

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126101.D
 Acq On : 10 Nov 2021 11:38
 Operator : JU/CG
 Sample : M4475-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01A

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 10 14:23:07 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	189811	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	654112	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	342895	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	512114	20.000	ng	0.00
76) Chrysene-d12	14.010	240	401179	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	353657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1162129	105.141	ng	0.01
7) Phenol-d6	6.481	99	1477215	94.808	ng	0.00
23) Nitrobenzene-d5	7.416	82	1090798	78.645	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	372490	94.791	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1780644	70.176	ng	0.00
79) Terphenyl-d14	12.957	244	1265354	50.861	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	56056	2.018	ng	97
75) Fluoranthene	12.580	202	140108	4.530	ng	97
78) Pyrene	12.810	202	129914	4.038	ng	95
81) Benzo(a)anthracene	13.998	228	73509m	2.667	ng	
83) Chrysene	14.033	228	76393	2.979	ng	94
87) Indeno(1,2,3-cd)pyrene	16.927	276	43259	2.067	ng	# 81
88) Benzo(b)fluoranthene	15.045	252	106576m	4.633	ng	
90) Benzo(a)pyrene	15.409	252	72737	4.013	ng	95
92) Benzo(g,h,i)perylene	17.368	276	41333	2.507	ng	# 83

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

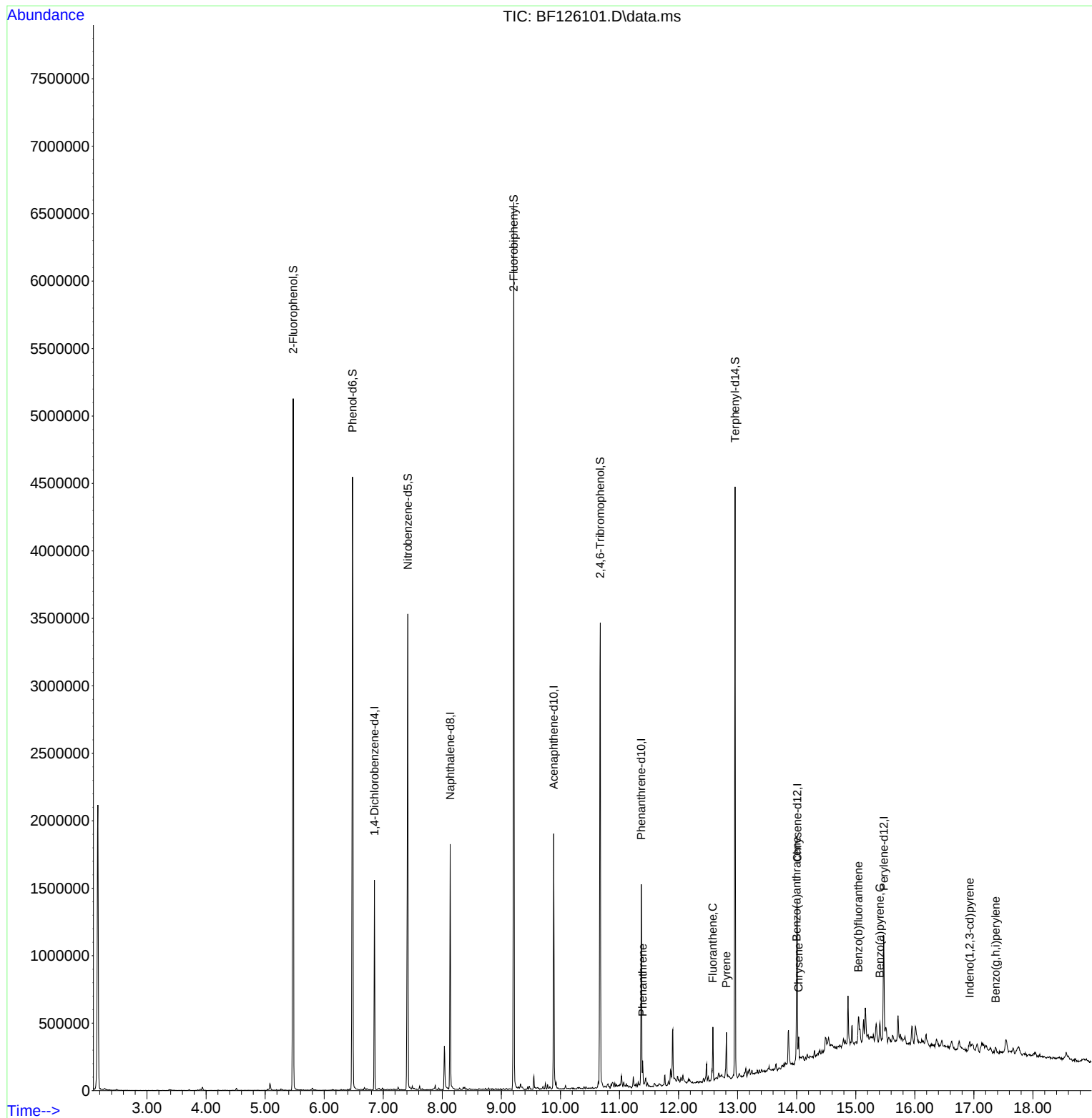
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126101.D
Acq On : 10 Nov 2021 11:38
Operator : JU/CG
Sample : M4475-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

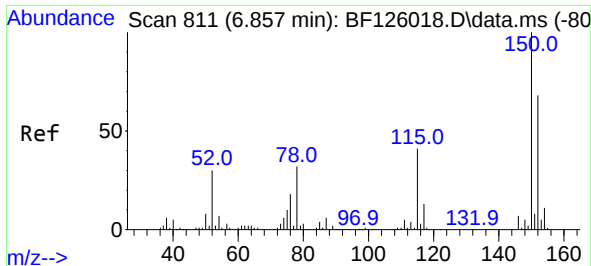
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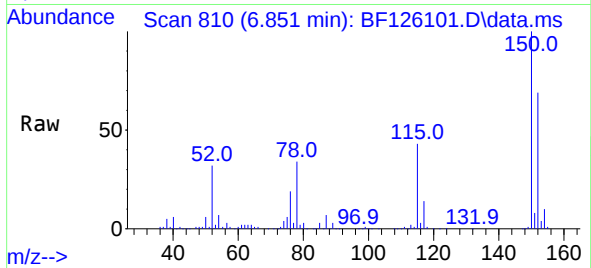
Quant Time: Nov 10 14:23:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

