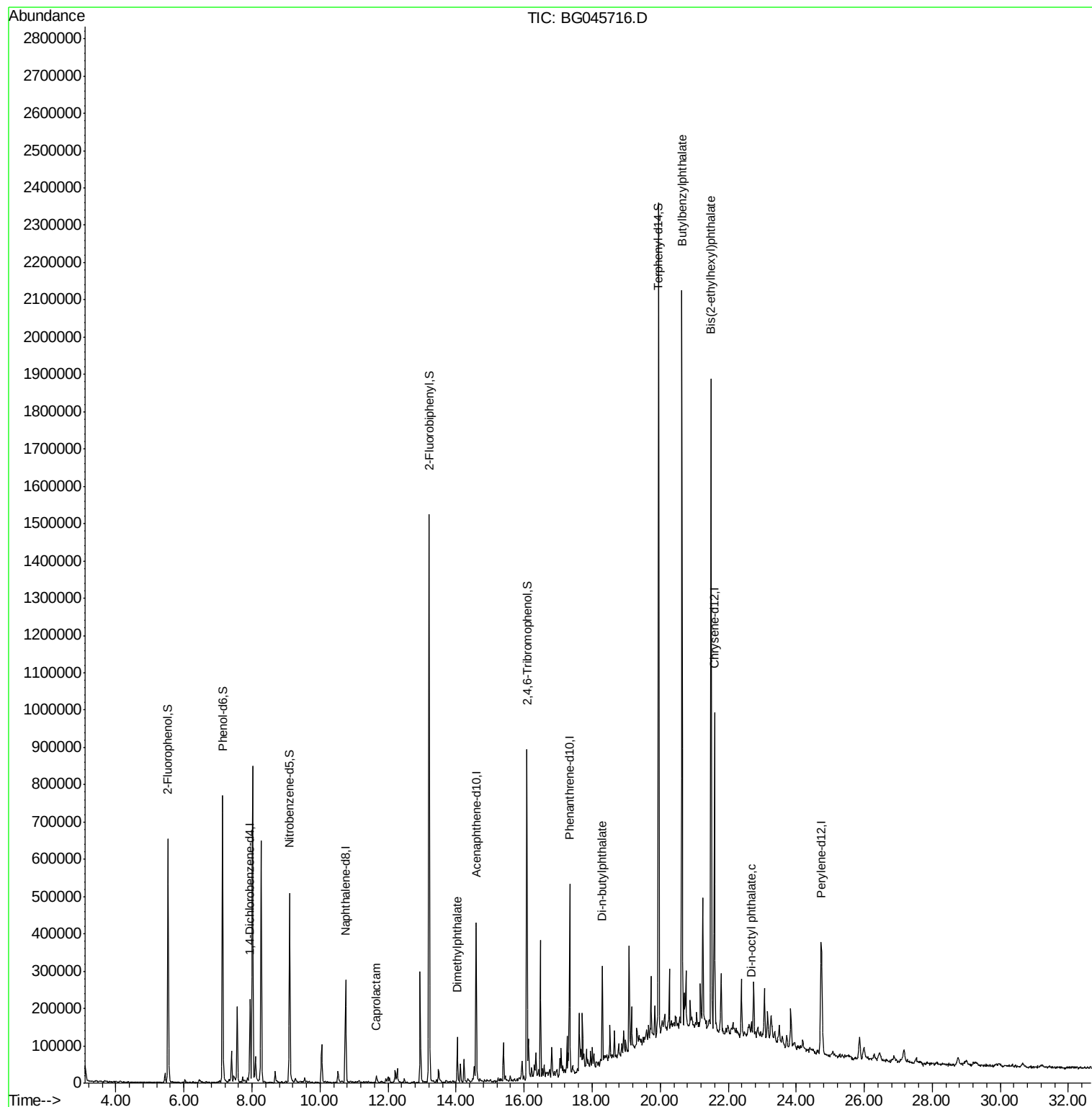
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61524	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	241587	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	159200	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	324410	20.00	ng	0.00
76) Chrysene-d12	21.59	240	297224	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						
35) Caprolactam	11.66	113	4557	3.491	ng	Qvalue # 59
50) Dimethylphthalate	14.04	163	80703	7.390	ng	99
74) Di-n-butylphthalate	18.30	149	196683	11.820	ng	99
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

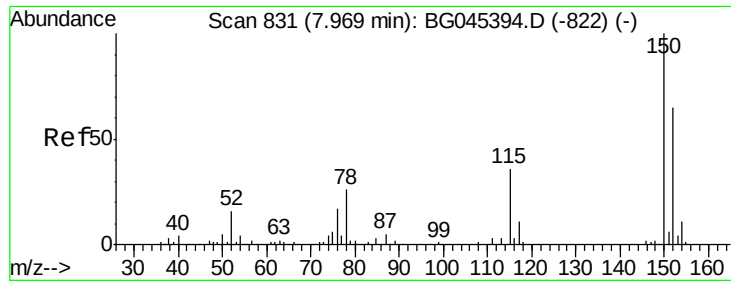
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration



