

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126049.D
 Acq On : 4 Nov 2021 17:00
 Operator : JU/CG
 Sample : M4500-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-8-110321

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 09:48:57 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	121241	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	392551	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	182786	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	305524	20.000	ng	0.00
76) Chrysene-d12	14.004	240	314496	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	240199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	640194	90.678	ng	0.00
7) Phenol-d6	6.475	99	779530	78.326	ng	-0.01
23) Nitrobenzene-d5	7.410	82	575500	69.139	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	171879	82.053	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	955536	70.644	ng	0.00
79) Terphenyl-d14	12.957	244	1014557	52.020	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	53871	3.251	ng	98
75) Fluoranthene	12.580	202	85374	4.627	ng	96
78) Pyrene	12.810	202	111010m	4.401	ng	
81) Benzo(a)anthracene	13.998	228	44298m	2.050	ng	
83) Chrysene	14.033	228	45907	2.284	ng	98
88) Benzo(b)fluoranthene	15.045	252	39983m	2.559	ng	
90) Benzo(a)pyrene	15.404	252	27790	2.258	ng	# 83

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

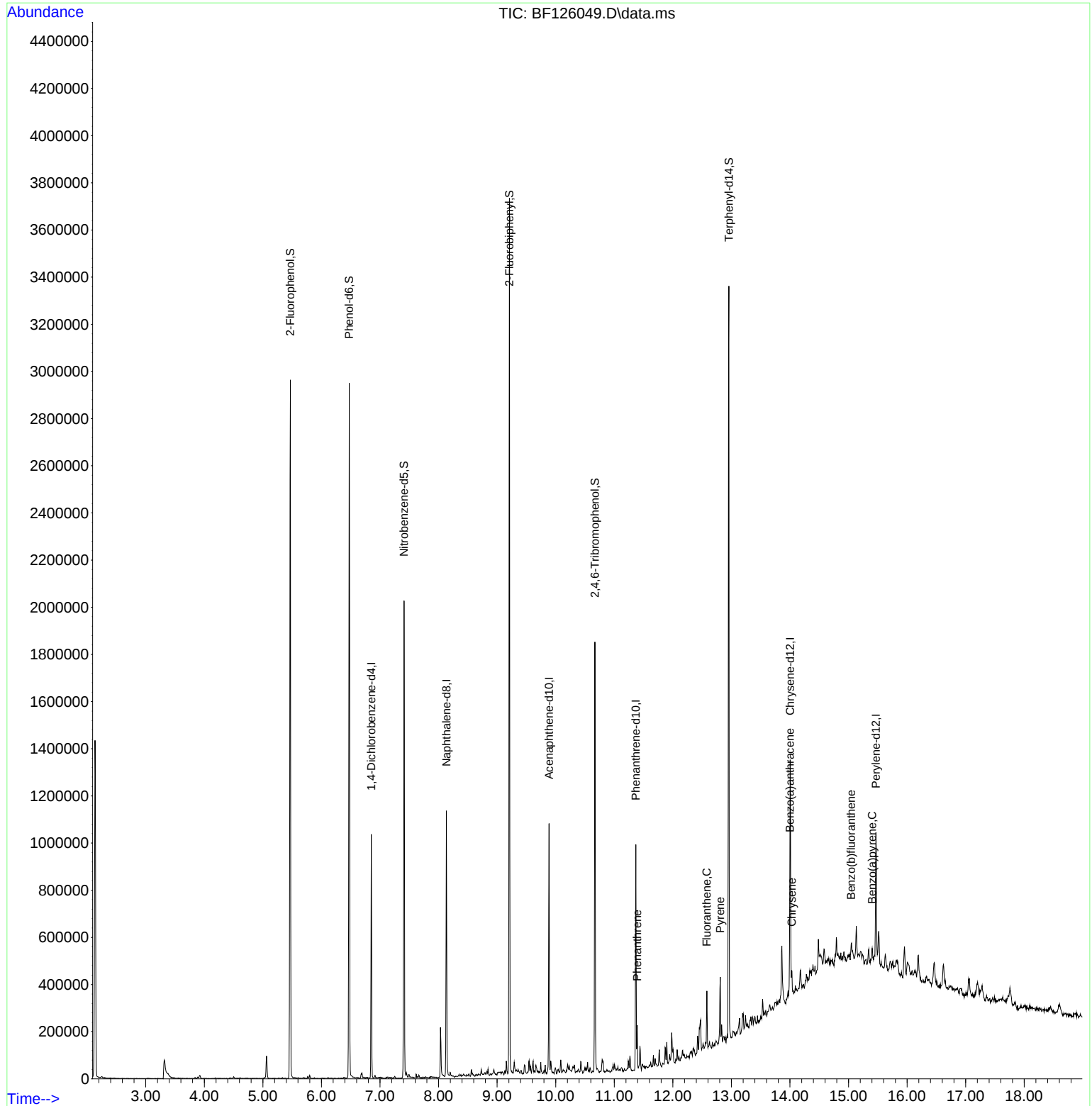
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126049.D
Acq On : 4 Nov 2021 17:00
Operator : JU/CG
Sample : M4500-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

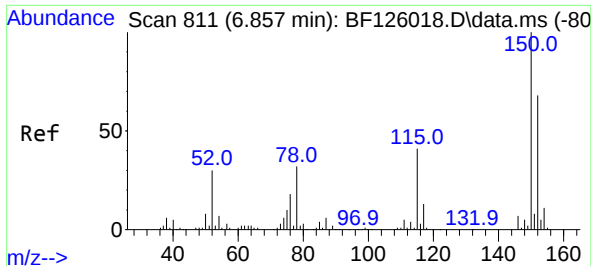
Instrument :
BNA_F
ClientSampleId :
TR-8-110321

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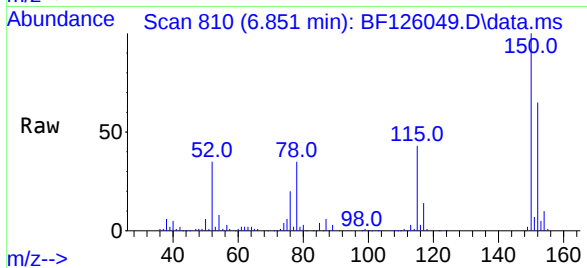
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

