

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128273.D
 Acq On : 16 May 2022 17:43
 Operator : CG\JU
 Sample : N2823-13DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-13DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 17 06:22:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	86099	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	321861	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	161759	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	257333	20.000	ng	0.00
76) Chrysene-d12	14.063	240	220534	20.000	ng	0.00
86) Perylene-d12	15.557	264	146100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	57854	10.712	ng	0.00
7) Phenol-d6	6.516	99	77939	10.910	ng	-0.01
23) Nitrobenzene-d5	7.445	82	50974	7.126	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	13669	7.368	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	91062	8.808	ng	-0.01
79) Terphenyl-d14	12.998	244	91857	7.816	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	916460	71.523	ng	100
75) Fluoranthene	12.633	202	321853	23.168	ng	98
78) Pyrene	12.863	202	92986	5.815	ng	99
88) Benzo(b)fluoranthene	15.116	252	27138m	2.996	ng	

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

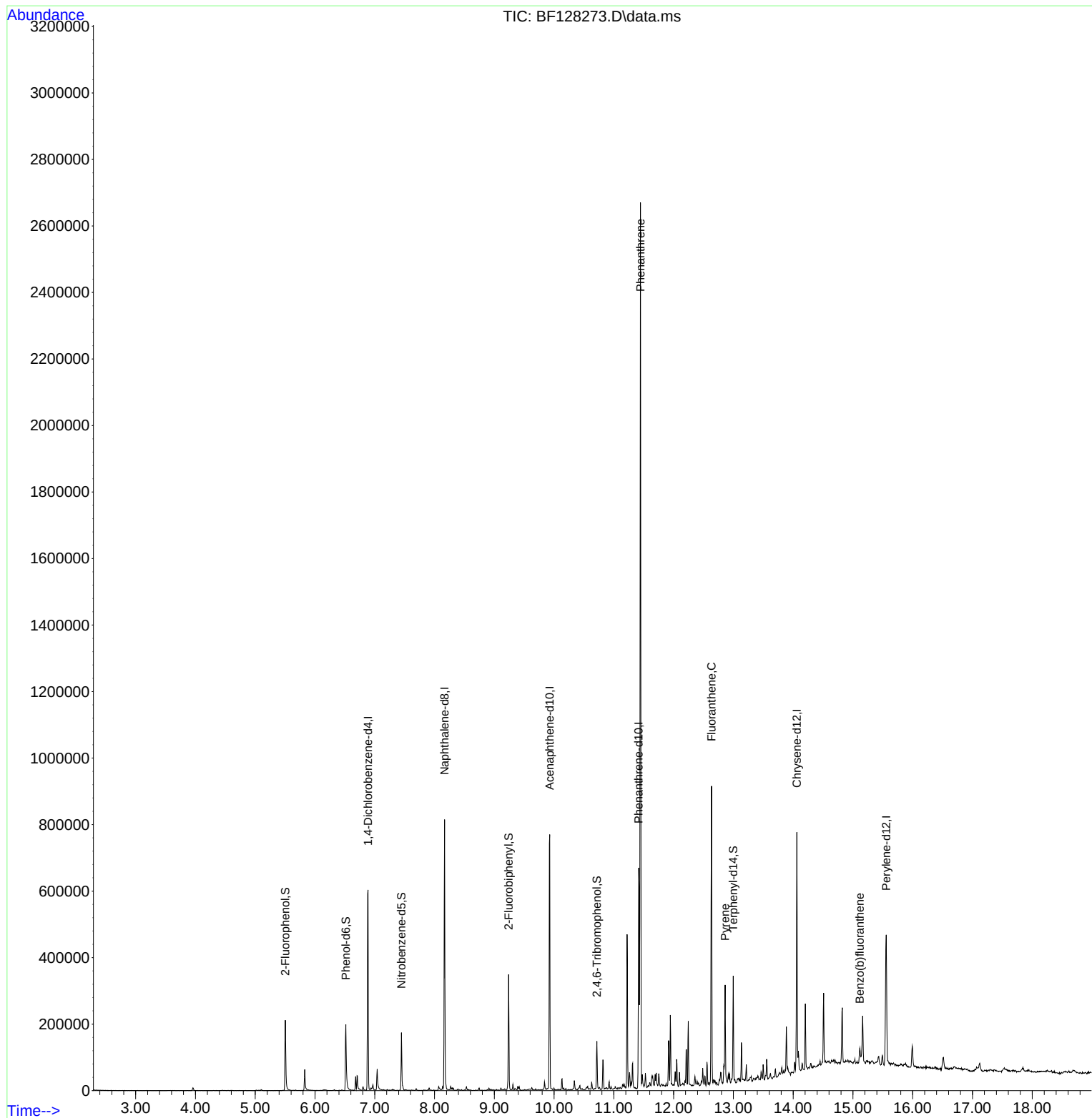
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128273.D
Acq On : 16 May 2022 17:43
Operator : CG\JU
Sample : N2823-13DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

