

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045642.D
 Acq On : 8 Jun 2020 14:55
 Operator : CG/JU
 Sample : L2886-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLAB-4

Quant Time: Jun 08 16:11:14 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

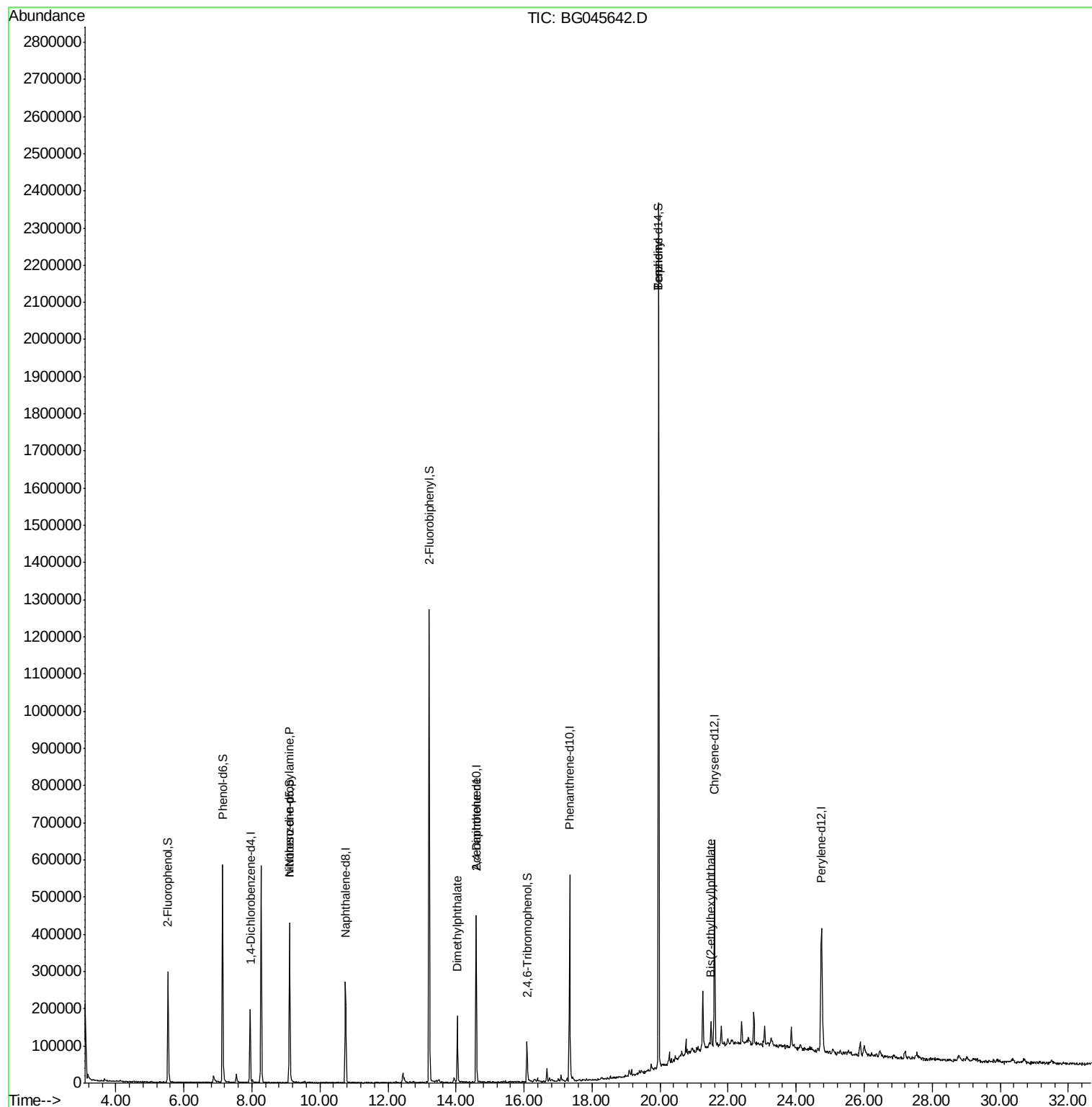
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60583	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	242764	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	167978	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	389284	20.00	ng	0.00
76) Chrysene-d12	21.60	240	365884	20.00	ng	0.00
87) Perylene-d12	24.74	264	402004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	153540	49.53	ng	0.00
7) Phenol-d6	7.14	99	387703	87.87	ng	0.00
23) Nitrobenzene-d5	9.11	82	301440	67.71	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	25390	11.82	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	697679	70.45	ng	0.00
79) Terphenyl-d14	19.96	244	1150440	73.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	40512	13.278	ng	Qvalue # 85
50) Dimethylphthalate	14.04	163	121412	10.536	ng	98
57) 2,4-Dinitrotoluene	14.59	165	23116	6.138	ng	# 24
77) Benzidine	19.96	184	21570	2.099	ng	# 90
84) Bis(2-ethylhexyl)phthalate	21.49	149	27753	2.243	ng	93

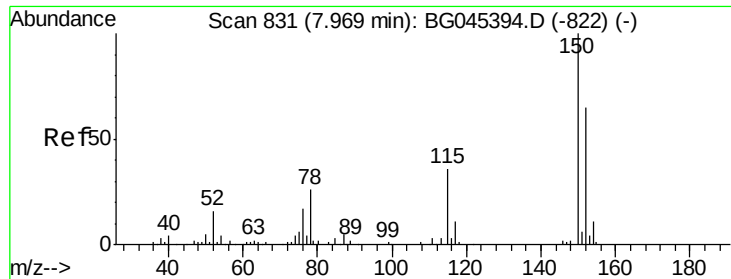
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045642.D
Acq On : 8 Jun 2020 14:55
Operator : CG/JU
Sample : L2886-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLAB-4

Quant Time: Jun 08 16:11:14 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



