

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126498.D
 Acq On : 5 Jan 2022 16:00
 Operator : JU/CG
 Sample : M5251-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101R

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/06/2022
 Supervised By : Jagrut Upadhyay 01/06/2022

Quant Time: Jan 06 01:09:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	105527	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	438235	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	218427	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	354526	20.000	ng	0.00
76) Chrysene-d12	13.939	240	234427	20.000	ng	-0.01
86) Perylene-d12	15.380	264	165074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	143479	19.525	ng	0.04
7) Phenol-d6	6.428	99	468902	49.266	ng	0.00
23) Nitrobenzene-d5	7.351	82	790475	92.617	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	266110	157.659	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1115388	89.860	ng	0.00
79) Terphenyl-d14	12.898	244	1036945	85.942	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.192	107	51546	6.717	ng	93
27) 2,4-Dimethylphenol	7.739	122	235455m	39.772	ng	
31) Naphthalene	8.098	128	3598041	173.947	ng	97
37) 2-Methylnaphthalene	8.781	142	753806	61.777	ng	99
38) 1-Methylnaphthalene	8.881	142	424366	35.971	ng	100

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

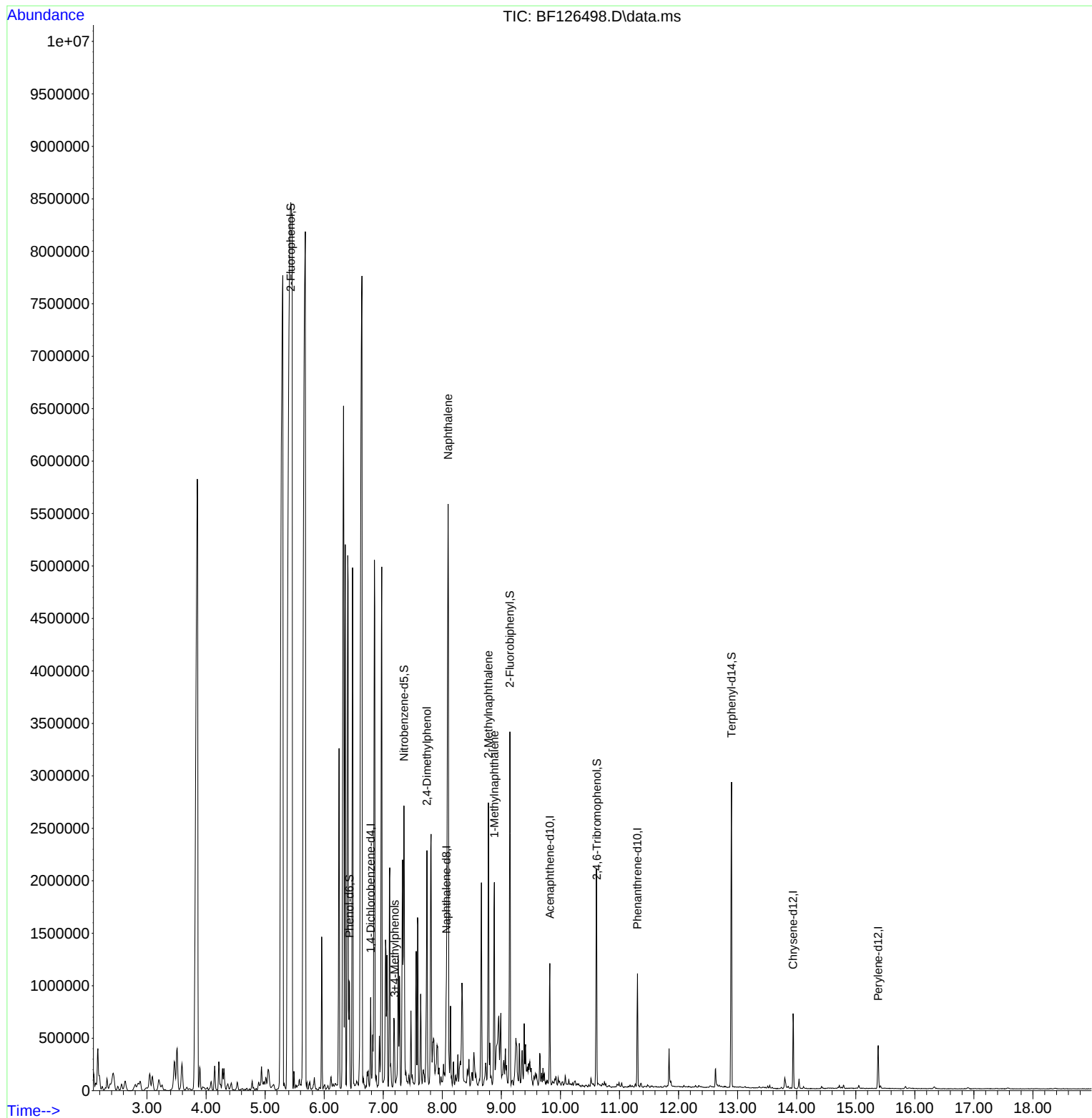
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
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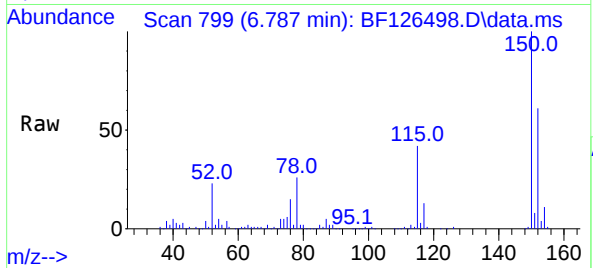
Quant Time: Jan 06 01:09:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 74
Delta R.T. 0.001 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00

