

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126053.D
 Acq On : 4 Nov 2021 19:07
 Operator : JU/CG
 Sample : M4475-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01A

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 08 09:50:50 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	130620	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	401530	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	193697	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	356204	20.000	ng	0.00
76) Chrysene-d12	14.010	240	336505	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	248664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	368446	48.440	ng	0.00
7) Phenol-d6	6.475	99	433343	40.415	ng	-0.01
23) Nitrobenzene-d5	7.410	82	309310	36.329	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	103077	46.436	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	471527	32.897	ng	0.00
79) Terphenyl-d14	12.957	244	506853	24.289	ng	0.00
Target Compounds						
75) Fluoranthene	12.580	202	54629	2.540	ng	Qvalue 94
88) Benzo(b)fluoranthene	15.045	252	37467m	2.316	ng	

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

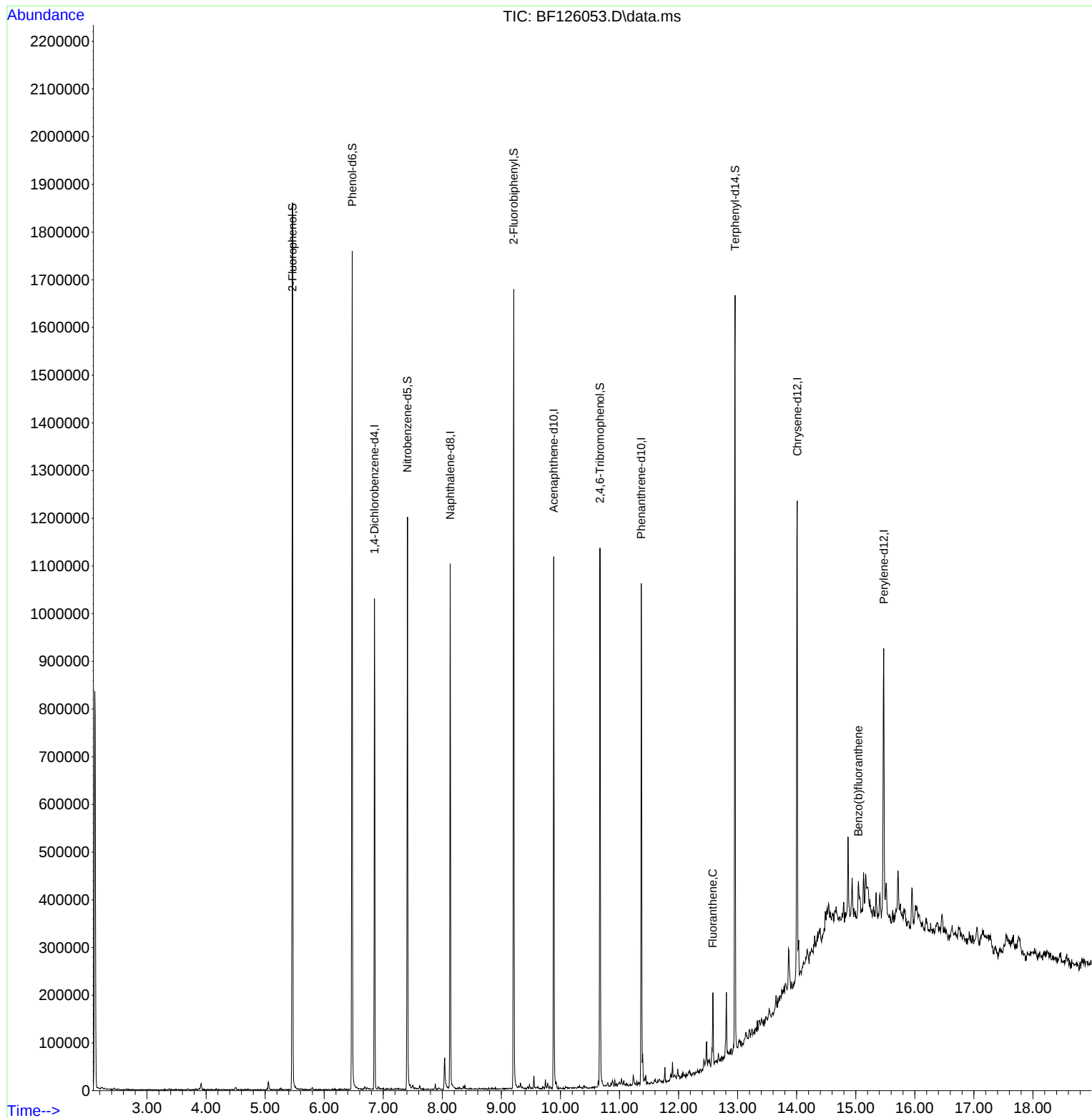
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126053.D
Acq On : 4 Nov 2021 19:07
Operator : JU/CG
Sample : M4475-01 2X
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ALS Vial : 19 Sample Multiplier: 1