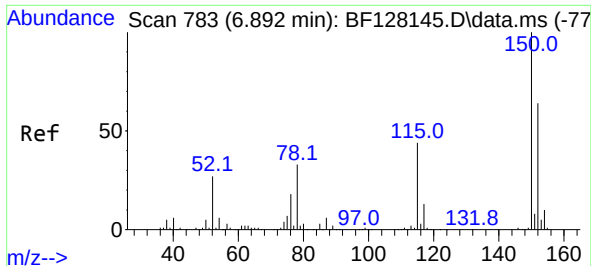
Instrument :
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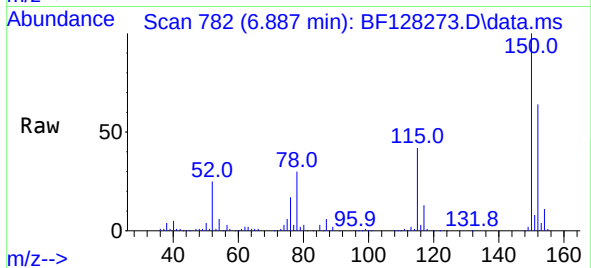
Quant Time: May 17 06:22:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

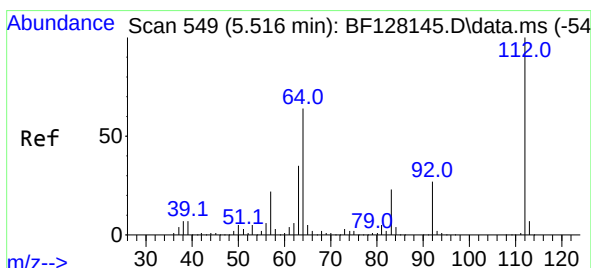
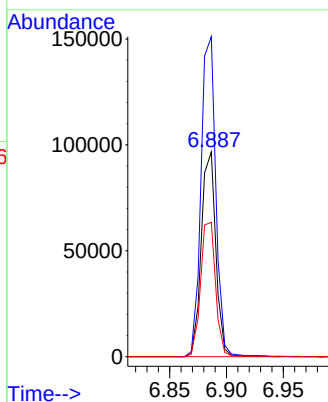
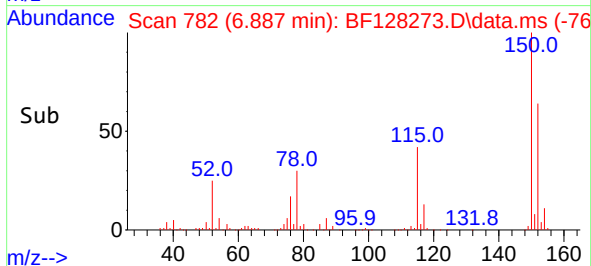
Instrument :
BNA_F
ClientSampleId :
SC-13DL



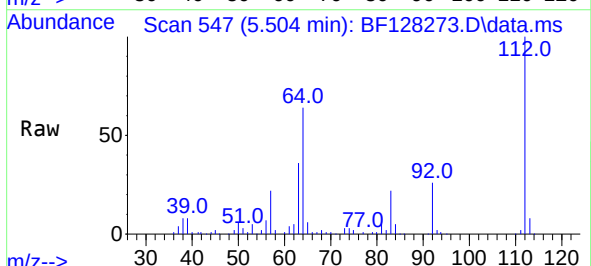
Tgt Ion:152 Resp: 86099
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 65.6 48.8 73.2

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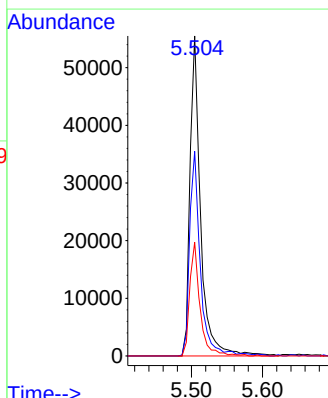
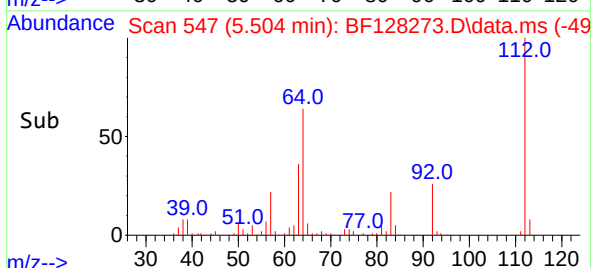
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