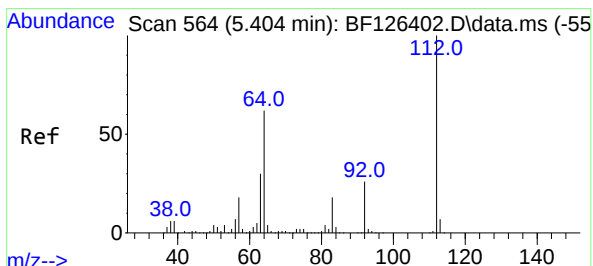
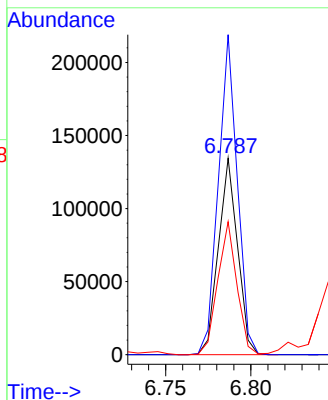
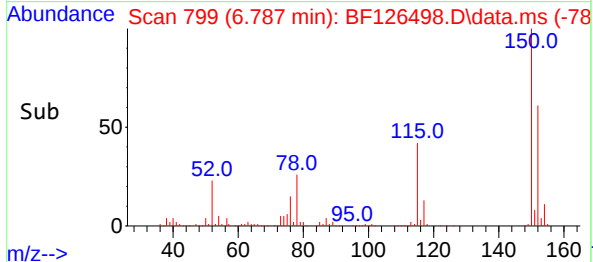
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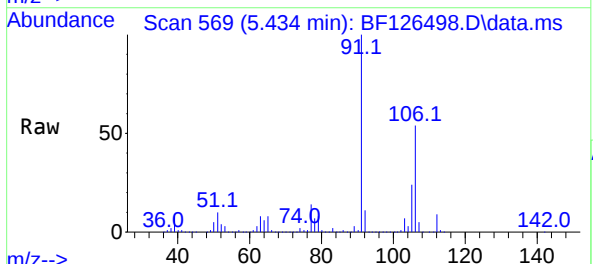
Tgt Ion:152 Resp: 10552
Ion Ratio Lower Upper
152 100
150 162.8 128.1 192.1
115 67.7 56.7 85.1

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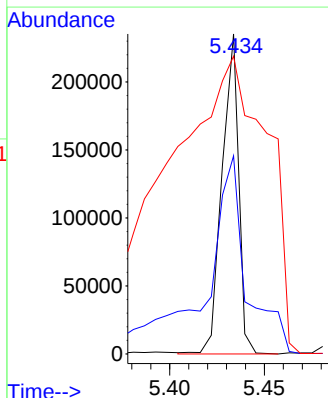
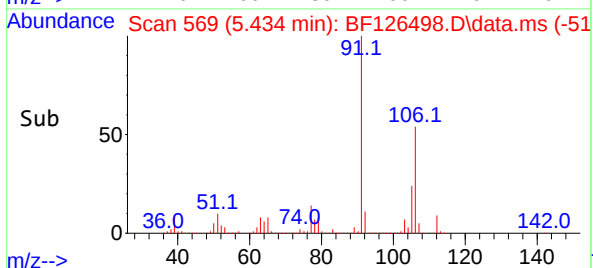
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

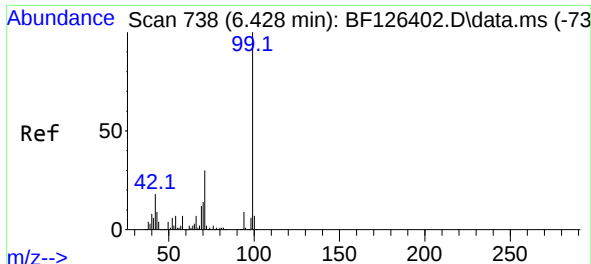


#5
2-Fluorophenol
Concen: 19.525 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.041 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00



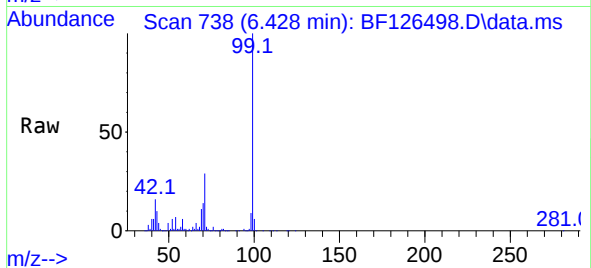
Tgt Ion:112 Resp: 143479
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 93.1 23.9 35.9#





#7
Phenol-d6
Concen: 49.266 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00