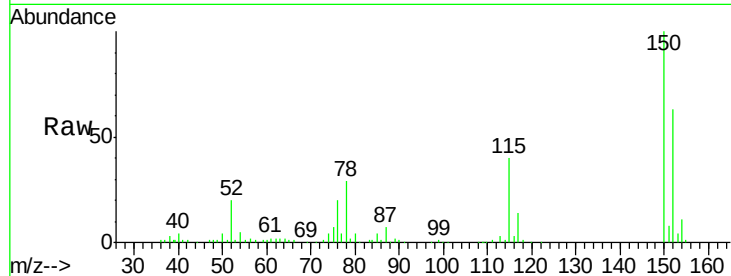


#1

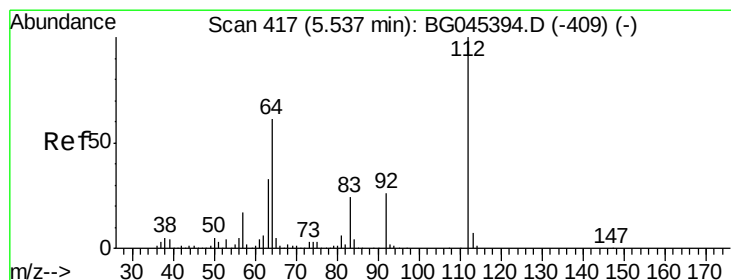
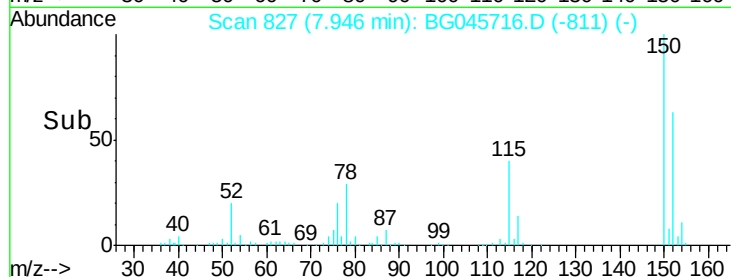
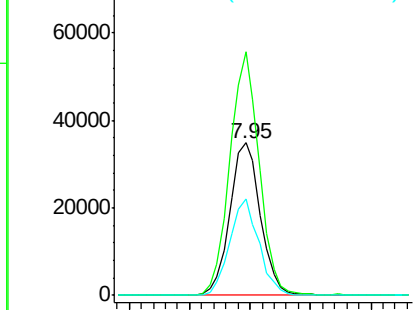
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045716.D
Acq: 11 Jun 2020 10:06

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



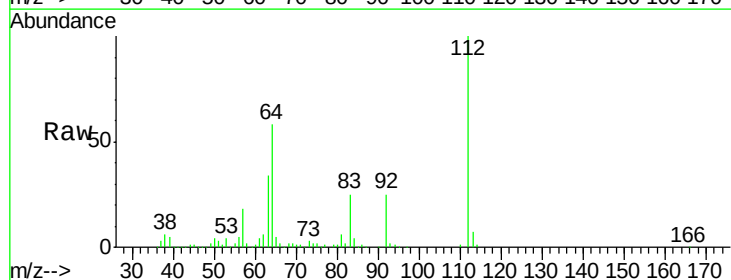
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



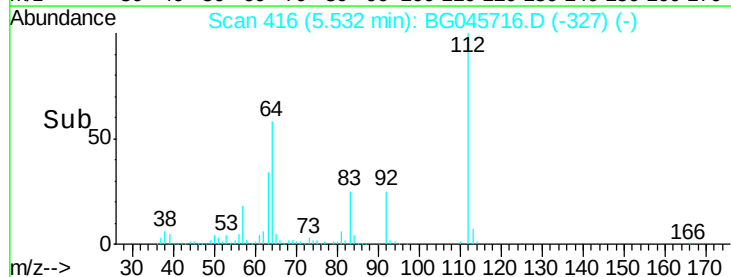
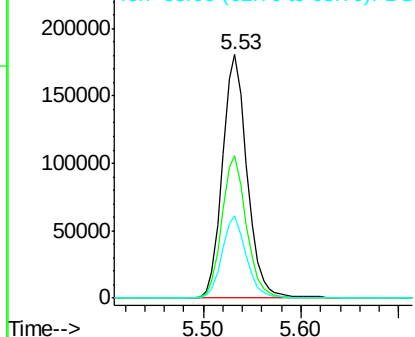
#5

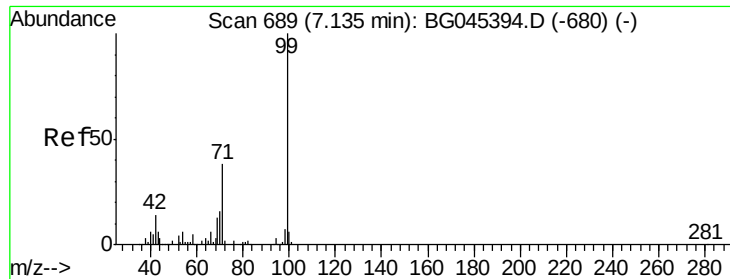
2-Fluorophenol
Concen: 100.211 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045716.D
Acq: 11 Jun 2020 10:06

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

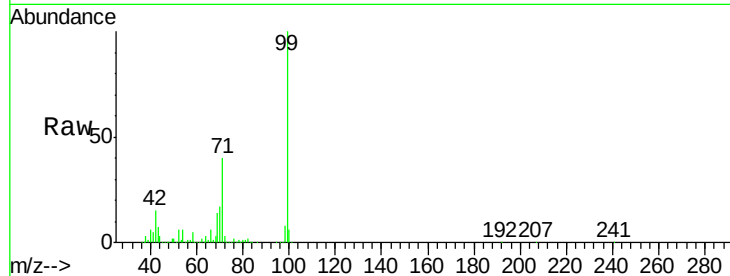
Tot Ion: 99 Resp: 507420

Ion Ratio Lower Upper

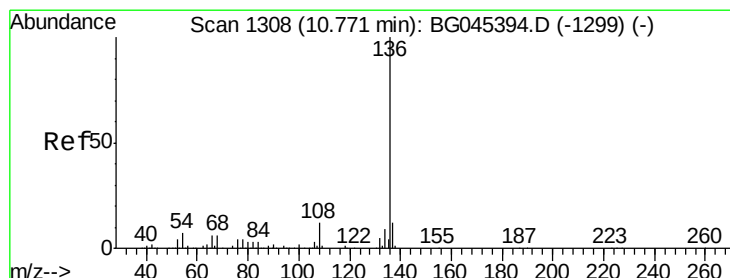
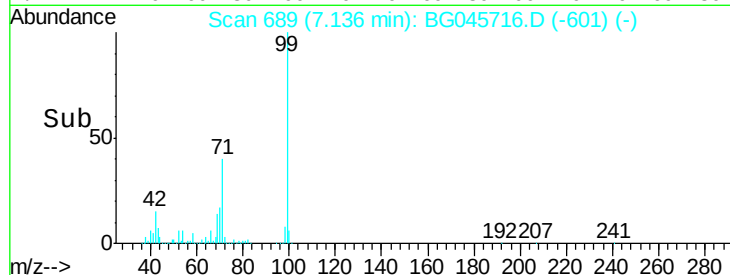
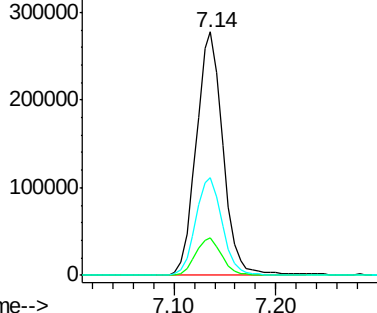
99 100

