

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126048.D
 Acq On : 4 Nov 2021 16:28
 Operator : JU/CG
 Sample : M4472-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-JS

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 09:48:19 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	257622	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	868994	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	422801	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	625182	20.000	ng	0.00
76) Chrysene-d12	14.009	240	613664	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	498832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	672520	44.829	ng	0.00
7) Phenol-d6	6.475	99	823017	38.918	ng	-0.01
23) Nitrobenzene-d5	7.410	82	615705	33.414	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	180728	37.300	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1041483	33.288	ng	0.00
79) Terphenyl-d14	12.951	244	906491	23.820	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	209585	6.182	ng	96
75) Fluoranthene	12.580	202	254627	6.744	ng	95
78) Pyrene	12.810	202	226219	4.597	ng	96
81) Benzo(a)anthracene	13.998	228	113253	2.686	ng	95
83) Chrysene	14.027	228	100311	2.557	ng	93
88) Benzo(b)fluoranthene	15.045	252	122341m	3.771	ng	
90) Benzo(a)pyrene	15.404	252	78177	3.058	ng	96

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

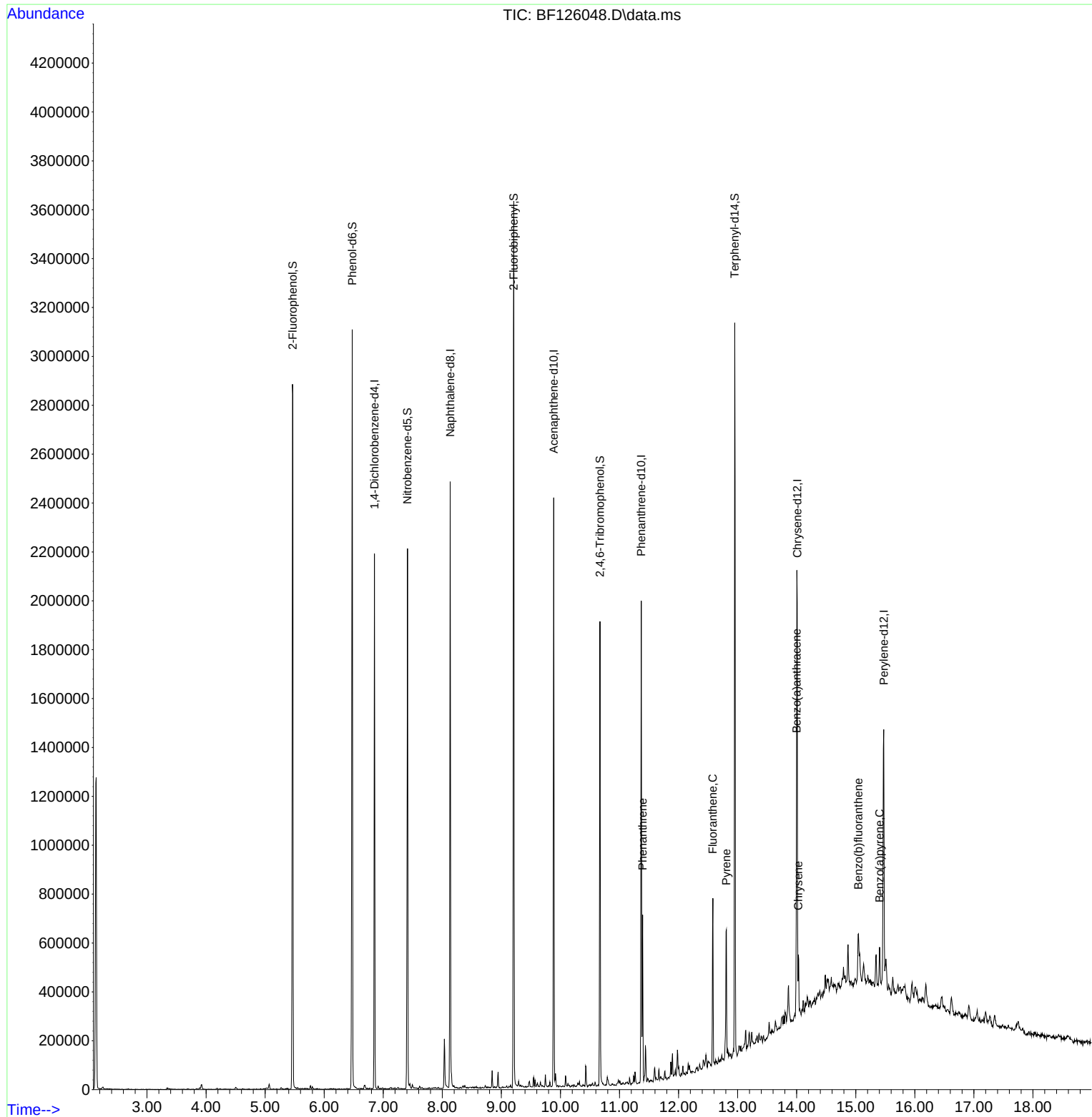
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126048.D
Acq On : 4 Nov 2021 16:28
Operator : JU/CG
Sample : M4472-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

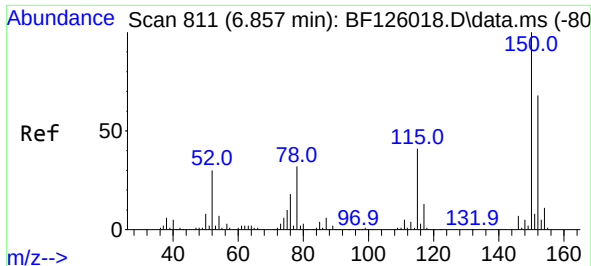
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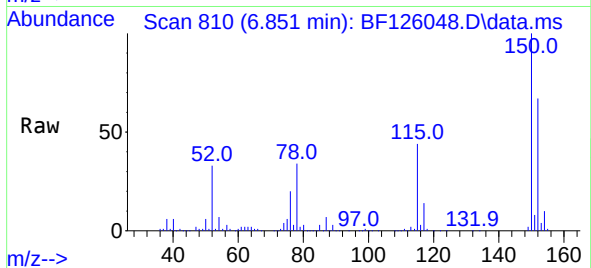
Quant Time: Nov 08 09:48:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

