

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046544.D
 Acq On : 4 Sep 2020 17:18
 Operator : CG/JU
 Sample : L3894-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-3

Quant Time: Sep 04 18:19:37 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

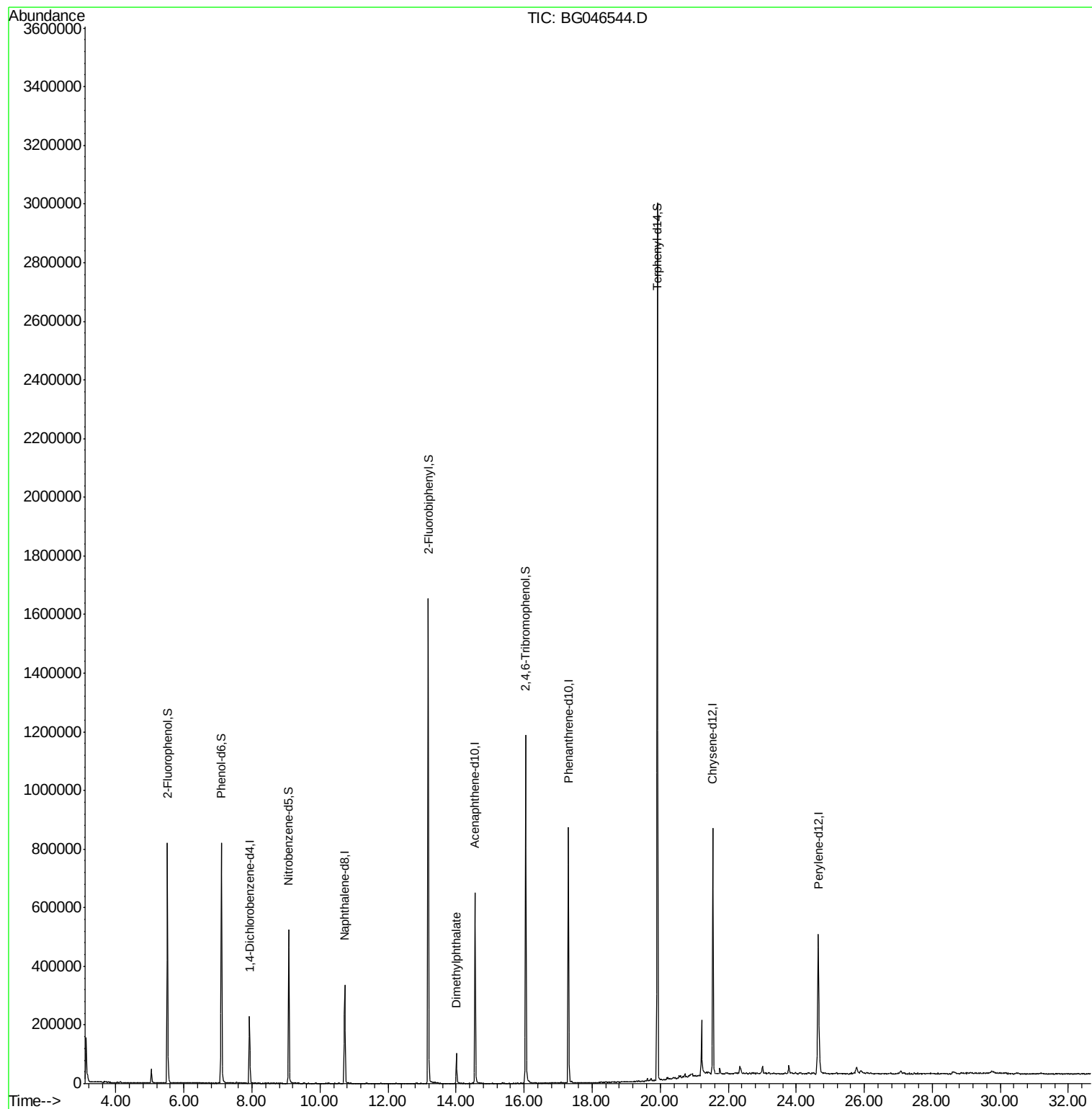
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73100	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	312352	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	231931	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	569691	20.00	ng	0.00
76) Chrysene-d12	21.55	240	513254	20.00	ng	0.00
86) Perylene-d12	24.65	264	503072	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	385795	93.48	ng	0.00
7) Phenol-d6	7.10	99	517165	88.39	ng	0.00
23) Nitrobenzene-d5	9.08	82	336676	61.61	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	256414	81.60	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	918742	60.47	ng	0.00
79) Terphenyl-d14	19.92	244	1318736	54.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	88045	4.907	ng	Qvalue 98

