

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128767.D
 Acq On : 10 Jun 2022 19:15
 Operator : CG\JU
 Sample : N3286-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2D

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/13/2022
 Supervised By :Jagrut Upadhyay 06/13/2022

Quant Time: Jun 11 01:27:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	63840	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	249969	20.000	ng	-0.01
39) Acenaphthene-d10	9.839	164	141613	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	247942	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	127361	20.000	ng	#-0.02
86) Perylene-d12	15.433	264	135079	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	234520	58.514	ng	0.00
7) Phenol-d6	6.469	99	188850	38.601	ng	-0.01
23) Nitrobenzene-d5	7.375	82	495761	92.339	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	224342	134.077	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	983375	97.273	ng	0.00
79) Terphenyl-d14	12.922	244	832656	113.603	ng	-0.01
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.228	107	19393	4.482	ng	# 75
27) 2,4-Dimethylphenol	7.769	122	78121m	23.615	ng	
31) Naphthalene	8.110	128	1103803	86.043	ng	99
37) 2-Methylnaphthalene	8.798	142	168622	20.665	ng	98
38) 1-Methylnaphthalene	8.898	142	190868	24.211	ng	97

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

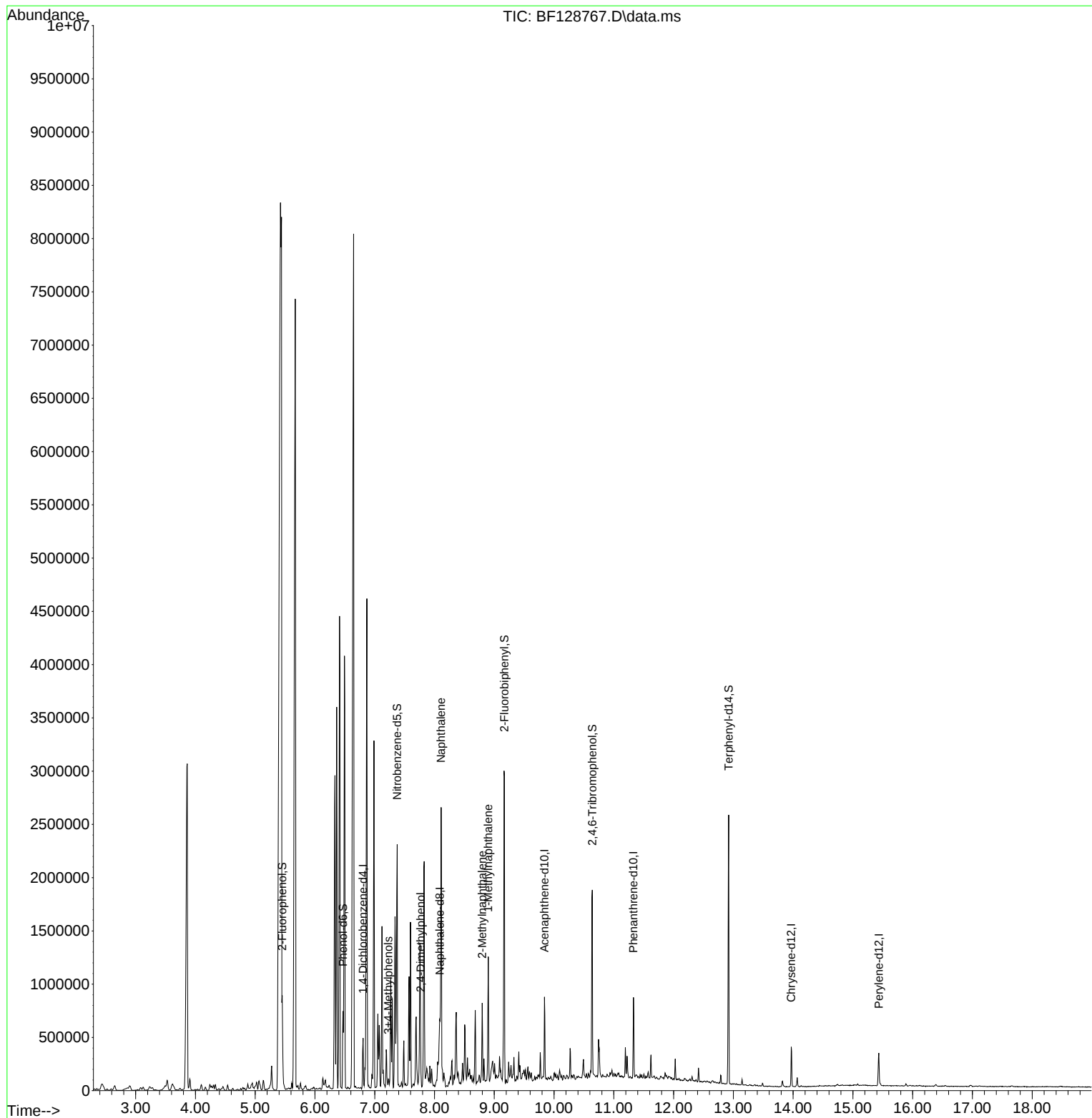
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128767.D
Acq On : 10 Jun 2022 19:15
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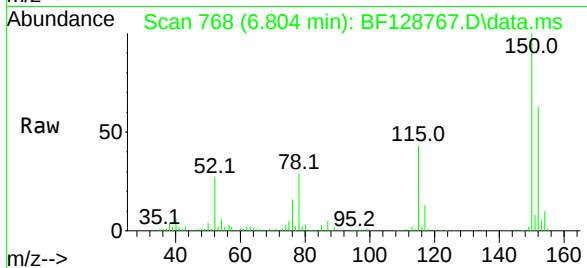
Quant Time: Jun 11 01:27:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