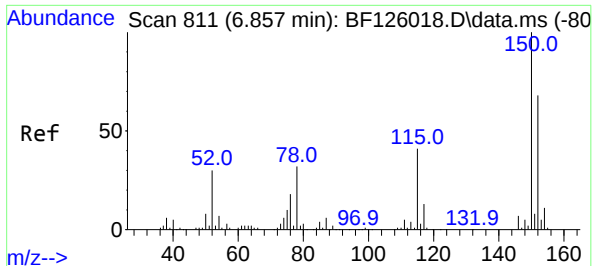
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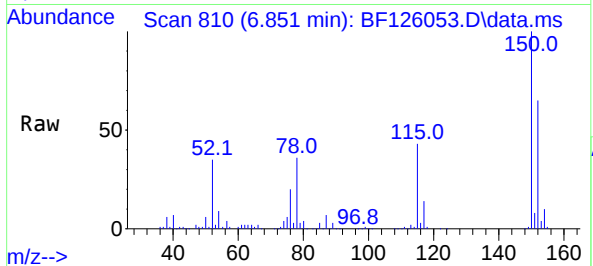
Quant Time: Nov 08 09:50:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

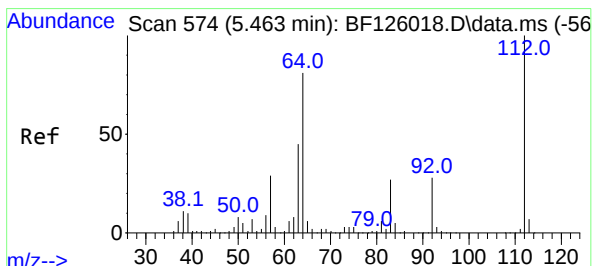
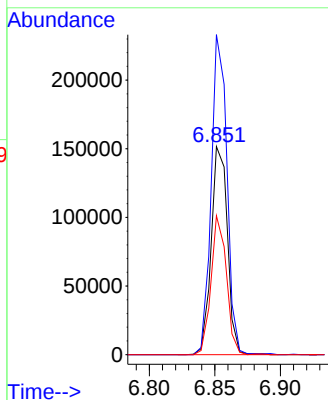
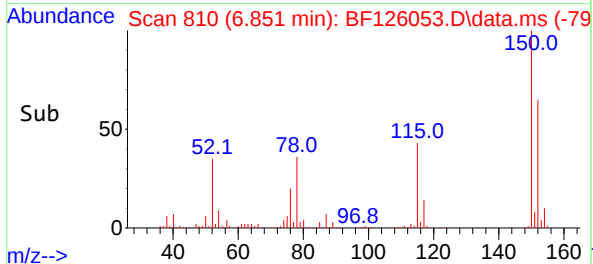
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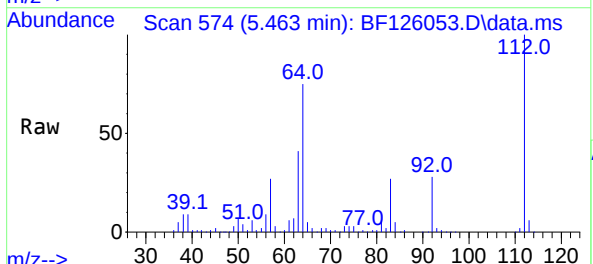
Tgt Ion:152 Resp: 130620
Ion Ratio Lower Upper
152 100
150 153.7 117.6 176.4
115 66.8 47.1 70.7