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



#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

Tgt Ion: 136 Resp: 241587

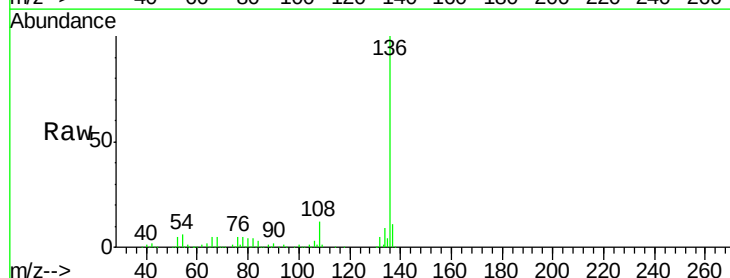
Ion Ratio Lower Upper

136 100

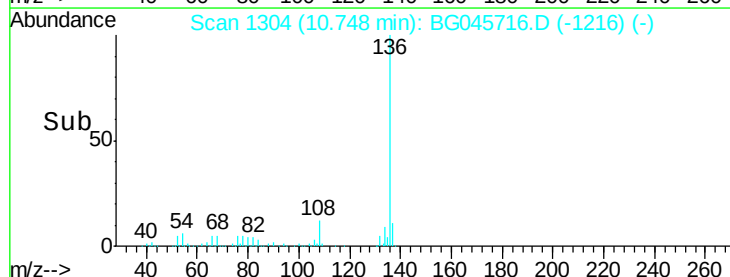
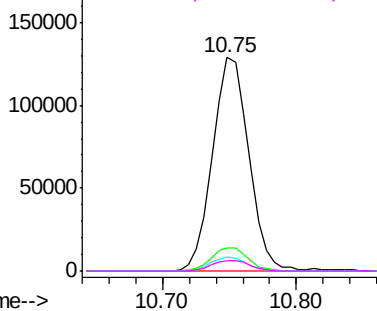
137 10.8 9.4 14.2

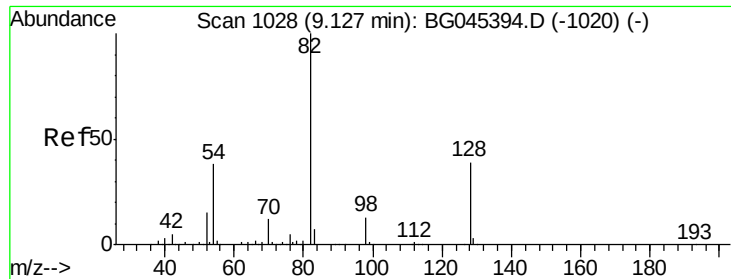
54 6.4 5.8 8.6

68 4.6 4.5 6.7



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

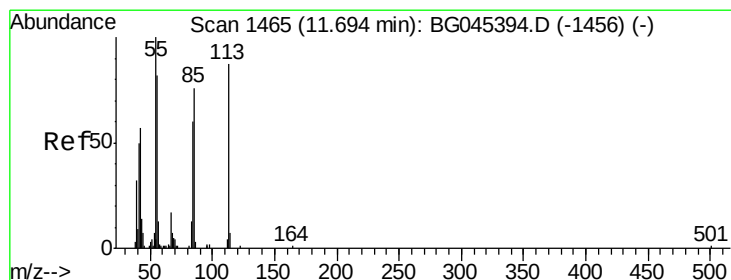
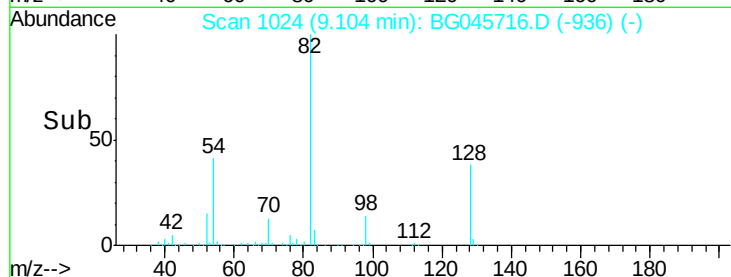
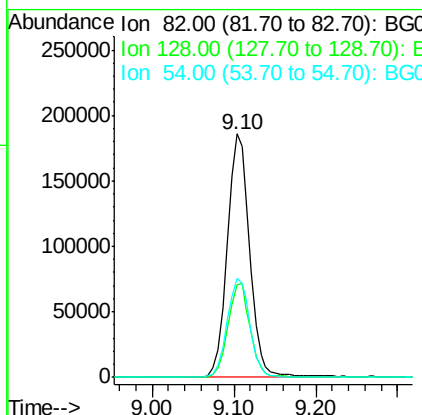
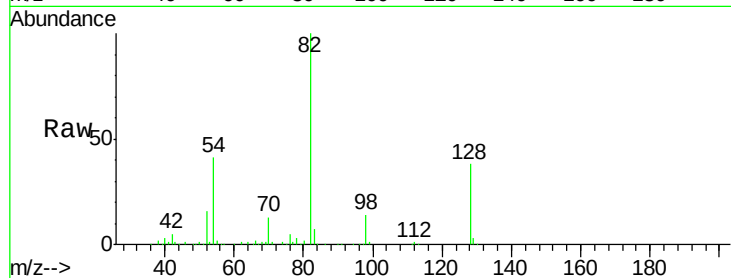




#23
 Nitrobenzene-d5
 Concen: 79.891 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045716.D
 Acq: 11 Jun 2020 10:06

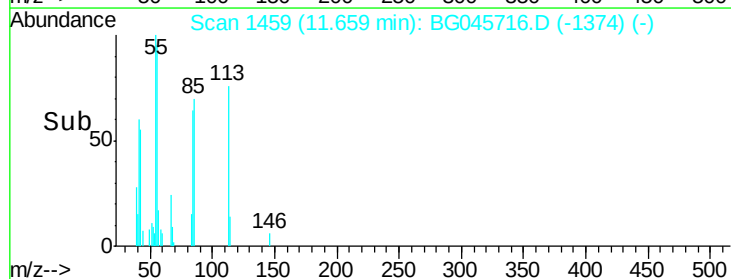
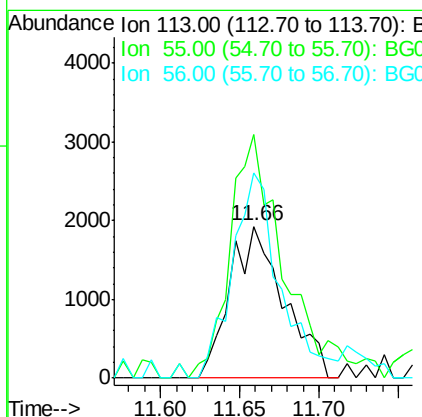
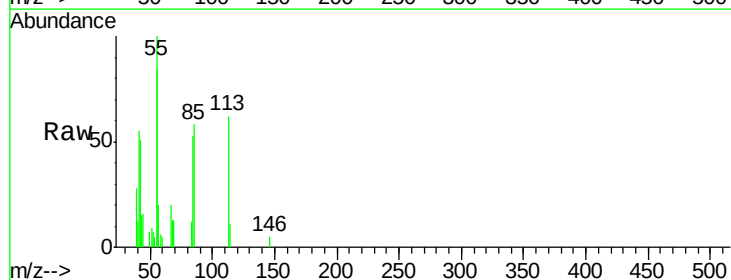
Instrument :
 BNA_G
 ClientSampleId :
 BASEMENT-GRAY-SLAB

