

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045666.D
 Acq On : 9 Jun 2020 16:26
 Operator : CG/JU
 Sample : L2904-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11

Quant Time: Jun 09 18:18:54 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

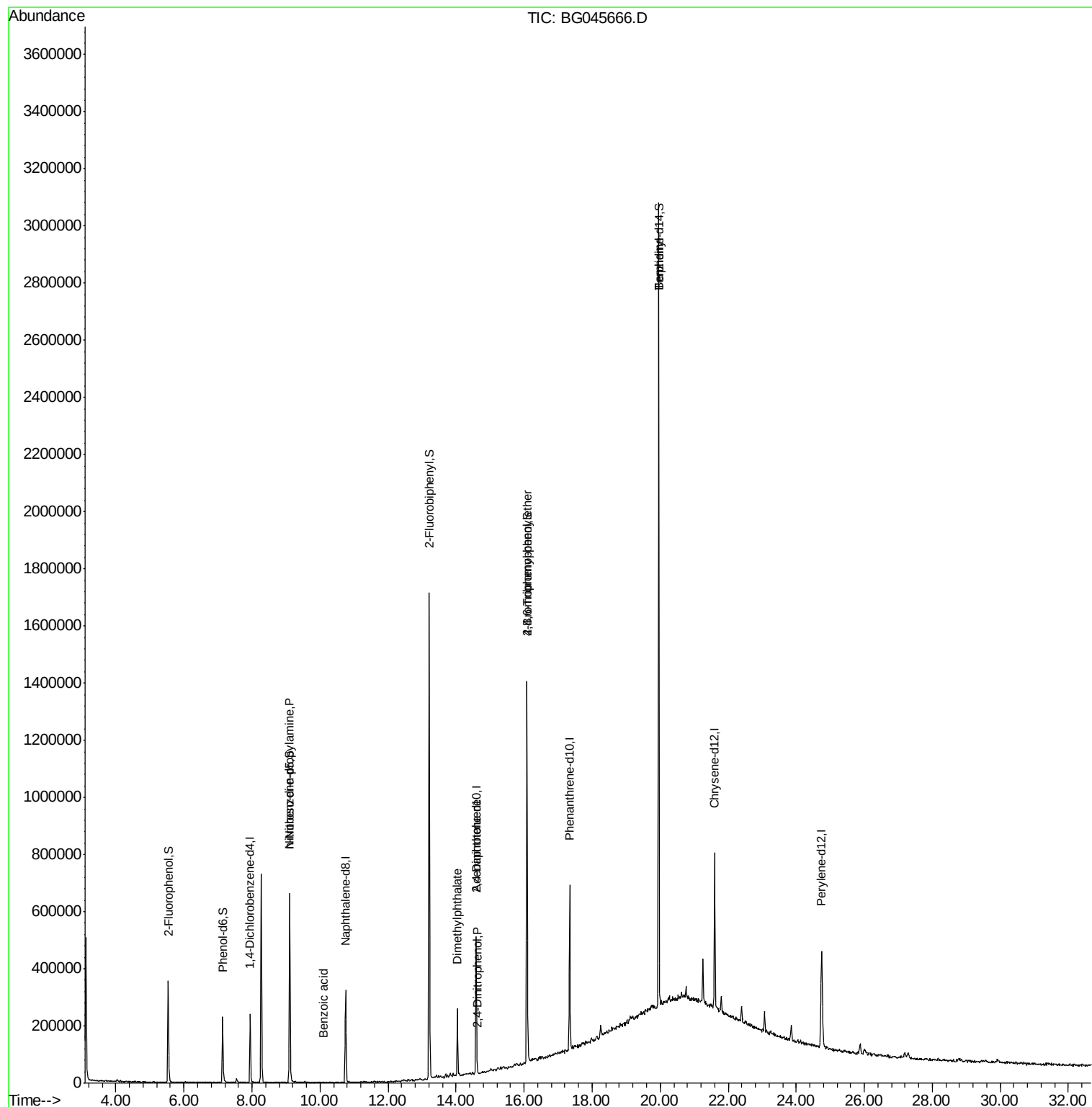
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	72979	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	280529	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	180136	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	370498	20.00	ng	0.00
76) Chrysene-d12	21.60	240	361201	20.00	ng	0.00
87) Perylene-d12	24.75	264	387526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	182652	48.91	ng	0.00
7) Phenol-d6	7.14	99	162680	30.61	ng	-0.01
23) Nitrobenzene-d5	9.11	82	454676	88.38	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	284362	123.44	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	933405	87.89	ng	0.00
79) Terphenyl-d14	19.96	244	1387843	89.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	63510	17.280	ng	# 80
32) Benzoic acid	10.10	122	63	10.043	ng	# 1
50) Dimethylphthalate	14.04	163	165400	13.385	ng	# 98
54) 2,4-Dinitrophenol	14.63	184	68	5.494	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	25196	6.239	ng	# 22
67) 4-Bromophenyl-phenylether	16.08	248	18526	4.618	ng	# 1
77) Benzidine	19.95	184	25737	2.537	ng	# 87

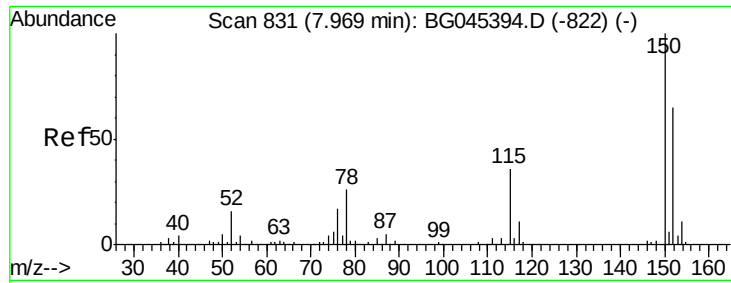
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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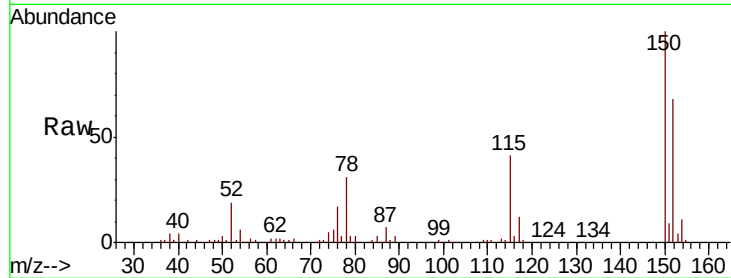




