

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126110.D
 Acq On : 10 Nov 2021 16:35
 Operator : JU/CG
 Sample : M4562-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

11/11/2021
 Supervised By :mohammad
 ahmed

Quant Time: Nov 11 09:30:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	157602	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	532076	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	259796	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	409571	20.000	ng	0.00
76) Chrysene-d12	14.009	240	363751	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	299378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	923925	100.674	ng	0.01
7) Phenol-d6	6.481	99	1163929	89.968	ng	0.00
23) Nitrobenzene-d5	7.416	82	812629	72.027	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	277156	93.091	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1268571	65.986	ng	0.00
79) Terphenyl-d14	12.957	244	1065468	47.233	ng	0.00
Target Compounds						
75) Fluoranthene	12.580	202	73596	2.976	ng	Qvalue 96
78) Pyrene	12.810	202	62607	2.146	ng	97
88) Benzo(b)fluoranthene	15.051	252	50743m	2.606	ng	

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

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Misc :
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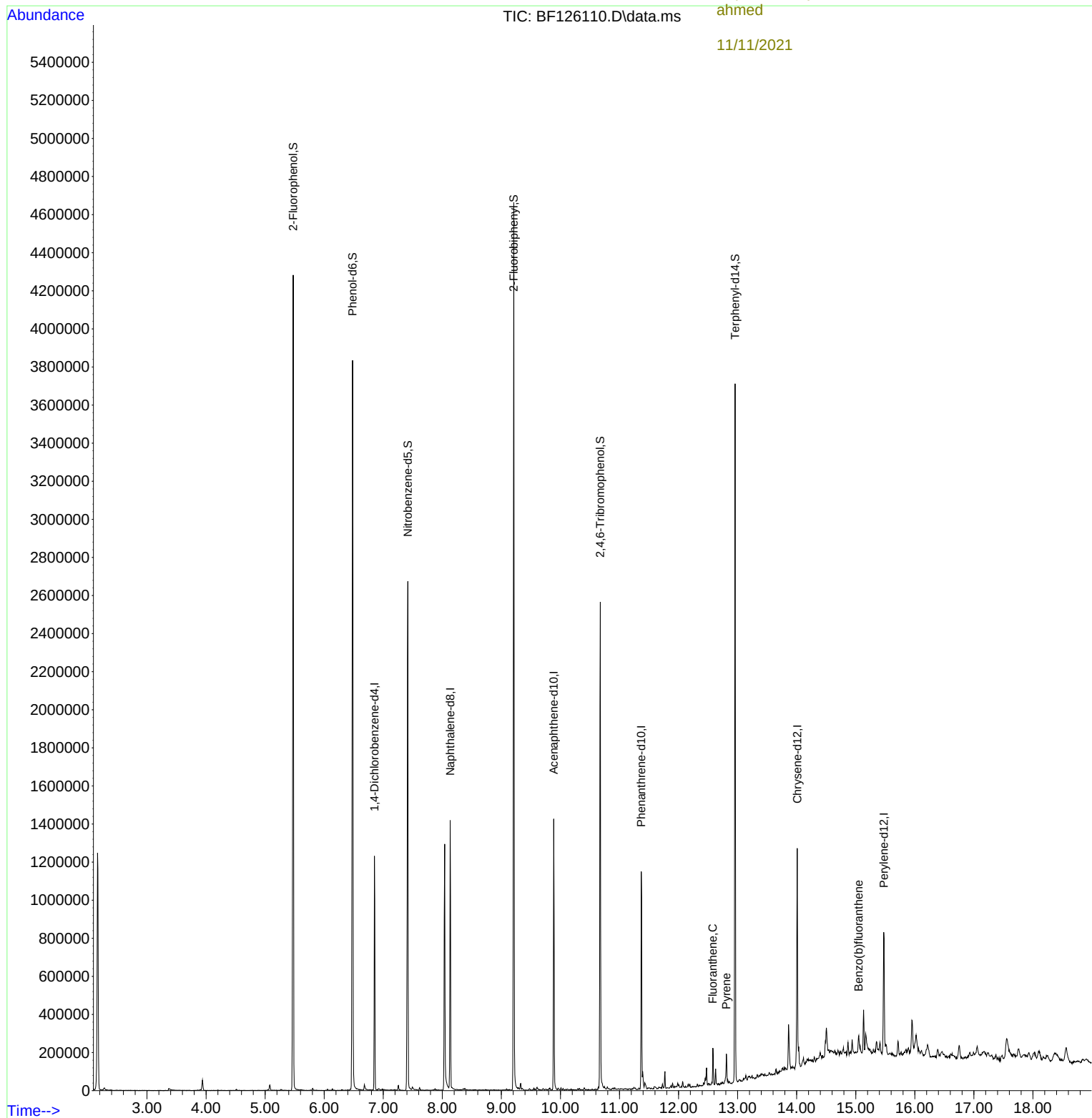
Quant Time: Nov 11 09:30:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