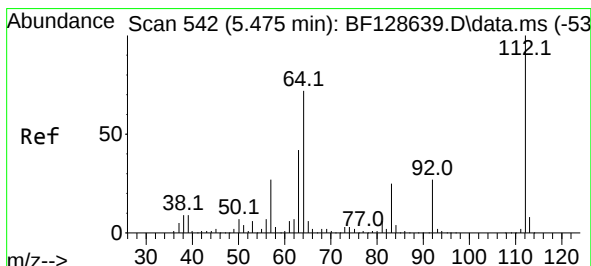
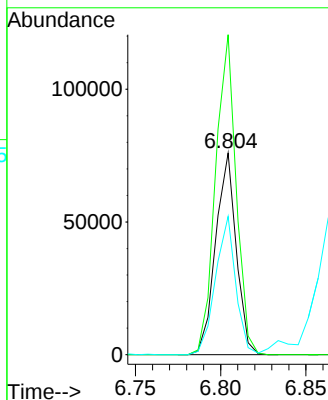
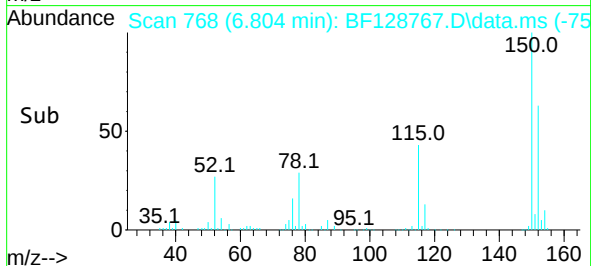
Instrument :
BNA_F
ClientSampleId :
MW-2D



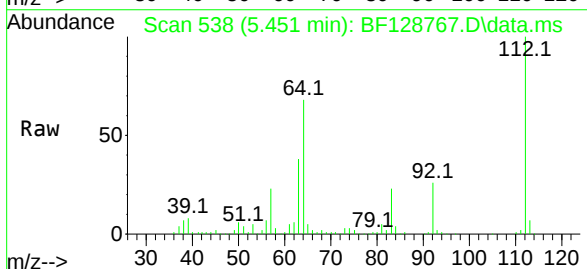
Tgt Ion:152 Resp: 63840
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 68.5 49.9 74.9

Manual Integrations
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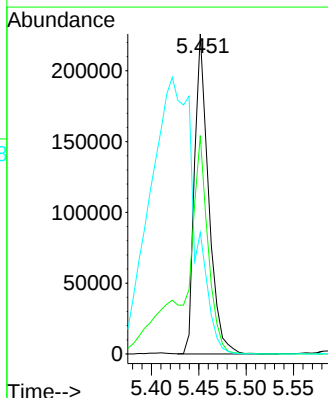
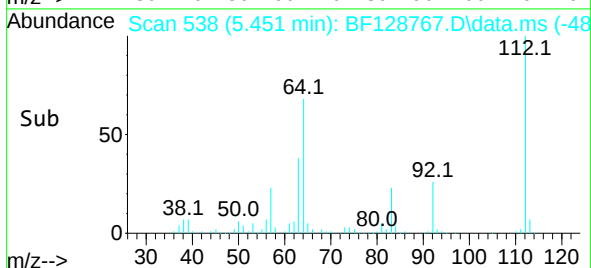
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

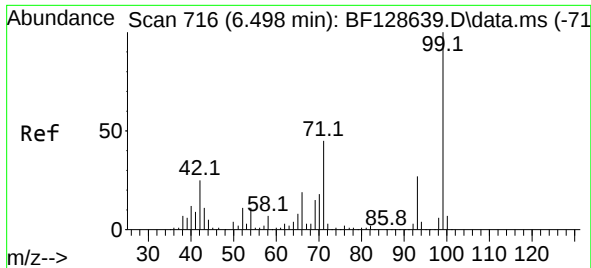


#5
2-Fluorophenol
Concen: 58.514 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15



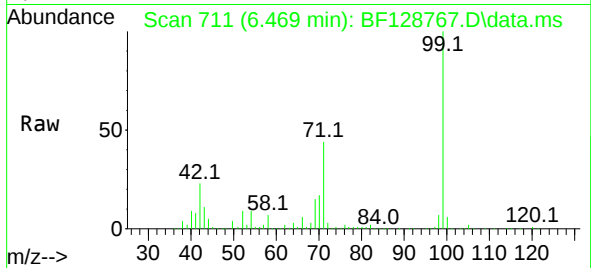
Tgt Ion:112 Resp: 234520
Ion Ratio Lower Upper
112 100
64 68.3 53.3 79.9
63 37.9 28.0 42.0





#7
Phenol-d6
Concen: 38.601 ng
RT: 6.469 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