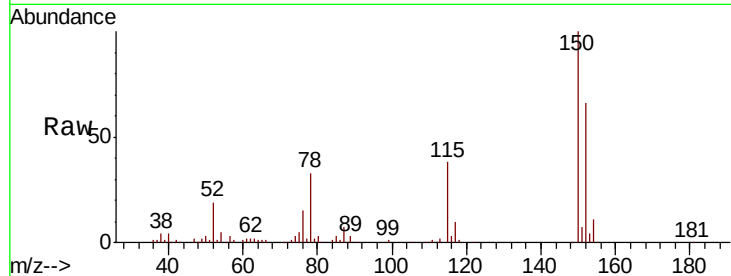


#1

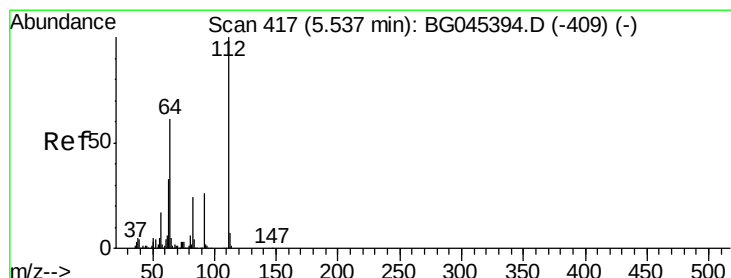
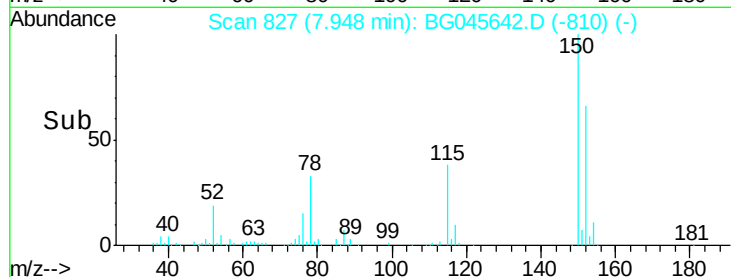
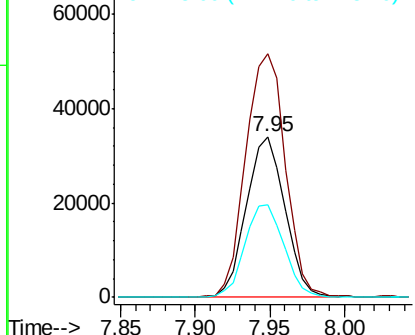
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045642.D
Acq: 8 Jun 2020 14:55

Instrument :
BNA_G
ClientSampleId :
SLAB-4

Tot Ion:152 Resp: 60583
Ion Ratio Lower Upper
152 100
150 151.8 122.4 183.6
115 58.1 44.2 66.4



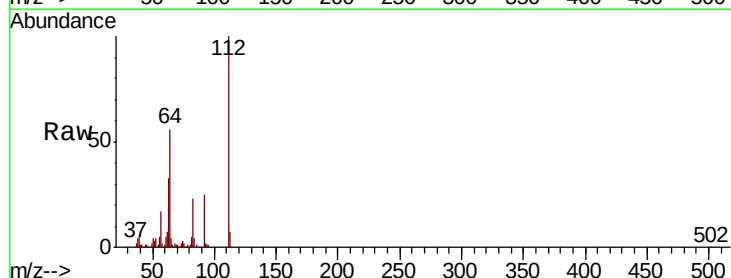
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



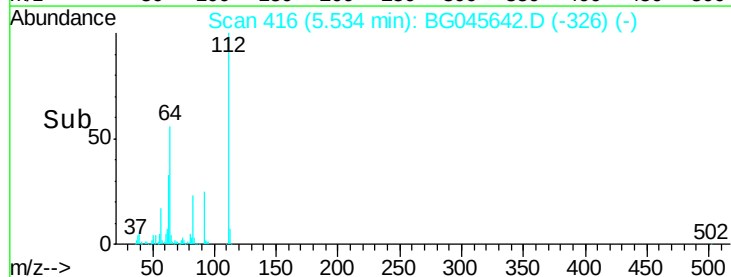
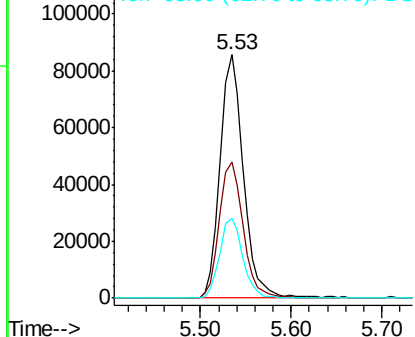
#5

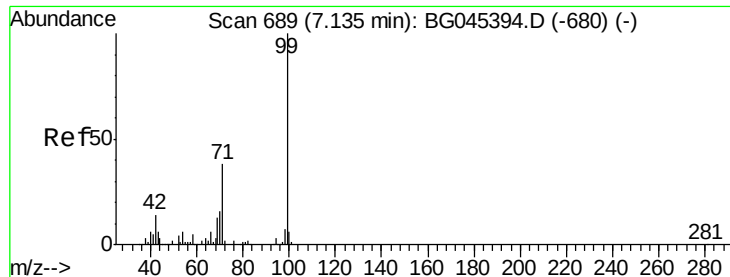
2-Fluorophenol
Concen: 49.529 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045642.D
Acq: 8 Jun 2020 14:55

Tgt Ion:112 Resp: 153540
Ion Ratio Lower Upper
112 100
64 55.7 48.6 72.8
63 32.7 26.5 39.7



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: 87.870 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045642.D

Acq: 8 Jun 2020 14:55

Instrument :

BNA_G

ClientSampled :

