

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046545.D
 Acq On : 4 Sep 2020 17:59
 Operator : CG/JU
 Sample : L3894-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-4

Quant Time: Sep 04 18:42:28 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

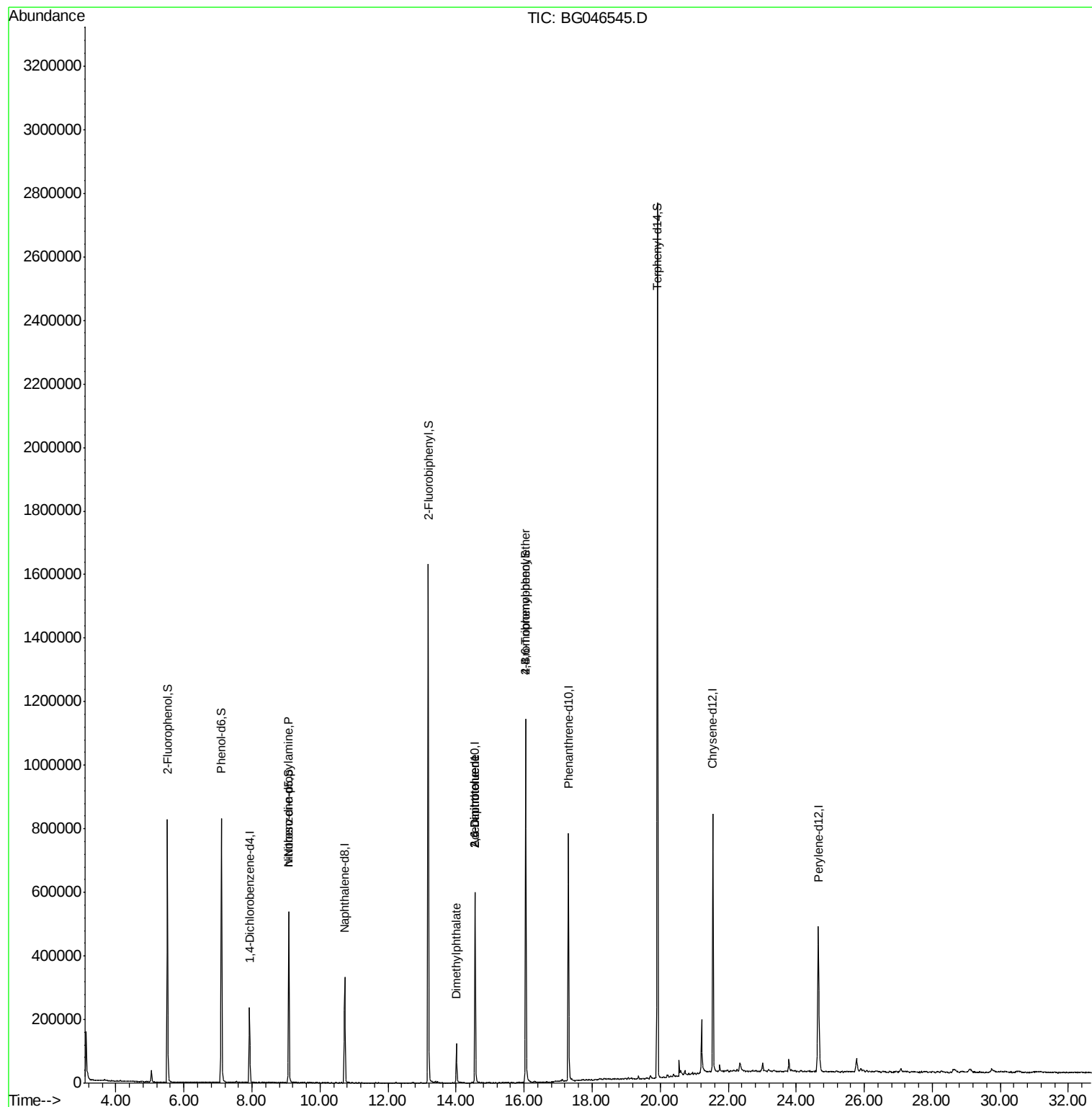
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73513	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	311752	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	226208	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	520754	20.00	ng	0.00
76) Chrysene-d12	21.55	240	487639	20.00	ng	0.00
86) Perylene-d12	24.65	264	480632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	386518	93.13	ng	0.00
7) Phenol-d6	7.10	99	518070	88.05	ng	0.00
23) Nitrobenzene-d5	9.08	82	343942	63.06	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	243416	79.42	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	916067	61.82	ng	0.00
79) Terphenyl-d14	19.91	244	1281588	55.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	43707	12.419	ng	Qvalue # 77
50) Dimethylphthalate	14.01	163	103198	5.897	ng	99
51) 2,6-Dinitrotoluene	14.56	165	29303	7.596	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	29303	5.327	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	18943	3.118	ng	# 1

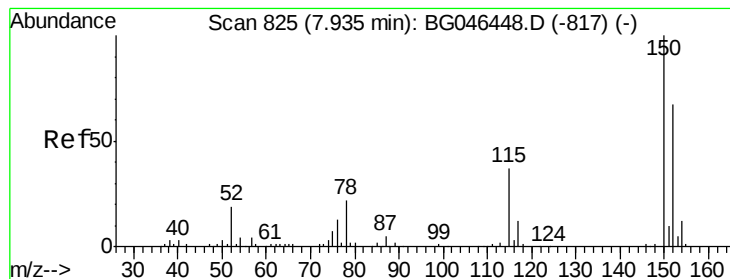
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046545.D
Acq On : 4 Sep 2020 17:59
Operator : CG/JU
Sample : L3894-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-4

Quant Time: Sep 04 18:42:28 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