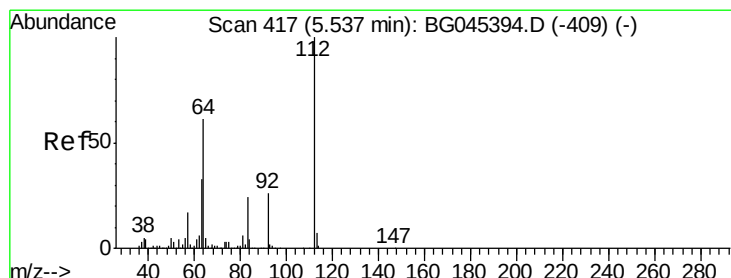
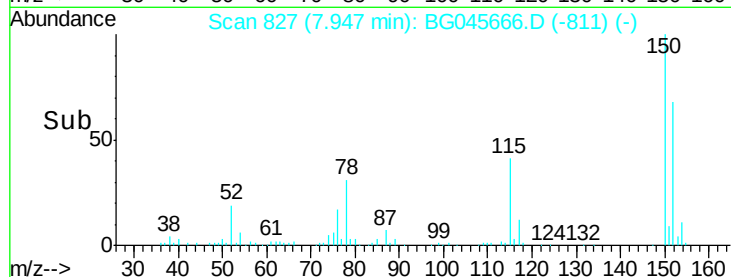
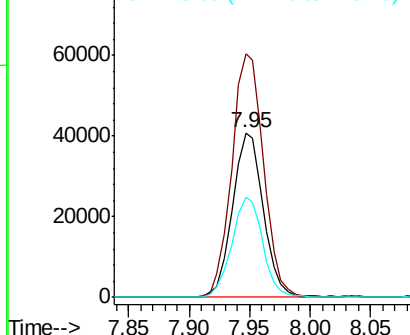
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045666.D
 Acq: 9 Jun 2020 16:26

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11

Tot Ion:152 Resp: 72979
 Ion Ratio Lower Upper
 152 100
 150 147.8 122.4 183.6
 115 60.9 44.2 66.4

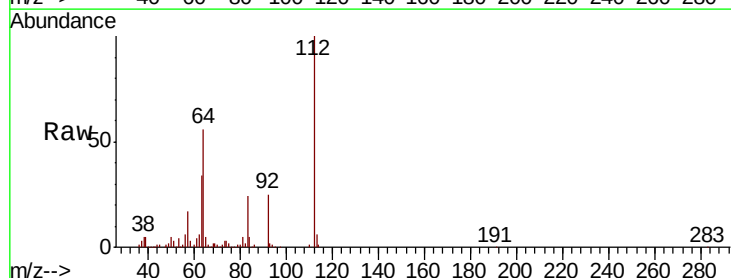


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

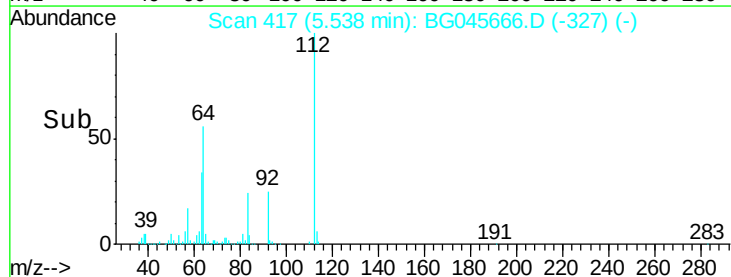
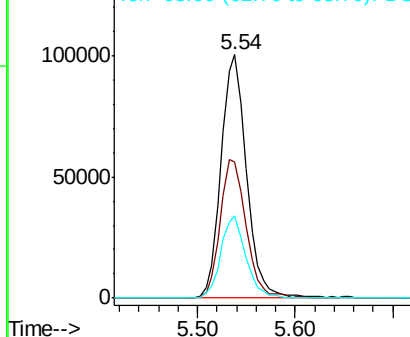


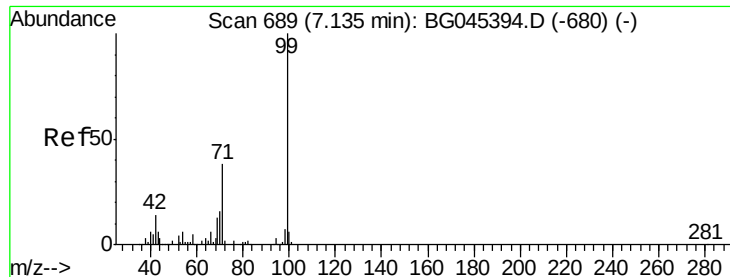
#5
 2-Fluorophenol
 Concen: 48.912 ng
 RT: 5.54 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BG045666.D
 Acq: 9 Jun 2020 16:26

Tgt Ion:112 Resp: 182652
 Ion Ratio Lower Upper
 112 100
 64 55.7 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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 30.608 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045666.D

Acq: 9 Jun 2020 16:26

Instrument :

BNA_G

ClientSampled :

VE-4-11

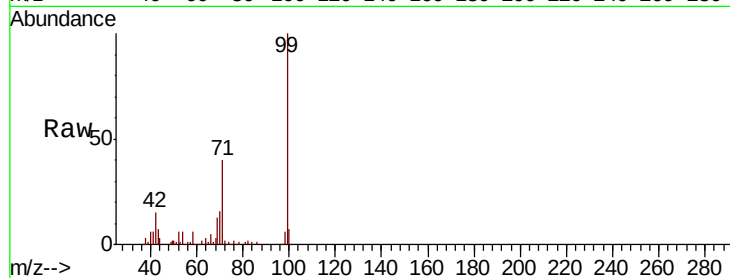
Tot Ion: 99 Resp: 162680

Ion Ratio Lower Upper

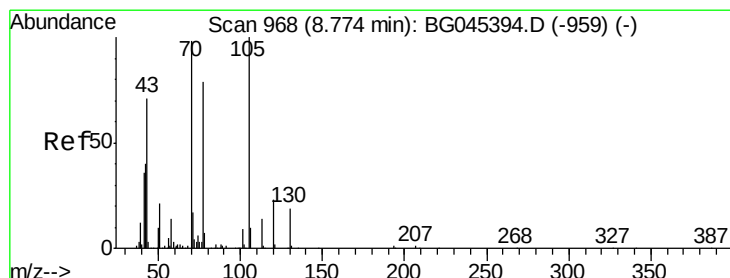
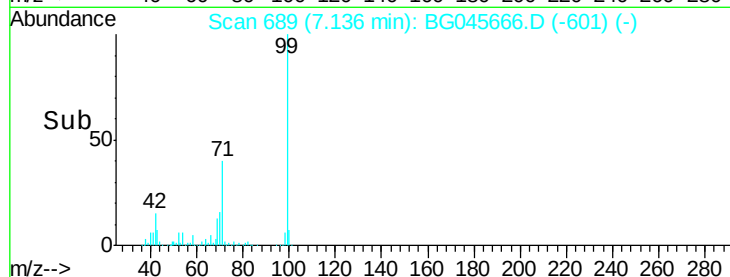
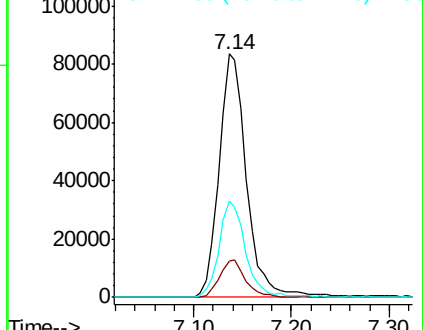
99 100

42 14.9 11.3 16.9

71 39.7 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: 17.280 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045666.D