SLAB-4

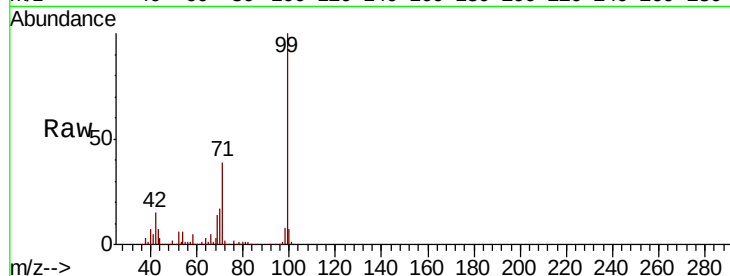
Tot Ion: 99 Resp: 387703

Ion Ratio Lower Upper

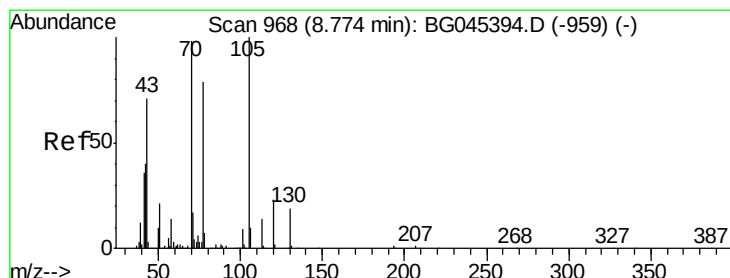
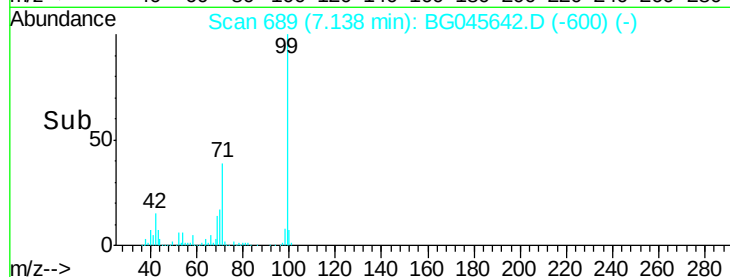
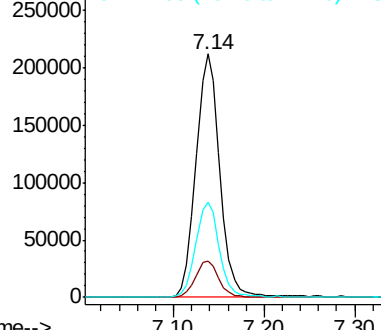
99 100

42 14.8 11.3 16.9

71 38.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.278 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045642.D

Acq: 8 Jun 2020 14:55

Tgt Ion: 70 Resp: 40512

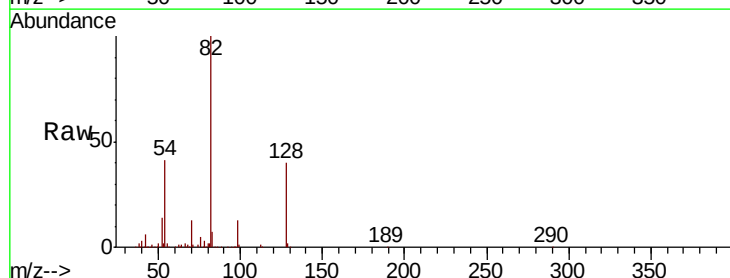
Ion Ratio Lower Upper

70 100

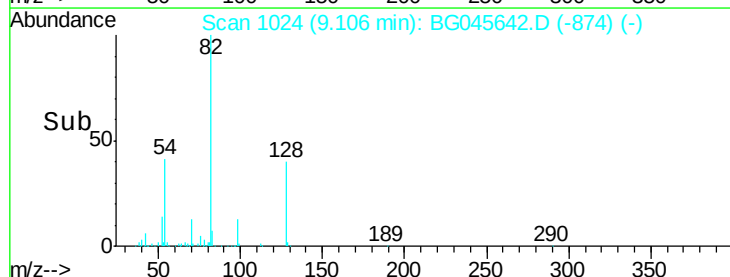
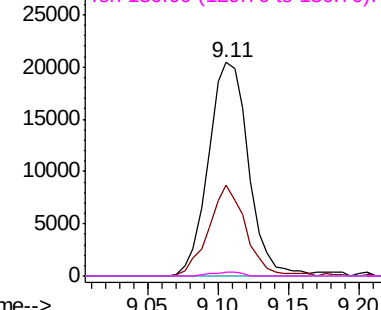
42 42.6 33.2 49.8

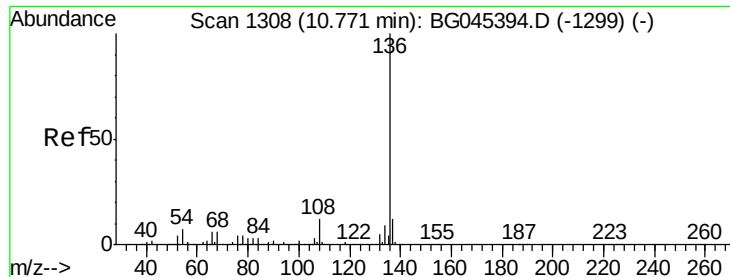
101 0.0 7.8 11.6#

130 1.8 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

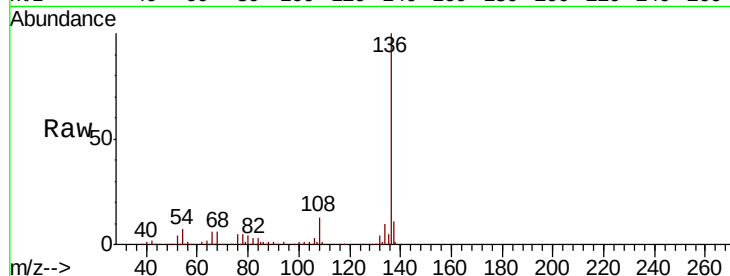




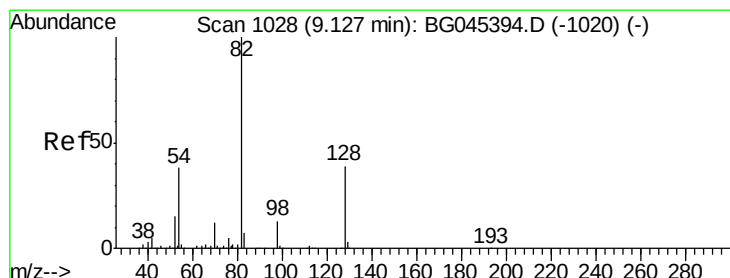
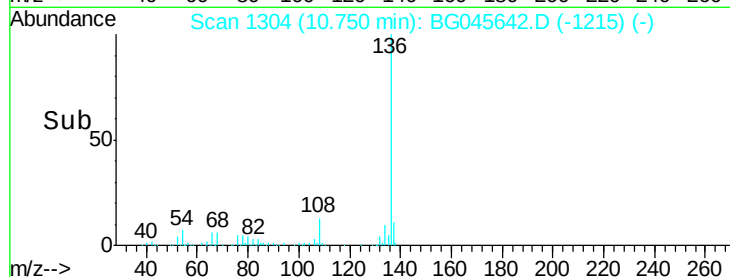
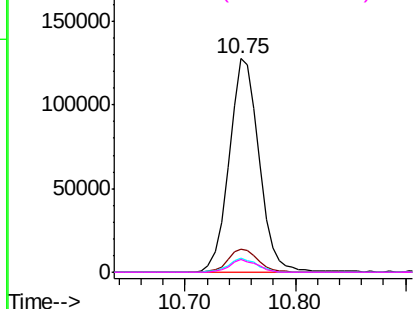
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045642.D
Acq: 8 Jun 2020 14:55