Instrument :

BNA_F

ClientSampleId :

TR-8-110321

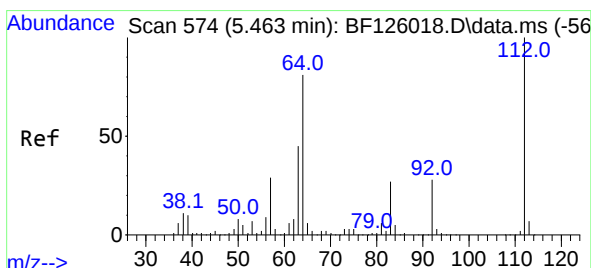
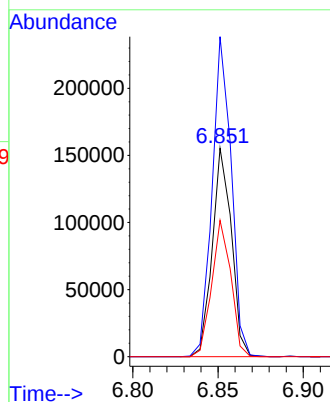
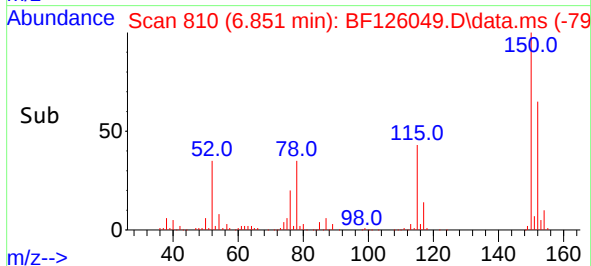


Tgt Ion:152 Resp: 12124
Ion Ratio Lower Upper
152 100
150 153.5 117.6 176.4
115 65.4 47.1 70.7

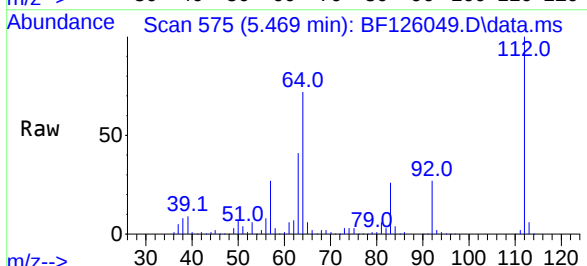
Manual Integrations

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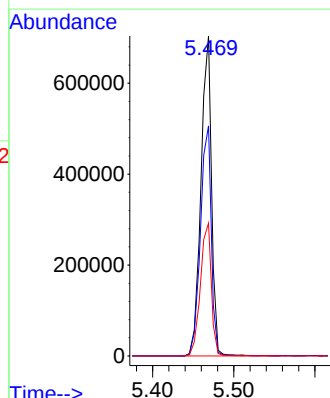
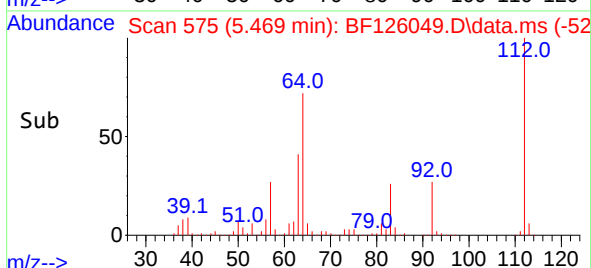
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

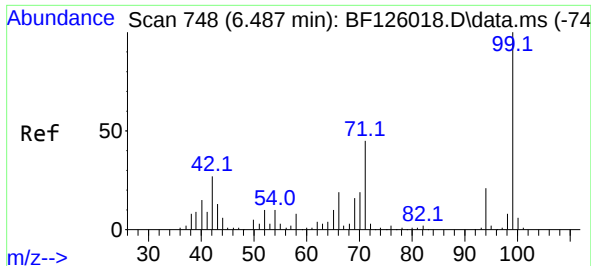


#5
2-Fluorophenol
Concen: 90.678 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00



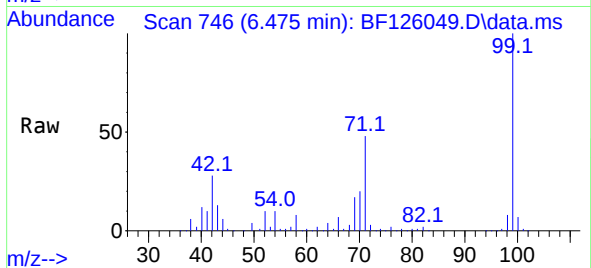
Tgt Ion:112 Resp: 640194
Ion Ratio Lower Upper
112 100
64 71.9 44.2 66.2#
63 41.5 26.2 39.2#





#7
Phenol-d6
Concen: 78.326 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

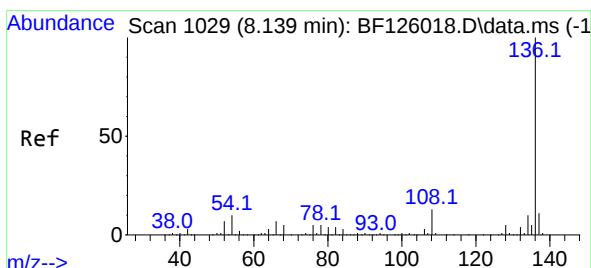
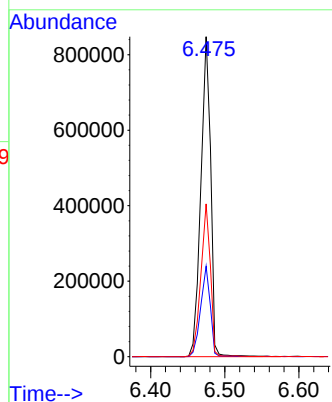
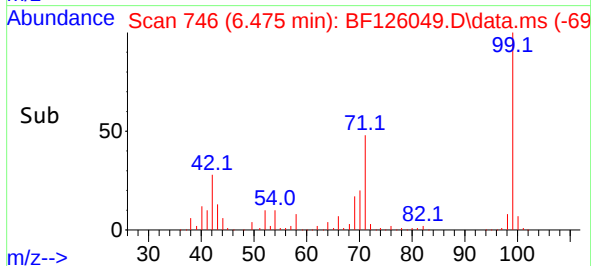
Instrument :
BNA_F
ClientSampleId :
TR-8-110321



