

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046539.D
 Acq On : 4 Sep 2020 13:55
 Operator : CG/JU
 Sample : L3894-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5

Quant Time: Sep 04 14:30:52 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

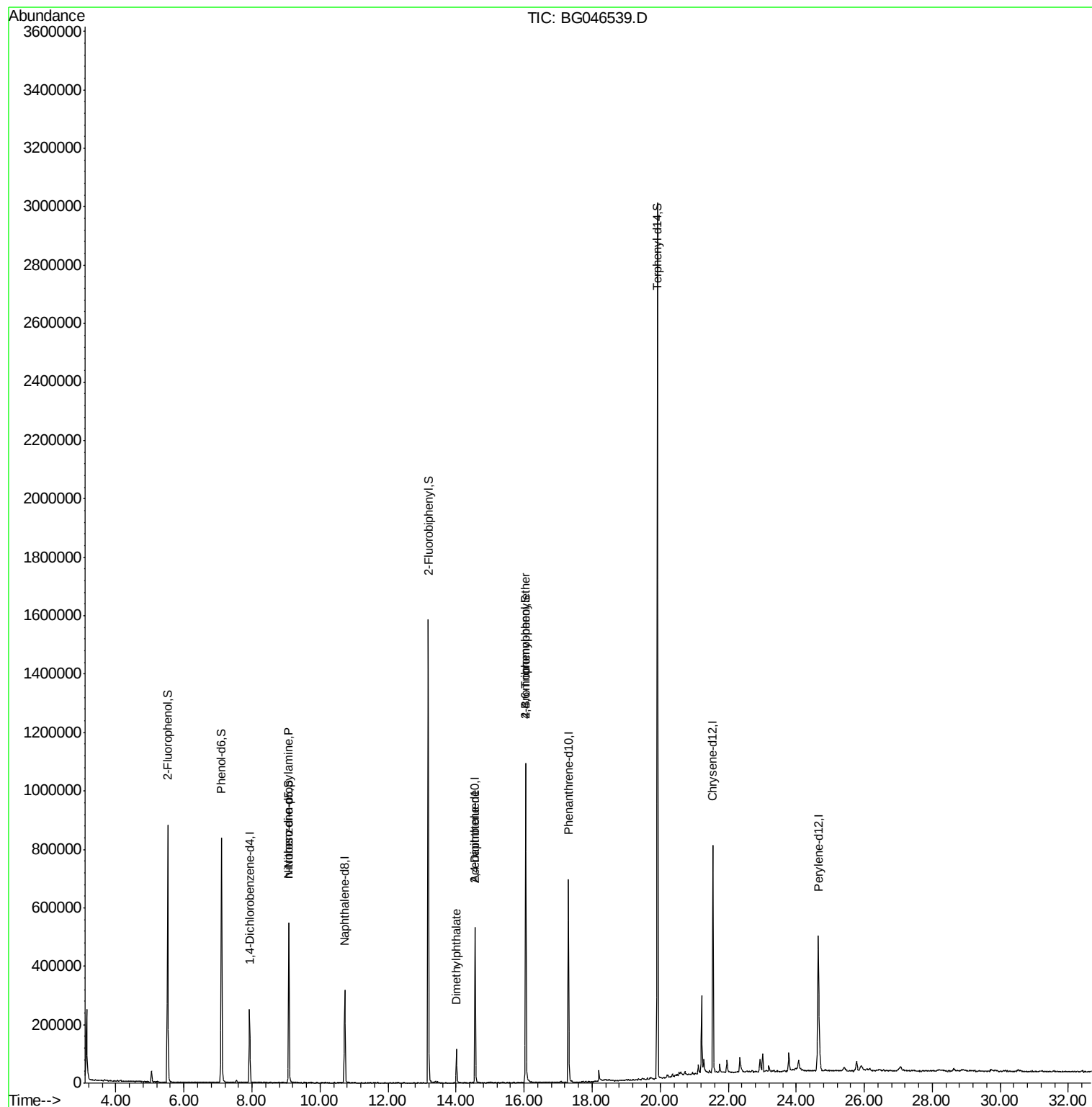
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	76780	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	294522	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	195469	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	463512	20.00	ng	0.00
76) Chrysene-d12	21.55	240	507772	20.00	ng	0.00
86) Perylene-d12	24.64	264	494295	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	422404	97.44	ng	0.00
7) Phenol-d6	7.10	99	537235	87.42	ng	0.00
23) Nitrobenzene-d5	9.08	82	354460	68.79	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	238614	90.10	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	890834	69.57	ng	0.00
79) Terphenyl-d14	19.92	244	1407634	59.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	45794	12.458	ng	Qvalue # 76
50) Dimethylphthalate	14.01	163	93220	6.164	ng	# 99
57) 2,4-Dinitrotoluene	14.56	165	25929	5.455	ng	# 34
67) 4-Bromophenyl-phenylether	16.04	248	17992	3.327	ng	# 1

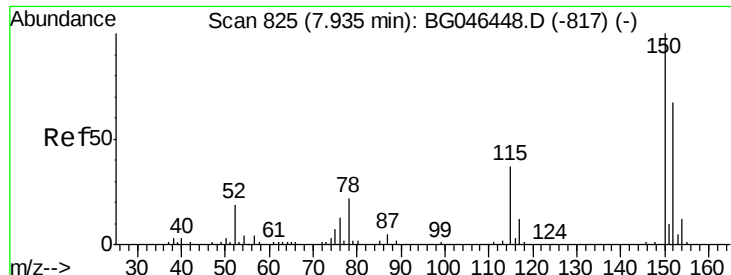
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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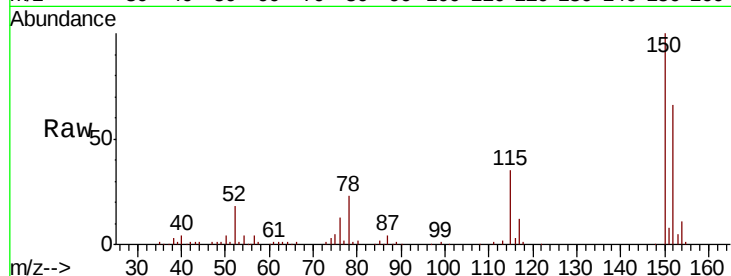