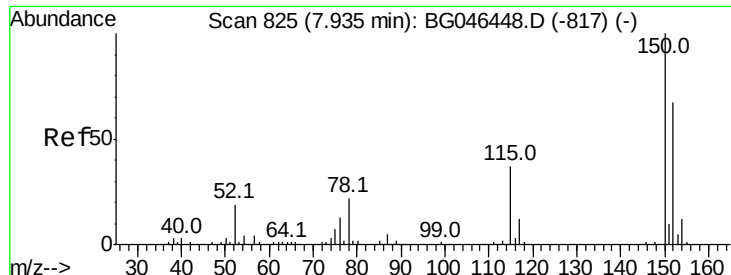
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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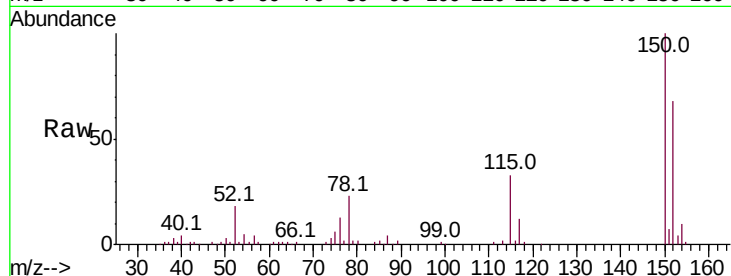


#1

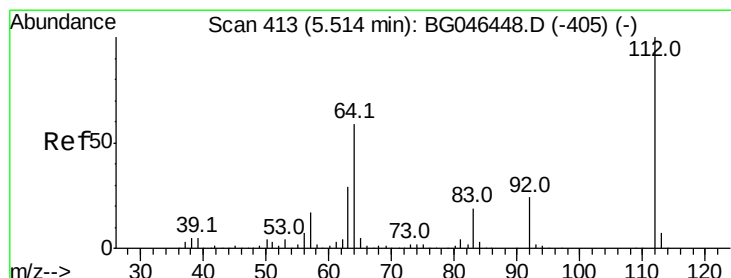
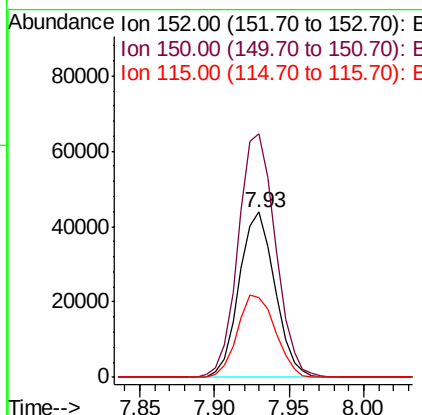
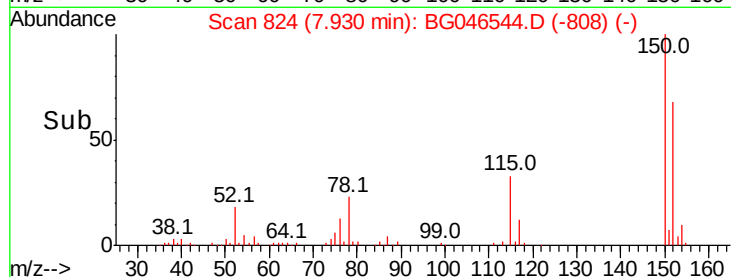
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046544.D
Acq: 4 Sep 2020 17:18

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-3

Tot Ion:152 Resp: 73100
Ion Ratio Lower Upper
152 100
150 147.3 119.5 179.3
115 48.6 44.3 66.5



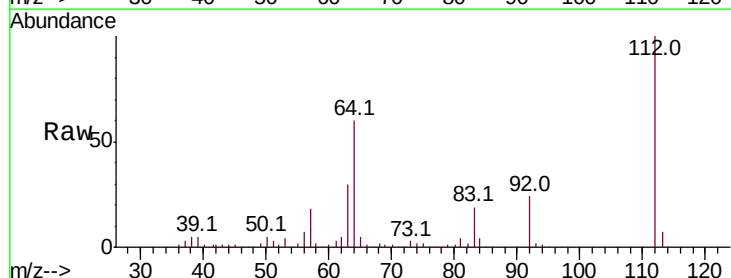
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



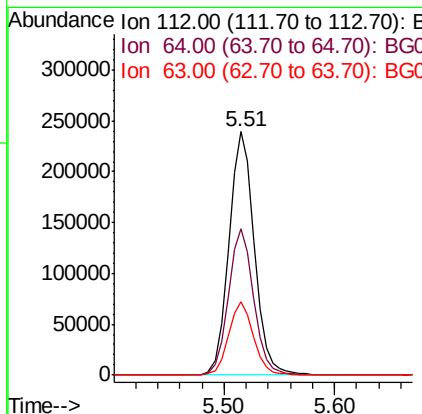
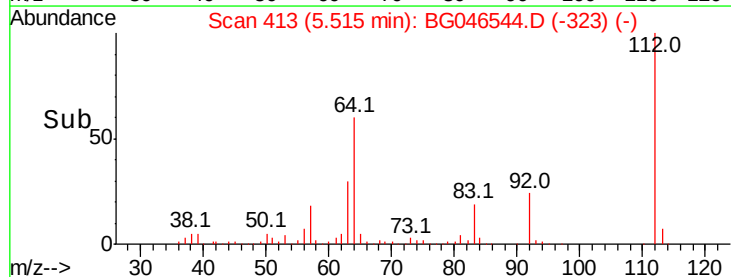
#5