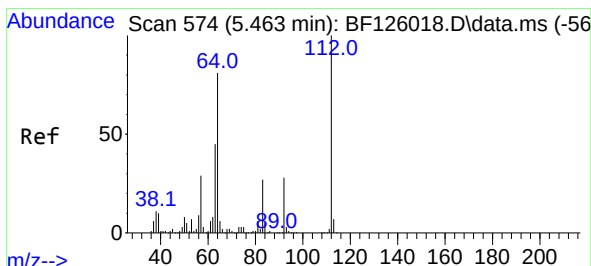
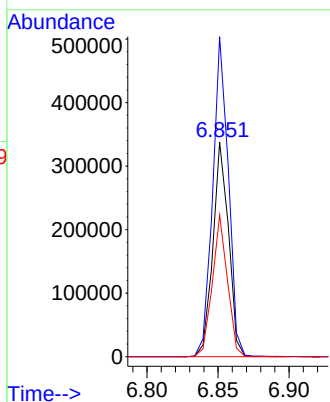
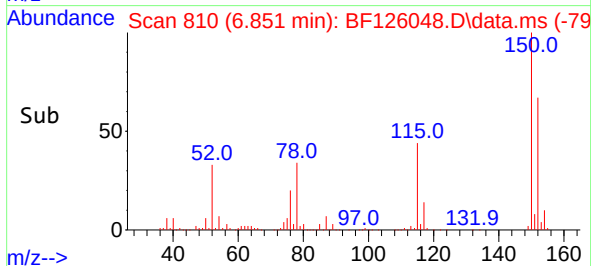
Instrument :
BNA_F
ClientSampleId :
WC-2-JS



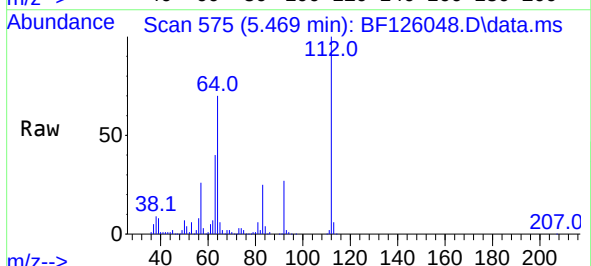
Tgt Ion:152 Resp: 25762
Ion Ratio Lower Upper
152 100
150 149.1 117.6 176.4
115 66.1 47.1 70.7

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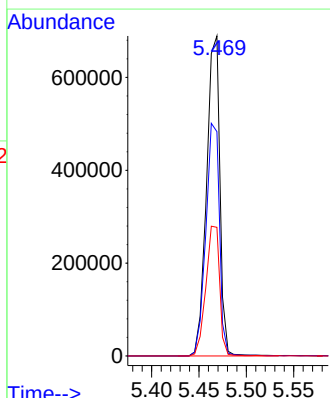
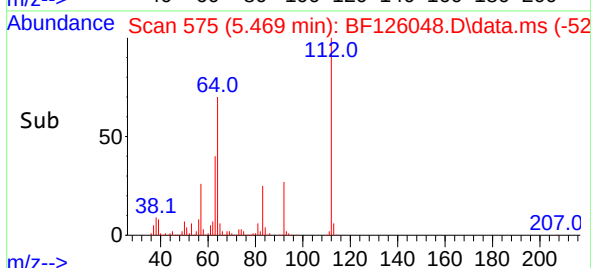
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

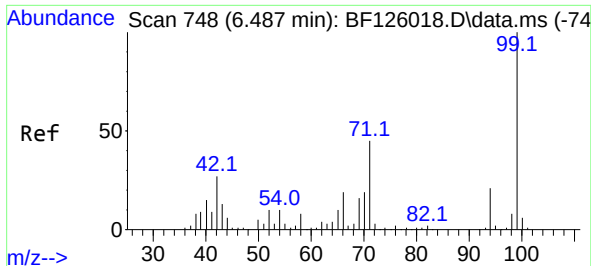


#5
2-Fluorophenol
Concen: 44.829 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28



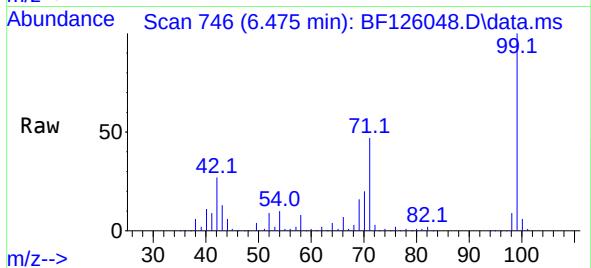
Tgt Ion:112 Resp: 672520
Ion Ratio Lower Upper
112 100
64 70.1 44.2 66.2#
63 40.2 26.2 39.2#





#7
Phenol-d6
Concen: 38.918 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

