

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046543.D
 Acq On : 4 Sep 2020 16:38
 Operator : CG/JU
 Sample : L3894-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-2

Quant Time: Sep 04 18:16:26 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

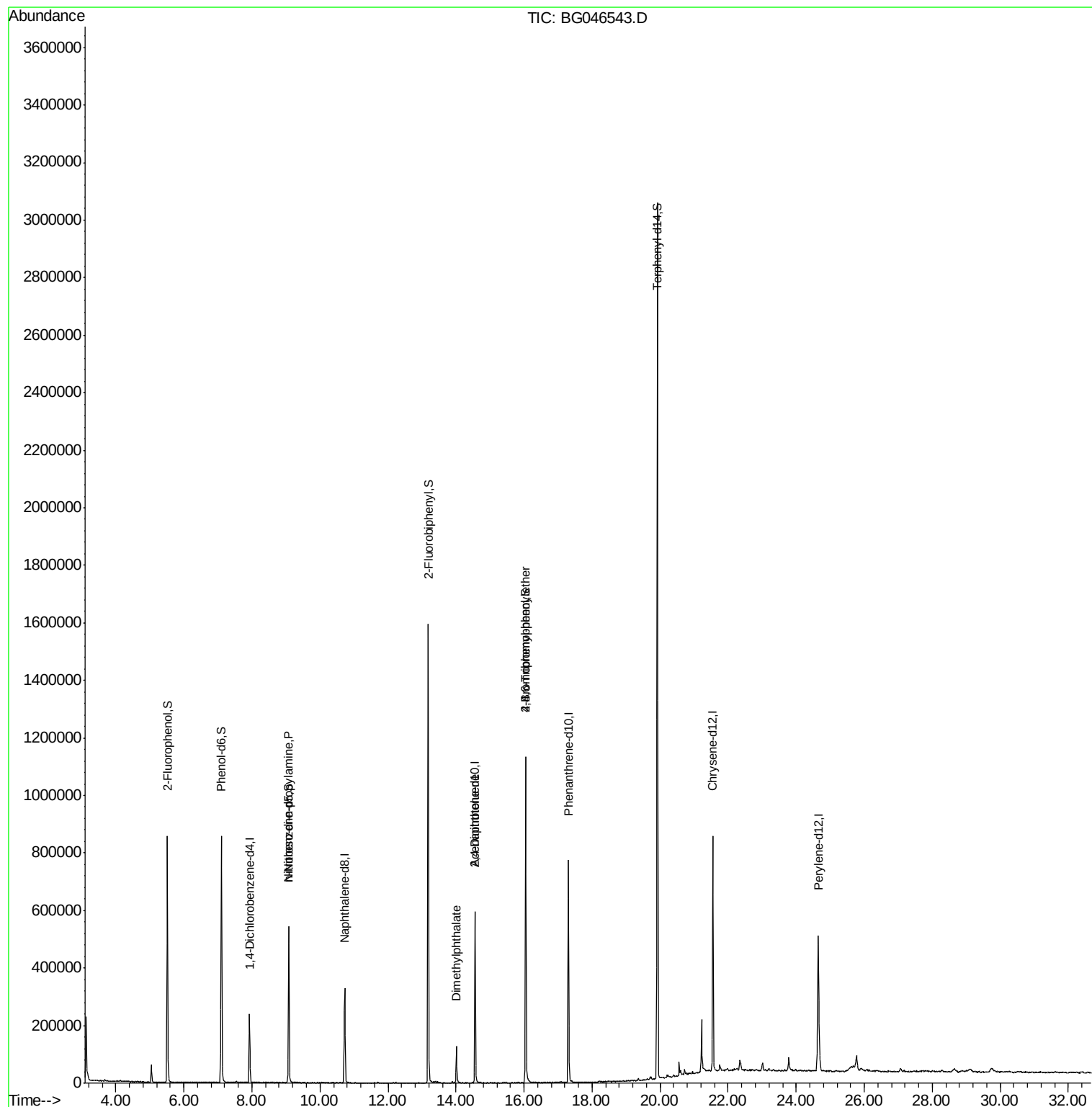
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	76256	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	317708	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	220172	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	527364	20.00	ng	0.00
76) Chrysene-d12	21.55	240	521267	20.00	ng	0.00
86) Perylene-d12	24.65	264	508132	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	397826	92.40	ng	0.00
7) Phenol-d6	7.10	99	531299	87.05	ng	0.00
23) Nitrobenzene-d5	9.08	82	351151	63.17	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	245285	82.22	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	926519	64.24	ng	0.00
79) Terphenyl-d14	19.92	244	1395258	56.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	43483	11.911	ng	Qvalue # 78
50) Dimethylphthalate	14.01	163	107916	6.335	ng	98
57) 2,4-Dinitrotoluene	14.56	165	29120	5.439	ng	# 32
67) 4-Bromophenyl-phenylether	16.05	248	18101	2.942	ng	# 1

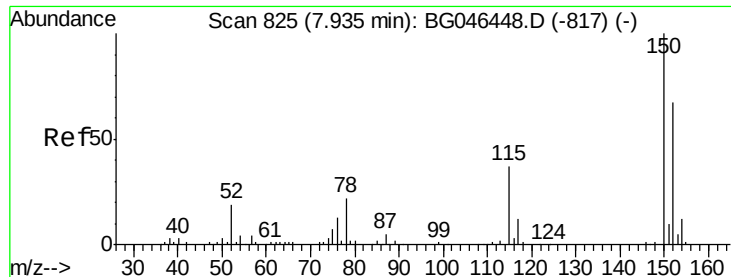
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046543.D
Acq On : 4 Sep 2020 16:38
Operator : CG/JU
Sample : L3894-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-2

Quant Time: Sep 04 18:16:26 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