#1

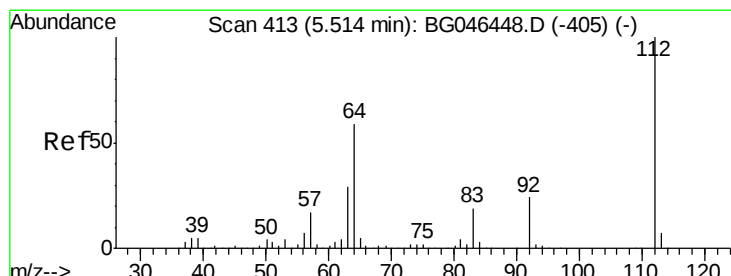
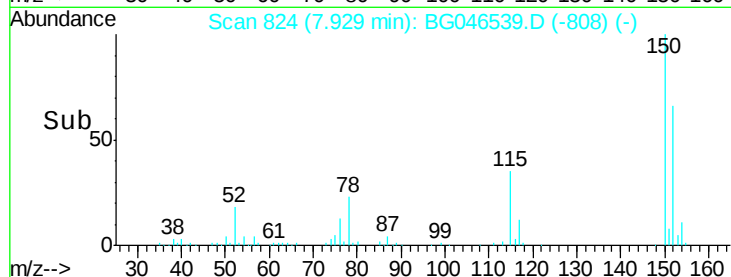
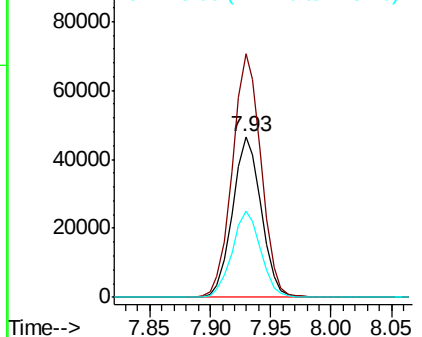
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046539.D
 Acq: 4 Sep 2020 13:55

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5

Tot Ion:152 Resp: 76780
 Ion Ratio Lower Upper
 152 100
 150 151.4 119.5 179.3
 115 53.3 44.3 66.5



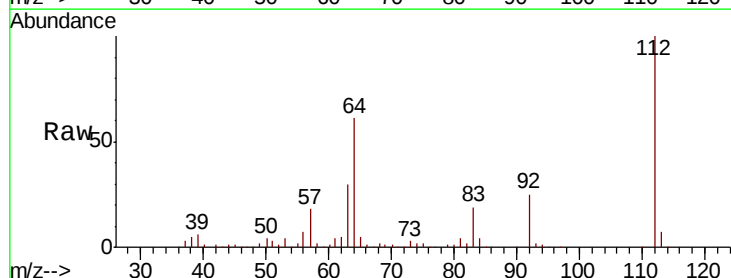
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



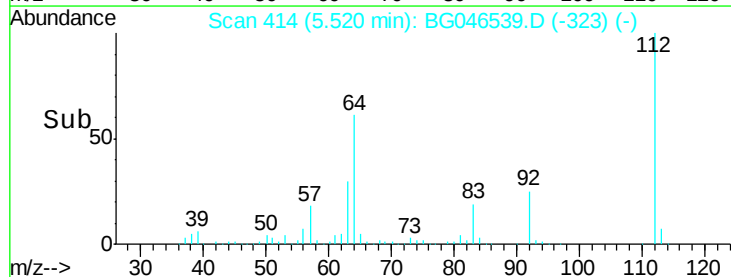
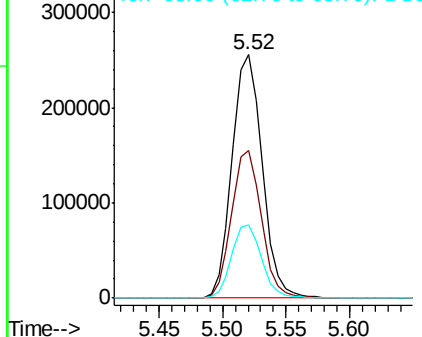
#5

2-Fluorophenol
 Concen: 97.442 ng
 RT: 5.52 min Scan# 414
 Delta R.T. 0.01 min
 Lab File: BG046539.D
 Acq: 4 Sep 2020 13:55

Tgt Ion:112 Resp: 422404
 Ion Ratio Lower Upper
 112 100
 64 60.8 47.0 70.6
 63 30.1 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: 87.423 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046539.D