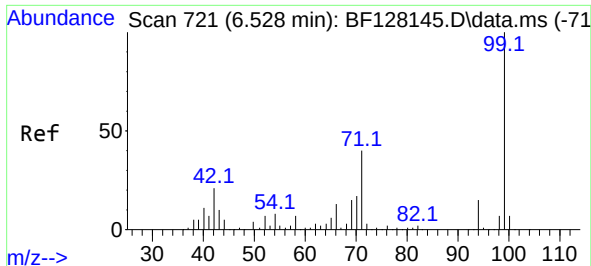


#5
2-Fluorophenol
Concen: 10.712 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43



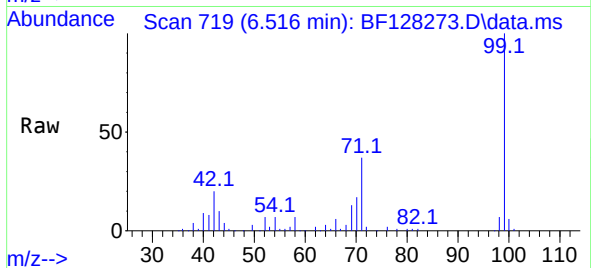
Tgt Ion:112 Resp: 57854
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 35.6 26.3 39.5





#7
Phenol-d6
Concen: 10.910 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

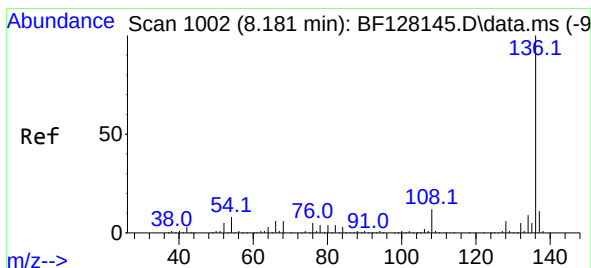
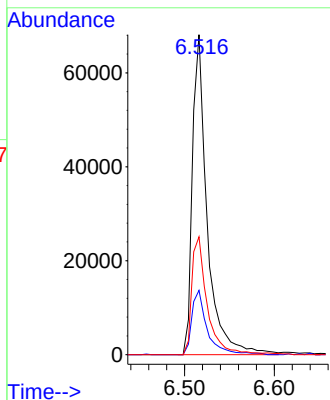
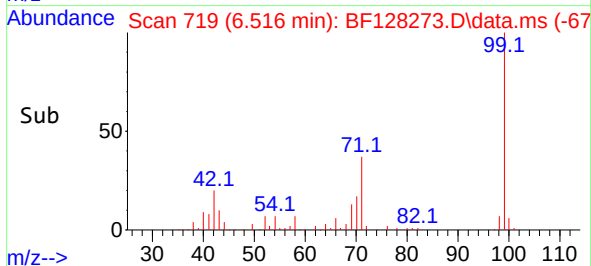
Instrument :
BNA_F
ClientSampleId :
SC-13DL



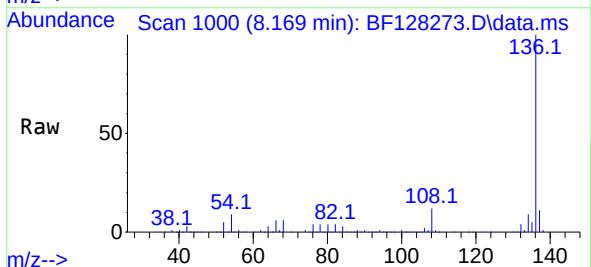
Tgt Ion: 99 Resp: 77939
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 36.9 30.0 45.0

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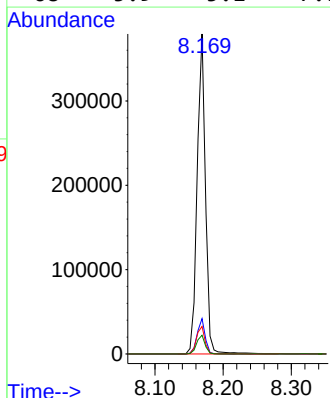
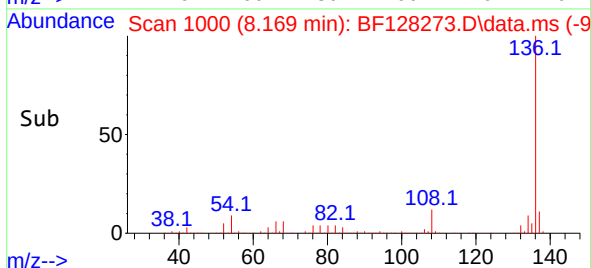
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