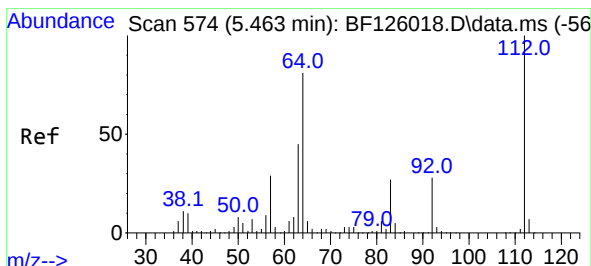
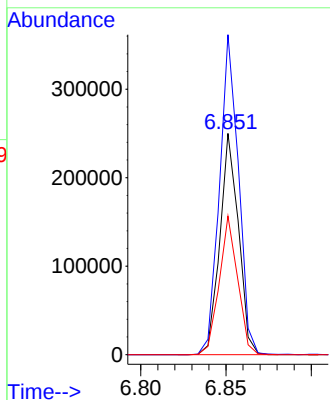
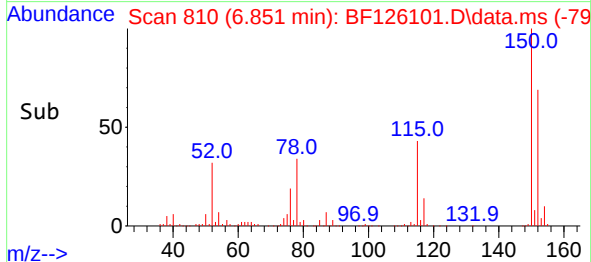
Instrument :
BNA_F
ClientSampleId :
SB01A



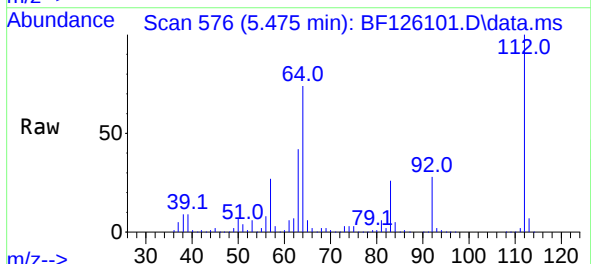
Tgt Ion:152 Resp: 18981
Ion Ratio Lower Upper
152 100
150 144.6 117.6 176.4
115 62.6 47.1 70.7

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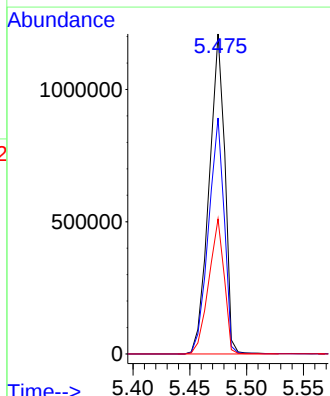
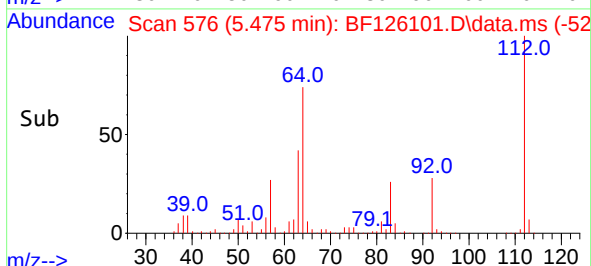
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

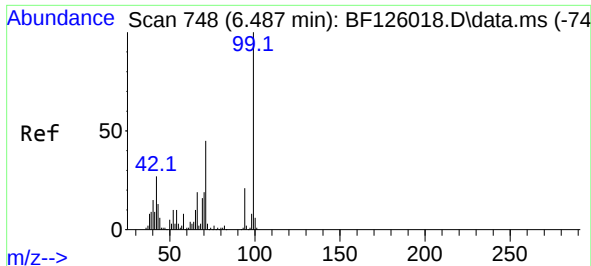


#5
2-Fluorophenol
Concen: 105.141 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38



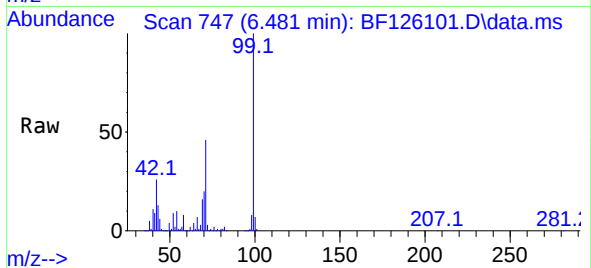
Tgt Ion:112 Resp: 1162129
Ion Ratio Lower Upper
112 100
64 73.8 44.2 66.2#
63 42.2 26.2 39.2#





#7
Phenol-d6
Concen: 94.808 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

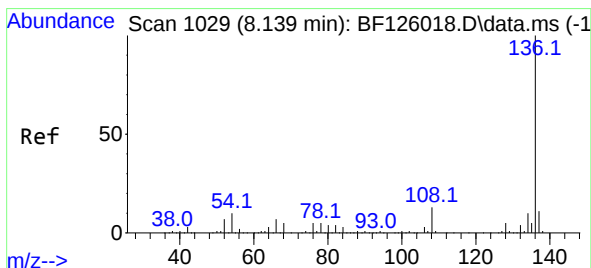
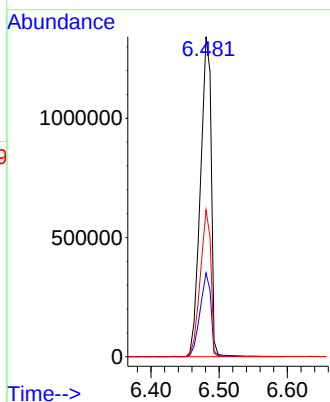
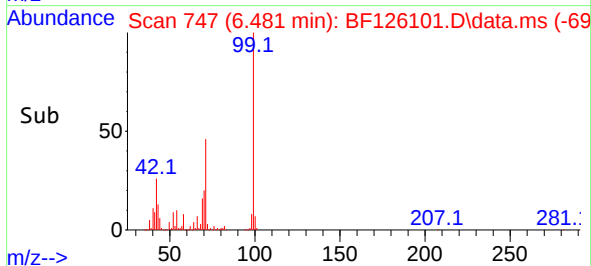
Instrument :
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ClientSampleId :
SB01A



Tgt Ion: 99 Resp: 1477215
Ion Ratio Lower Upper
99 100
42 26.1 23.5 35.3
71 45.8 25.6 38.4