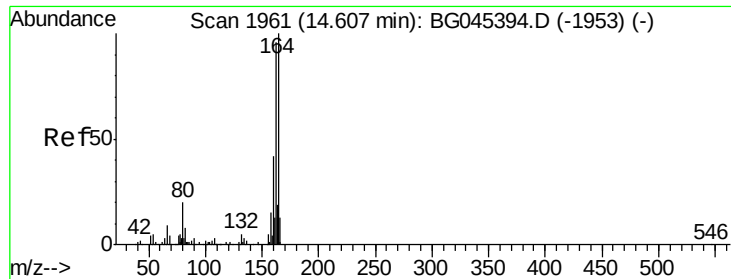
Tot Ion	82	Resp	353933
Ion Ratio	Lower	Upper	
82	100		
128	37.9	30.9	46.3
54	40.5	30.3	45.5



#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	113	Resp	4557
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

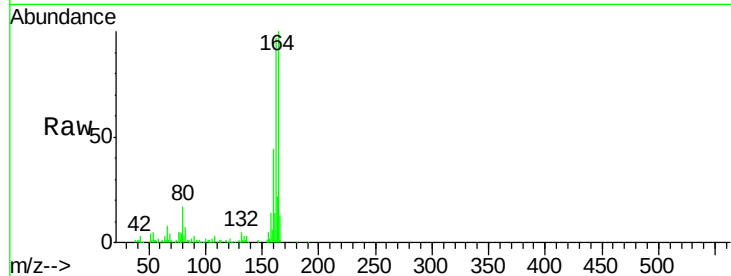
Tot Ion:164 Resp: 159200

Ion Ratio Lower Upper

164 100

162 96.6 76.9 115.3

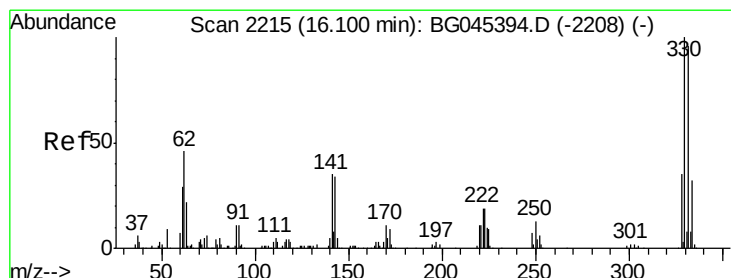
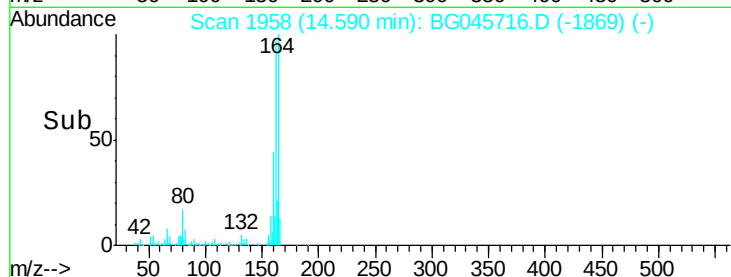
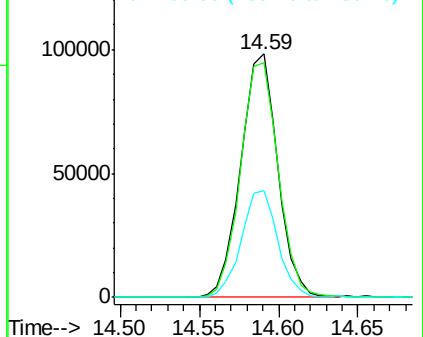
160 44.0 33.8 50.8



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

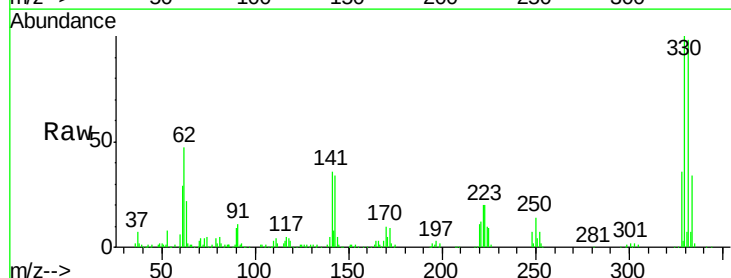
Tgt Ion:330 Resp: 185964

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

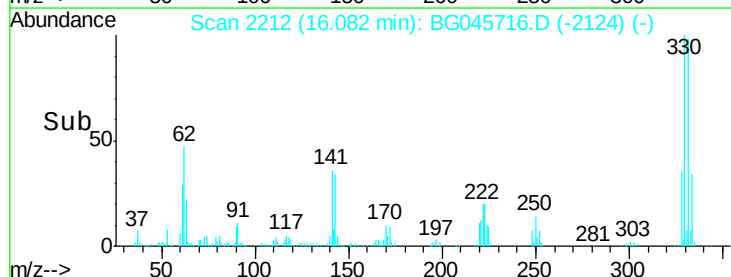
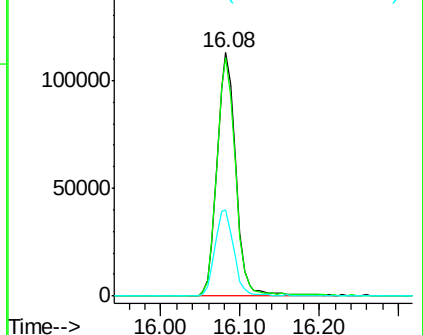
141 35.7 28.2 42.4