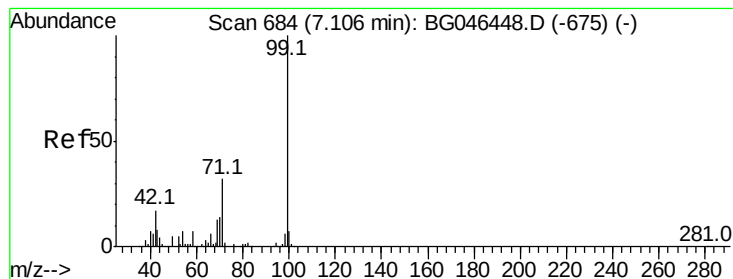
2-Fluorophenol
Concen: 93.477 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046544.D
Acq: 4 Sep 2020 17:18

Tgt Ion:112 Resp: 385795
Ion Ratio Lower Upper
112 100
64 59.9 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: 88.394 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046544.D

Acq: 4 Sep 2020 17:18

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-3

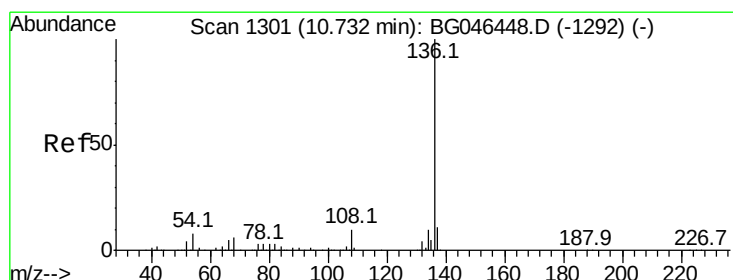
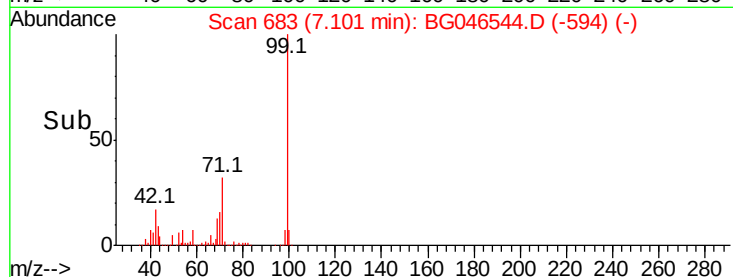
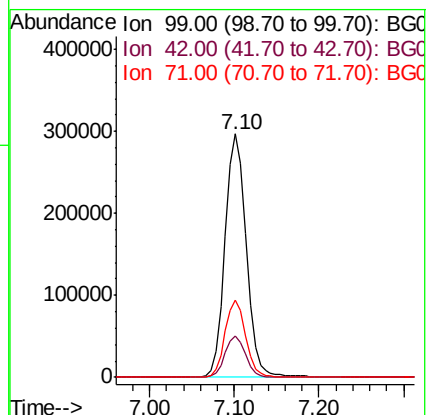
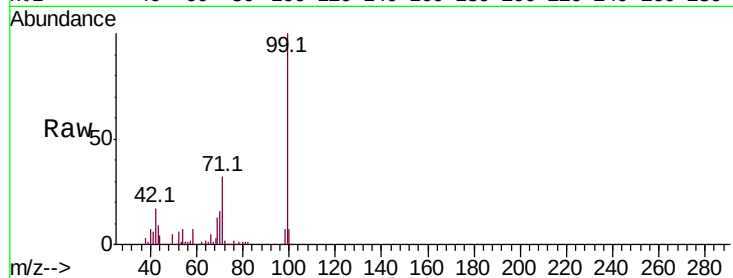
Tot Ion: 99 Resp: 517165