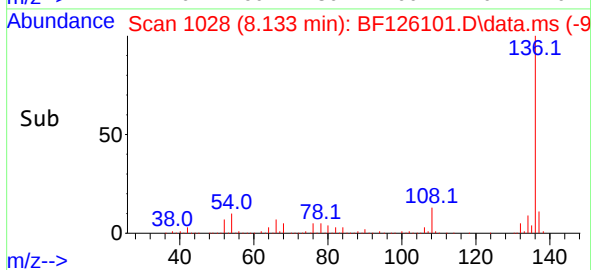
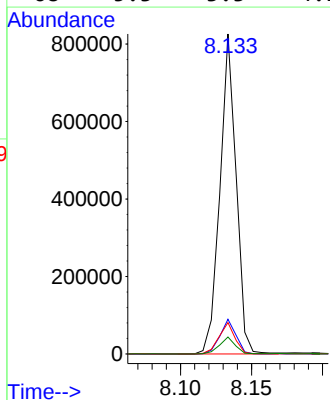
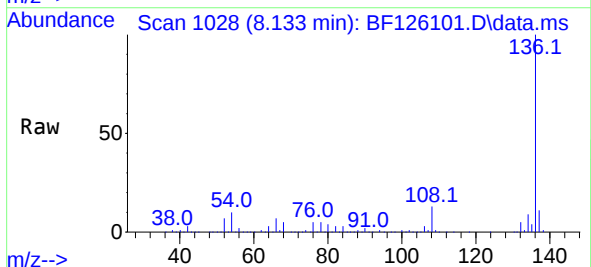
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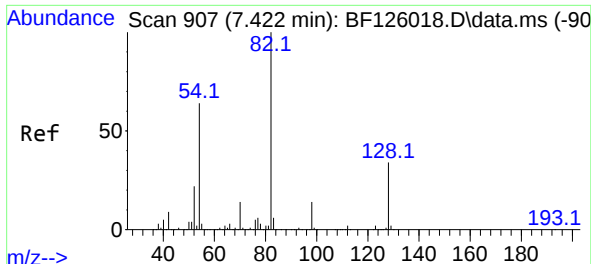
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

Tgt Ion:136 Resp: 654112
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.8 6.4 9.6#
68 5.3 3.3 4.9#





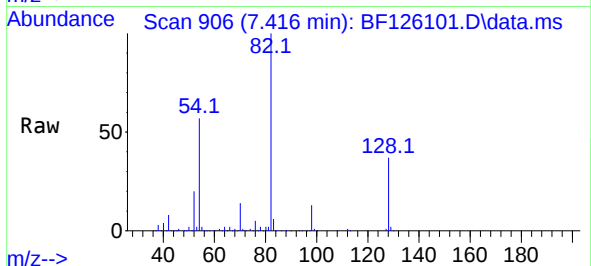
#23
Nitrobenzene-d5
Concen: 78.645 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

Instrument :

BNA_F

ClientSampleId :

SB01A

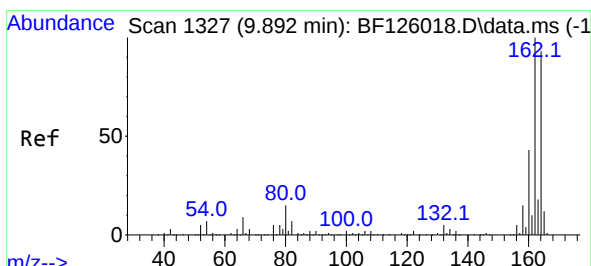
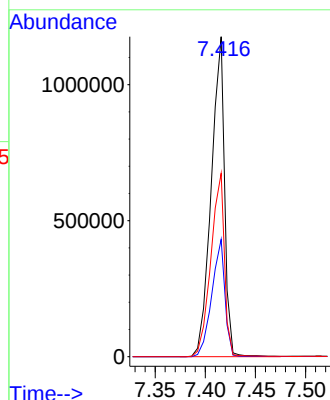
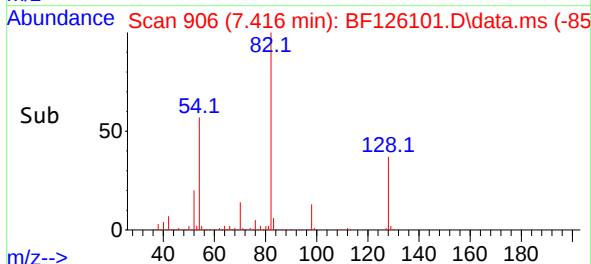


Tgt Ion: 82 Resp: 1090798
Ion Ratio Lower Upper
82 100
128 36.7 40.6 60.8
54 57.3 49.6 74.4

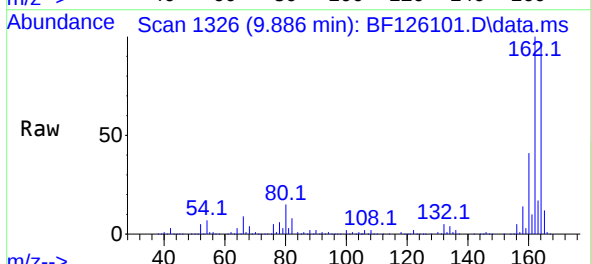
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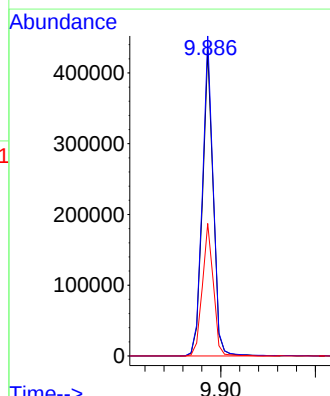
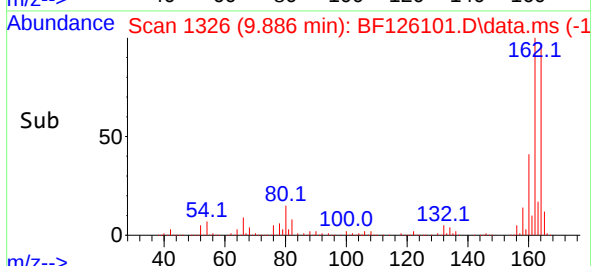
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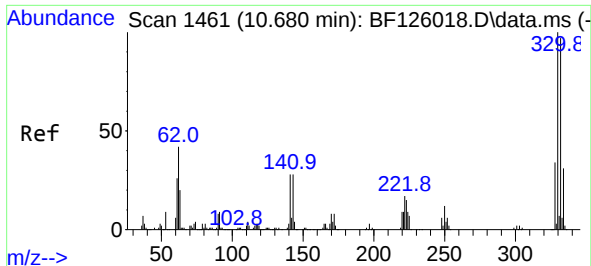


