

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045662.D
 Acq On : 9 Jun 2020 13:46
 Operator : CG/JU
 Sample : L2930-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S39-HSVE2-IDW01

Quant Time: Jun 09 15:15:57 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

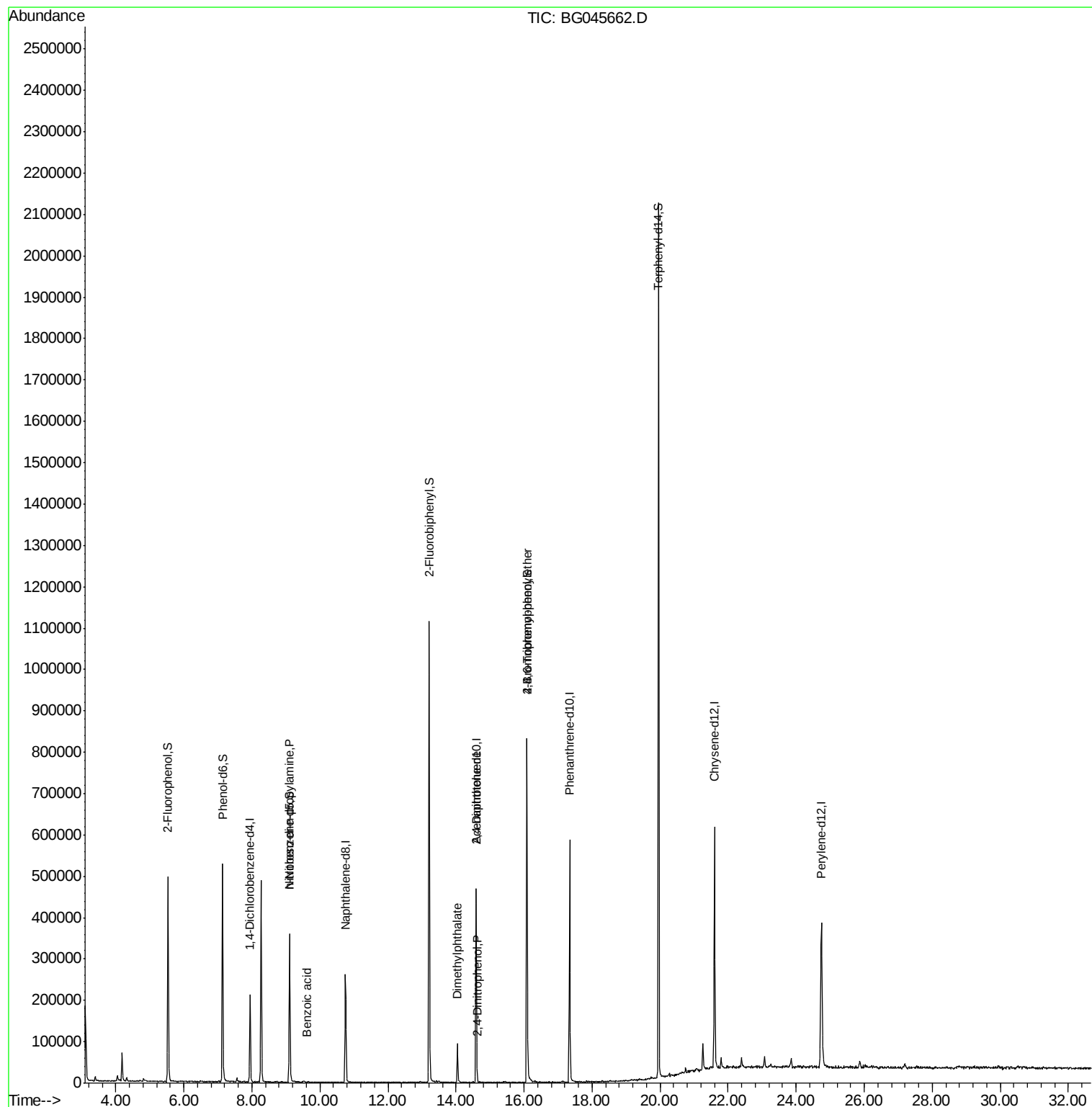
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61944	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	245770	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	174734	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	408946	20.00	ng	0.00
76) Chrysene-d12	21.60	240	398060	20.00	ng	0.00
87) Perylene-d12	24.74	264	406603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	248641	78.44	ng	0.00
7) Phenol-d6	7.14	99	363366	80.55	ng	0.00
23) Nitrobenzene-d5	9.11	82	256821	56.98	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	182248	81.56	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	608203	59.04	ng	0.00
79) Terphenyl-d14	19.96	244	1030965	60.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	35091	11.248	ng	# 78
32) Benzoic acid	9.61	122	61	10.046	ng	# 1
50) Dimethylphthalate	14.05	163	69728	5.817	ng	98
54) 2,4-Dinitrophenol	14.63	184	57	5.489	ng	# 30
57) 2,4-Dinitrotoluene	14.59	165	22746	5.807	ng	# 24
67) 4-Bromophenyl-phenylether	16.09	248	11814	2.668	ng	# 1

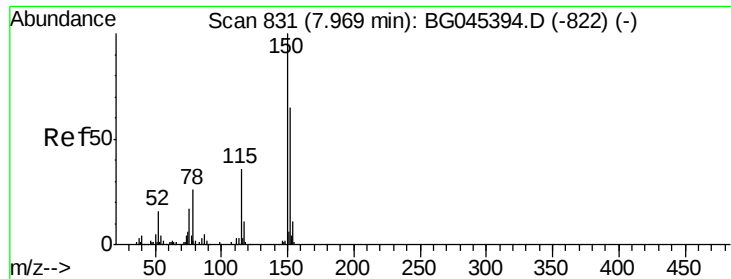
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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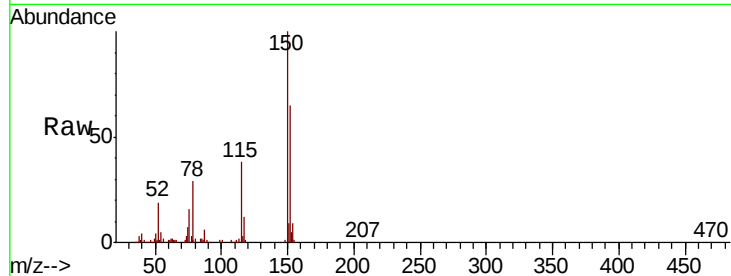