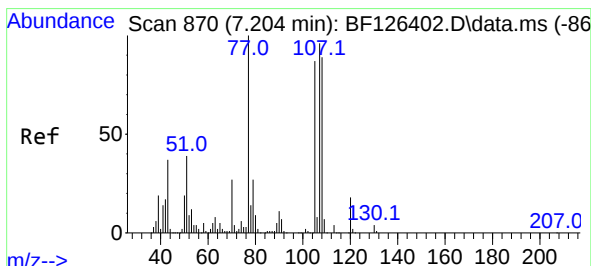
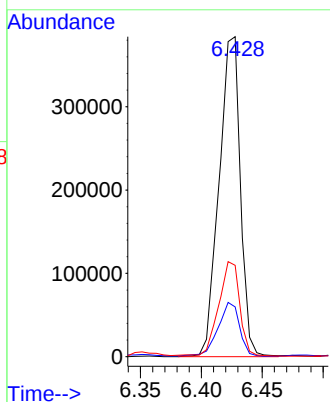
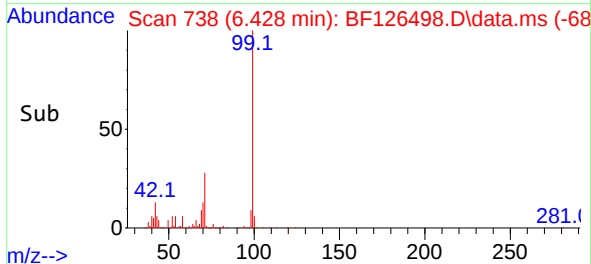
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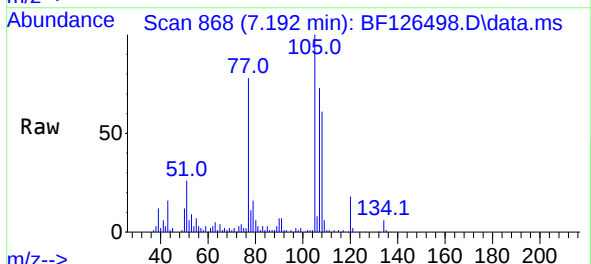
Tgt Ion: 99 Resp: 468902
Ion Ratio Lower Upper
99 100
42 15.6 14.2 21.4
71 28.5 24.3 36.5

Manual Integrations
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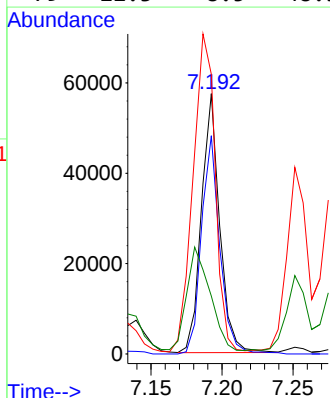
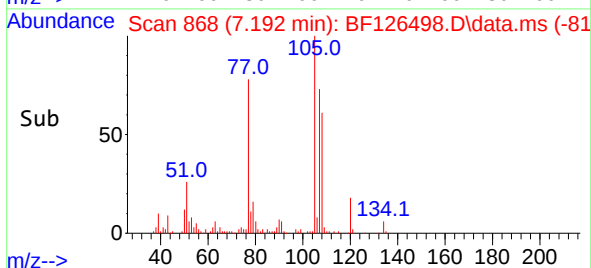
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

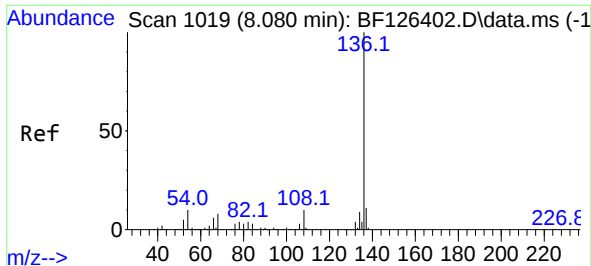


#20
3+4-Methylphenols
Concen: 6.717 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00



Tgt Ion:107 Resp: 51546
Ion Ratio Lower Upper
107 100
108 83.9 72.4 112.4
77 107.4 83.8 123.8
79 22.3 8.5 48.5





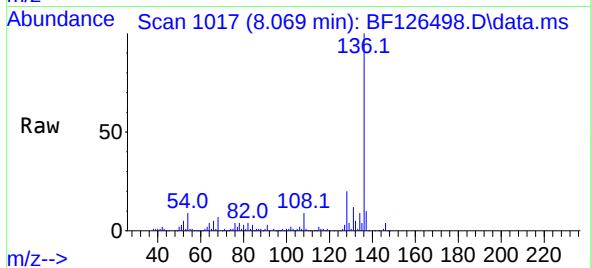
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00

Instrument :

BNA_F

ClientSampleId :

MW-101R

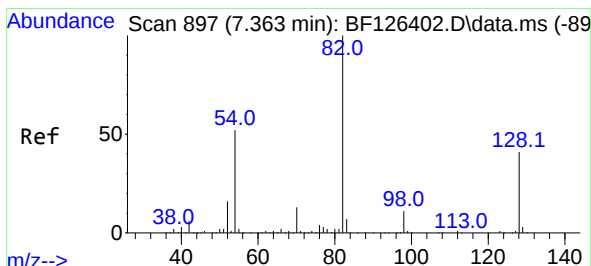
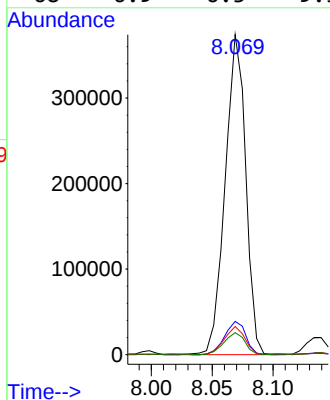
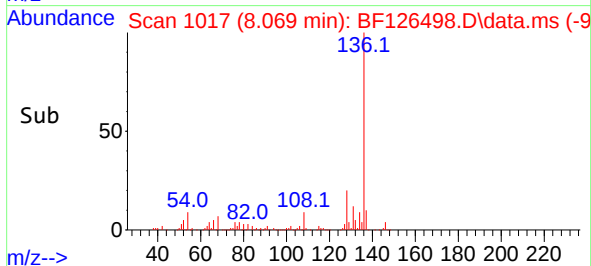