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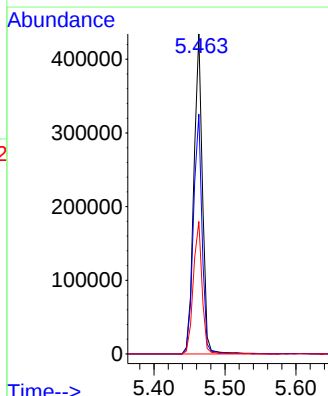
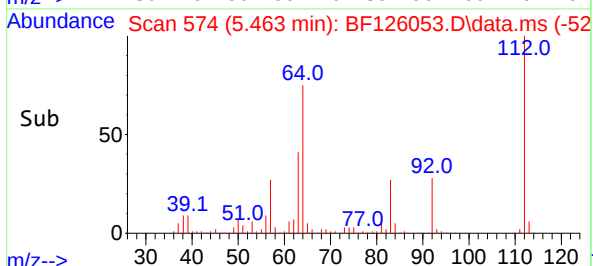
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

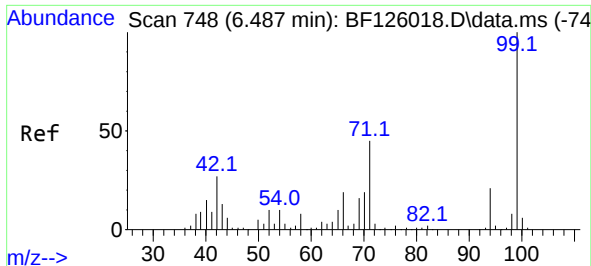


#5
2-Fluorophenol
Concen: 48.440 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07



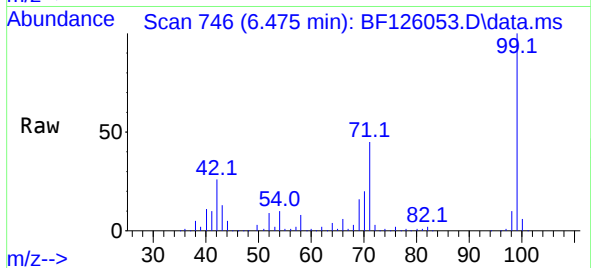
Tgt Ion:112 Resp: 368446
Ion Ratio Lower Upper
112 100
64 74.9 44.2 66.2#
63 41.4 26.2 39.2#





#7
Phenol-d6
Concen: 40.415 ng
RT: 6.475 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

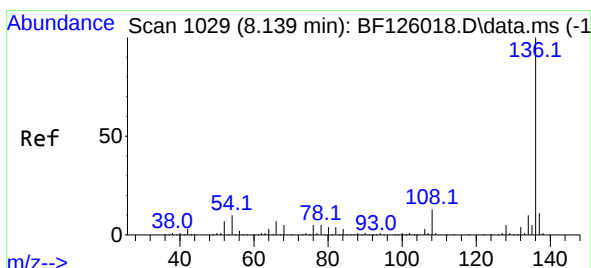
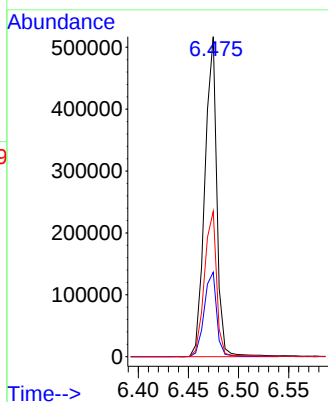
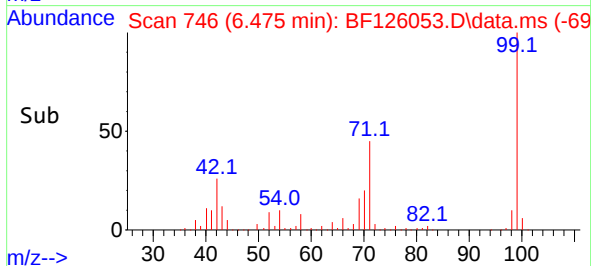
Instrument :
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ClientSampleId :
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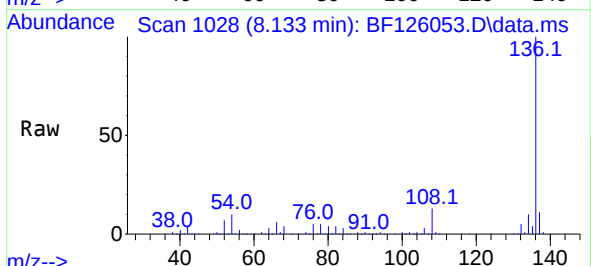
Tgt Ion: 99 Resp: 43334
Ion Ratio Lower Upper
99 100
42 26.4 23.5 35.3
71 45.4 25.6 38.4

