

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045532.D
 Acq On : 29 May 2020 20:40
 Operator : CG/JU
 Sample : L2775-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAINTED-CURB

Quant Time: May 30 00:29:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

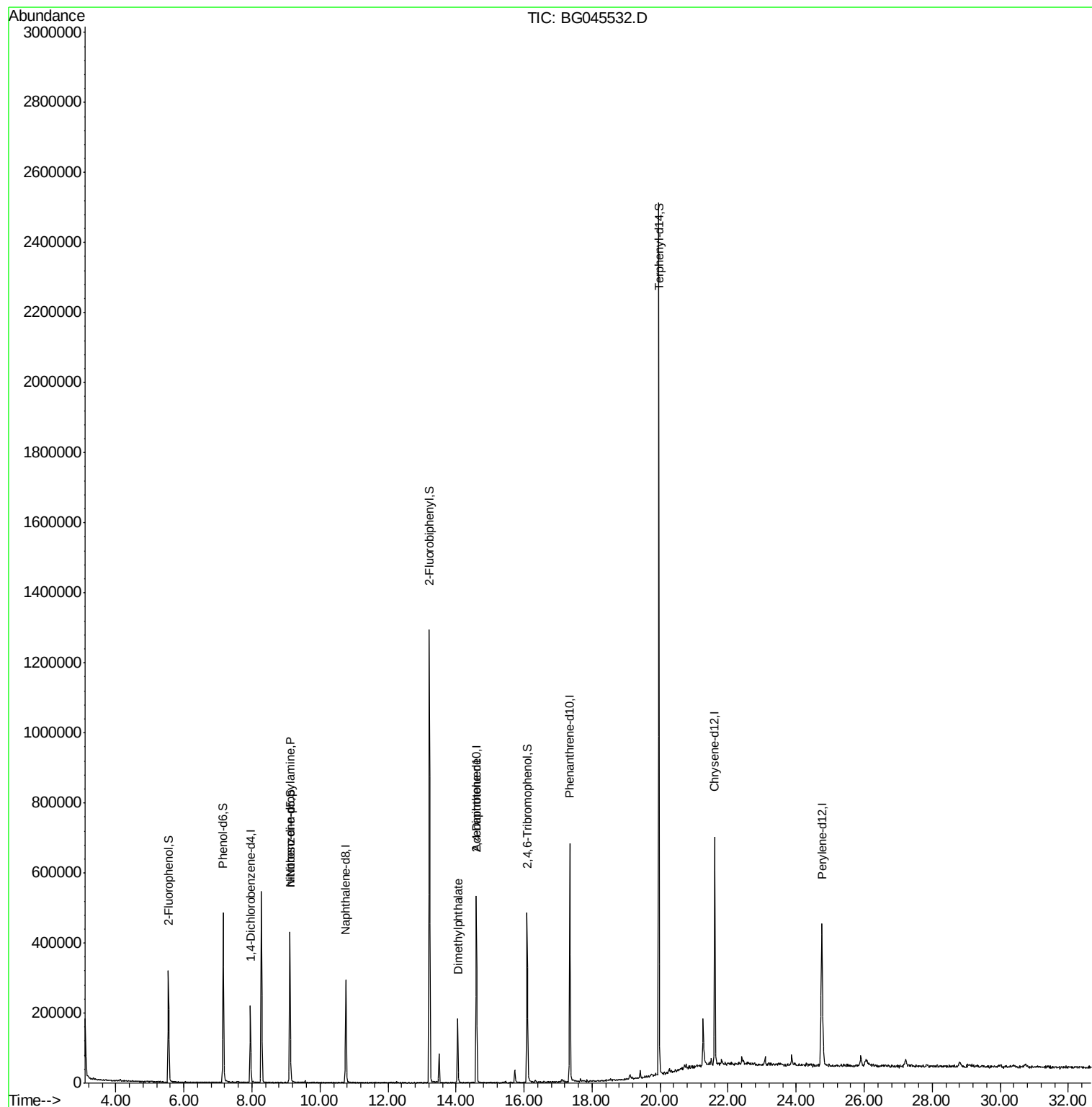
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	65928	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	269733	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	199202	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	467404	20.00	ng	0.00
76) Chrysene-d12	21.61	240	425267	20.00	ng	0.00
87) Perylene-d12	24.75	264	463821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	158135	46.88	ng	0.00
7) Phenol-d6	7.15	99	332724	69.30	ng	-0.01
23) Nitrobenzene-d5	9.12	82	302197	61.09	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	111520	43.78	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	740881	63.09	ng	0.00
79) Terphenyl-d14	19.96	244	1200597	65.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.12	70	40355	12.154	ng	Qvalue # 80
50) Dimethylphthalate	14.05	163	130743	9.568	ng	97
57) 2,4-Dinitrotoluene	14.60	165	25343	5.675	ng	# 22

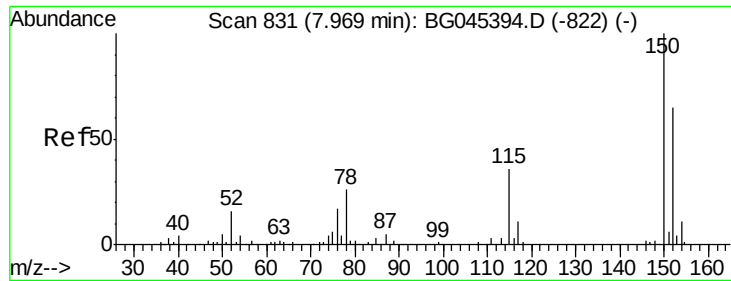
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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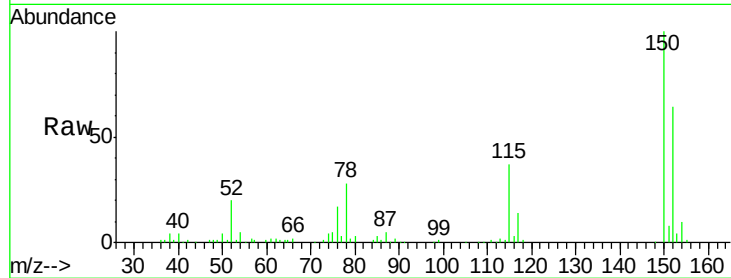