Instrument :
BNA_G
ClientSampleId :
SLAB-4

Tot Ion:	136	Resp:	242764
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.2
54	6.5	5.8	8.6
68	5.8	4.5	6.7

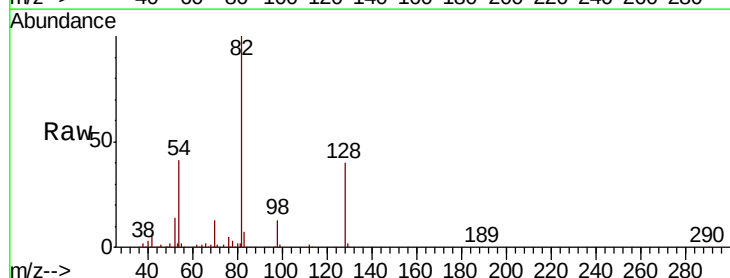


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

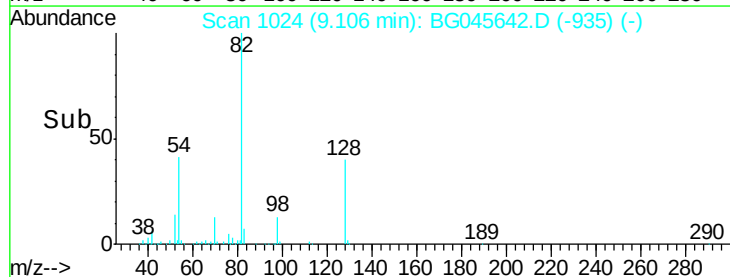
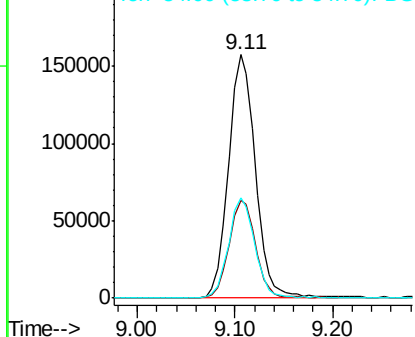


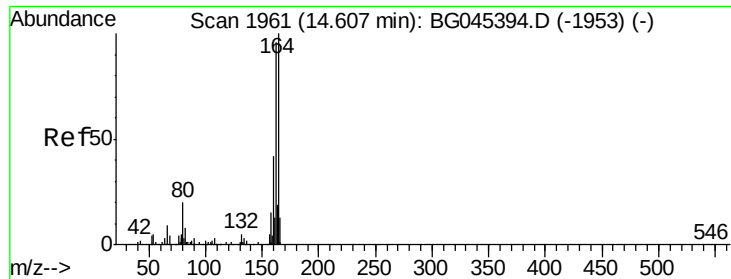
#23
Nitrobenzene-d5
Concen: 67.712 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045642.D
Acq: 8 Jun 2020 14:55

Tgt Ion:	82	Resp:	301440
Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.9	46.3
54	41.0	30.3	45.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
200000
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: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045642.D

Acq: 8 Jun 2020 14:55

Instrument :

BNA_G

ClientSampleId :

SLAB-4

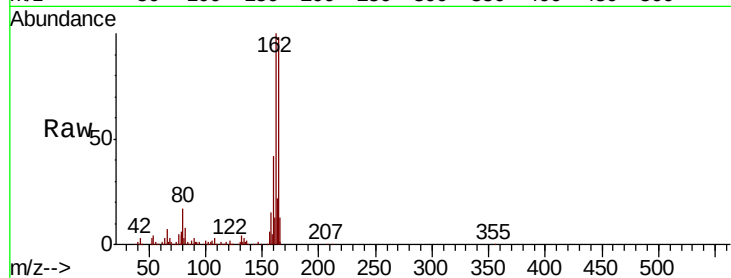
Tot Ion:164 Resp: 167978

Ion Ratio Lower Upper

164 100

162 101.8 76.9 115.3

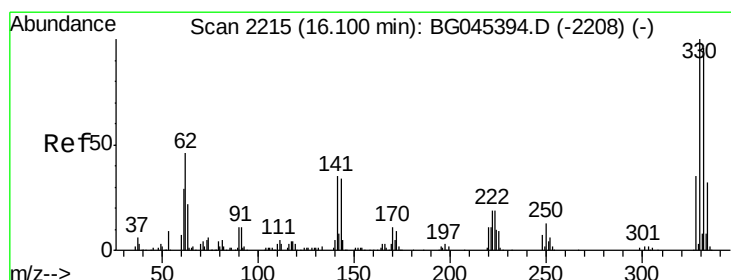
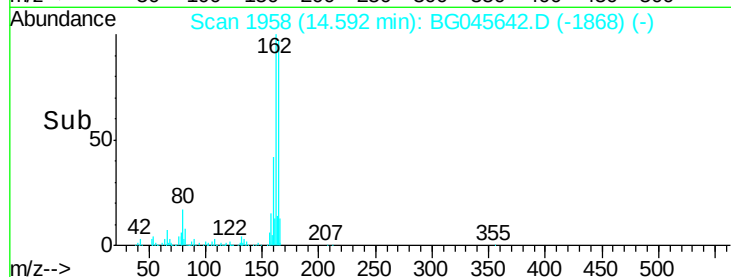
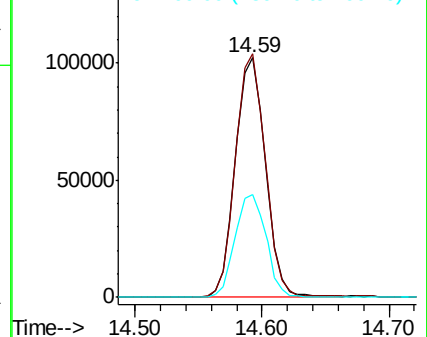
160 42.9 33.8 50.8