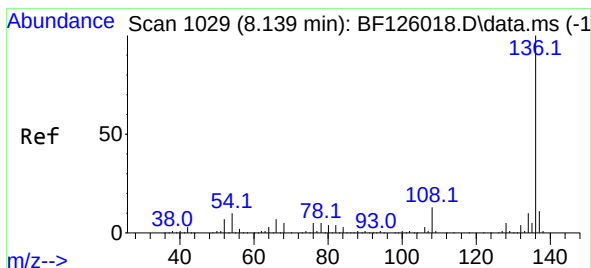
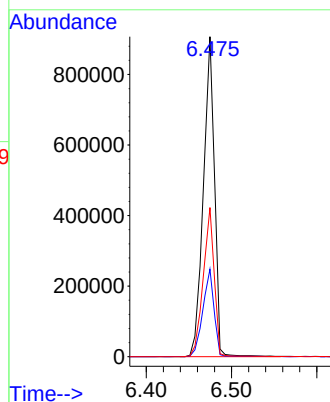
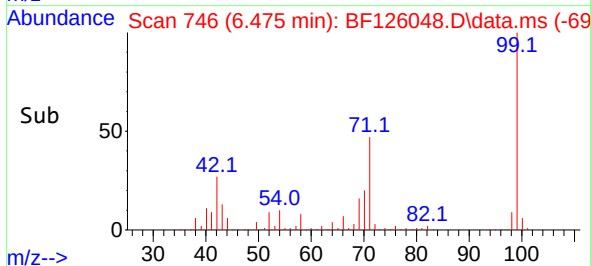
Instrument :
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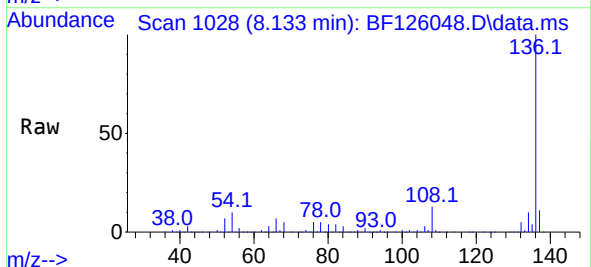
Tgt Ion: 99 Resp: 82301
Ion Ratio Lower Upper
99 100
42 27.3 23.5 35.3
71 46.6 25.6 38.4

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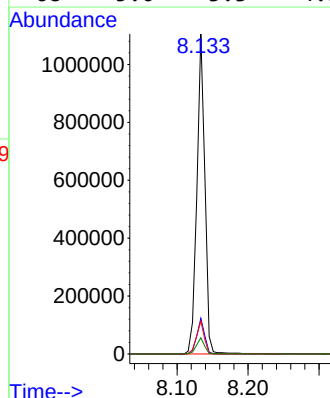
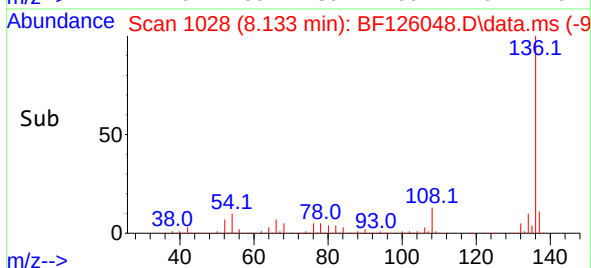
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

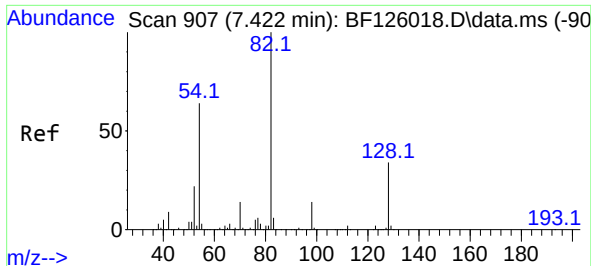


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28



Tgt Ion:136 Resp: 868994
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 10.2 6.4 9.6#
68 5.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 33.414 ng

RT: 7.410 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF126048.D

Acq: 4 Nov 2021 16:28

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 61570

Ion Ratio Lower Upper

82 100

128 34.2 40.6 60.8

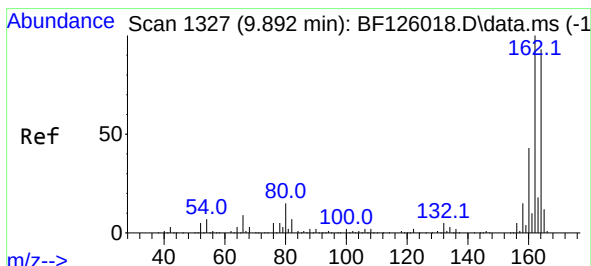
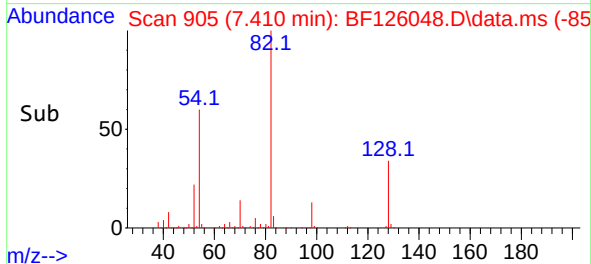
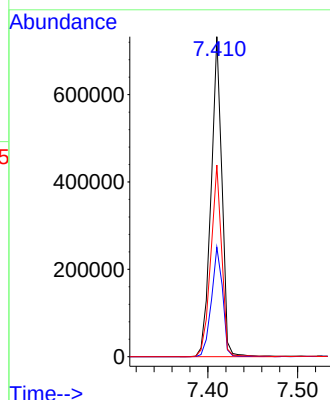
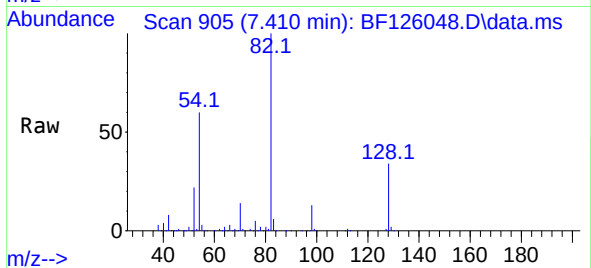
54 59.9 49.6 74.4

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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: BF126048.D