Tgt Ion:136 Resp: 438235
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.8 7.8 11.6
68 6.9 6.3 9.5

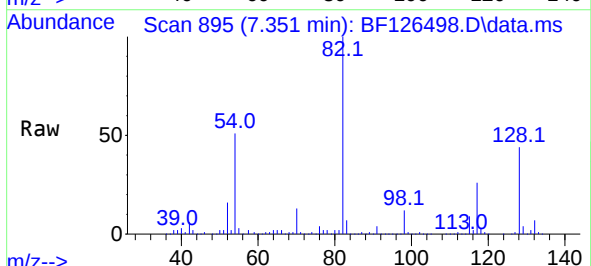
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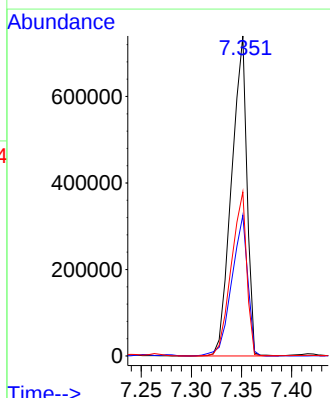
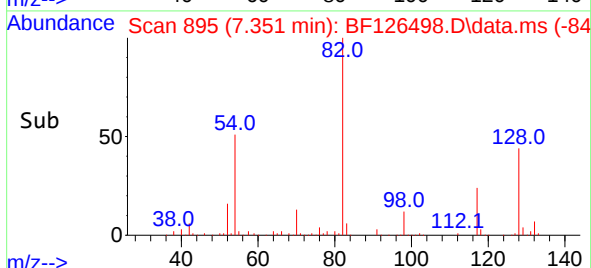
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Supervised By :Jagrut Upadhyay 01/06/2022

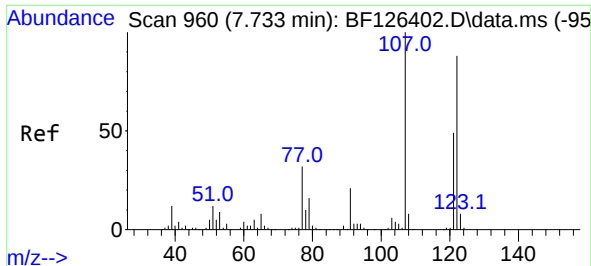


#23
Nitrobenzene-d5
Concen: 92.617 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00



Tgt Ion: 82 Resp: 790475
Ion Ratio Lower Upper
82 100
128 43.9 32.7 49.1
54 51.3 41.7 62.5





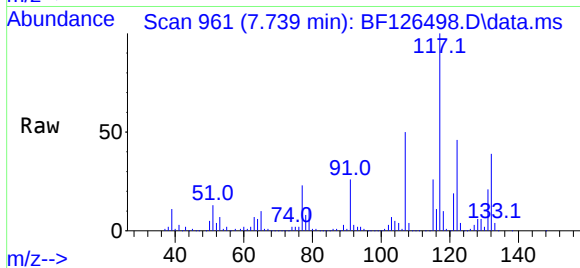
#27
2,4-Dimethylphenol
Concen: 39.772 ng m
RT: 7.739 min Scan# 90
Delta R.T. 0.012 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00

Instrument :

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ClientSampleId :

MW-101R

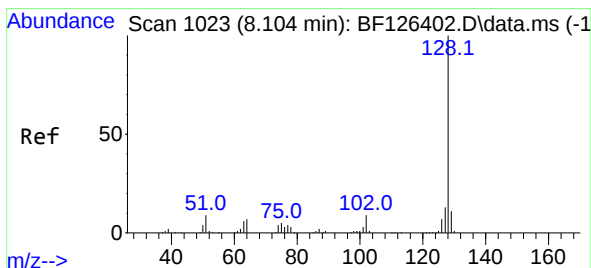
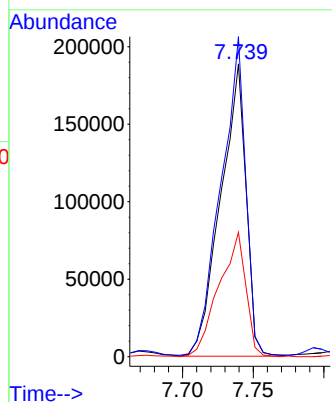
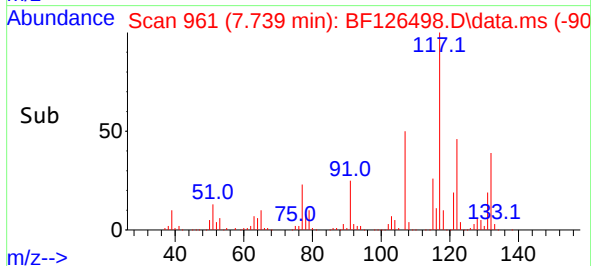