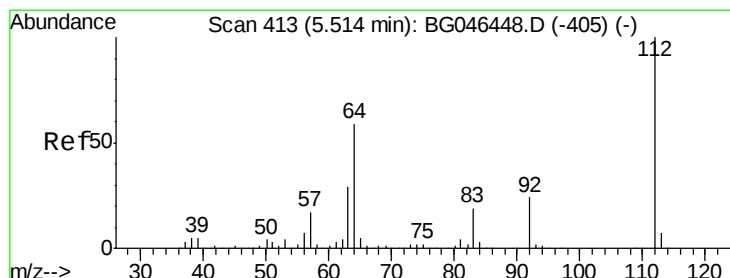
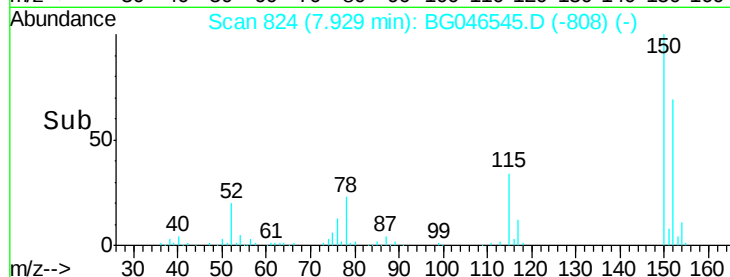
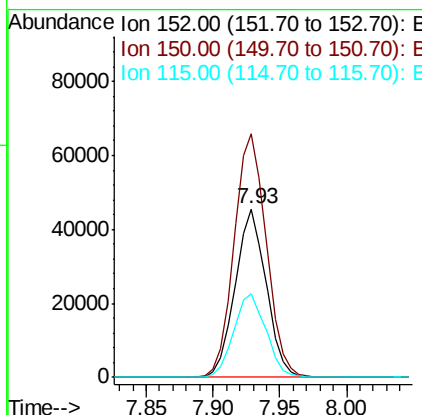
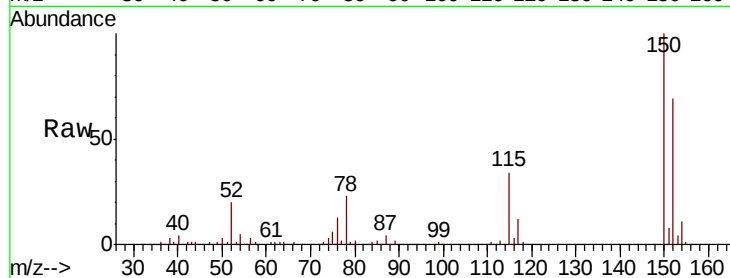


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046545.D
Acq: 4 Sep 2020 17:59

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-4

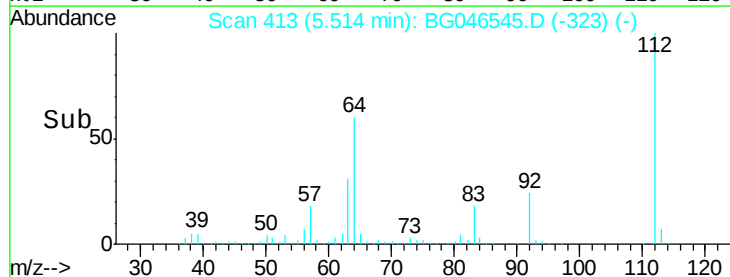
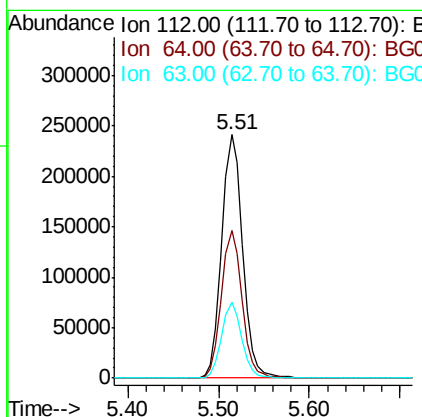
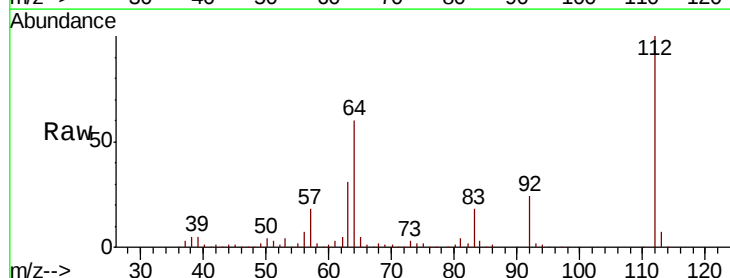
Tot Ion:152 Resp: 73513
Ion Ratio Lower Upper
152 100
150 144.7 119.5 179.3
115 49.8 44.3 66.5

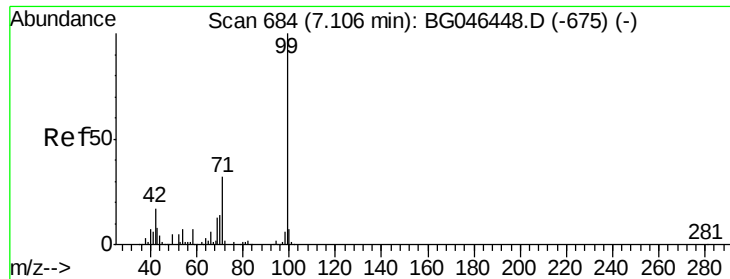


#5

2-Fluorophenol
Concen: 93.126 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046545.D
Acq: 4 Sep 2020 17:59

Tgt Ion:112 Resp: 386518
Ion Ratio Lower Upper
112 100
64 60.5 47.0 70.6
63 31.0 23.5 35.3