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



#42

2,4,6-Tribromophenol

Concen: 11.819 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045642.D

Acq: 8 Jun 2020 14:55

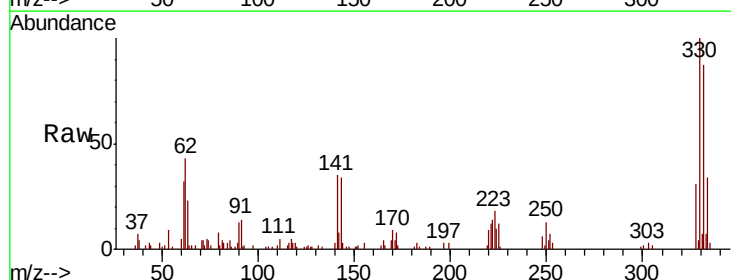
Tgt Ion:330 Resp: 25390

Ion Ratio Lower Upper

330 100

332 91.0 78.2 117.4

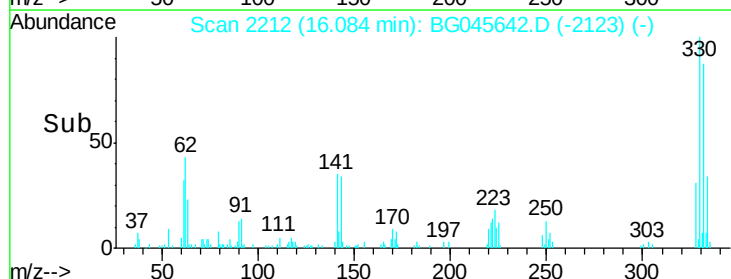
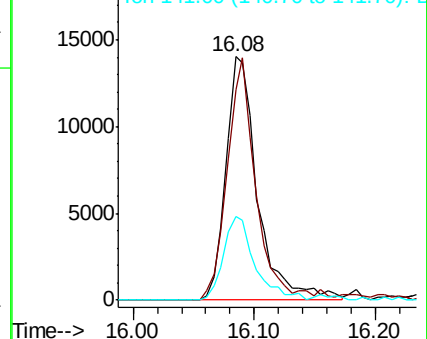
141 34.1 28.2 42.4

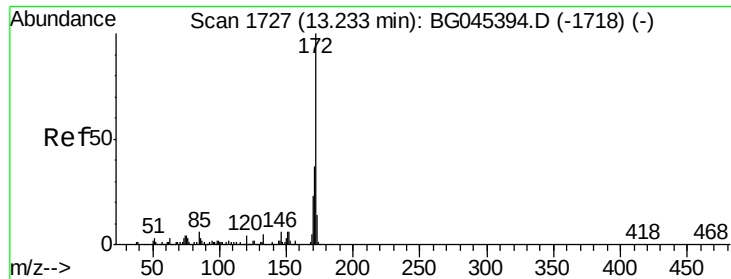


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 70.450 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045642.D

Acq: 8 Jun 2020 14:55

Instrument :

BNA_G

ClientSampleId :

SLAB-4

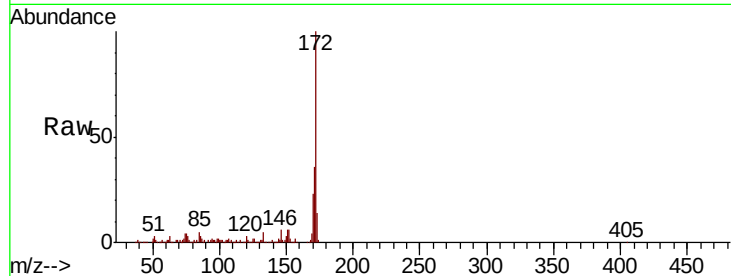
Tot Ion:172 Resp: 697679

Ion Ratio Lower Upper

172 100

171 35.7 29.5 44.3

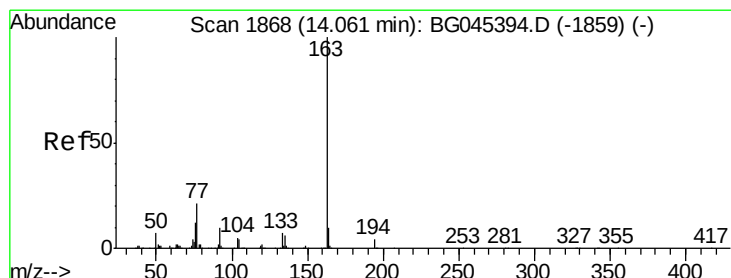
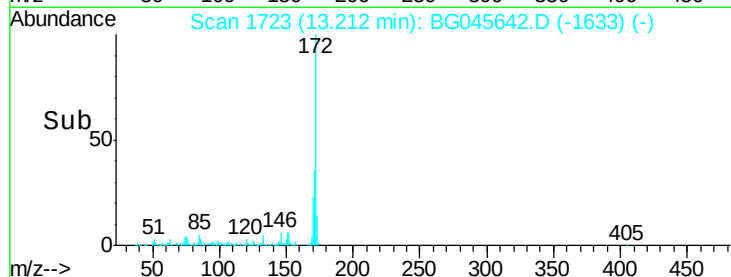
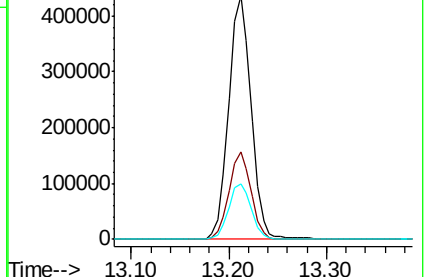
170 22.8 18.5 27.7



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: 10.536 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045642.D

Acq: 8 Jun 2020 14:55

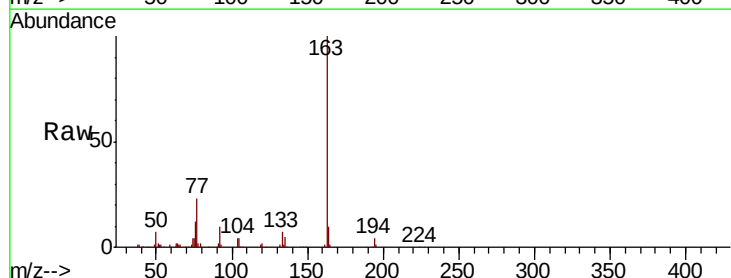
Tgt Ion:163 Resp: 121412

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

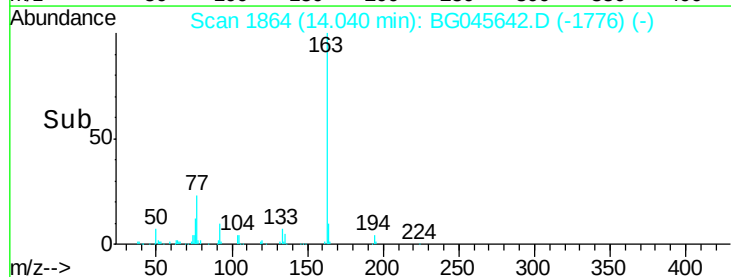
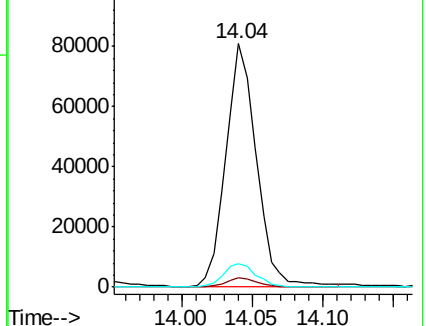
164 9.6 8.3 12.5