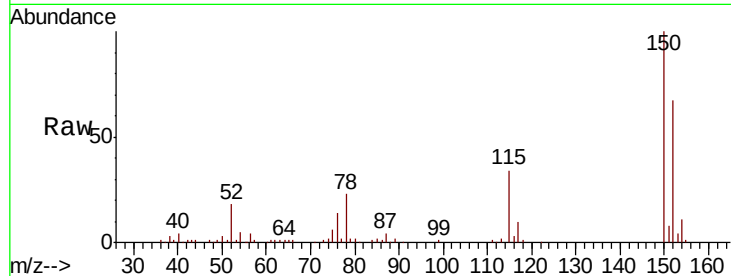


#1

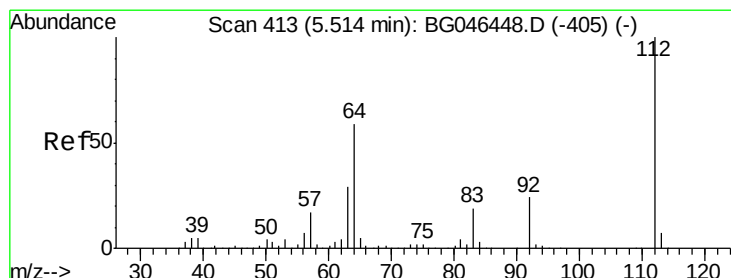
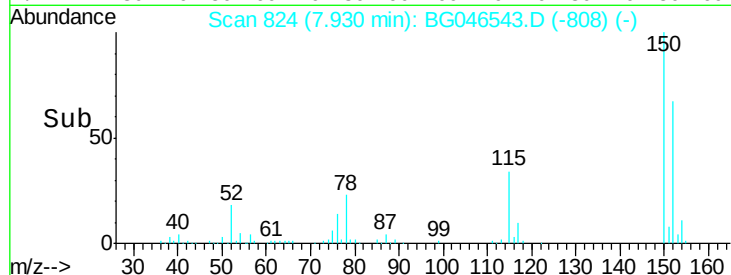
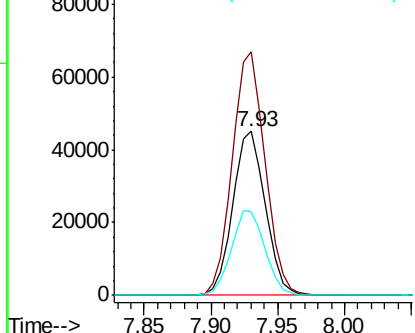
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046543.D
Acq: 4 Sep 2020 16:38

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-2

Tot Ion	152	Resp	76256
Ion Ratio	Lower	Upper	
152	100		
150	148.5	119.5	179.3
115	50.9	44.3	66.5



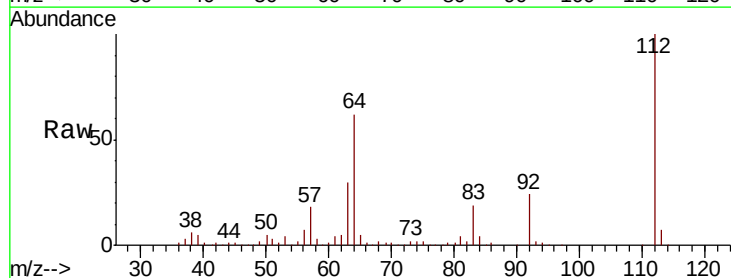
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



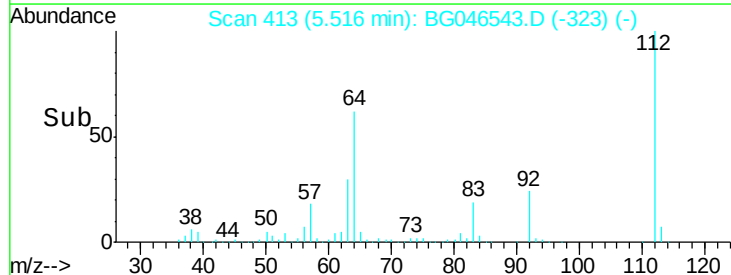
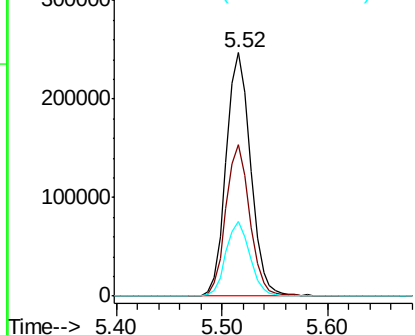
#5

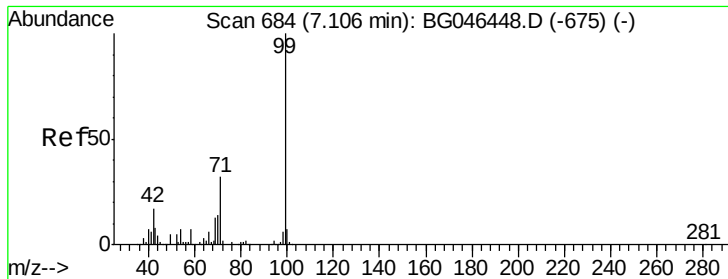
2-Fluorophenol
Concen: 92.402 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046543.D
Acq: 4 Sep 2020 16:38

Tgt Ion	112	Resp	397826
Ion Ratio	Lower	Upper	
112	100		
64	62.0	47.0	70.6
63	30.4	23.5	35.3



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: 87.051 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046543.D