#1

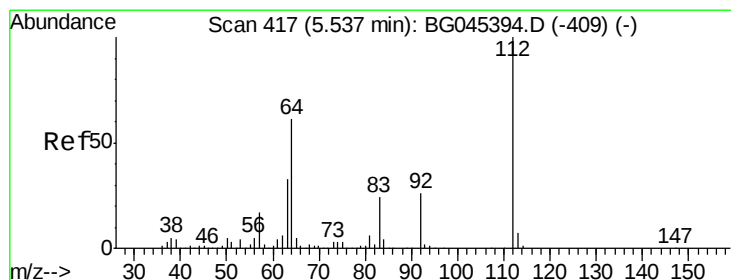
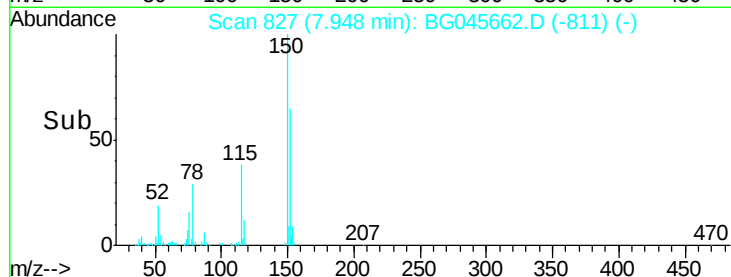
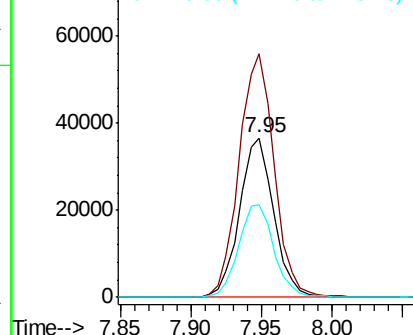
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045662.D
Acq: 9 Jun 2020 13:46

Instrument :
BNA_G
ClientSampleId :
S39-HSVE2-IDW01

Tot Ion:152 Resp: 61944
Ion Ratio Lower Upper
152 100
150 152.8 122.4 183.6
115 58.2 44.2 66.4



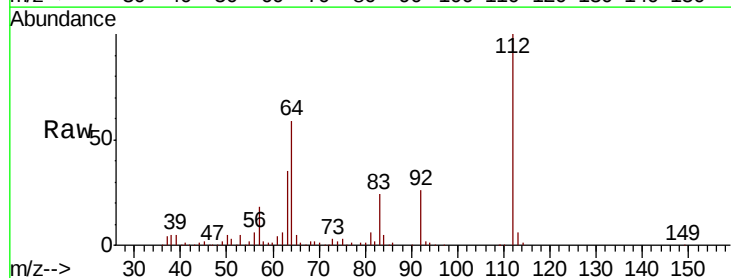
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



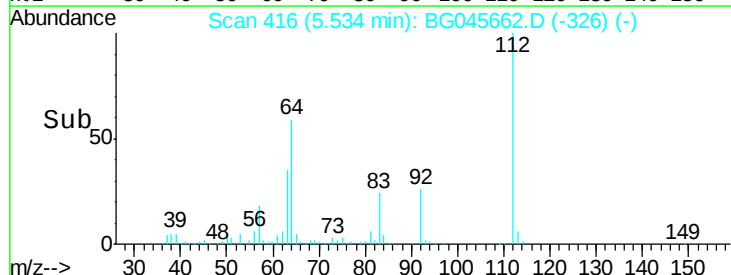
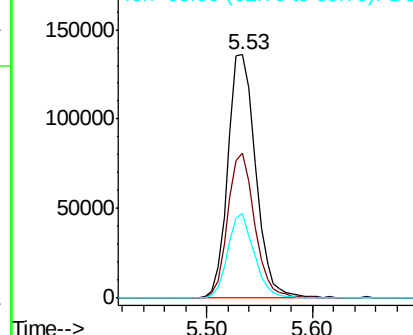
#5

2-Fluorophenol
Concen: 78.445 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045662.D
Acq: 9 Jun 2020 13:46

Tgt Ion:112 Resp: 248641
Ion Ratio Lower Upper
112 100
64 59.4 48.6 72.8
63 35.1 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: 80.545 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045662.D

Acq: 9 Jun 2020 13:46

Instrument :

BNA_G

ClientSampleId :

S39-HSVE2-IDW01

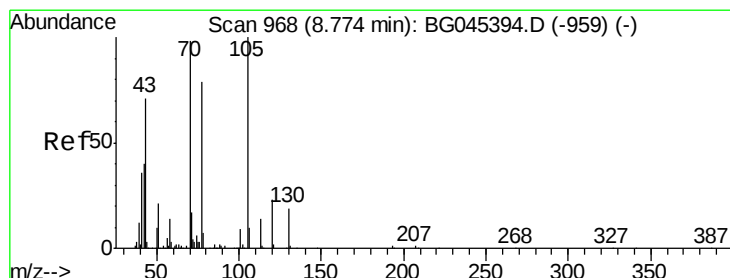
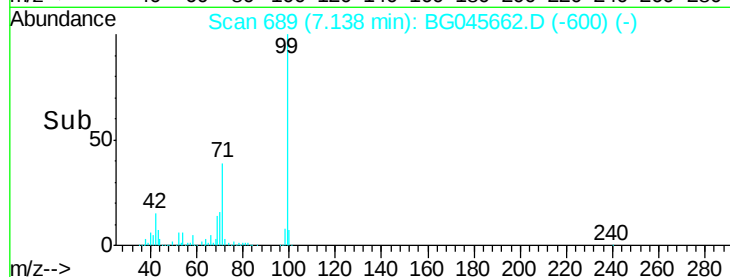
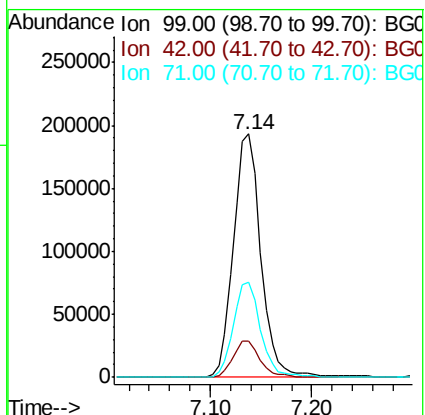
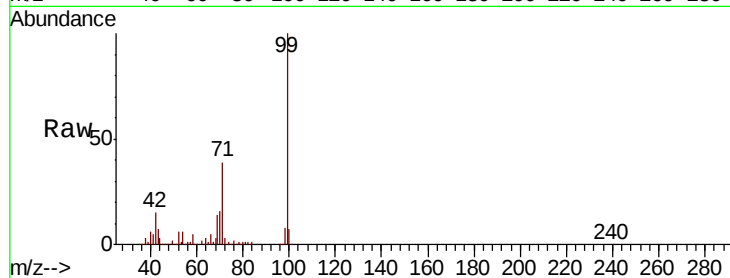
Tot Ion: 99 Resp: 363366