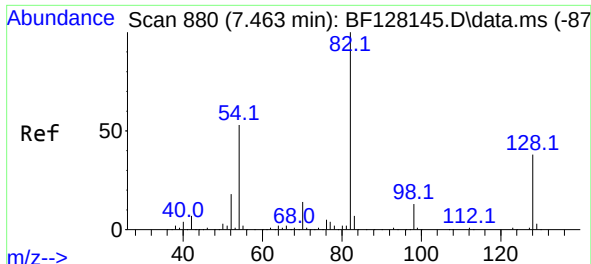


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43



Tgt Ion:136 Resp: 321861
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 6.8 10.2
68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 7.126 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF128273.D

Acq: 16 May 2022 17:43

Instrument :

BNA_F

ClientSampleId :

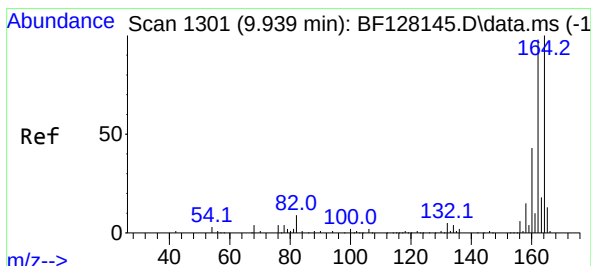
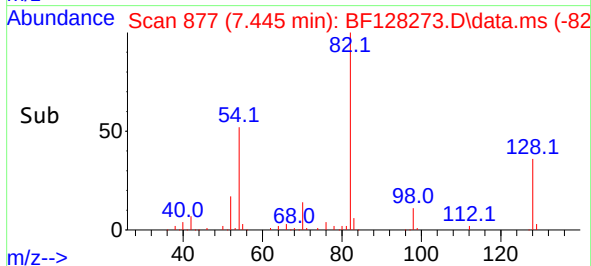
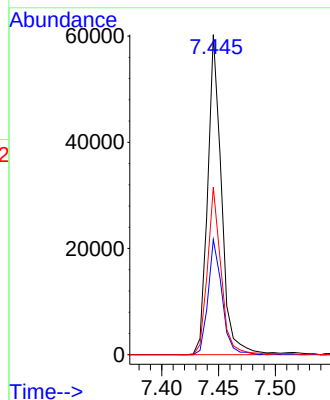
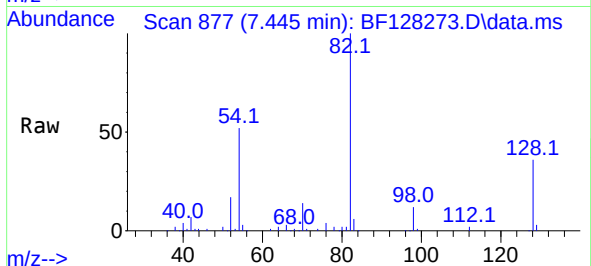
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Tgt Ion: 82	Resp: 50974
Ion Ratio	Lower Upper
82 100	
128 36.0	30.0 45.0
54 52.3	41.3 61.9

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Supervised By :Jagrut Upadhyay 05/17/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

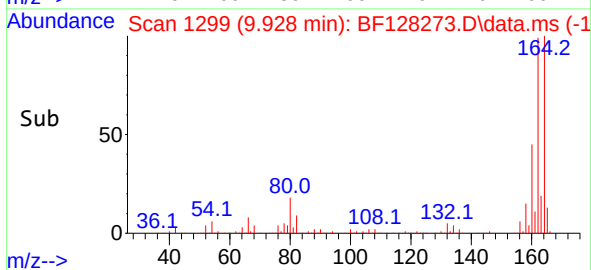
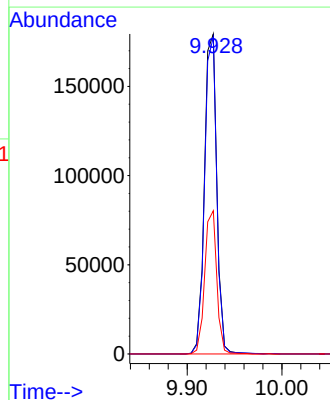
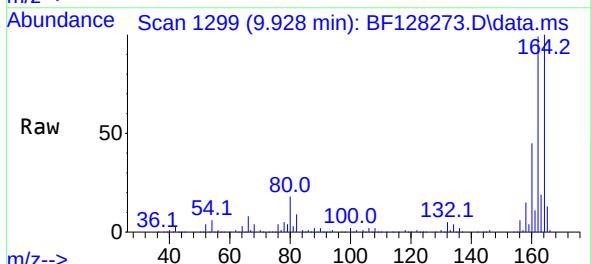
RT: 9.928 min Scan# 1299