Acq: 4 Nov 2021 16:28

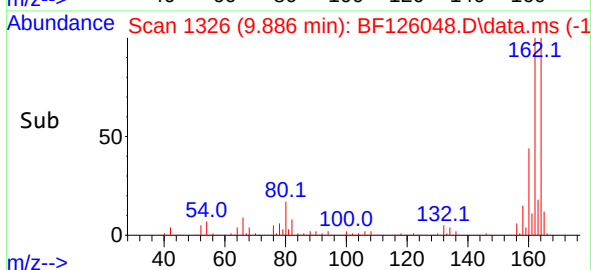
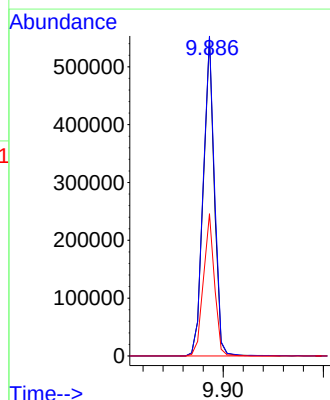
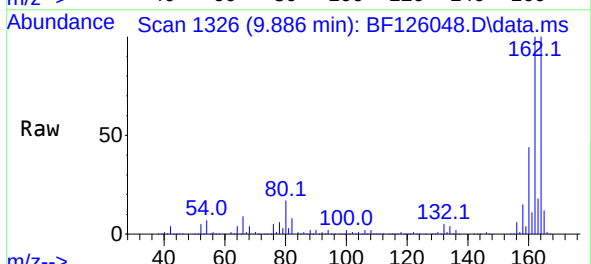
Tgt Ion:164 Resp: 422801

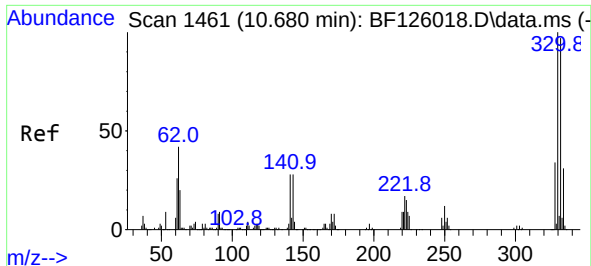
Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

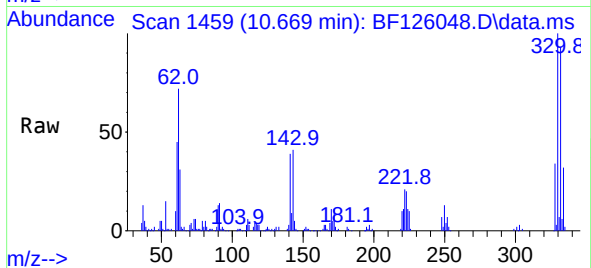
160 44.6 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 37.300 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

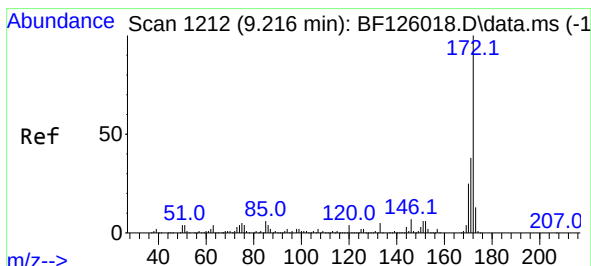
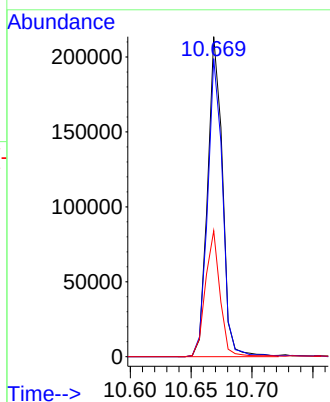
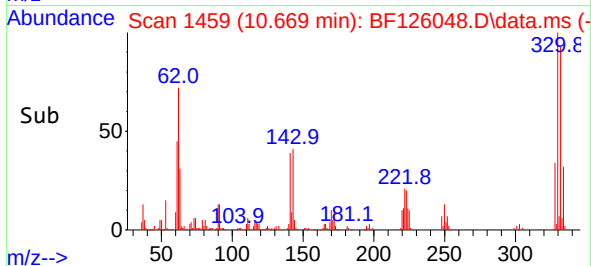
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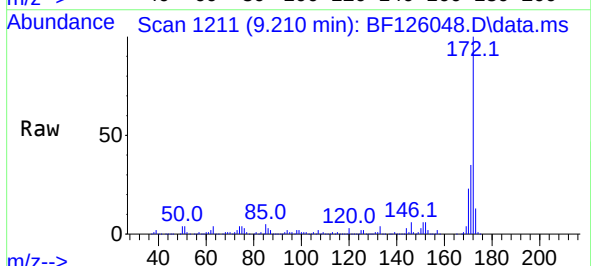
Tgt Ion: 330 Resp: 180728
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 39.1 44.6 66.8

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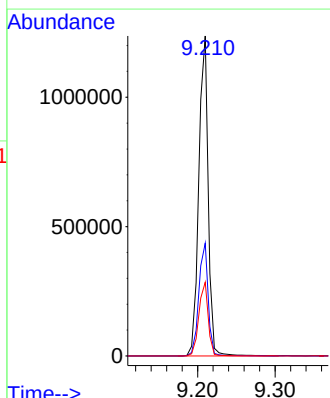
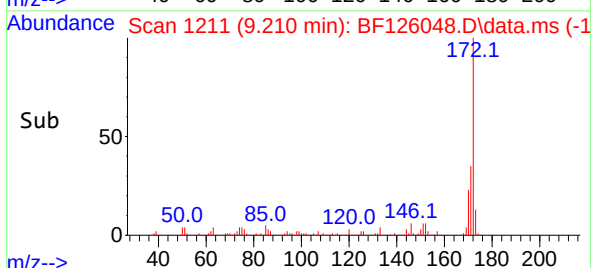
Reviewed By : Jagrut Upadhyay 11/08/2021
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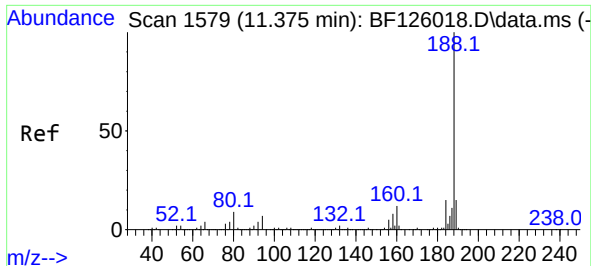


#45
2-Fluorobiphenyl
Concen: 33.288 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28



Tgt Ion: 172 Resp: 1041483
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.0 18.8 28.2