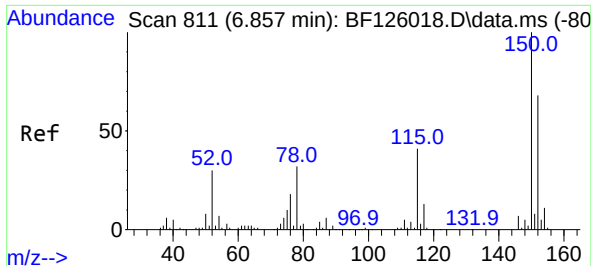
Manual Integrations
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Upadhyay

11/11/2021
Supervised By :mohammad
ahmed

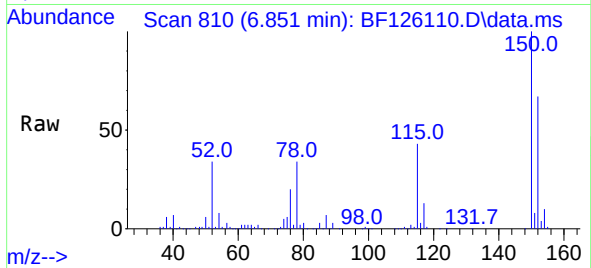
11/11/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126110.D
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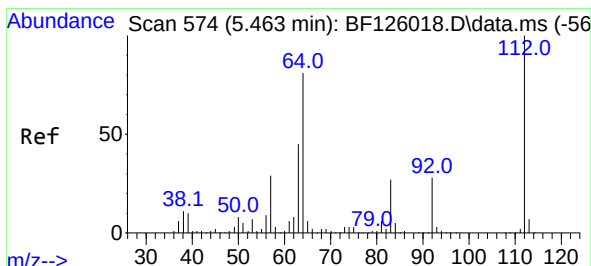
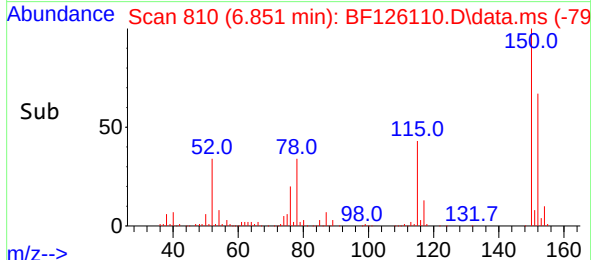
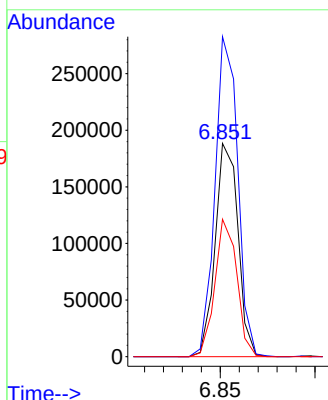
Tgt Ion:152 Resp: 157602
Ion Ratio Lower Upper
152 100
150 150.1 117.6 176.4
115 64.4 47.1 70.7

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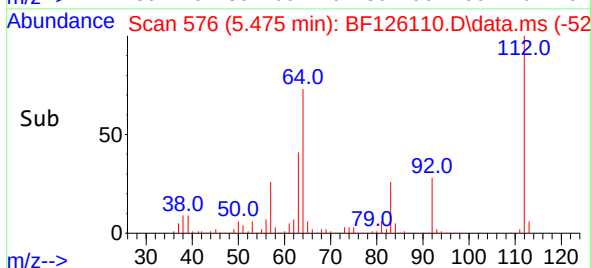
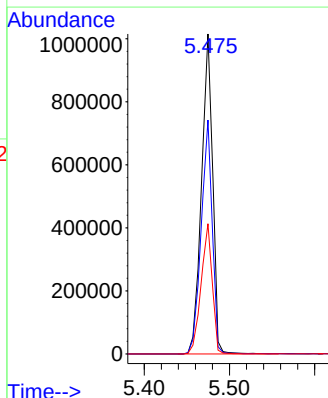
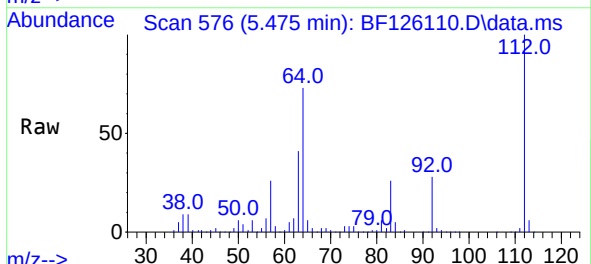
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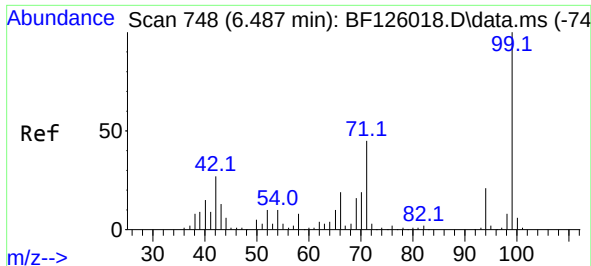
11/11/2021