Acq: 4 Sep 2020 16:38

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-2

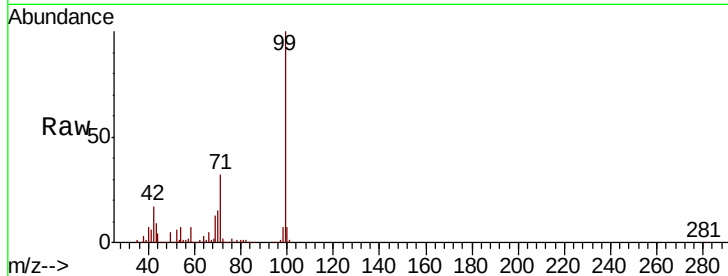
Tot Ion: 99 Resp: 531299

Ion Ratio Lower Upper

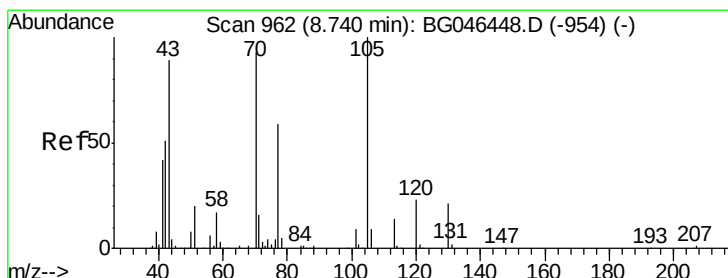
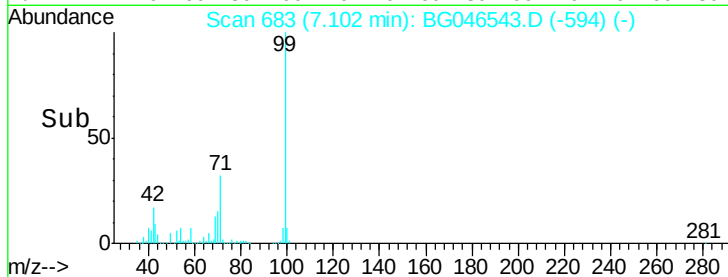
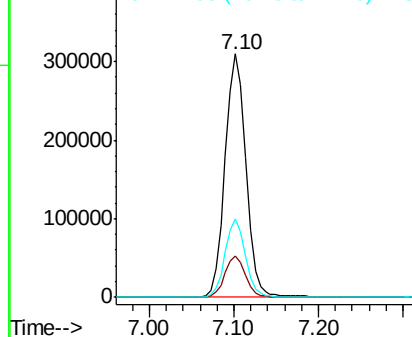
99 100

42 17.2 13.3 19.9

71 32.1 25.3 37.9



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: 11.911 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046543.D

Acq: 4 Sep 2020 16:38

Tgt Ion: 70 Resp: 43483

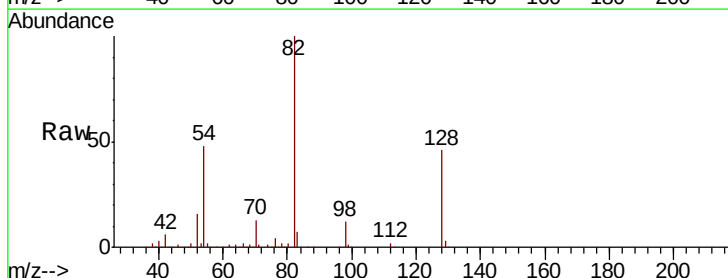
Ion Ratio Lower Upper

70 100

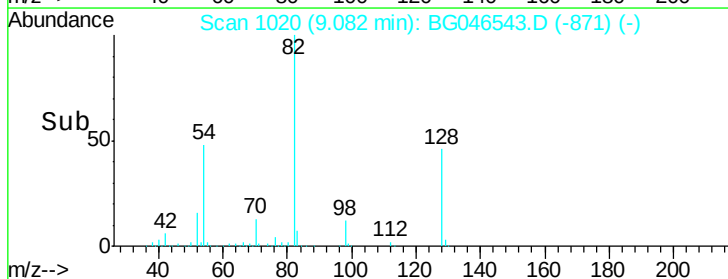
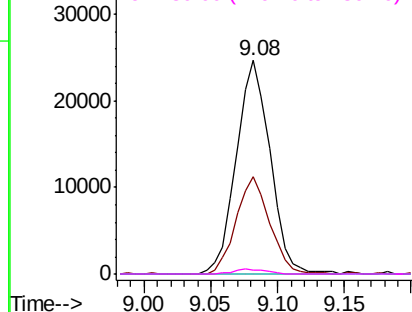
42 45.7 44.2 66.2