#1

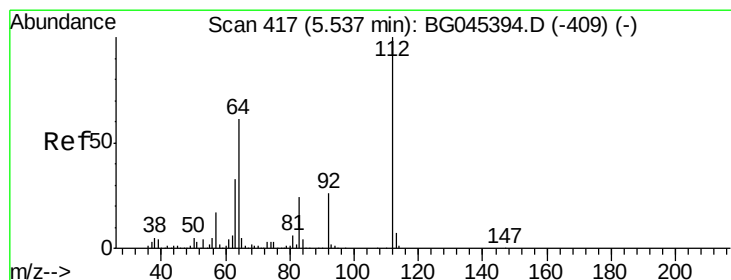
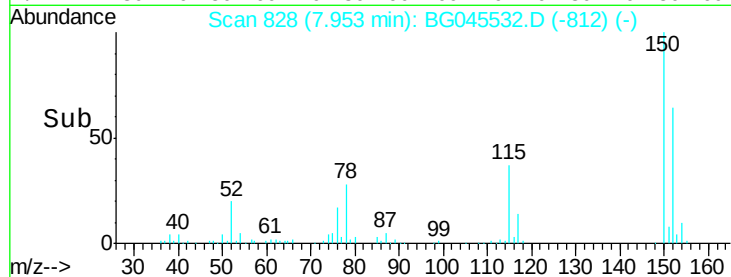
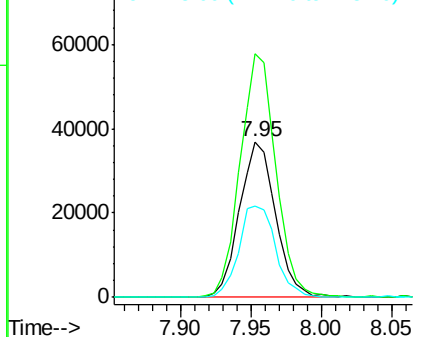
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG045532.D
 Acq: 29 May 2020 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PAINTED-CURB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.4	183.6
115	58.5	44.2	66.4



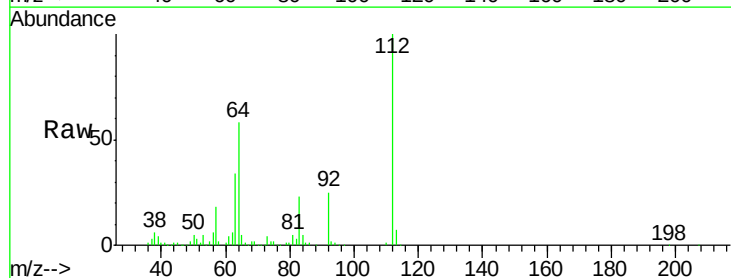
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



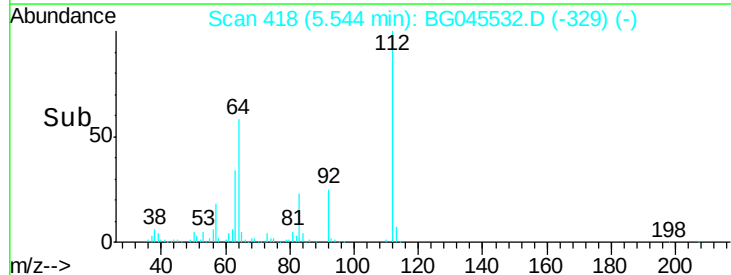
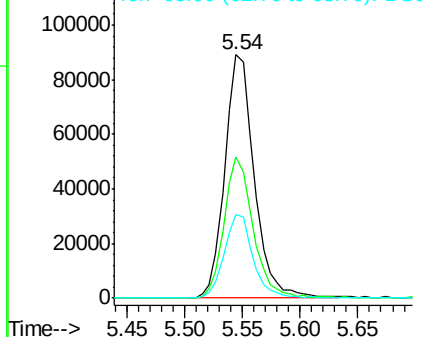
#5

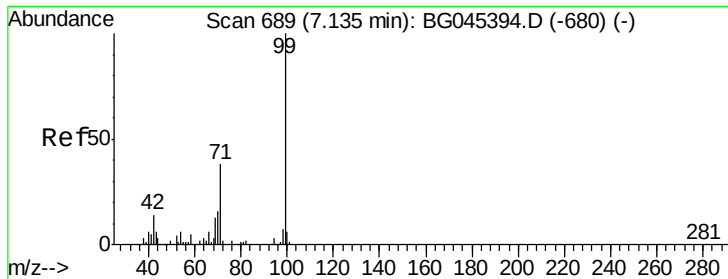
2-Fluorophenol
 Concen: 46.876 ng
 RT: 5.54 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BG045532.D
 Acq: 29 May 2020 20:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	48.6	72.8
63	34.3	26.5	39.7



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





#7

Phenol-d6

Concen: 69.296 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045532.D

Acq: 29 May 2020 20:40

Instrument :

BNA_G

ClientSampleId :