Acq: 4 Sep 2020 13:55

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5

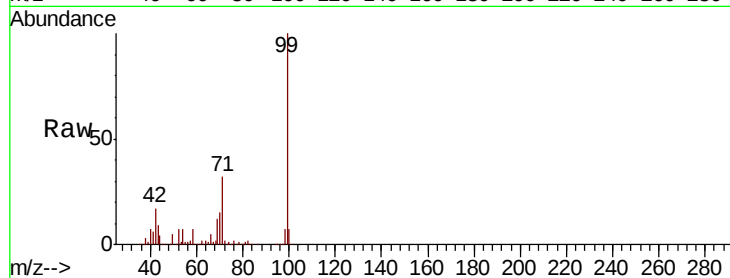
Tot Ion: 99 Resp: 537235

Ion Ratio Lower Upper

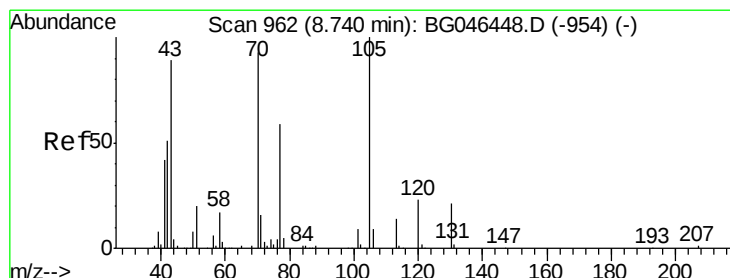
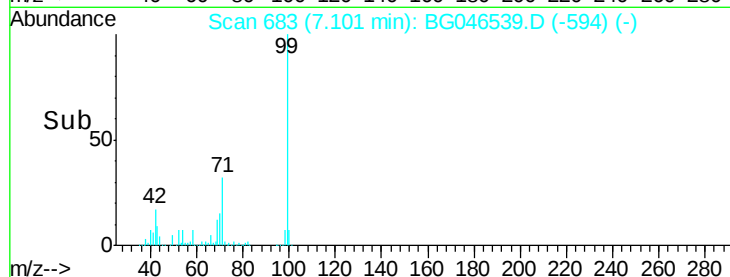
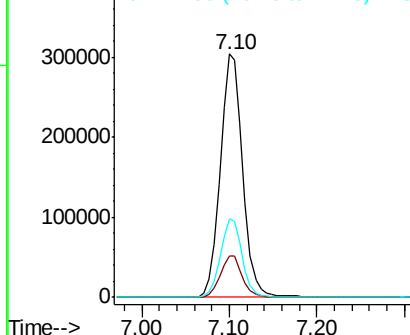
99 100

42 17.0 13.3 19.9

71 32.4 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: 12.458 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046539.D

Acq: 4 Sep 2020 13:55

Tgt Ion: 70 Resp: 45794

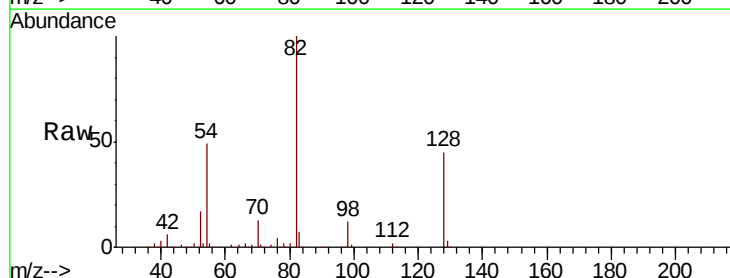
Ion Ratio Lower Upper

70 100

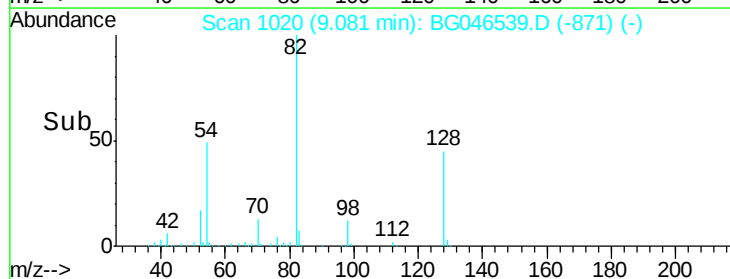
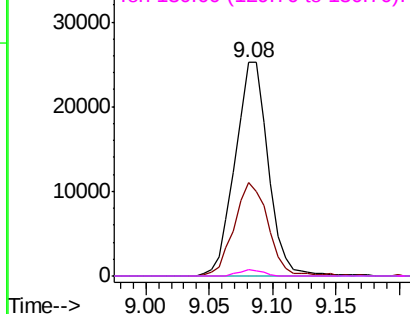
42 43.6 44.2 66.2#

101 0.0 7.8 11.8#

130 3.2 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

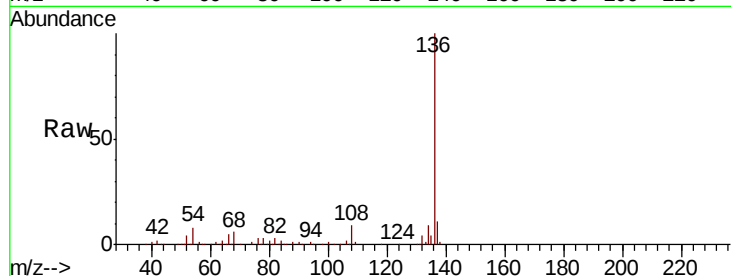




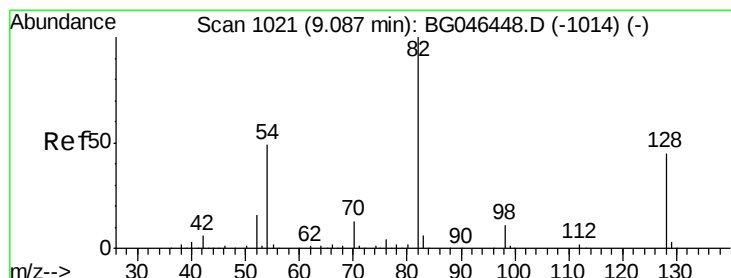
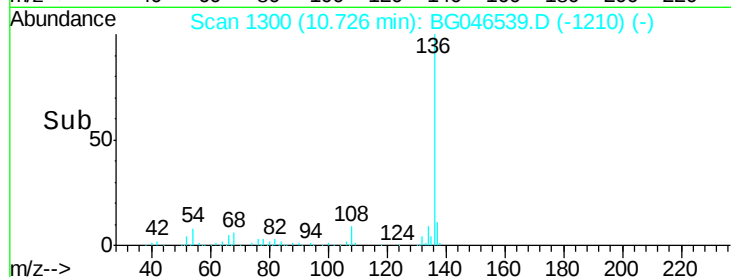
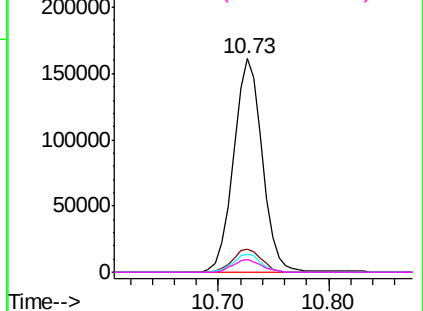
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046539.D
Acq: 4 Sep 2020 13:55