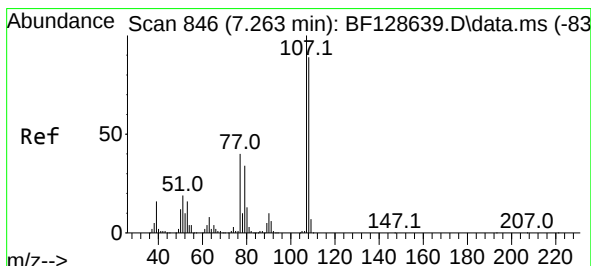
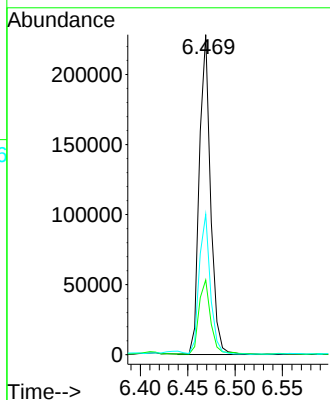
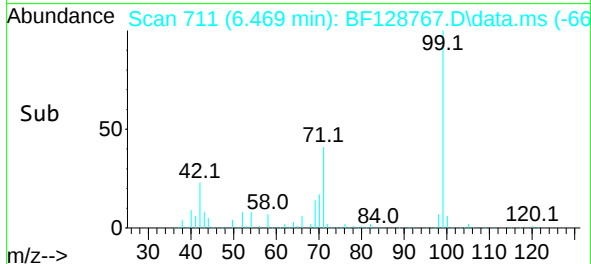
Instrument :
BNA_F
ClientSampleId :
MW-2D



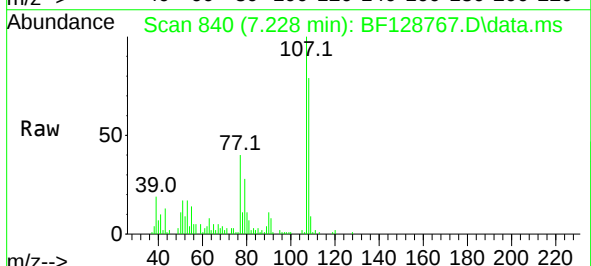
Tgt Ion: 99 Resp: 188850
Ion Ratio Lower Upper
99 100
42 23.3 17.3 25.9
71 43.9 28.9 43.3

Manual Integrations
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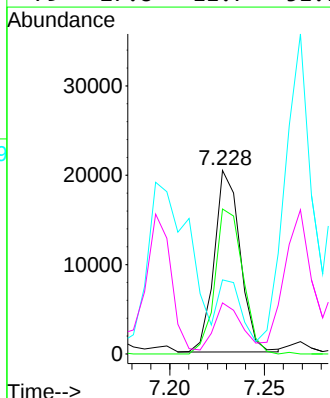
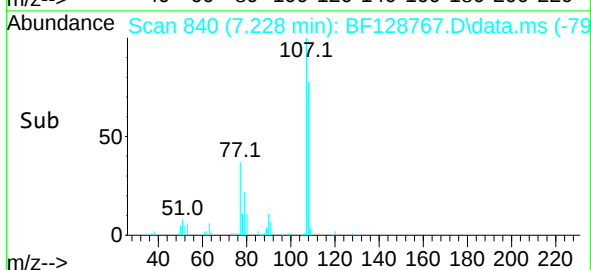
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

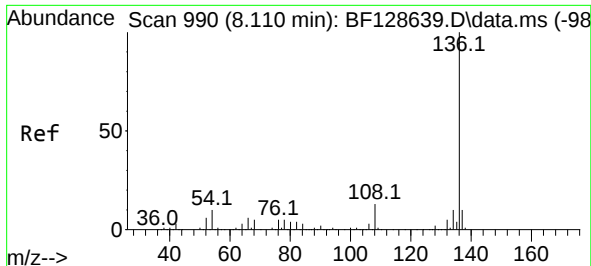


#20
3+4-Methylphenols
Concen: 4.482 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.018 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15



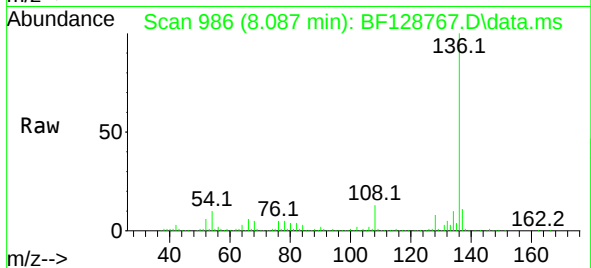
Tgt Ion:107 Resp: 19393
Ion Ratio Lower Upper
107 100
108 79.0 71.8 111.8
77 40.3 59.3 99.3
79 27.8 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

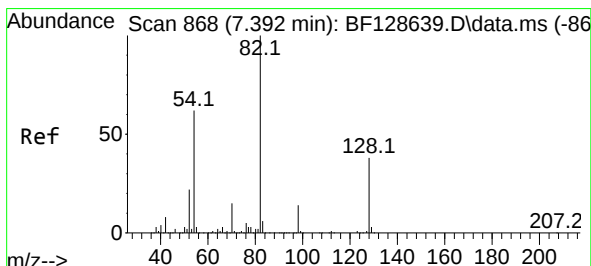
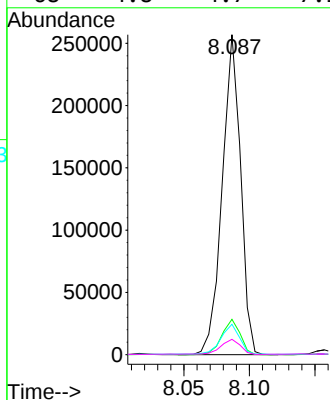
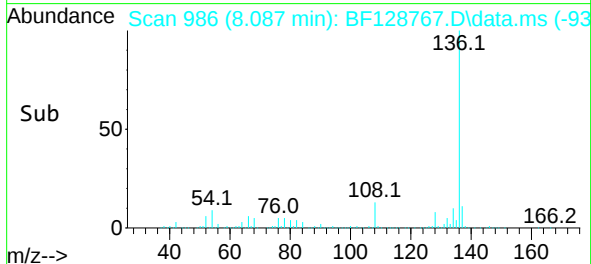
Instrument :
BNA_F
ClientSampleId :
MW-2D