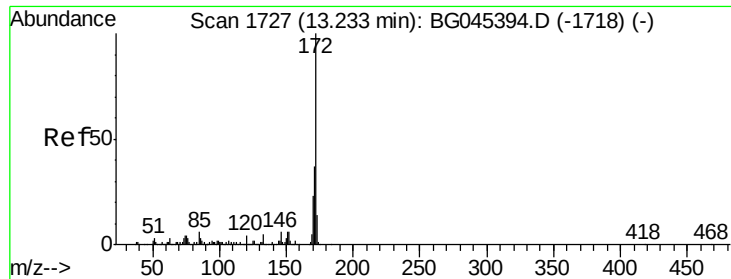


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

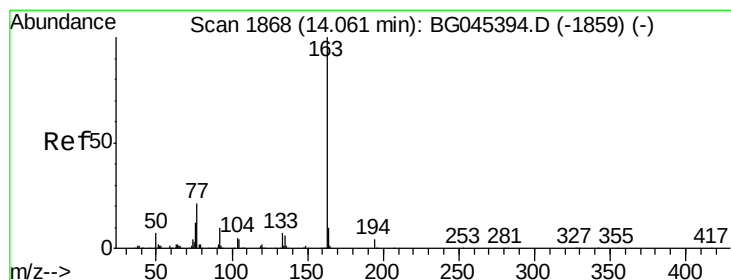
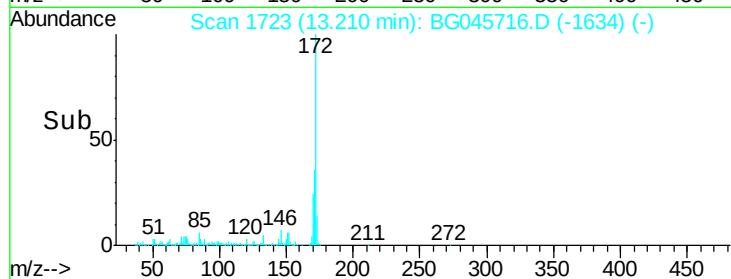
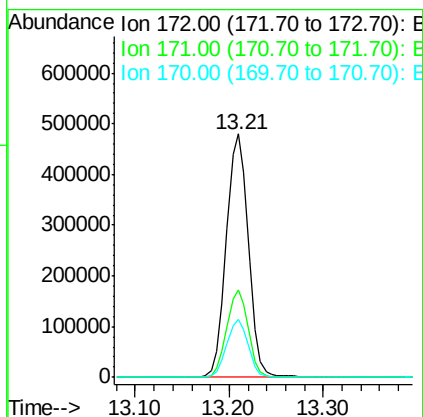
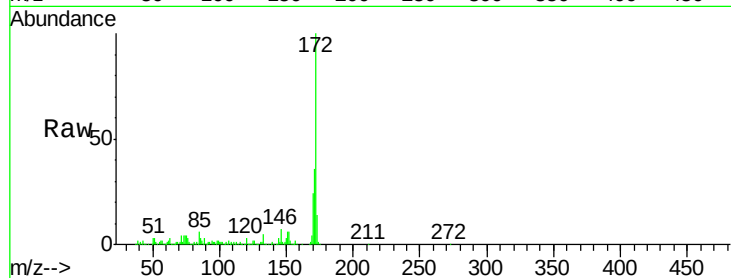




#45
2-Fluorobiphenyl
Concen: 83.474 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045716.D
Acq: 11 Jun 2020 10:06

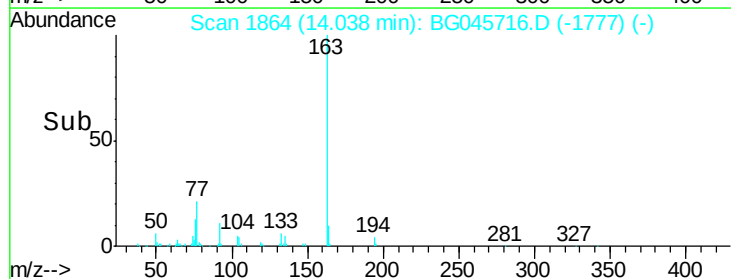
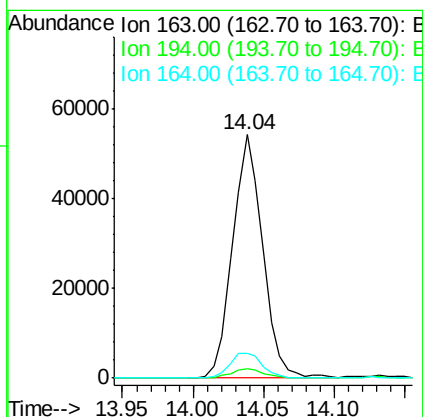
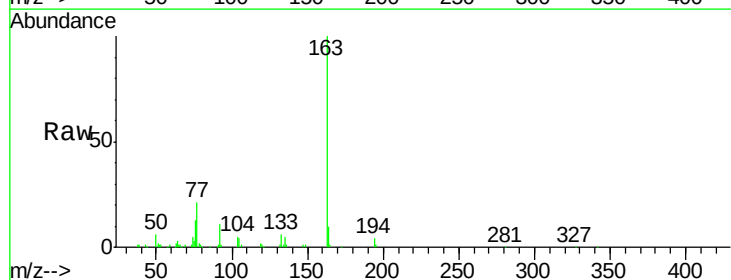
Instrument :
BNA_G
ClientSampleId :
BASEMENT-GRAY-SLAB

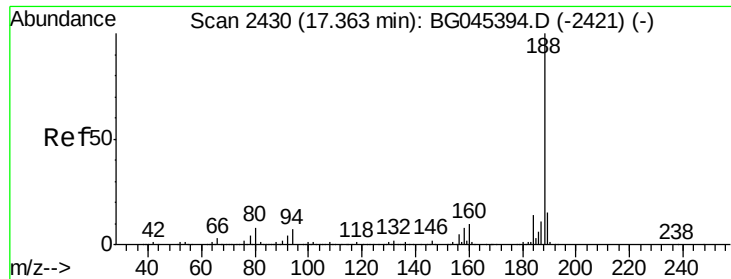
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	23.7	18.5	27.7