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

71 31.8 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046544.D

Acq: 4 Sep 2020 17:18

Tgt Ion: 136 Resp: 312352

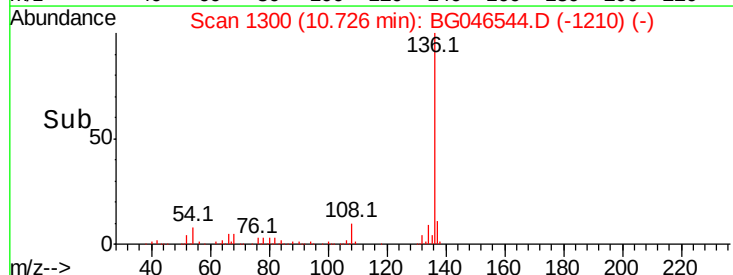
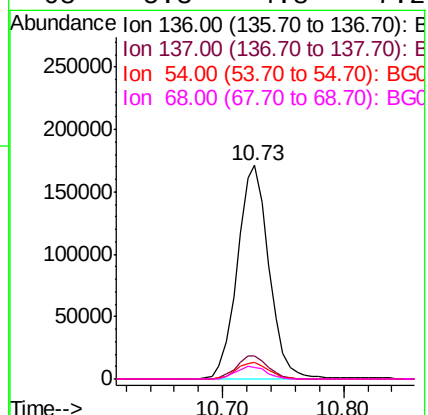
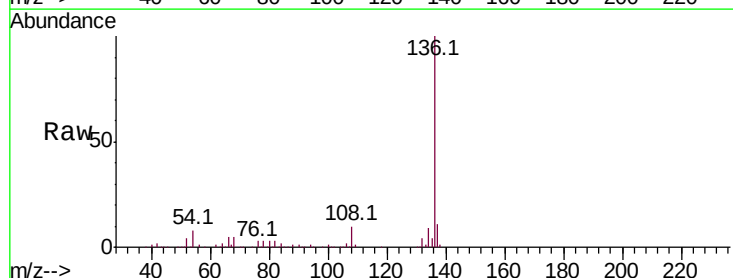
Ion Ratio Lower Upper

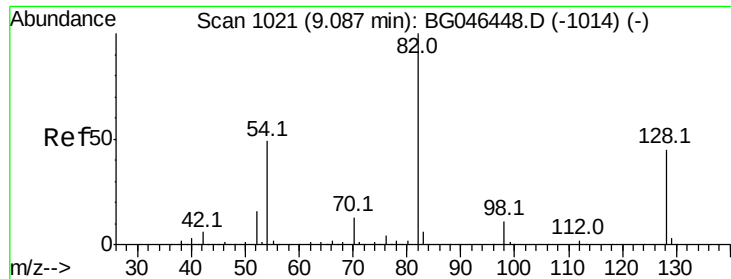
136 100

137 10.9 8.8 13.2

54 7.5 6.1 9.1

68 5.3 4.8 7.2

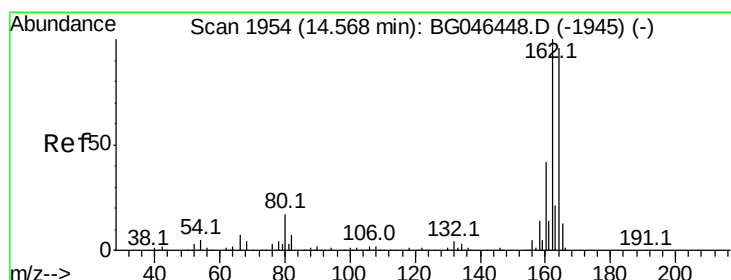
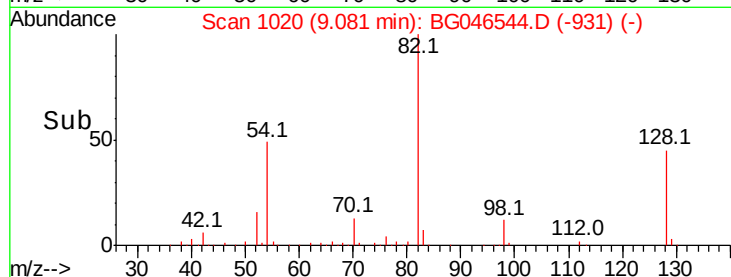
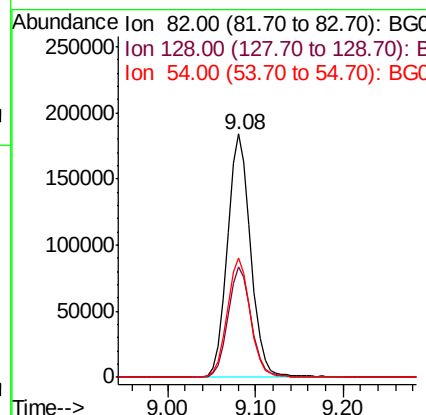
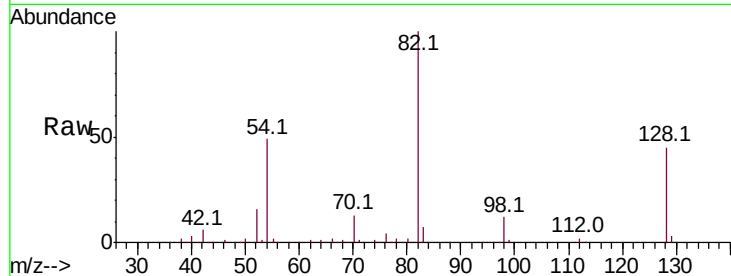