Acq: 9 Jun 2020 16:26

Tgt Ion: 70 Resp: 63510

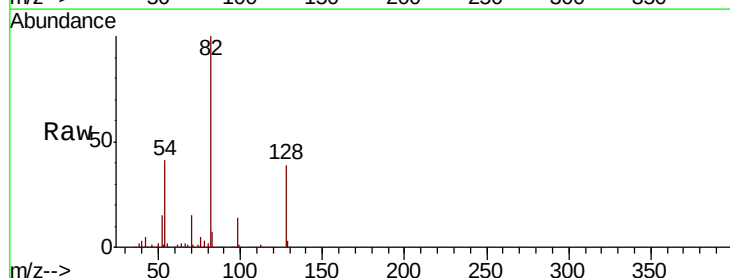
Ion Ratio Lower Upper

70 100

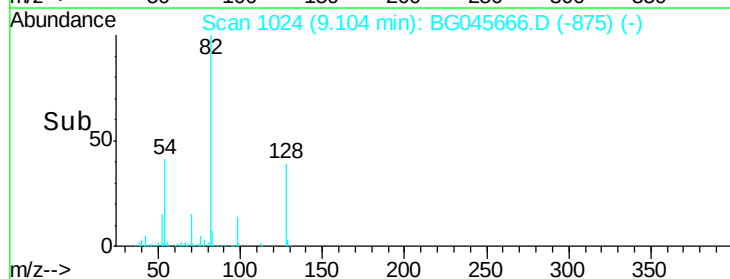
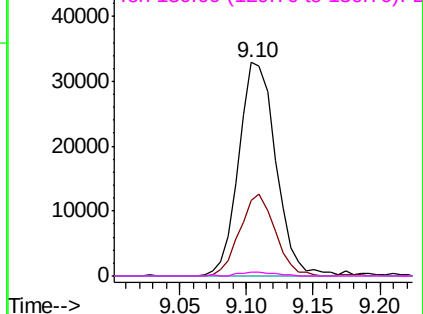
42 35.2 33.2 49.8

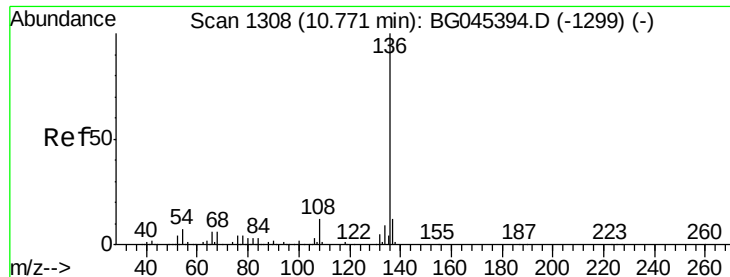
101 0.0 7.8 11.6#

130 1.7 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

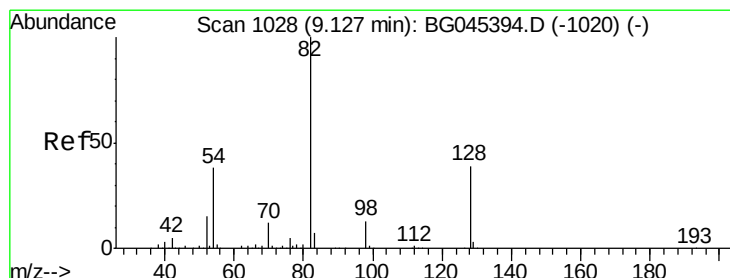
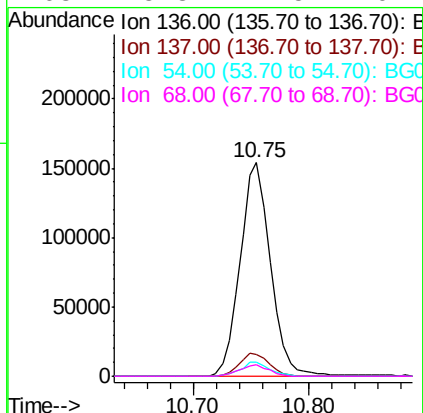
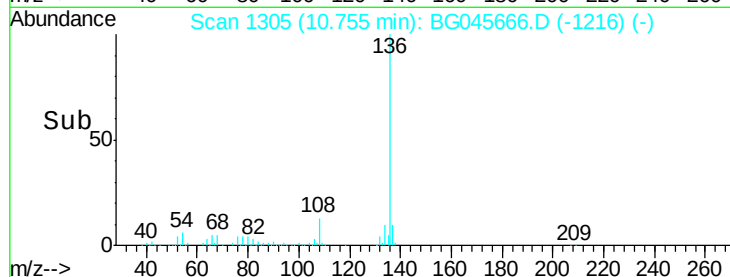
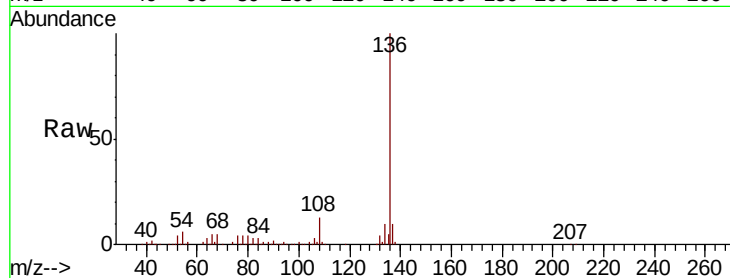




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045666.D
Acq: 9 Jun 2020 16:26

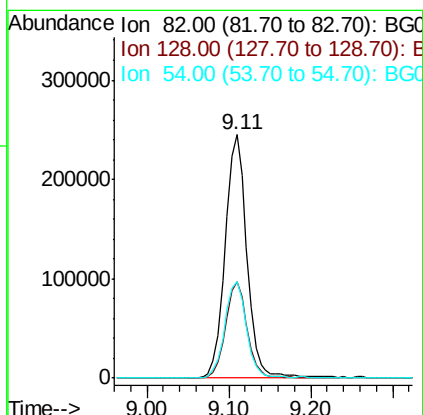
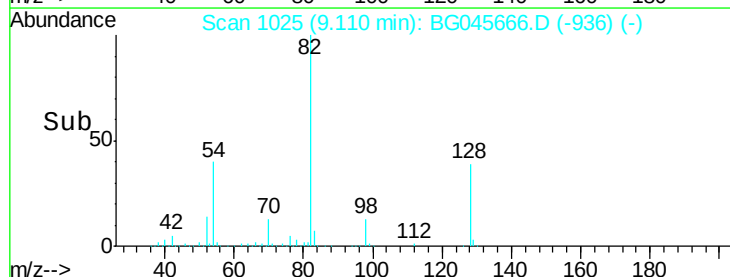
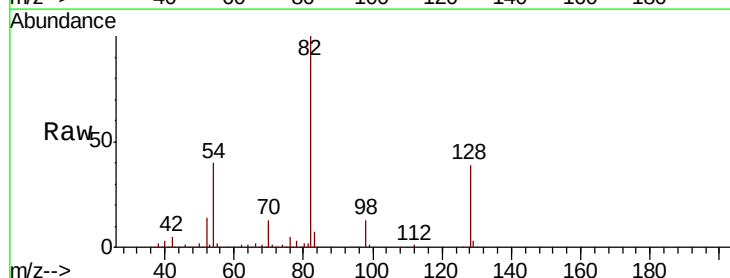
Instrument :
BNA_G
ClientSampleId :
VE-4-11