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38



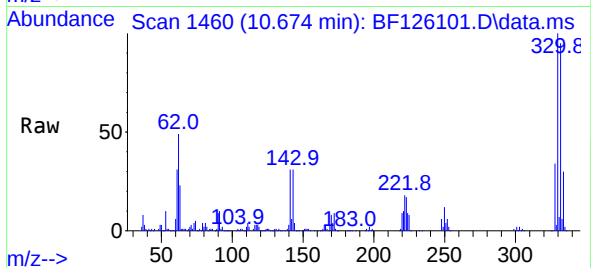
Tgt Ion:164 Resp: 342895
Ion Ratio Lower Upper
164 100
162 104.7 81.3 121.9
160 43.4 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 94.791 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

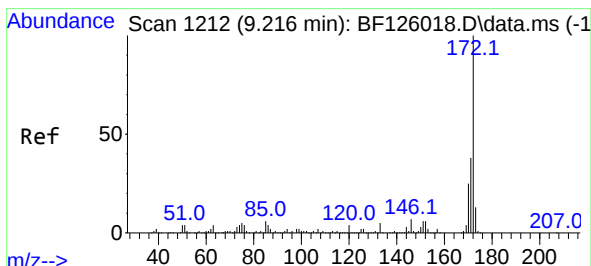
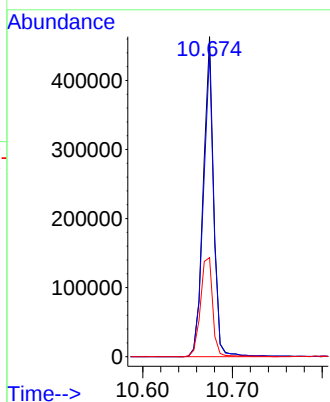
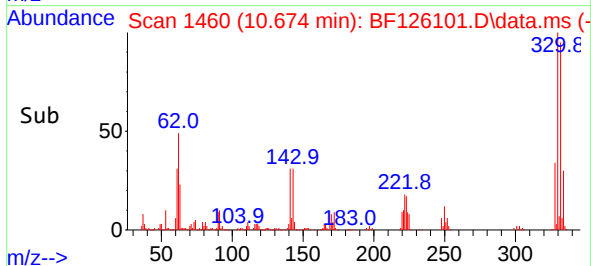
Instrument :
BNA_F
ClientSampleId :
SB01A



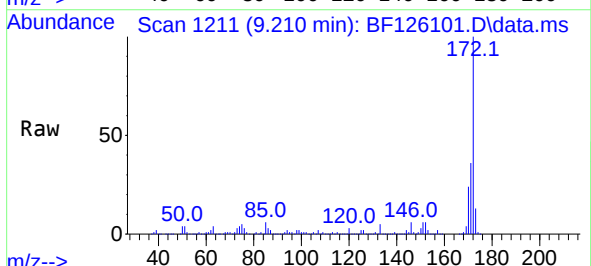
Tgt Ion:330 Resp: 372490
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 36.6 44.6 66.8

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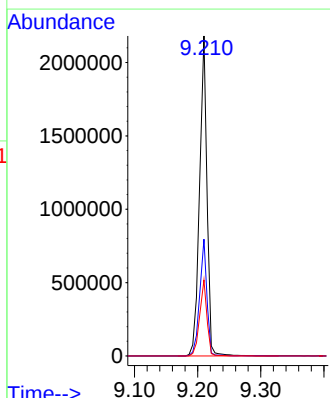
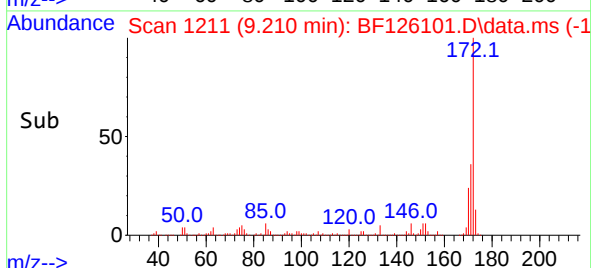
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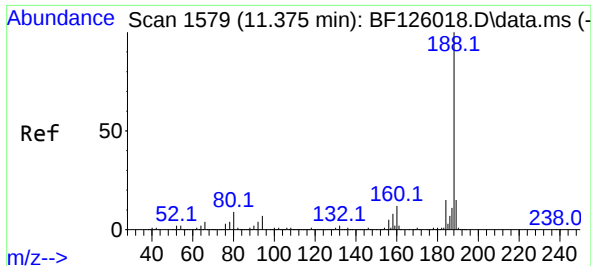


#45
2-Fluorobiphenyl
Concen: 70.176 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38



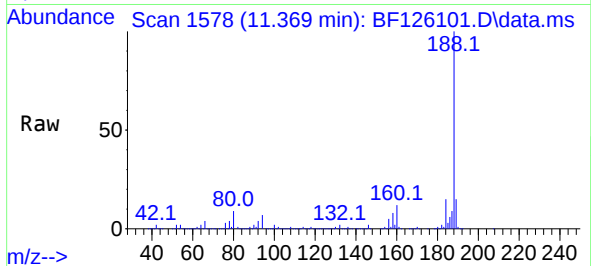
Tgt Ion:172 Resp: 1780644
Ion Ratio Lower Upper
172 100
171 36.5 26.5 39.7
170 23.8 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

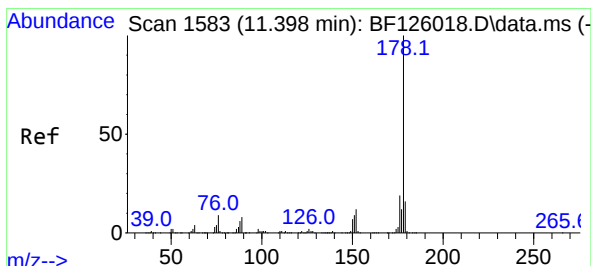
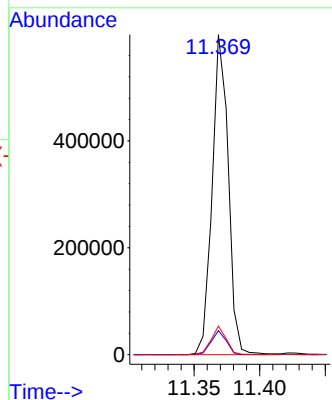
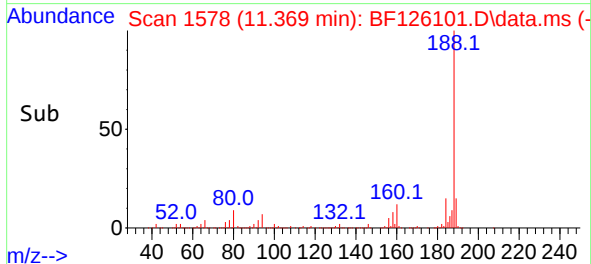
Instrument :
BNA_F
ClientSampleId :
SB01A