PAINTED-CURB

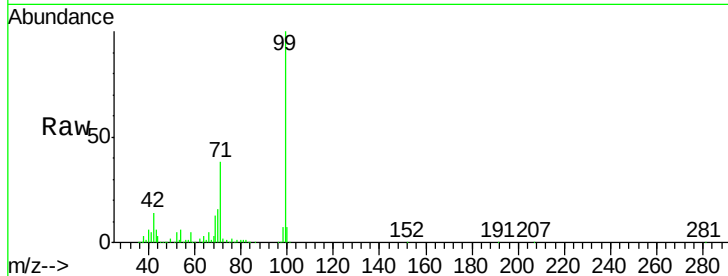
Tot Ion: 99 Resp: 332724

Ion Ratio Lower Upper

99 100

42 13.5 11.3 16.9

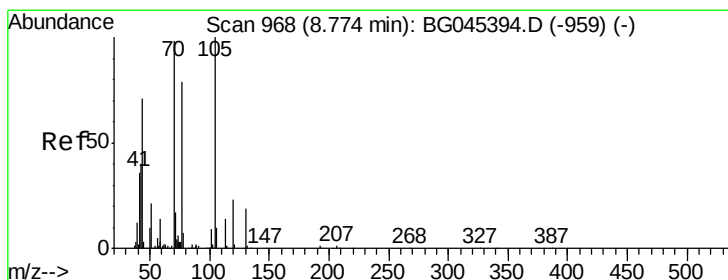
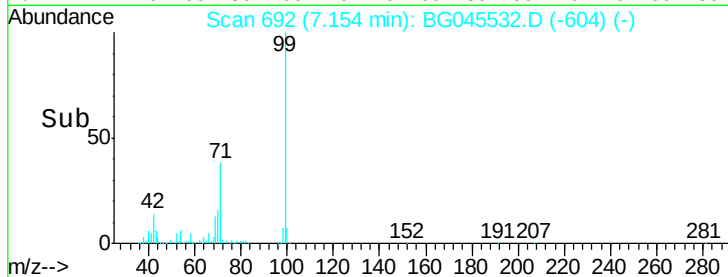
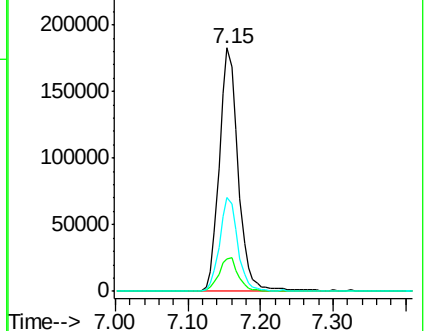
71 38.3 30.8 46.2



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: 12.154 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG045532.D

Acq: 29 May 2020 20:40

Tgt Ion: 70 Resp: 40355

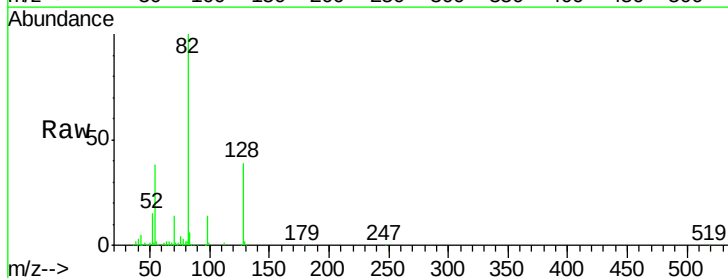
Ion Ratio Lower Upper

70 100

42 34.8 33.2 49.8

101 0.0 7.8 11.6#

130 1.8 15.4 23.2#

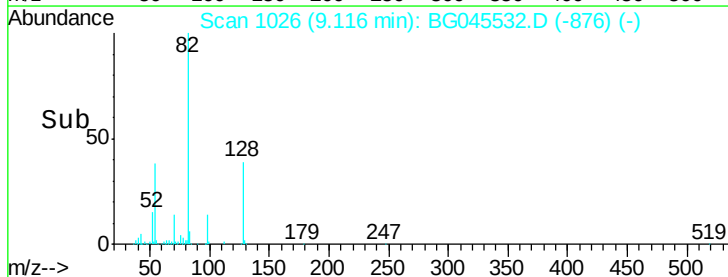
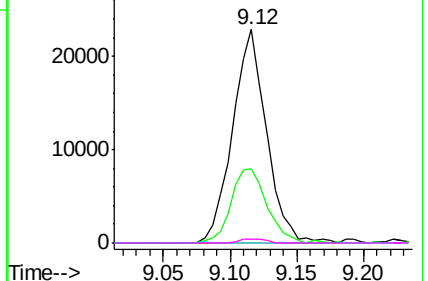


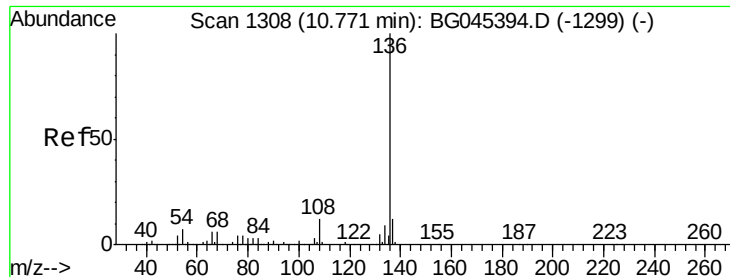
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