#7

Phenol-d6

Concen: 88.051 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046545.D

Acq: 4 Sep 2020 17:59

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-4

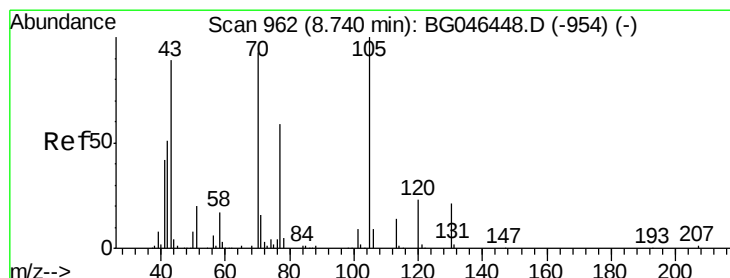
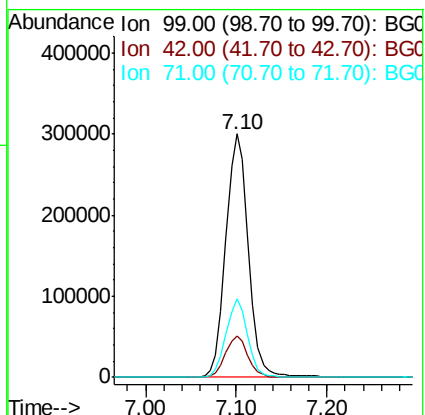
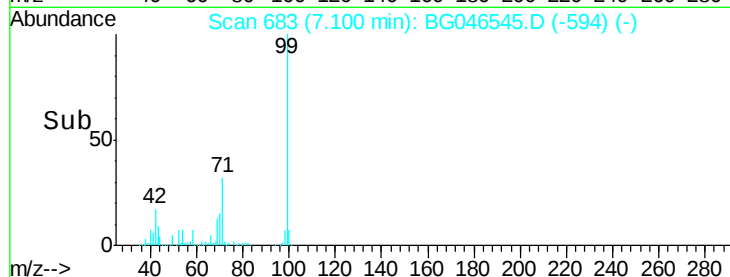
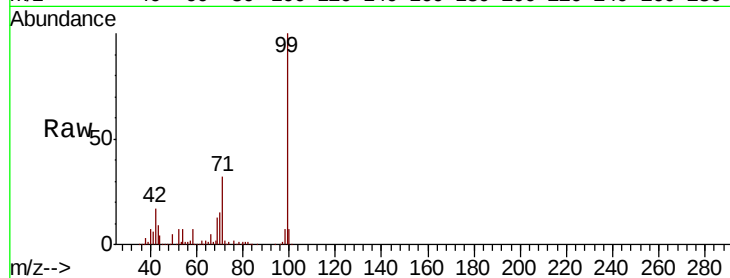
Tot Ion: 99 Resp: 518070

Ion Ratio Lower Upper

99 100

42 17.1 13.3 19.9

71 32.0 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.419 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046545.D

Acq: 4 Sep 2020 17:59

Tgt Ion: 70 Resp: 43707

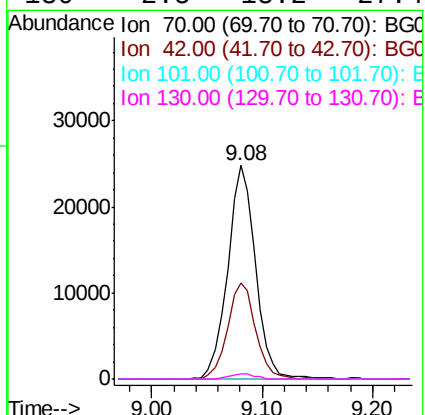
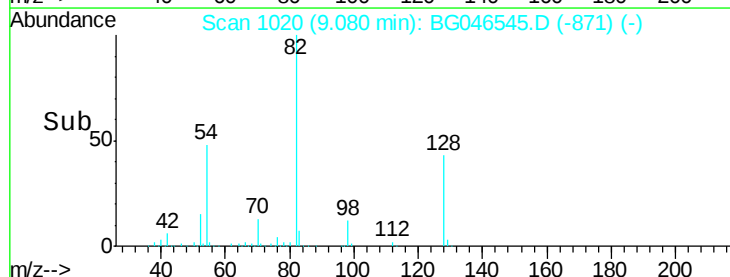
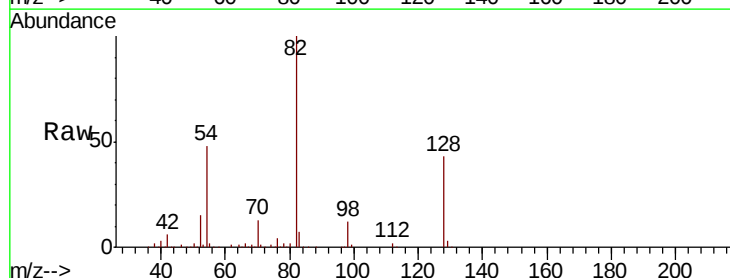
Ion Ratio Lower Upper

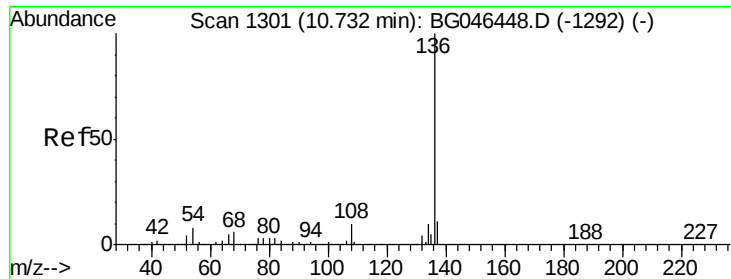
70 100

42 44.7 44.2 66.2

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

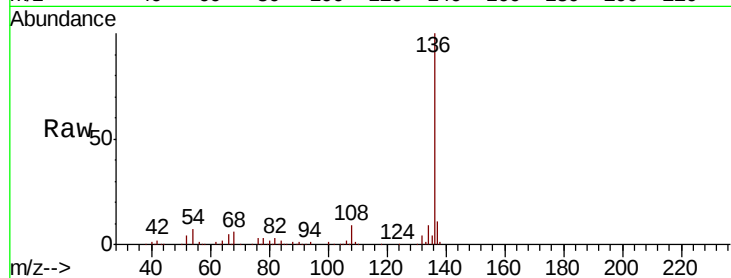




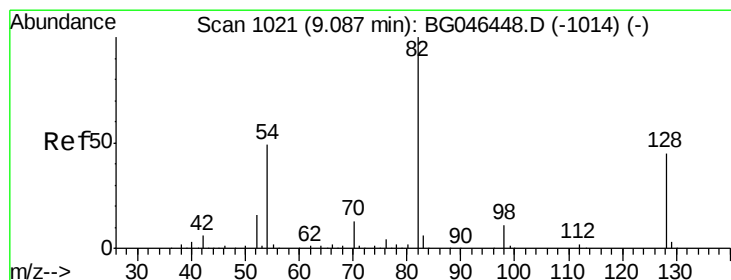
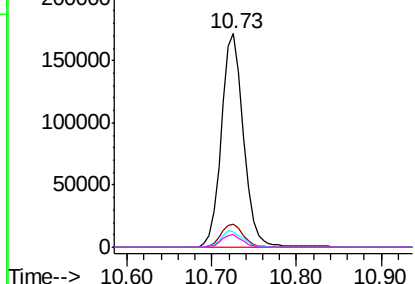
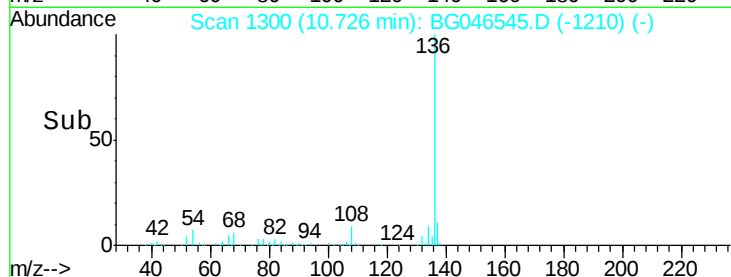
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046545.D
Acq: 4 Sep 2020 17:59

