

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045663.D
 Acq On : 9 Jun 2020 14:25
 Operator : CG/JU
 Sample : L2924-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP

Quant Time: Jun 09 15:16:07 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

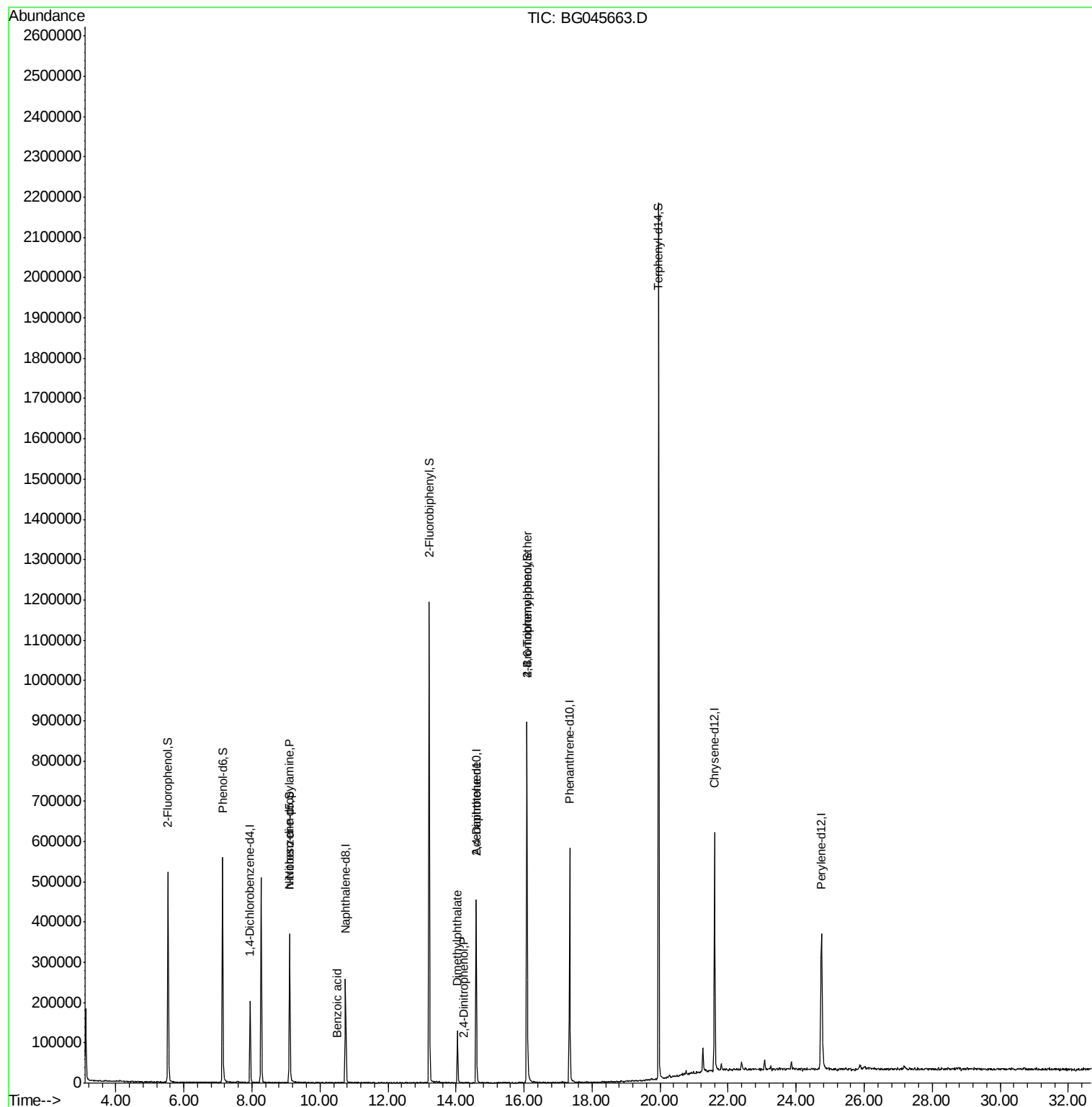
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61266	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	238591	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	170652	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	398612	20.00	ng	0.00
76) Chrysene-d12	21.60	240	394511	20.00	ng	0.00
87) Perylene-d12	24.74	264	411429	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	260412	83.07	ng	0.00
7) Phenol-d6	7.14	99	371593	83.28	ng	-0.01
23) Nitrobenzene-d5	9.11	82	266445	60.90	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	193852	88.82	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	637781	63.39	ng	0.00
79) Terphenyl-d14	19.95	244	1092898	64.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	36215	11.737	ng	# 77
32) Benzoic acid	10.52	122	63	10.047	ng	# 1
50) Dimethylphthalate	14.04	163	96822	8.271	ng	98
54) 2,4-Dinitrophenol	14.21	184	75	5.499	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	21654	5.660	ng	# 24
67) 4-Bromophenyl-phenylether	16.08	248	12908	2.991	ng	# 1

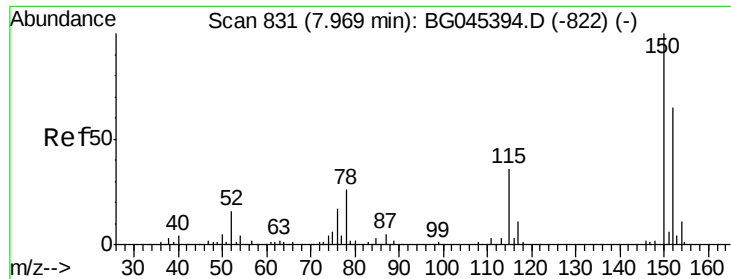
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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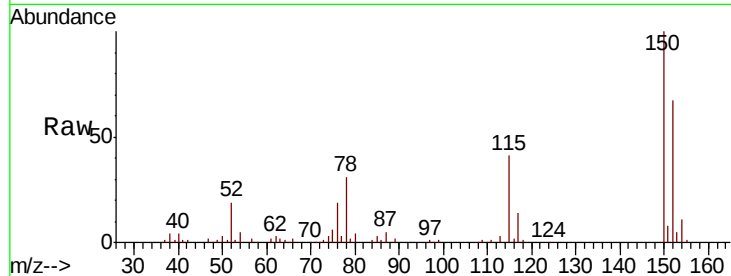