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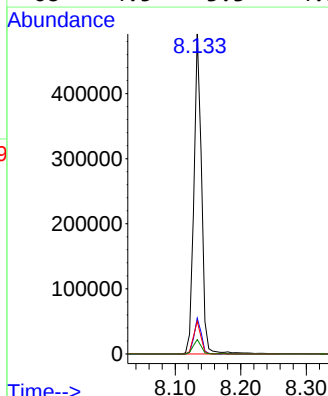
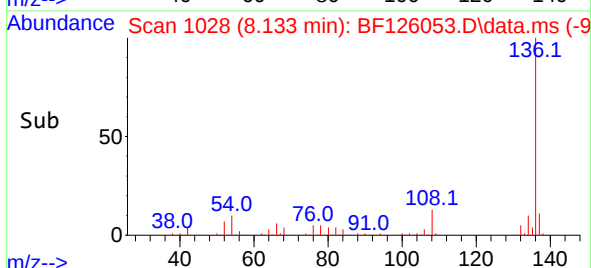
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07



Tgt Ion:136 Resp: 401530
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 10.2 6.4 9.6#
68 4.5 3.3 4.9





#23

Nitrobenzene-d5

Concen: 36.329 ng

RT: 7.410 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF126053.D

Acq: 4 Nov 2021 19:07

Instrument :

BNA_F

ClientSampleId :

SB01A

Tgt Ion: 82 Resp: 309310

Ion Ratio Lower Upper

82 100

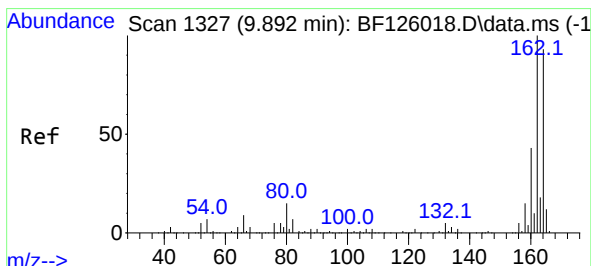
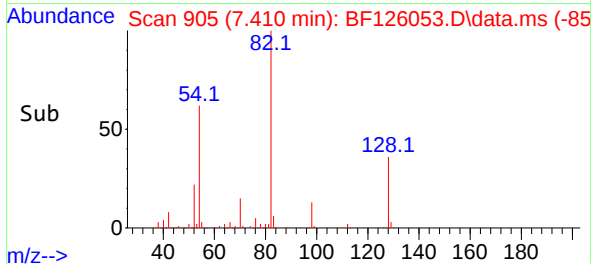
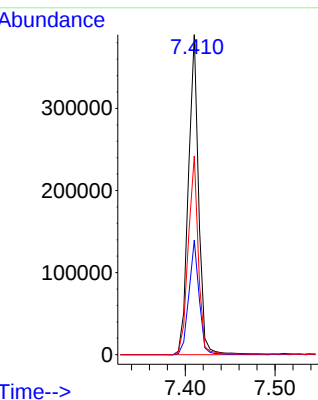
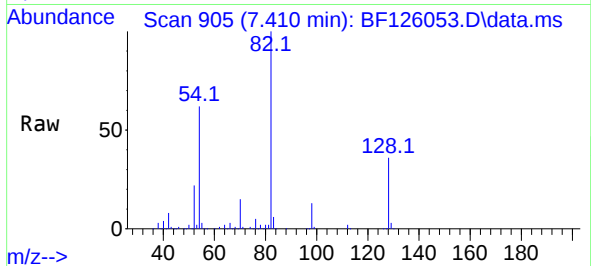
128 35.8 40.6 60.8

54 62.1 49.6 74.4

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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: BF126053.D