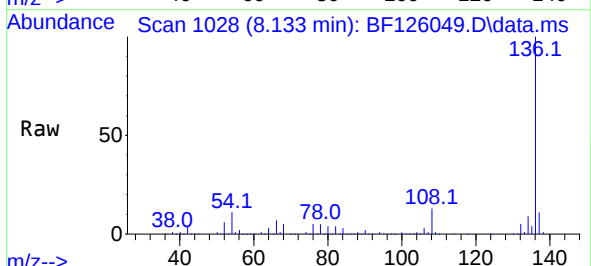
Tgt Ion: 99 Resp: 779530
Ion Ratio Lower Upper
99 100
42 28.2 23.5 35.3
71 47.8 25.6 38.4

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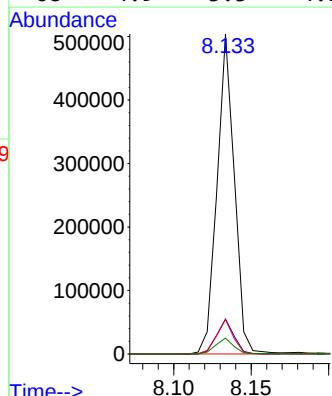
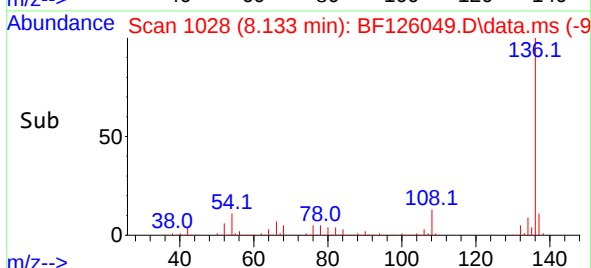
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

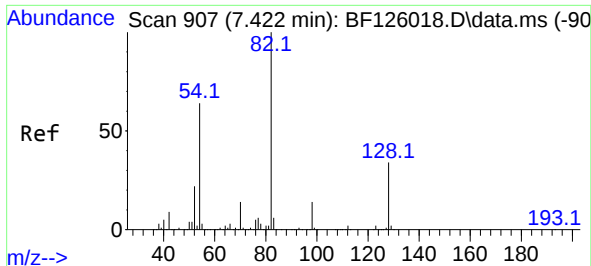


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00



Tgt Ion:136 Resp: 392551
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.8 6.4 9.6#
68 4.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 69.139 ng

RT: 7.410 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF126049.D

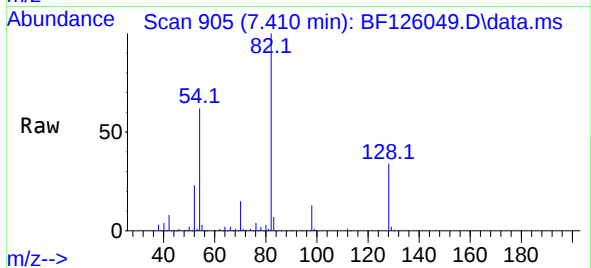
Acq: 4 Nov 2021 17:00

Instrument :

BNA_F

ClientSampleId :

TR-8-110321



Tgt Ion: 82 Resp: 575500

Ion Ratio Lower Upper

82 100

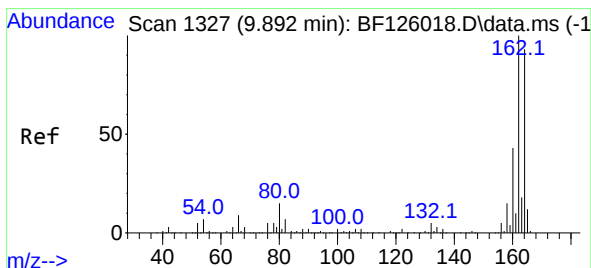
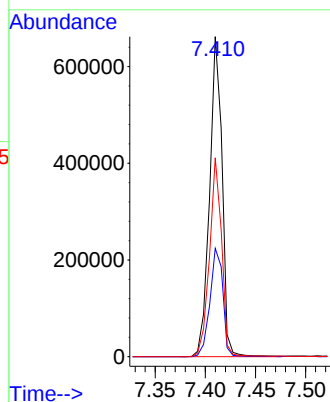
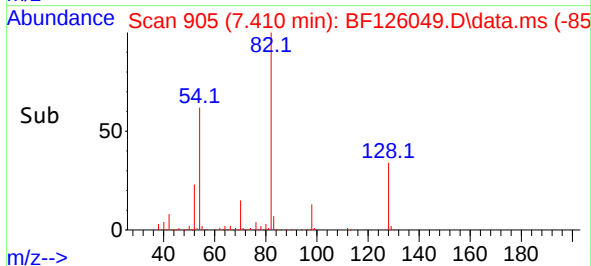
128 33.9 40.6 60.8