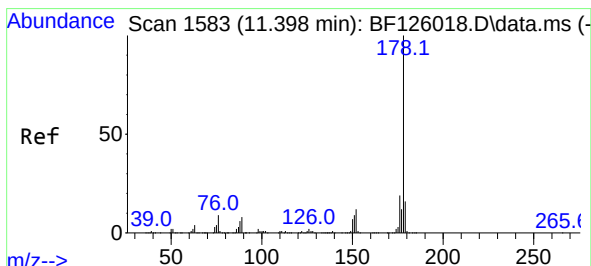
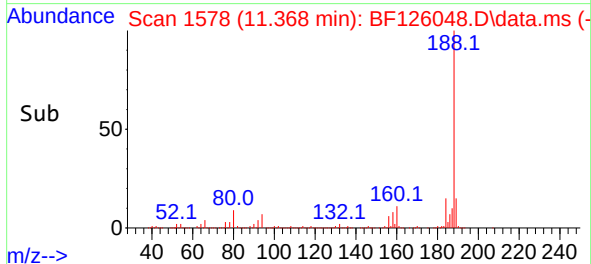
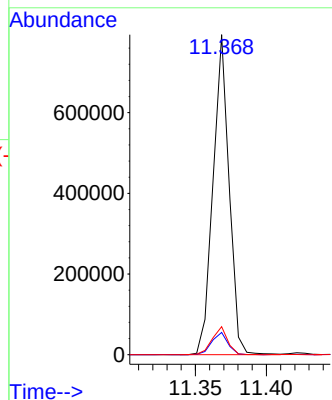
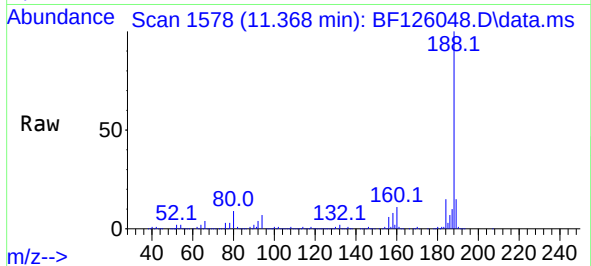
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.007 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

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ClientSampleId :
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Tgt Ion:188 Resp: 62518
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 8.7 7.5 11.3

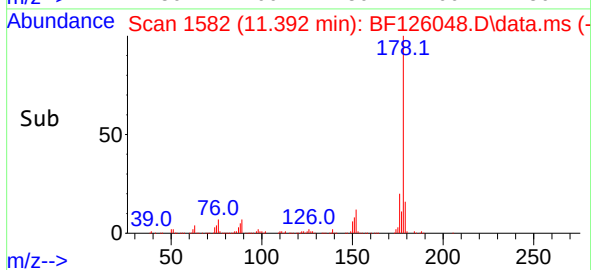
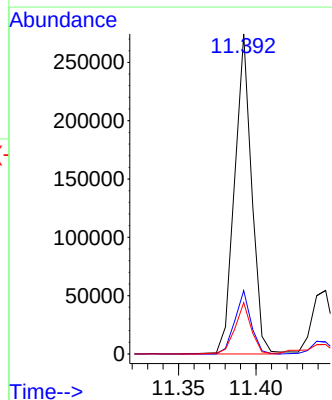
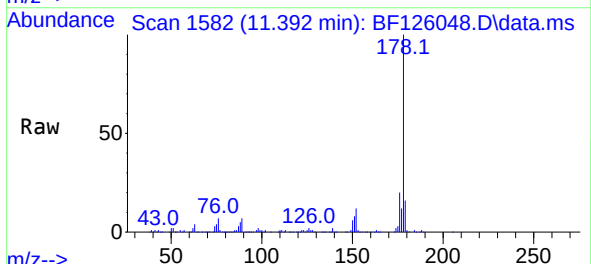
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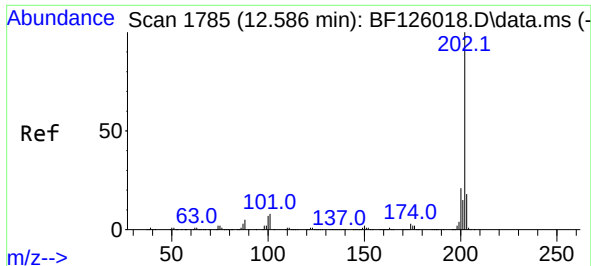
Reviewed By :Jagrut Upadhyay 11/08/2021
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#71
Phenanthrene
Concen: 6.182 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

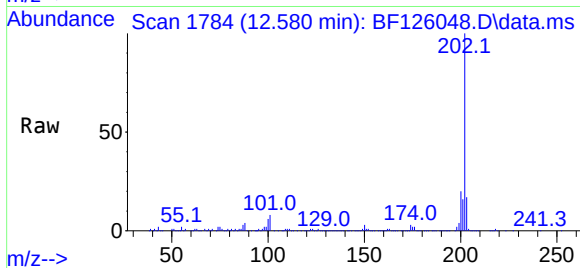
Tgt Ion:178 Resp: 209585
Ion Ratio Lower Upper
178 100
176 19.8 14.7 22.1
179 16.1 11.5 17.3





#75
Fluoranthene
Concen: 6.744 ng
RT: 12.580 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