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-4

Tot Ion:136	Resp:	311752
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	7.4	6.1 9.1
68	6.0	4.8 7.2

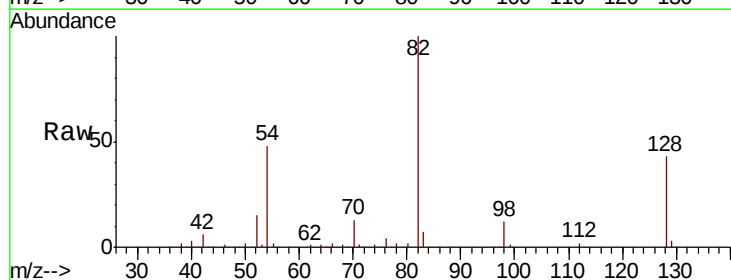


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

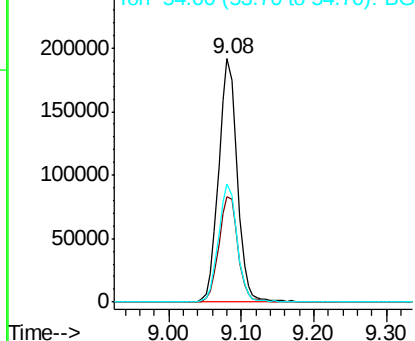
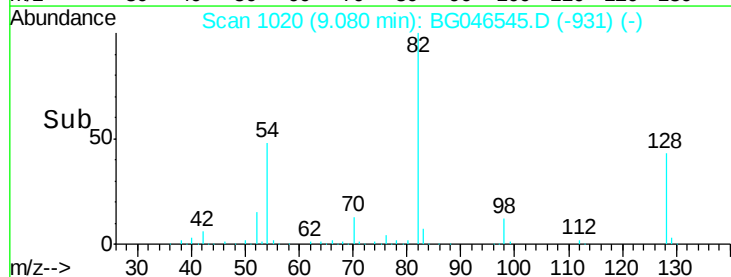


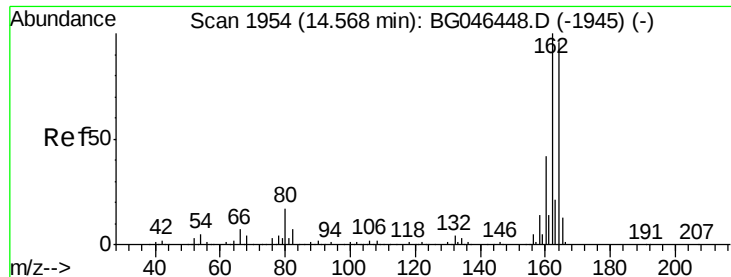
#23
Nitrobenzene-d5
Concen: 63.057 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046545.D
Acq: 4 Sep 2020 17:59

Tgt Ion: 82	Resp:	343942
Ion	Ratio	Lower Upper
82	100	
128	43.4	35.7 53.5
54	48.5	39.4 59.0



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

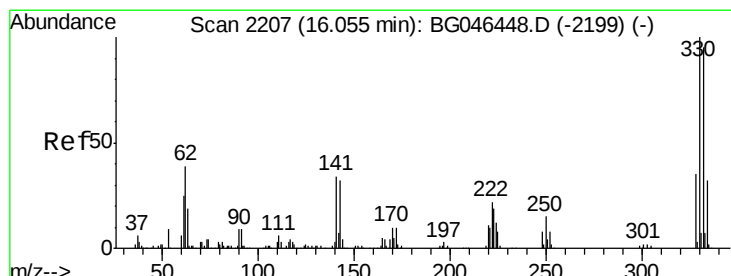
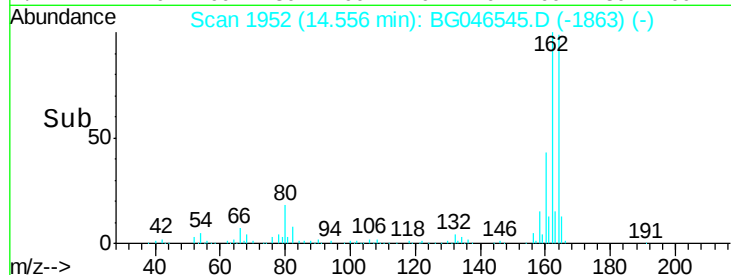
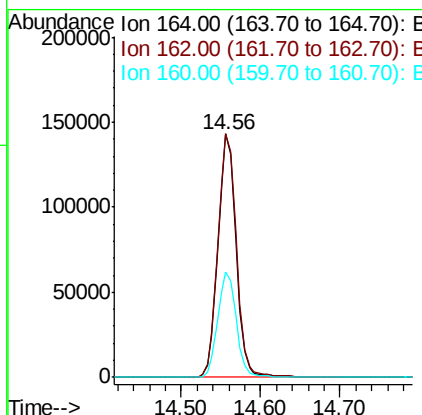
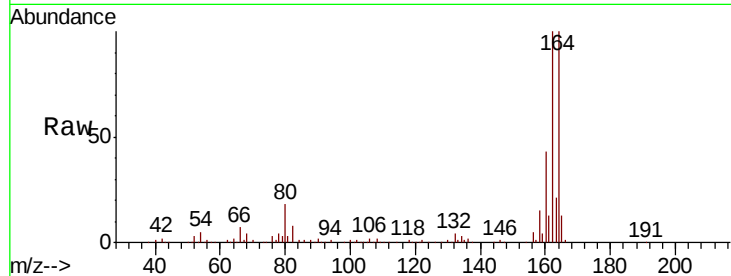