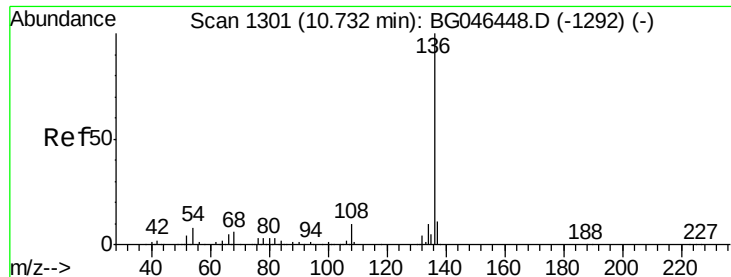
101 0.0 7.8 11.8#

130 2.0 18.2 27.4#



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

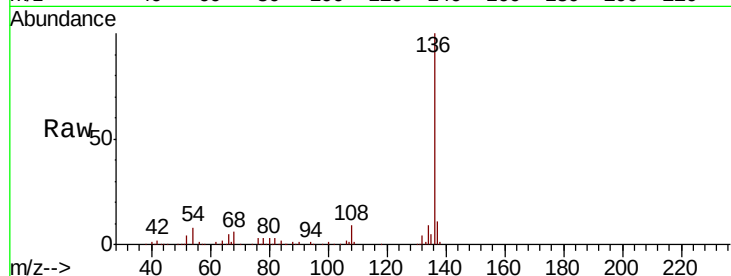




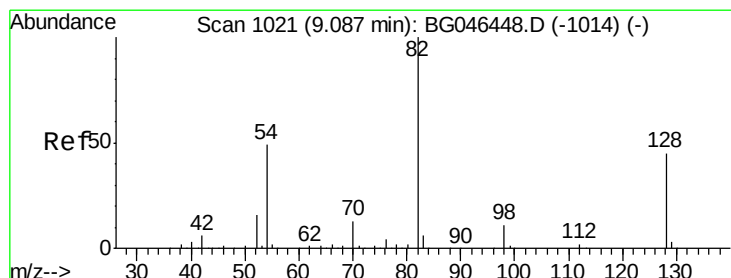
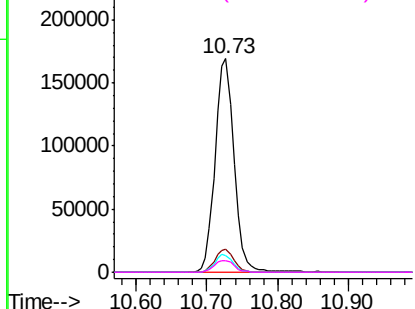
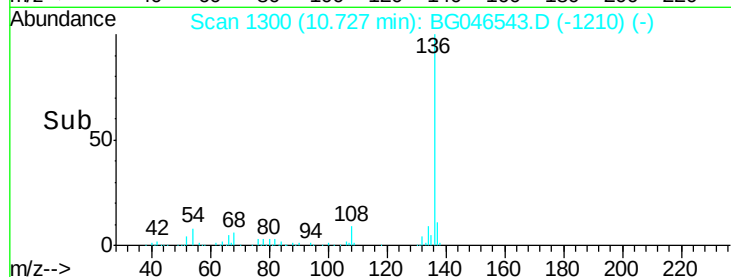
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046543.D
Acq: 4 Sep 2020 16:38

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-2

Tot Ion:136	Resp:	317708
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 7.8	6.1	9.1
68 5.5	4.8	7.2

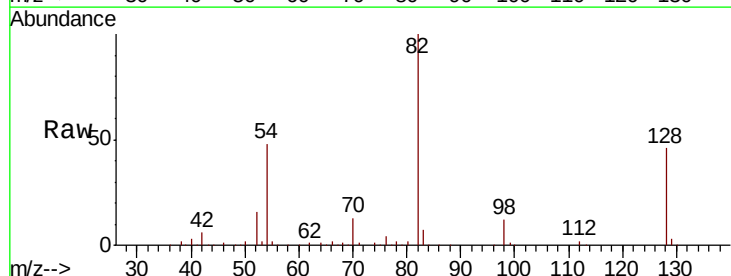


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

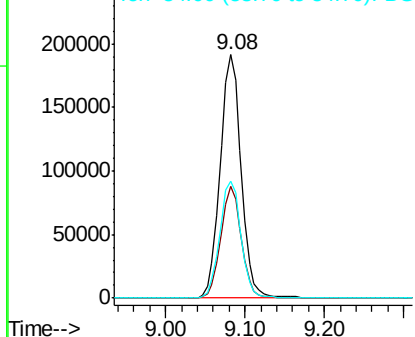
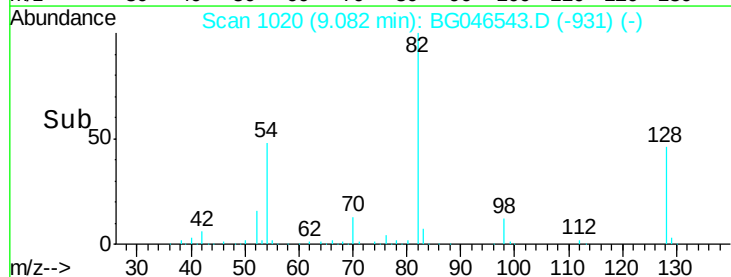


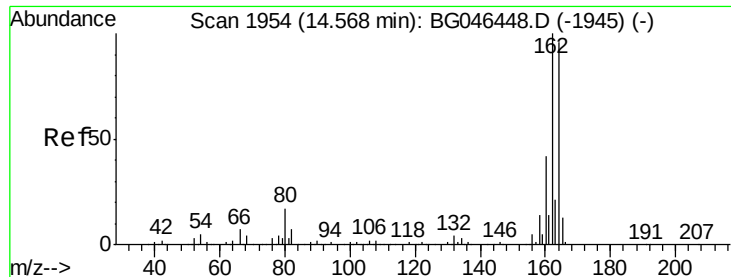
#23
Nitrobenzene-d5
Concen: 63.171 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046543.D
Acq: 4 Sep 2020 16:38

Tgt Ion: 82	Resp: 351151
Ion Ratio	Lower Upper
82 100	
128 46.1	35.7 53.5
54 48.1	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. -0.00 min