Ion Ratio Lower Upper

99 100

42 14.7 11.3 16.9

71 39.2 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.248 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045662.D

Acq: 9 Jun 2020 13:46

Tgt Ion: 70 Resp: 35091

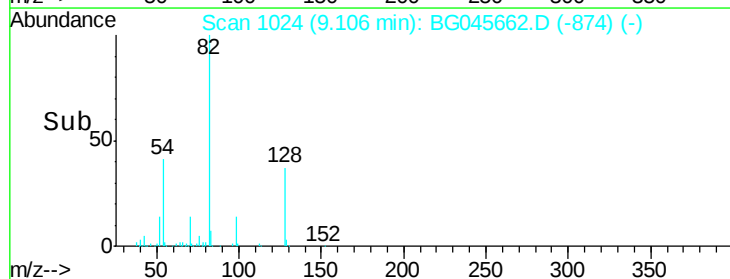
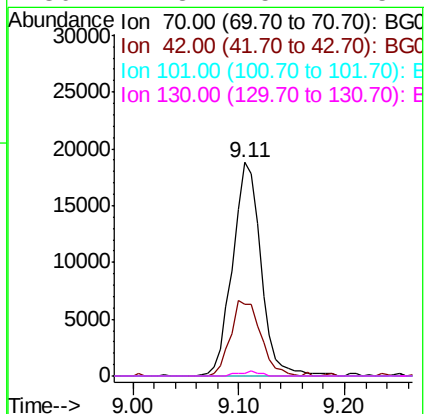
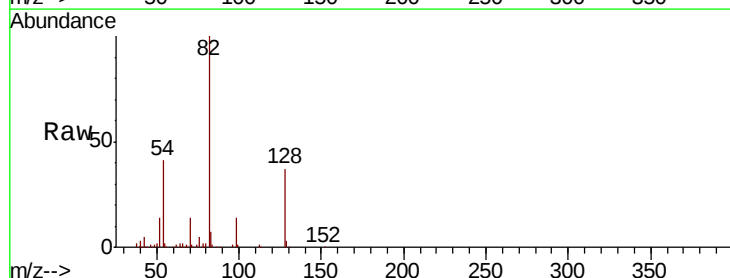
Ion Ratio Lower Upper

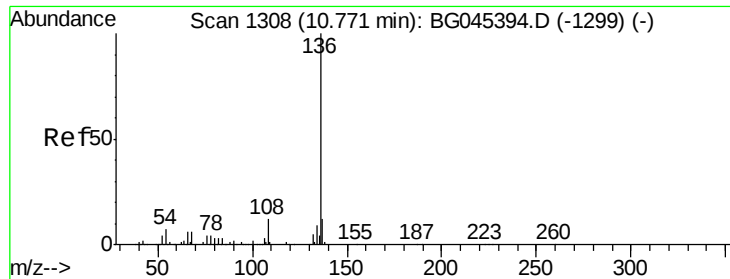
70 100

42 33.7 33.2 49.8

101 0.0 7.8 11.6#

130 1.3 15.4 23.2#

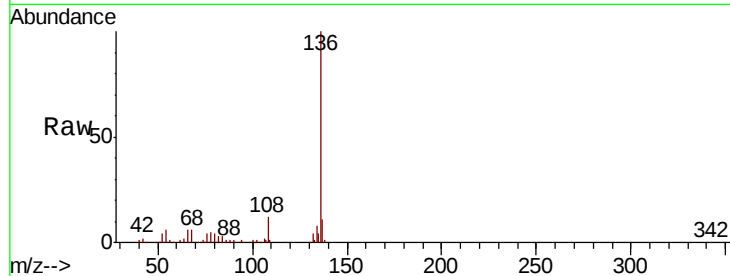




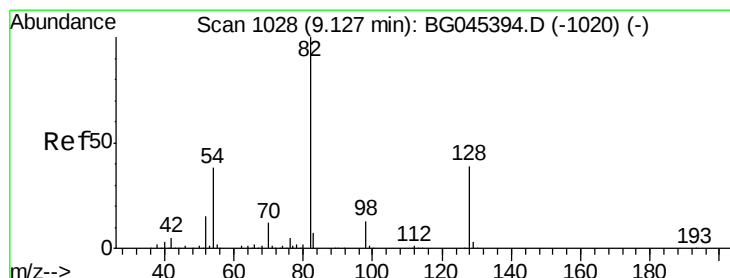
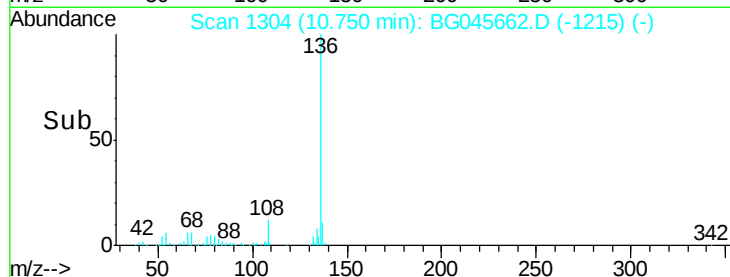
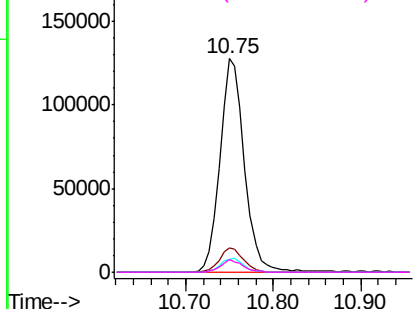
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045662.D
Acq: 9 Jun 2020 13:46

Instrument :
BNA_G
ClientSampleId :
S39-HSVE2-IDW01

Tot Ion:136	Resp:	245770
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.4	14.2
54 6.2	5.8	8.6
68 5.8	4.5	6.7

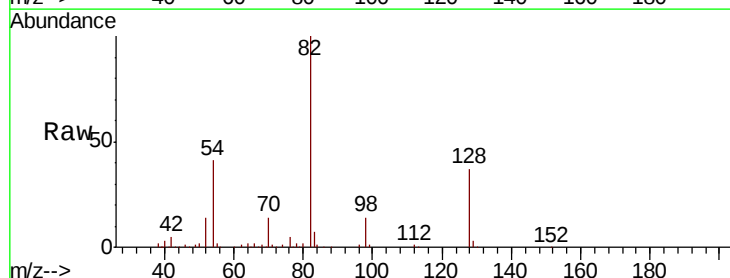


Abundance Ion 136.00 (135.70 to 136.70): BGC
200000
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