Tgt Ion:136 Resp: 249969
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.5 7.5 11.3
68 4.8 4.7 7.1

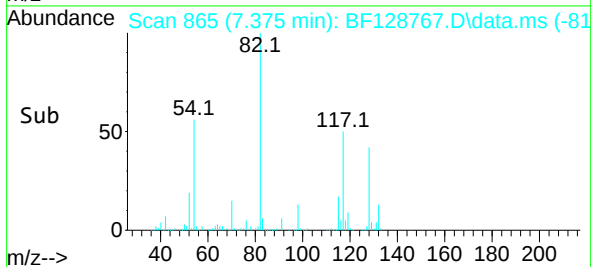
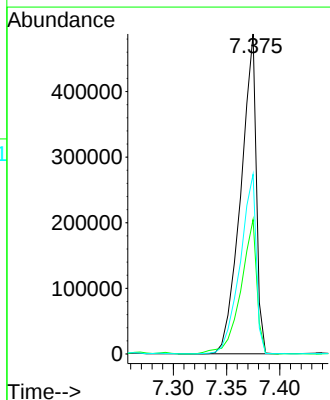
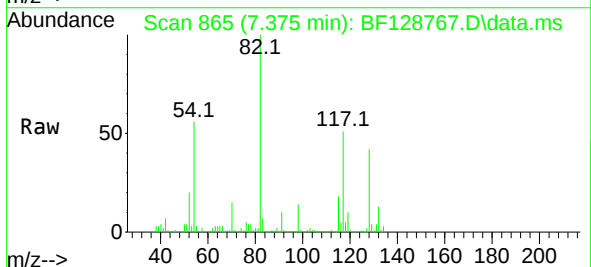
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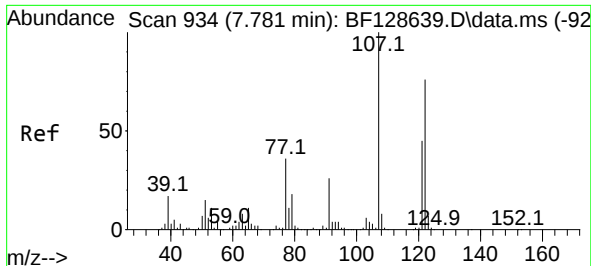
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#23
Nitrobenzene-d5
Concen: 92.339 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

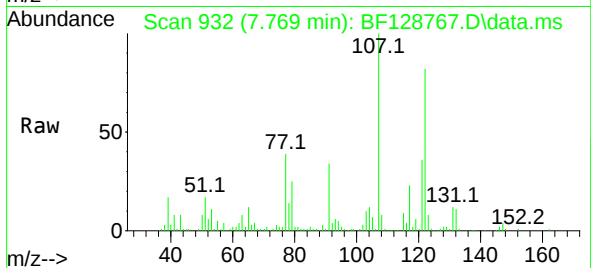
Tgt Ion: 82 Resp: 495761
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 56.1 46.9 70.3





#27
2,4-Dimethylphenol
Concen: 23.615 ng m
RT: 7.769 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

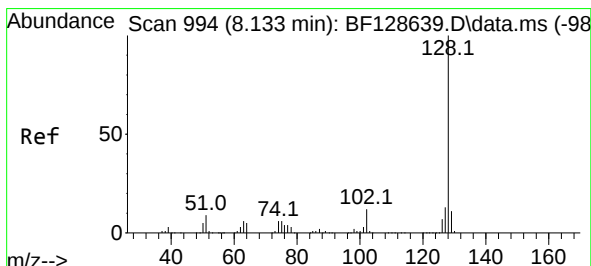
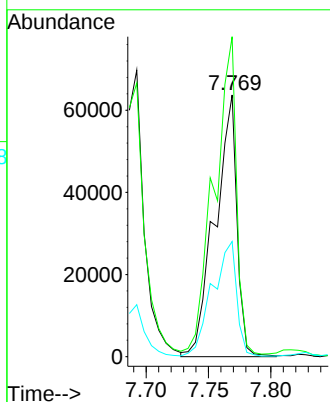
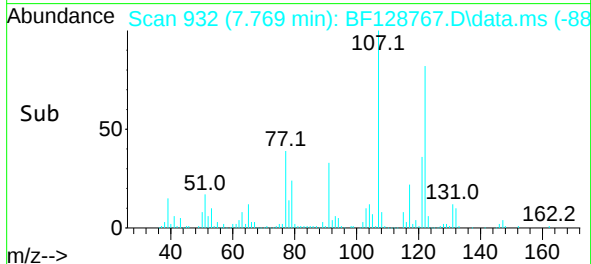
Instrument :
BNA_F
ClientSampleId :
MW-2D



Tgt Ion:122 Resp: 7812
Ion Ratio Lower Upper
122 100
107 122.2 93.0 139.6
121 44.0 46.6 70.0