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG046545.D
 Acq: 4 Sep 2020 17:59

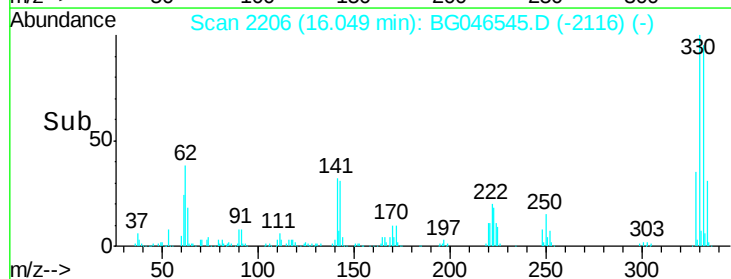
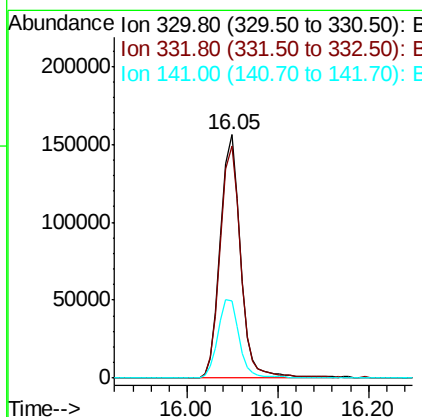
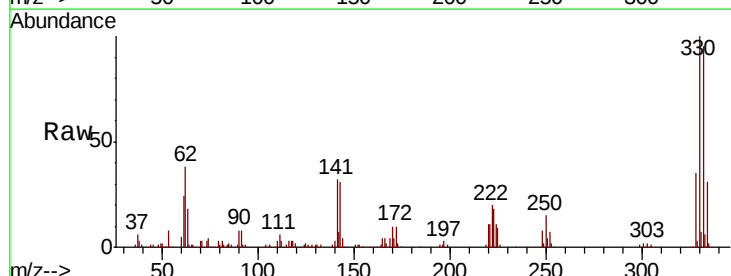
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-4

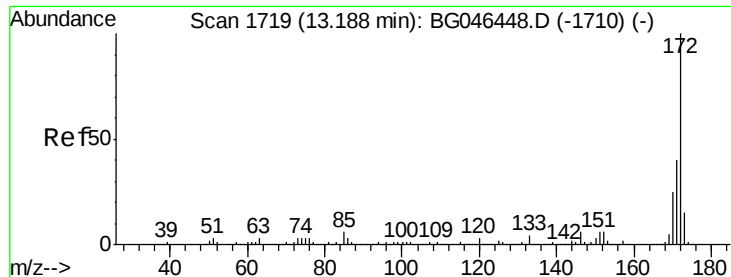
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.3	124.9
160	43.2	35.0	52.6



#42
 2,4,6-Tribromophenol
 Concen: 79.419 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046545.D
 Acq: 4 Sep 2020 17:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.1	114.1
141	34.0	26.1	39.1

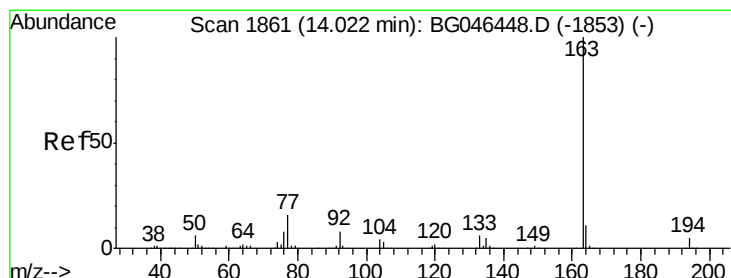
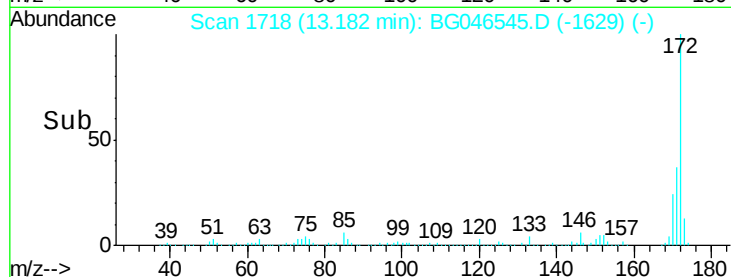
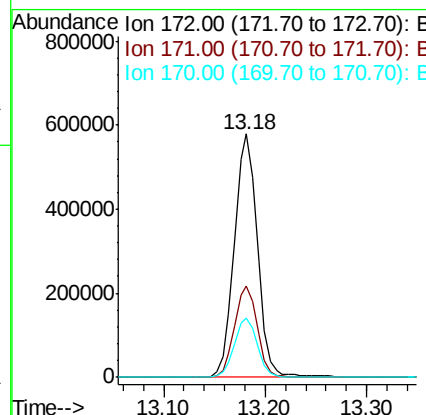
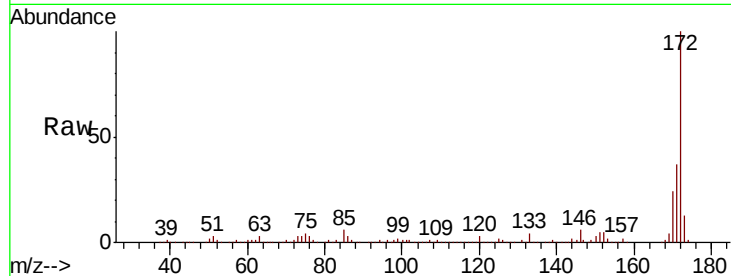




#45
2-Fluorobiphenyl
Concen: 61.821 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046545.D
Acq: 4 Sep 2020 17:59