Tgt Ion:188 Resp: 512114
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.9 7.5 11.3

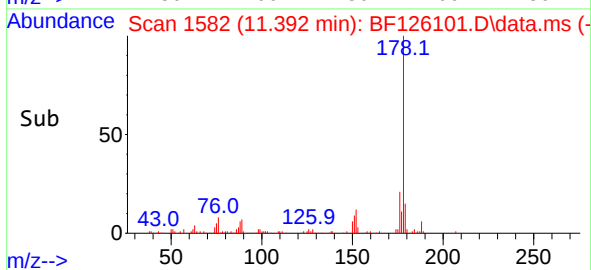
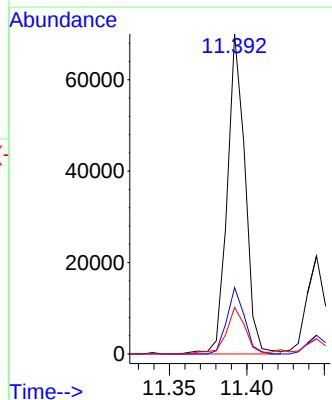
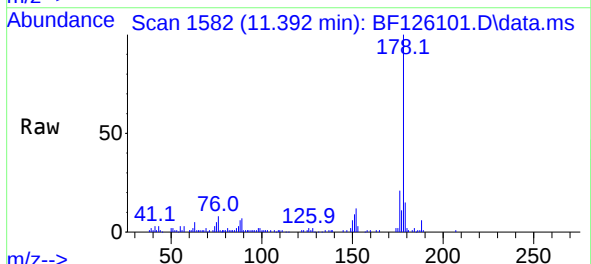
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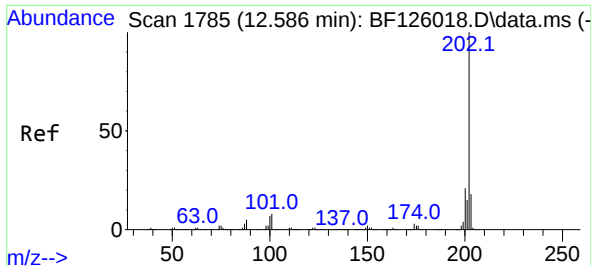
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#71
Phenanthrene
Concen: 2.018 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

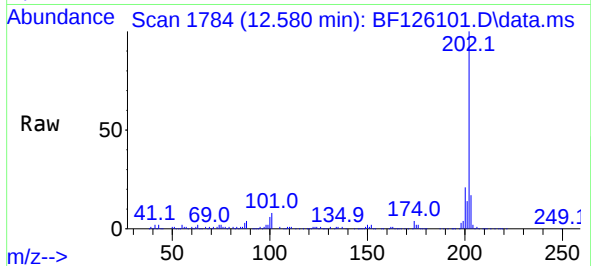
Tgt Ion:178 Resp: 56056
Ion Ratio Lower Upper
178 100
176 20.7 14.7 22.1
179 14.5 11.5 17.3





#75
Fluoranthene
Concen: 4.530 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

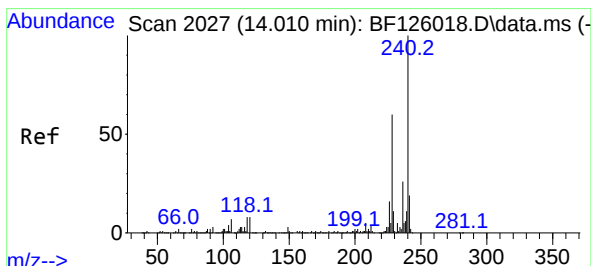
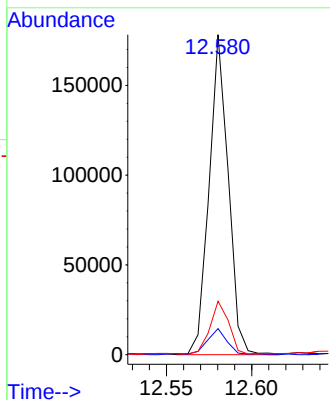
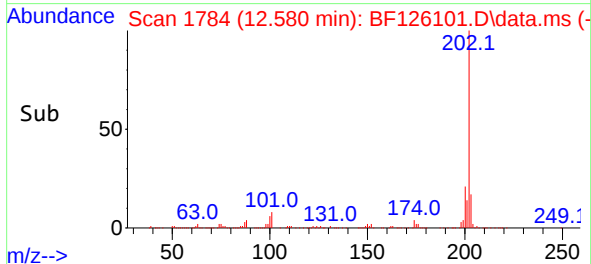
Instrument :
BNA_F
ClientSampleId :
SB01A



Tgt Ion:202 Resp: 140108
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.7
203 16.7 0.0 36.3

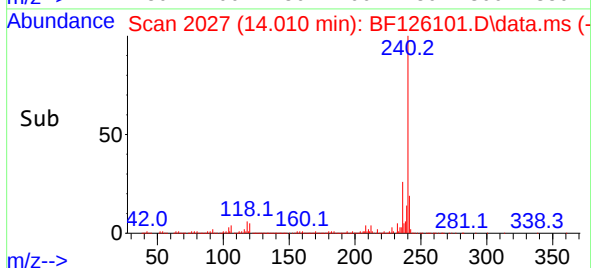
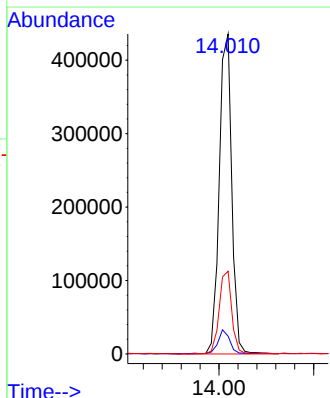
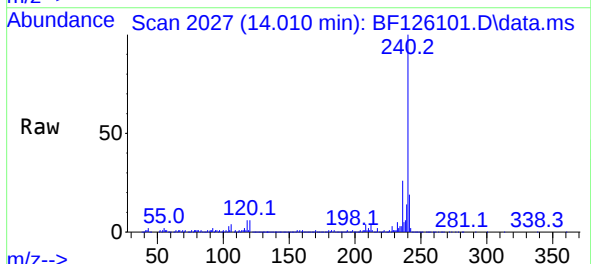
Manual Integrations
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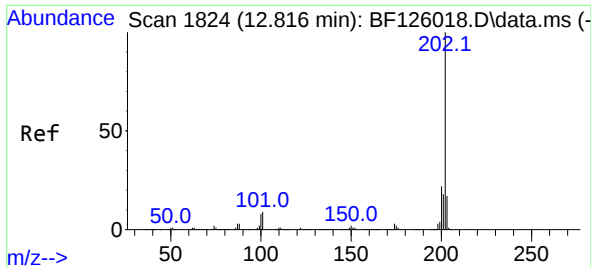
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