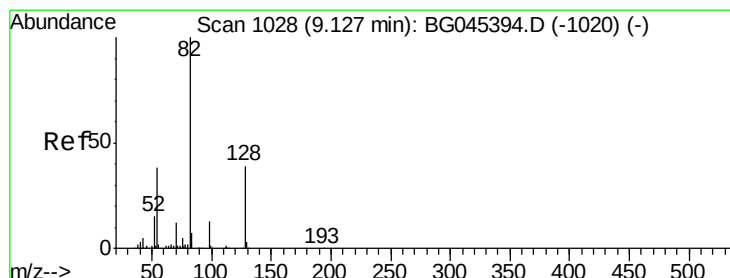
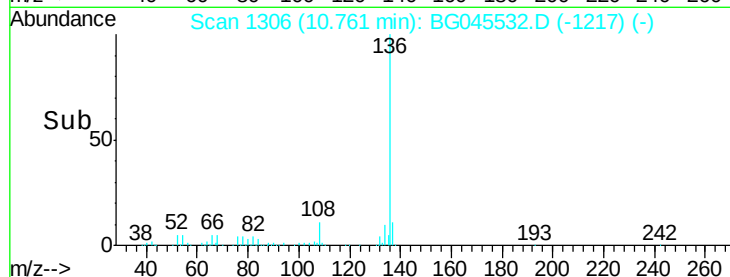
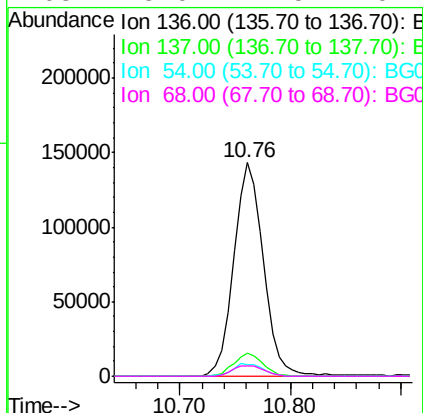
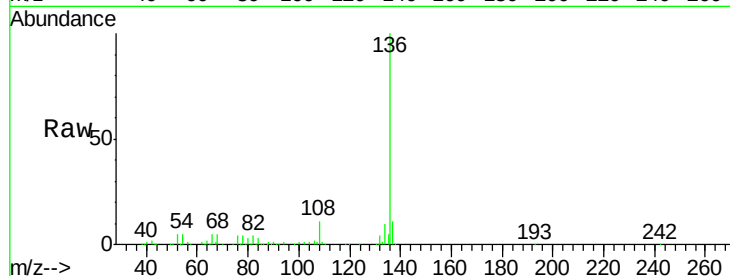




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045532.D
Acq: 29 May 2020 20:40

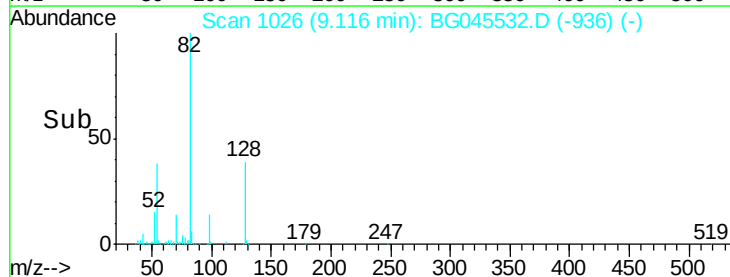
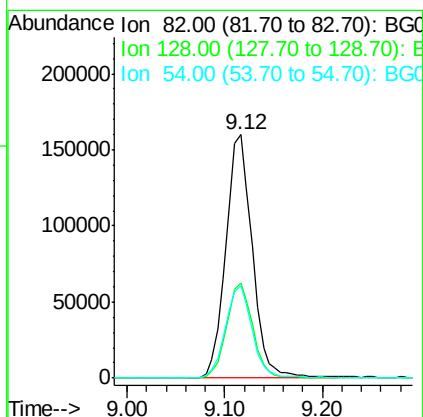
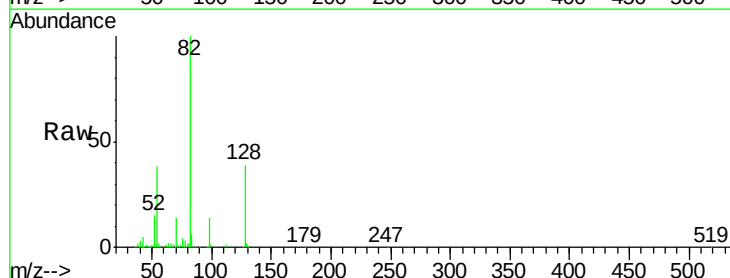
Instrument :
BNA_G
ClientSampleId :
PAINTED-CURB

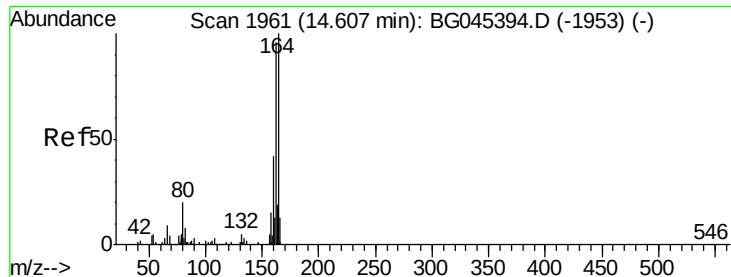
Tot Ion:136	Resp:	269733	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.4	14.2	
54 5.2	5.8	8.6#	
68 5.0	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 61.095 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045532.D
Acq: 29 May 2020 20:40

Tgt	Ion: 82	Resp:	302197
Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	38.3	30.3	45.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG045532.D

Acq: 29 May 2020 20:40

Instrument :

BNA_G

ClientSampleId :