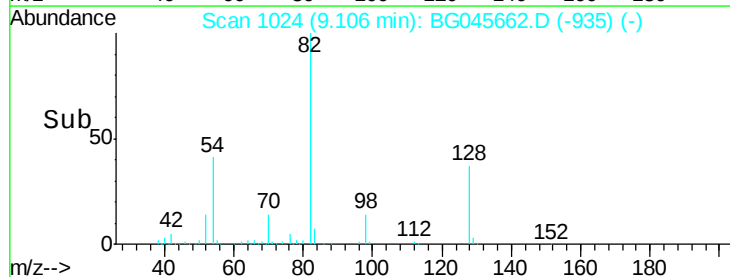
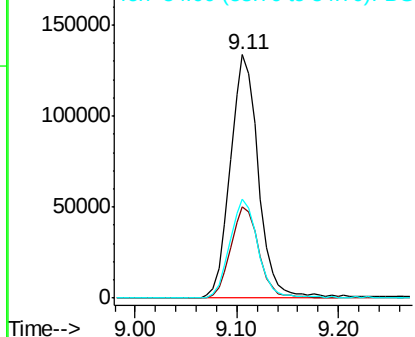


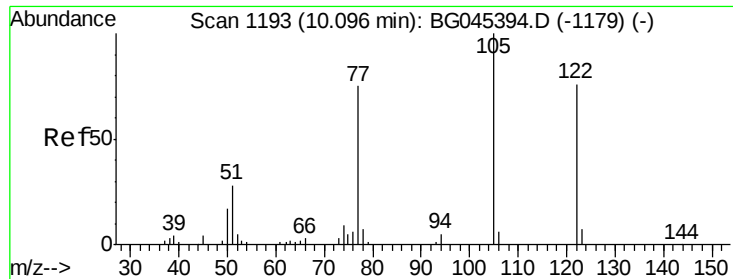
#23
Nitrobenzene-d5
Concen: 56.984 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045662.D
Acq: 9 Jun 2020 13:46

Tgt Ion: 82	Resp: 256821
Ion Ratio	Lower Upper
82 100	
128 37.4	30.9 46.3
54 40.9	30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

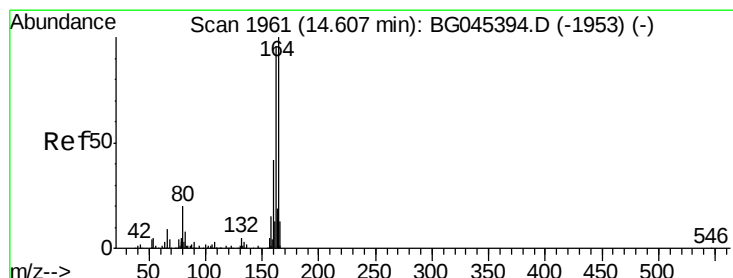
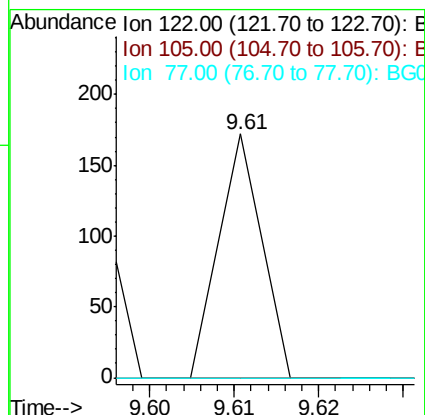
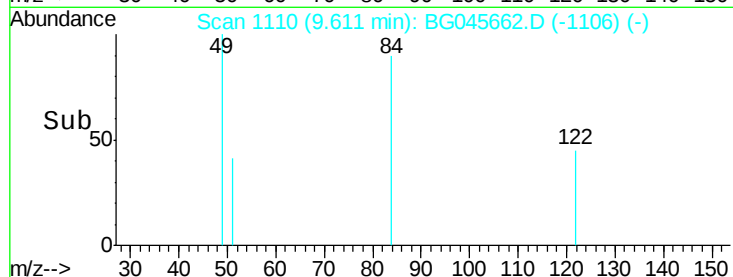
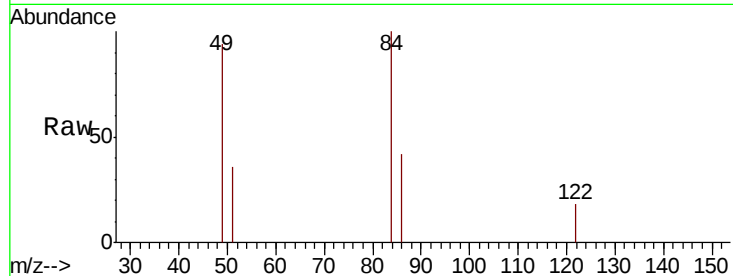




#32
Benzoic acid
Concen: 10.046 ng
RT: 9.61 min Scan# 1110
Delta R.T. -0.51 min
Lab File: BG045662.D
Acq: 9 Jun 2020 13:46

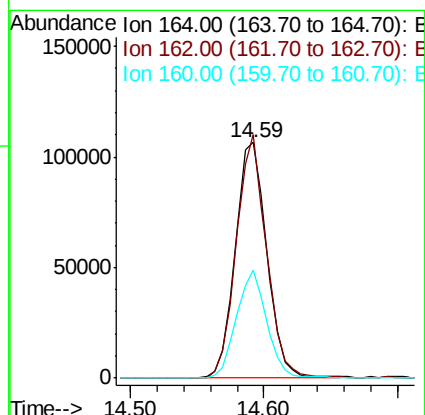
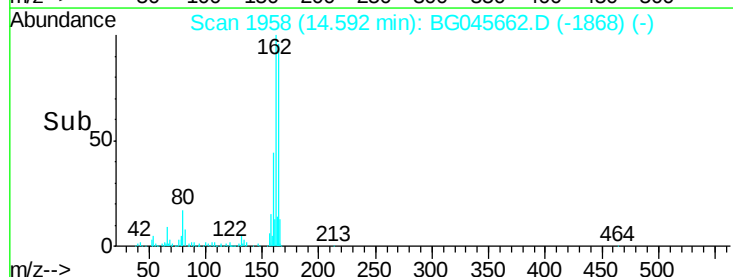
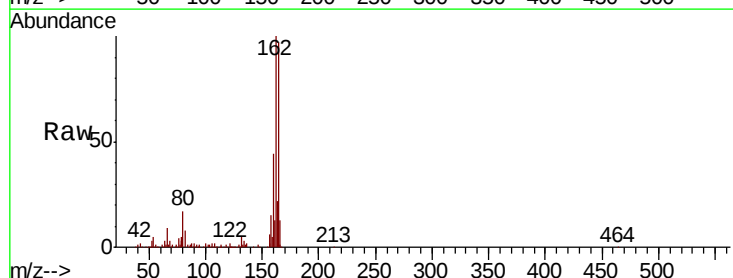
Instrument :
BNA_G
ClientSampleId :
S39-HSVE2-IDW01