#5
2-Fluorophenol
Concen: 100.674 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

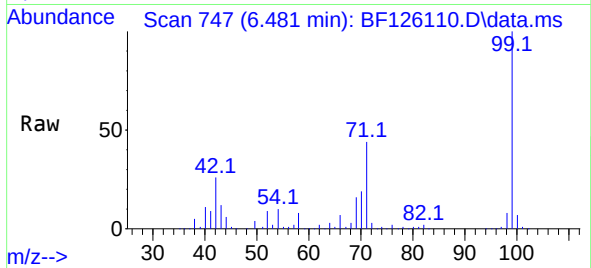
Tgt Ion:112 Resp: 923925
Ion Ratio Lower Upper
112 100
64 73.1 44.2 66.2#
63 40.7 26.2 39.2#





#7
Phenol-d6
Concen: 89.968 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

Instrument :
BNA_F
ClientSampleId :
T-1



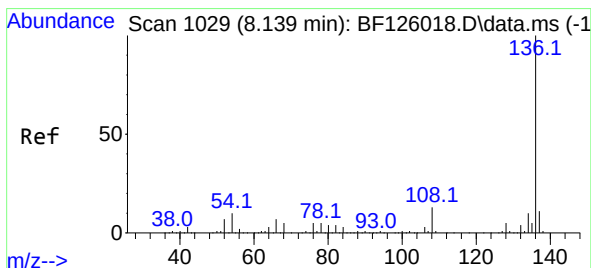
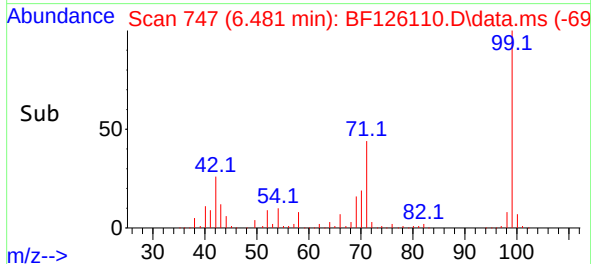
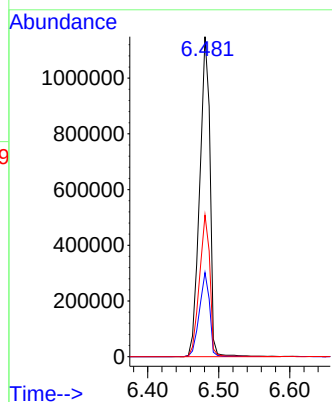
Tgt Ion: 99 Resp: 1163929
Ion Ratio Lower Upper
99 100
42 26.3 23.5 35.3
71 44.3 25.6 38.4

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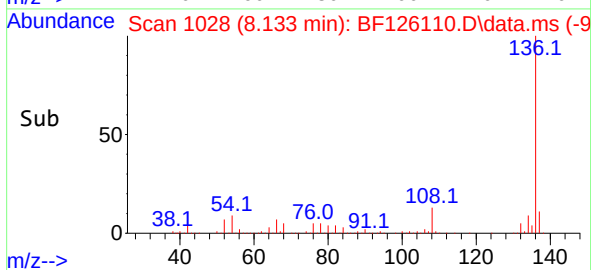
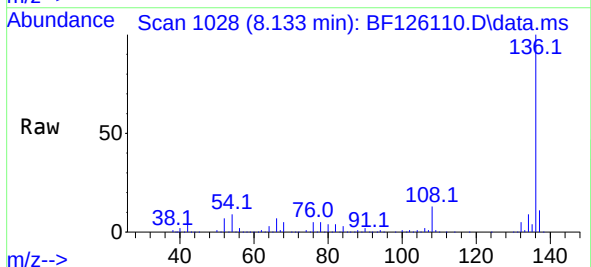
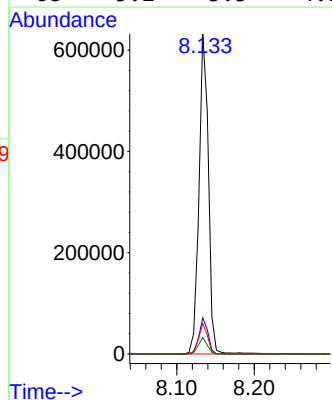
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Supervised By :mohammad
ahmed