Acq: 4 Nov 2021 19:07

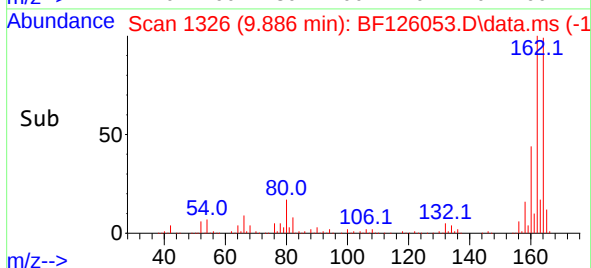
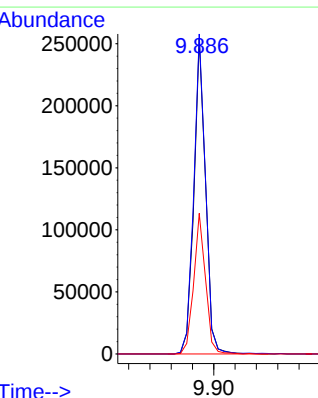
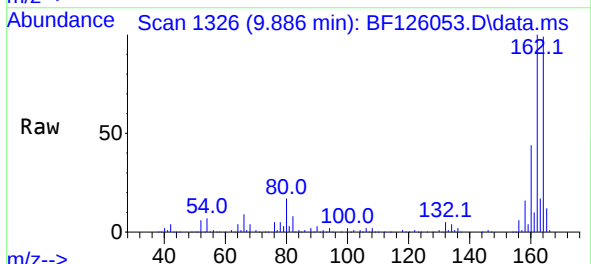
Tgt Ion:164 Resp: 193697

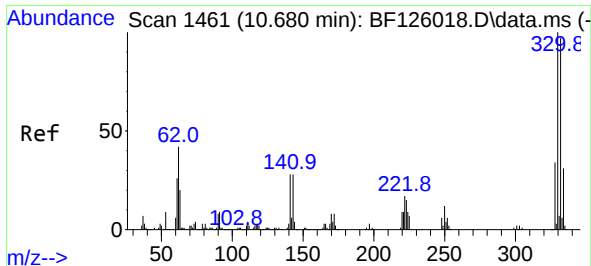
Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 44.6 38.0 57.0





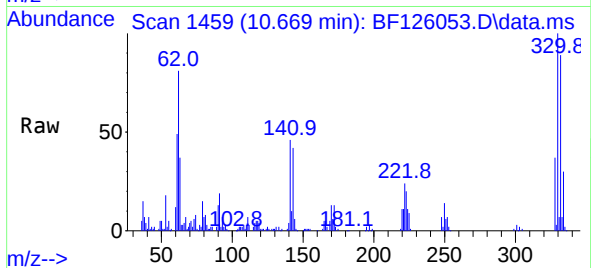
#42
2,4,6-Tribromophenol
Concen: 46.436 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Instrument :

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ClientSampleId :

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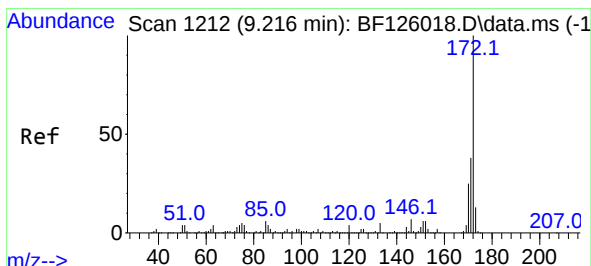
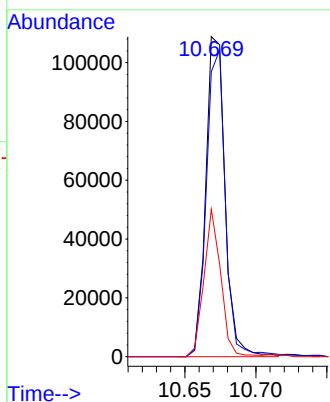
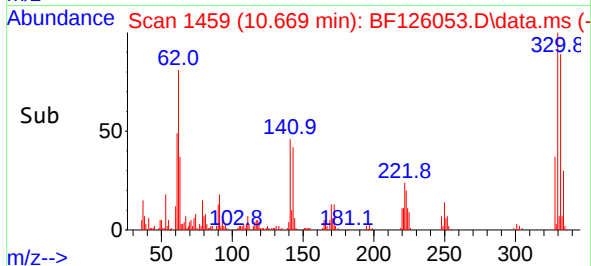


Tgt Ion:330 Resp: 103072
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 40.1 44.6 66.8