#23
Nitrobenzene-d5
Concen: 61.606 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046544.D
Acq: 4 Sep 2020 17:18

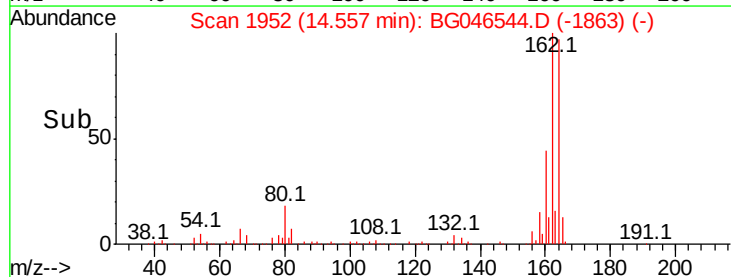
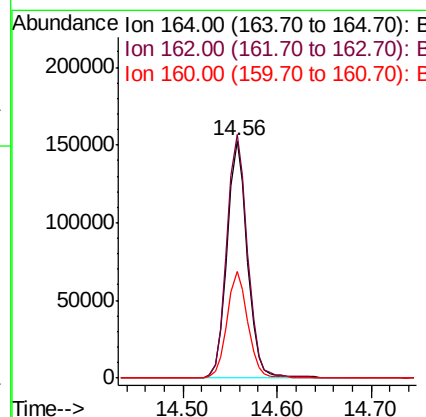
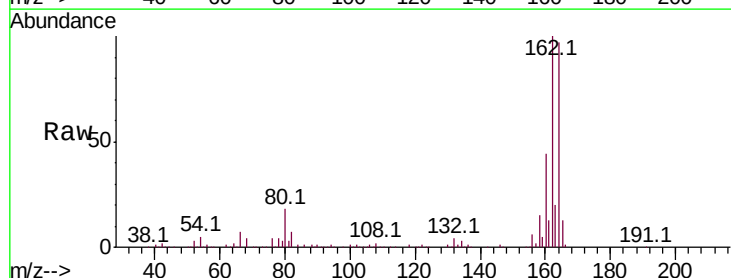
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-3

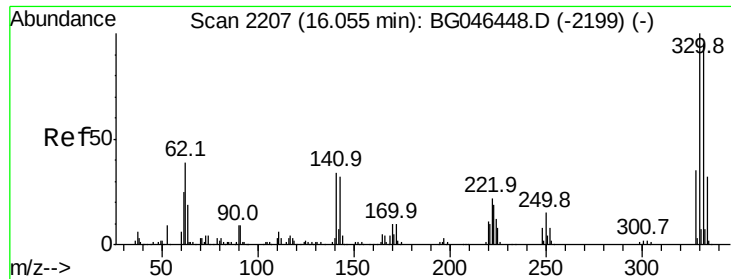
Tot Ion	82	Resp	336676
Ion Ratio	Lower	Upper	
82	100		
128	45.4	35.7	53.5
54	49.0	39.4	59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046544.D
Acq: 4 Sep 2020 17:18

Tgt Ion	164	Resp	231931
Ion Ratio	Lower	Upper	
164	100		
162	102.6	83.3	124.9
160	45.0	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 81.595 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046544.D

Acq: 4 Sep 2020 17:18

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-3

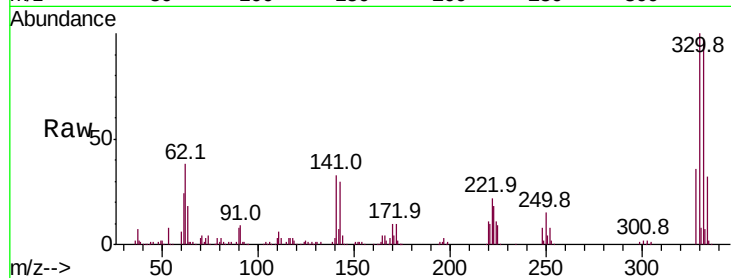
Tot Ion:330 Resp: 256414

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

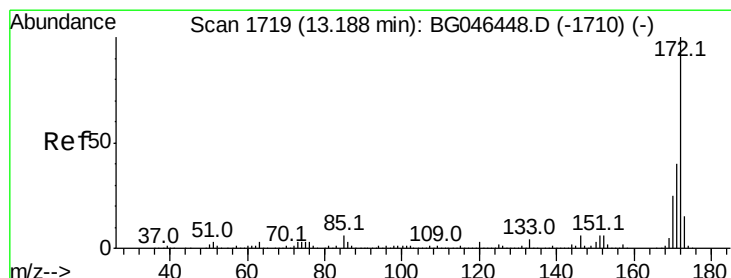
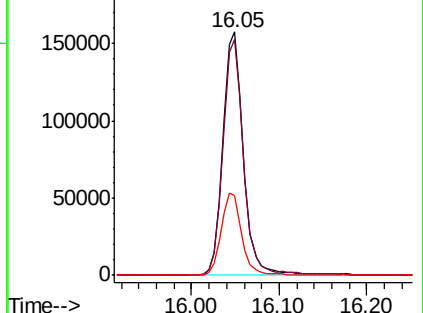
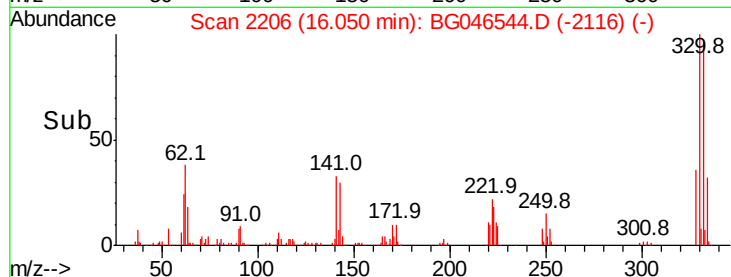
141 33.7 26.1 39.1