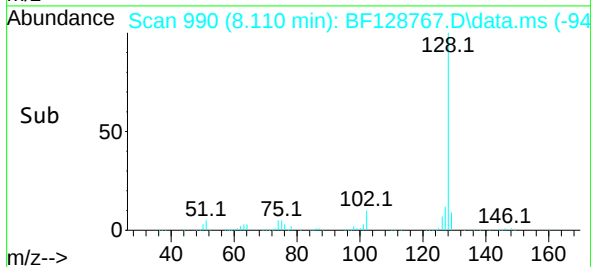
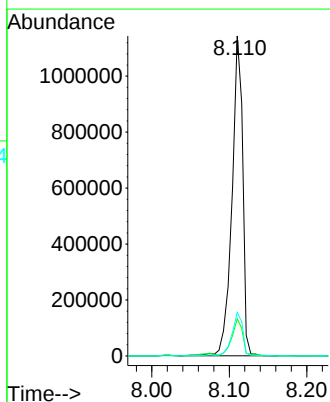
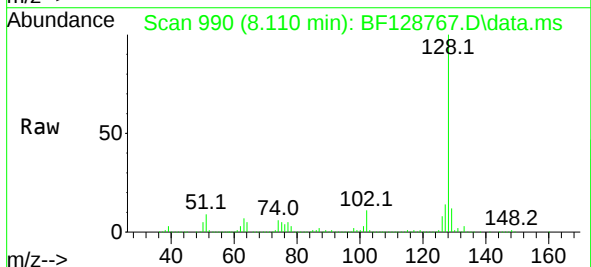
Manual Integrations
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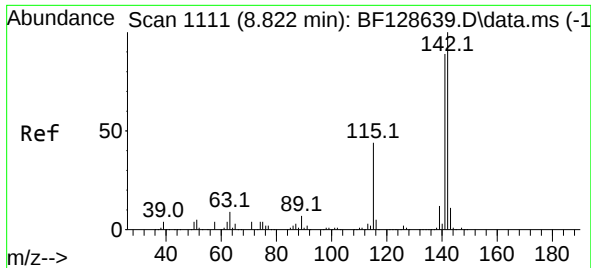
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#31
Naphthalene
Concen: 86.043 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

Tgt Ion:128 Resp: 1103803
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 10.5 15.7





#37

2-Methylnaphthalene

Concen: 20.665 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.012 min

Lab File: BF128767.D

Acq: 10 Jun 2022 19:15

Instrument :

BNA_F

ClientSampleId :

MW-2D

Tgt Ion:142 Resp: 16862

Ion Ratio Lower Upper

142 100

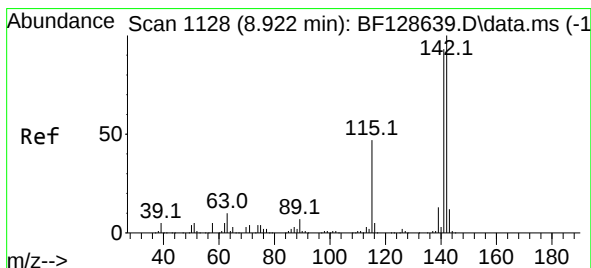
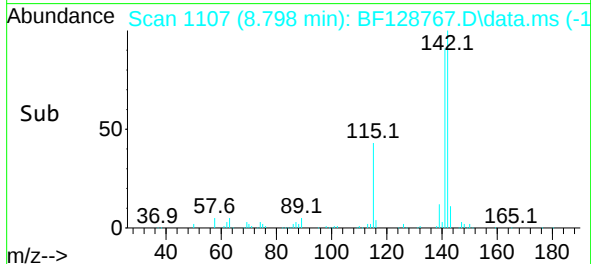
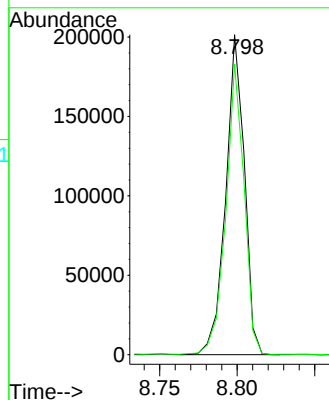
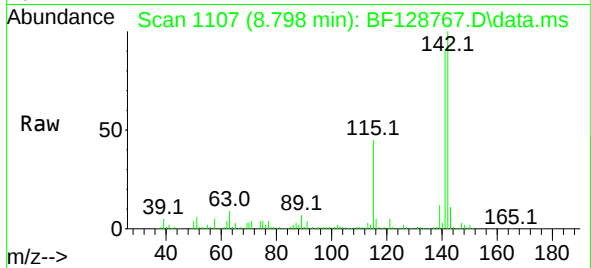
141 90.8 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/13/2022

