

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046554.D
 Acq On : 8 Sep 2020 12:22
 Operator : CG/JU
 Sample : L3894-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-6

Quant Time: Sep 08 13:47:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

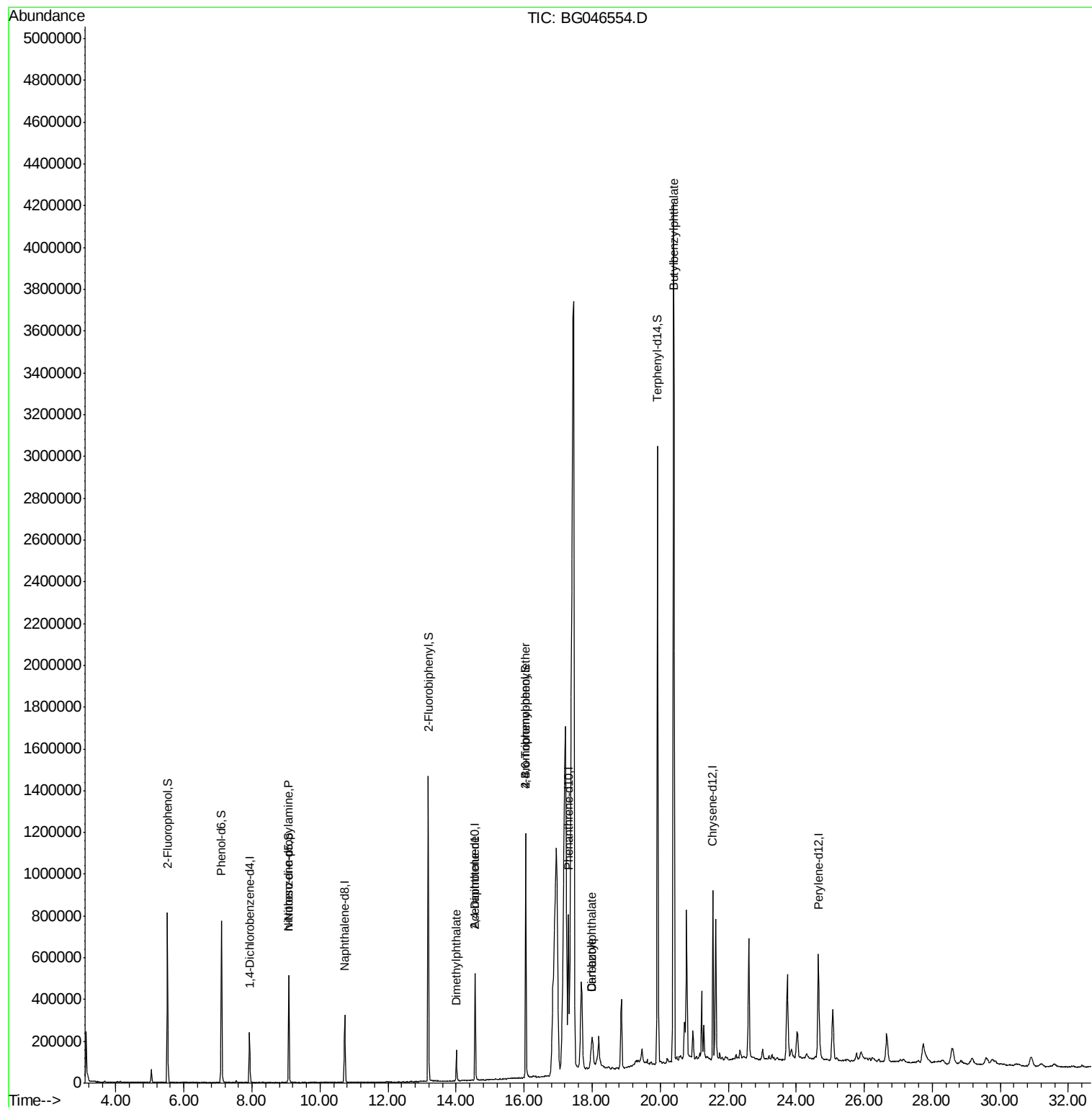
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75474	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	288770	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	193214	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	435011	20.00	ng	0.00
76) Chrysene-d12	21.55	240	507645	20.00	ng	0.00
86) Perylene-d12	24.65	264	506129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	382044	89.66	ng	0.00
7) Phenol-d6	7.10	99	494075	81.79	ng	0.00
23) Nitrobenzene-d5	9.08	82	327551	64.83	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	238878	91.25	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	806316	63.71	ng	0.00
79) Terphenyl-d14	19.92	244	1286475	53.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	41632	11.522	ng	Qvalue
50) Dimethylphthalate	14.01	163	114507	7.660	ng	# 77
57) 2,4-Dinitrotoluene	14.56	165	26102	5.556	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	17773	3.502	ng	# 1
73) Carbazole	17.99	167	60666	2.954	ng	# 57
74) Di-n-butylphthalate	18.00	149	219676	9.301	ng	# 98
80) Butylbenzylphthalate	20.40	149	897991	71.218	ng	# 29

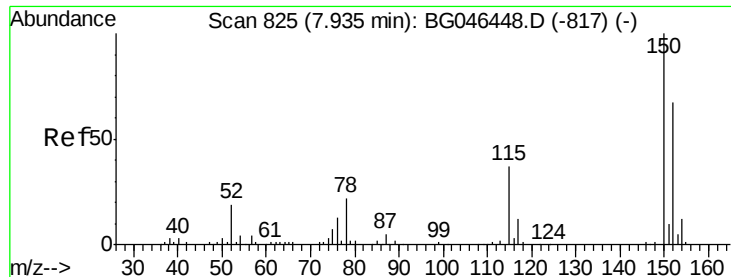
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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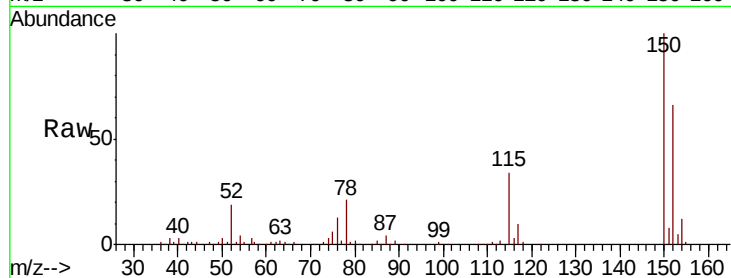