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: BF126049.D

Acq: 4 Nov 2021 17:00

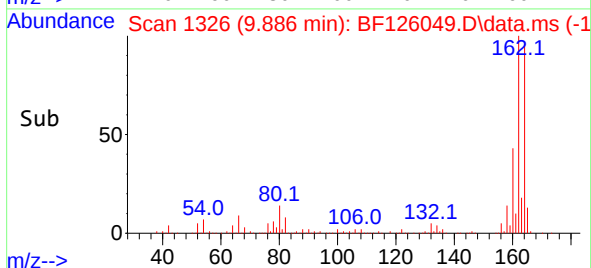
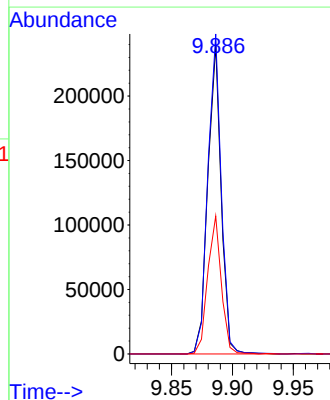
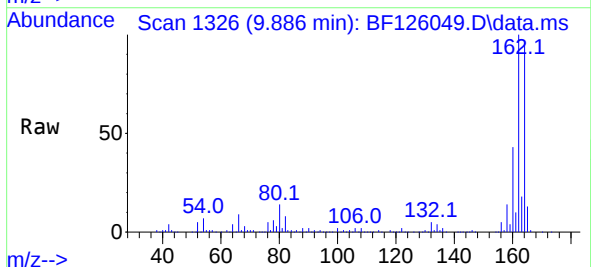
Tgt Ion:164 Resp: 182786

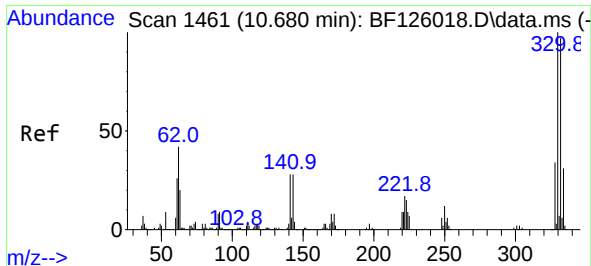
Ion Ratio Lower Upper

164 100

162 103.6 81.3 121.9

160 44.6 38.0 57.0





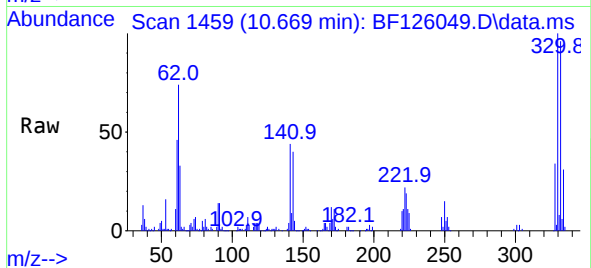
#42
2,4,6-Tribromophenol
Concen: 82.053 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

Instrument :

BNA_F

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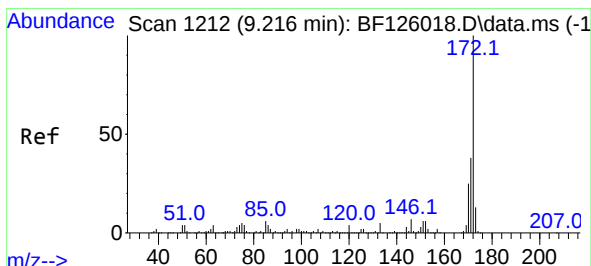
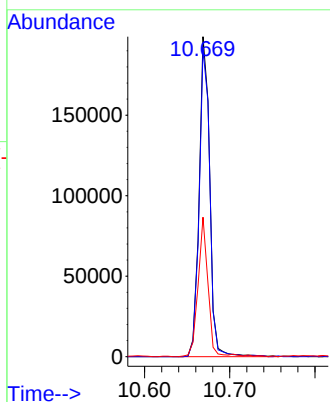
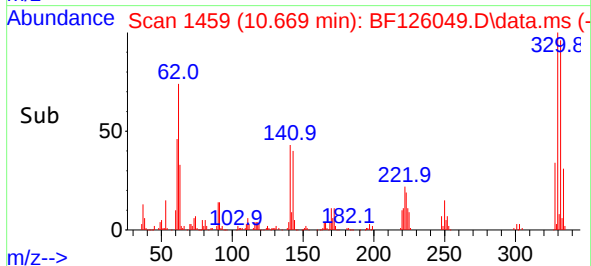


Tgt Ion:330 Resp: 171879
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 40.9 44.6 66.8

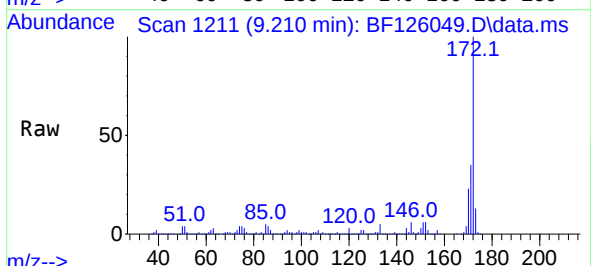
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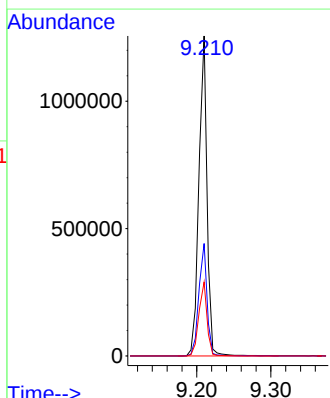
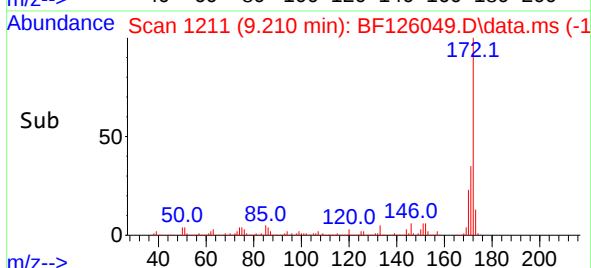
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#45
2-Fluorobiphenyl
Concen: 70.644 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00



Tgt Ion:172 Resp: 955536
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.1 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: BF126049.D
Acq: 4 Nov 2021 17:00

Instrument :

BNA_F

ClientSampleId :