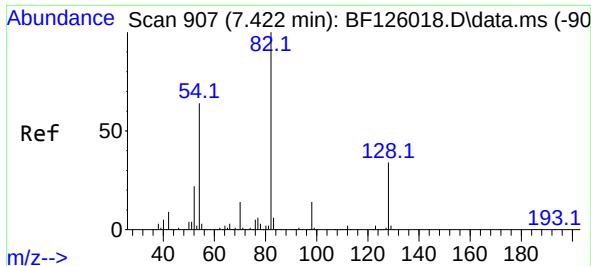
11/11/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

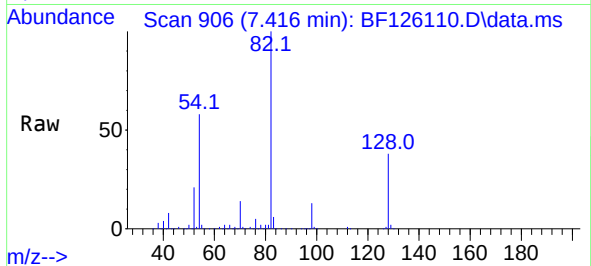
Tgt Ion:136 Resp: 532076
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.5 6.4 9.6
68 5.2 3.3 4.9





#23
Nitrobenzene-d5
Concen: 72.027 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

Instrument :
BNA_F
ClientSampleId :
T-1



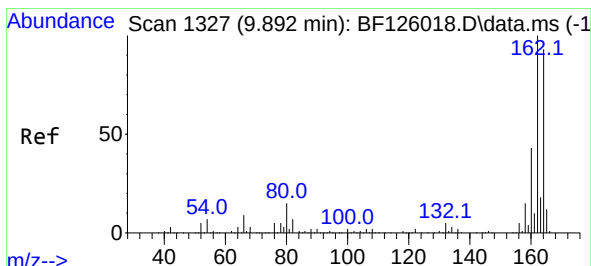
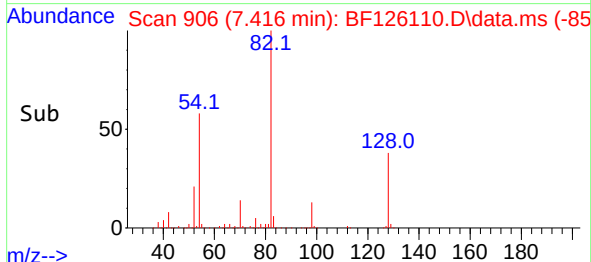
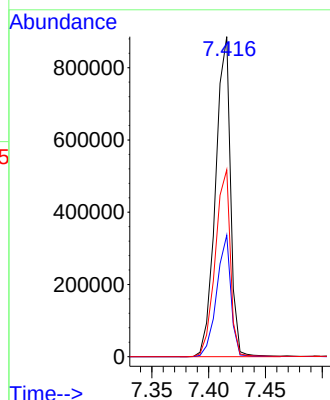
Tgt Ion: 82 Resp: 812629
Ion Ratio Lower Upper
82 100
128 38.0 40.6 60.8
54 58.4 49.6 74.4

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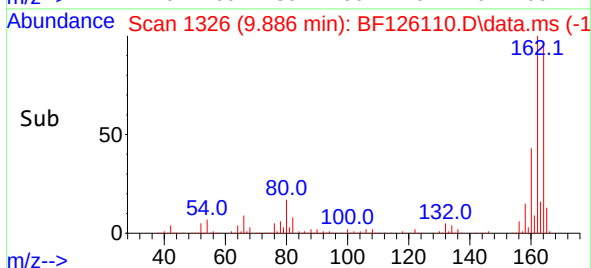
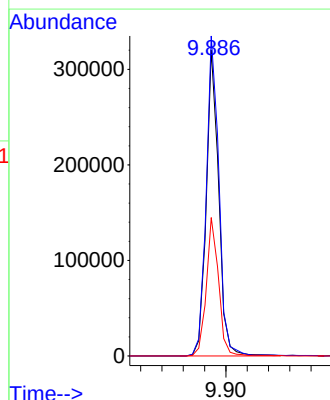
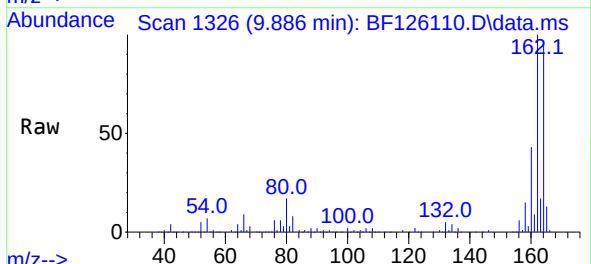
11/11/2021
Supervised By :mohammad
ahmed