Lab File: BG046543.D

Acq: 4 Sep 2020 16:38

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-2

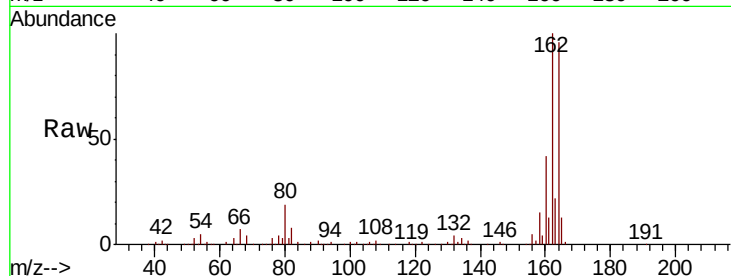
Tot Ion:164 Resp: 220172

Ion Ratio Lower Upper

164 100

162 104.1 83.3 124.9

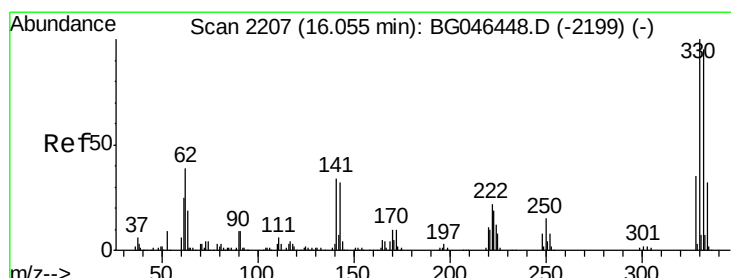
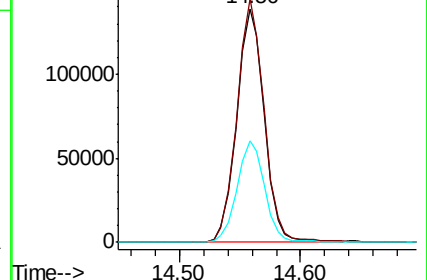
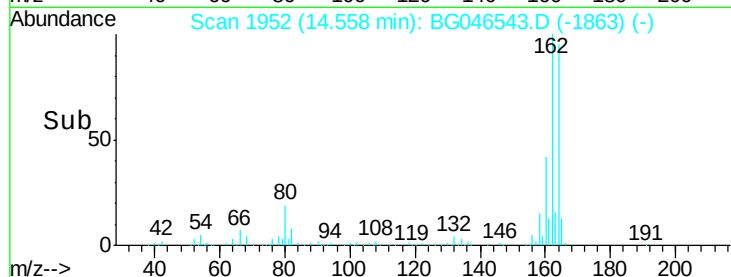
160 43.6 35.0 52.6



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: 82.223 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046543.D

Acq: 4 Sep 2020 16:38

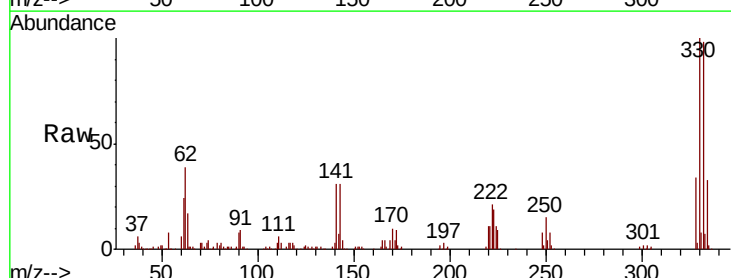
Tgt Ion:330 Resp: 245285

Ion Ratio Lower Upper

330 100

332 97.3 76.1 114.1

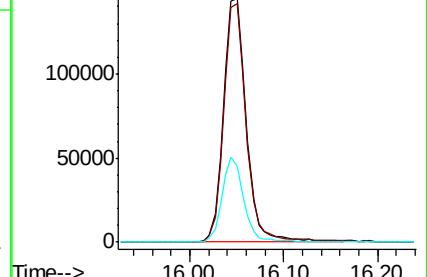
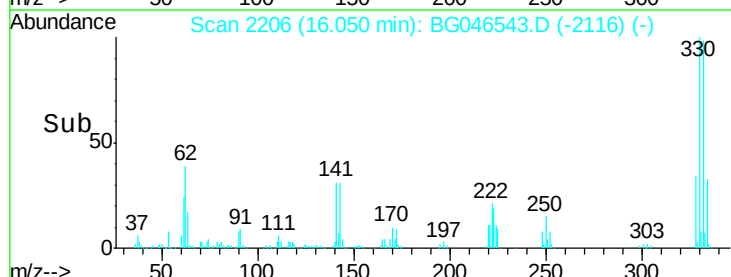
141 33.2 26.1 39.1

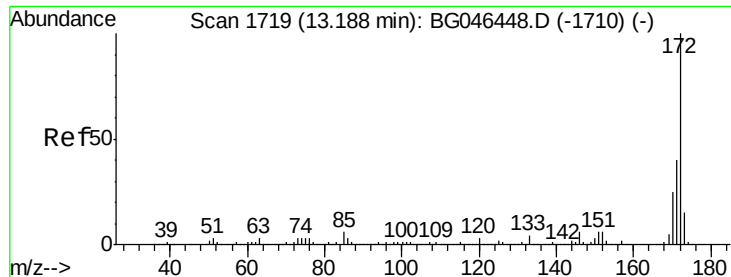


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

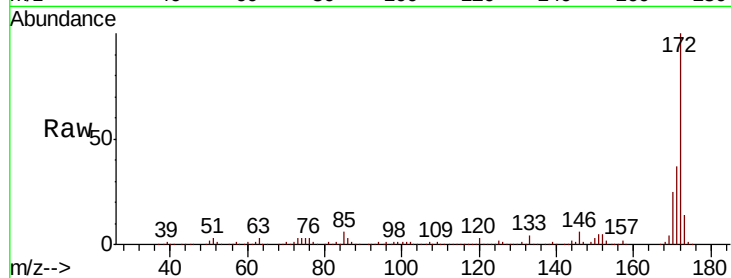




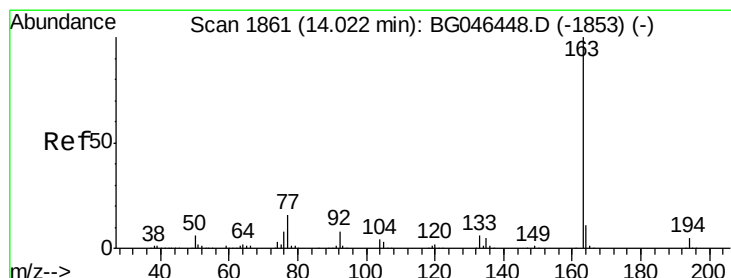
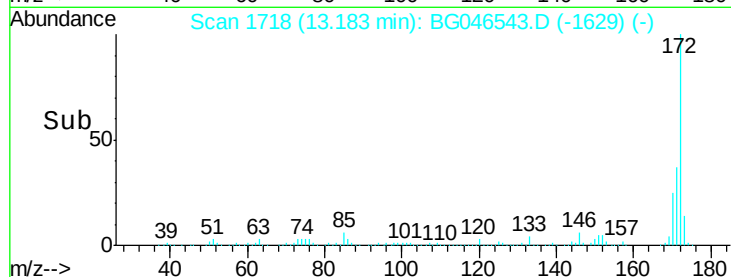
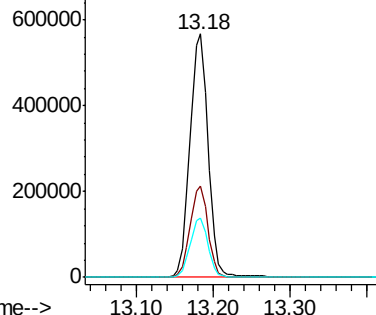
#45
2-Fluorobiphenyl
Concen: 64.240 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046543.D
Acq: 4 Sep 2020 16:38