Supervised By :Jagrut Upadhyay 06/13/2022



#38

1-Methylnaphthalene

Concen: 24.211 ng

RT: 8.898 min Scan# 1124

Delta R.T. -0.012 min

Lab File: BF128767.D

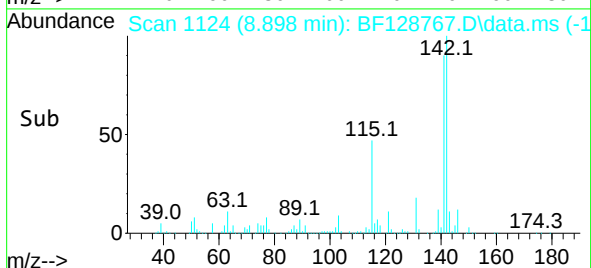
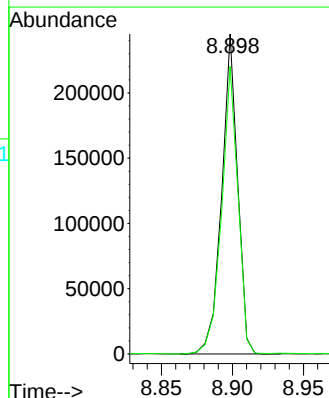
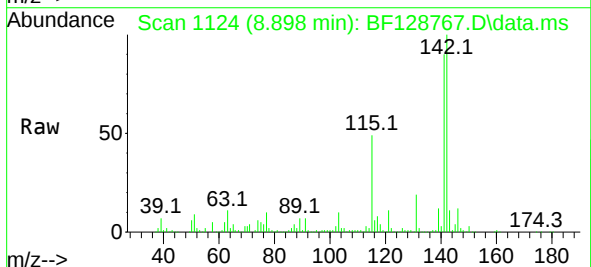
Acq: 10 Jun 2022 19:15

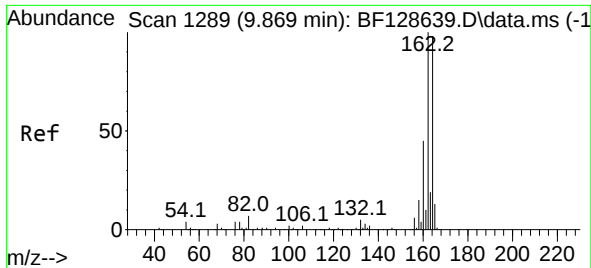
Tgt Ion:142 Resp: 190868

Ion Ratio Lower Upper

142 100

141 89.9 74.2 111.4





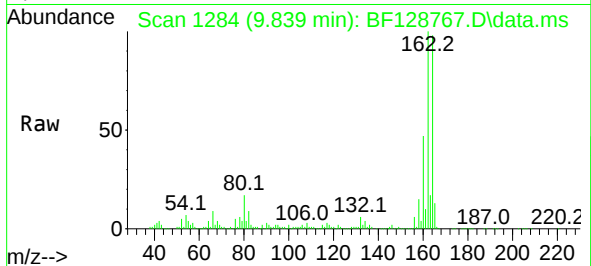
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

Instrument :

BNA_F

ClientSampleId :

MW-2D

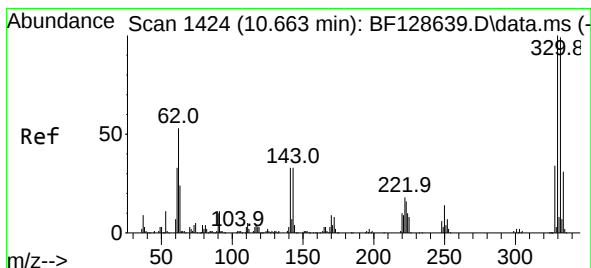
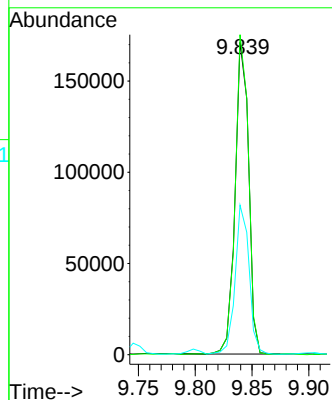
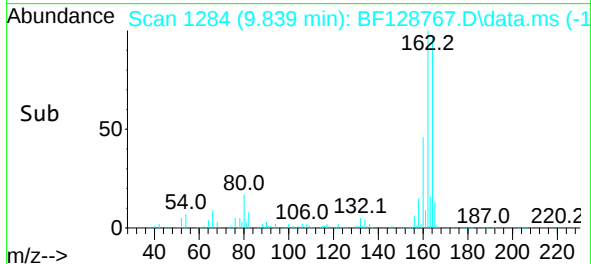


Tgt Ion:164 Resp: 14161
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 47.8 34.2 51.4

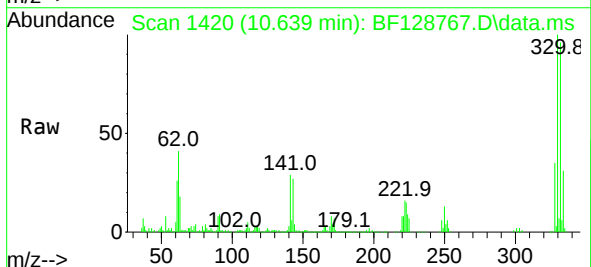
Manual Integrations

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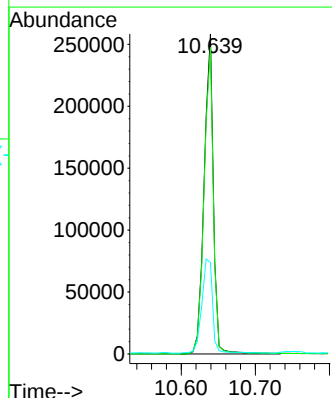
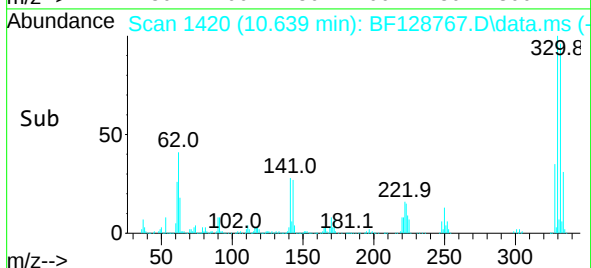
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