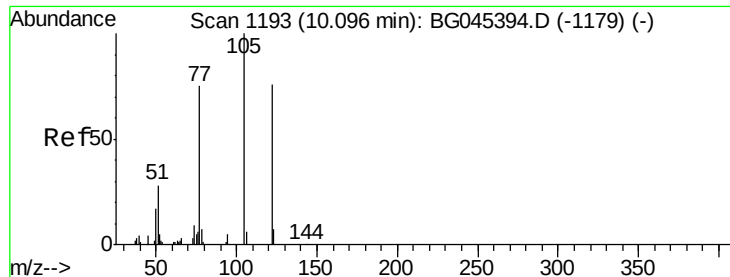
Tot Ion:136	Resp:	280529	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	9.4	14.2	
54 6.4	5.8	8.6	
68 5.3	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 88.384 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045666.D
Acq: 9 Jun 2020 16:26

Tgt Ion: 82	Resp: 454676
Ion Ratio	Lower Upper
82 100	
128 39.5	30.9 46.3
54 39.7	30.3 45.5

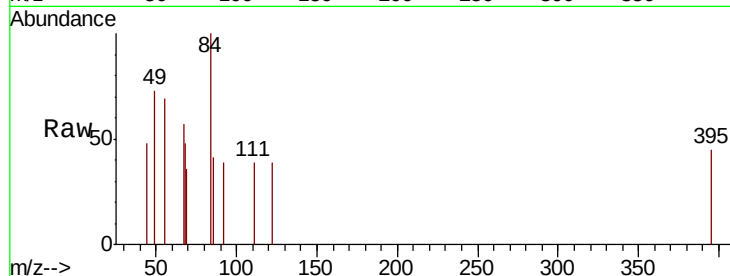




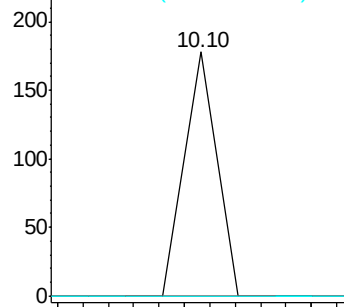
#32
Benzoic acid
Concen: 10.043 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BG045666.D
Acq: 9 Jun 2020 16:26

Instrument :
BNA_G
ClientSampleId :
VE-4-11

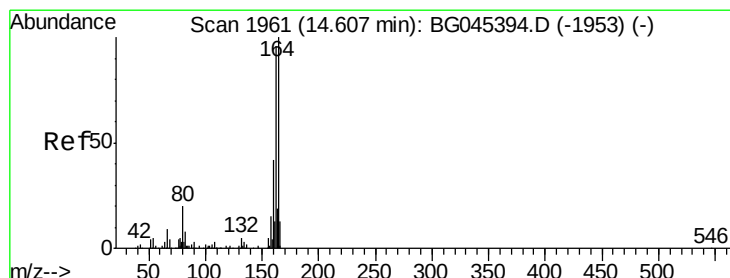
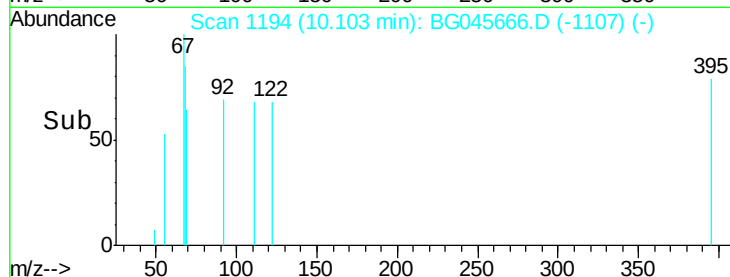
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#



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): BGC

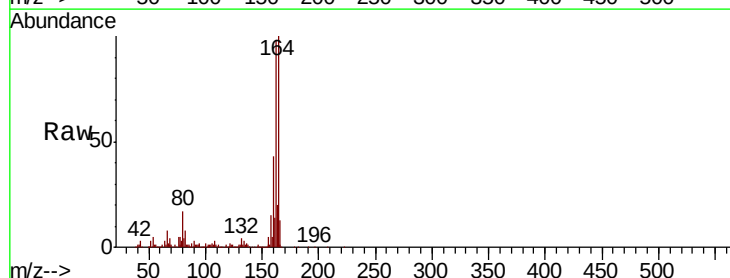


Time--> 10.08 10.10 10.12

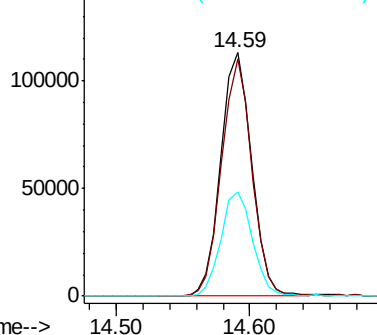


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045666.D
Acq: 9 Jun 2020 16:26

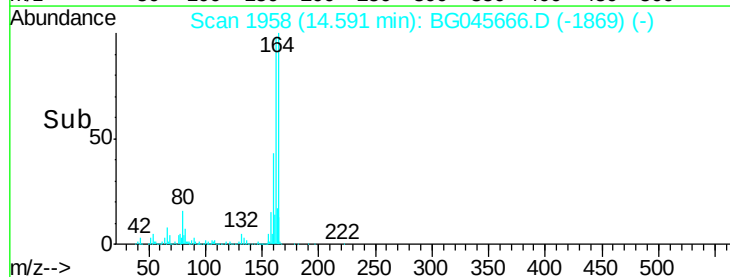
Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	76.9	115.3
160	42.6	33.8	50.8