#1

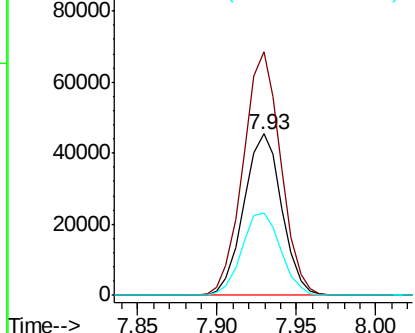
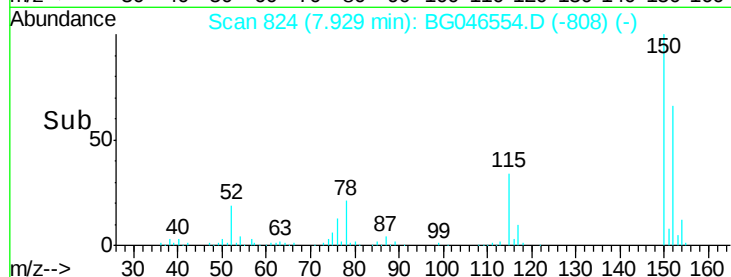
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046554.D
 Acq: 8 Sep 2020 12:22

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-6

Tot Ion:152 Resp: 75474
 Ion Ratio Lower Upper
 152 100
 150 151.2 119.5 179.3
 115 51.2 44.3 66.5



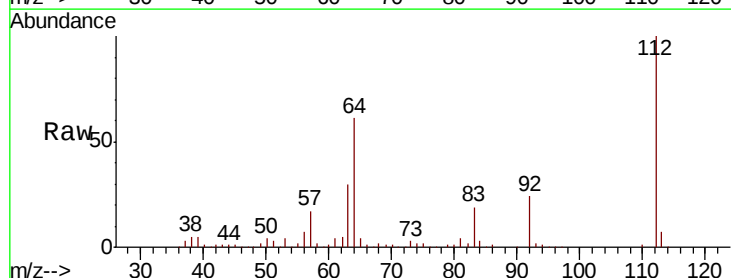
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



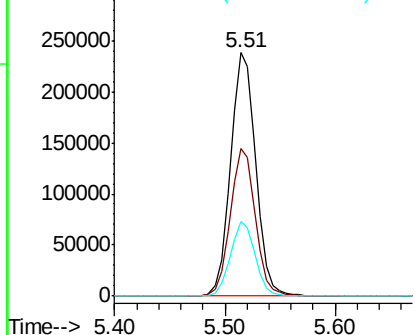
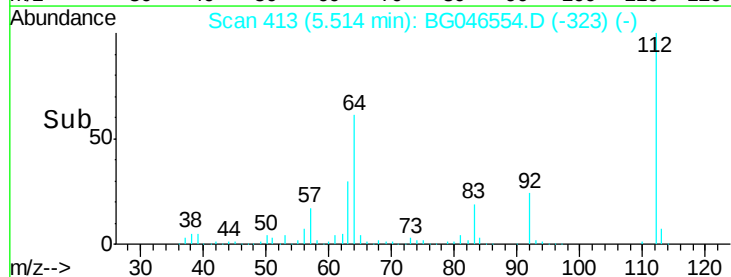
#5

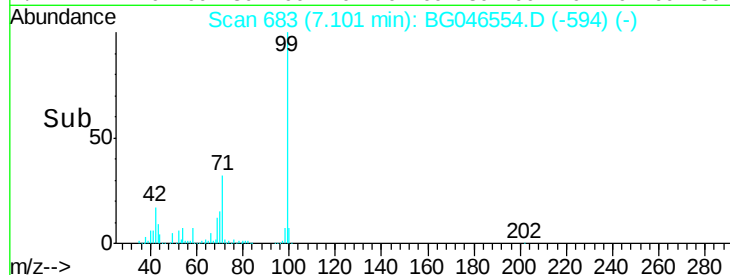
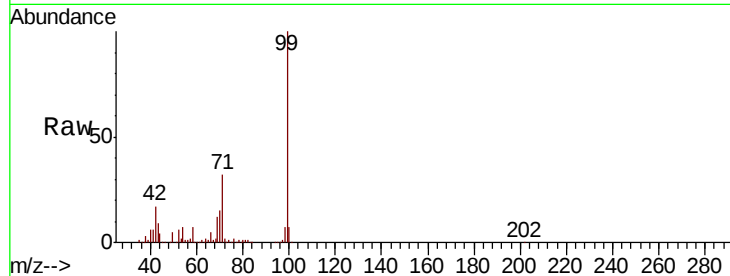
2-Fluorophenol
 Concen: 89.656 ng
 RT: 5.51 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046554.D
 Acq: 8 Sep 2020 12:22

Tgt Ion:112 Resp: 382044
 Ion Ratio Lower Upper
 112 100
 64 60.6 47.0 70.6
 63 30.5 23.5 35.3



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: 81.791 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046554.D

Acq: 8 Sep 2020 12:22

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-6

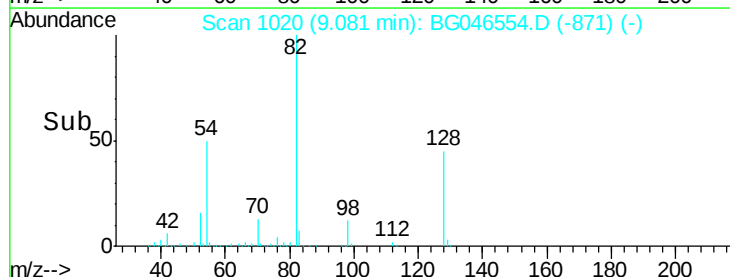
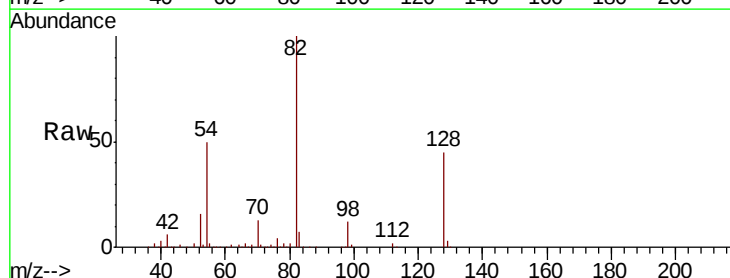
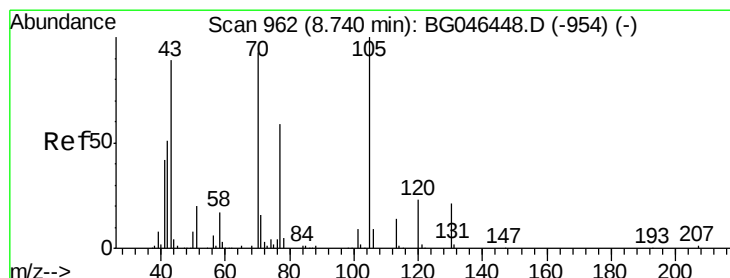
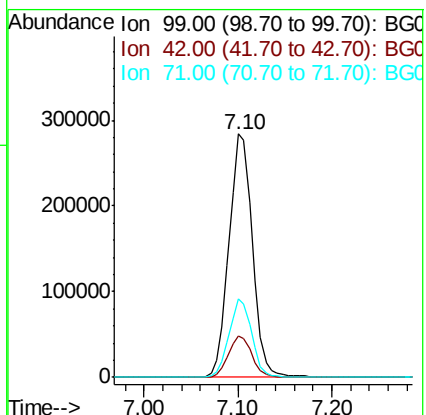
Tot Ion: 99 Resp: 494075

Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

71 32.1 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 11.522 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046554.D

Acq: 8 Sep 2020 12:22

Tgt Ion: 70 Resp: 41632

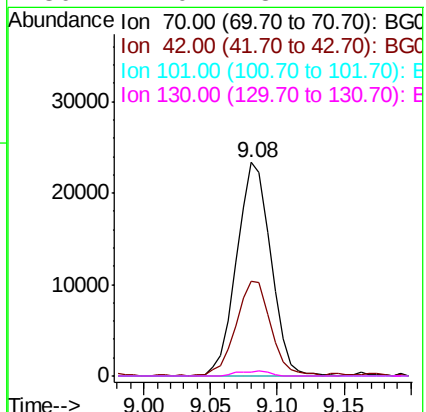
Ion Ratio Lower Upper

70 100

42 44.6 44.2 66.2

101 0.0 7.8 11.8#

130 2.0 18.2 27.4#

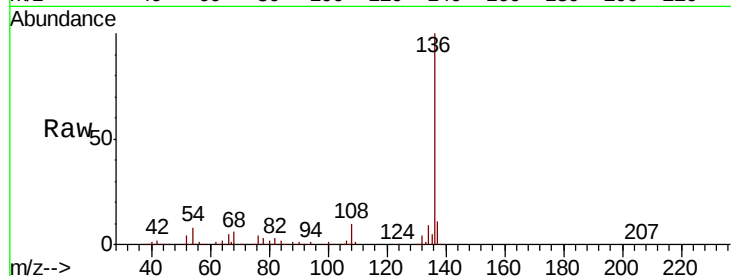




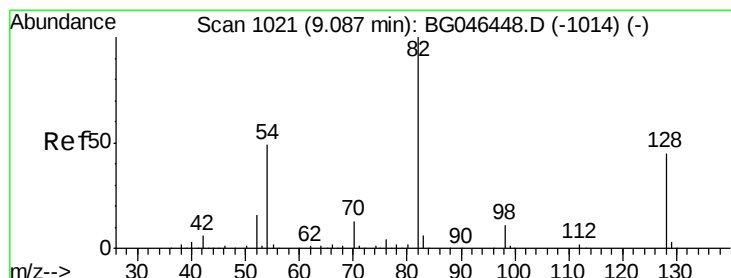
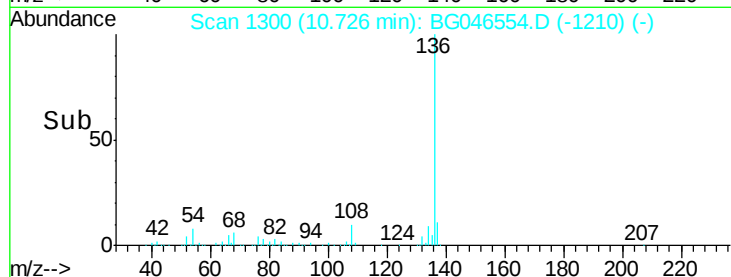
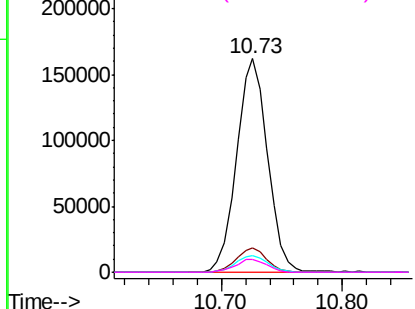
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046554.D
Acq: 8 Sep 2020 12:22

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-6

Tot Ion:136	Resp:	288770
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 8.0	6.1	9.1
68 6.2	4.8	7.2

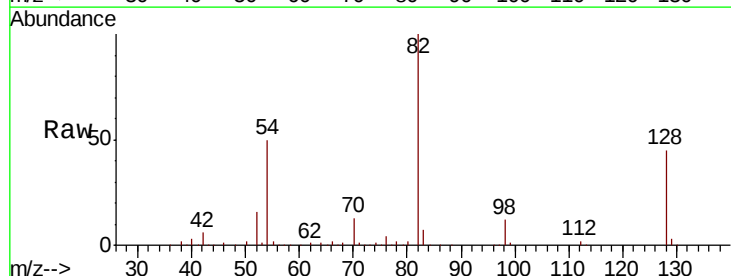


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

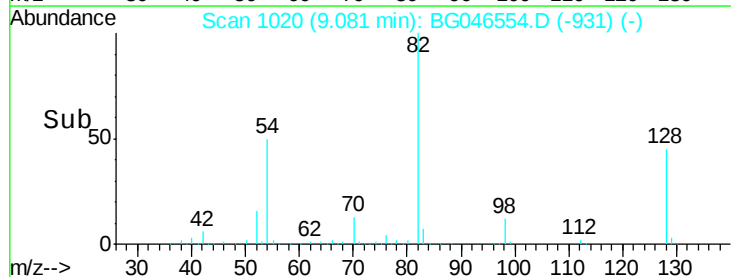
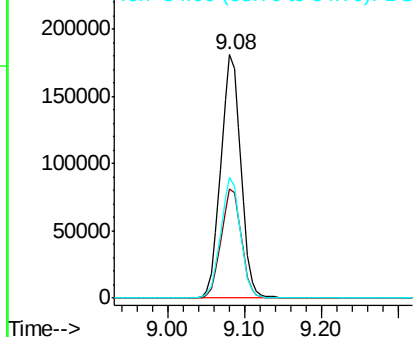


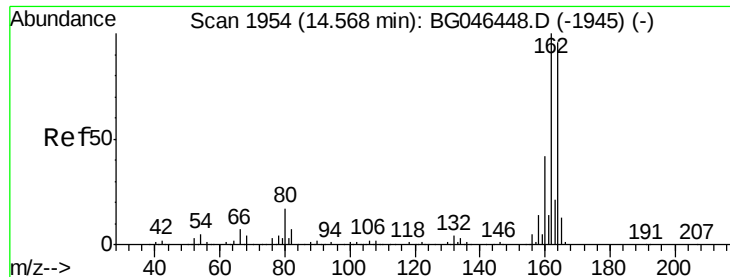
#23
Nitrobenzene-d5
Concen: 64.831 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046554.D
Acq: 8 Sep 2020 12:22

Tgt	Ion: 82	Resp:	327551
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.7	53.5
54	49.5	39.4	59.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
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: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046554.D