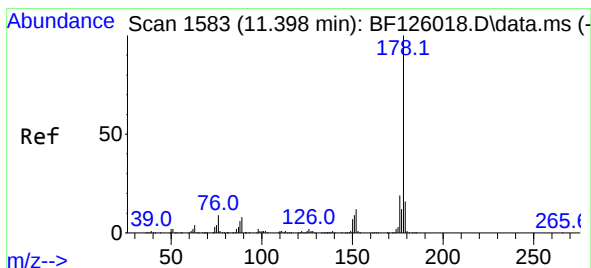
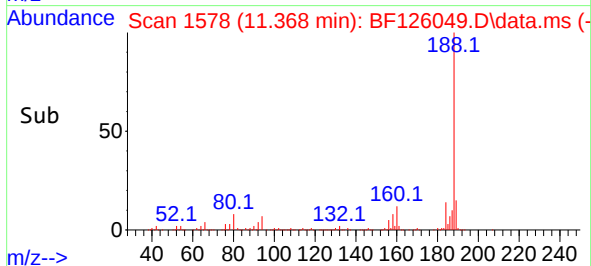
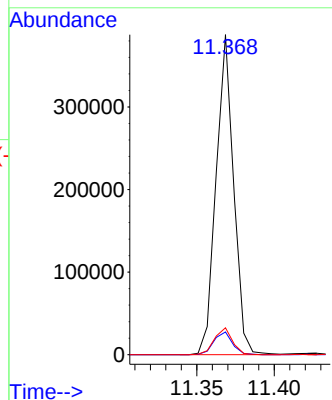
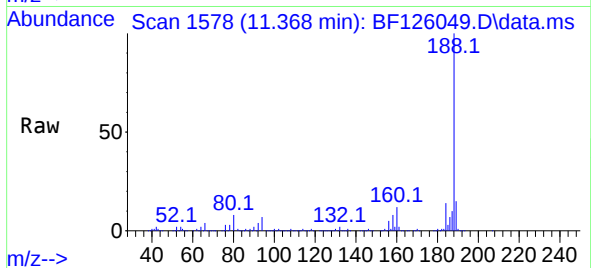
TR-8-110321

Tgt Ion:188 Resp: 305524
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.4 7.5 11.3

Manual Integrations

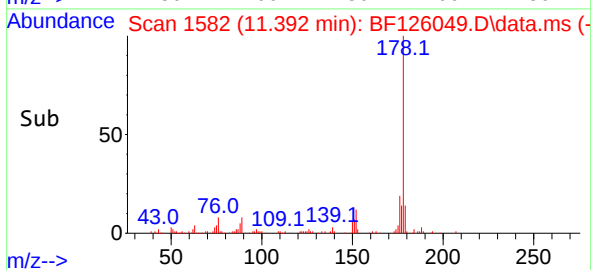
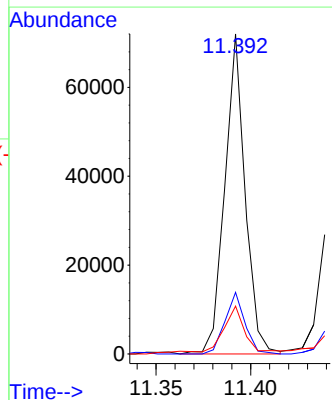
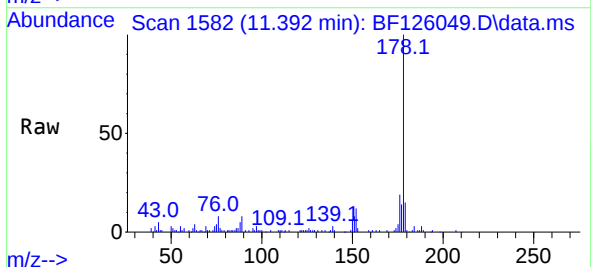
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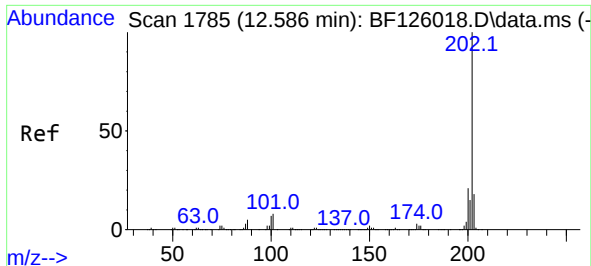
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#71
Phenanthrene
Concen: 3.251 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

Tgt Ion:178 Resp: 53871
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 15.0 11.5 17.3





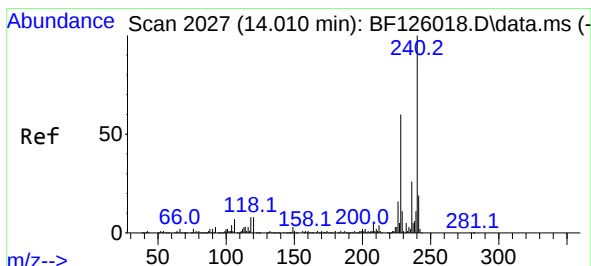
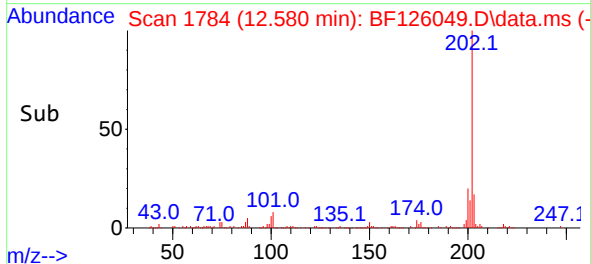
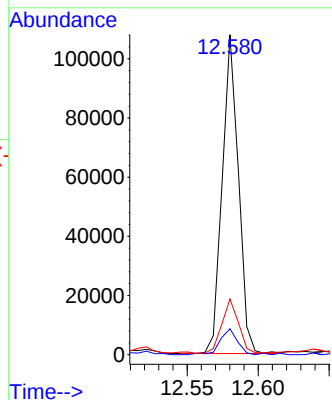
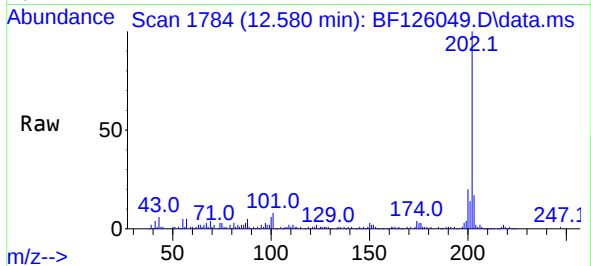
#75
Fluoranthene
Concen: 4.627 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