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5

Tot Ion:136	Resp:	294522
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 8.5	6.1	9.1
68 5.9	4.8	7.2

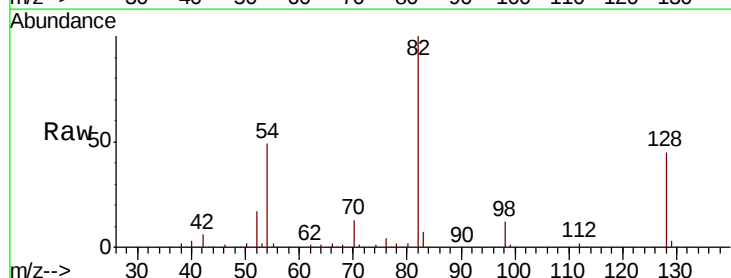


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
200000
Ion 54.00 (53.70 to 54.70): BGC
150000
Ion 68.00 (67.70 to 68.70): BGC
100000
50000
0

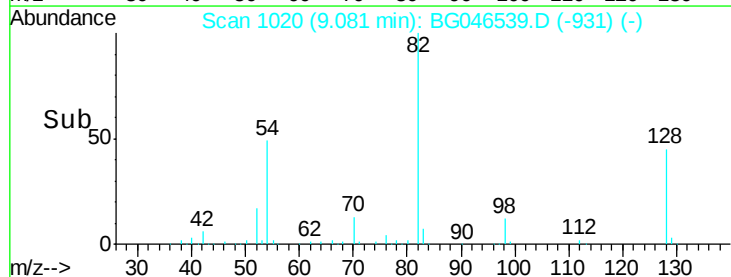
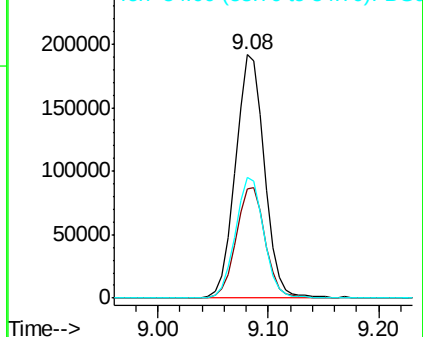


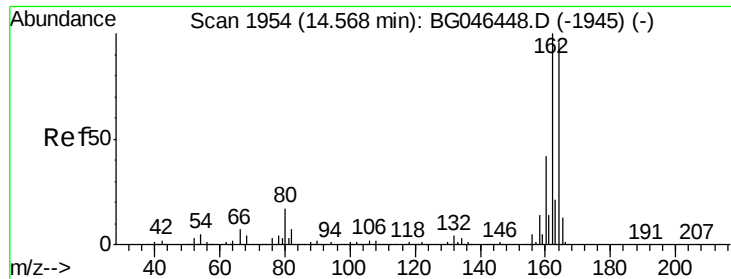
#23
Nitrobenzene-d5
Concen: 68.787 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046539.D
Acq: 4 Sep 2020 13:55

Tgt Ion: 82	Resp: 354460
Ion Ratio	Lower Upper
82 100	
128 44.8	35.7 53.5
54 49.5	39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
Ion 128.00 (127.70 to 128.70): E
200000
Ion 54.00 (53.70 to 54.70): BGC
150000
100000
50000
0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046539.D

Acq: 4 Sep 2020 13:55

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5

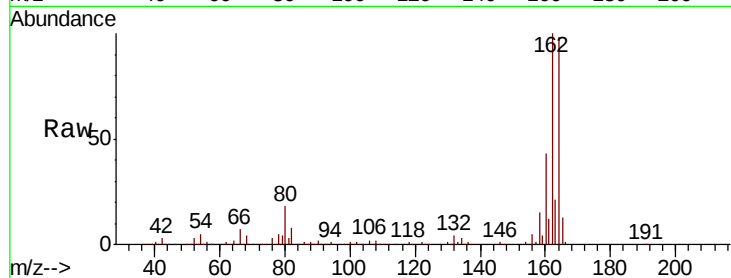
Tot Ion:164 Resp: 195469

Ion Ratio Lower Upper

164 100

162 102.2 83.3 124.9

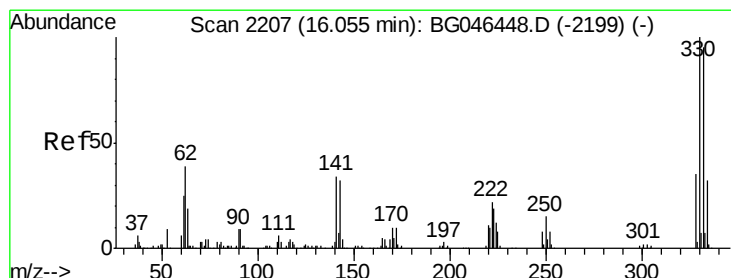
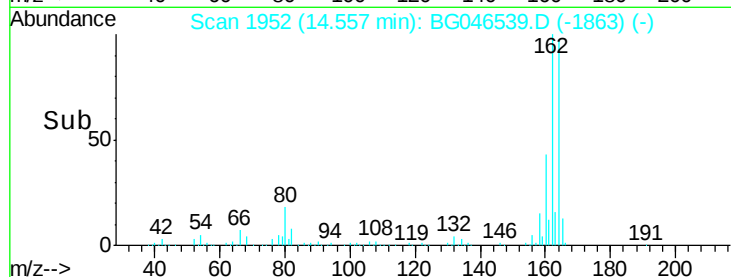
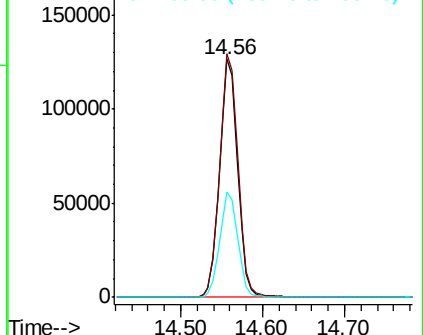
160 44.1 35.0 52.6