PAINTED-CURB

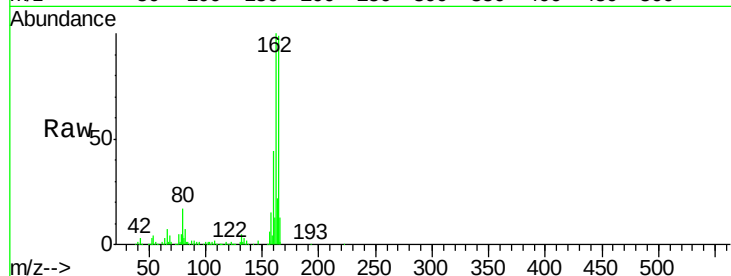
Tot Ion:164 Resp: 199202

Ion Ratio Lower Upper

164 100

162 100.8 76.9 115.3

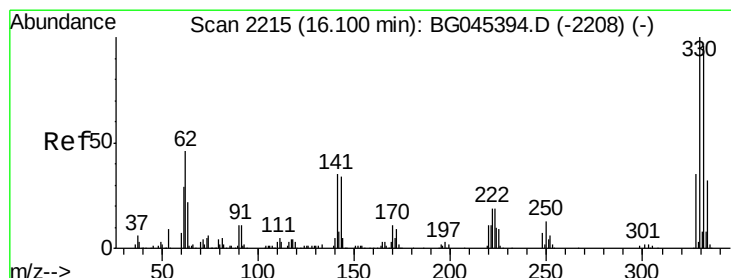
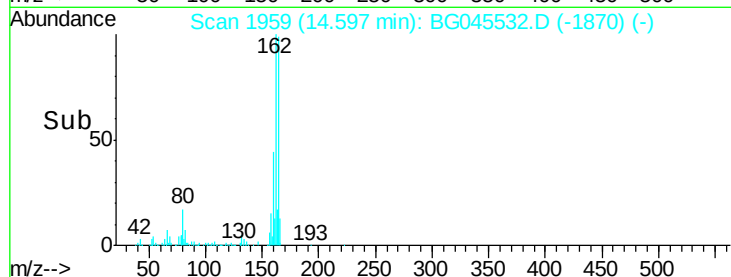
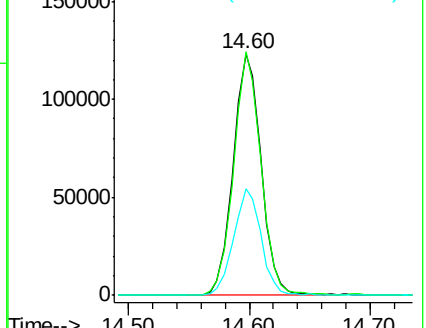
160 44.1 33.8 50.8



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: 43.775 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045532.D

Acq: 29 May 2020 20:40

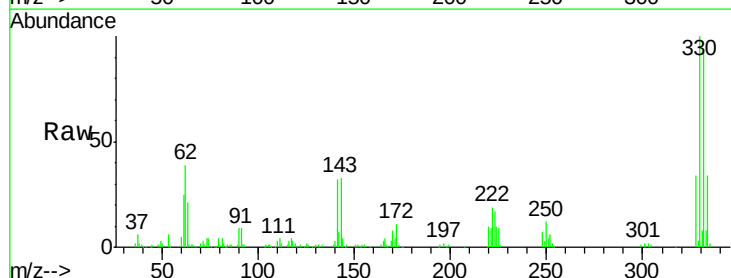
Tgt Ion:330 Resp: 111520

Ion Ratio Lower Upper

330 100

332 94.5 78.2 117.4

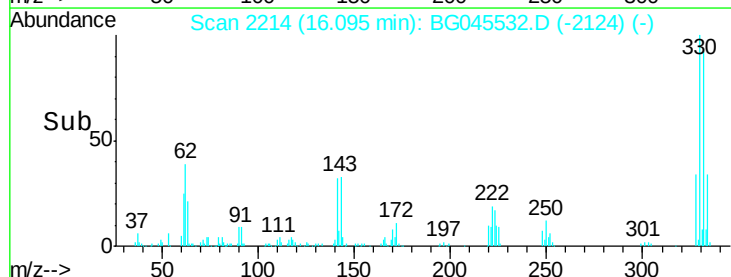
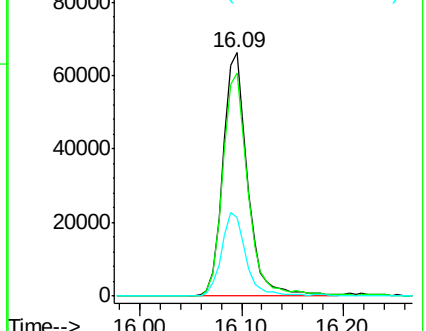
141 33.8 28.2 42.4