Instrument :
BNA_F
ClientSampleId :
TR-8-110321

Tgt Ion:202 Resp: 85374
Ion Ratio Lower Upper
202 100
101 8.1 0.0 30.7
203 17.4 0.0 36.3

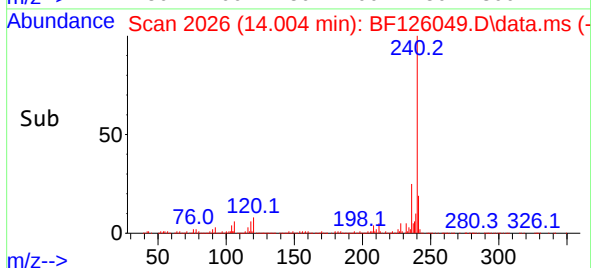
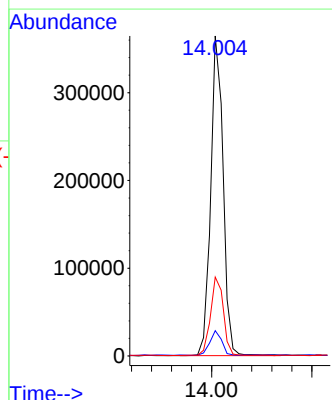
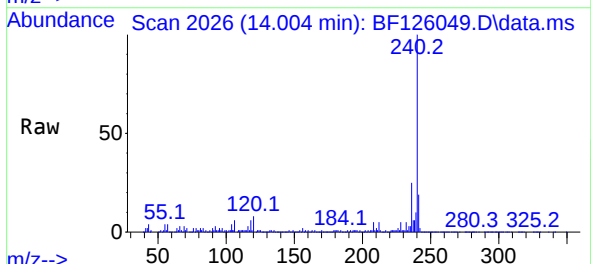
Manual Integrations
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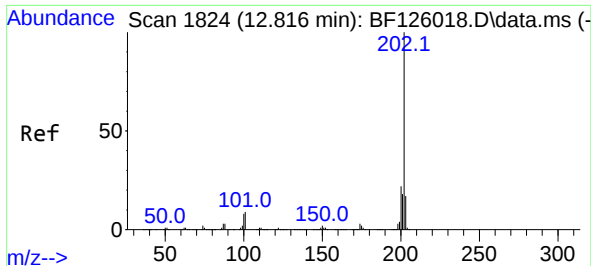
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

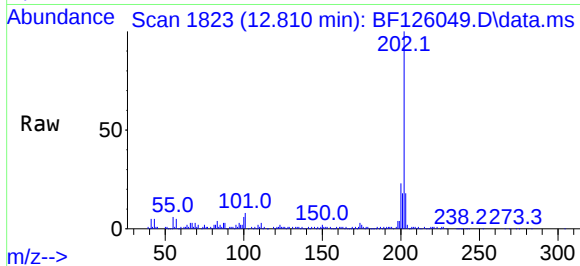
Tgt Ion:240 Resp: 314496
Ion Ratio Lower Upper
240 100
120 7.9 10.8 16.2#
236 24.6 21.6 32.4





#78
Pyrene
Concen: 4.401 ng m
RT: 12.810 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

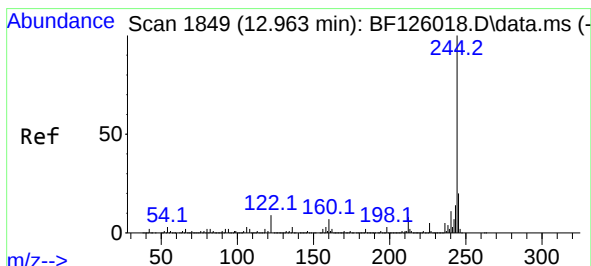
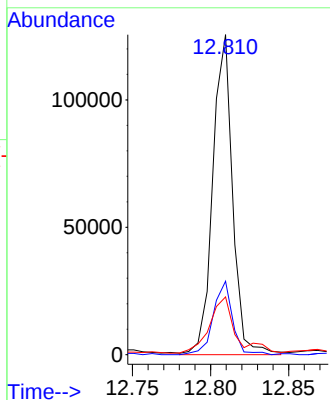
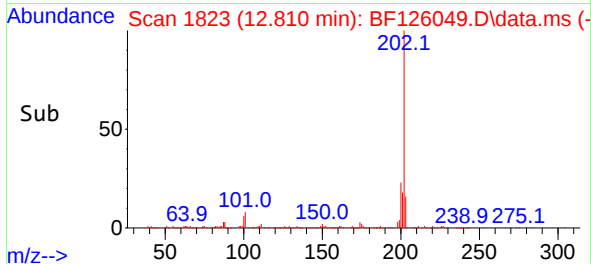
Instrument :
BNA_F
ClientSampleId :
TR-8-110321



Tgt Ion:202 Resp: 111010
Ion Ratio Lower Upper
202 100
200 22.9 15.3 22.9
203 18.0 13.4 20.0