Acq: 8 Sep 2020 12:22

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-6

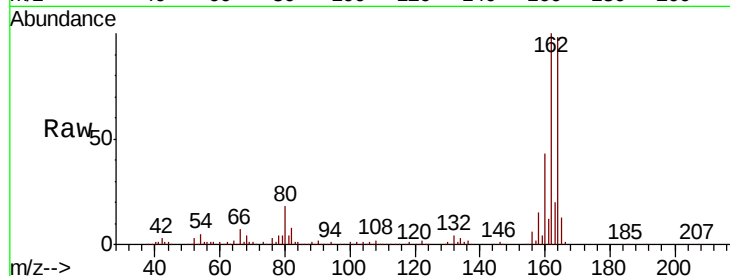
Tot Ion:164 Resp: 193214

Ion Ratio Lower Upper

164 100

162 102.1 83.3 124.9

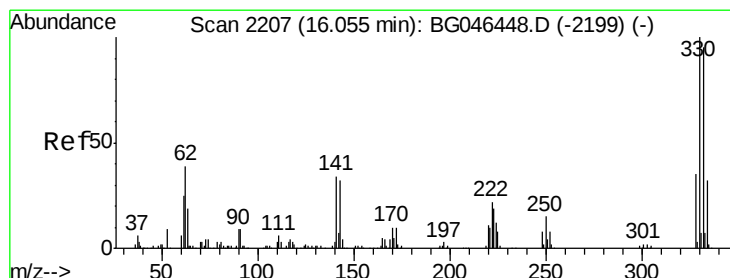
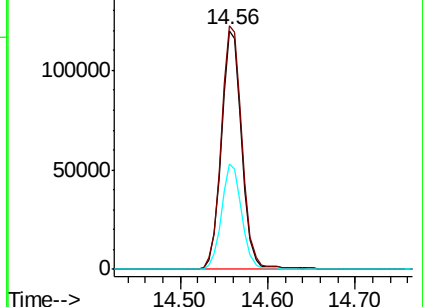
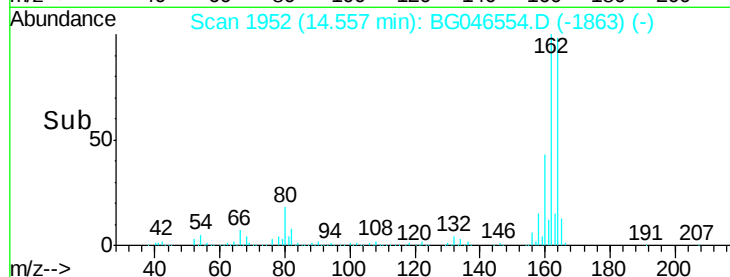
160 44.2 35.0 52.6



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: 91.247 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046554.D

Acq: 8 Sep 2020 12:22

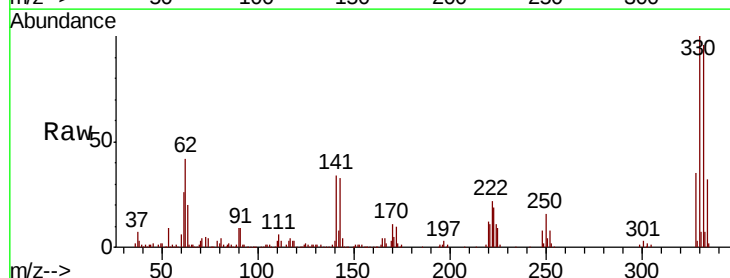
Tgt Ion:330 Resp: 238878

Ion Ratio Lower Upper

330 100

332 93.8 76.1 114.1

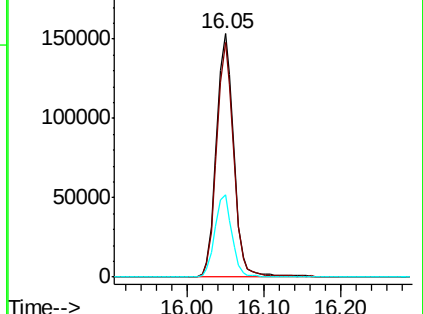
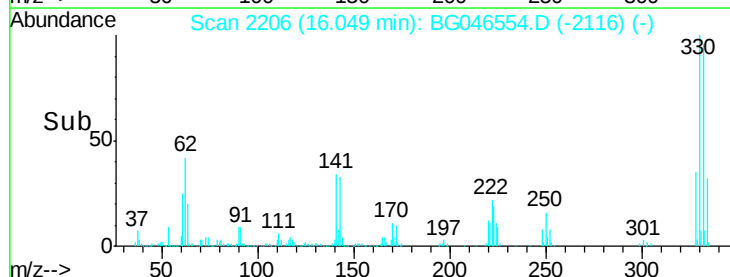
141 33.8 26.1 39.1

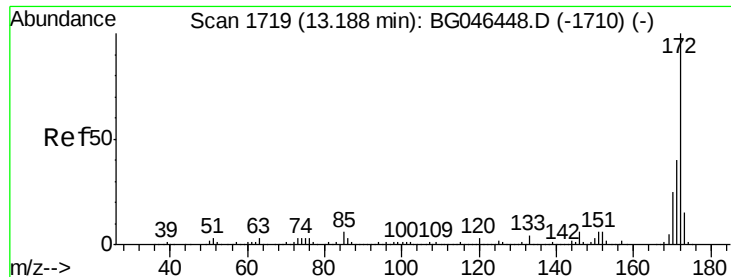


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

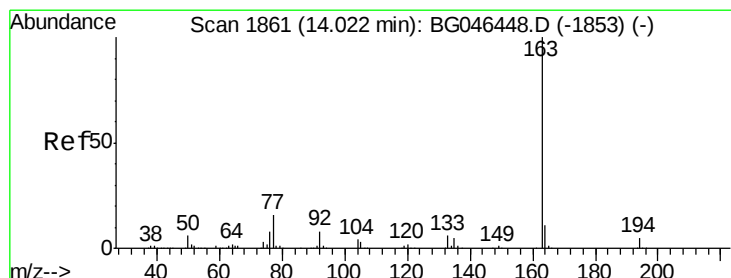
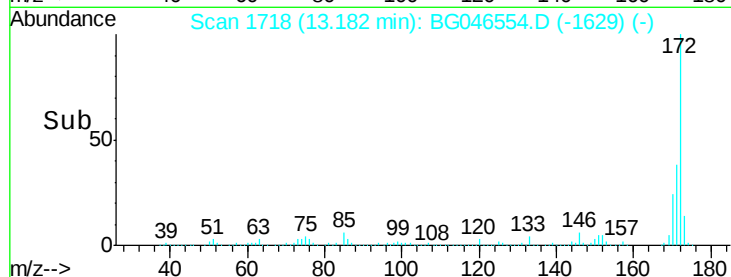
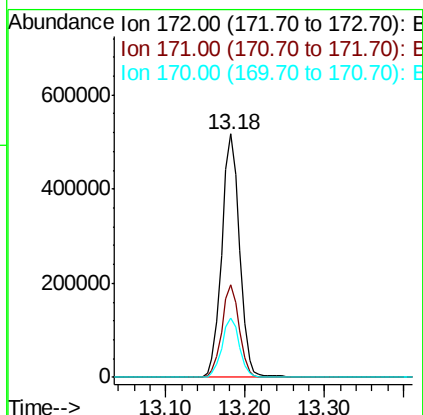
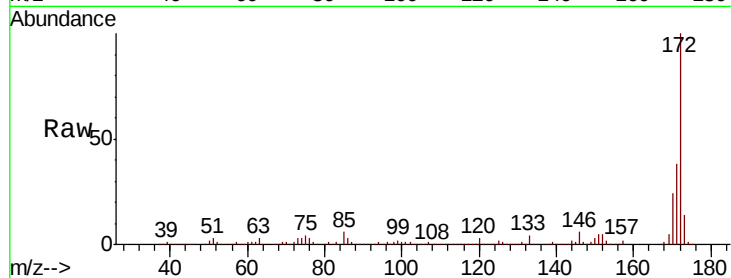