Tgt Ion:122 Resp: 23545
Ion Ratio Lower Upper
122 100
107 109.3 91.2 136.8
121 42.5 44.4 66.6

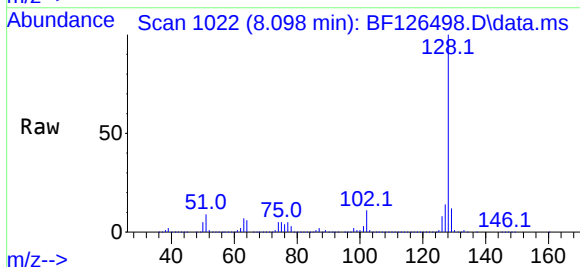
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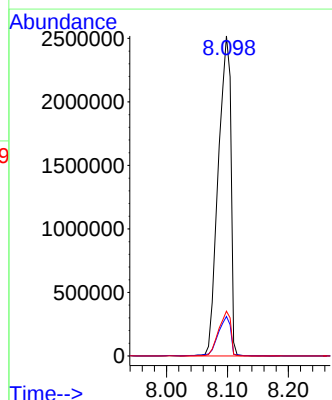
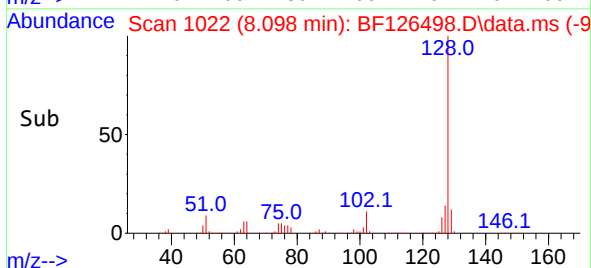
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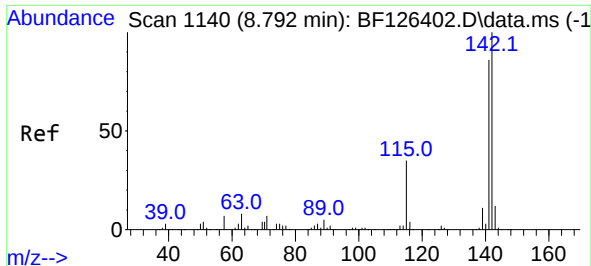


#31
Naphthalene
Concen: 173.947 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00



Tgt Ion:128 Resp: 3598041
Ion Ratio Lower Upper
128 100
129 12.4 8.6 13.0
127 14.0 10.3 15.5





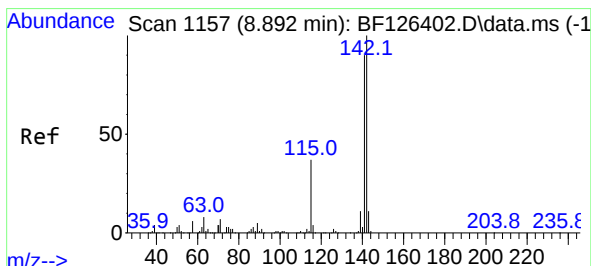
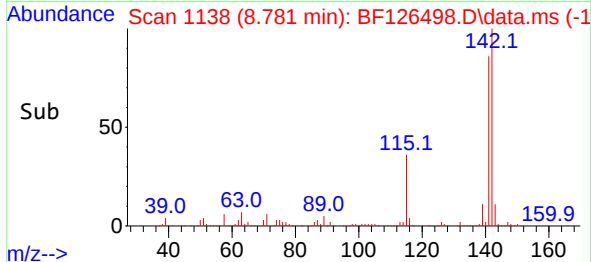
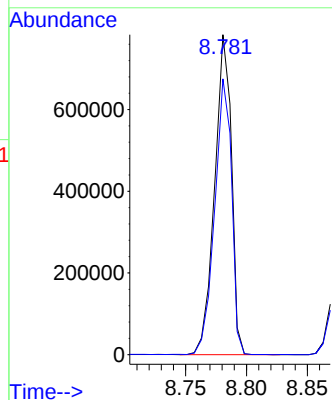
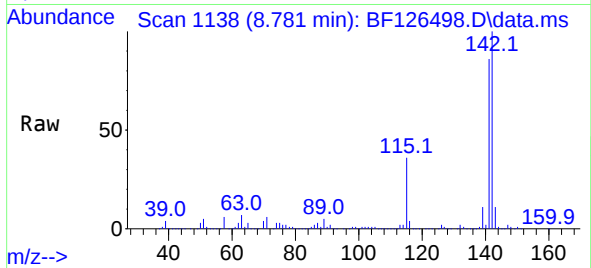
#37
2-Methylnaphthalene
Concen: 61.777 ng
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00