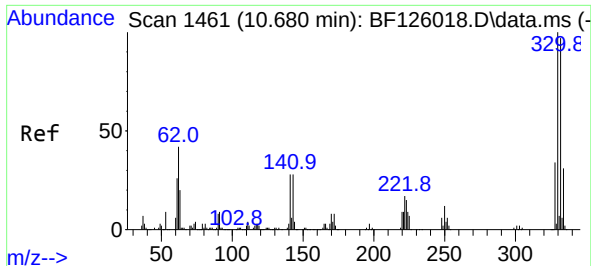
11/11/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

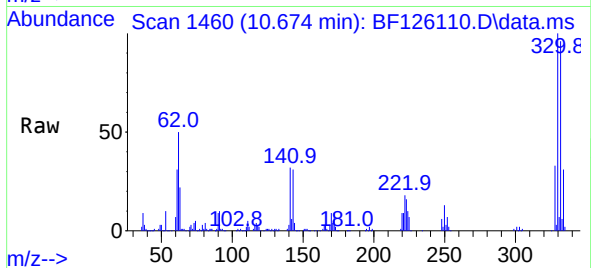
Tgt Ion:164 Resp: 259796
Ion Ratio Lower Upper
164 100
162 104.6 81.3 121.9
160 45.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 93.091 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

Instrument :
BNA_F
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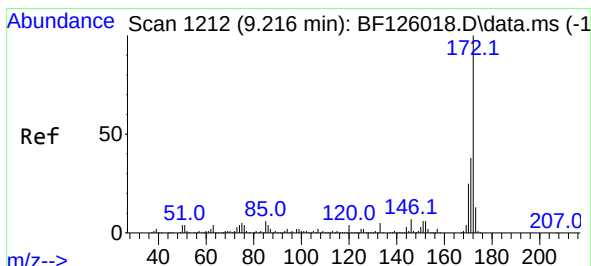
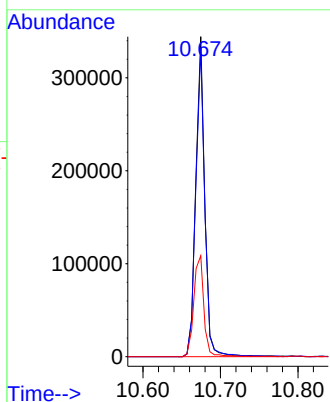
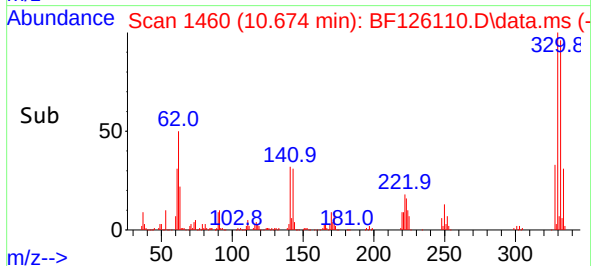
Tgt Ion:330 Resp: 277150
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 35.6 44.6 66.8

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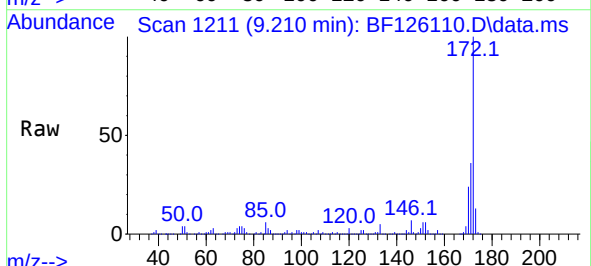
Reviewed By :Jagrut
Upadhyay

11/11/2021
Supervised By :mohammad
ahmed

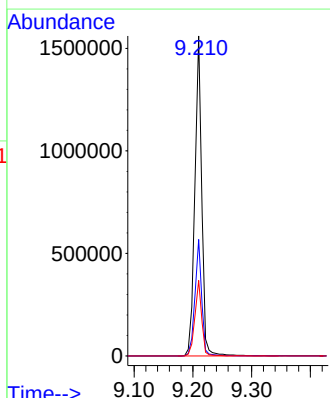
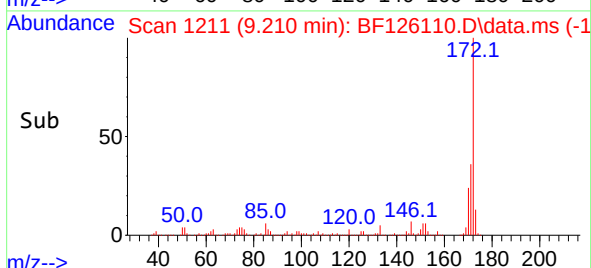
11/11/2021