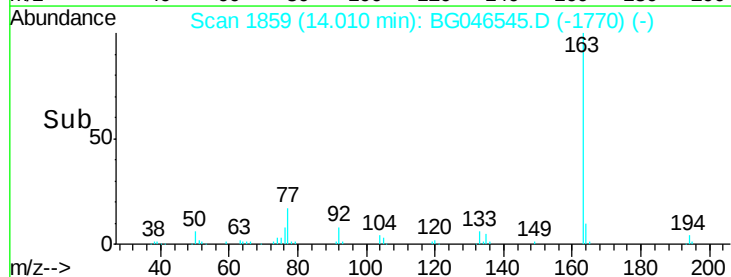
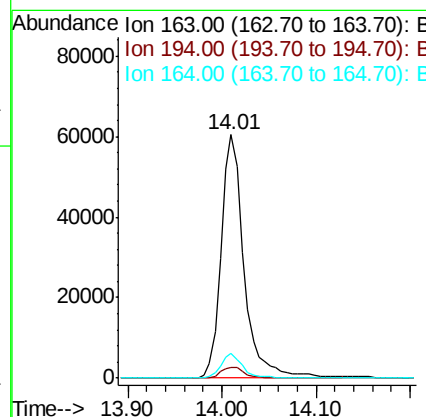
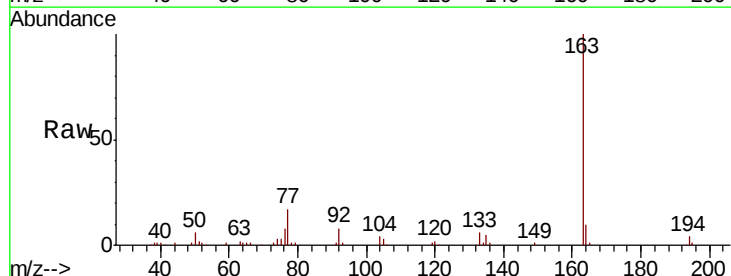
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-4

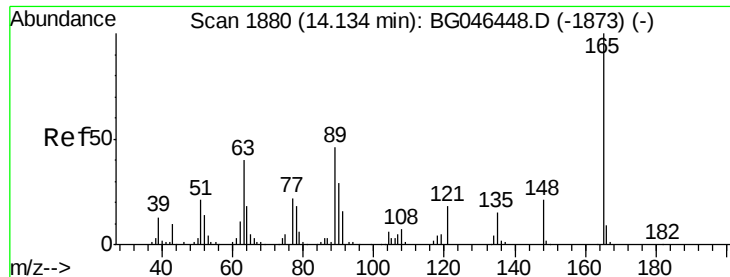
Tot Ion:172 Resp: 916067
Ion Ratio Lower Upper
172 100
171 37.5 31.8 47.6
170 24.4 20.3 30.5



#50
Dimethylphthalate
Concen: 5.897 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046545.D
Acq: 4 Sep 2020 17:59

Tgt Ion:163 Resp: 103198
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 10.4 8.6 12.8

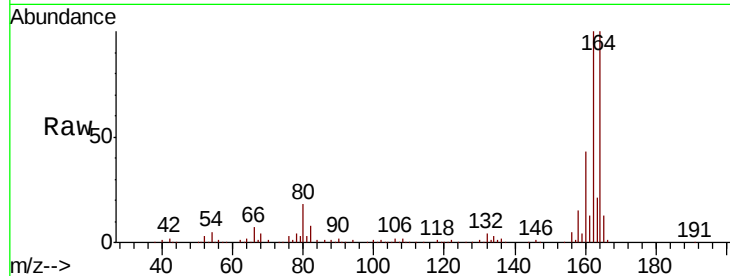




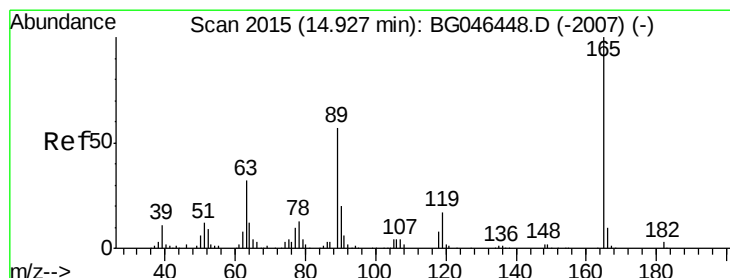
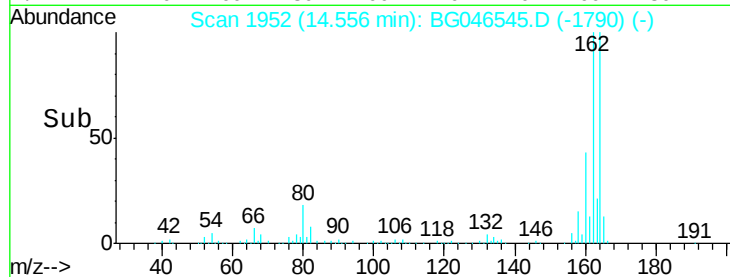
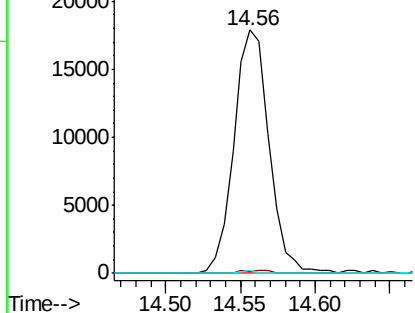
#51
 2,6-Dinitrotoluene
 Concen: 7.596 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.42 min
 Lab File: BG046545.D
 Acq: 4 Sep 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-4

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.2	51.4#
89	1.4	37.0	55.4#

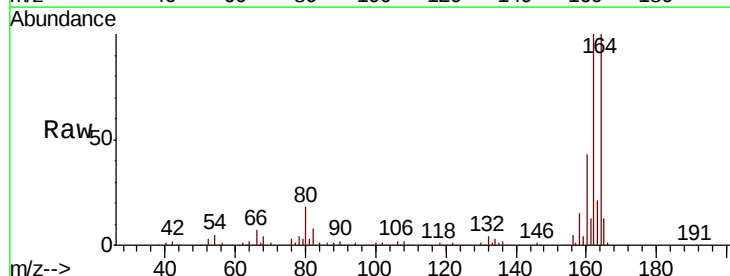


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

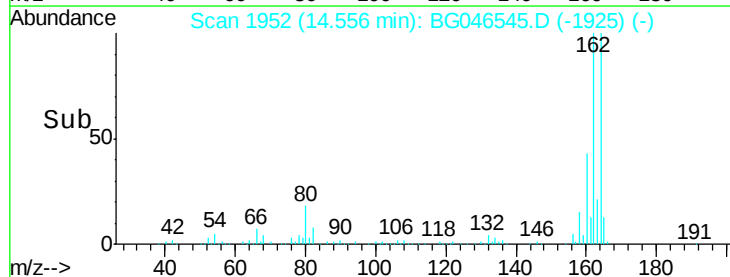
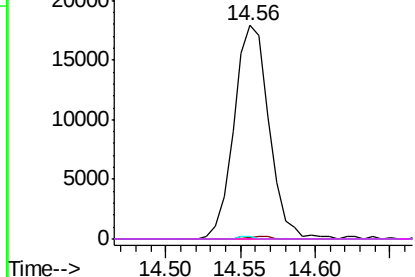