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-2

Tot Ion:172 Resp: 926519
Ion Ratio Lower Upper
172 100
171 37.3 31.8 47.6
170 24.5 20.3 30.5

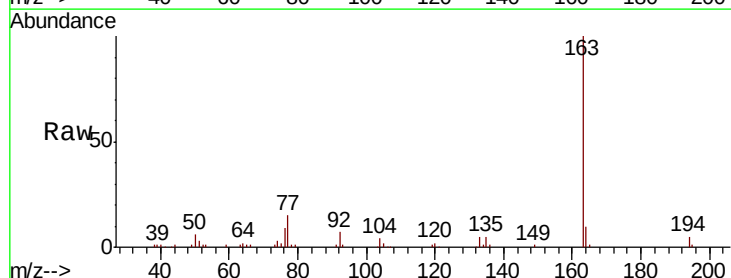


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

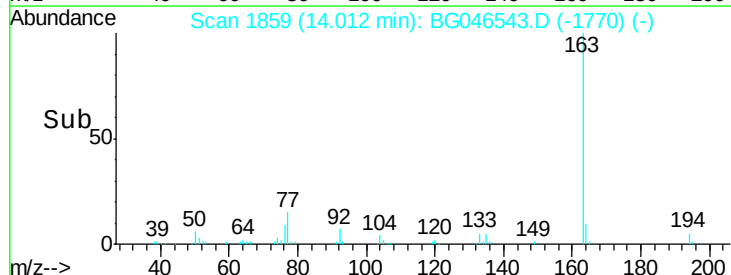
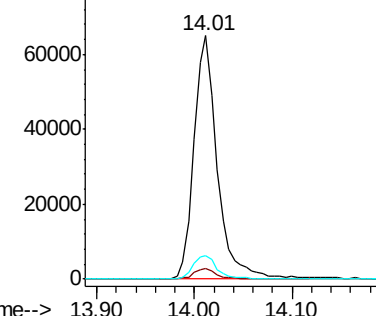


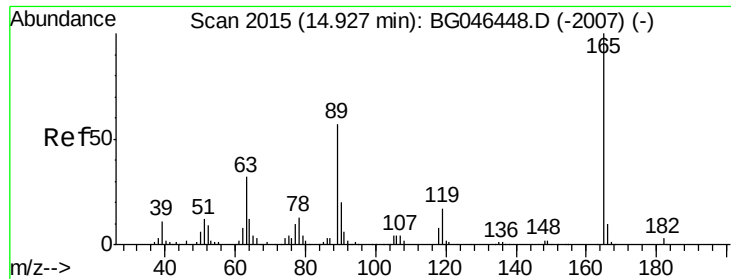
#50
Dimethylphthalate
Concen: 6.335 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG046543.D
Acq: 4 Sep 2020 16:38

Tgt Ion:163 Resp: 107916
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 9.6 8.6 12.8



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

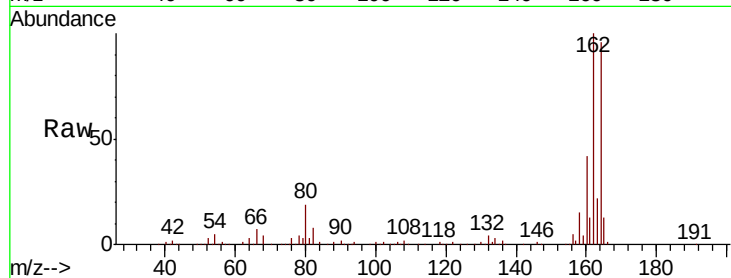




#57
 2,4-Dinitrotoluene
 Concen: 5.439 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046543.D
 Acq: 4 Sep 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-2

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

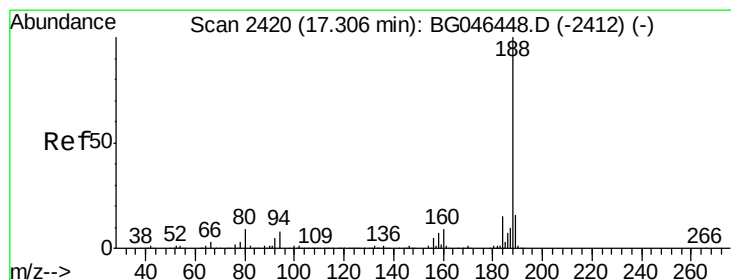
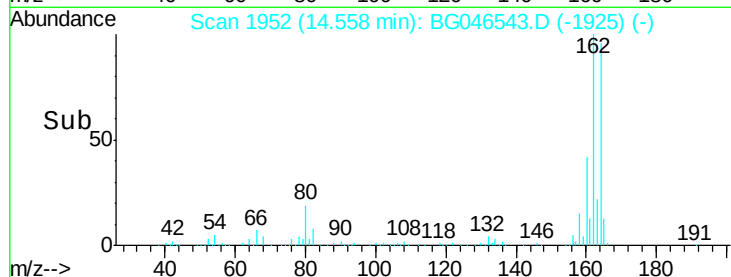
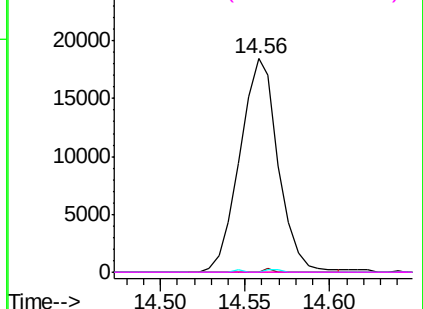