#1

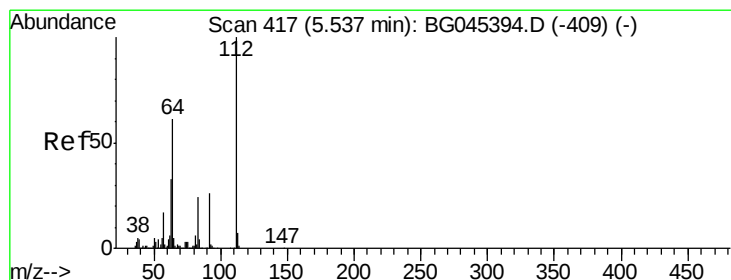
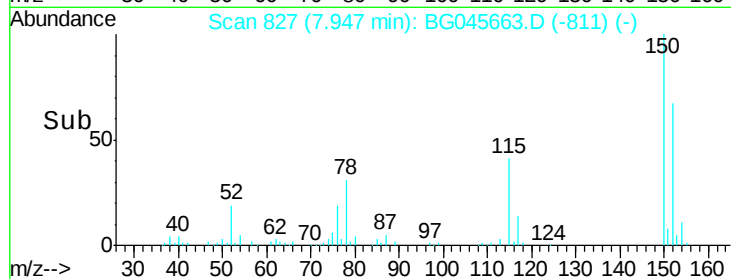
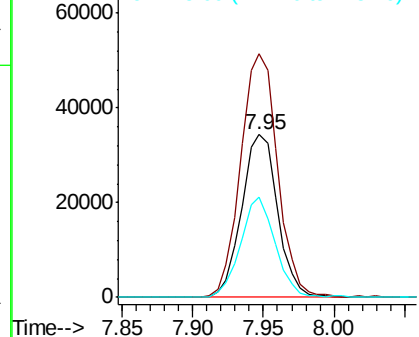
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion:152 Resp: 61266
Ion Ratio Lower Upper
152 100
150 149.6 122.4 183.6
115 61.9 44.2 66.4



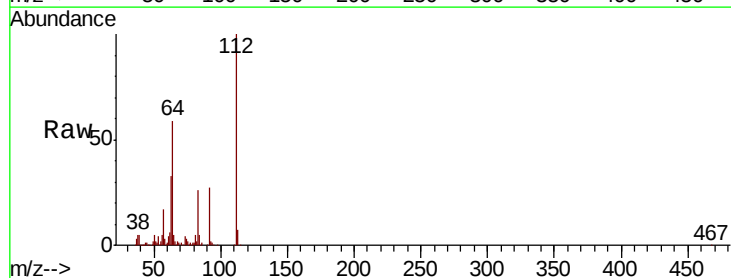
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



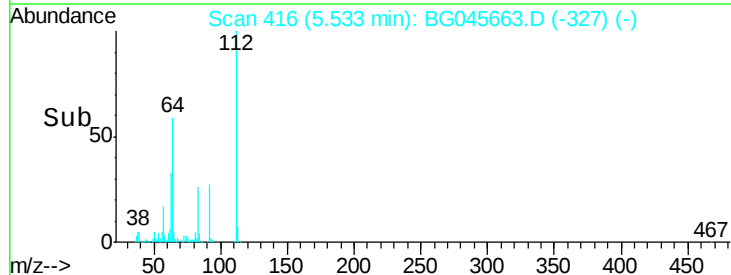
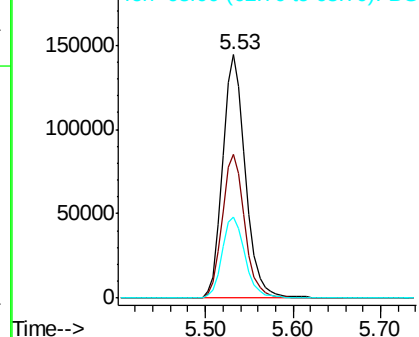
#5

2-Fluorophenol
Concen: 83.068 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Tgt Ion:112 Resp: 260412
Ion Ratio Lower Upper
112 100
64 59.1 48.6 72.8
63 33.4 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: 83.280 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045663.D

Acq: 9 Jun 2020 14:25

Instrument :

BNA_G

ClientSampled :

SP

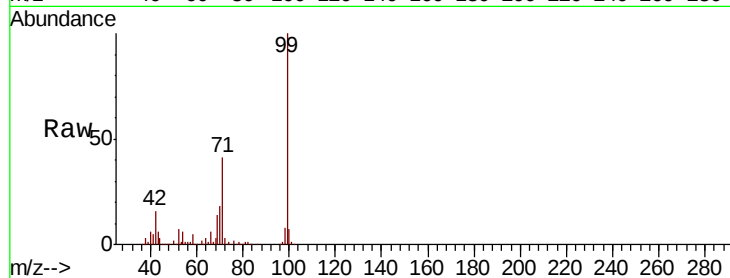
Tot Ion: 99 Resp: 371593

Ion Ratio Lower Upper

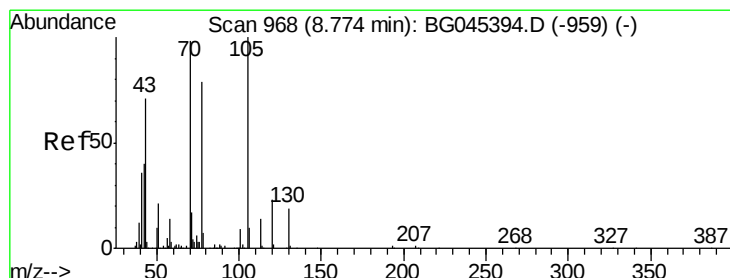
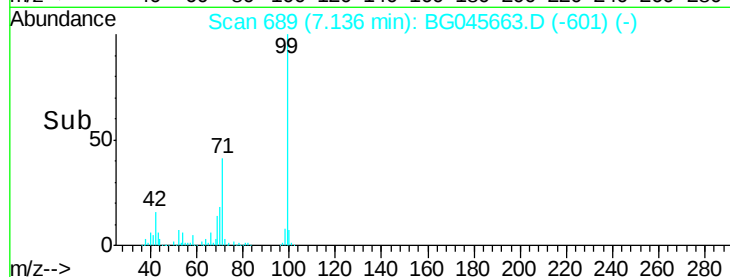
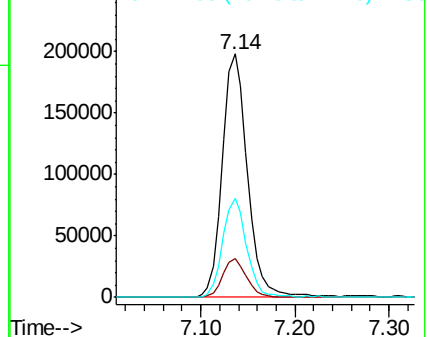
99 100