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: 60.471 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046544.D

Acq: 4 Sep 2020 17:18

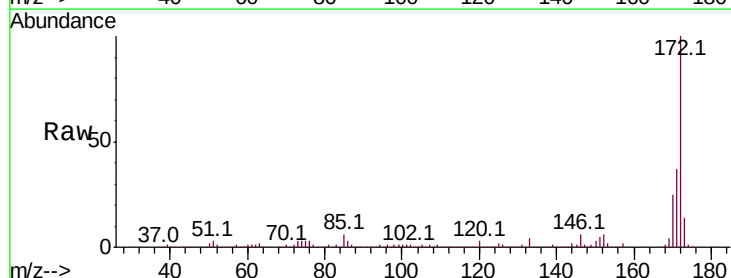
Tgt Ion:172 Resp: 918742

Ion Ratio Lower Upper

172 100

171 37.3 31.8 47.6

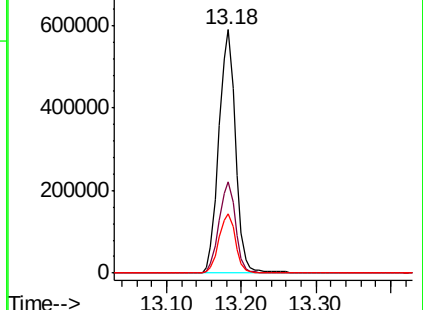
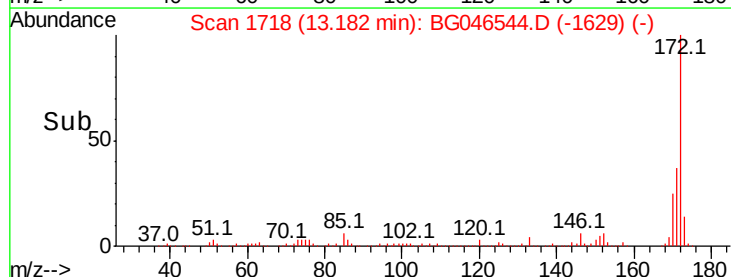
170 24.5 20.3 30.5

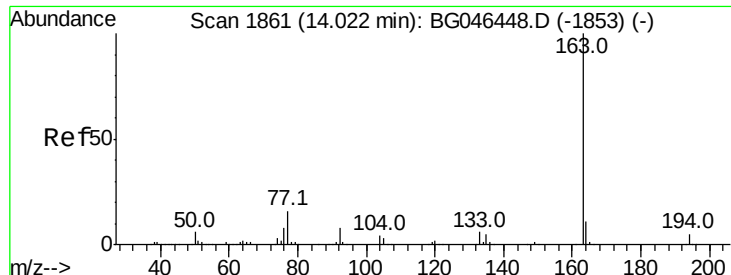


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.907 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046544.D