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: 90.095 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046539.D

Acq: 4 Sep 2020 13:55

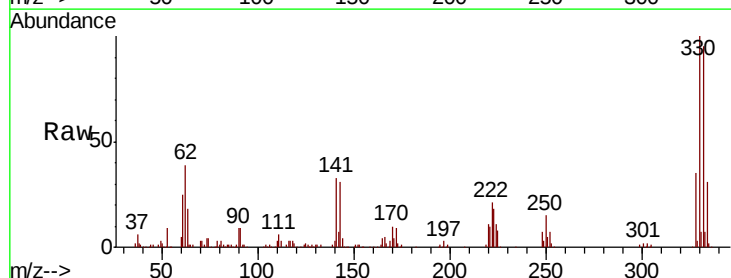
Tgt Ion:330 Resp: 238614

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

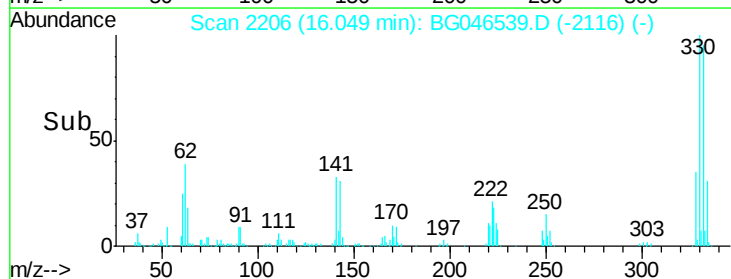
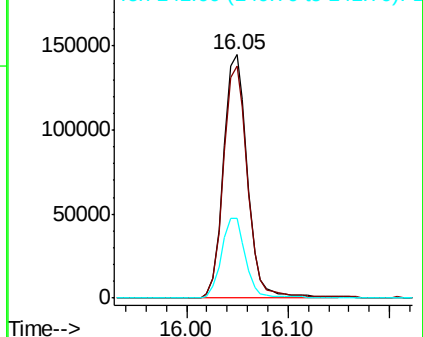
141 33.1 26.1 39.1

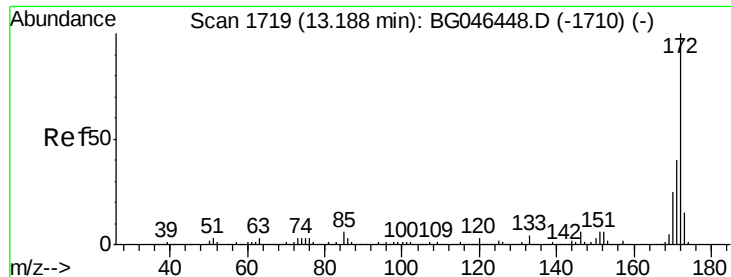


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

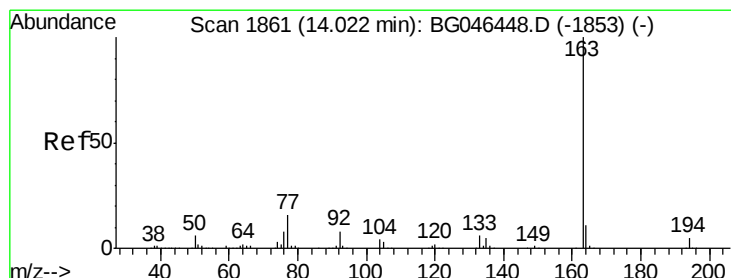
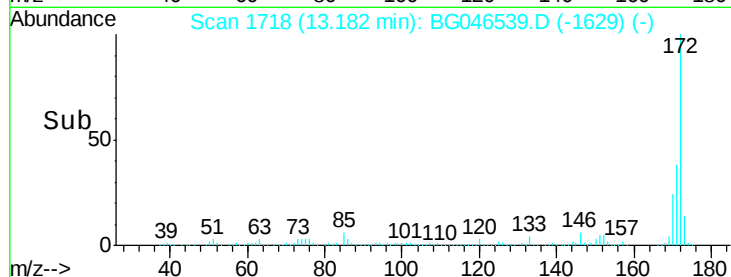
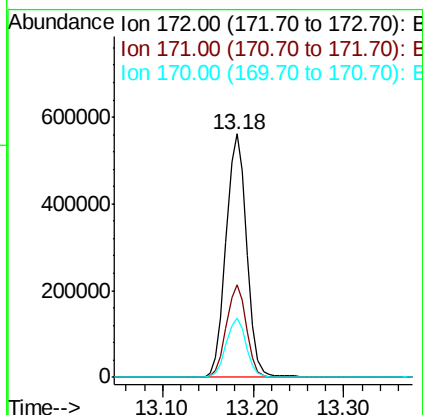
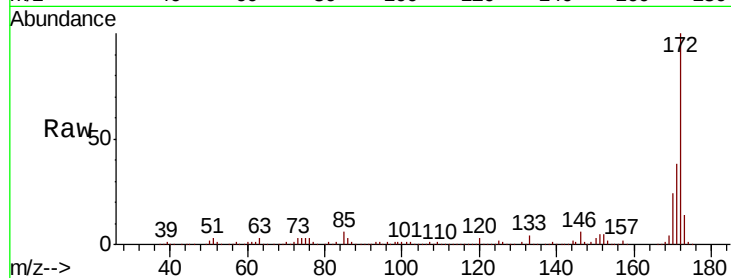