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

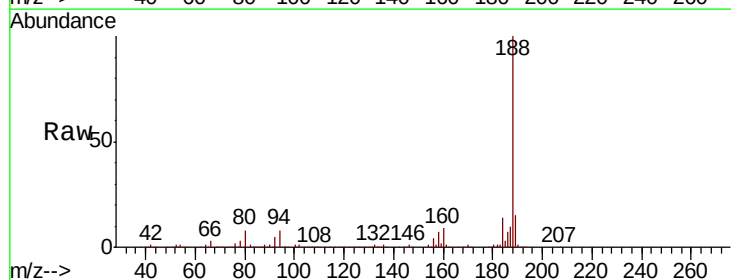
Ion 89.00 (88.70 to 89.70): BGC

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. -0.00 min
 Lab File: BG046543.D
 Acq: 4 Sep 2020 16:38

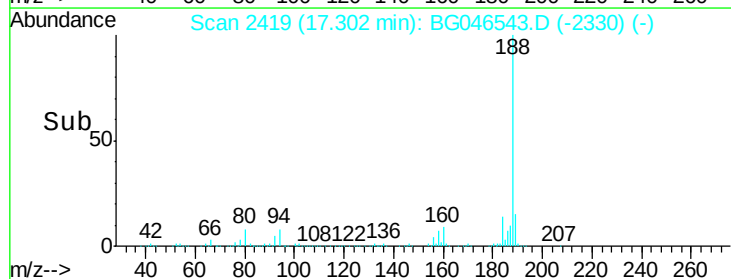
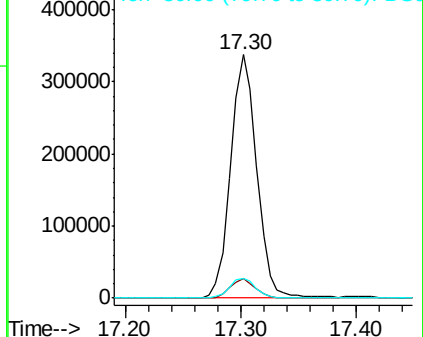
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	8.2	6.9	10.3

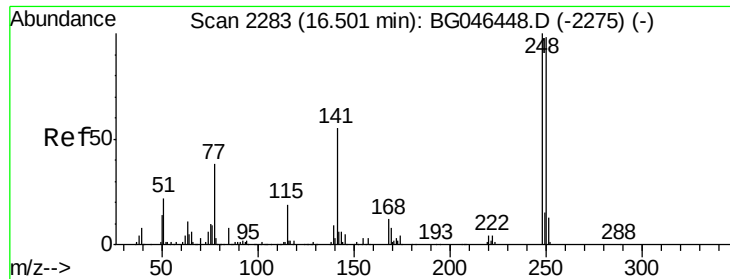


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

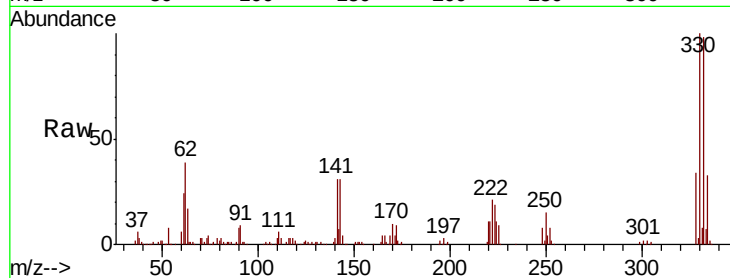




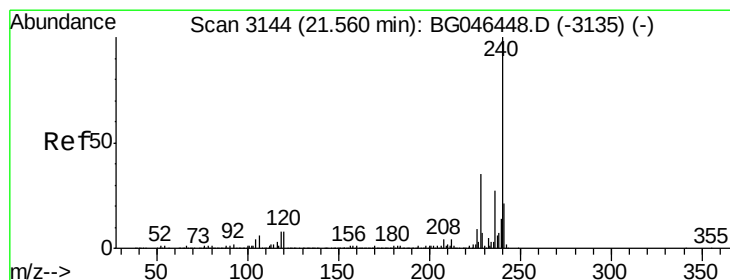
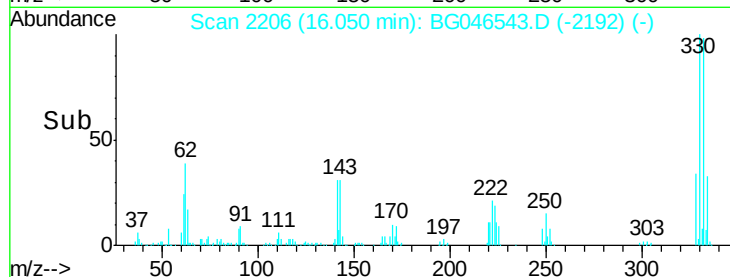
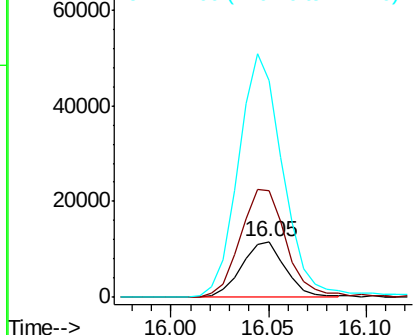
#67
4-Bromophenyl-phenylether
Concen: 2.942 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046543.D
Acq: 4 Sep 2020 16:38

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-2

Tot Ion:248 Resp: 18101
Ion Ratio Lower Upper
248 100
250 191.7 78.6 118.0#
141 389.3 43.9 65.9#