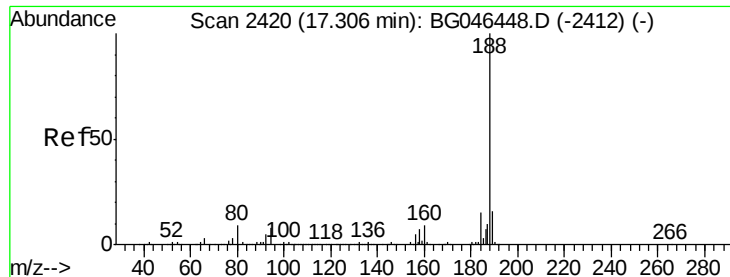
#57
 2,4-Dinitrotoluene
 Concen: 5.327 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046545.D
 Acq: 4 Sep 2020 17:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	1.4	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: BG046545.D

Acq: 4 Sep 2020 17:59

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-4

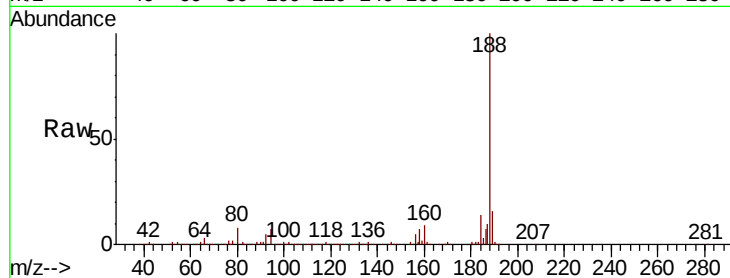
Tot Ion:188 Resp: 520754

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

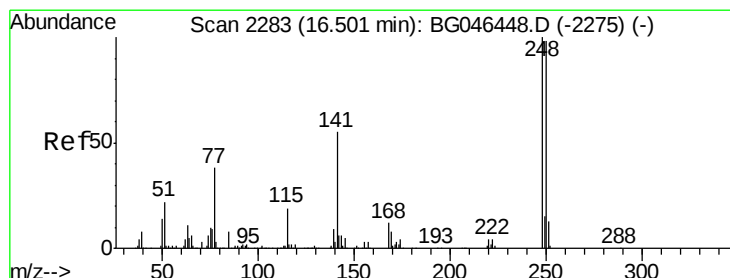
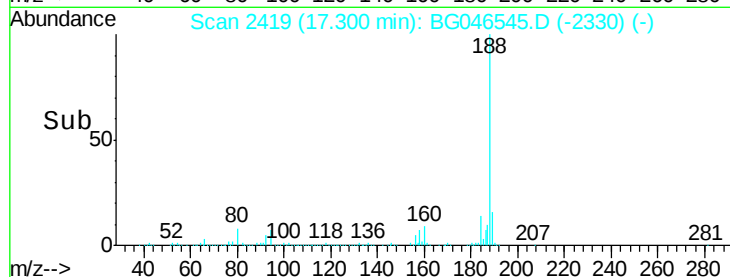
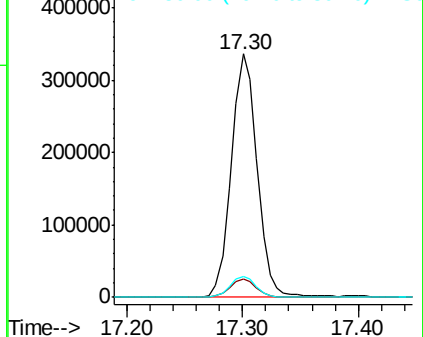
80 8.4 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.118 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.45 min

Lab File: BG046545.D

Acq: 4 Sep 2020 17:59

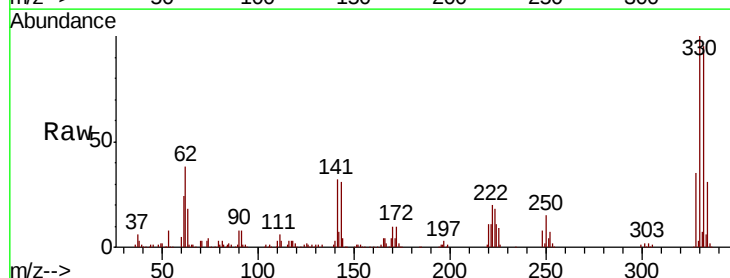
Tgt Ion:248 Resp: 18943

Ion Ratio Lower Upper

248 100

250 194.0 78.6 118.0#

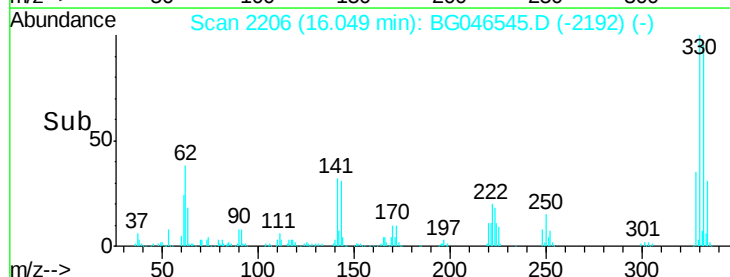
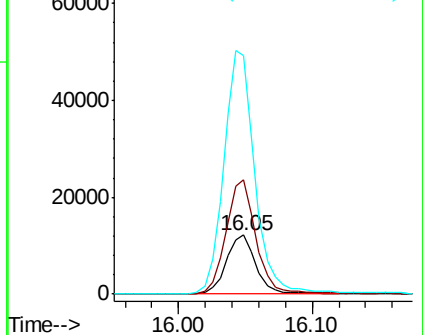
141 406.4 43.9 65.9#