#45
2-Fluorobiphenyl
Concen: 69.572 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046539.D
Acq: 4 Sep 2020 13:55

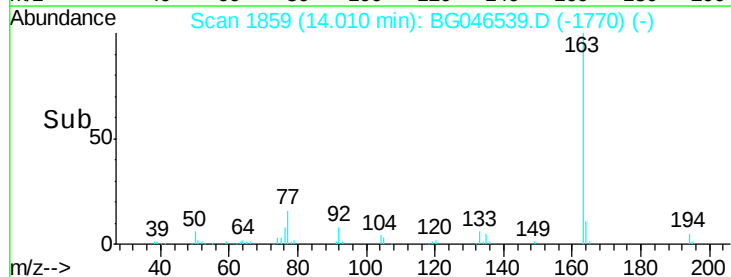
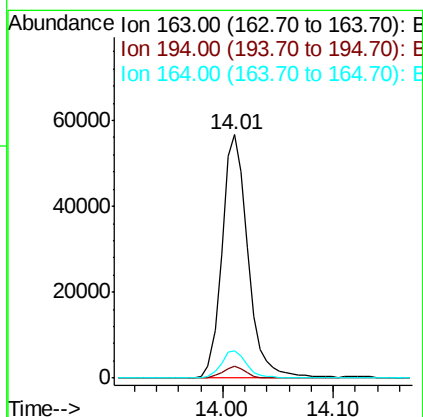
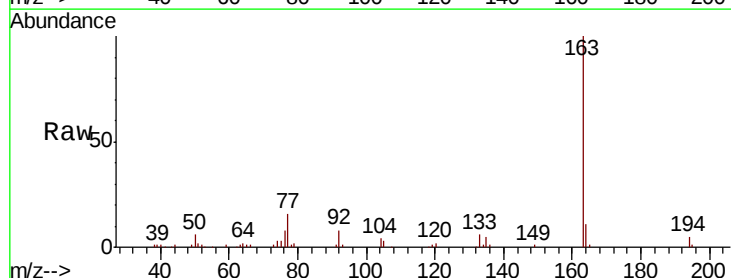
Instrument :
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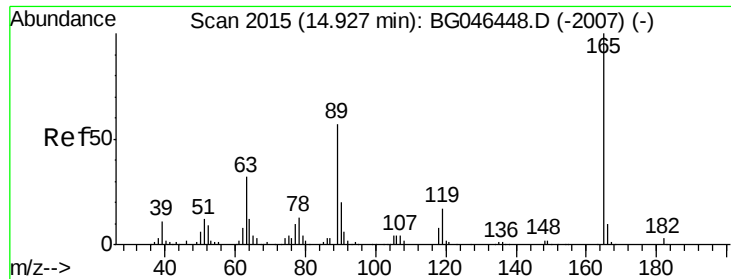
Tot Ion:172 Resp: 890834
Ion Ratio Lower Upper
172 100
171 37.8 31.8 47.6
170 24.4 20.3 30.5



#50
Dimethylphthalate
Concen: 6.164 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046539.D
Acq: 4 Sep 2020 13:55

Tgt Ion:163 Resp: 93220
Ion Ratio Lower Upper
163 100
194 4.7 3.7 5.5
164 11.1 8.6 12.8

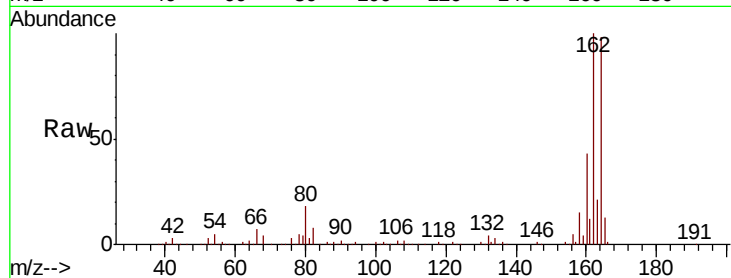




#57
 2,4-Dinitrotoluene
 Concen: 5.455 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046539.D
 Acq: 4 Sep 2020 13:55

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.5	45.9	68.9#
182	0.0	2.3	3.5#



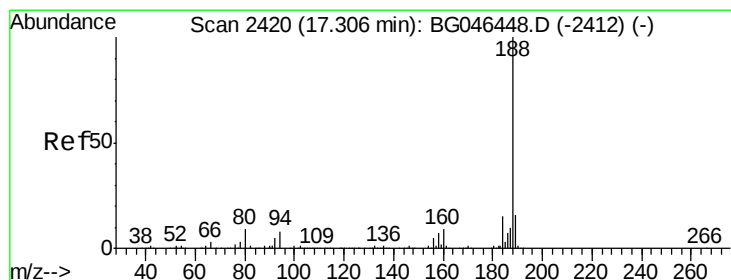
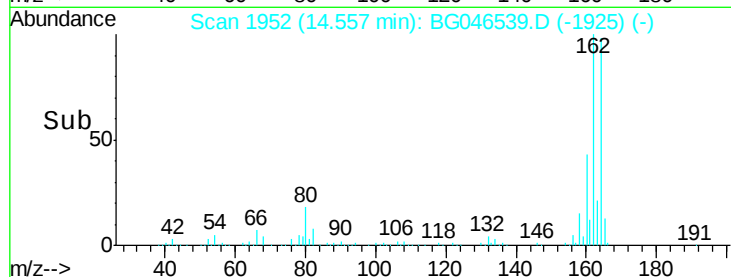
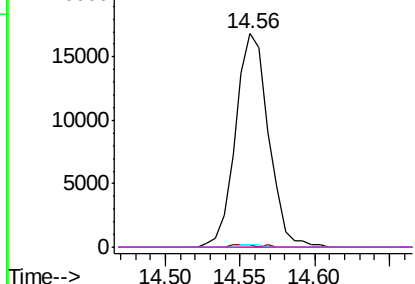
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