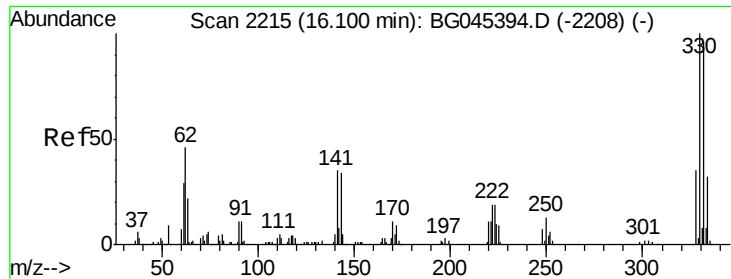
Tot Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 0.0 78.9 118.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045662.D
Acq: 9 Jun 2020 13:46

Tgt Ion:164 Resp: 174734
Ion Ratio Lower Upper
164 100
162 103.4 76.9 115.3
160 45.6 33.8 50.8

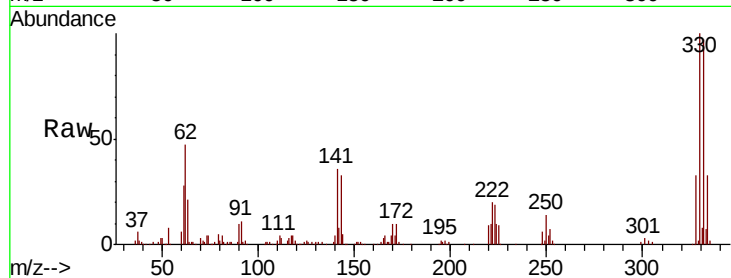




#42
 2,4,6-Tribromophenol
 Concen: 81.555 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045662.D
 Acq: 9 Jun 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 S39-HSVE2-IDW01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	35.2	28.2	42.4

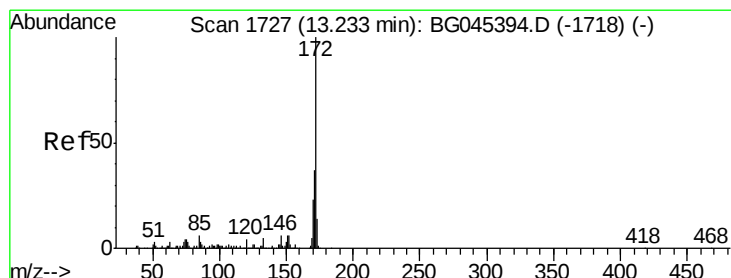
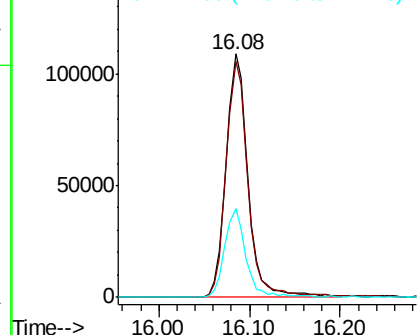
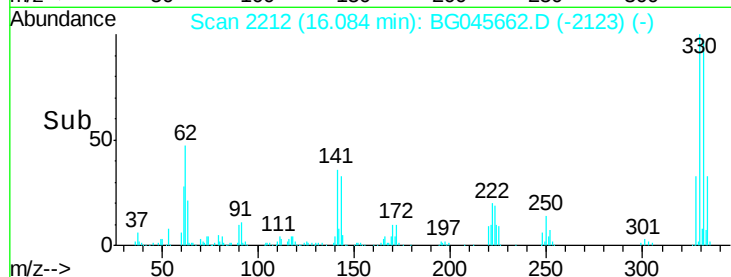


Abundance

Ion 329.80 (329.50 to 330.50): E

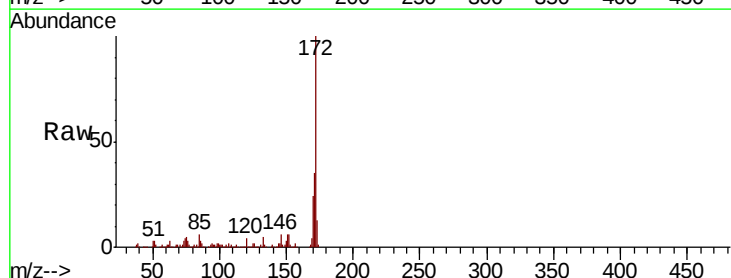
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 59.040 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045662.D
 Acq: 9 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.5	44.3
170	23.7	18.5	27.7

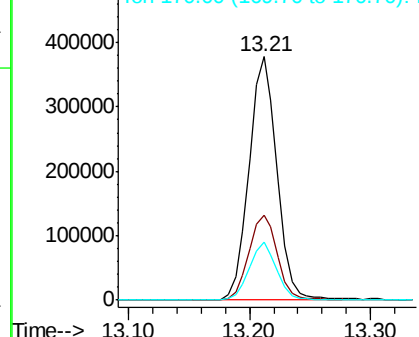
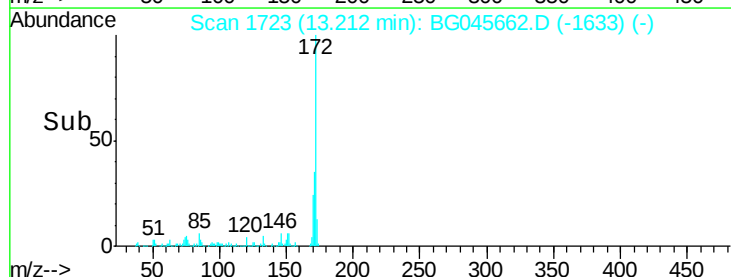


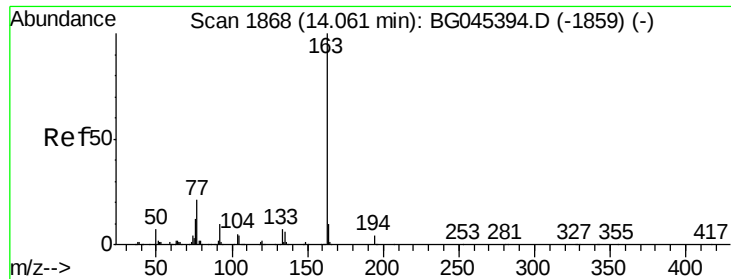
Abundance

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: 5.817 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045662.D