#45
2-Fluorobiphenyl
Concen: 63.706 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046554.D
Acq: 8 Sep 2020 12:22

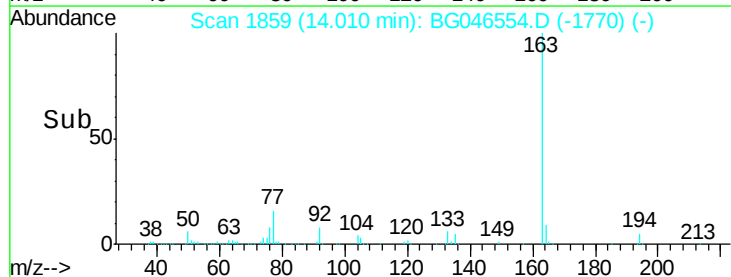
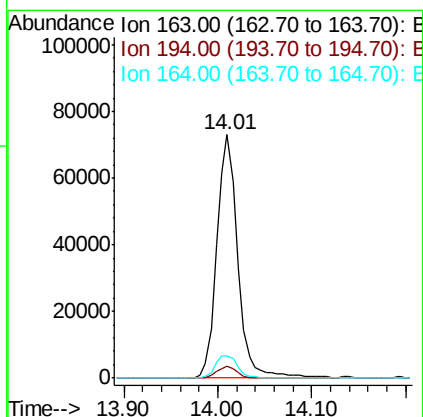
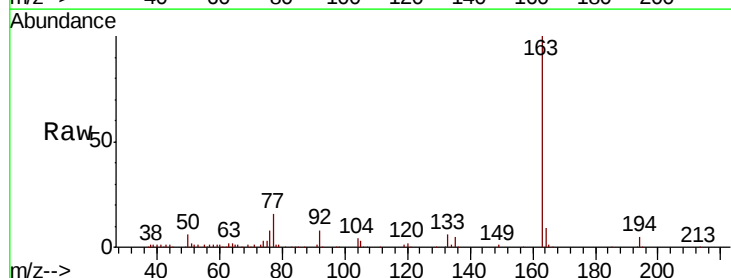
Instrument :
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ClientSampleId :
AL-FALAH-6

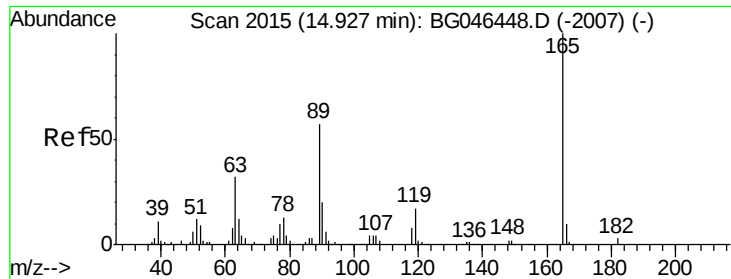
Tot Ion:172 Resp: 806316
Ion Ratio Lower Upper
172 100
171 37.8 31.8 47.6
170 24.1 20.3 30.5



#50
Dimethylphthalate
Concen: 7.660 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046554.D
Acq: 8 Sep 2020 12:22

Tgt Ion:163 Resp: 114507
Ion Ratio Lower Upper
163 100
194 4.9 3.7 5.5
164 9.3 8.6 12.8

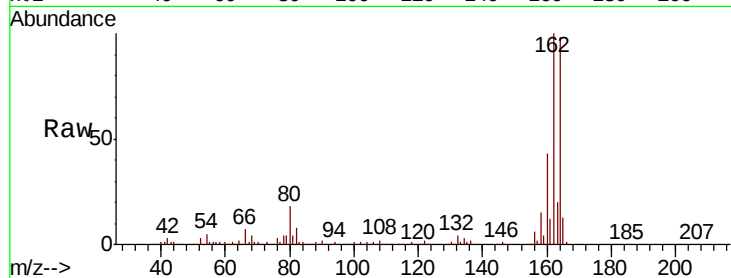




#57
 2,4-Dinitrotoluene
 Concen: 5.556 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046554.D
 Acq: 8 Sep 2020 12:22

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-6

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.0	45.9	68.9#
182	0.0	2.3	3.5#

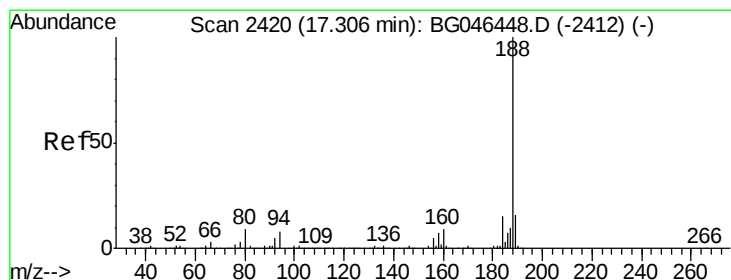
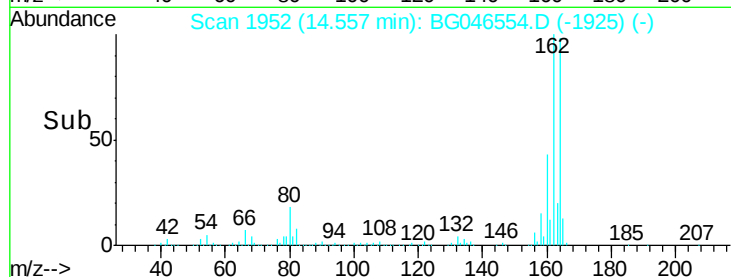
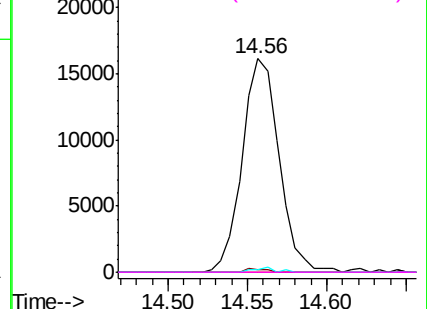