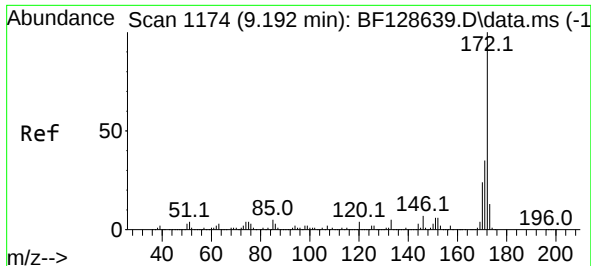


#42
2,4,6-Tribromophenol
Concen: 134.077 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15



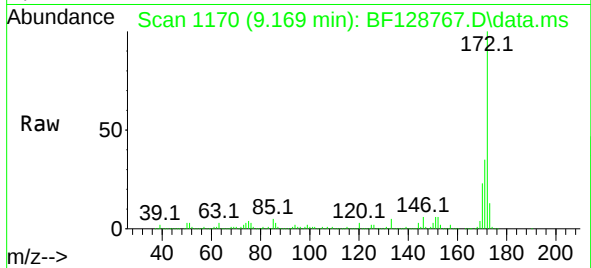
Tgt Ion:330 Resp: 224342
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 34.2 28.0 42.0





#45
2-Fluorobiphenyl
Concen: 97.273 ng
RT: 9.169 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

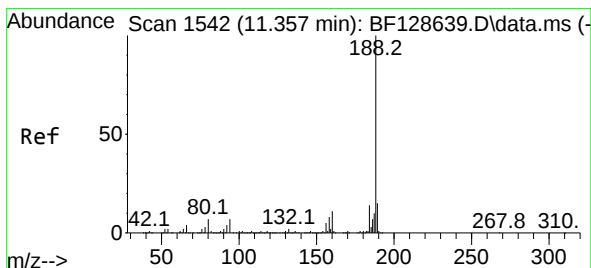
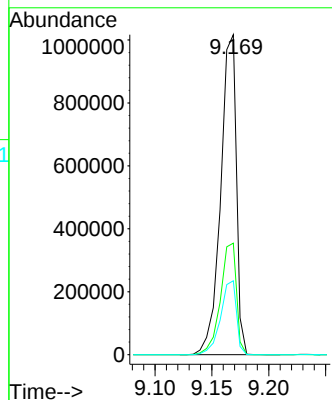
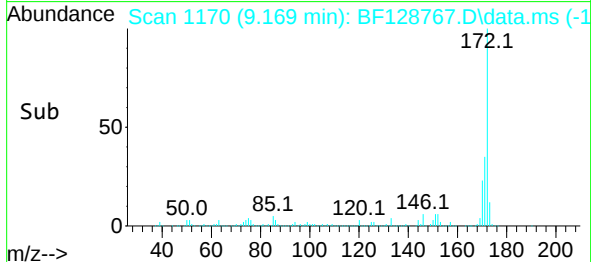
Instrument :
BNA_F
ClientSampleId :
MW-2D



Tgt Ion:172 Resp: 983375
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.1 19.8 29.8

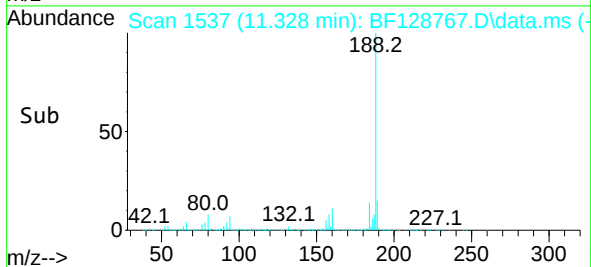
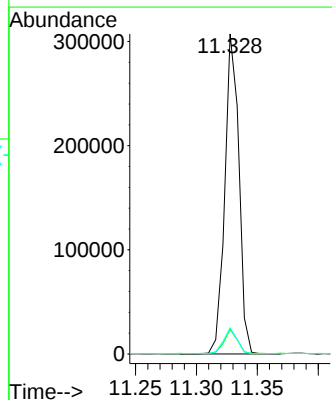
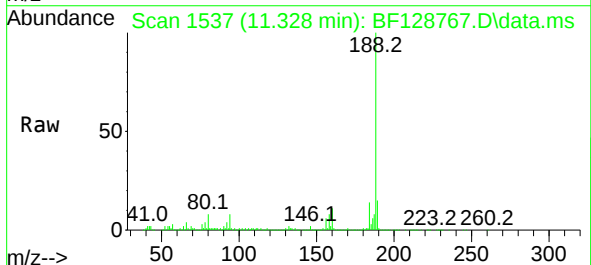
Manual Integrations
APPROVED

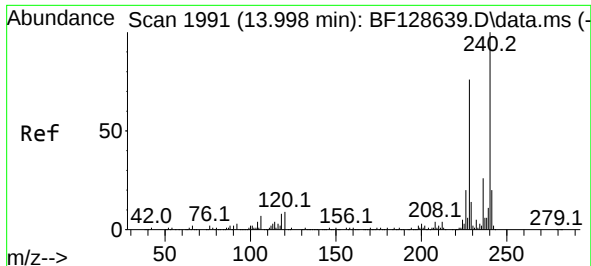
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1537
Delta R.T. -0.012 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