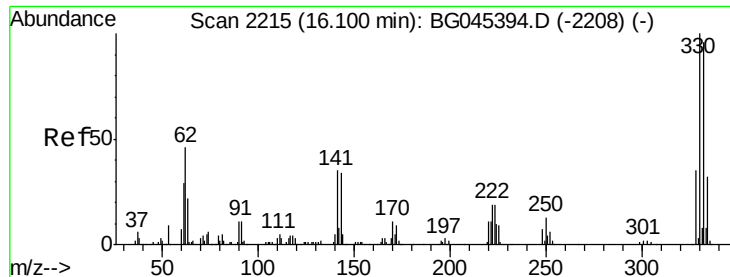


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time--> 14.50 14.60

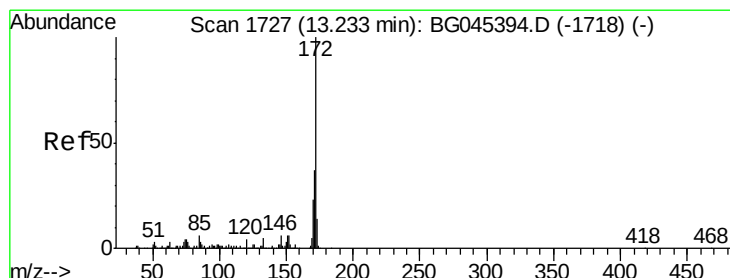
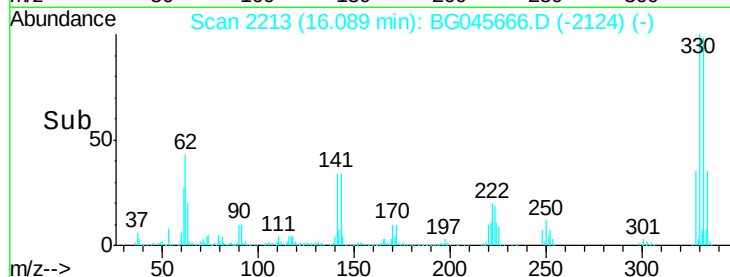
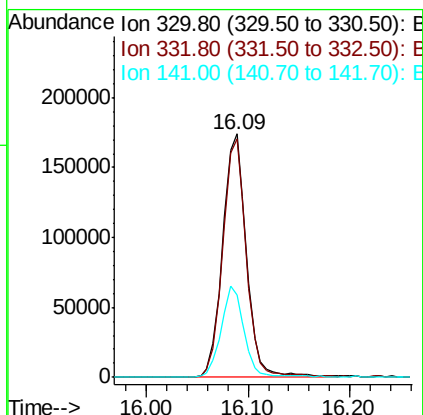
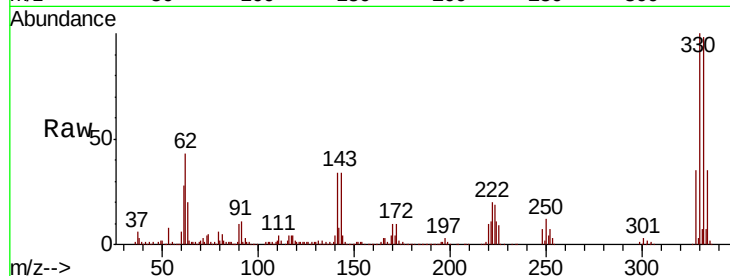




#42
 2,4,6-Tribromophenol
 Concen: 123.435 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045666.D
 Acq: 9 Jun 2020 16:26

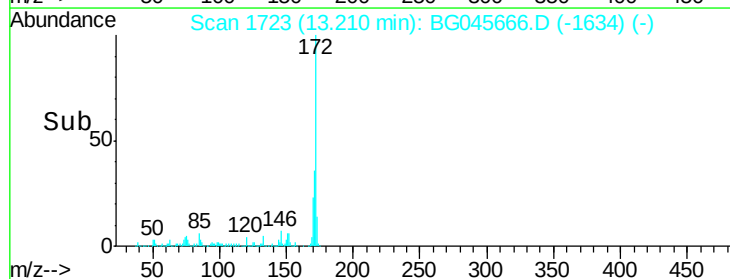
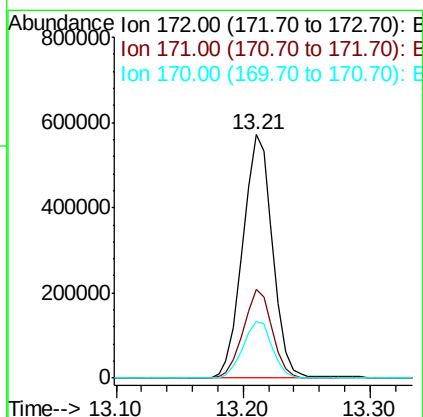
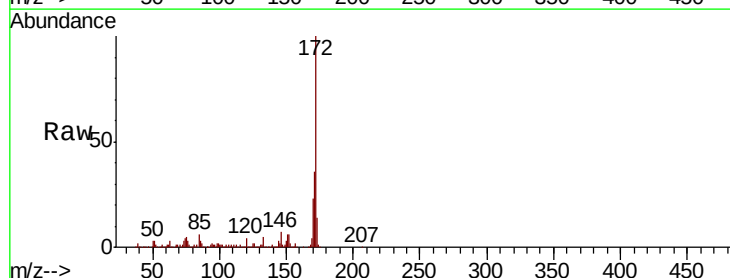
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11

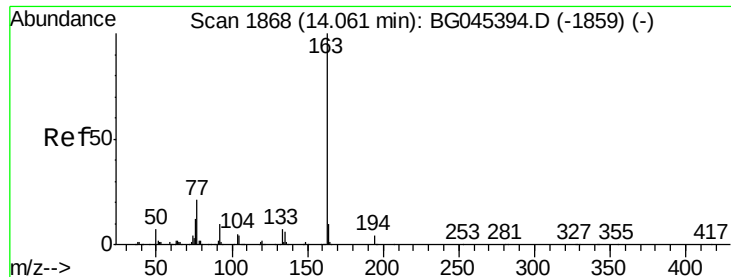
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.4
141	36.2	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 87.892 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045666.D
 Acq: 9 Jun 2020 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	23.5	18.5	27.7





#50

Dimethylphthalate

Concen: 13.385 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BG045666.D

Acq: 9 Jun 2020 16:26

Instrument :

BNA_G

ClientSampleId :

VE-4-11

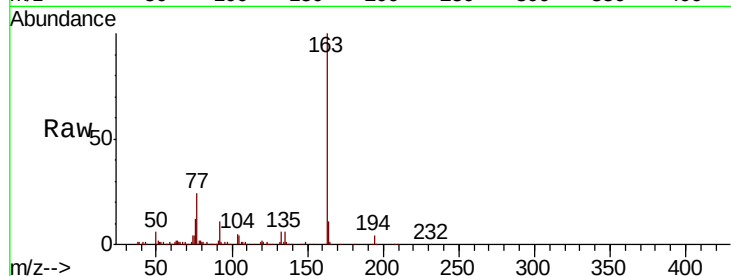
Tot Ion:163 Resp: 165400

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

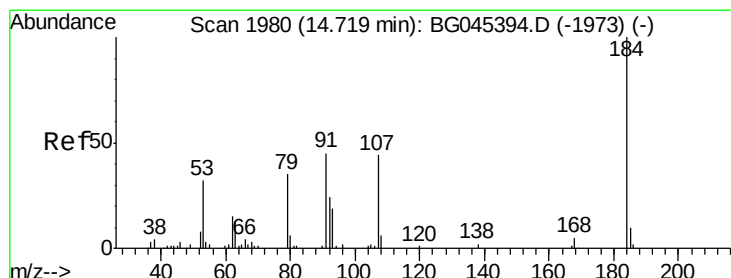
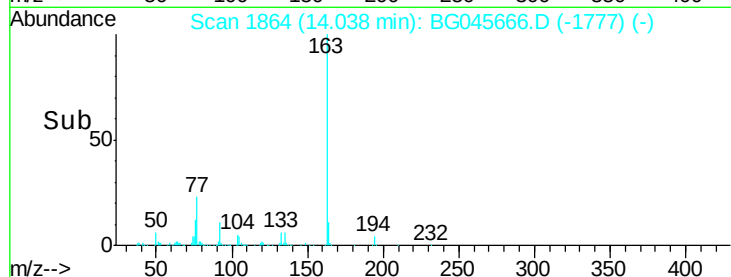
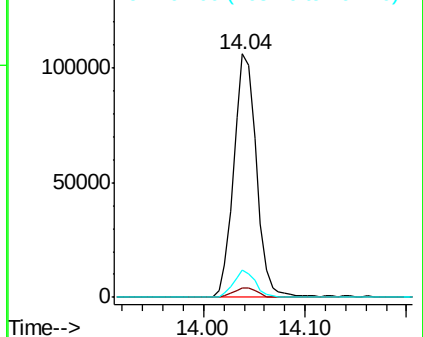
164 11.2 8.3 12.5