42 15.8 11.3 16.9

71 40.7 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: 11.737 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045663.D

Acq: 9 Jun 2020 14:25

Tgt Ion: 70 Resp: 36215

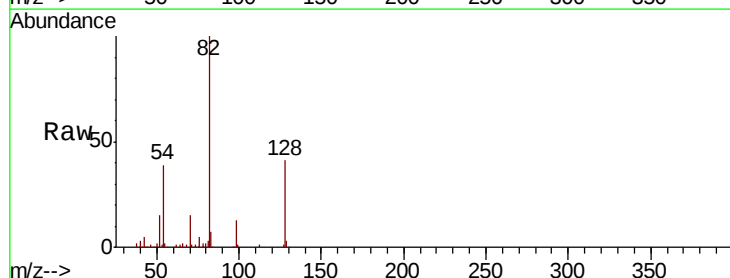
Ion Ratio Lower Upper

70 100

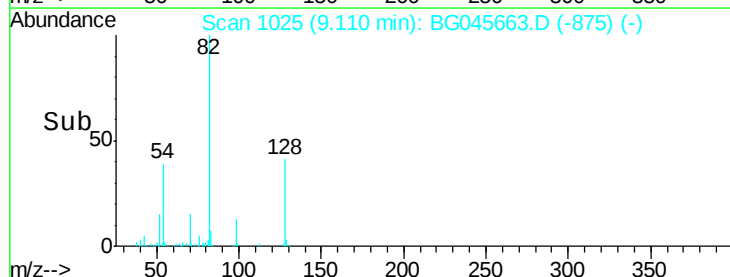
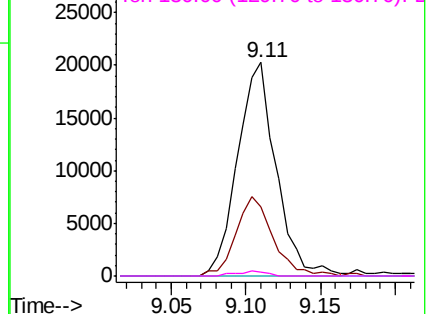
42 32.4 33.2 49.8#

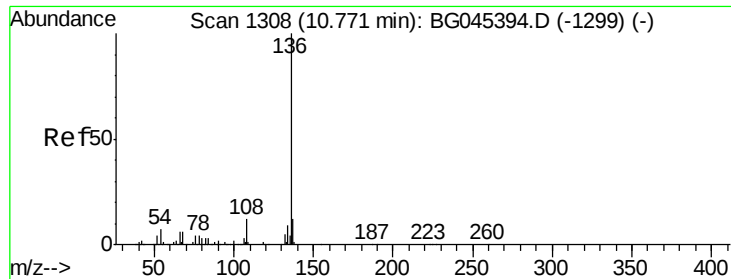
101 0.0 7.8 11.6#

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

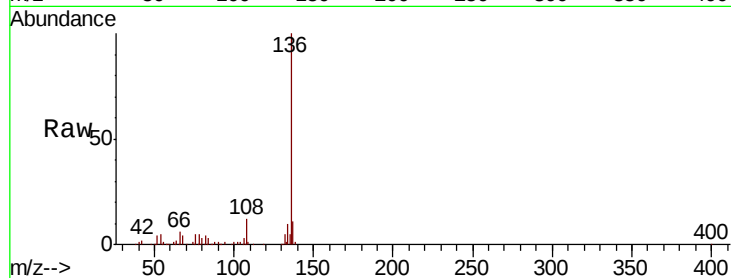




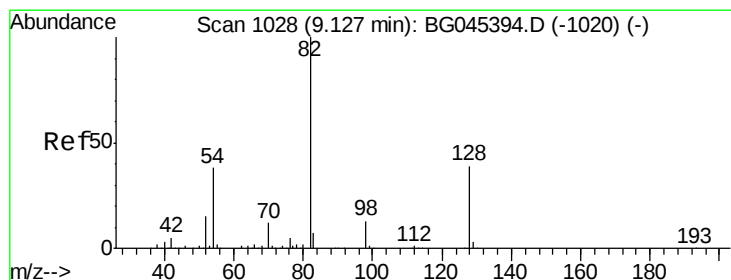
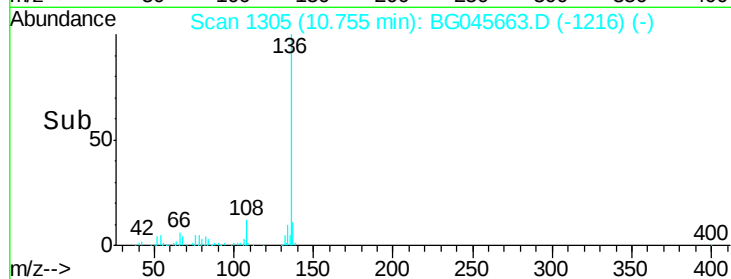
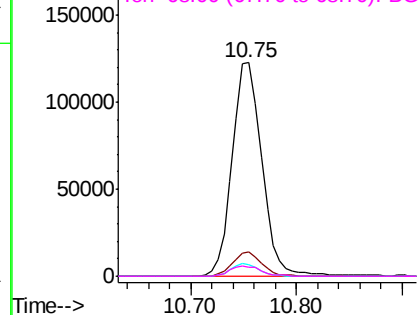
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion:136	Resp:	238591
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.4 14.2
54	5.2	5.8 8.6#
68	4.0	4.5 6.7#