Acq: 4 Sep 2020 17:18

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-3

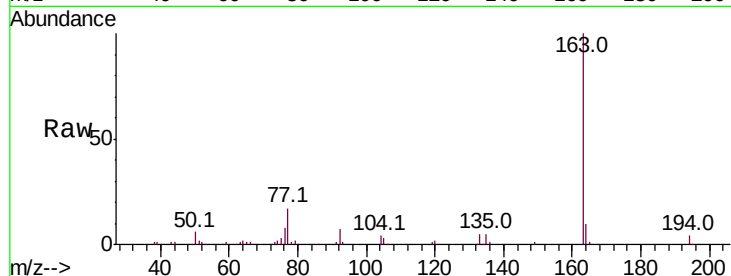
Tot Ion:163 Resp: 88045

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

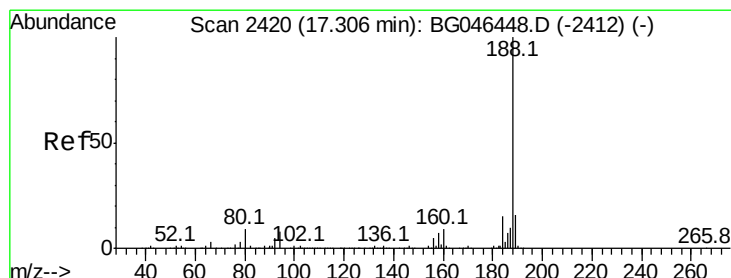
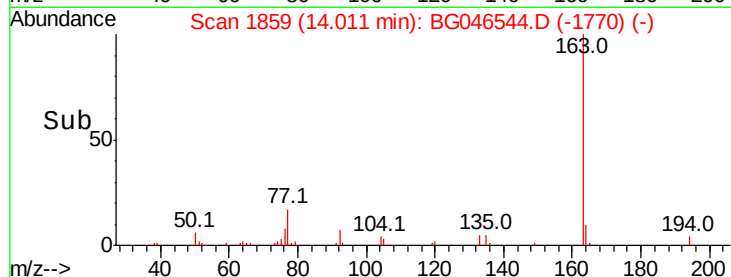
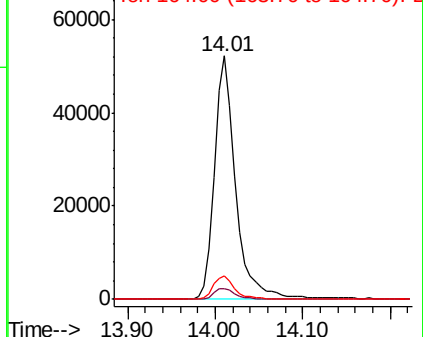
164 9.8 8.6 12.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046544.D

Acq: 4 Sep 2020 17:18

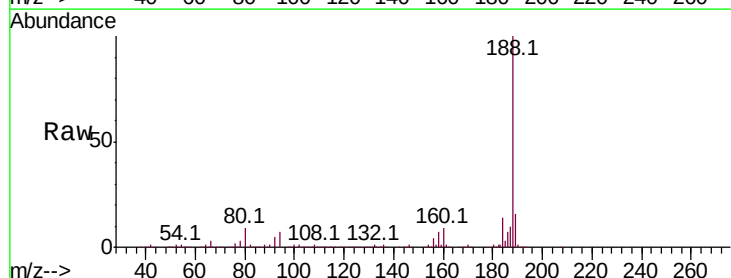
Tgt Ion:188 Resp: 569691

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

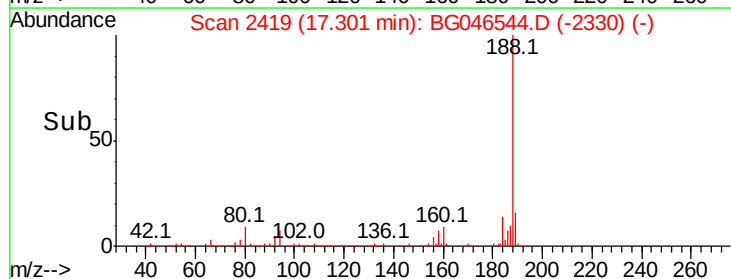
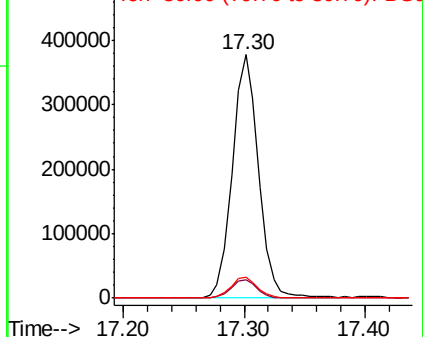
80 8.6 6.9 10.3