Tgt Ion:240 Resp: 401179
Ion Ratio Lower Upper
240 100
120 5.6 10.8 16.2#
236 25.8 21.6 32.4





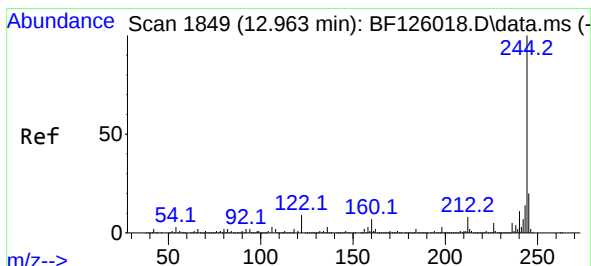
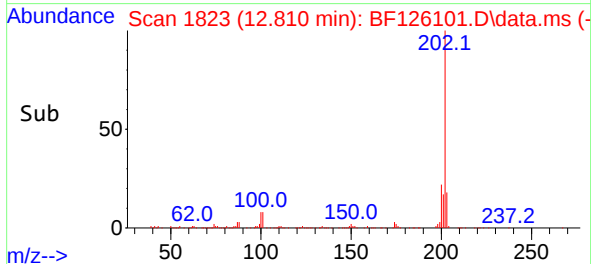
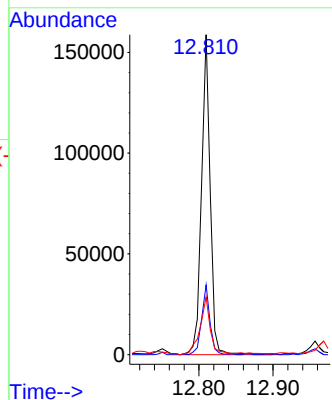
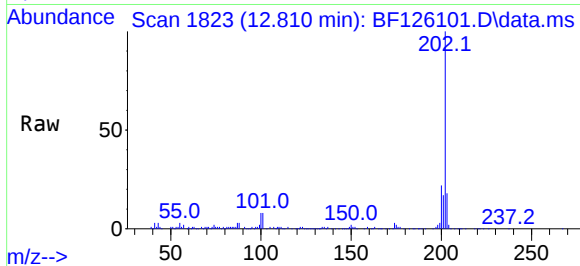
#78
Pyrene
Concen: 4.038 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

Instrument :
BNA_F
ClientSampleId :
SB01A

Tgt Ion:202 Resp: 129914
Ion Ratio Lower Upper
202 100
200 21.8 15.3 22.9
203 18.0 13.4 20.0

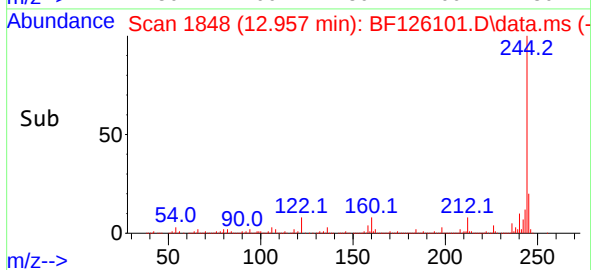
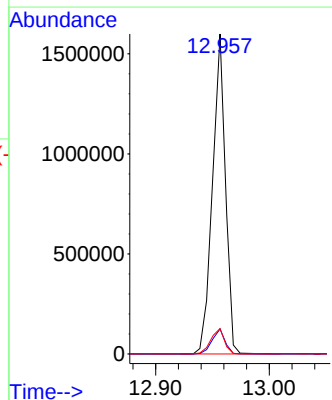
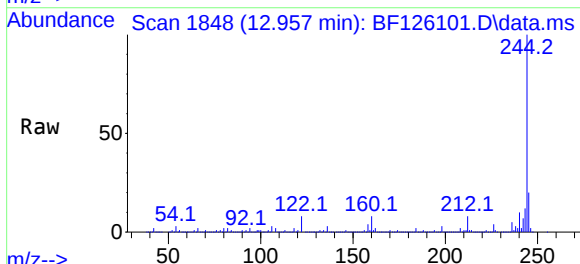
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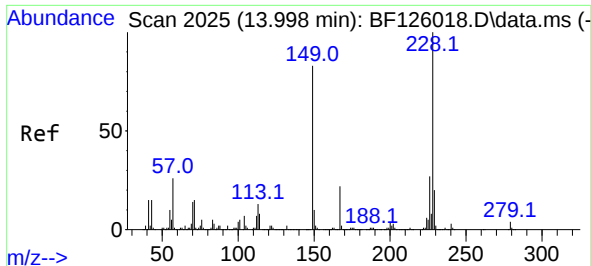
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#79
Terphenyl-d14
Concen: 50.861 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

Tgt Ion:244 Resp: 1265354
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 8.0 9.0 13.4





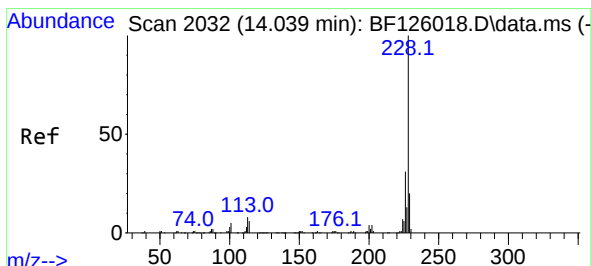
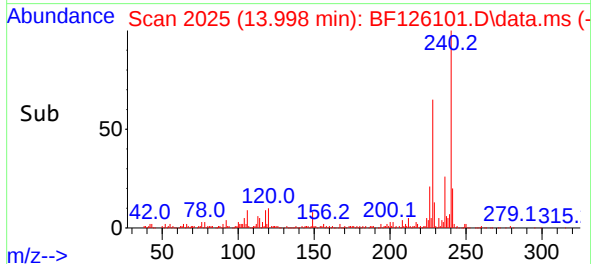
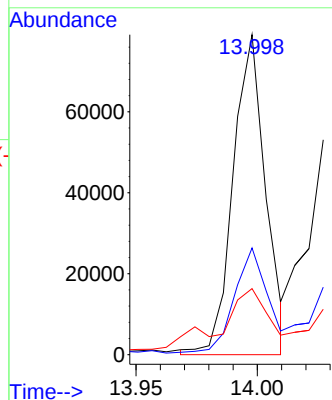
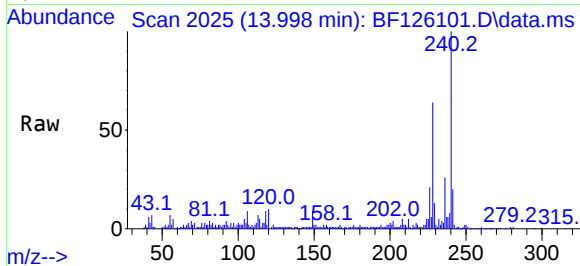
#81
Benzo(a)anthracene
Concen: 2.667 ng m
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