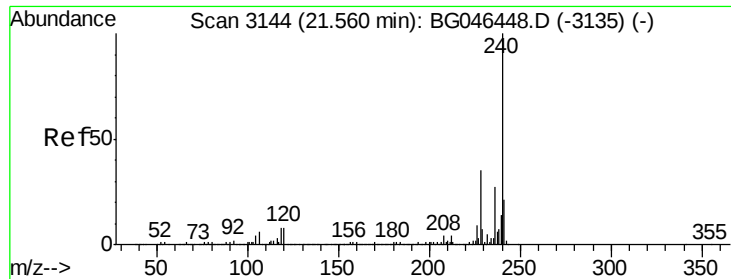


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

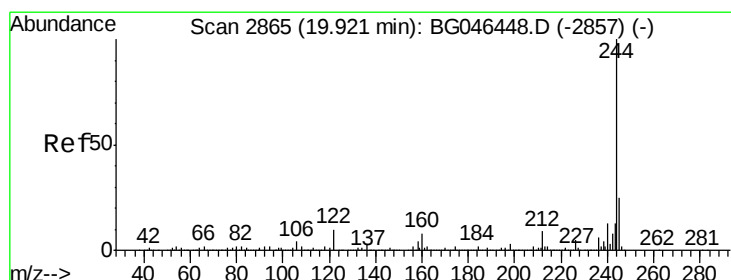
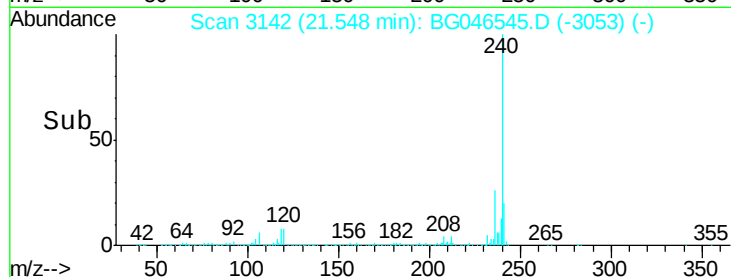
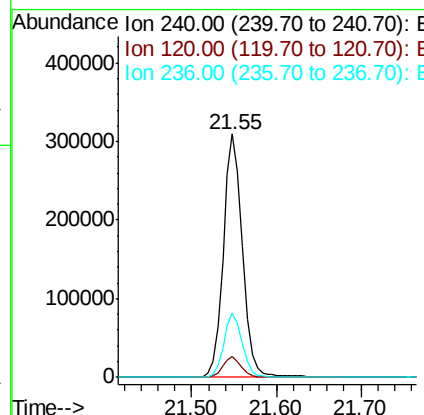
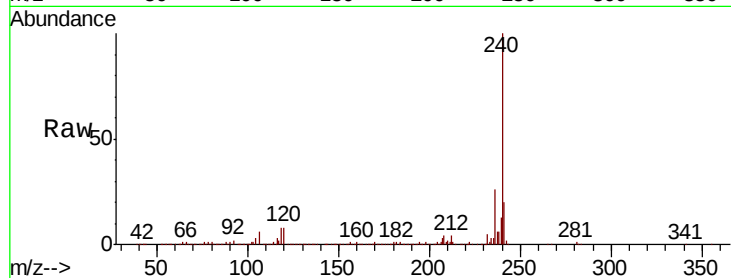




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046545.D
Acq: 4 Sep 2020 17:59

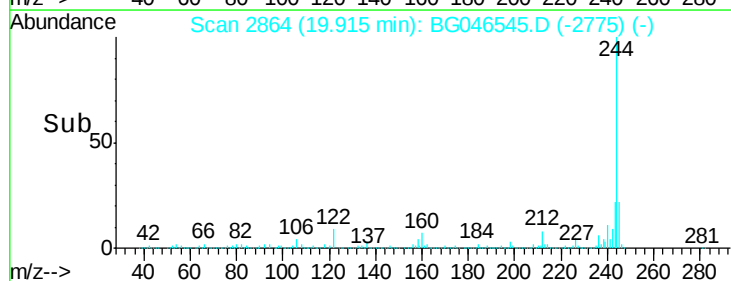
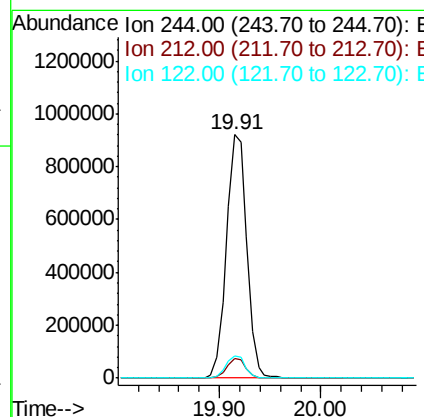
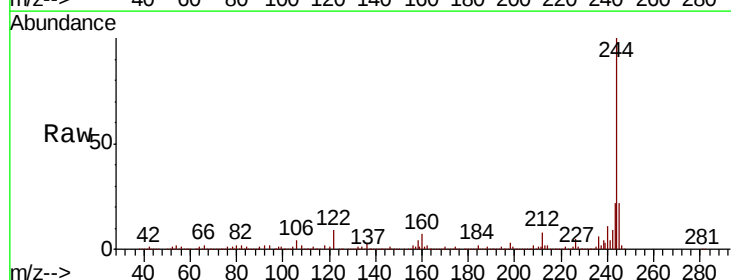
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-4

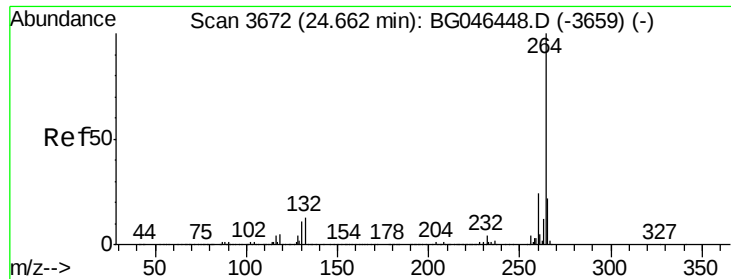
Tot Ion:240 Resp: 487639
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 26.3 21.4 32.2



#79
Terphenyl-d14
Concen: 55.932 ng
RT: 19.91 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG046545.D
Acq: 4 Sep 2020 17:59

Tgt Ion:244 Resp: 1281588
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 9.3 8.2 12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046545.D
Acq: 4 Sep 2020 17:59

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-4

Tot Ion: 264 Resp: 480632
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.6 17.9 26.9