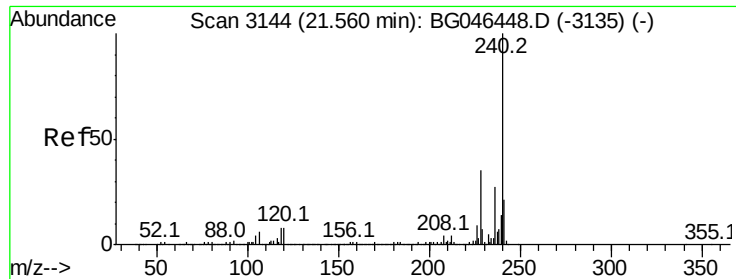


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046544.D

Acq: 4 Sep 2020 17:18

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-3

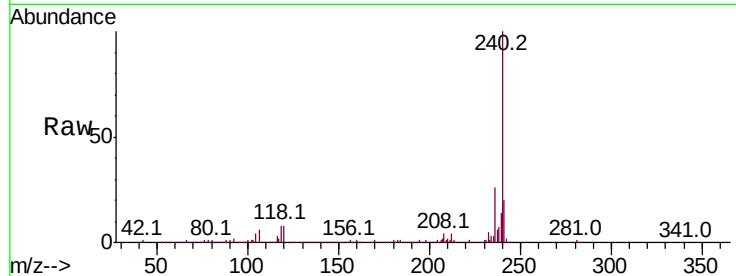
Tot Ion:240 Resp: 513254

Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

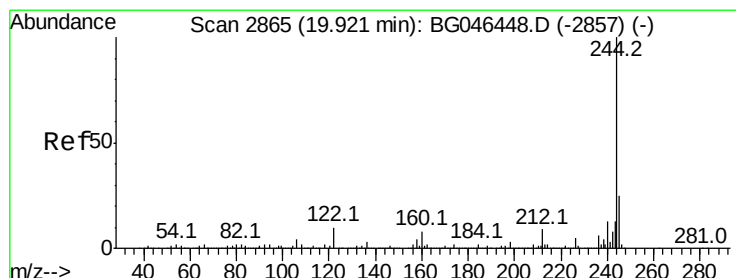
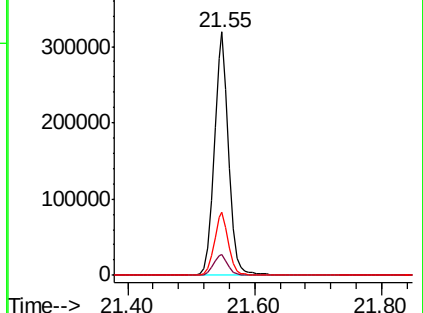
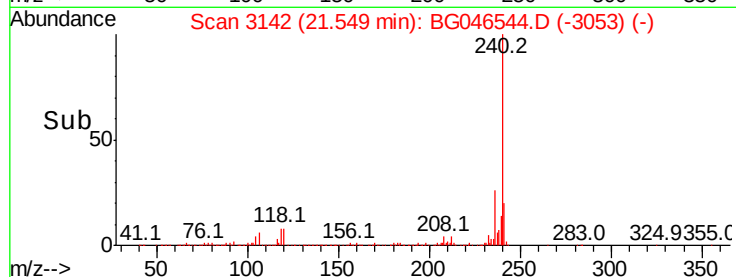
236 25.7 21.4 32.2



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



#79

Terphenyl-d14

Concen: 54.681 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046544.D

Acq: 4 Sep 2020 17:18

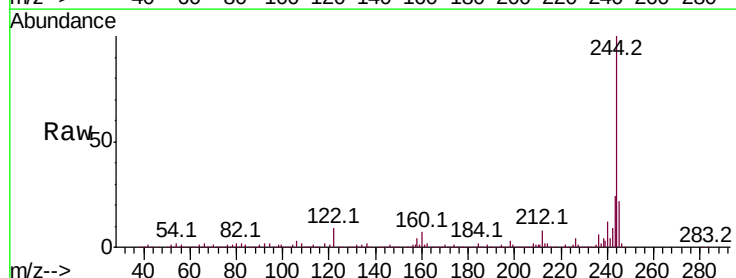
Tgt Ion:244 Resp: 1318736

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

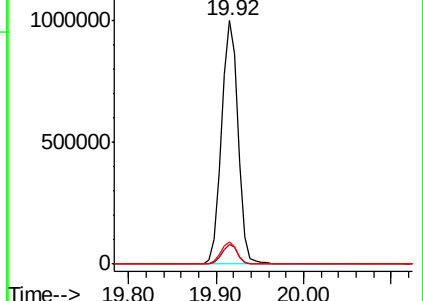
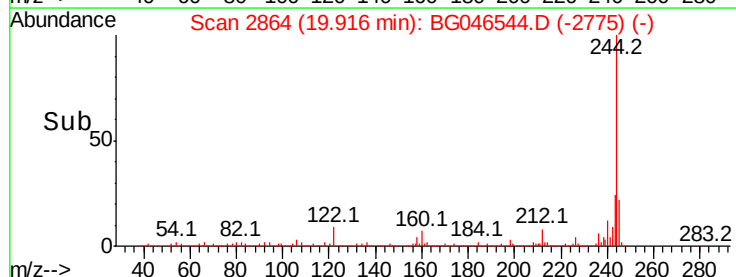
122 9.1 8.2 12.4

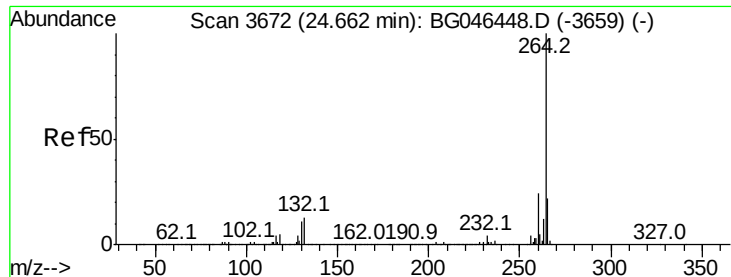


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BG046544.D
 Acq: 4 Sep 2020 17:18

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.9	26.9