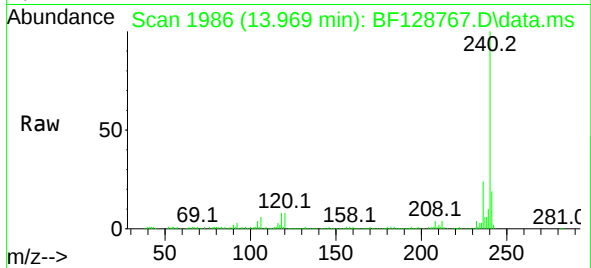
Tgt Ion:188 Resp: 247942
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.1 7.6 11.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1991
Delta R.T. -0.018 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

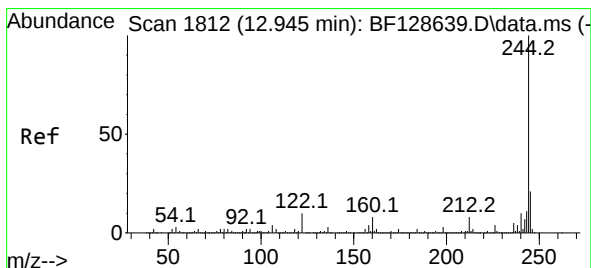
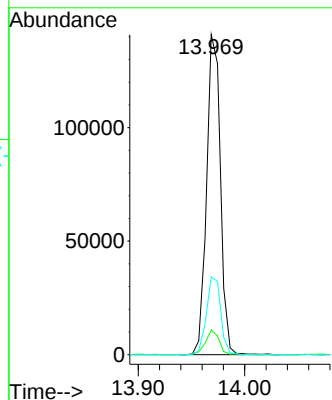
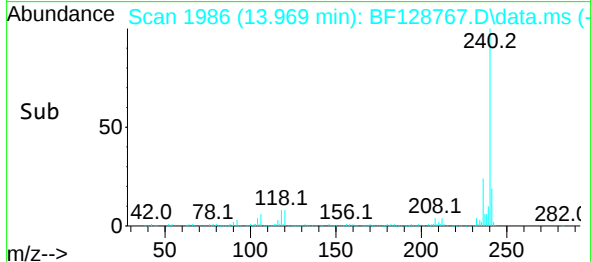
Instrument :
BNA_F
ClientSampleId :
MW-2D



Tgt Ion:240 Resp: 12736
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3
236 24.3 20.8 31.2

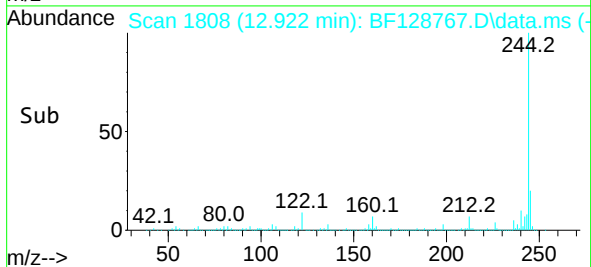
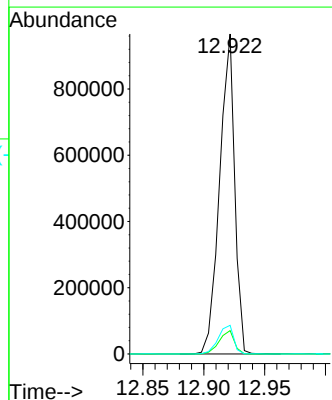
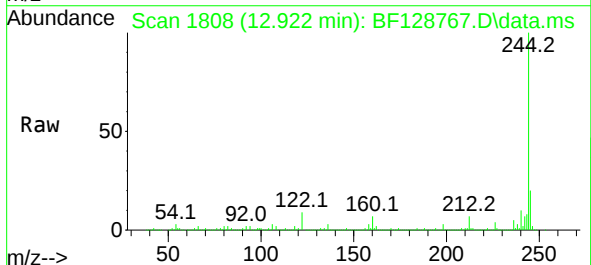
Manual Integrations
APPROVED

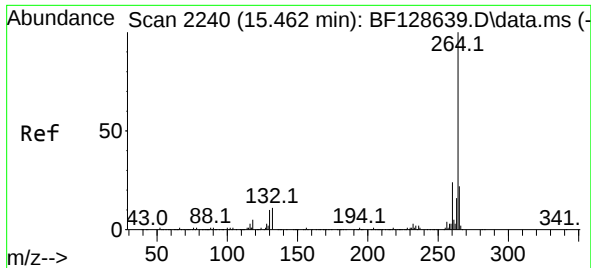
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#79
Terphenyl-d14
Concen: 113.603 ng
RT: 12.922 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BF128767.D
Acq: 10 Jun 2022 19:15

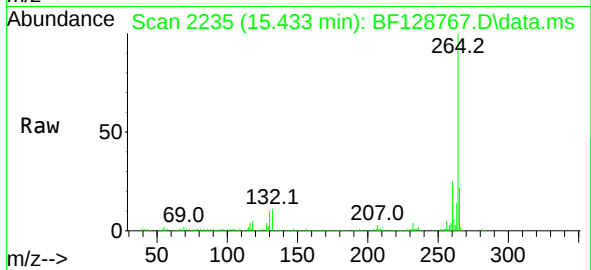
Tgt Ion:244 Resp: 832656
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 9.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128767.D
 Acq: 10 Jun 2022 19:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-2D



Tgt Ion:264 Resp: 135079
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 21.6 17.2 25.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/13/2022
 Supervised By :Jagrut Upadhyay 06/13/2022