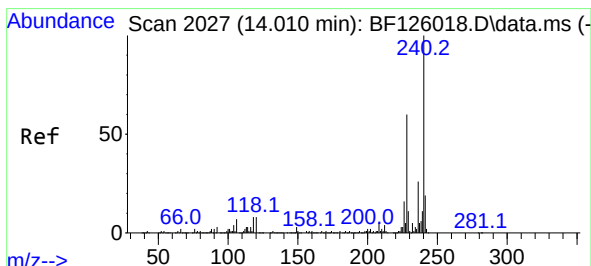
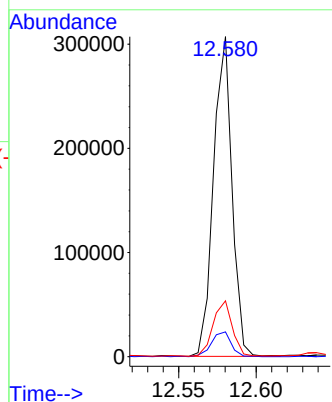
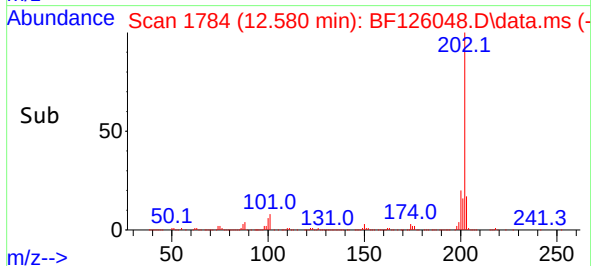
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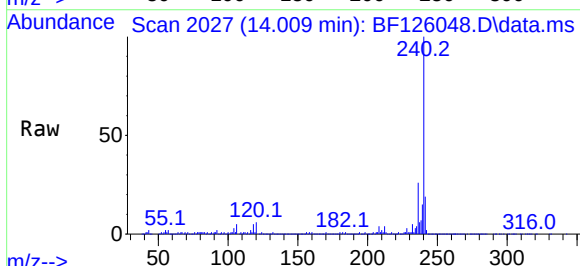
Tgt Ion:202 Resp: 25462
Ion Ratio Lower Upper
202 100
101 7.8 0.0 30.7
203 17.5 0.0 36.3

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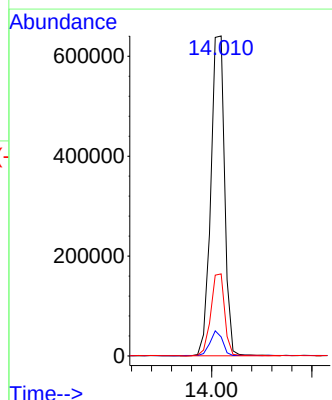
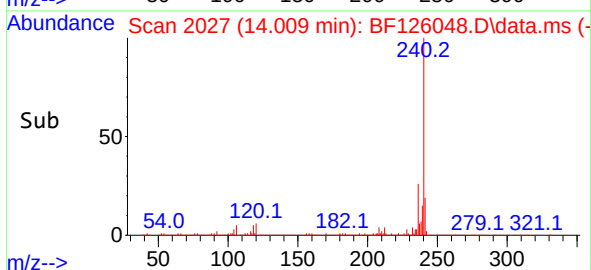
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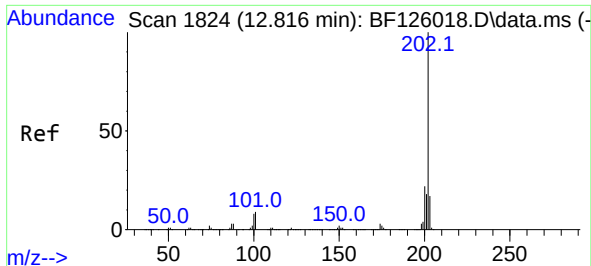


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28



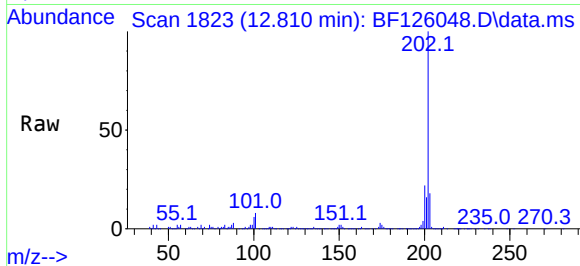
Tgt Ion:240 Resp: 613664
Ion Ratio Lower Upper
240 100
120 5.9 10.8 16.2#
236 25.6 21.6 32.4





#78
Pyrene
Concen: 4.597 ng
RT: 12.810 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

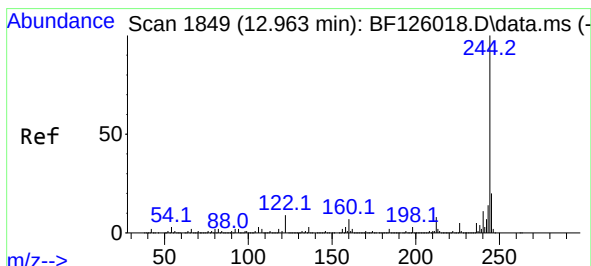
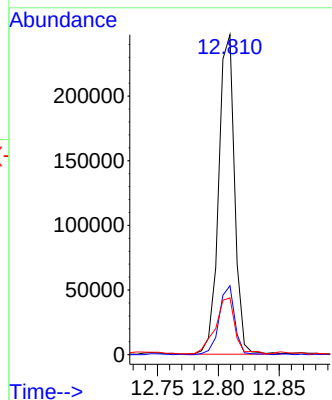
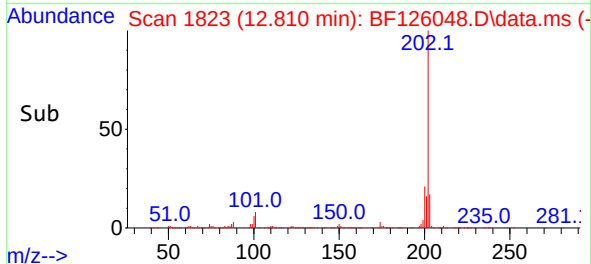
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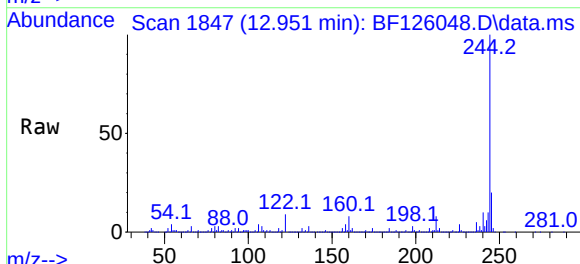
Tgt Ion:202 Resp: 226219
Ion Ratio Lower Upper
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200 21.6 15.3 22.9
203 17.7 13.4 20.0