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

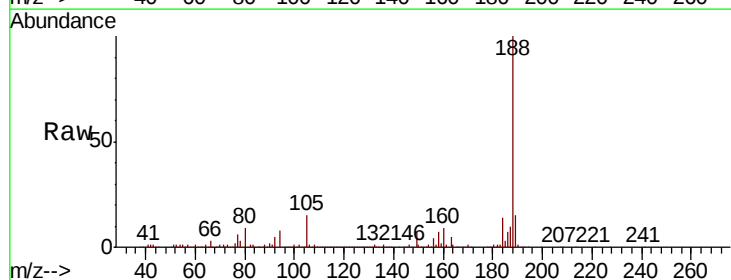
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG046554.D
 Acq: 8 Sep 2020 12:22

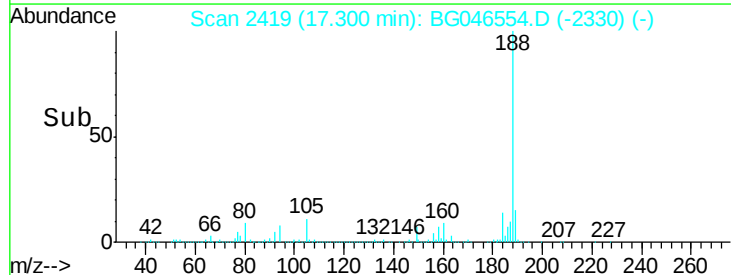
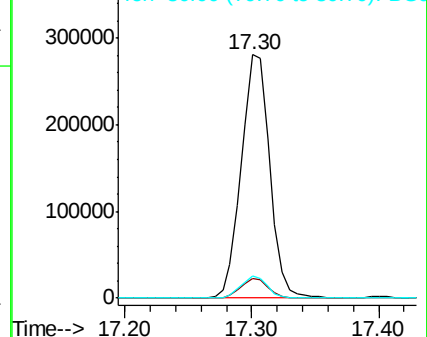
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.3	9.5
80	9.0	6.9	10.3

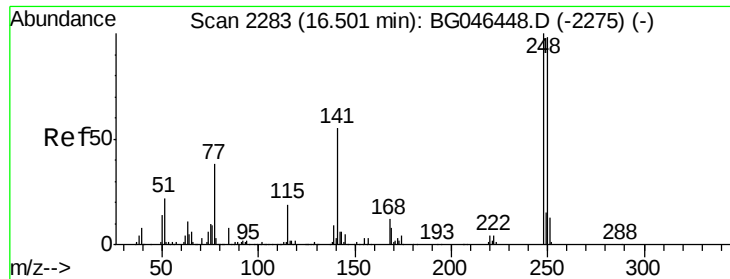


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

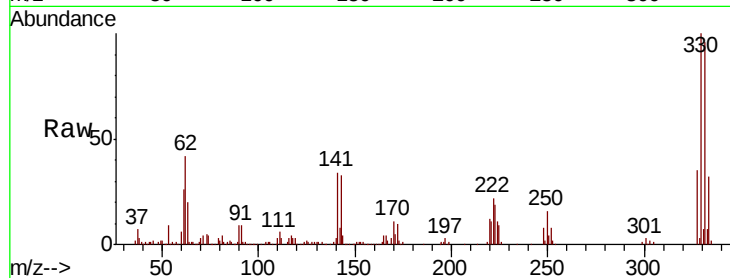




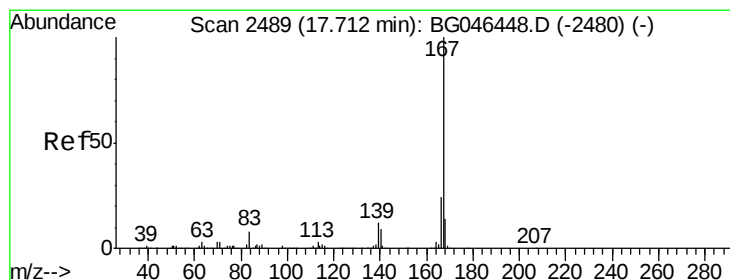
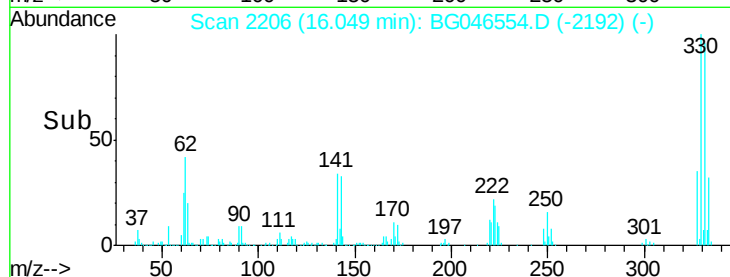
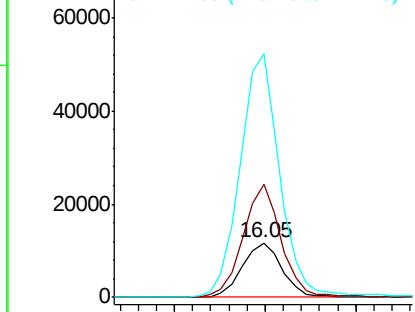
#67
4-Bromophenyl-phenylether
Concen: 3.502 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046554.D
Acq: 8 Sep 2020 12:22

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-6

Tot Ion:248 Resp: 17773
Ion Ratio Lower Upper
248 100
250 206.1 78.6 118.0#
141 445.6 43.9 65.9#

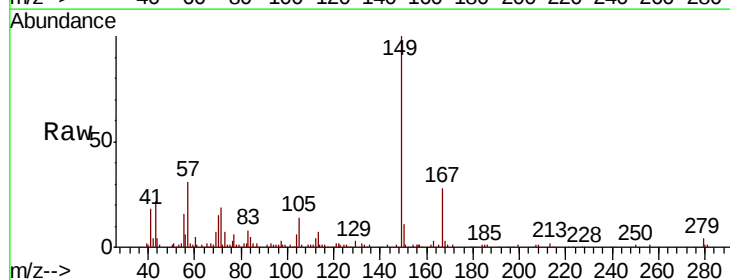


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

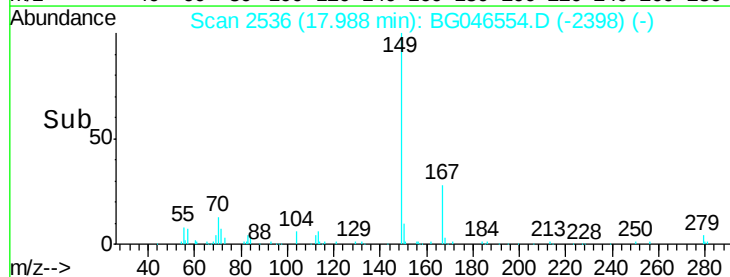
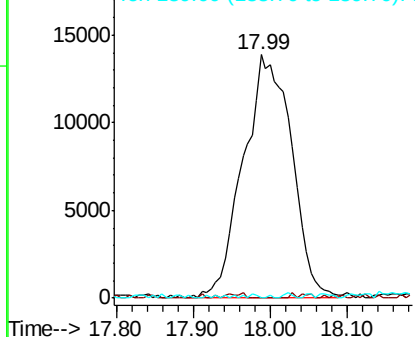