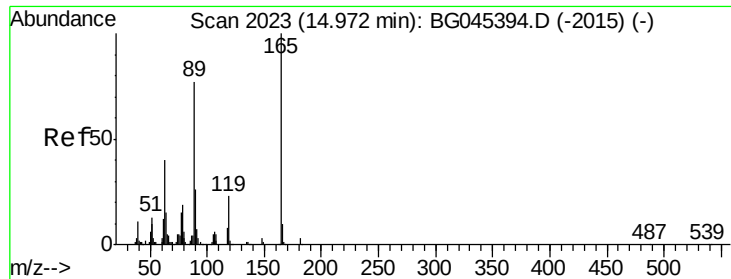


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

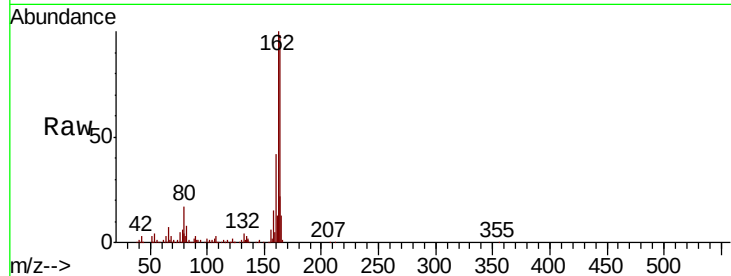




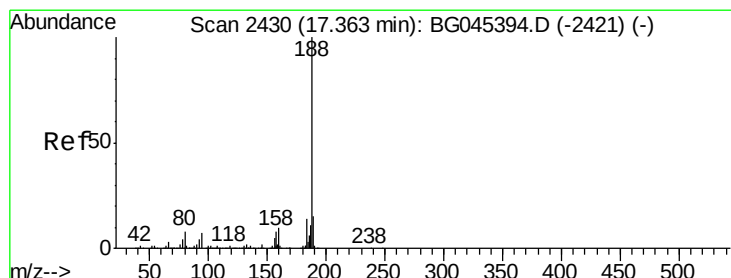
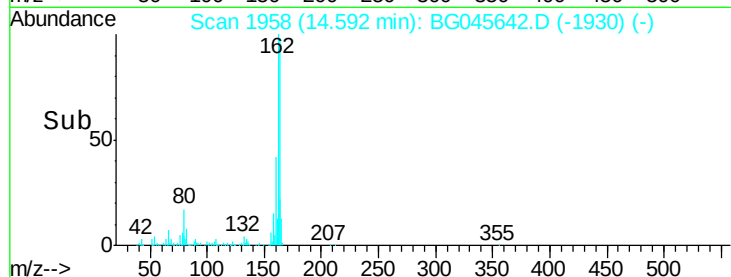
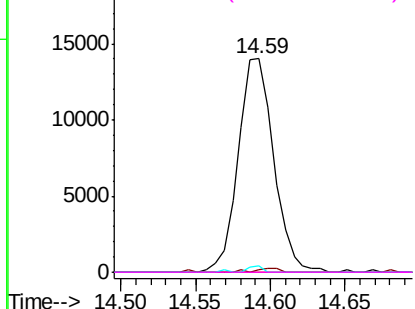
#57
2,4-Dinitrotoluene
Concen: 6.138 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045642.D
Acq: 8 Jun 2020 14:55

Instrument :
BNA_G
ClientSampleId :
SLAB-4

Tot Ion:165 Resp: 23116
Ion Ratio Lower Upper
165 100
63 1.3 32.5 48.7#
89 3.2 61.8 92.6#
182 0.0 2.3 3.5#

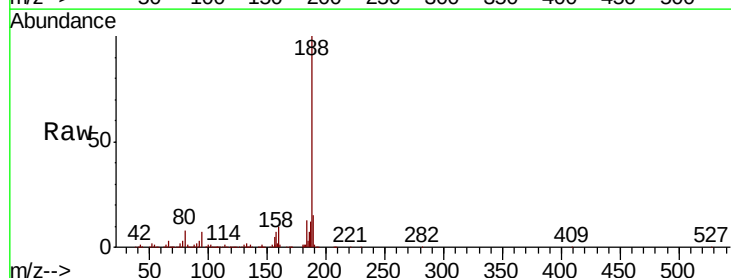


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

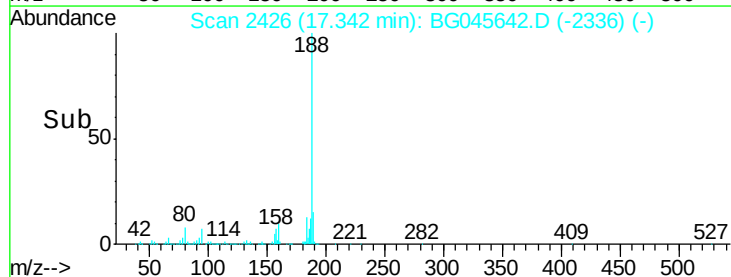
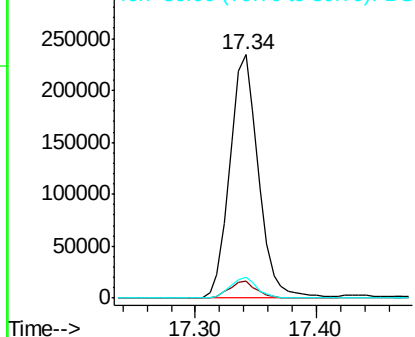


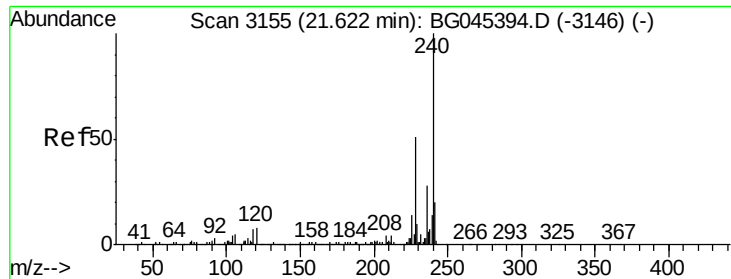
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045642.D
Acq: 8 Jun 2020 14:55