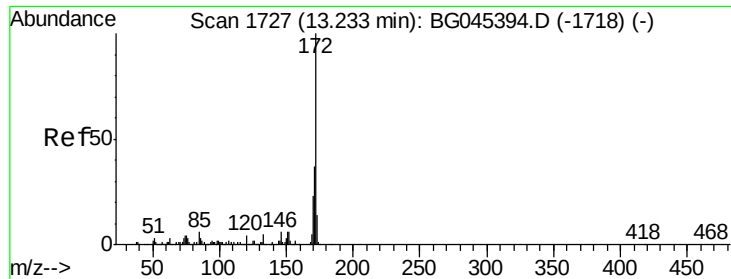


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

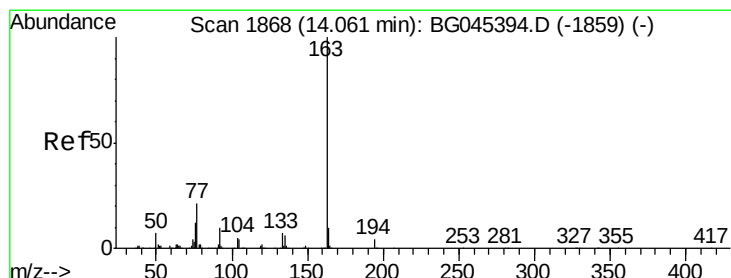
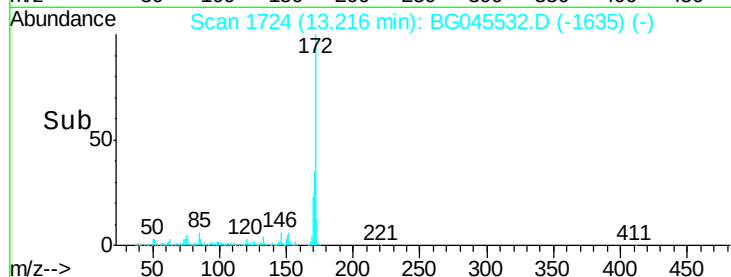
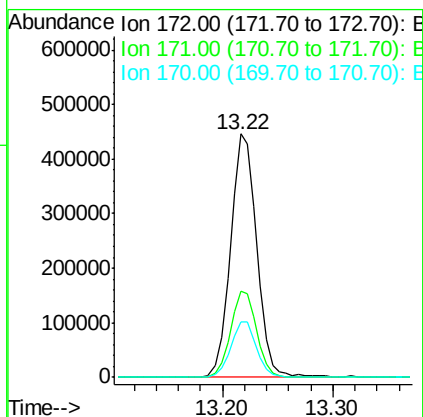
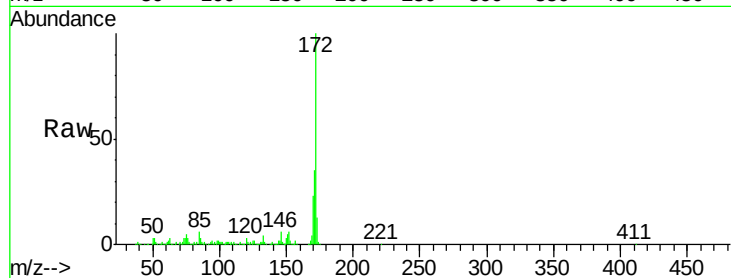




#45
2-Fluorobiphenyl
Concen: 63.086 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG045532.D
Acq: 29 May 2020 20:40

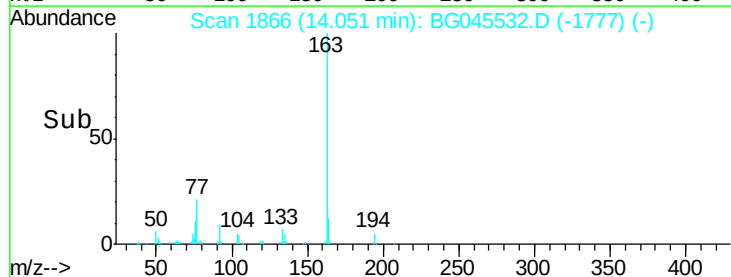
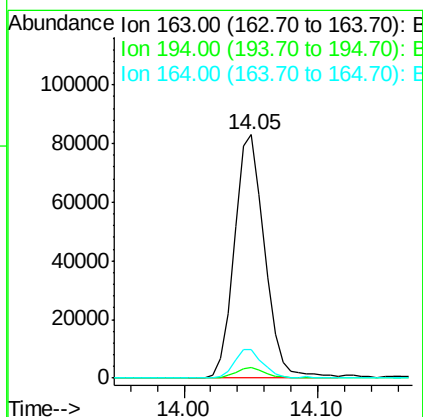
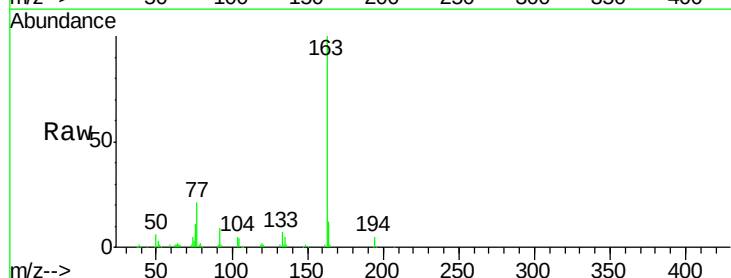
Instrument :
BNA_G
ClientSampleId :
PAINTED-CURB

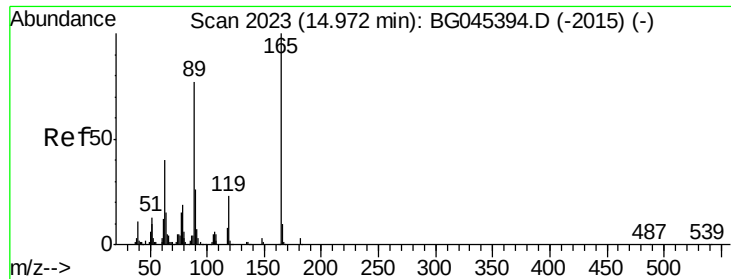
Tot Ion:172 Resp: 740881
Ion Ratio Lower Upper
172 100
171 35.5 29.5 44.3
170 23.0 18.5 27.7



#50
Dimethylphthalate
Concen: 9.568 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045532.D
Acq: 29 May 2020 20:40

Tgt Ion:163 Resp: 130743
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 11.7 8.3 12.5