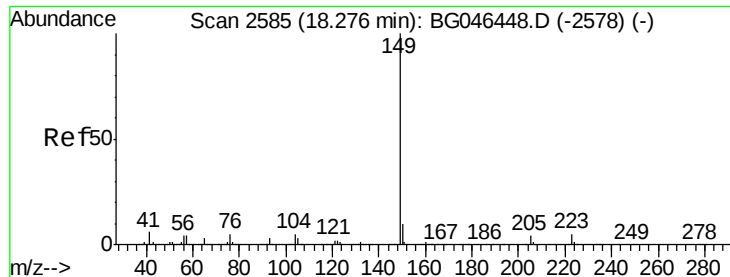
#73
Carbazole
Concen: 2.954 ng
RT: 17.99 min Scan# 2536
Delta R.T. 0.28 min
Lab File: BG046554.D
Acq: 8 Sep 2020 12:22

Tgt Ion:167 Resp: 60666
Ion Ratio Lower Upper
167 100
166 0.0 19.3 28.9#
139 0.0 9.7 14.5#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

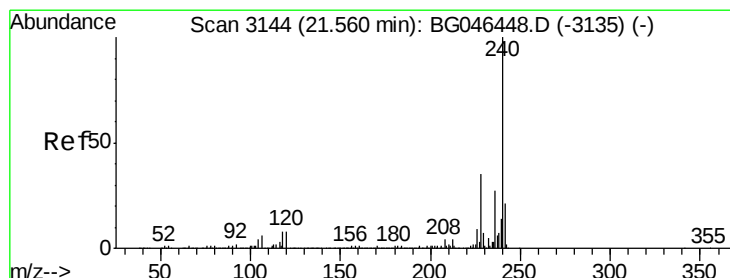
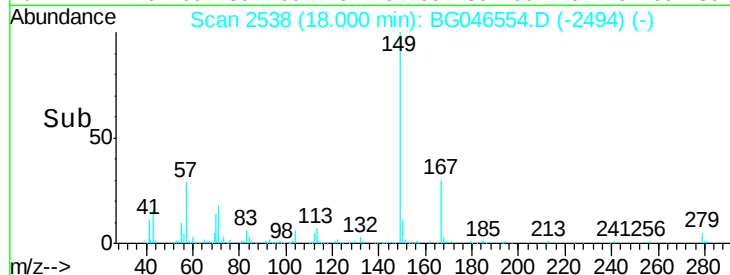
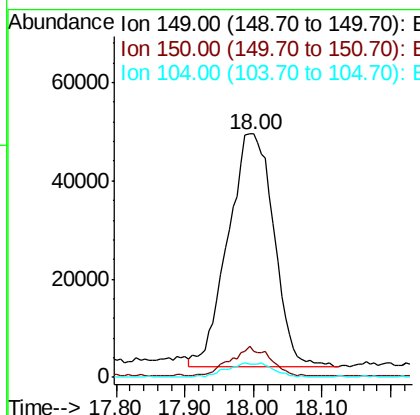
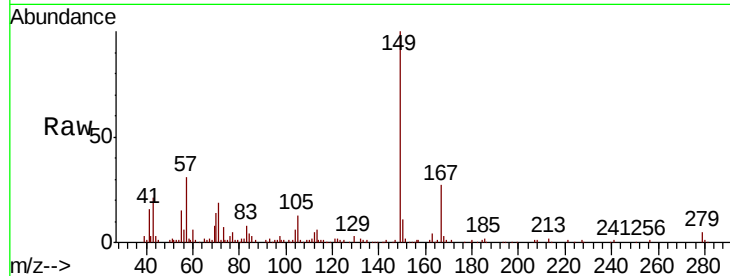




#74
Di-n-butylphthalate
Concen: 9.301 ng
RT: 18.00 min Scan# 2538
Delta R.T. -0.27 min
Lab File: BG046554.D
Acq: 8 Sep 2020 12:22

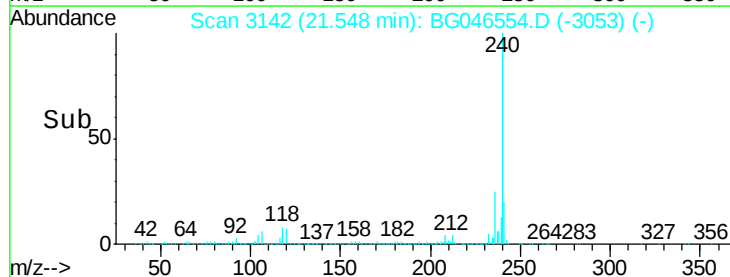
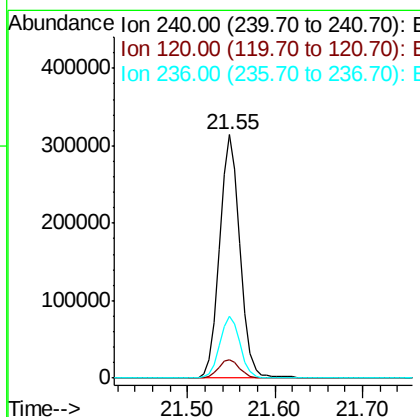
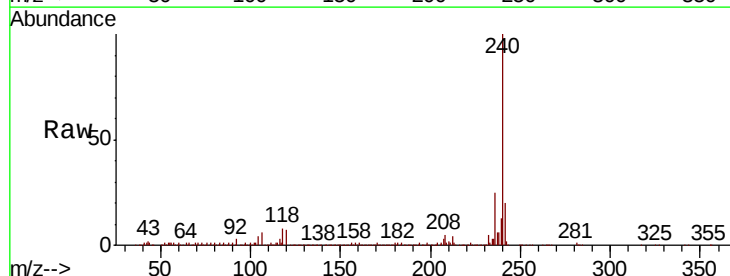
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-6