Acq: 9 Jun 2020 13:46

Instrument :

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ClientSampleId :

S39-HSVE2-IDW01

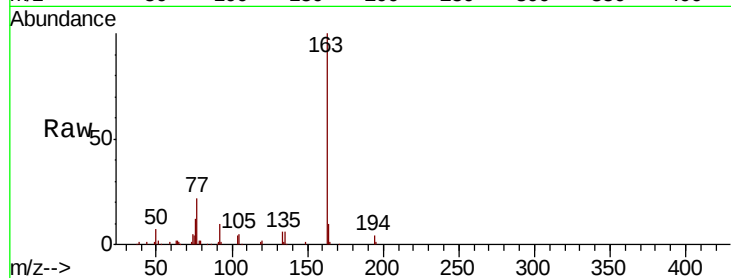
Tot Ion:163 Resp: 69728

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

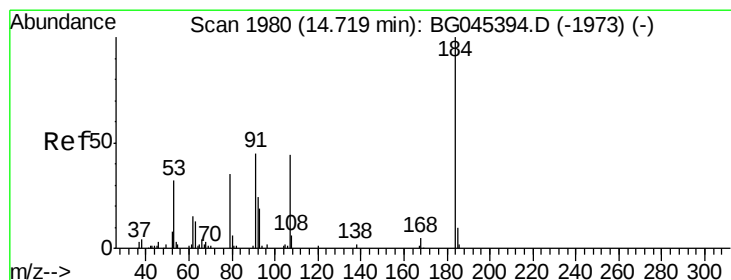
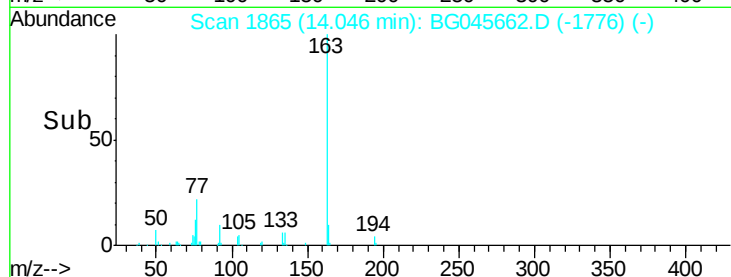
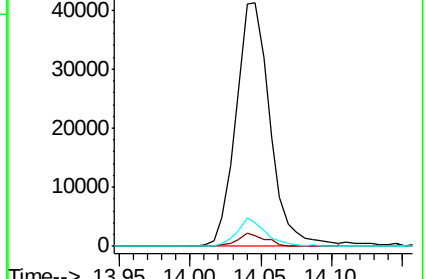
164 9.6 8.3 12.5



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



#54

2,4-Dinitrophenol

Concen: 5.489 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.08 min

Lab File: BG045662.D

Acq: 9 Jun 2020 13:46

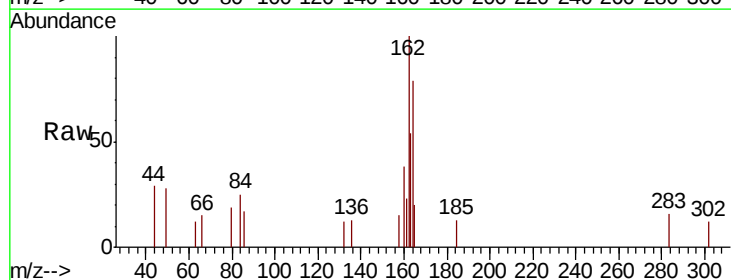
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 97.5 47.8 71.6#

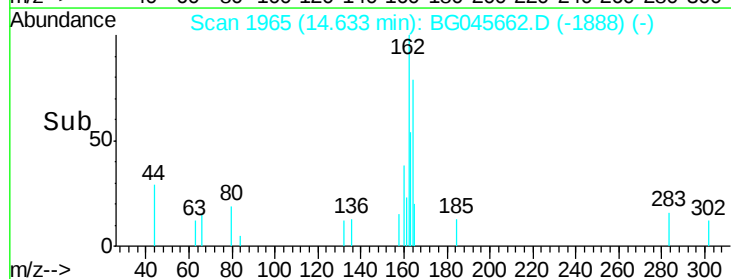
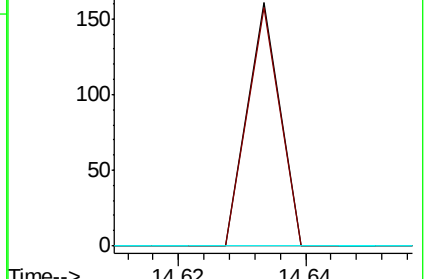
154 0.0 58.3 87.5#