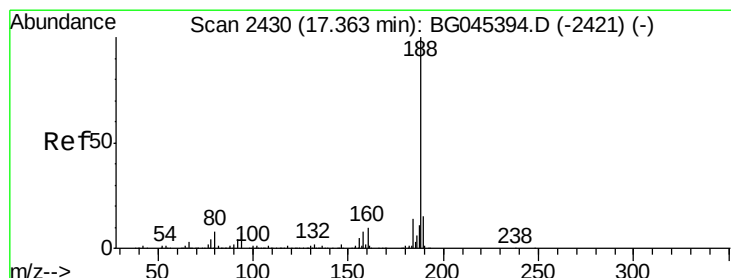
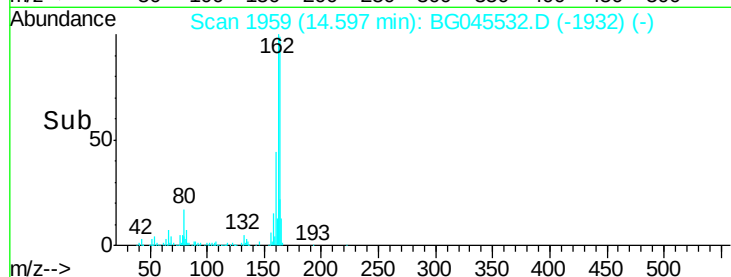
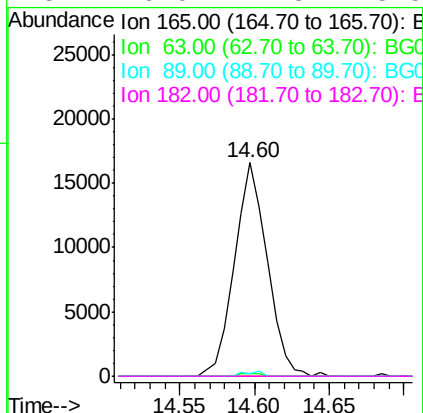
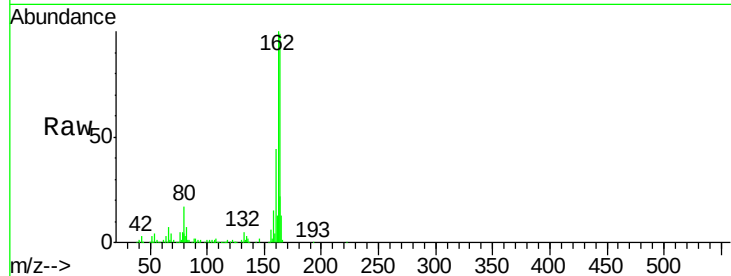




#57
 2,4-Dinitrotoluene
 Concen: 5.675 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.37 min
 Lab File: BG045532.D
 Acq: 29 May 2020 20:40

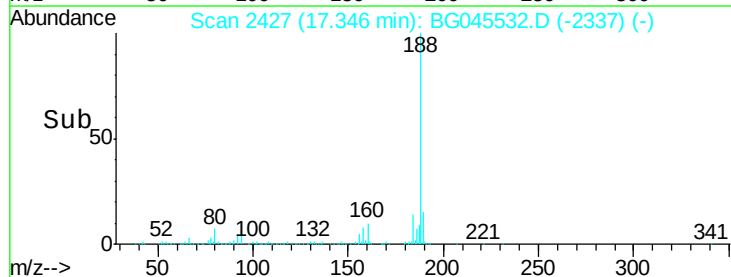
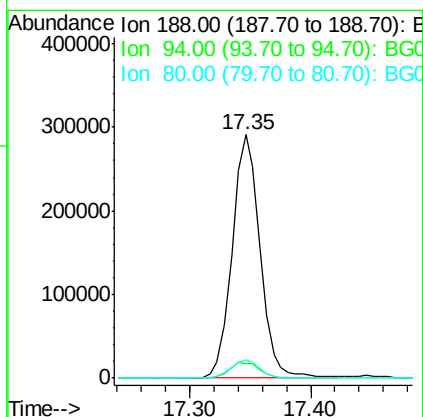
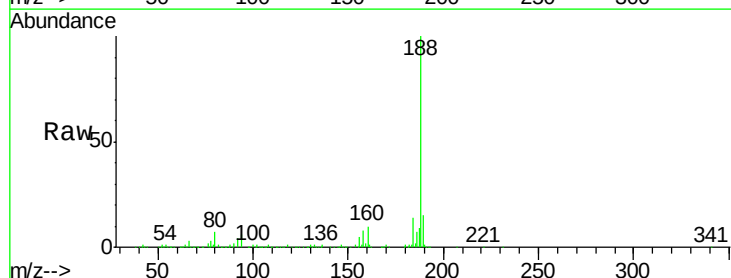
Instrument :
 BNA_G
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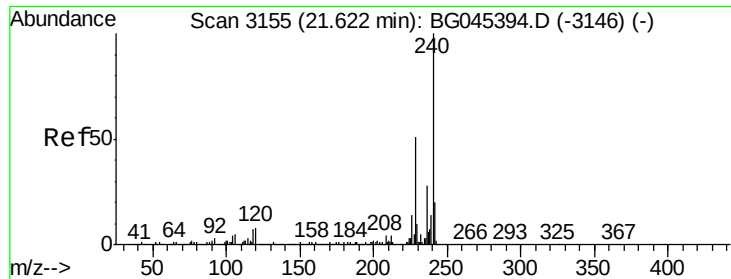
Tot Ion:165 Resp: 25343
 Ion Ratio Lower Upper
 165 100
 63 1.2 32.5 48.7#
 89 1.3 61.8 92.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BG045532.D
 Acq: 29 May 2020 20:40

Tgt Ion:188 Resp: 467404
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.5 8.3
 80 7.4 6.6 10.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045532.D

Acq: 29 May 2020 20:40

Instrument :

BNA_G

ClientSampleId :