Tgt Ion:188 Resp: 389284
Ion Ratio Lower Upper
188 100
94 6.8 5.5 8.3
80 8.4 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

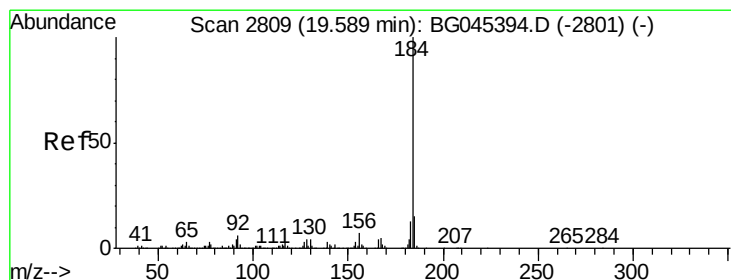
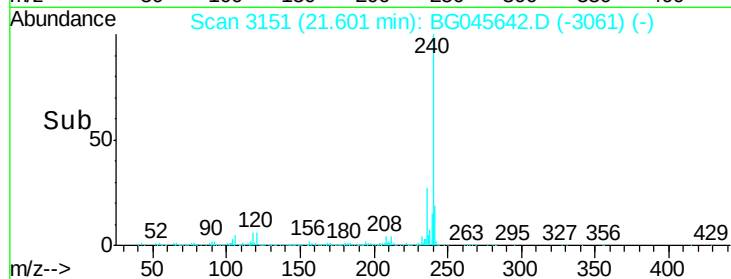
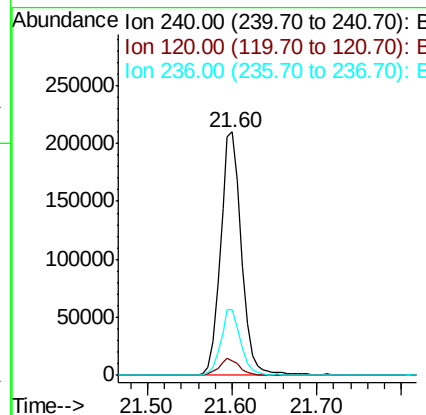
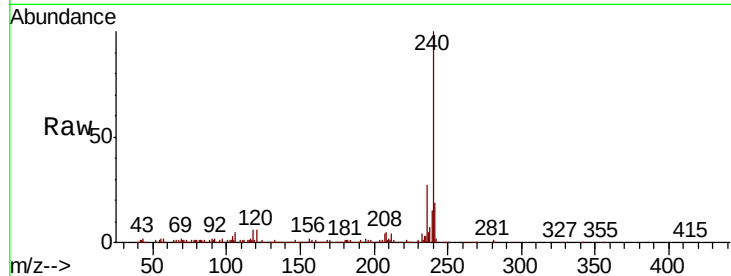




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045642.D
Acq: 8 Jun 2020 14:55

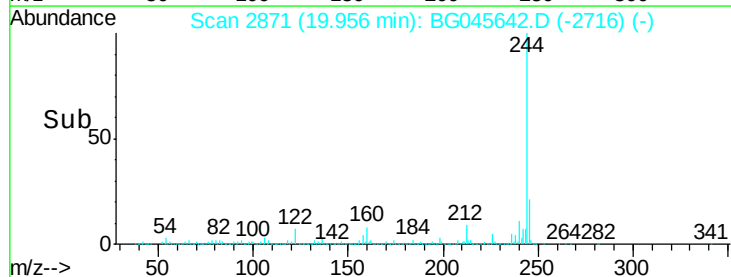
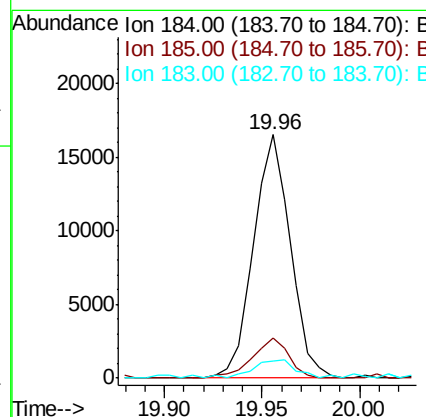
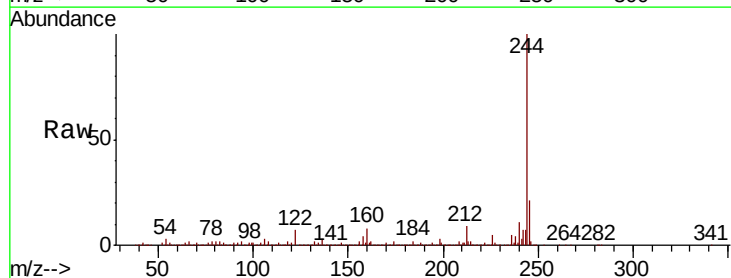
Instrument :
BNA_G
ClientSampled :
SLAB-4

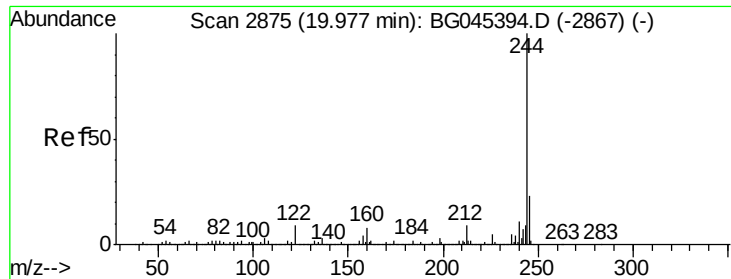
Tot Ion:240 Resp: 365884
Ion Ratio Lower Upper
240 100
120 6.0 6.1 9.1#
236 27.0 22.3 33.5



#77
Benzidine
Concen: 2.099 ng
RT: 19.96 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045642.D
Acq: 8 Jun 2020 14:55

Tgt Ion:184 Resp: 21570
Ion Ratio Lower Upper
184 100
185 16.6 11.7 17.5
183 6.9 10.2 15.4#





#79

Terphenyl-d14

Concen: 73.334 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045642.D

Acq: 8 Jun 2020 14:55

Instrument :