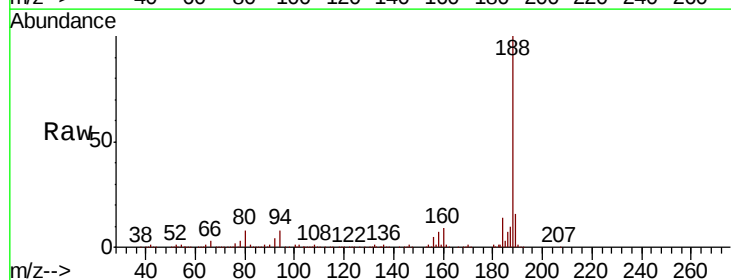
Ion 89.00 (88.70 to 89.70): BGC

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: BG046539.D
 Acq: 4 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.4	6.9	10.3

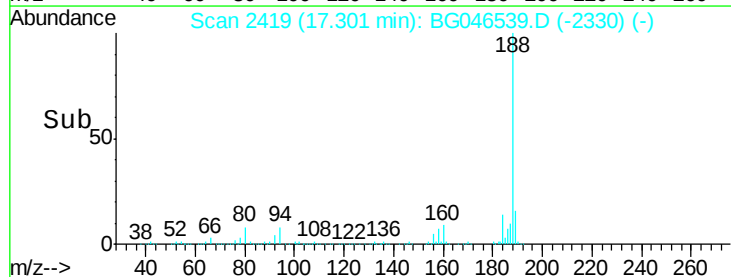
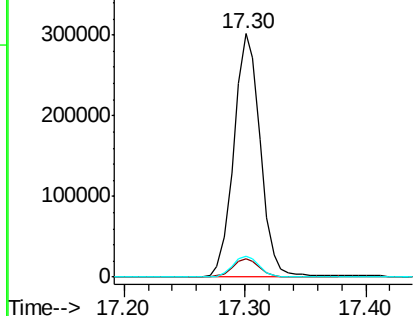


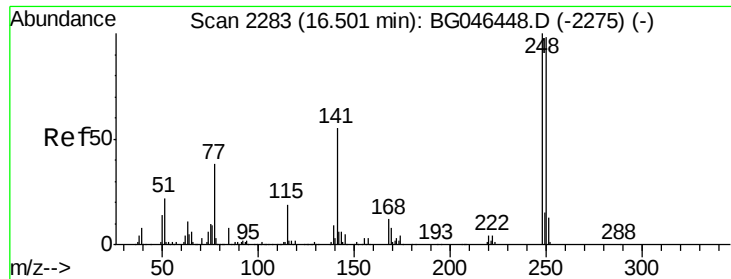
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 3.327 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.45 min

Lab File: BG046539.D

Acq: 4 Sep 2020 13:55

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5

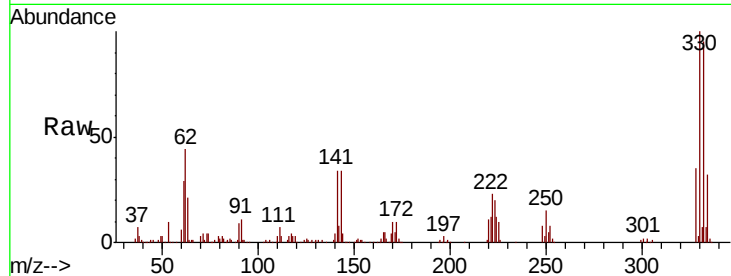
Tot Ion:248 Resp: 17992

Ion Ratio Lower Upper

248 100

250 189.7 78.6 118.0#

141 422.8 43.9 65.9#

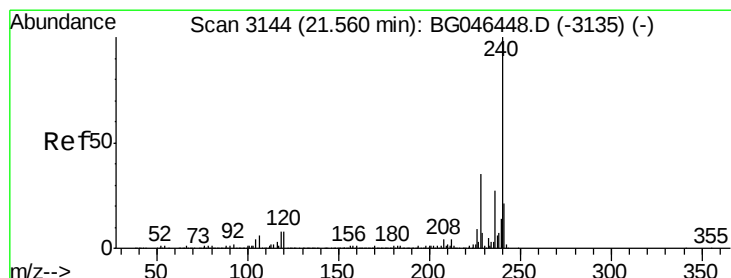
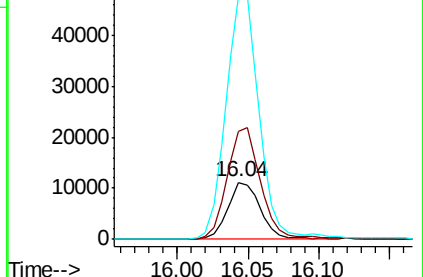
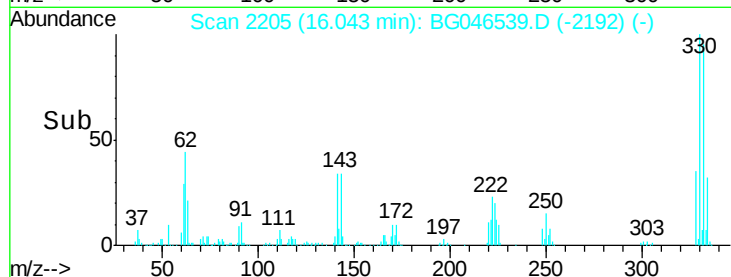