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: 5.494 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.08 min

Lab File: BG045666.D

Acq: 9 Jun 2020 16:26

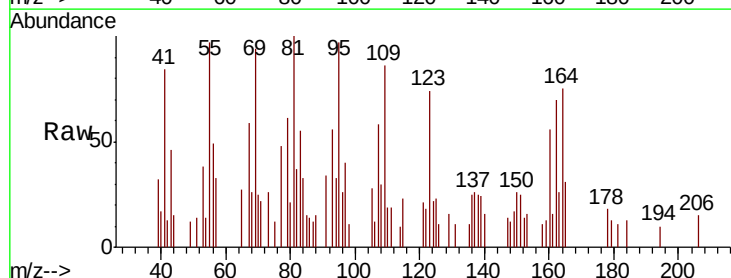
Tgt Ion:184 Resp: 68

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

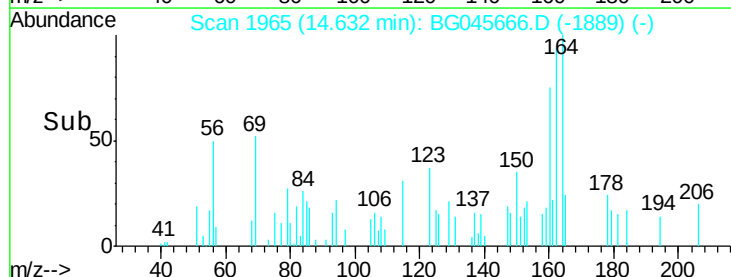
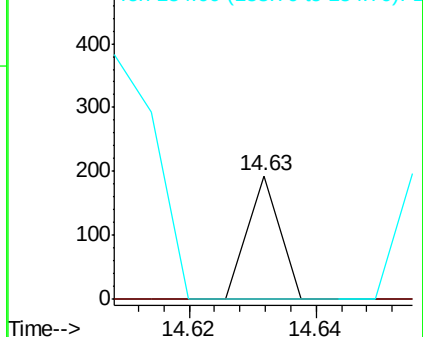
154 0.0 58.3 87.5#

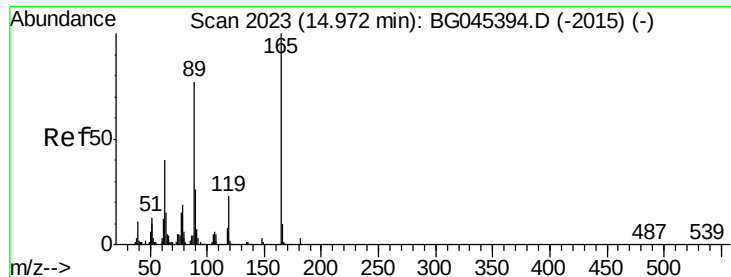


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

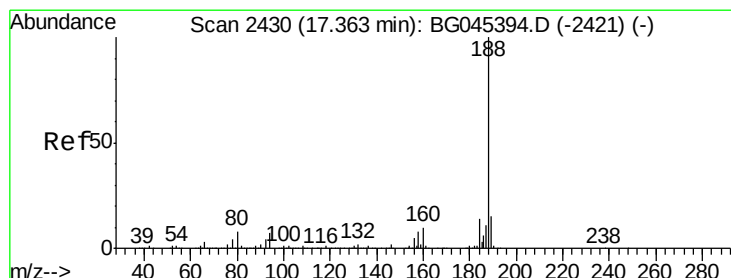
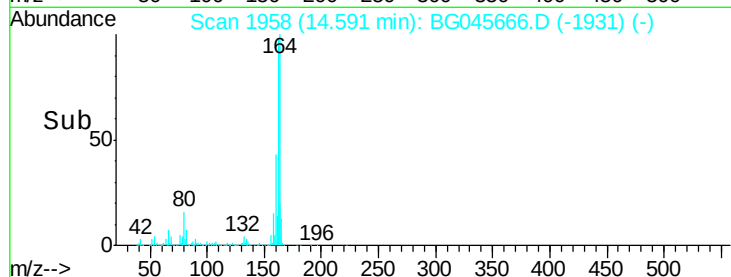
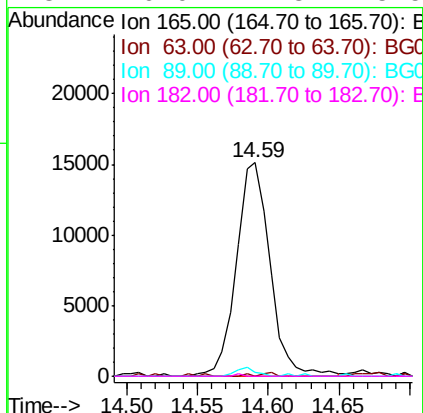
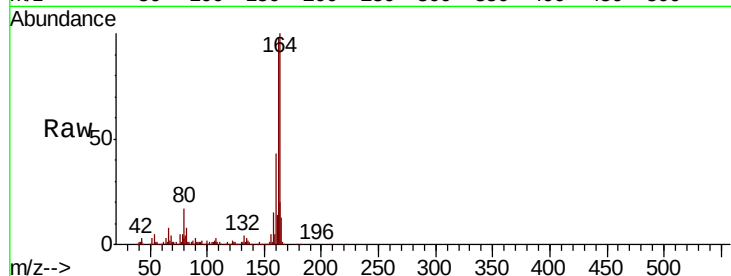




#57
2,4-Dinitrotoluene
Concen: 6.239 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045666.D
Acq: 9 Jun 2020 16:26