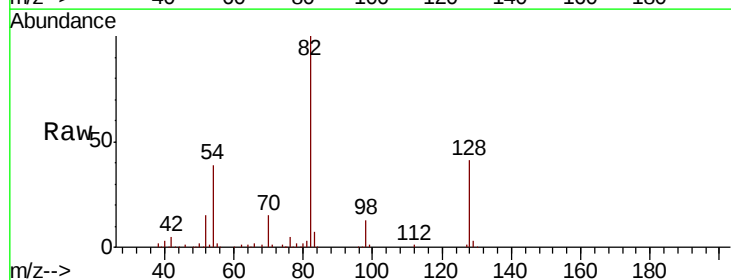


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

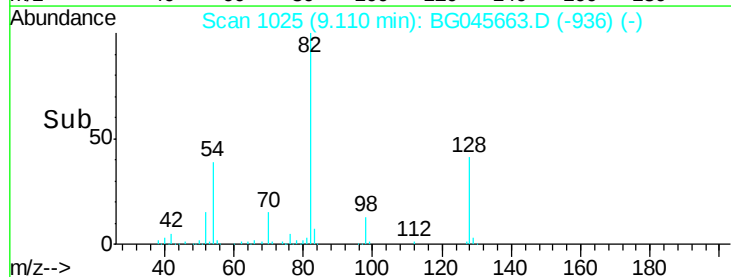
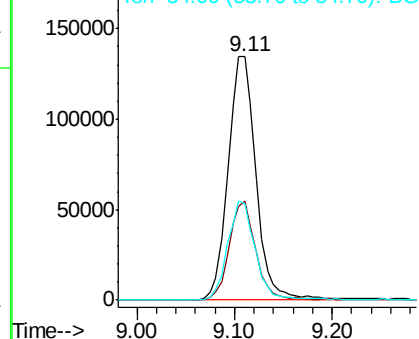


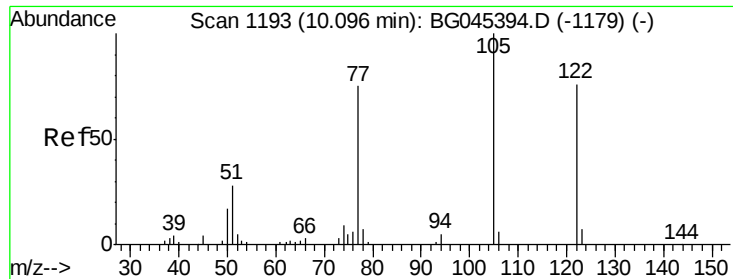
#23
Nitrobenzene-d5
Concen: 60.898 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Tgt Ion: 82	Resp:	266445
Ion Ratio	Lower	Upper
82	100	
128	40.5	30.9 46.3
54	39.4	30.3 45.5



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

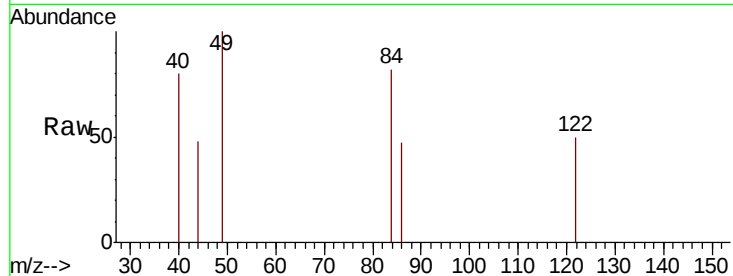




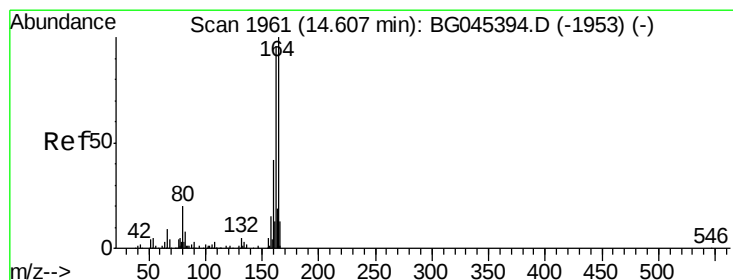
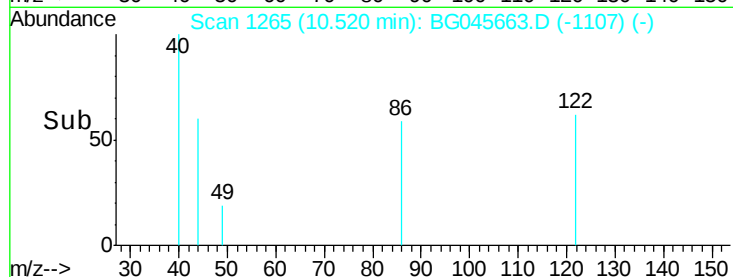
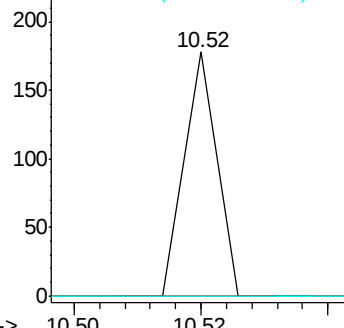
#32
Benzoic acid
Concen: 10.047 ng
RT: 10.52 min Scan# 1265
Delta R.T. 0.40 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 0.0 78.9 118.9#

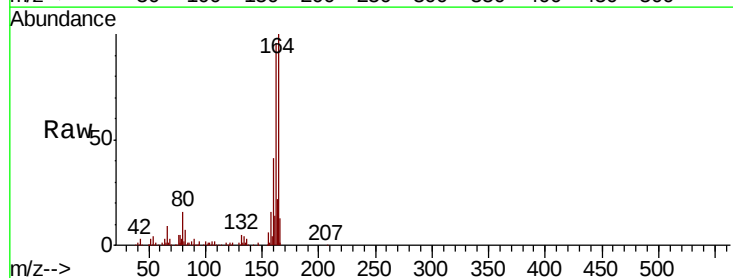


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

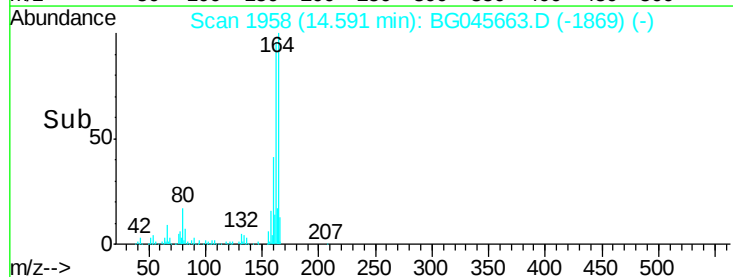
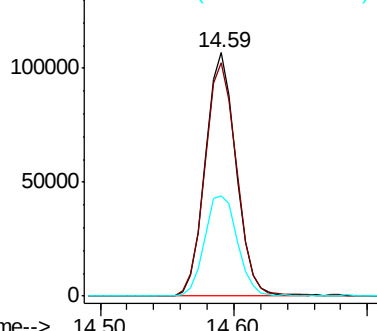