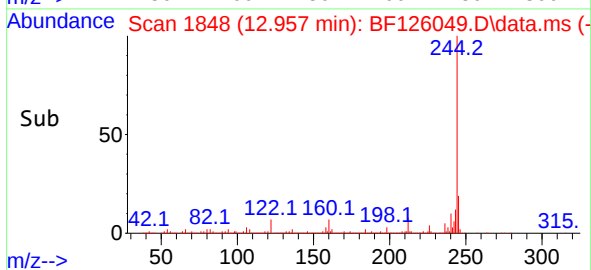
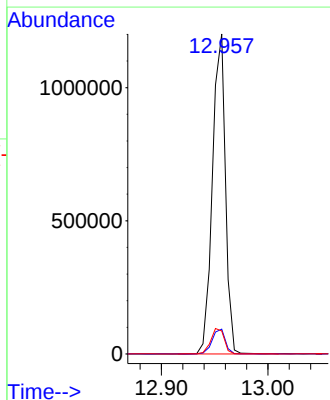
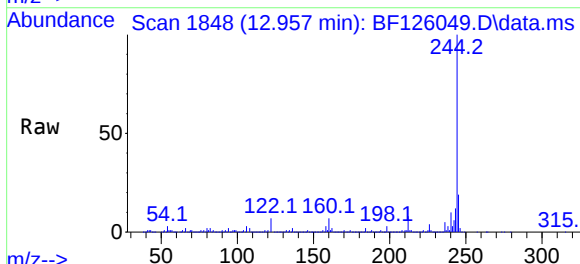
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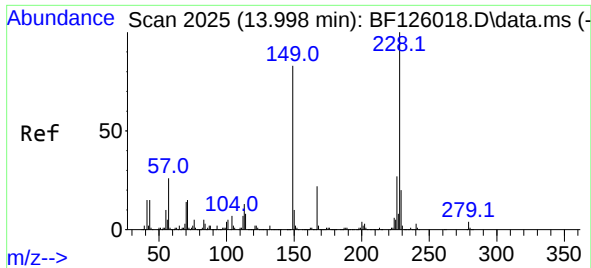
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#79
Terphenyl-d14
Concen: 52.020 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

Tgt Ion:244 Resp: 1014557
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 7.2 9.0 13.4





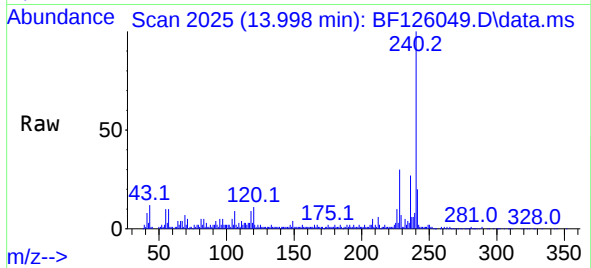
#81
Benzo(a)anthracene
Concen: 2.050 ng m
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

Instrument :

BNA_F

ClientSampleId :

TR-8-110321

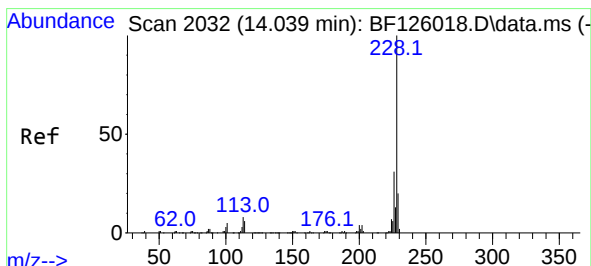
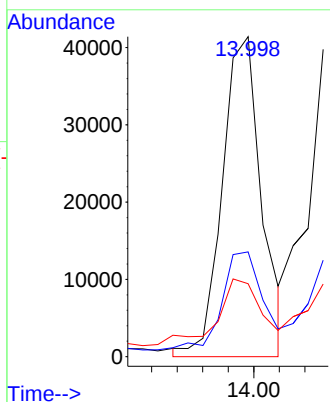
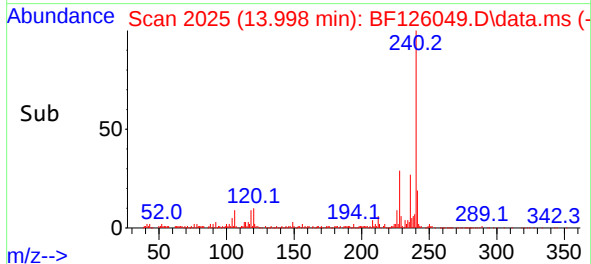


Tgt Ion:228 Resp: 44298
Ion Ratio Lower Upper
228 100
226 32.7 21.6 32.4
229 22.8 15.6 23.4

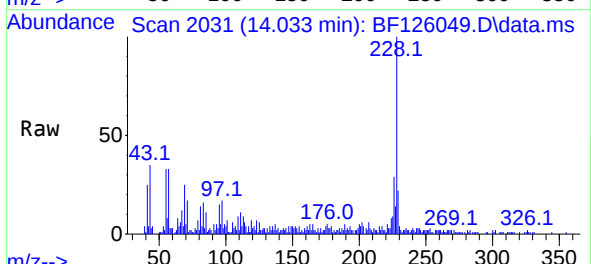
Manual Integrations

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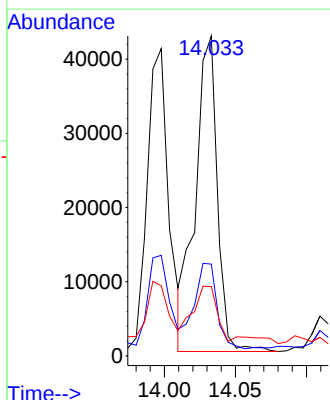
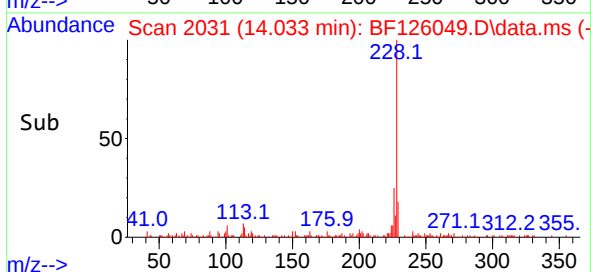
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