BNA_G

ClientSampled :

SLAB-4

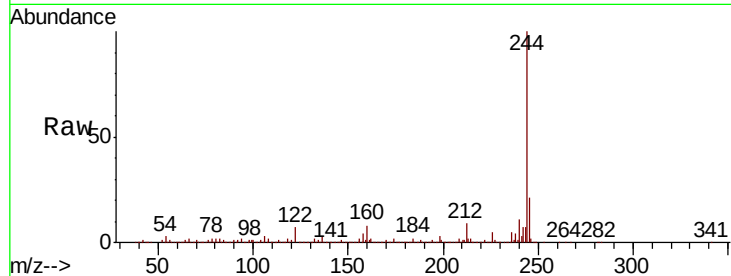
Tot Ion:244 Resp: 1150440

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.0
122	7.4	6.8	10.2

244 100

212 8.5 7.4 11.0

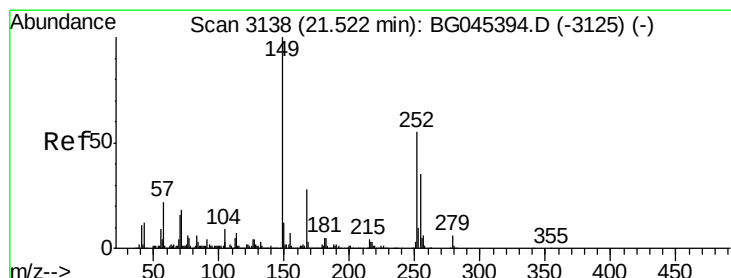
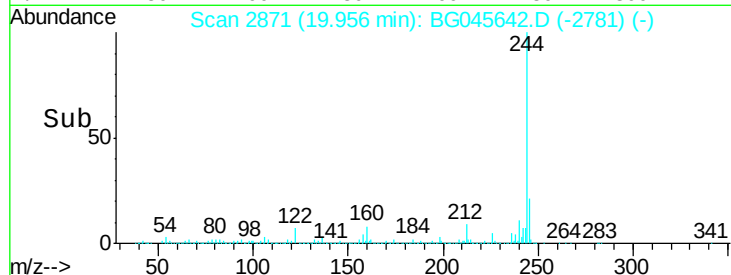
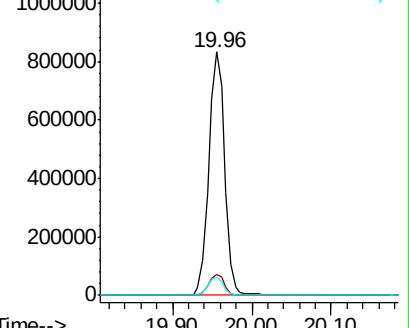
122 7.4 6.8 10.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.243 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045642.D

Acq: 8 Jun 2020 14:55

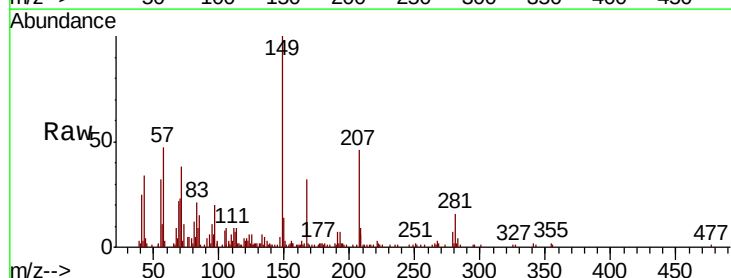
Tgt Ion:149 Resp: 27753

Ion	Ratio	Lower	Upper
149	100		
167	31.8	22.2	33.2
279	6.7	4.7	7.1

149 100

167 31.8 22.2 33.2

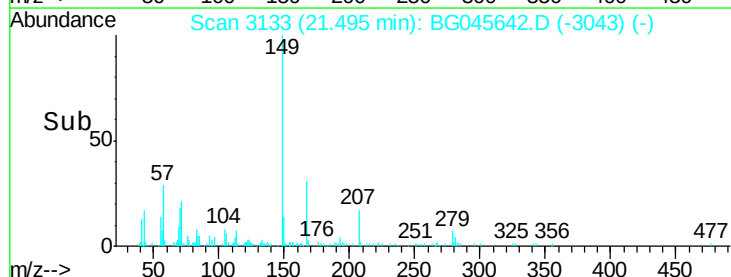
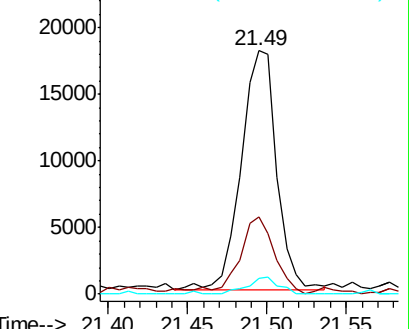
279 6.7 4.7 7.1

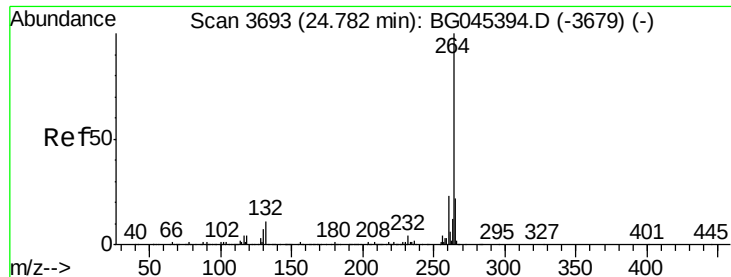


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

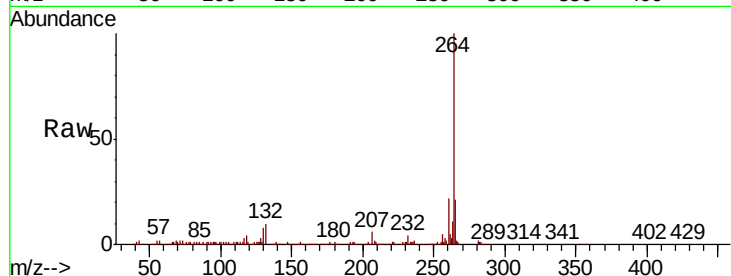




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045642.D
 Acq: 8 Jun 2020 14:55

Instrument :
 BNA_G
 ClientSampleId :
 SLAB-4

Tot Ion:	264	Resp:	402004
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	21.1	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