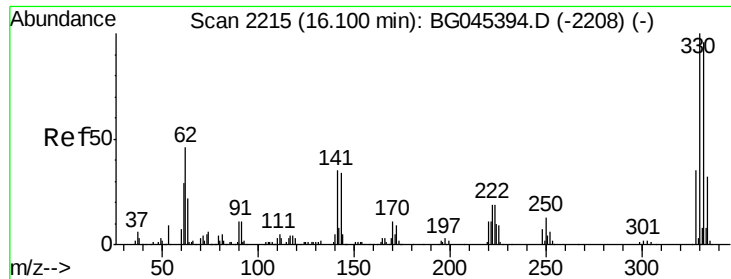
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Tgt Ion:164 Resp: 170652
Ion Ratio Lower Upper
164 100
162 95.9 76.9 115.3
160 41.2 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

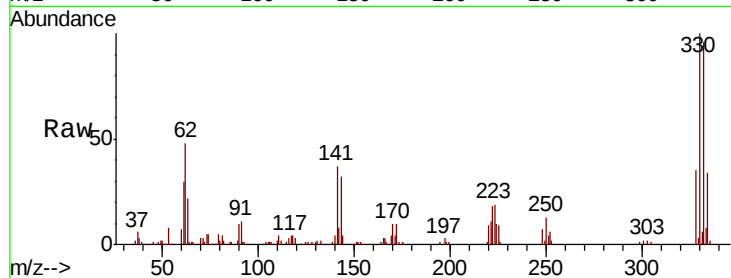




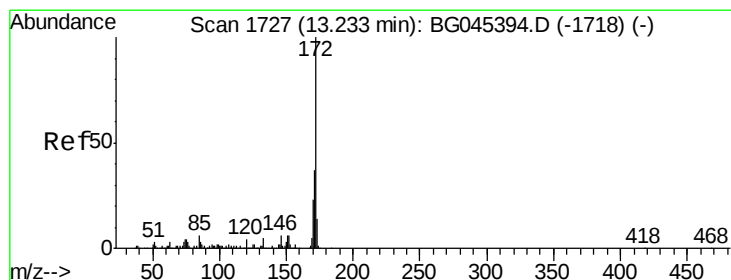
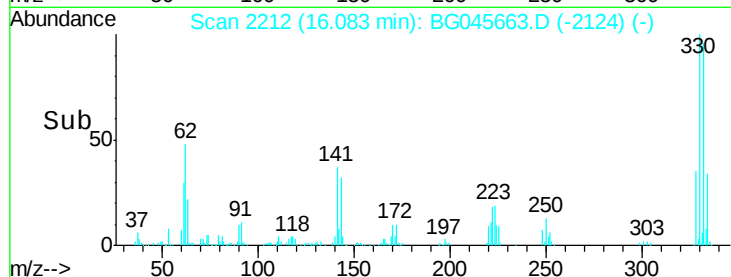
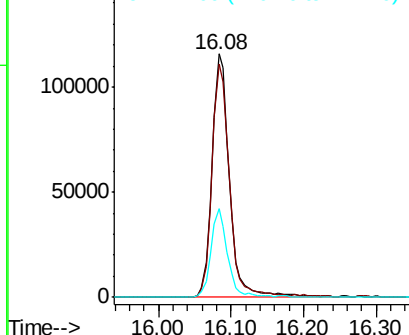
#42
 2,4,6-Tribromophenol
 Concen: 88.823 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045663.D
 Acq: 9 Jun 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SP

Tot Ion:330 Resp: 193852
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.4
 141 34.3 28.2 42.4

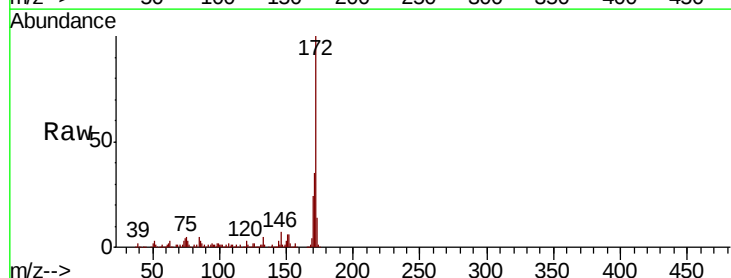


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

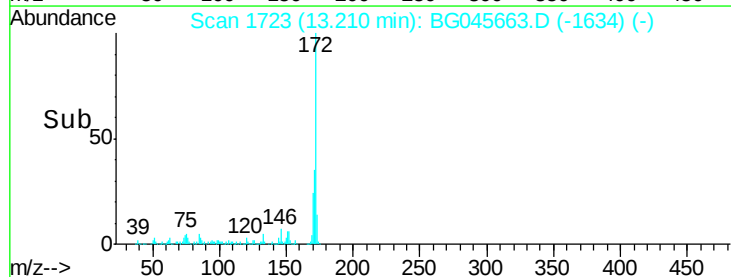
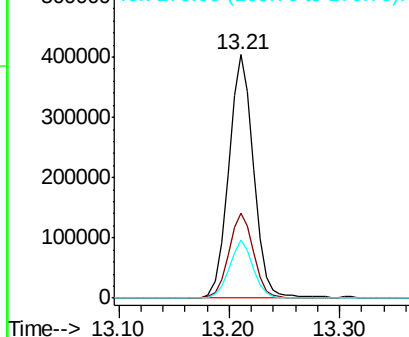


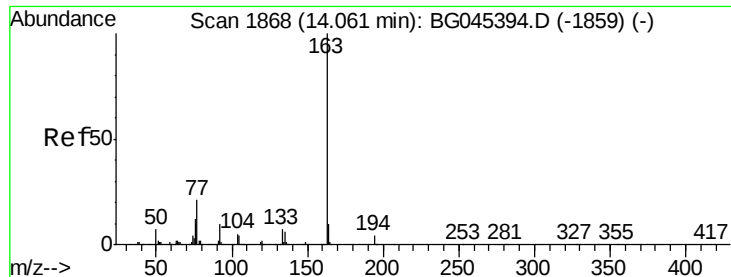
#45
 2-Fluorobiphenyl
 Concen: 63.393 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045663.D
 Acq: 9 Jun 2020 14:25

Tgt Ion:172 Resp: 637781
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.5 44.3
 170 23.9 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: 8.271 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045663.D