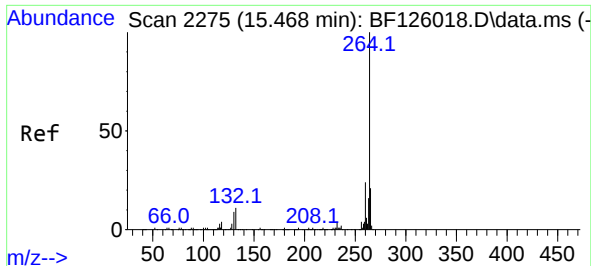


#83
Chrysene
Concen: 2.284 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00



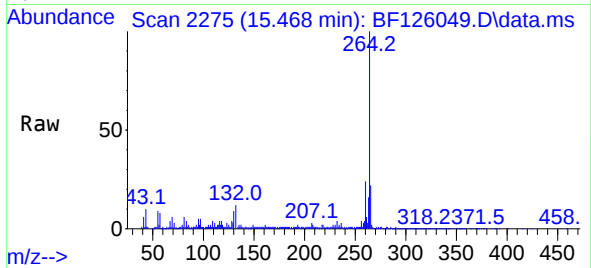
Tgt Ion:228 Resp: 45907
Ion Ratio Lower Upper
228 100
226 28.7 22.6 34.0
229 21.7 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

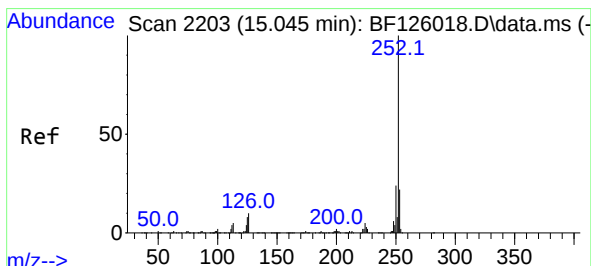
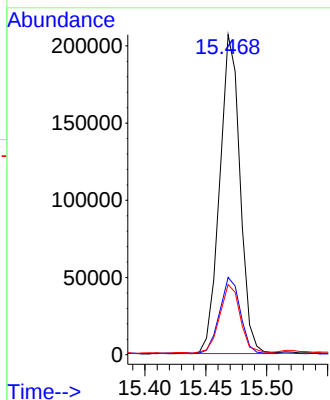
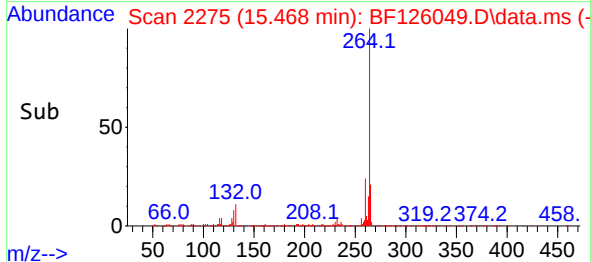
Instrument :
BNA_F
ClientSampleId :
TR-8-110321



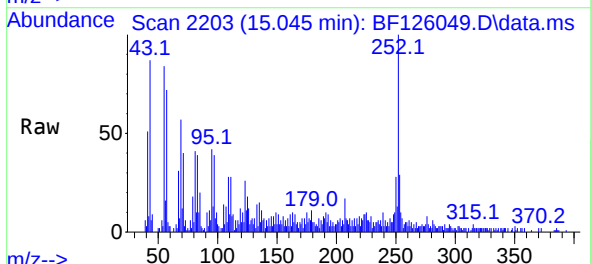
Tgt Ion:264 Resp: 240199
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.9 17.2 25.8

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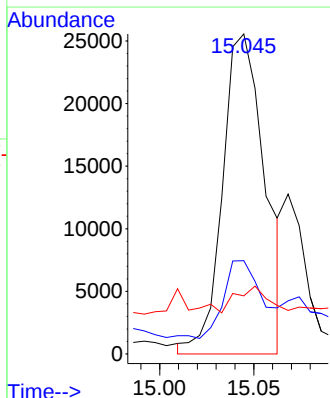
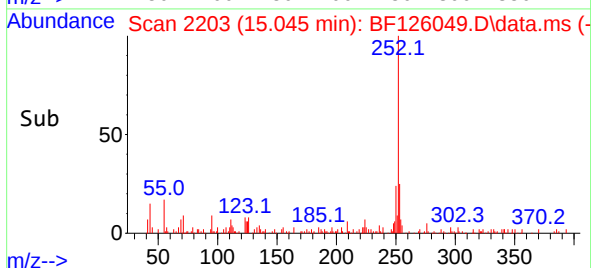
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

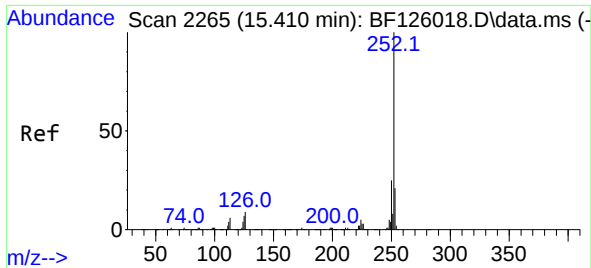


#88
Benzo(b)fluoranthene
Concen: 2.559 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00



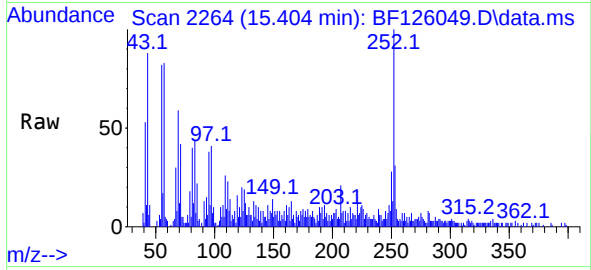
Tgt Ion:252 Resp: 39983
Ion Ratio Lower Upper
252 100
253 29.1 16.8 25.2#
125 18.2 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 2.258 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126049.D
Acq: 4 Nov 2021 17:00

Instrument :
BNA_F
ClientSampleId :
TR-8-110321



Tgt Ion:252 Resp: 27790

Ion	Ratio	Lower	Upper
252	100		
253	31.3	18.4	27.6
125	18.5	9.9	14.9

Manual Integrations
APPROVED

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