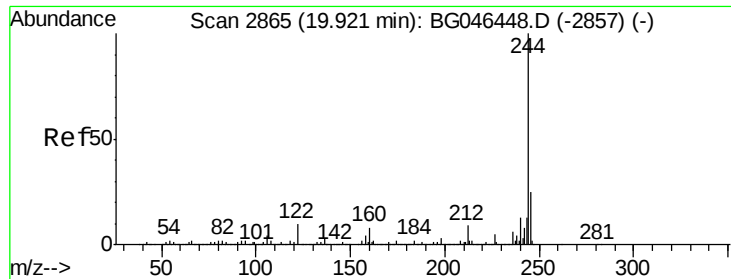
Tot Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.1	12.1
104	5.6	4.0	6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046554.D
Acq: 8 Sep 2020 12:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	25.5	21.4	32.2





#79

Terphenyl-d14

Concen: 53.932 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046554.D

Acq: 8 Sep 2020 12:22

Instrument :

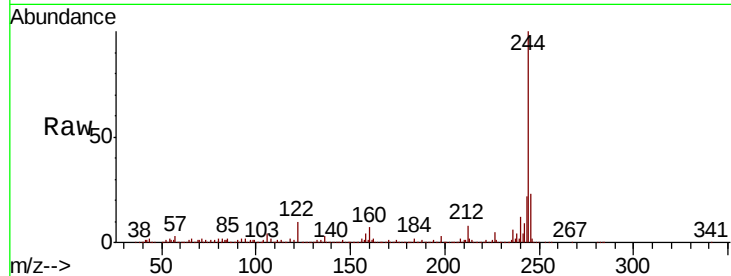
BNA_G

ClientSampleId :

AL-FALAH-6

Tot Ion:244 Resp: 1286475

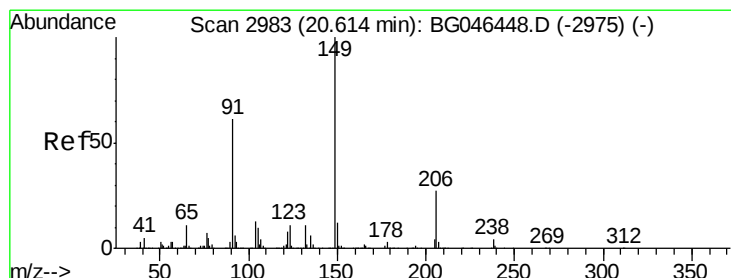
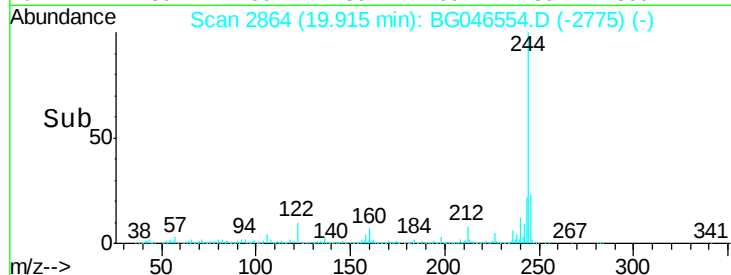
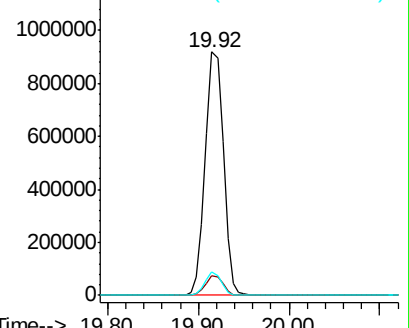
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	9.6	8.2	12.4



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



#80

Butylbenzylphthalate

Concen: 71.218 ng

RT: 20.40 min Scan# 2947

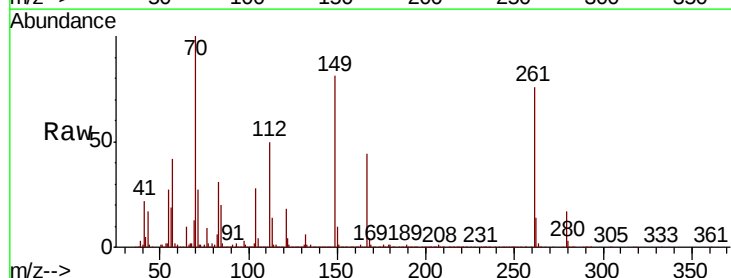
Delta R.T. -0.21 min

Lab File: BG046554.D

Acq: 8 Sep 2020 12:22

Tgt Ion:149 Resp: 897991

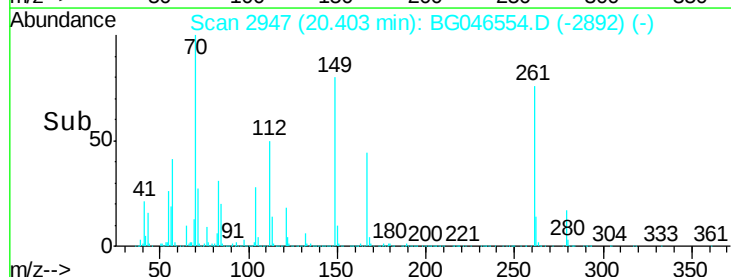
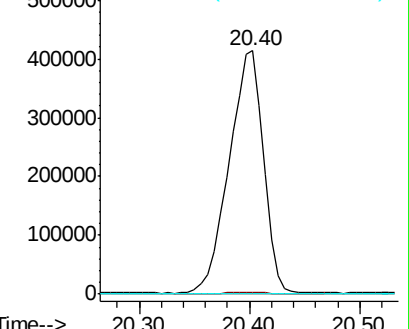
Ion	Ratio	Lower	Upper
149	100		
91	0.8	49.1	73.7#
206	0.1	21.9	32.9#

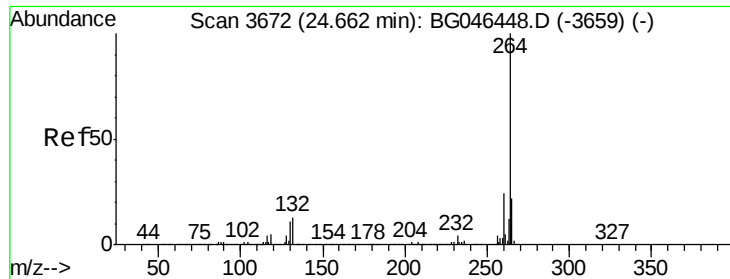


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

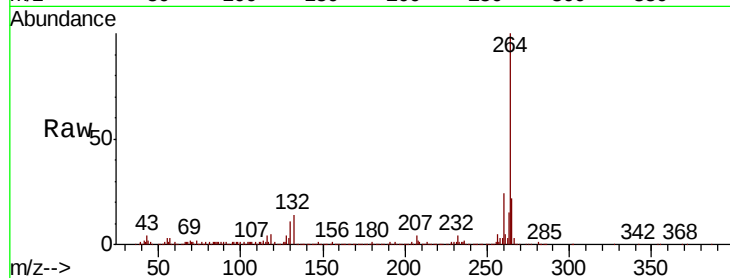




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046554.D
Acq: 8 Sep 2020 12:22

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.9	26.9



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