Acq: 9 Jun 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SP

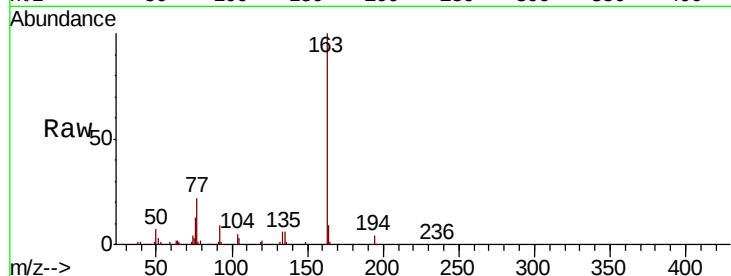
Tot Ion:163 Resp: 96822

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

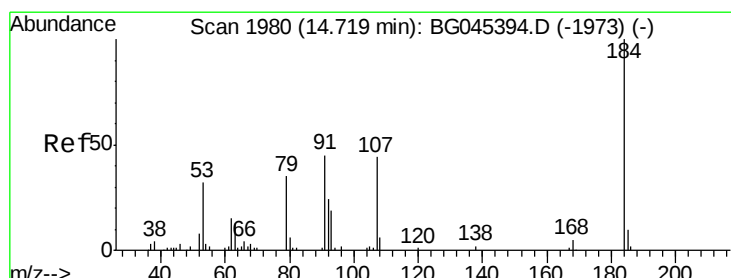
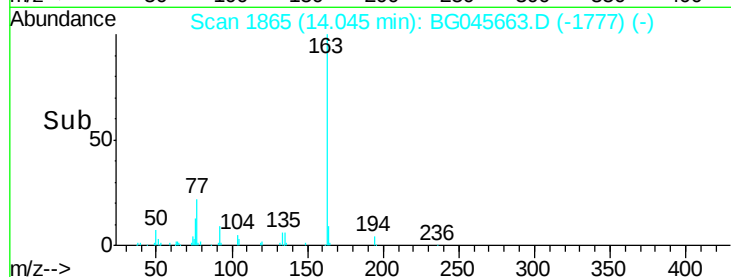
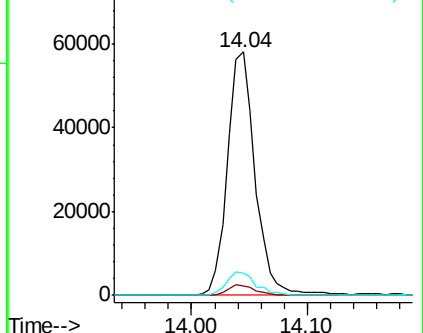
164 9.3 8.3 12.5



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: 5.499 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.50 min

Lab File: BG045663.D

Acq: 9 Jun 2020 14:25

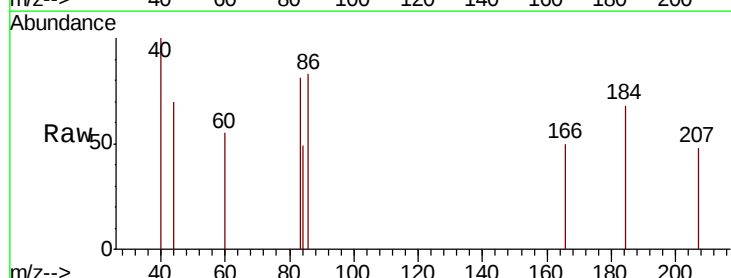
Tgt Ion:184 Resp: 75

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

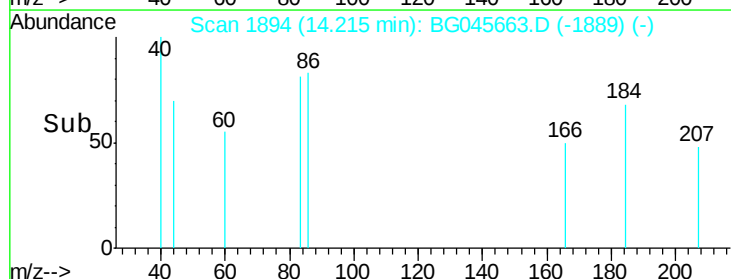
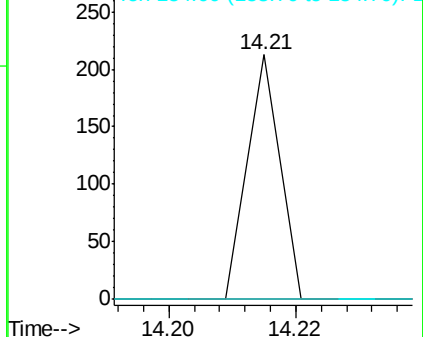
154 0.0 58.3 87.5#