Instrument :
BNA_F
ClientSampleId :
MW-101R

Tgt Ion:142 Resp: 753800
Ion Ratio Lower Upper
142 100
141 86.2 68.6 102.8

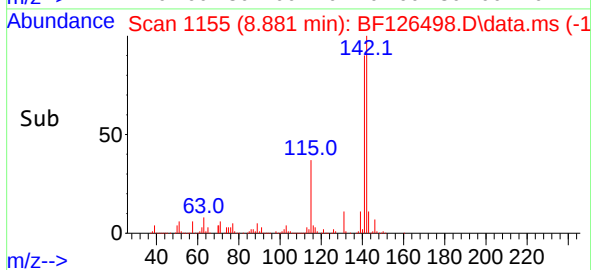
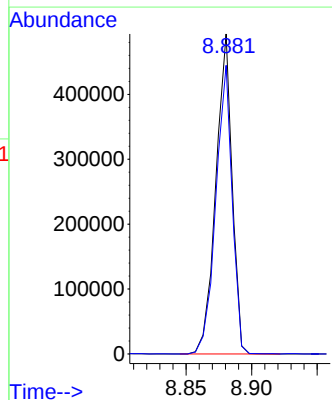
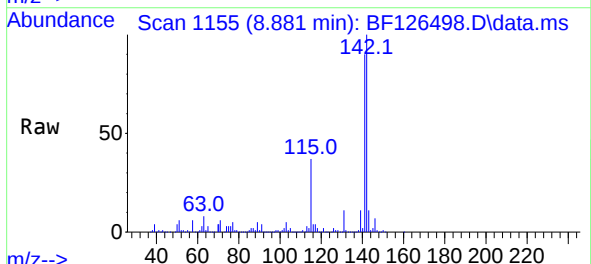
Manual Integrations
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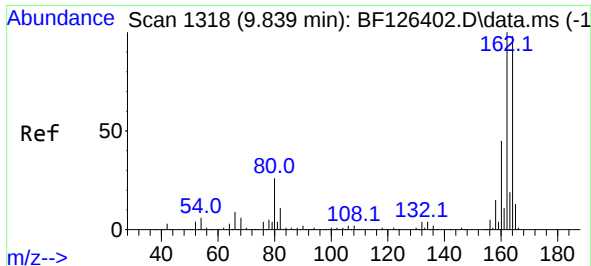
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#38
1-Methylnaphthalene
Concen: 35.971 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00

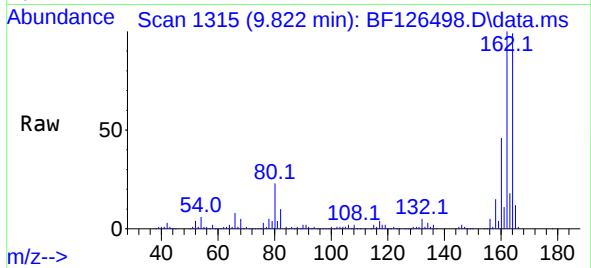
Tgt Ion:142 Resp: 424366
Ion Ratio Lower Upper
142 100
141 90.2 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00

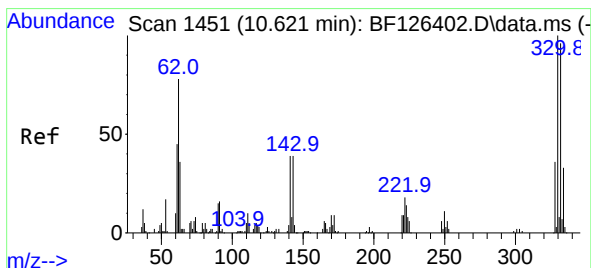
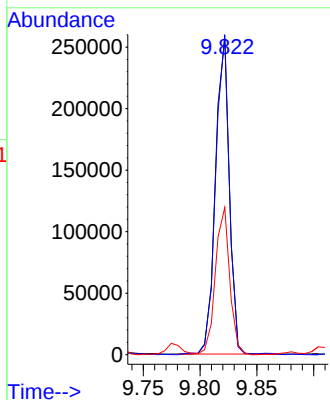
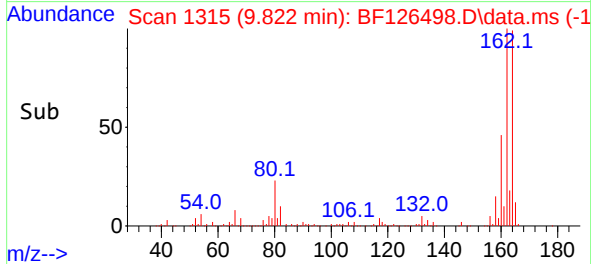
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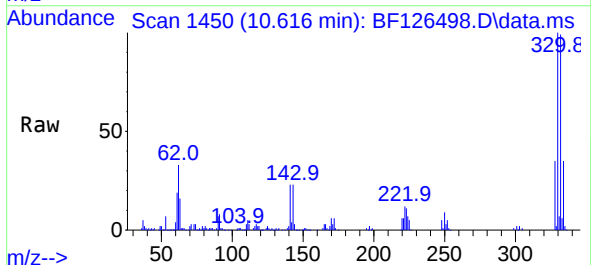
Tgt Ion:164 Resp: 21842
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 46.6 36.6 54.8

Manual Integrations
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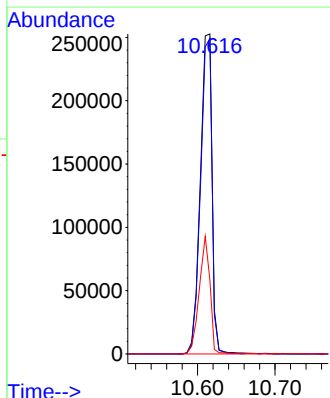
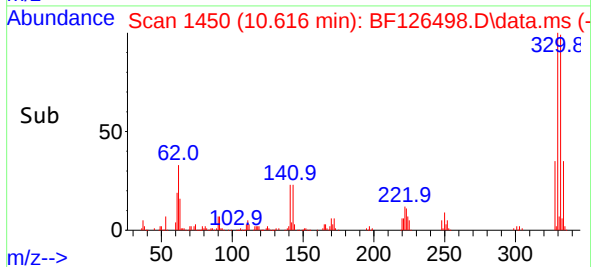
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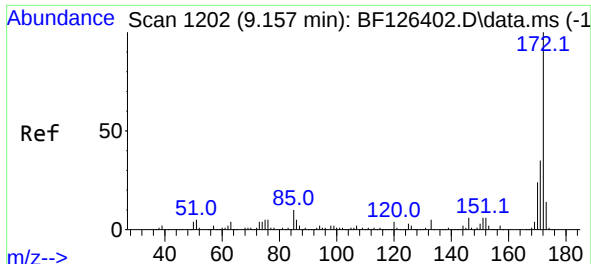