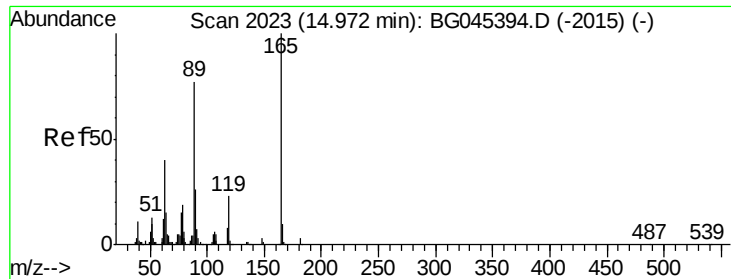


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

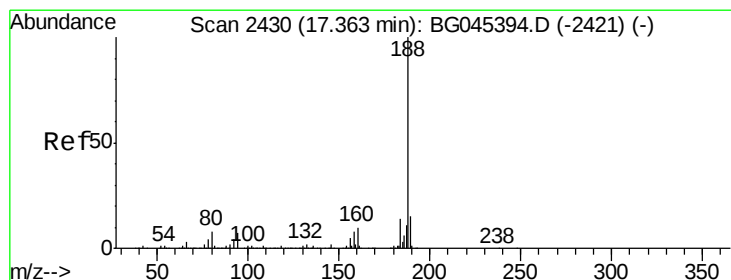
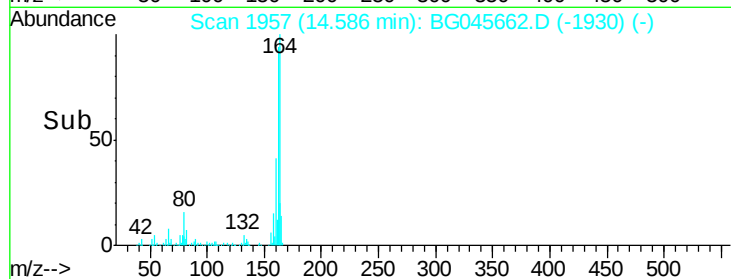
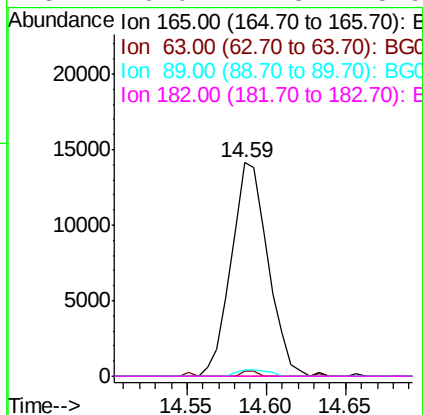
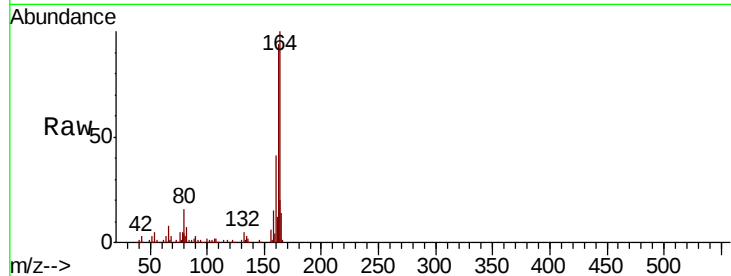




#57
 2,4-Dinitrotoluene
 Concen: 5.807 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.37 min
 Lab File: BG045662.D
 Acq: 9 Jun 2020 13:46

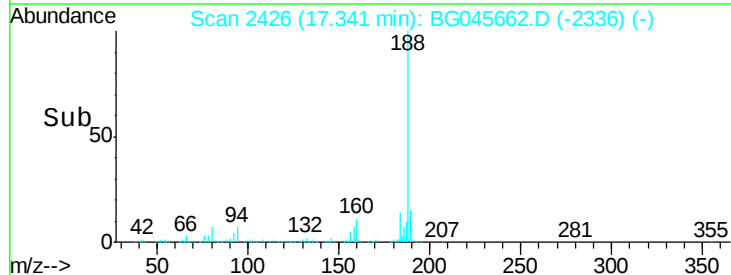
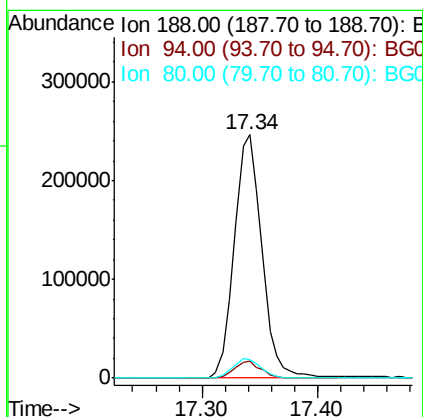
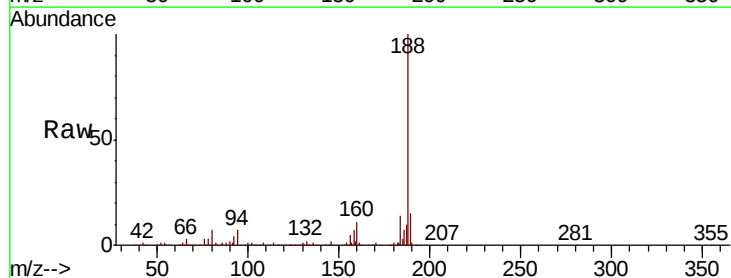
Instrument :
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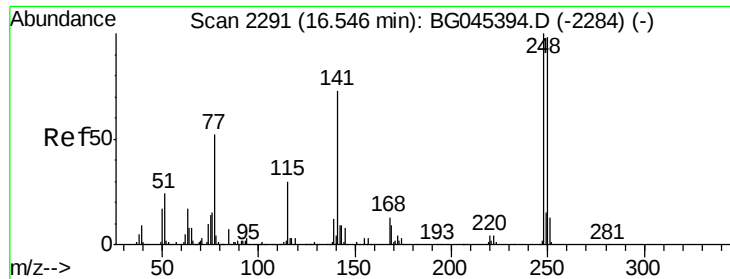
Tot Ion:165 Resp: 22746
 Ion Ratio Lower Upper
 165 100
 63 2.5 32.5 48.7#
 89 3.0 61.8 92.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BG045662.D
 Acq: 9 Jun 2020 13:46

Tgt Ion:188 Resp: 408946
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.5 8.3
 80 7.5 6.6 10.0





#67

4-Bromophenyl-phenylether

Concen: 2.668 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.44 min

Lab File: BG045662.D

Acq: 9 Jun 2020 13:46

Instrument :

BNA_G

ClientSampleId :

S39-HSVE2-IDW01

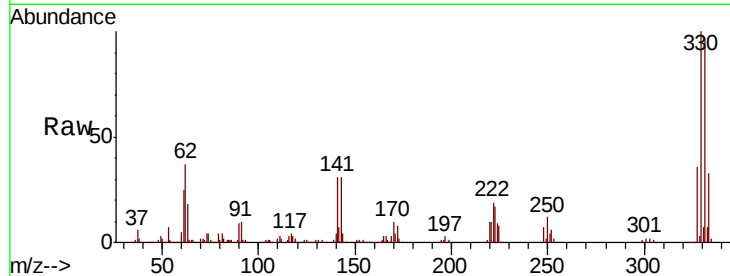
Tot Ion:248 Resp: 11814

Ion Ratio Lower Upper

248 100

250 181.7 78.6 117.8#

141 459.4 58.2 87.2#

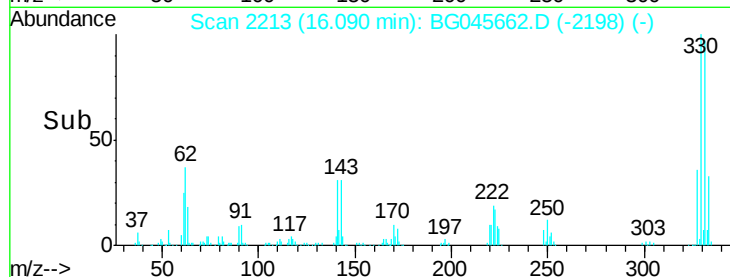


Abundance Ion 248.00 (247.70 to 248.70): E

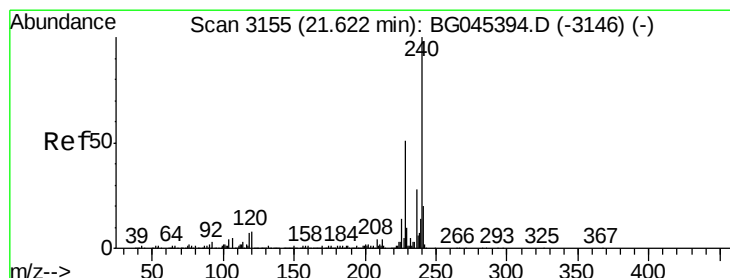
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045662.D