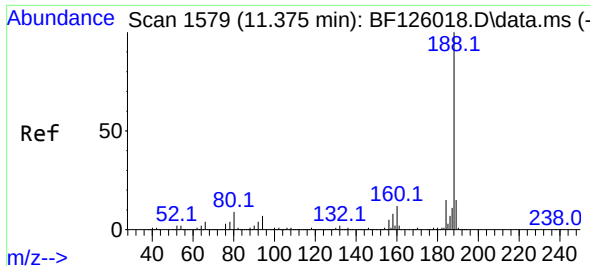


#45
2-Fluorobiphenyl
Concen: 65.986 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35



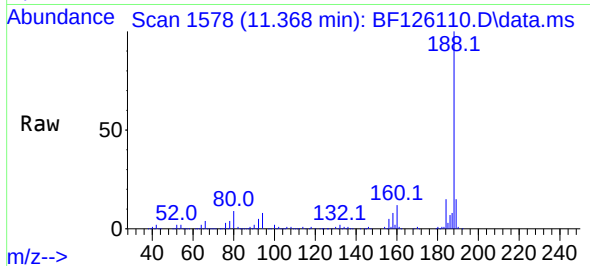
Tgt Ion:172 Resp: 1268571
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

Instrument :
BNA_F
ClientSampleId :
T-1



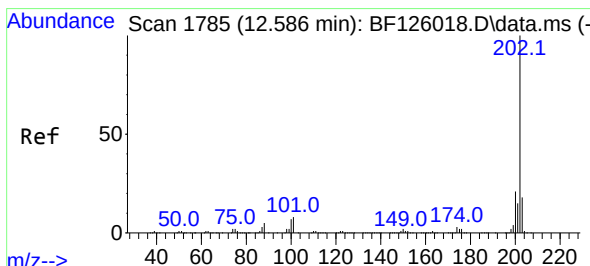
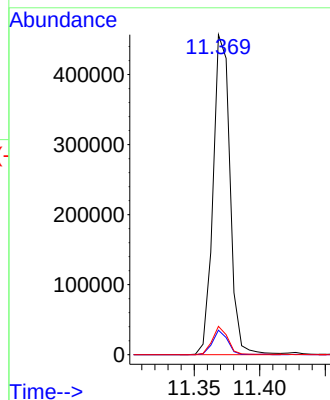
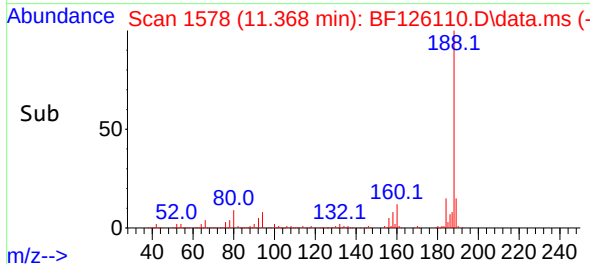
Tgt Ion:188 Resp: 40957
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.9 7.5 11.3

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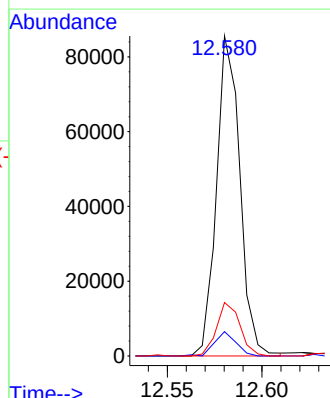
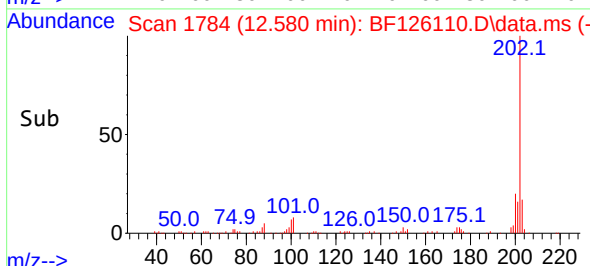
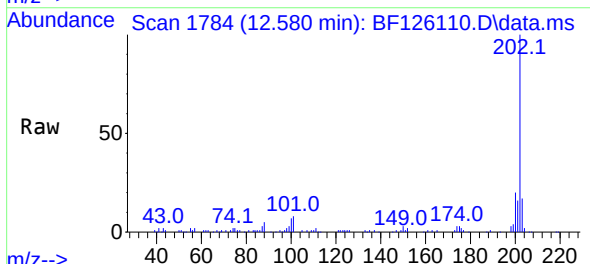
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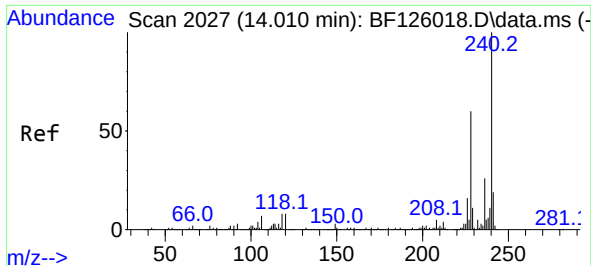
11/11/2021