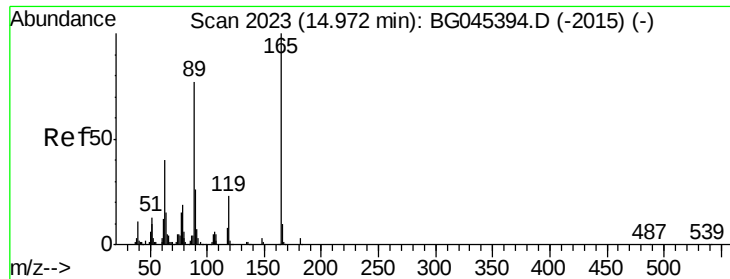


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

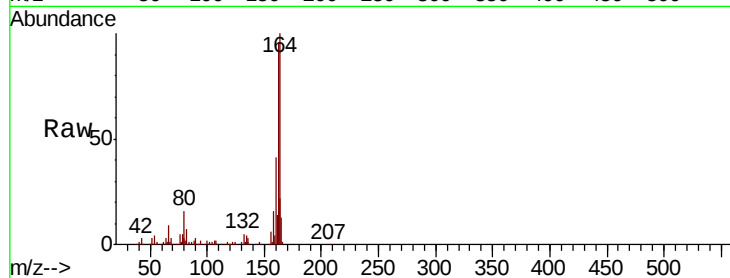




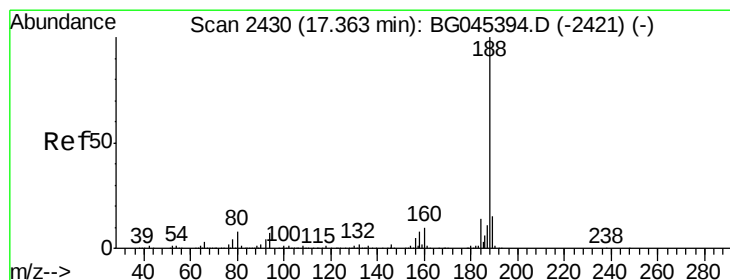
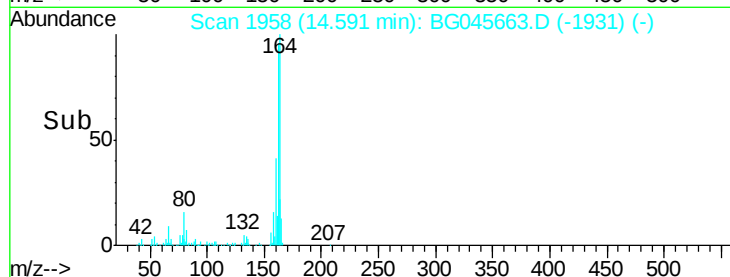
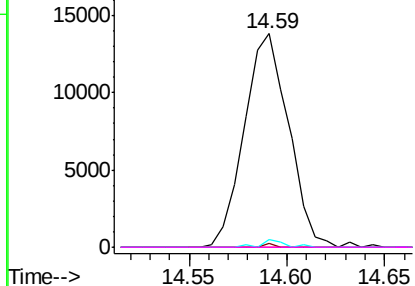
#57
2,4-Dinitrotoluene
Concen: 5.660 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion:165 Resp: 21654
Ion Ratio Lower Upper
165 100
63 1.7 32.5 48.7#
89 3.5 61.8 92.6#
182 0.0 2.3 3.5#

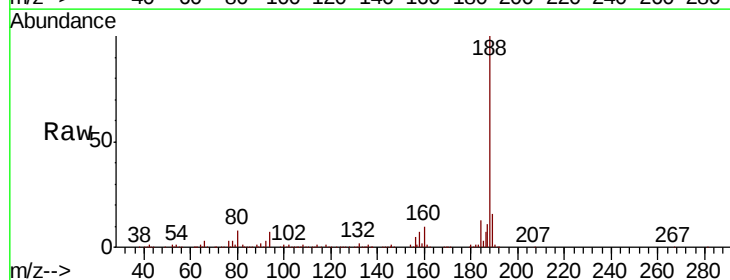


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

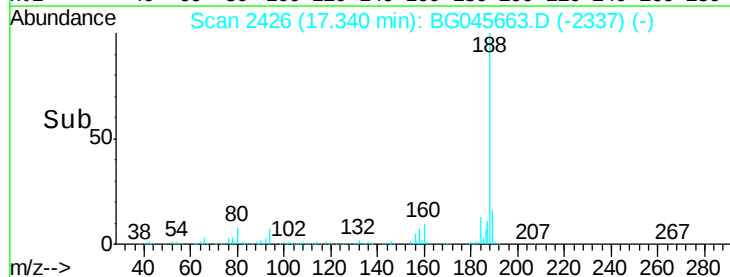
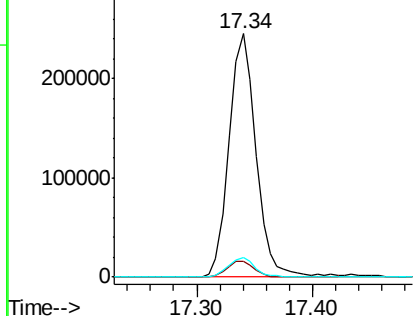


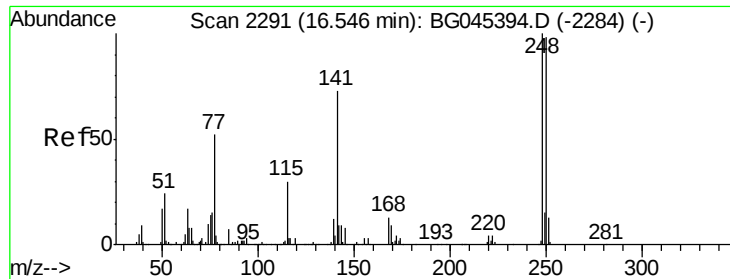
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Tgt Ion:188 Resp: 398612
Ion Ratio Lower Upper
188 100
94 6.7 5.5 8.3
80 8.0 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

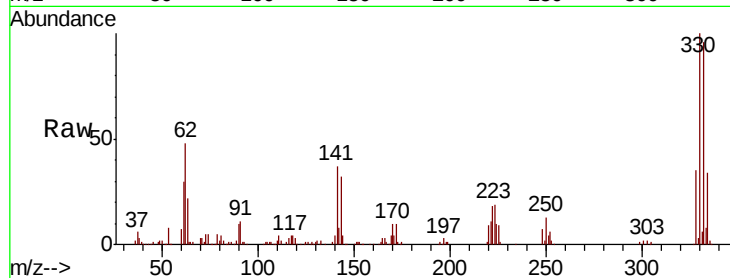




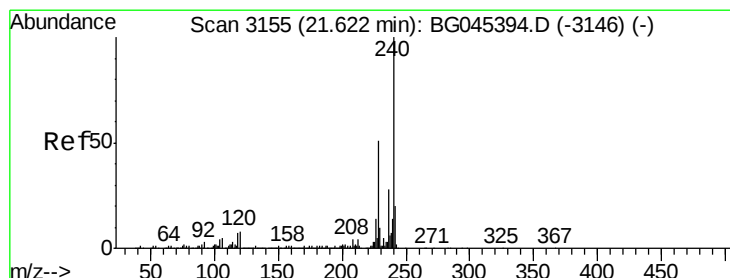
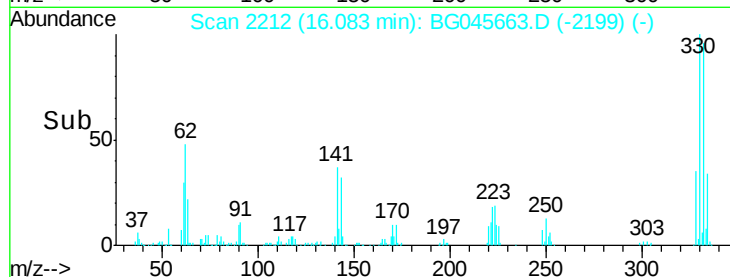
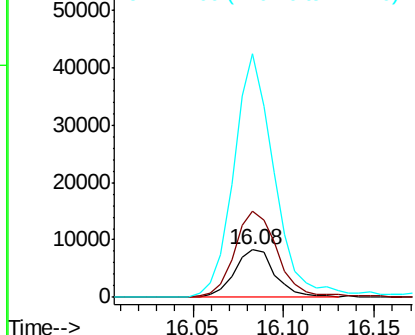
#67
4-Bromophenyl-phenylether
Concen: 2.991 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Instrument :
BNA_G
ClientSampled :
SP

Tot Ion:248 Resp: 12908
Ion Ratio Lower Upper
248 100
250 181.5 78.6 117.8#
141 516.0 58.2 87.2#