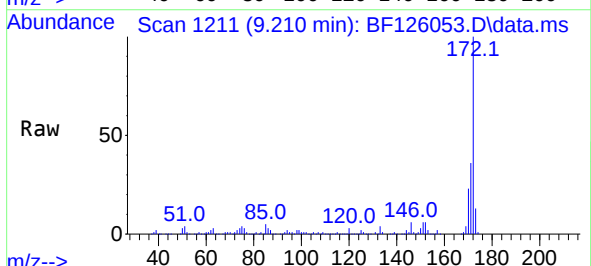
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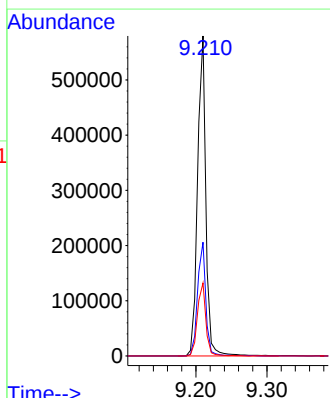
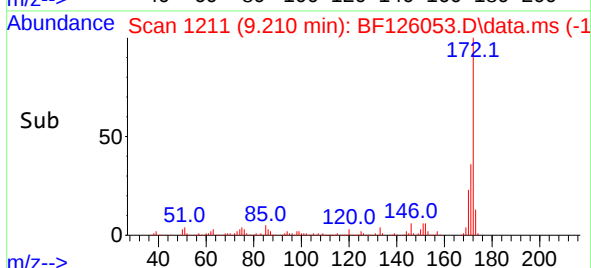
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#45
2-Fluorobiphenyl
Concen: 32.897 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07



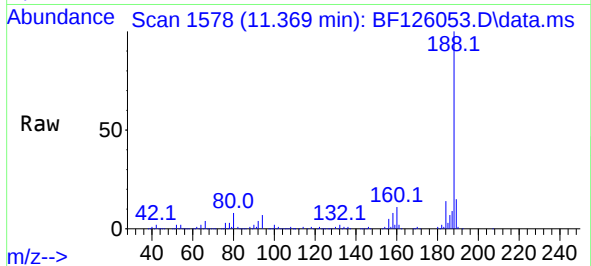
Tgt Ion:172 Resp: 471527
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 22.8 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

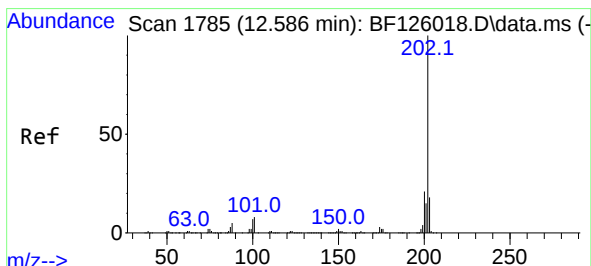
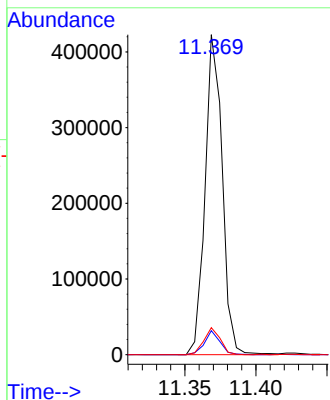
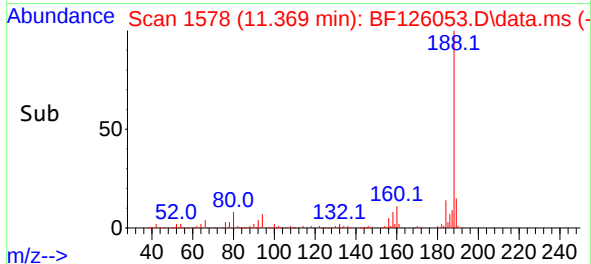
Instrument :
BNA_F
ClientSampleId :
SB01A



Tgt Ion:188 Resp: 356204
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.4 7.5 11.3