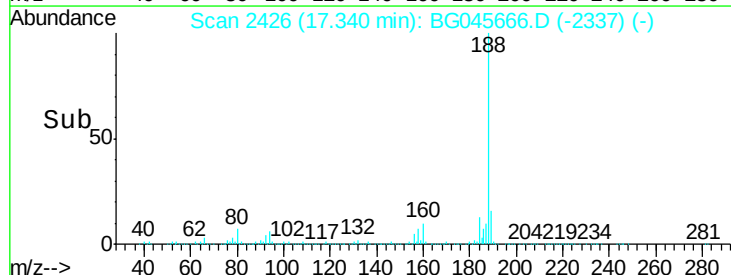
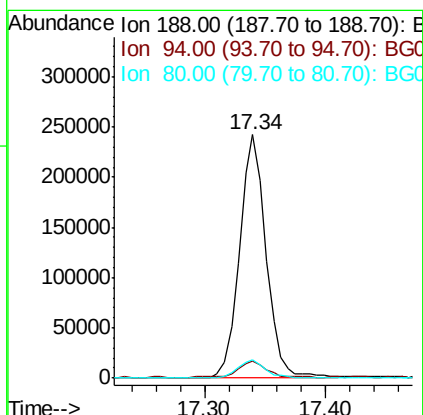
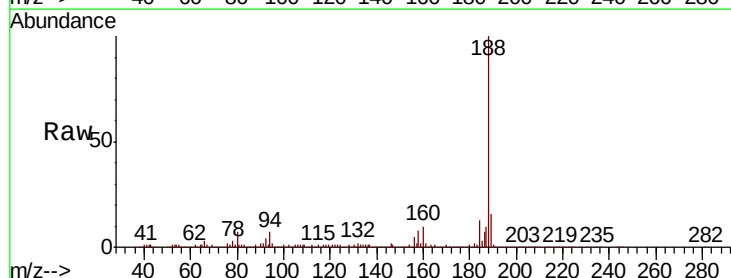
Instrument :
BNA_G
ClientSampleId :
VE-4-11

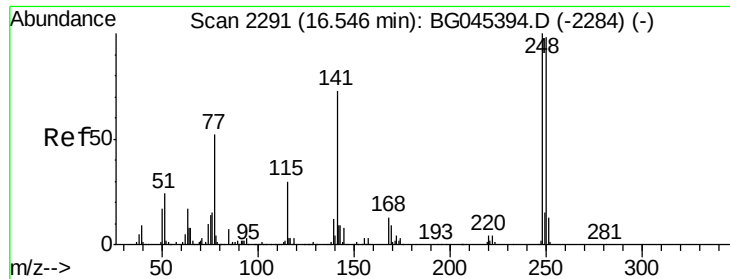
Tot Ion:165 Resp: 25196
Ion Ratio Lower Upper
165 100
63 0.0 32.5 48.7#
89 2.0 61.8 92.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045666.D
Acq: 9 Jun 2020 16:26

Tgt Ion:188 Resp: 370498
Ion Ratio Lower Upper
188 100
94 6.9 5.5 8.3
80 7.4 6.6 10.0

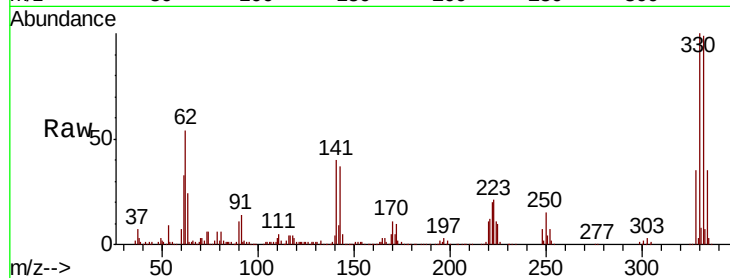




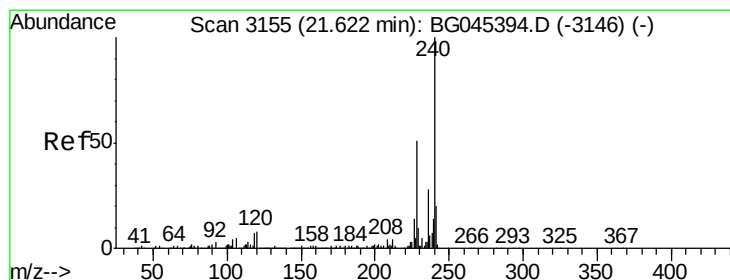
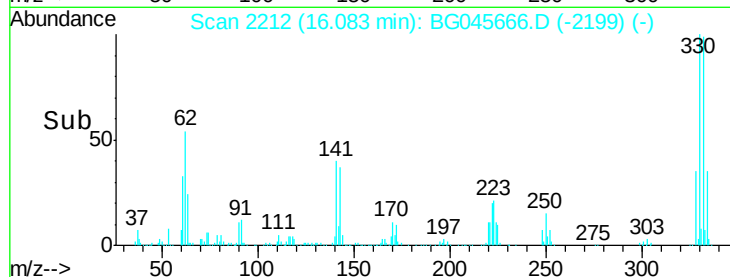
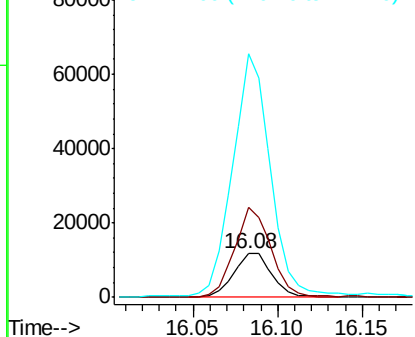
#67
4-Bromophenyl-phenylether
Concen: 4.618 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045666.D
Acq: 9 Jun 2020 16:26

Instrument :
BNA_G
ClientSampleId :
VE-4-11

Tot Ion:248 Resp: 18526
Ion Ratio Lower Upper
248 100
250 206.3 78.6 117.8#
141 557.6 58.2 87.2#

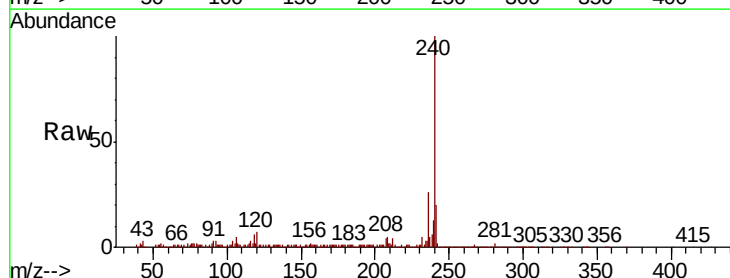


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

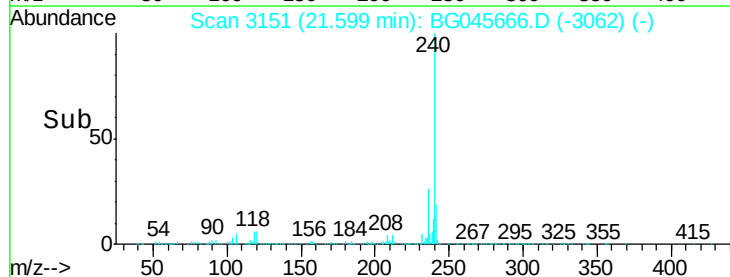
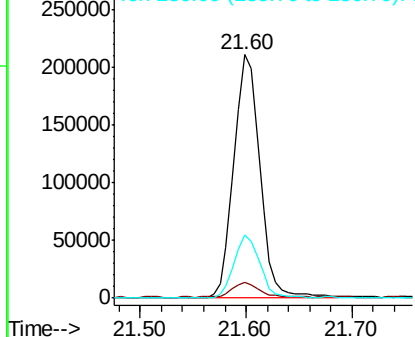