#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





#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

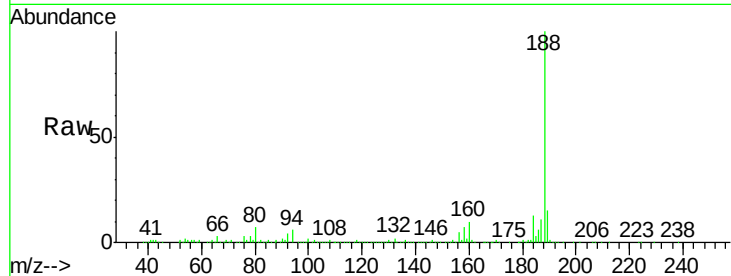
Tot Ion:188 Resp: 324410

Ion Ratio Lower Upper

188 100

94 6.4 5.5 8.3

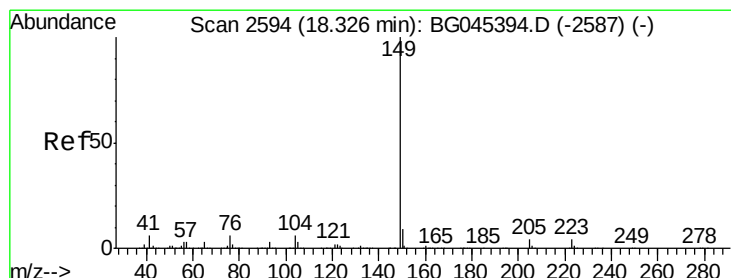
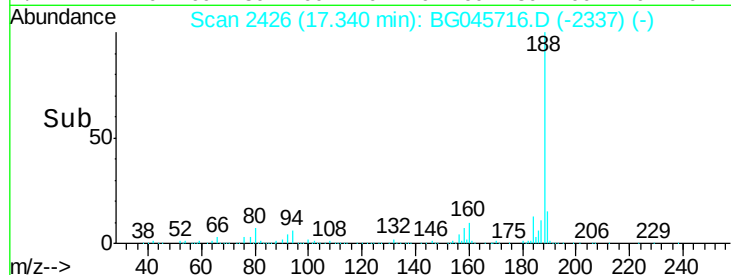
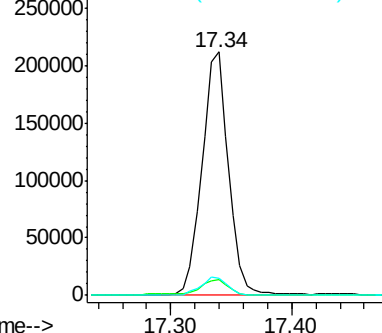
80 7.3 6.6 10.0



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



#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

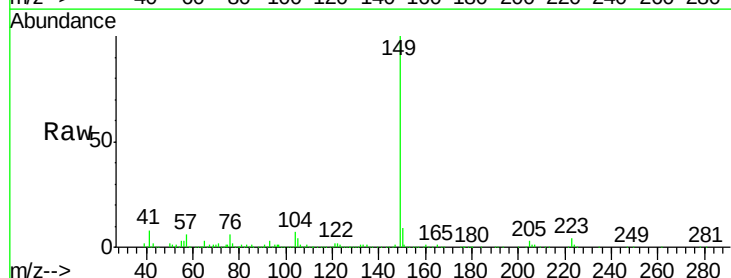
Tgt Ion:149 Resp: 196683

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

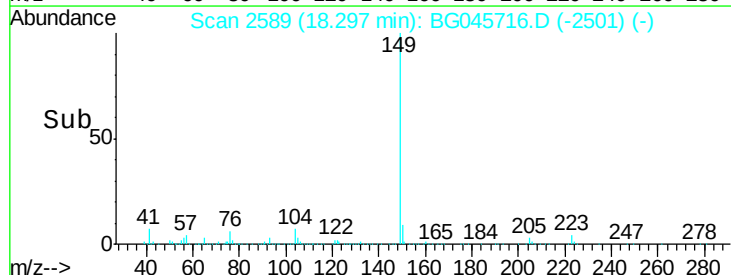
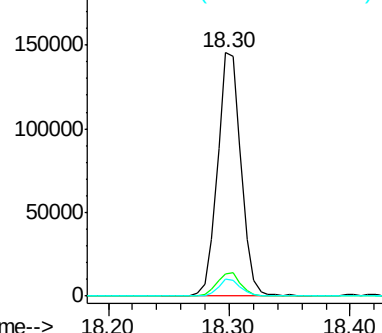
104 7.1 5.0 7.4

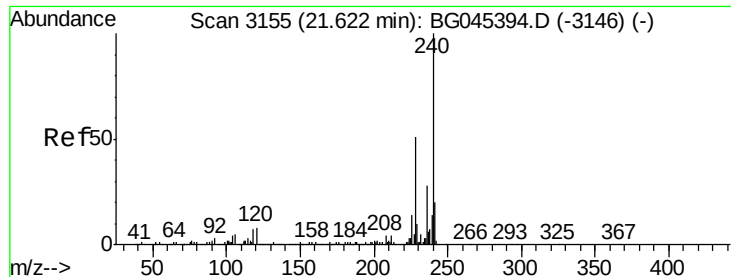


Abundance Ion 149.00 (148.70 to 149.70): E

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

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ClientSampleId :