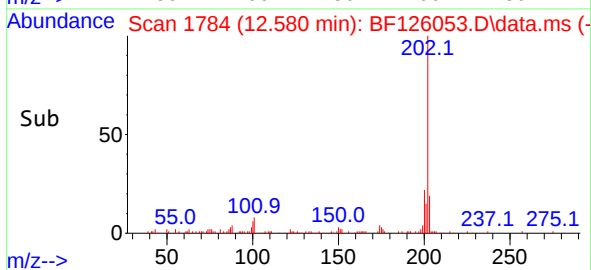
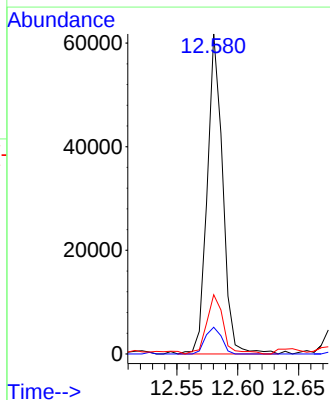
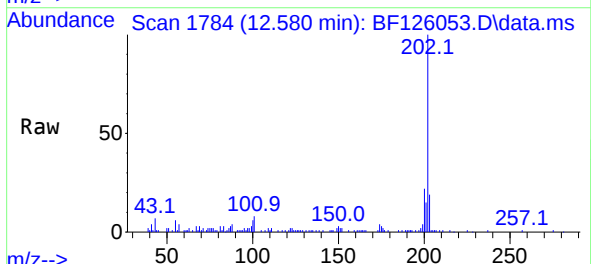
Manual Integrations
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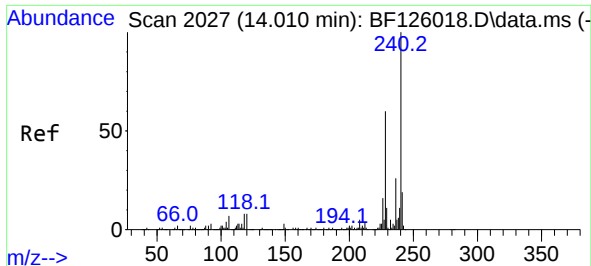
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#75
Fluoranthene
Concen: 2.540 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Tgt Ion:202 Resp: 54629
Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.7
203 18.5 0.0 36.3





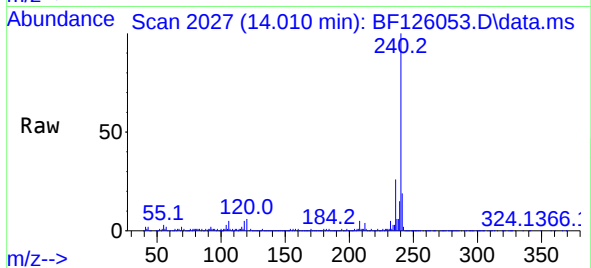
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Instrument :

BNA_F

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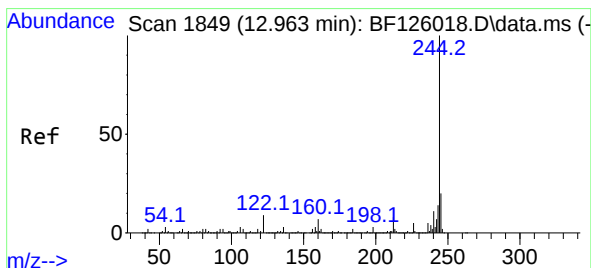
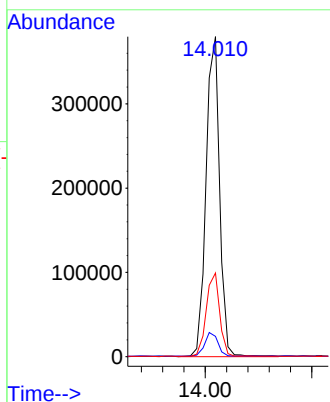
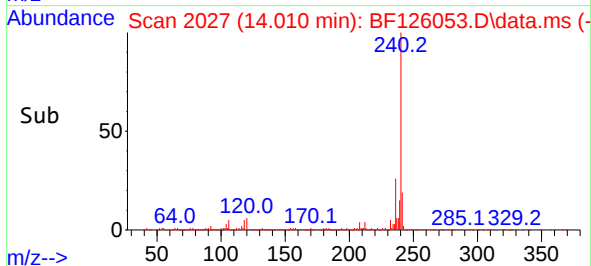


Tgt Ion:240 Resp: 336500
Ion Ratio Lower Upper
240 100
120 6.3 10.8 16.2
236 26.2 21.6 32.4