Instrument :
BNA_F
ClientSampleId :
SB01A

Tgt Ion:228 Resp: 73509
Ion Ratio Lower Upper
228 100
226 33.4 21.6 32.4
229 20.6 15.6 23.4

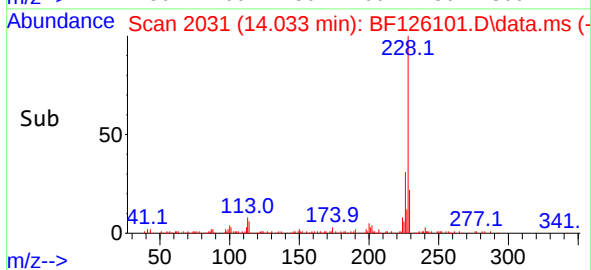
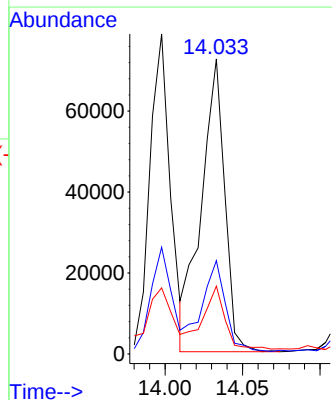
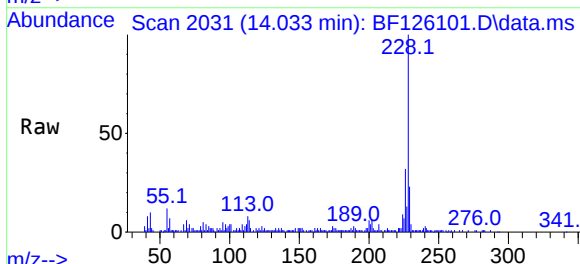
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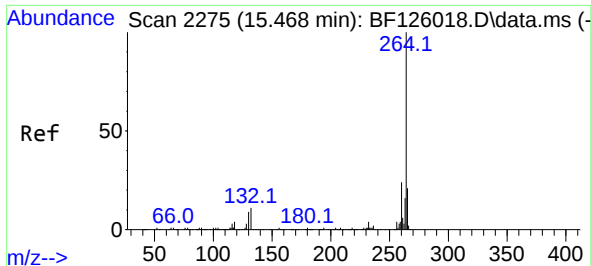
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#83
Chrysene
Concen: 2.979 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

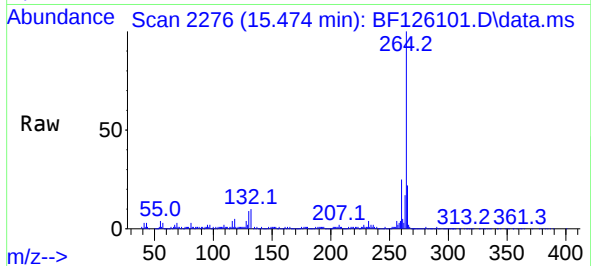
Tgt Ion:228 Resp: 76393
Ion Ratio Lower Upper
228 100
226 31.6 22.6 34.0
229 23.0 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

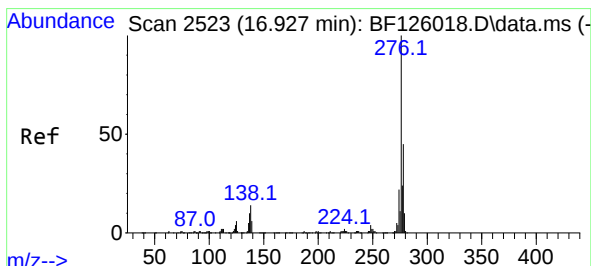
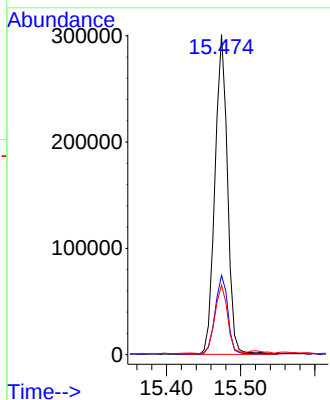
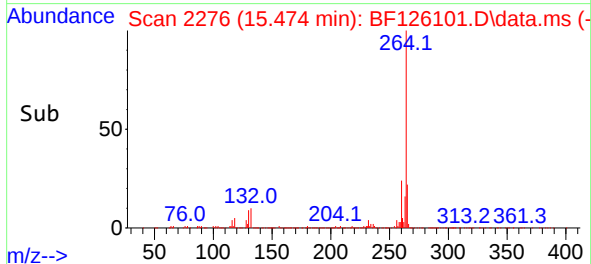
Instrument :
BNA_F
ClientSampleId :
SB01A



Tgt Ion:264 Resp: 35365
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 21.8 17.2 25.8

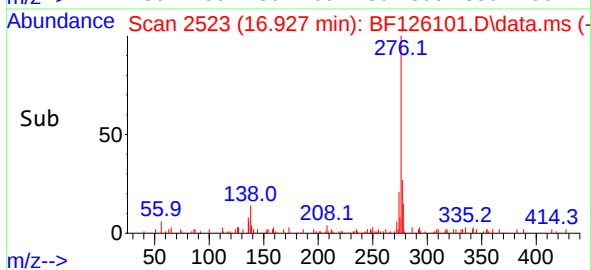
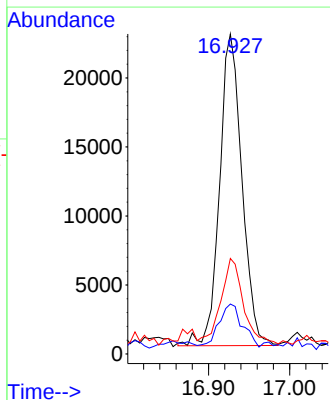
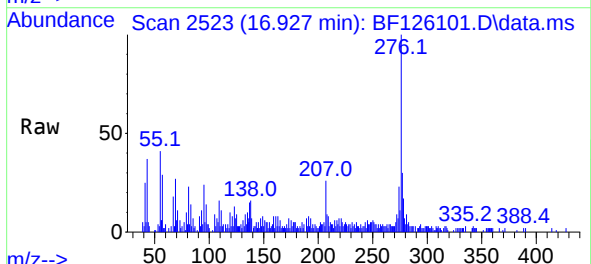
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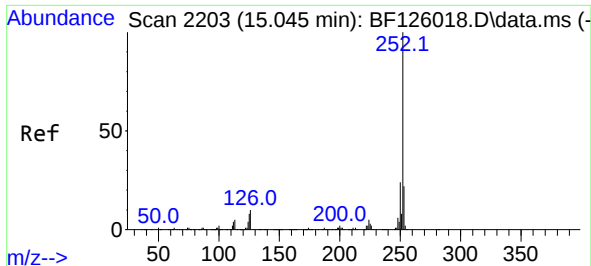
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.067 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.000 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