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046539.D

Acq: 4 Sep 2020 13:55

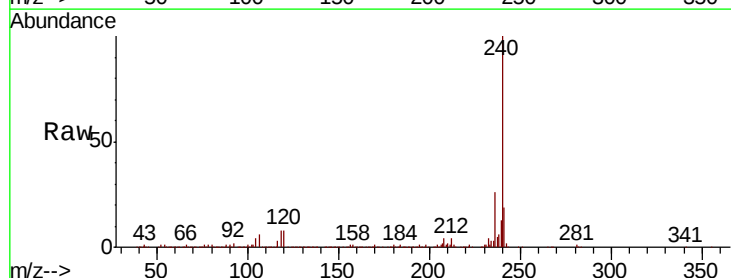
Tgt Ion:240 Resp: 507772

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

236 25.7 21.4 32.2

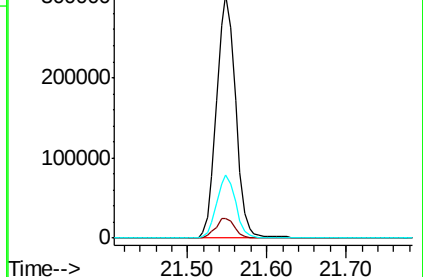
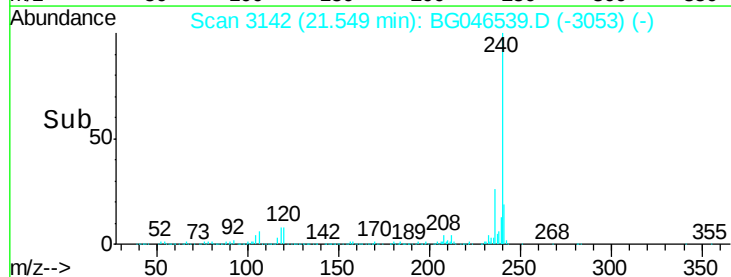


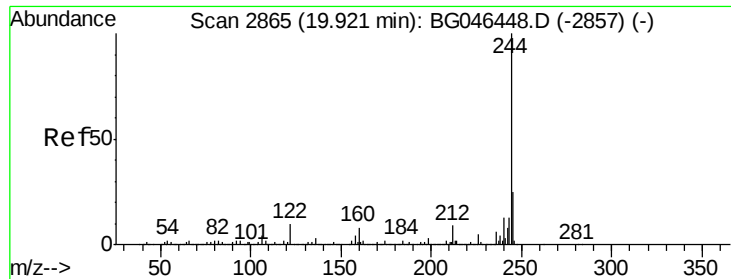
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#79

Terphenyl-d14

Concen: 58.997 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046539.D

Acq: 4 Sep 2020 13:55

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5

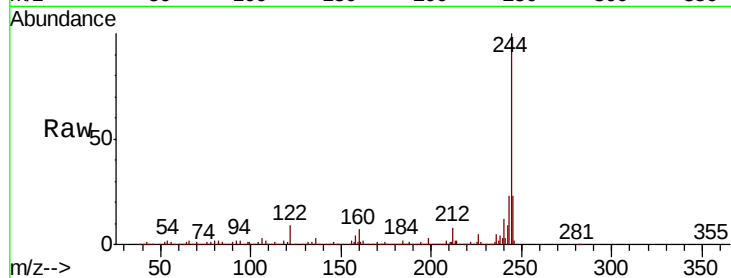
Tot Ion:244 Resp: 1407634

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

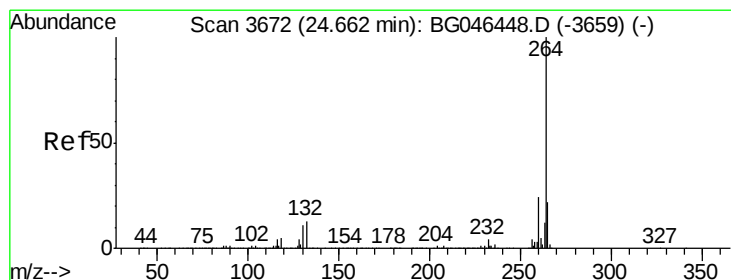
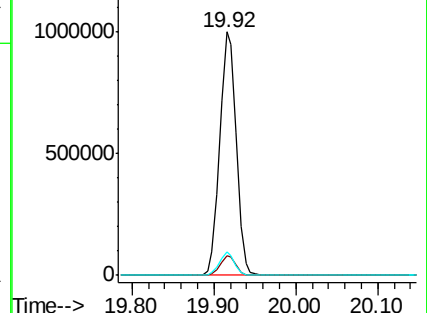
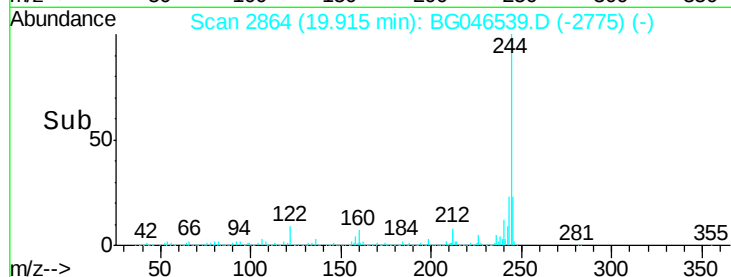
122 9.5 8.2 12.4



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: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046539.D

Acq: 4 Sep 2020 13:55

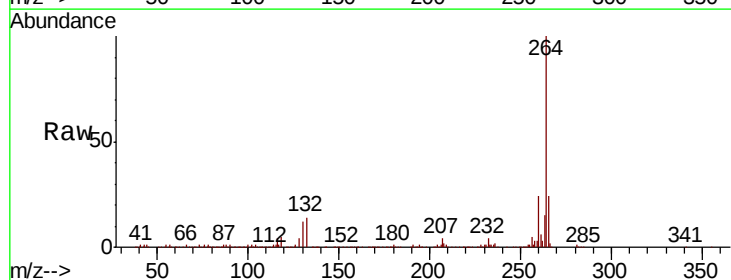
Tgt Ion:264 Resp: 494295

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 23.6 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