BASEMENT-GRAY-SLAB

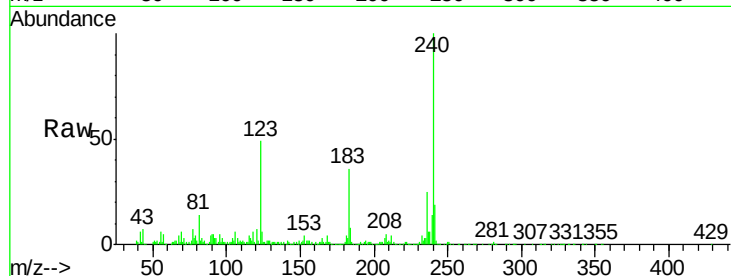
Tot Ion:240 Resp: 297224

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

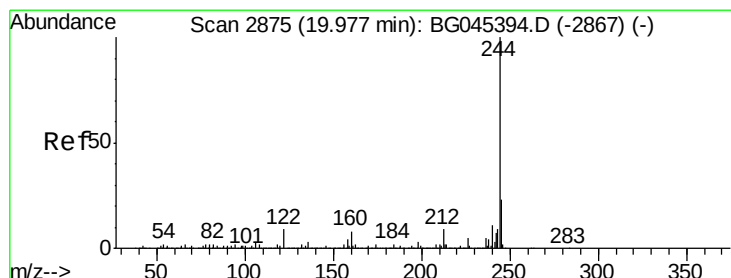
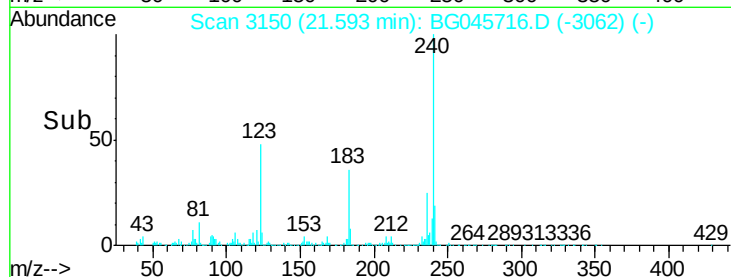
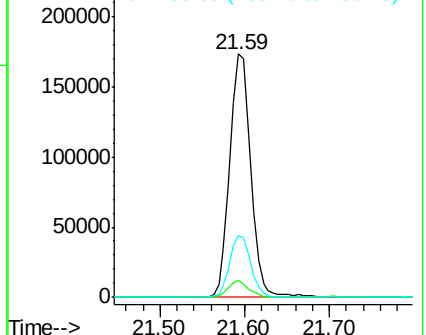
236 25.2 22.3 33.5



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



#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

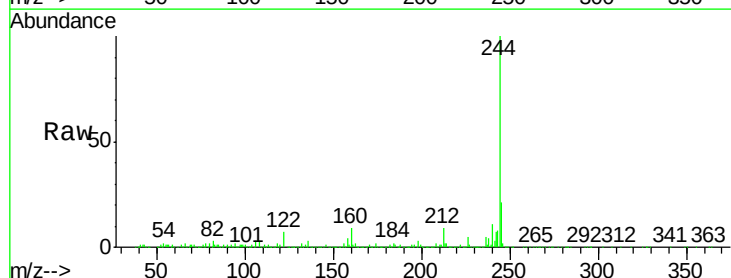
Tgt Ion:244 Resp: 1075385

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.0

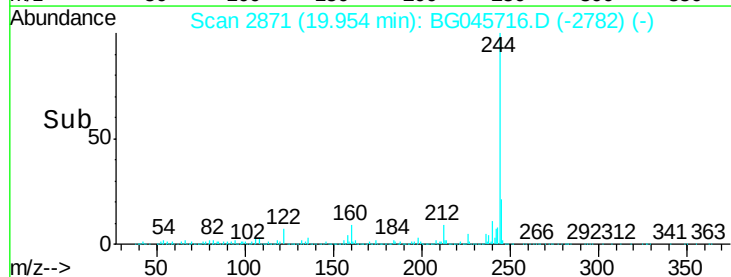
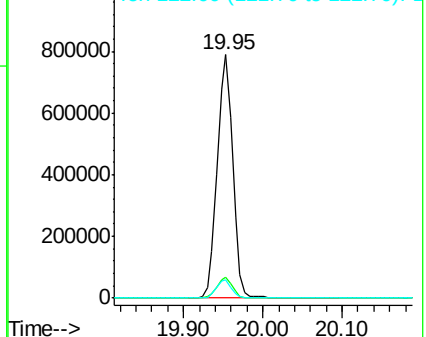
122 7.5 6.8 10.2

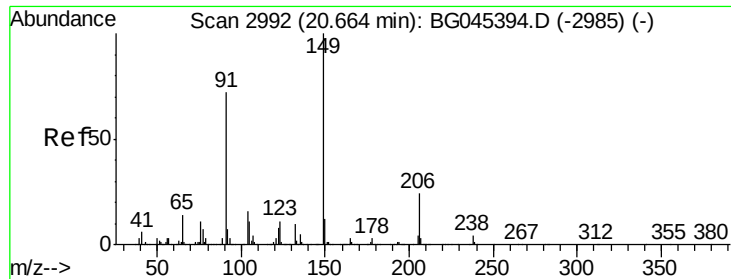


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

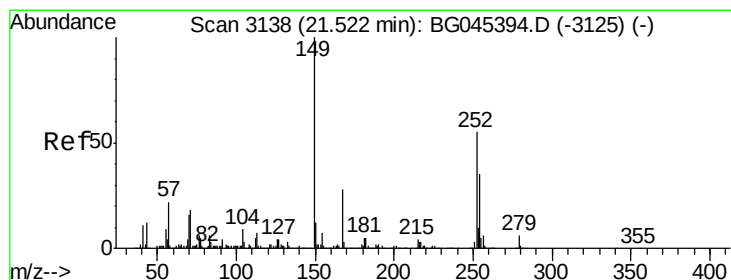
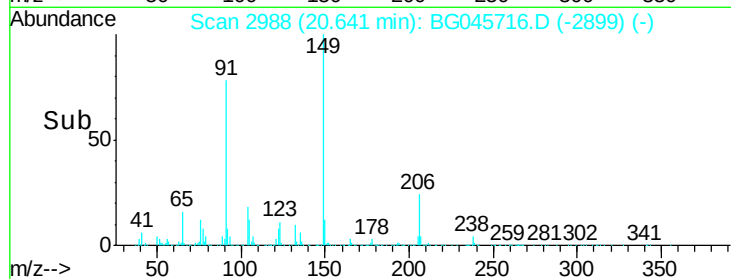
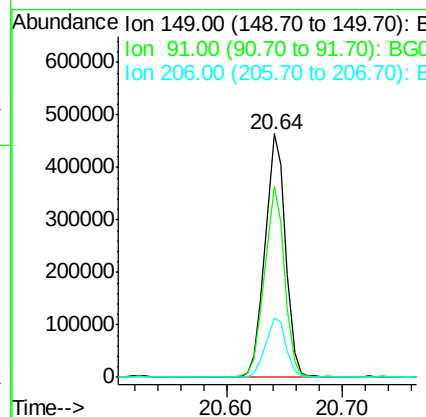
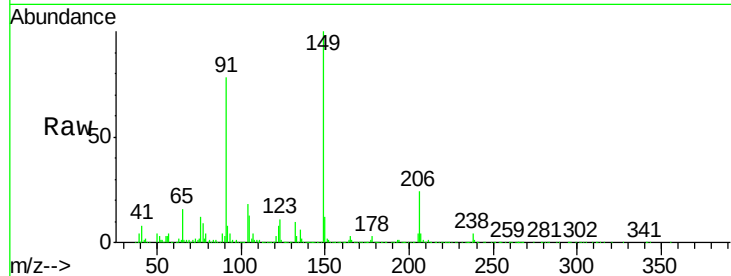