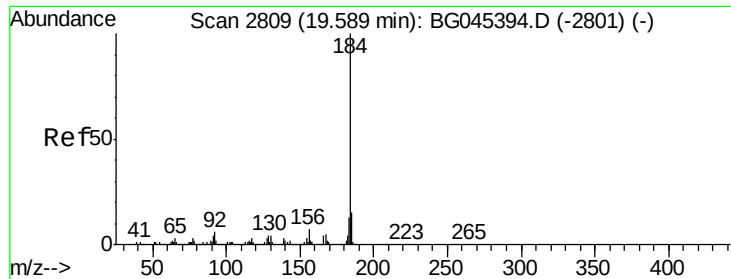
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045666.D
Acq: 9 Jun 2020 16:26

Tgt Ion:240 Resp: 361201
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 25.9 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





#77

Benzidine

Concen: 2.537 ng

RT: 19.95 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045666.D

Acq: 9 Jun 2020 16:26

Instrument :

BNA_G

ClientSampleId :

VE-4-11

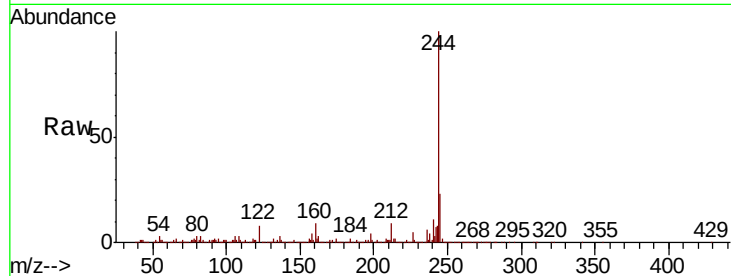
Tot Ion:184 Resp: 25737

Ion Ratio Lower Upper

184 100

185 20.9 11.7 17.5#

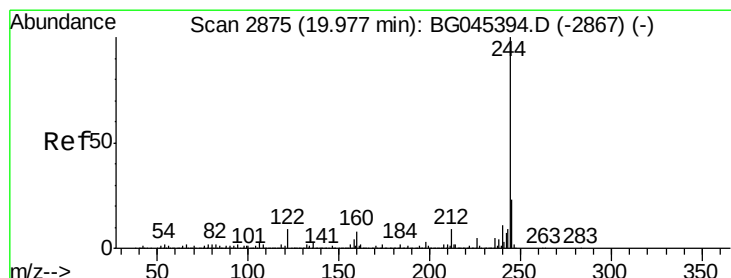
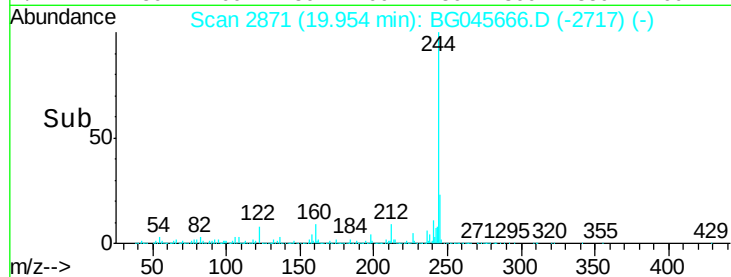
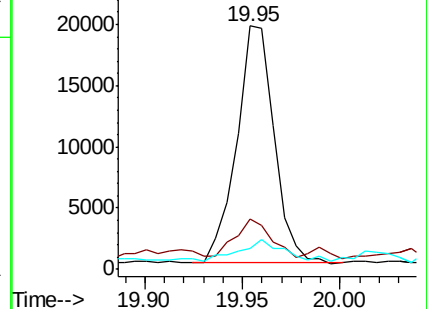
183 8.4 10.2 15.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 89.614 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045666.D

Acq: 9 Jun 2020 16:26

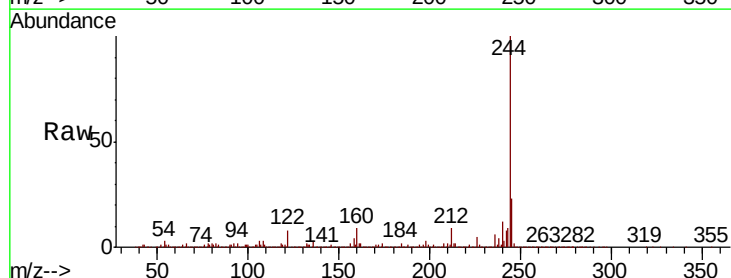
Tgt Ion:244 Resp: 1387843

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

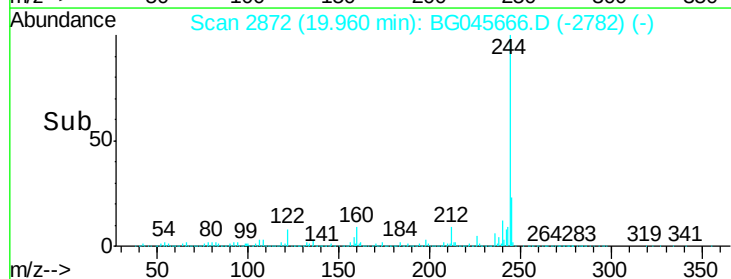
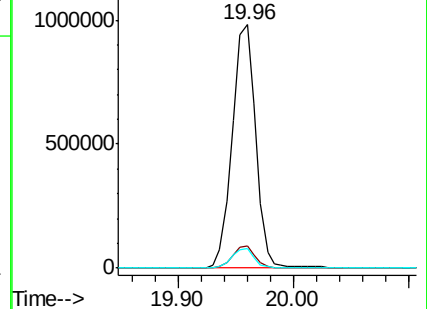
122 7.8 6.8 10.2

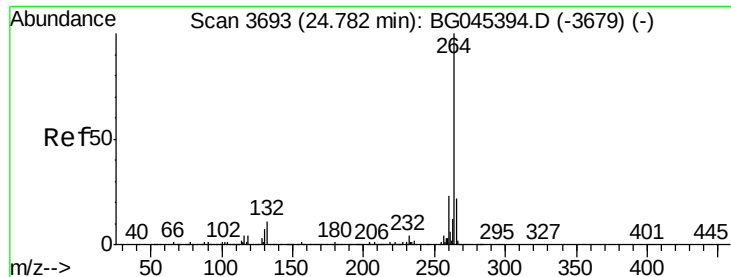


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

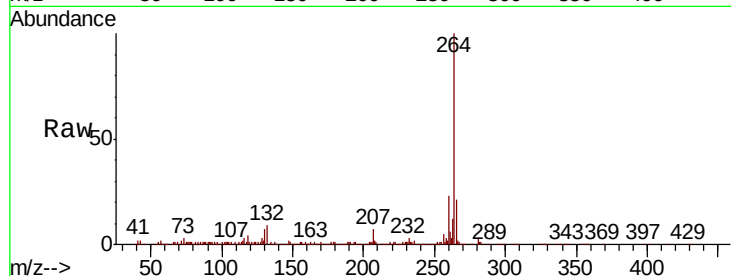




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: BG045666.D
 Acq: 9 Jun 2020 16:26

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.4	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