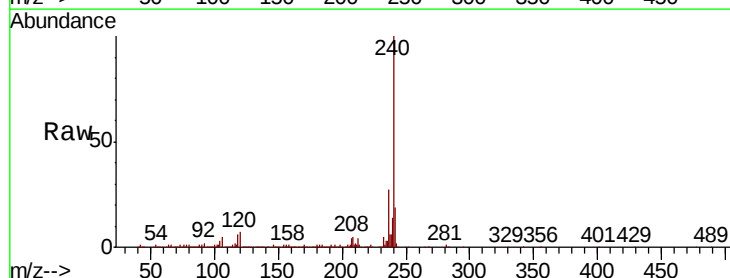


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

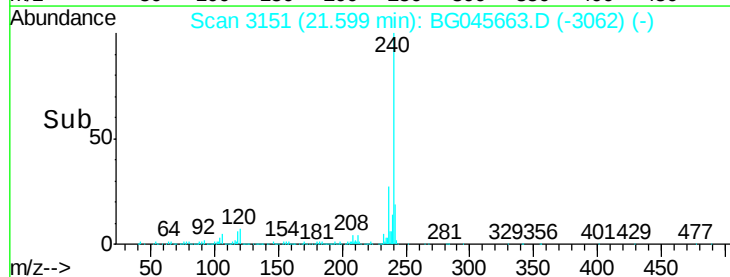
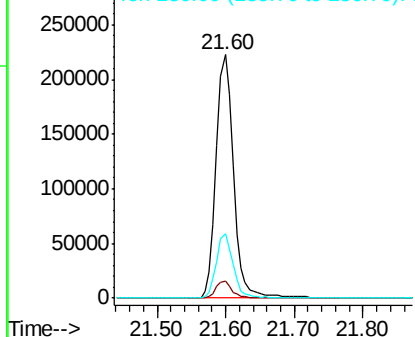


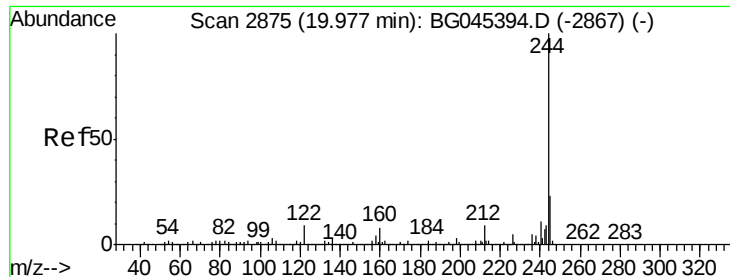
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Tgt Ion:240 Resp: 394511
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 26.5 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





#79

Terphenyl-d14

Concen: 64.611 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045663.D

Acq: 9 Jun 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SP

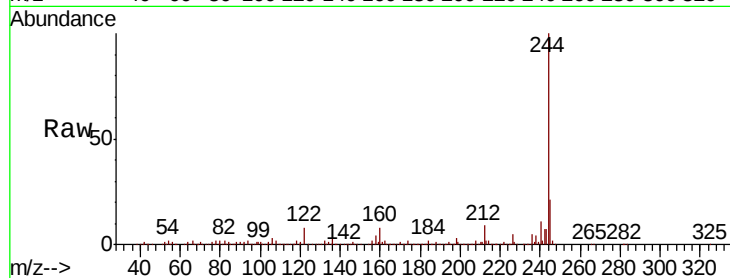
Tot Ion:244 Resp: 1092898

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.0

122 7.5 6.8 10.2

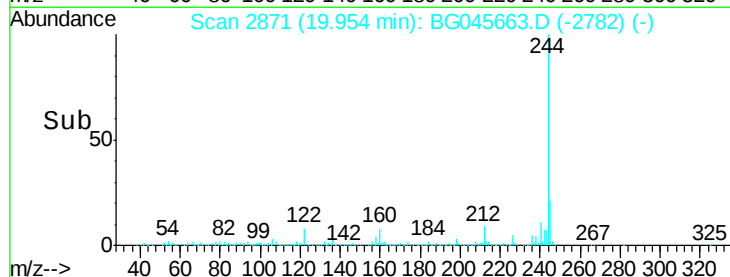


Abundance Ion 244.00 (243.70 to 244.70): E

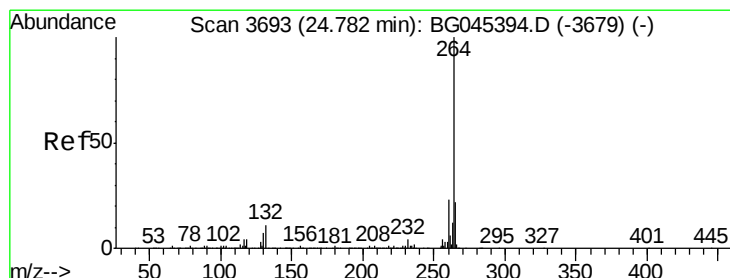
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.95



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045663.D

Acq: 9 Jun 2020 14:25

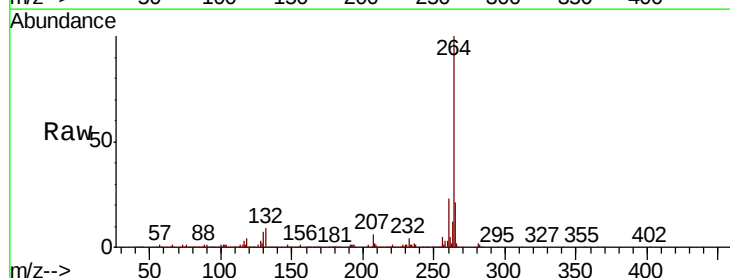
Tgt Ion:264 Resp: 411429

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 21.0 17.6 26.4

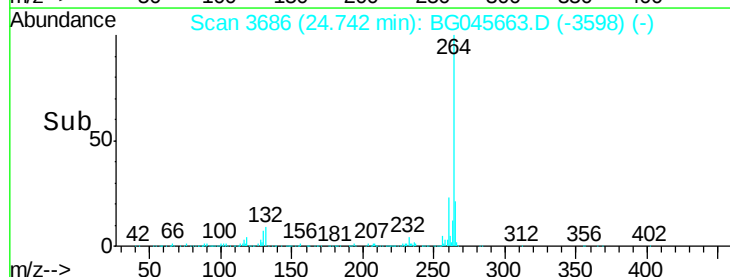


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.74



Time-->