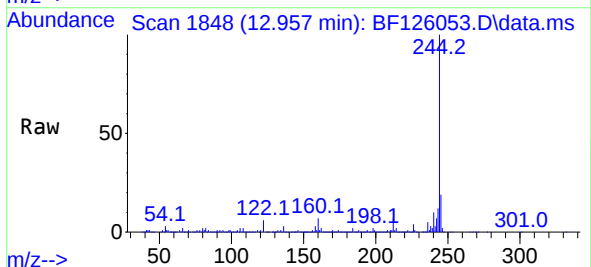
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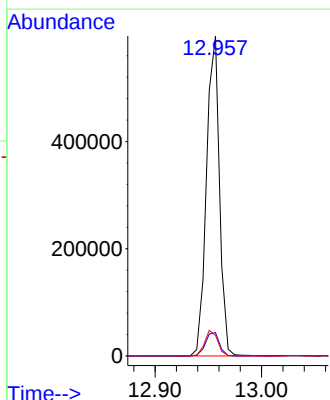
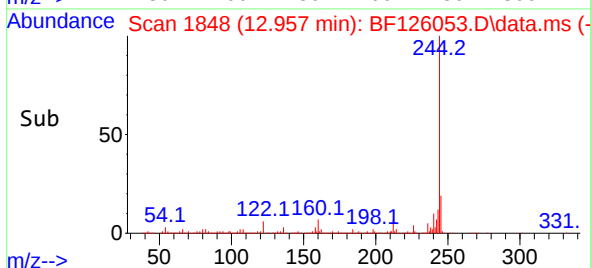
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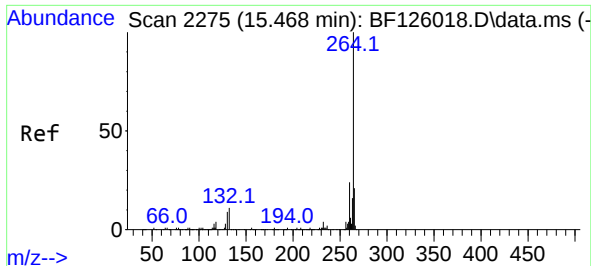


#79
Terphenyl-d14
Concen: 24.289 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07



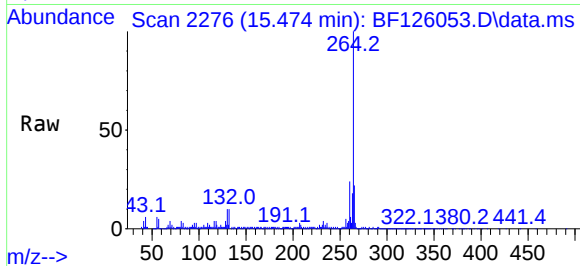
Tgt Ion:244 Resp: 506853
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 6.4 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

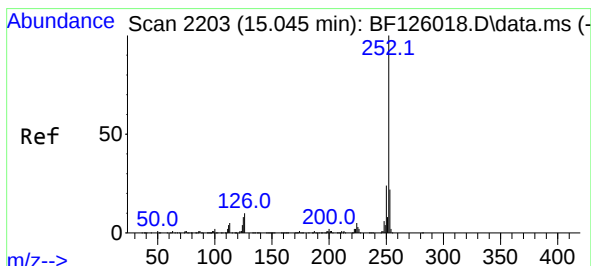
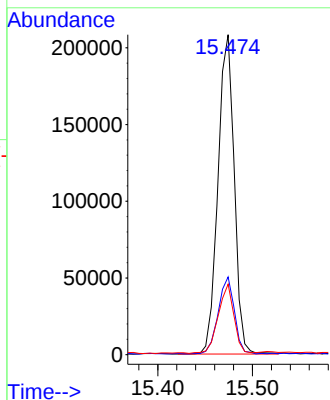
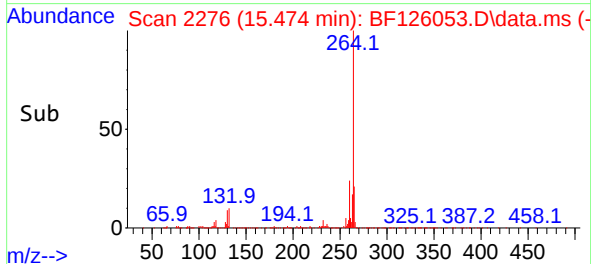
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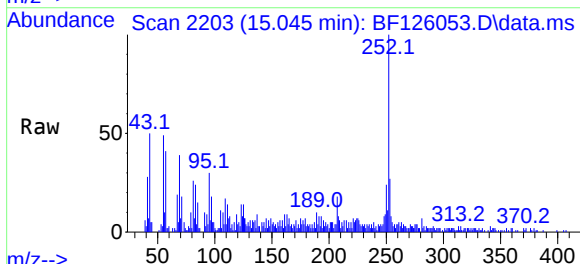
Tgt Ion:264 Resp: 248664
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.1 17.2 25.8

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Supervised By :mohammad ahmed 11/08/2021



#88
Benzo(b)fluoranthene
Concen: 2.316 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07



Tgt Ion:252 Resp: 37467
Ion Ratio Lower Upper
252 100
253 27.4 16.8 25.2#
125 14.0 9.8 14.8