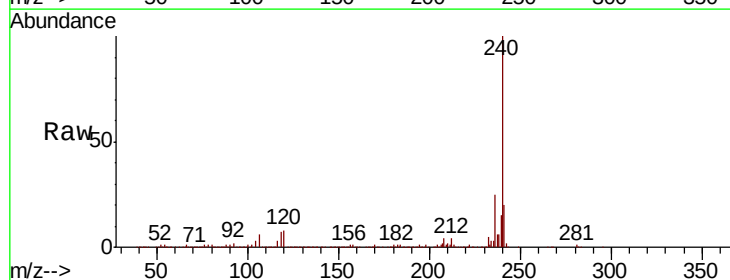


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

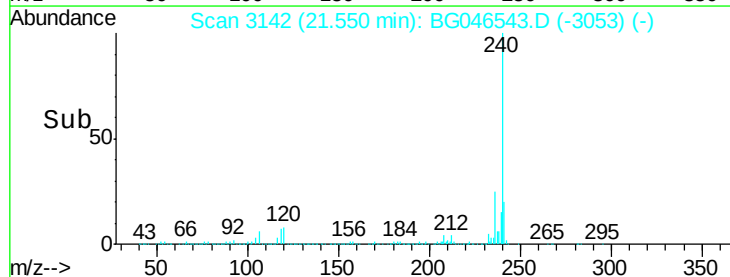
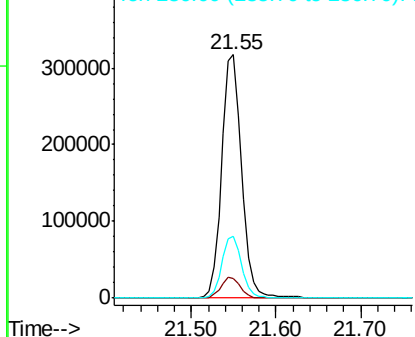


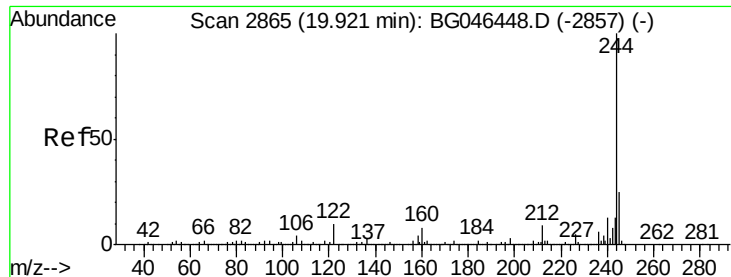
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046543.D
Acq: 4 Sep 2020 16:38

Tgt Ion:240 Resp: 521267
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 25.4 21.4 32.2



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: 56.964 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046543.D

Acq: 4 Sep 2020 16:38

Instrument :

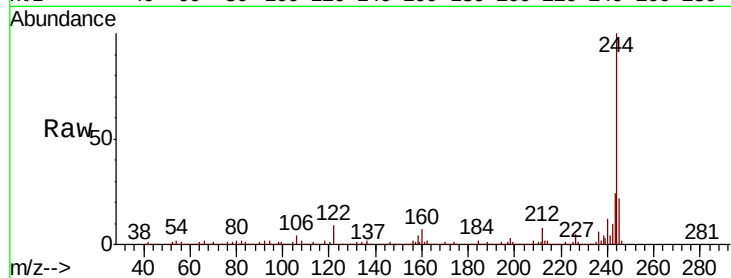
BNA_G

ClientSampleId :

AL-FALAH-2

Tot Ion:244 Resp: 1395258

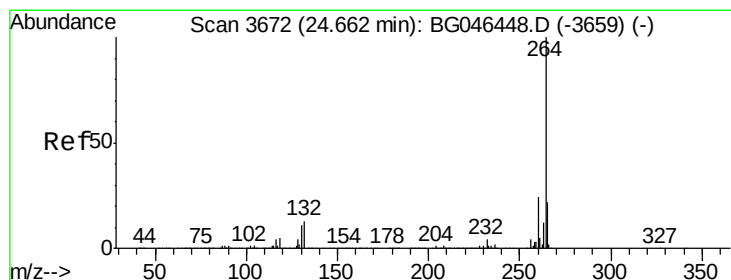
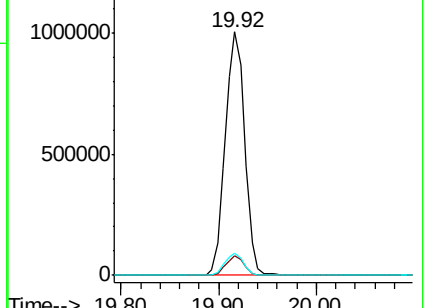
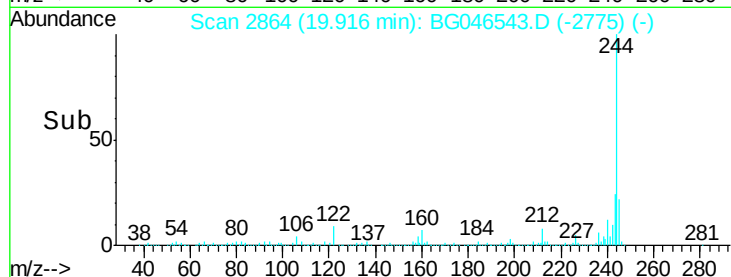
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	9.4	8.2	12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

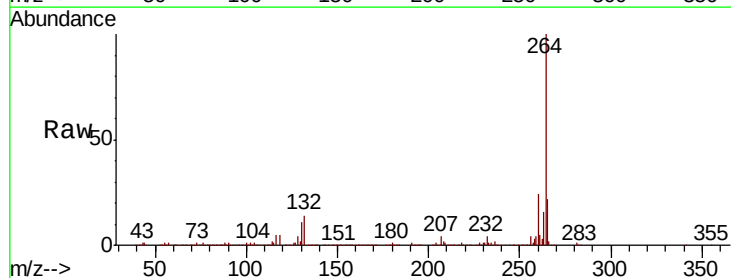
Delta R.T. -0.01 min

Lab File: BG046543.D

Acq: 4 Sep 2020 16:38

Tgt Ion:264 Resp: 508132

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	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