#80
Butylbenzylphthalate
Concen: 78.940 ng
RT: 20.64 min Scan# 2988
Delta R.T. -0.00 min
Lab File: BG045716.D
Acq: 11 Jun 2020 10:06

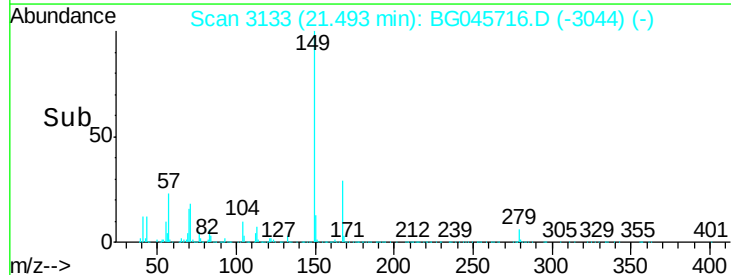
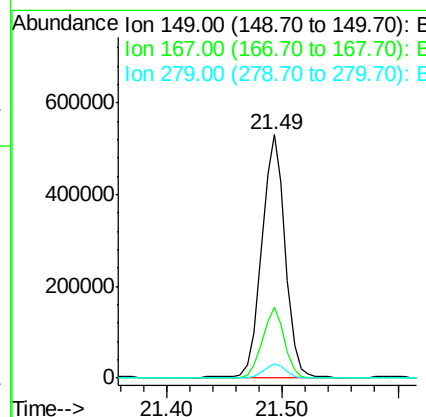
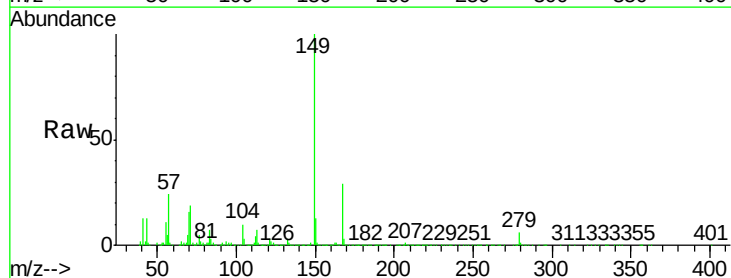
Instrument :
BNA_G
ClientSampleId :
BASEMENT-GRAY-SLAB

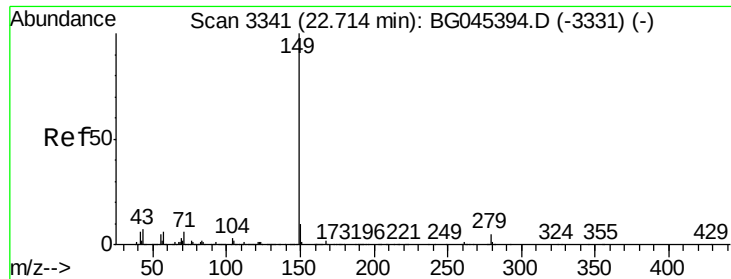
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.4	57.8	86.6
206	24.3	19.1	28.7



#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	Ratio	Lower	Upper
149	100		
167	29.1	22.2	33.2
279	5.8	4.7	7.1





#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

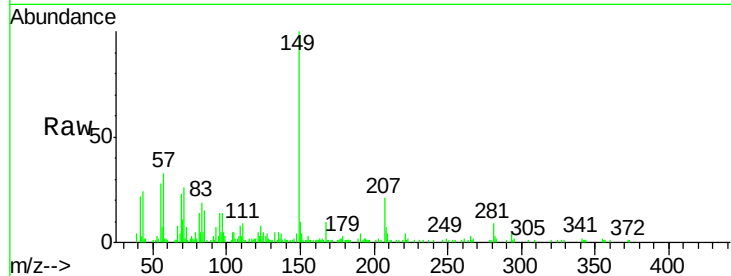
Tot Ion:149 Resp: 35877

Ion Ratio Lower Upper

149 100

167 7.7 1.4 2.0#

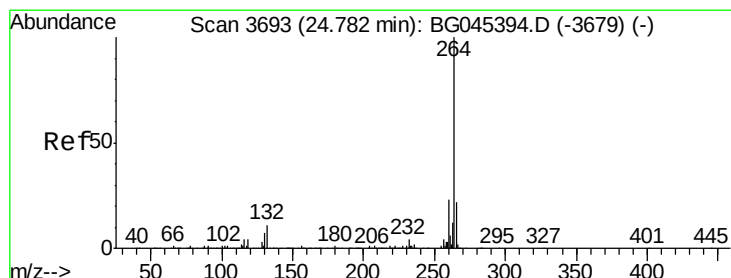
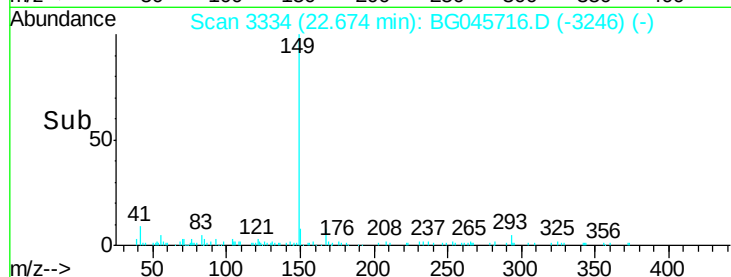
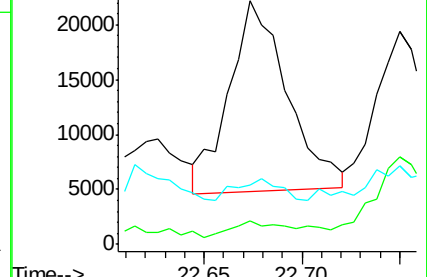
43 8.3 5.8 8.8



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

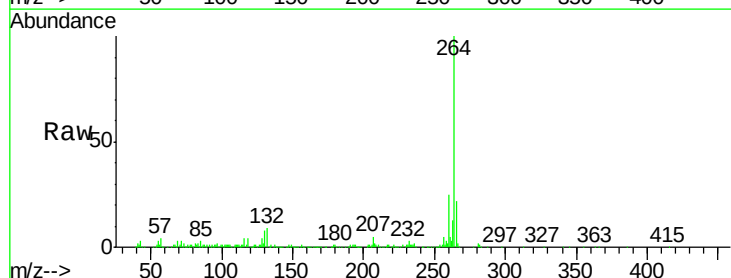
Tgt Ion:264 Resp: 338742

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