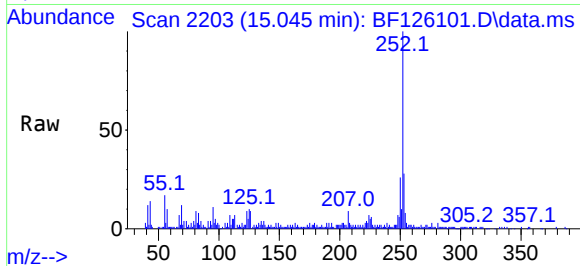
Tgt Ion:276 Resp: 43259
Ion Ratio Lower Upper
276 100
138 14.6 24.1 36.1#
277 27.1 18.8 28.2





#88
Benzo(b)fluoranthene
Concen: 4.633 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

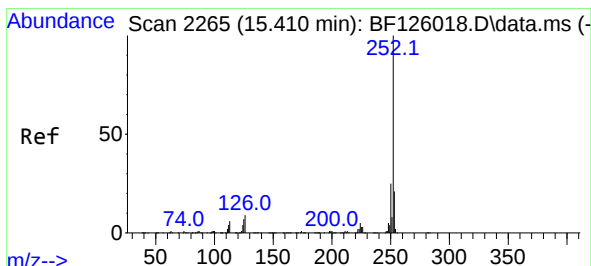
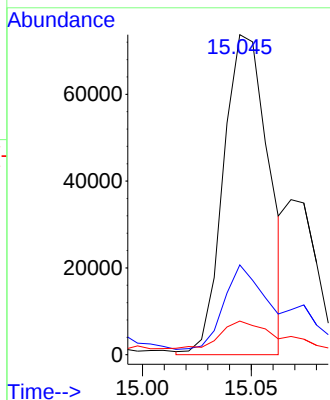
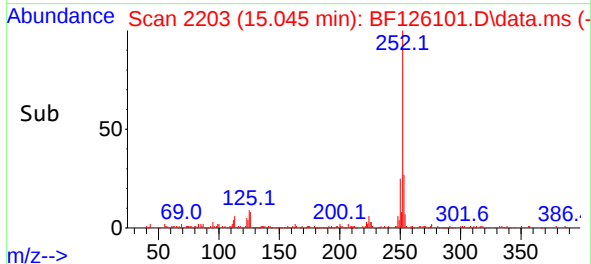
Instrument :
BNA_F
ClientSampleId :
SB01A



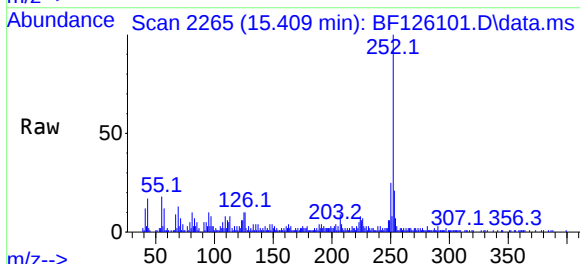
Tgt Ion:252 Resp: 106570
Ion Ratio Lower Upper
252 100
253 28.1 16.8 25.2
125 10.5 9.8 14.8

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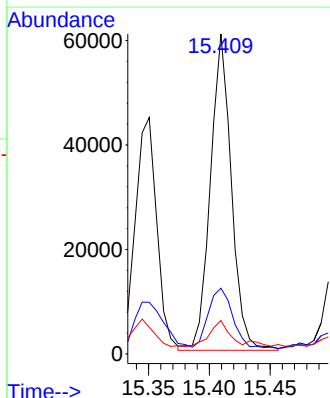
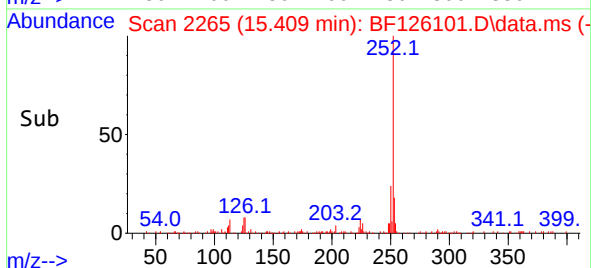
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

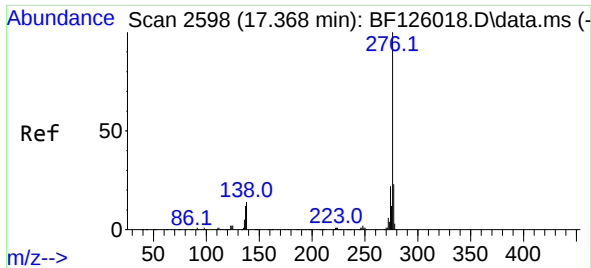


#90
Benzo(a)pyrene
Concen: 4.013 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.001 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38



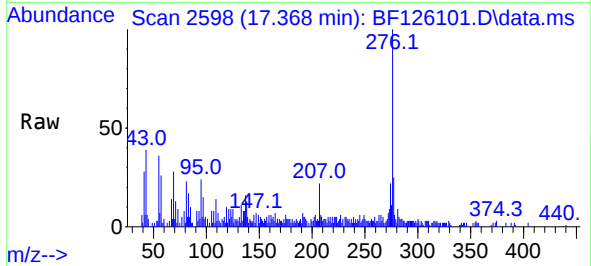
Tgt Ion:252 Resp: 72737
Ion Ratio Lower Upper
252 100
253 20.6 18.4 27.6
125 10.4 9.9 14.9





#92
Benzo(g,h,i)perylene
Concen: 2.507 ng
RT: 17.368 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126101.D
Acq: 10 Nov 2021 11:38

Instrument :
BNA_F
ClientSampleId :
SB01A



Tgt Ion: 276 Resp: 4133

Ion	Ratio	Lower	Upper
276	100		
277	25.1	22.0	33.0
138	12.8	22.2	33.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/10/2021
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