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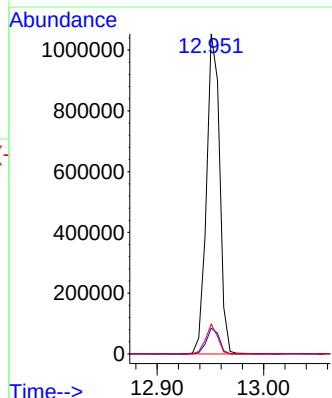
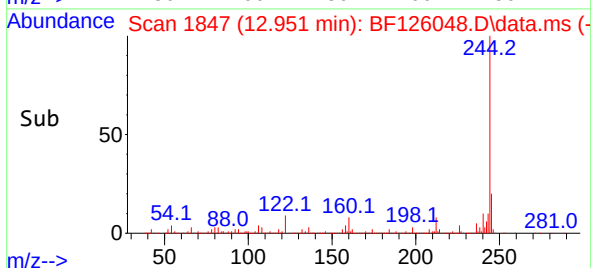
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

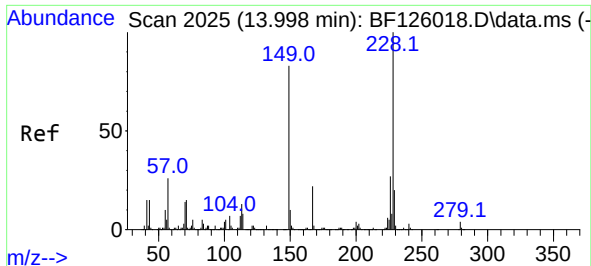


#79
Terphenyl-d14
Concen: 23.820 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28



Tgt Ion:244 Resp: 906491
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 9.4 9.0 13.4





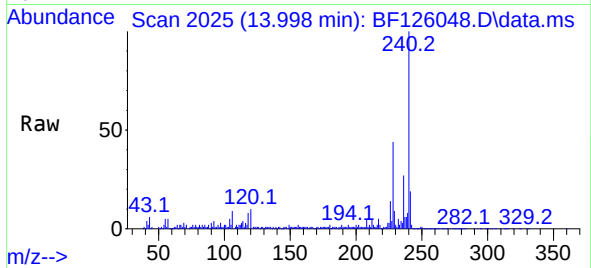
#81
Benzo(a)anthracene
Concen: 2.686 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Instrument :

BNA_F

ClientSampleId :

WC-2-JS

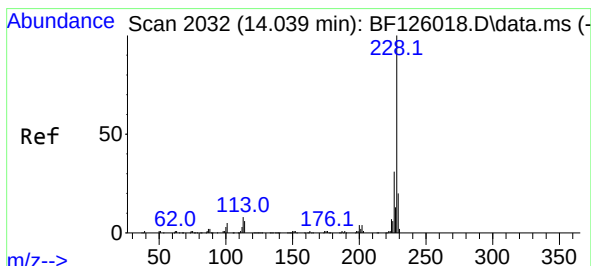
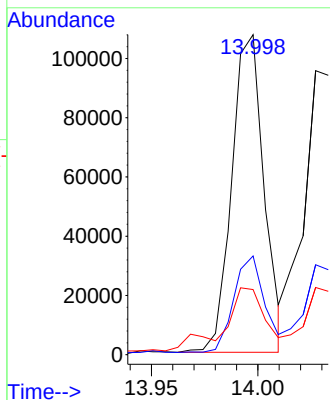
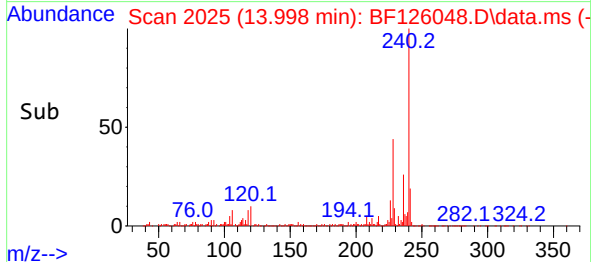


Tgt Ion:228 Resp: 11325
Ion Ratio Lower Upper
228 100
226 30.9 21.6 32.4
229 20.3 15.6 23.4

Manual Integrations

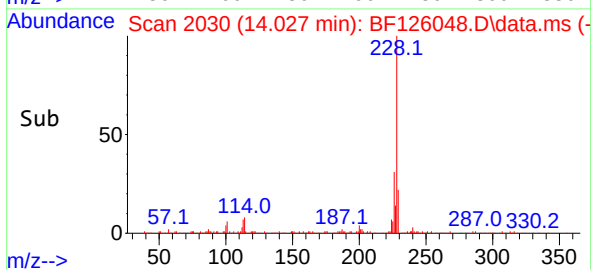
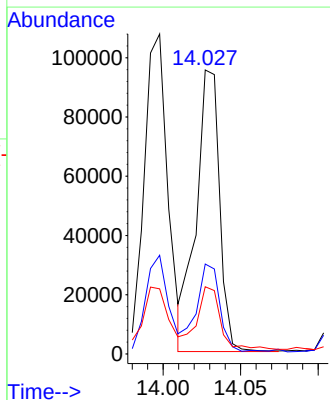
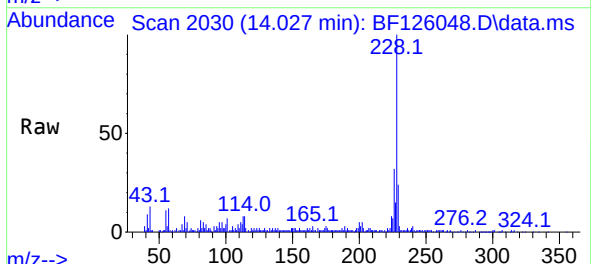
APPROVED