#42
2,4,6-Tribromophenol
Concen: 157.659 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00



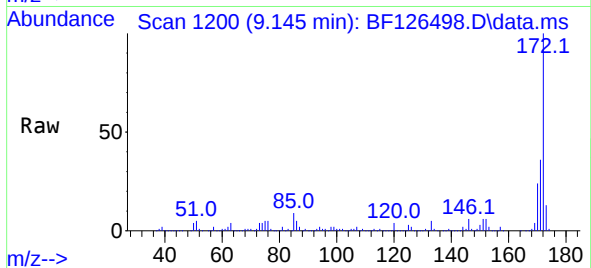
Tgt Ion:330 Resp: 266110
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 33.6 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 89.860 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00

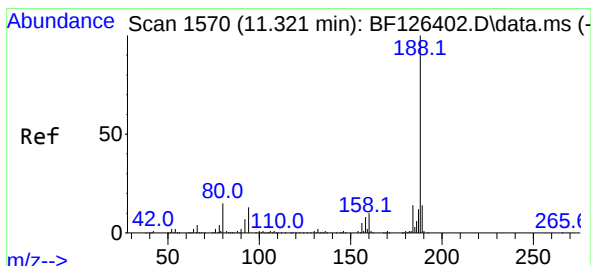
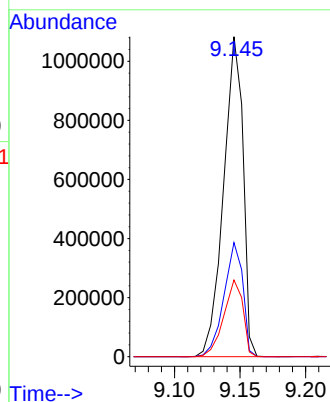
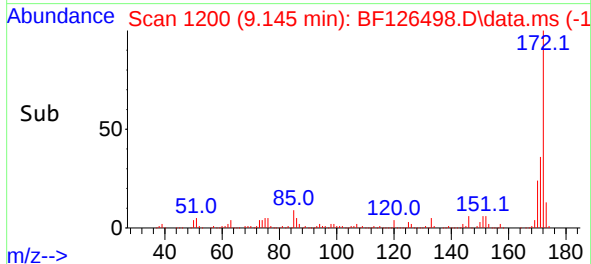
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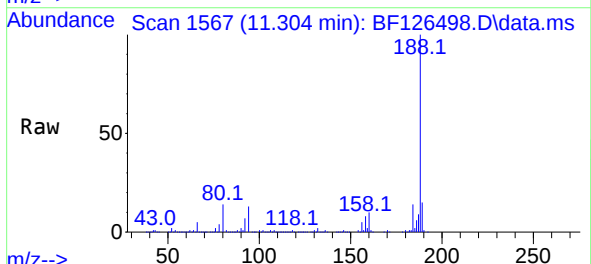
Tgt Ion:172 Resp: 111538
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 24.0 19.0 28.6

Manual Integrations
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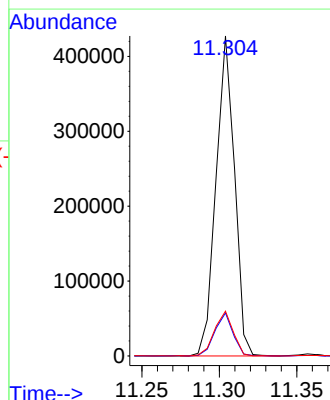
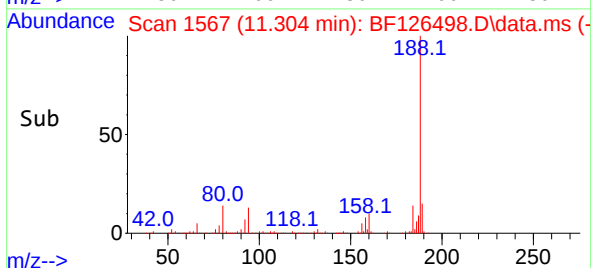
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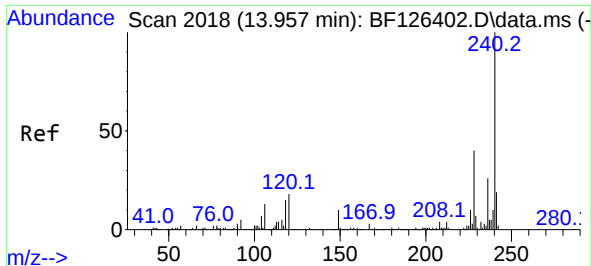


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00



Tgt Ion:188 Resp: 354526
Ion Ratio Lower Upper
188 100
94 13.4 10.1 15.1
80 14.0 11.8 17.6