#75
Fluoranthene
Concen: 2.976 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

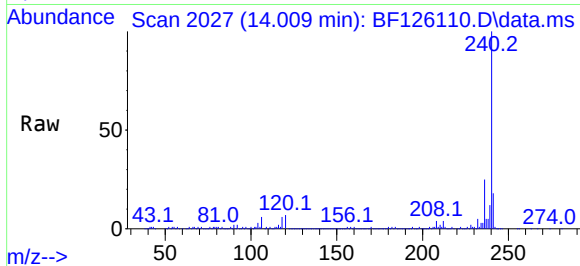
Tgt Ion:202 Resp: 73596
Ion Ratio Lower Upper
202 100
101 7.6 0.0 30.7
203 16.7 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 20
Delta R.T. -0.001 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

Instrument :
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ClientSampleId :
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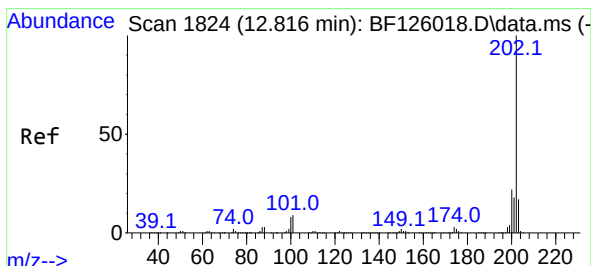
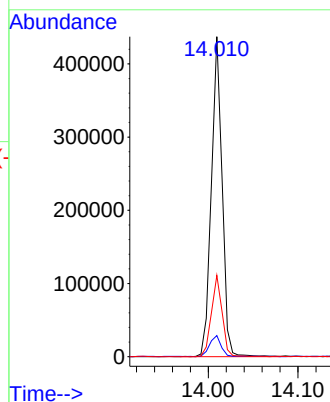
Tgt Ion:240 Resp: 36375
Ion Ratio Lower Upper
240 100
120 6.6 10.8 16.2
236 25.4 21.6 32.4

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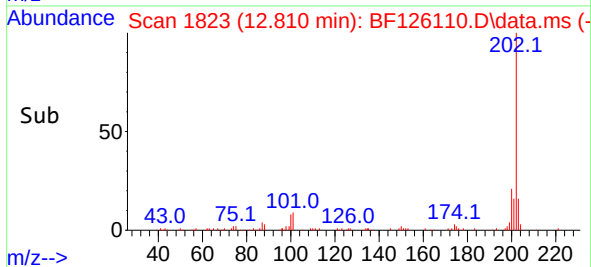
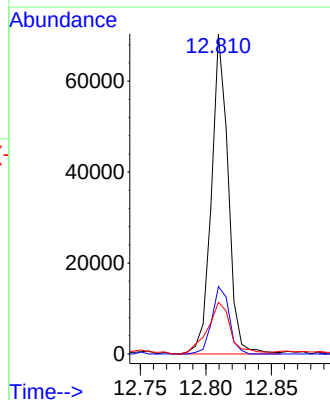
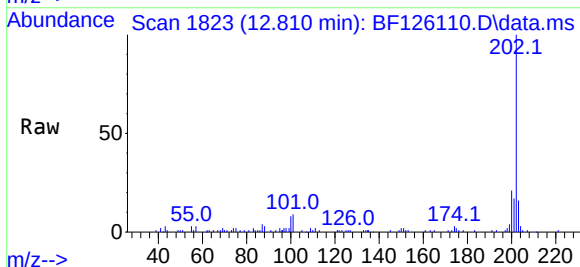
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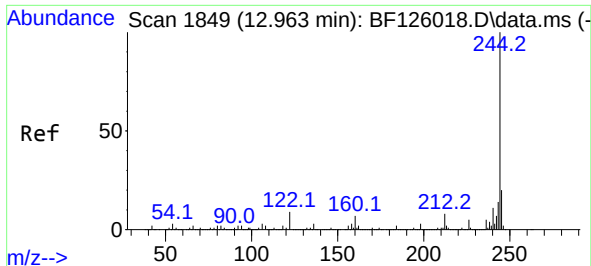
11/11/2021