Acq: 9 Jun 2020 13:46

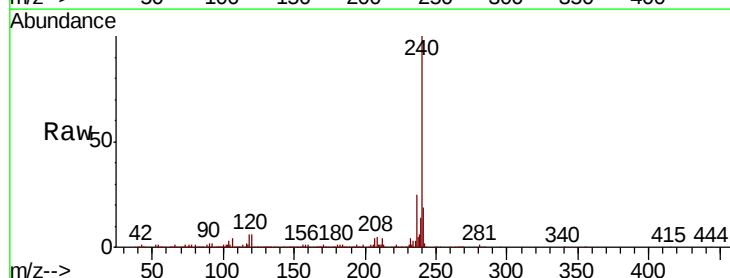
Tgt Ion:240 Resp: 398060

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

236 25.5 22.3 33.5

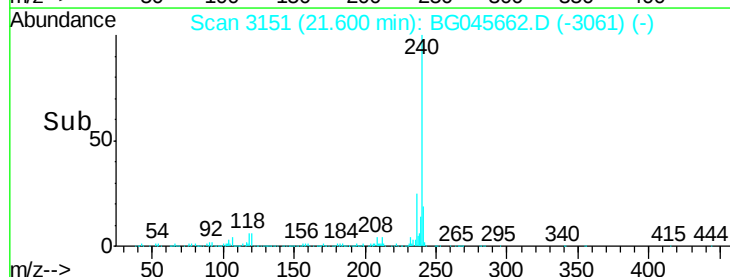


Abundance Ion 240.00 (239.70 to 240.70): E

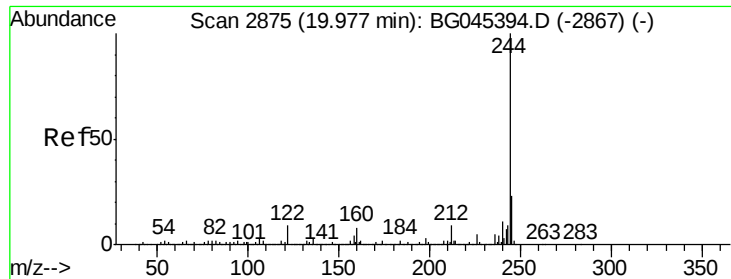
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#79

Terphenyl-d14

Concen: 60.406 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045662.D

Acq: 9 Jun 2020 13:46

Instrument :

BNA_G

ClientSampleId :

S39-HSVE2-IDW01

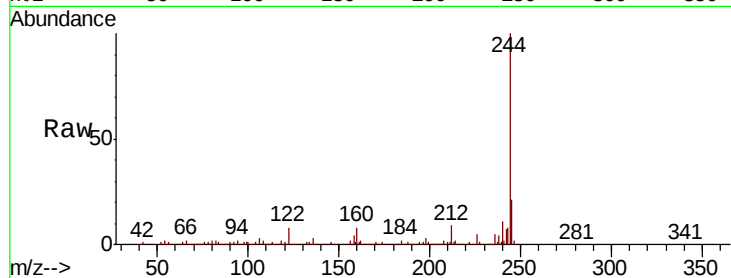
Tot Ion:244 Resp: 1030965

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

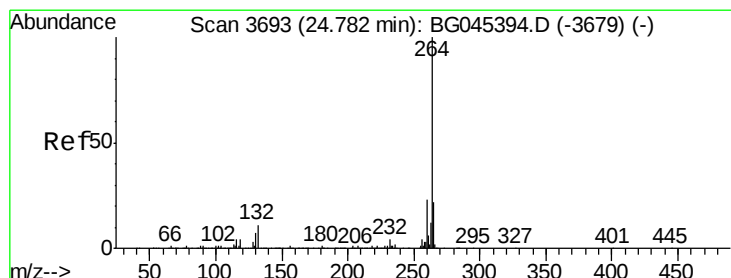
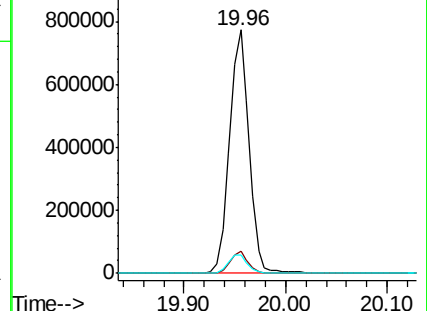
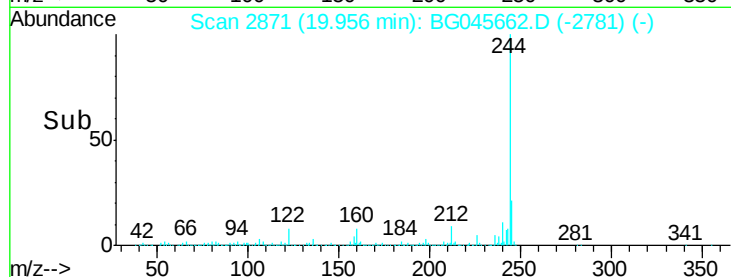
122 7.5 6.8 10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045662.D

Acq: 9 Jun 2020 13:46

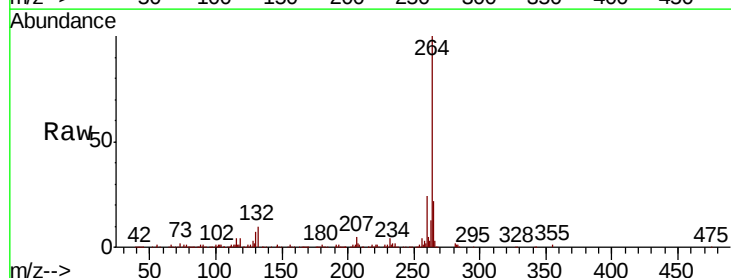
Tgt Ion:264 Resp: 406603

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 22.5 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