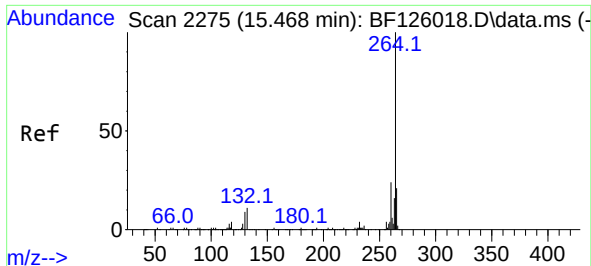
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#83
Chrysene
Concen: 2.557 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Tgt Ion:228 Resp: 100311
Ion Ratio Lower Upper
228 100
226 31.6 22.6 34.0
229 23.7 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Instrument :

BNA_F

ClientSampleId :

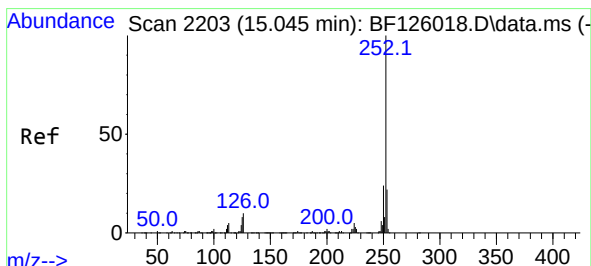
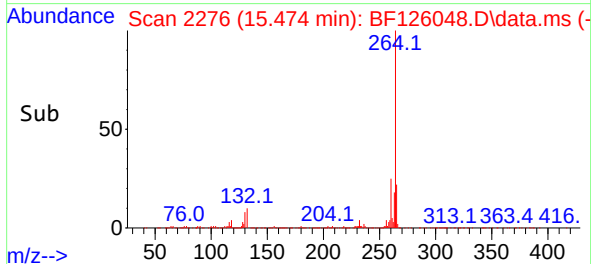
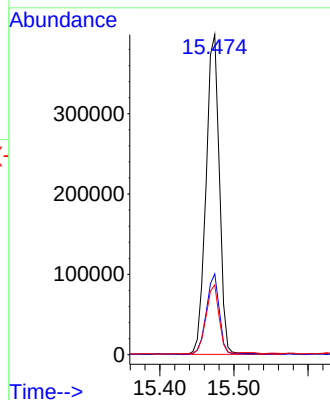
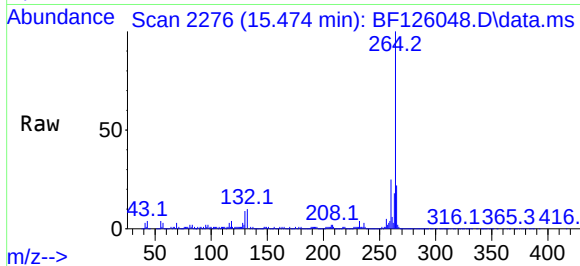
WC-2-JS

Tgt Ion:264 Resp: 498832
Ion Ratio Lower Upper
264 100
260 25.3 19.6 29.4
265 21.8 17.2 25.8

Manual Integrations

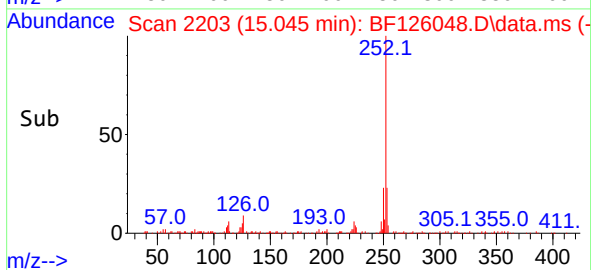
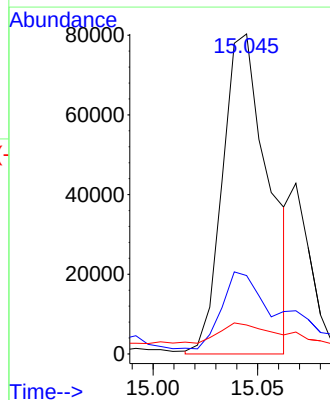
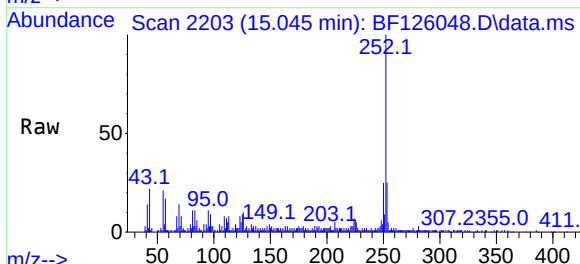
APPROVED

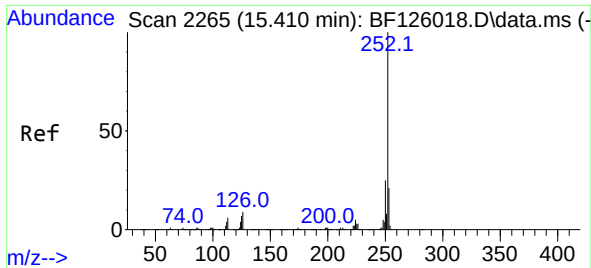
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#88
Benzo(b)fluoranthene
Concen: 3.771 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

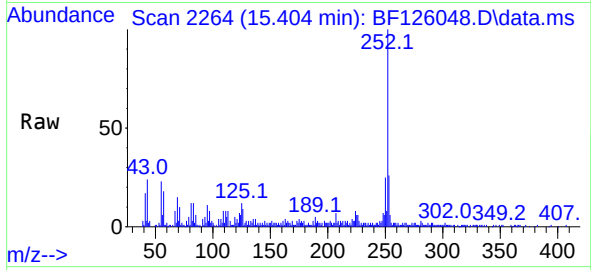
Tgt Ion:252 Resp: 122341
Ion Ratio Lower Upper
252 100
253 24.5 16.8 25.2
125 9.0 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 3.058 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Instrument :
BNA_F
ClientSampleId :
WC-2-JS



Tgt Ion:252 Resp: 7817
Ion Ratio Lower Upper
252 100
253 25.8 18.4 27.6
125 11.6 9.9 14.9

Manual Integrations
APPROVED

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