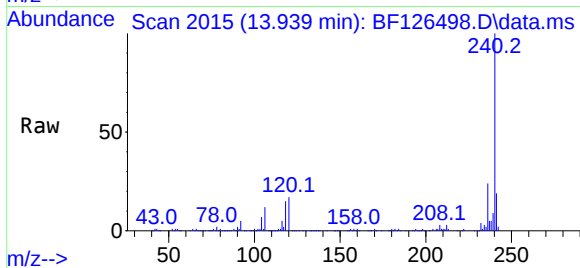
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00

Instrument :

BNA_F

ClientSampleId :

MW-101R

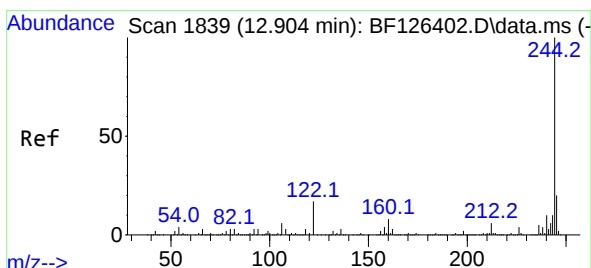
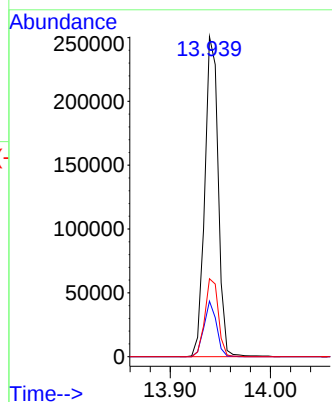
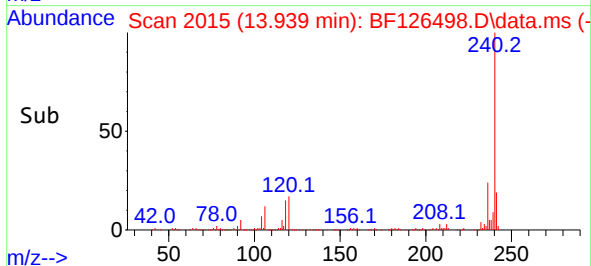


Tgt Ion:240 Resp: 23442
Ion Ratio Lower Upper
240 100
120 17.4 14.4 21.6
236 24.3 20.5 30.7

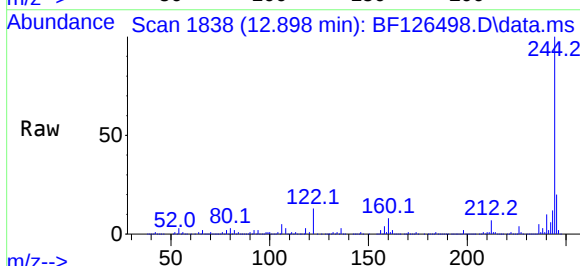
Manual Integrations

APPROVED

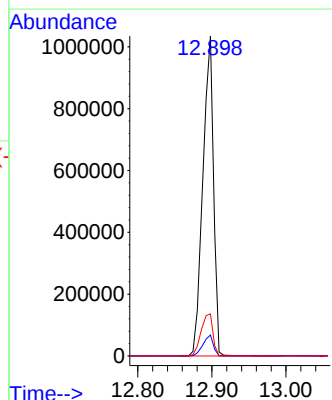
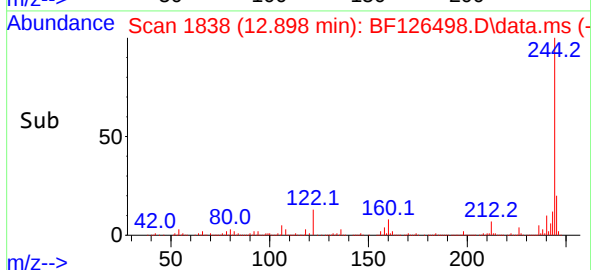
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

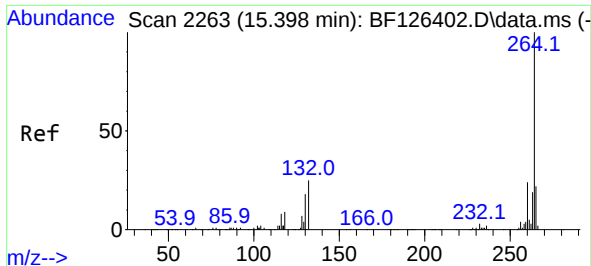


#79
Terphenyl-d14
Concen: 85.942 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00



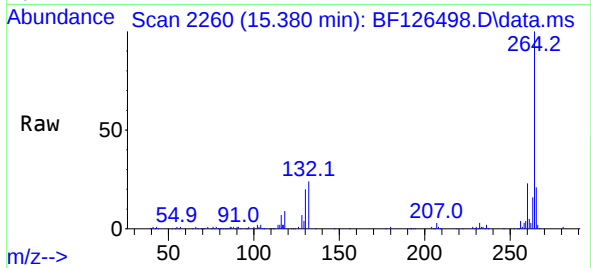
Tgt Ion:244 Resp: 1036945
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 13.1 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126498.D
Acq: 5 Jan 2022 16:00

Instrument :
BNA_F
ClientSampleId :
MW-101R



Tgt Ion:264 Resp: 165074
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 20.8 17.4 26.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