#78
Pyrene
Concen: 2.146 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

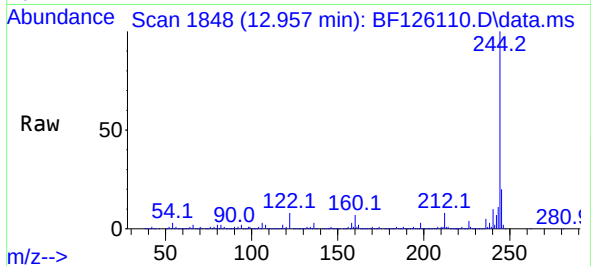
Tgt Ion:202 Resp: 62607
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 16.1 13.4 20.0





#79
Terphenyl-d14
Concen: 47.233 ng
RT: 12.957 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

Instrument :
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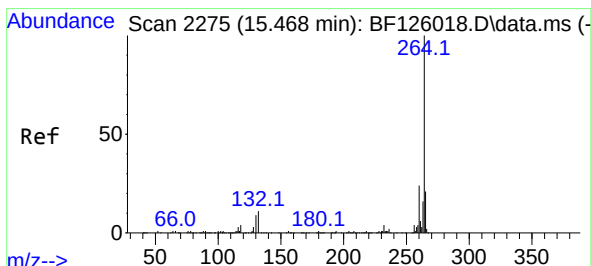
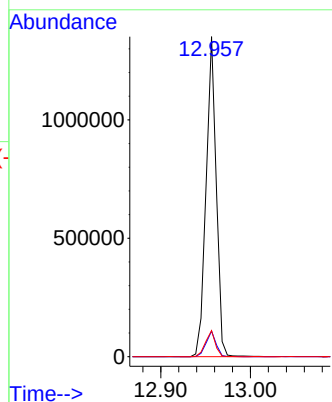
Tgt Ion:244 Resp: 1065468
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 8.1 9.0 13.4

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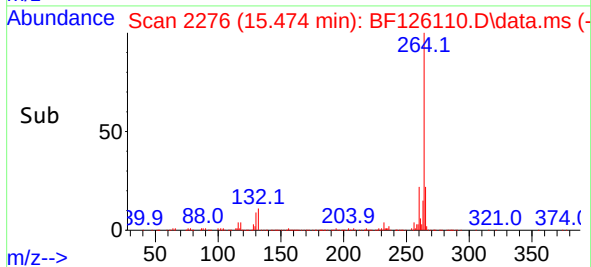
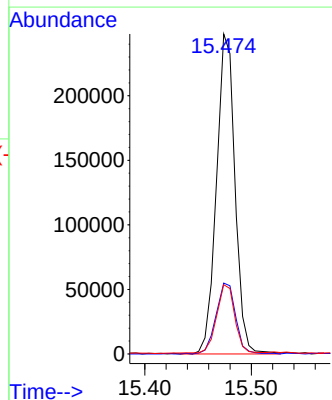
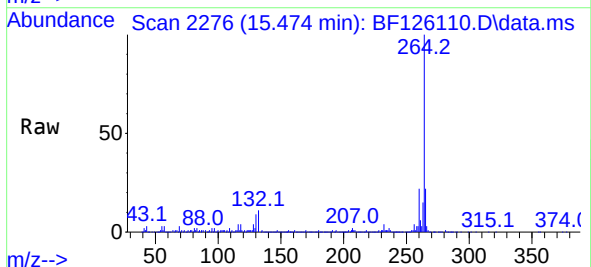
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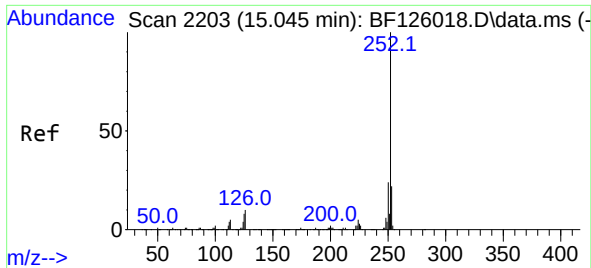
11/11/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

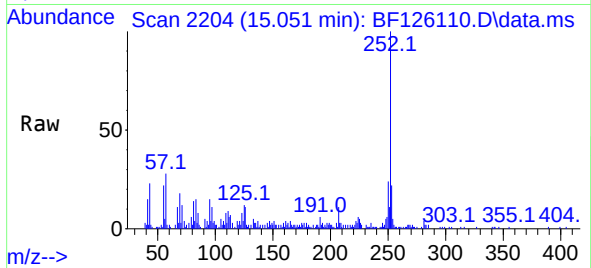
Tgt Ion:264 Resp: 299378
Ion Ratio Lower Upper
264 100
260 22.2 19.6 29.4
265 21.7 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.606 ng m
RT: 15.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126110.D
Acq: 10 Nov 2021 16:35

Instrument :
BNA_F
ClientSampleId :
T-1



Tgt Ion:252 Resp: 5074
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 12.4 9.8 14.8

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