PAINTED-CURB

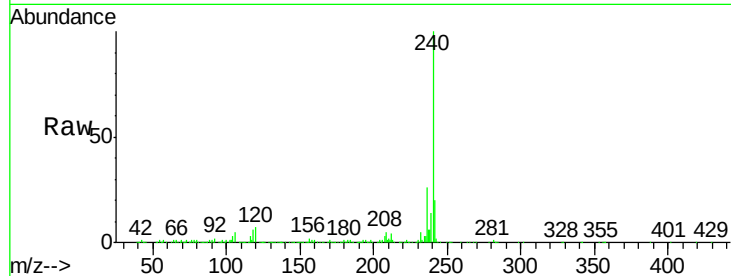
Tot Ion:240 Resp: 425267

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

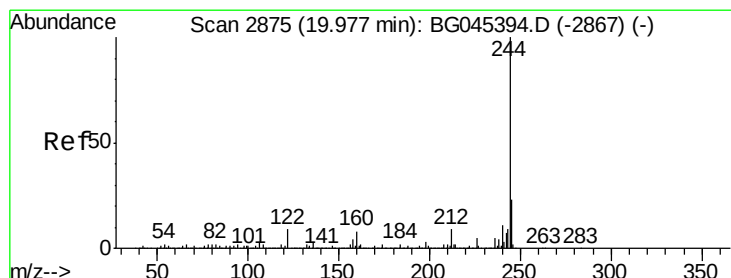
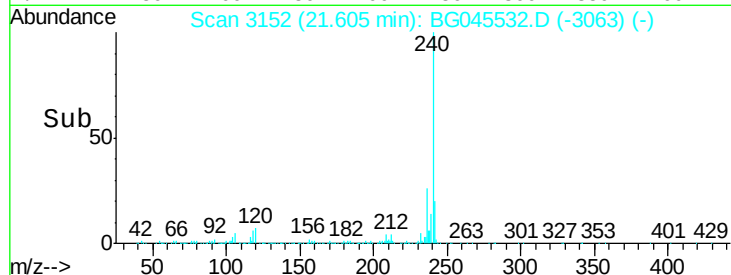
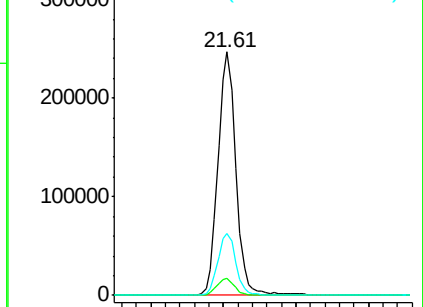
236 25.6 22.3 33.5



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: 65.845 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045532.D

Acq: 29 May 2020 20:40

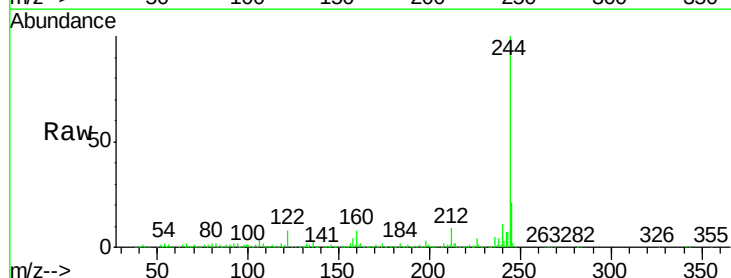
Tgt Ion:244 Resp: 1200597

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

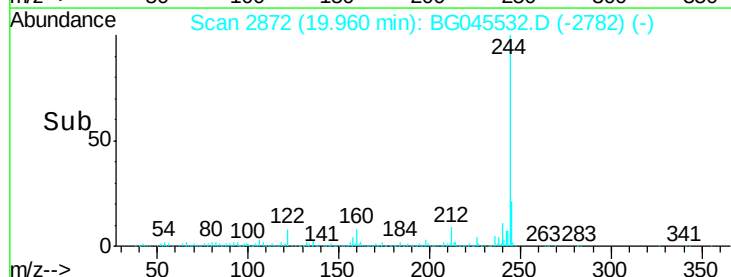
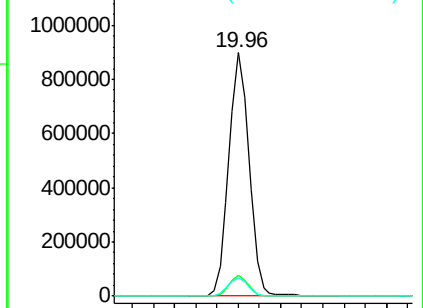
122 7.8 6.8 10.2

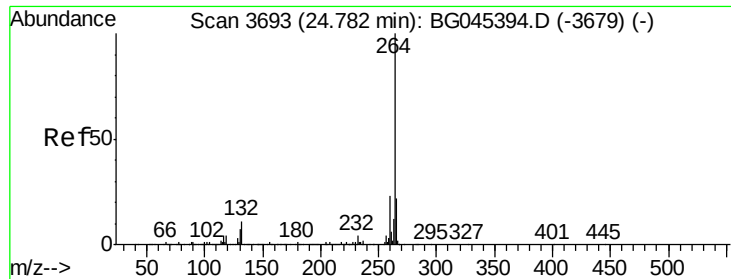


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



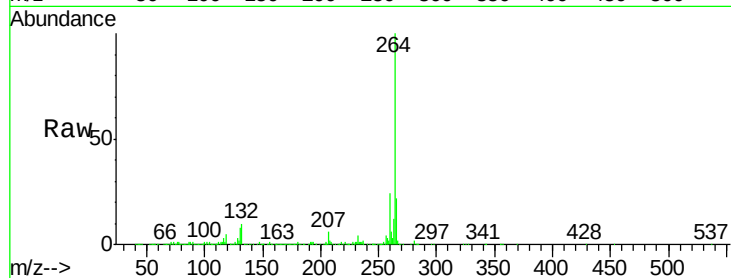


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045532.D
Acq: 29 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :
PAINTED-CURB

Tot Ion: 264 Resp: 463821

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.2	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