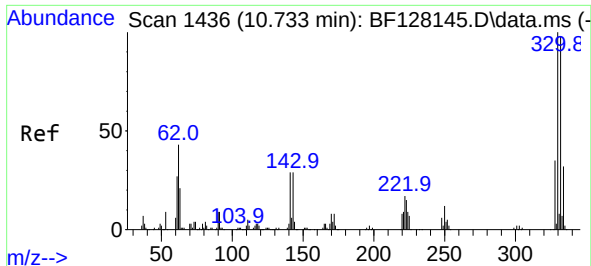
Delta R.T. -0.006 min

Lab File: BF128273.D

Acq: 16 May 2022 17:43

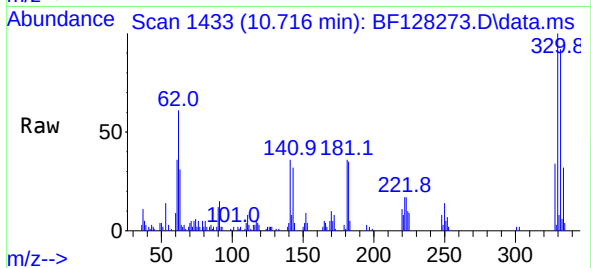
Tgt Ion:164	Resp: 161759
Ion Ratio	Lower Upper
164 100	
162 99.1	76.0 114.0
160 44.8	34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 7.368 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

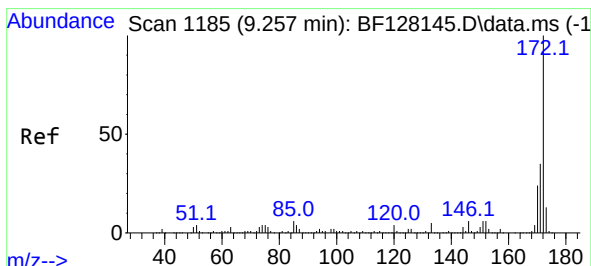
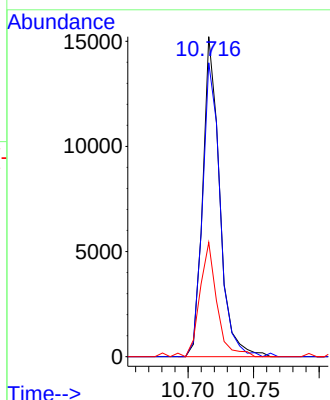
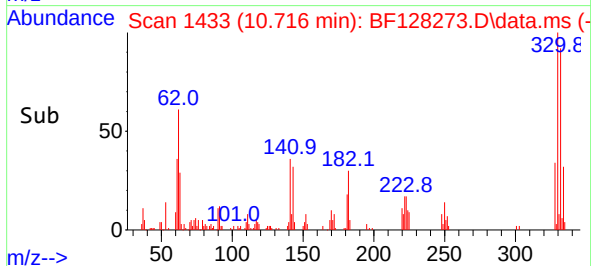
Instrument :
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ClientSampleId :
SC-13DL



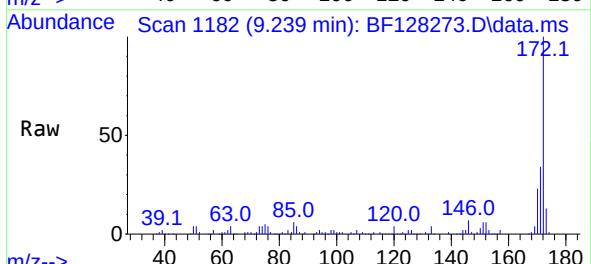
Tgt Ion: 330 Resp: 1366
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.4
141 36.2 28.9 43.3

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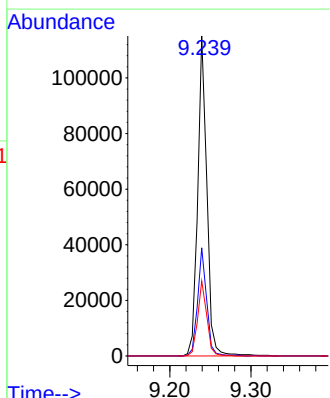
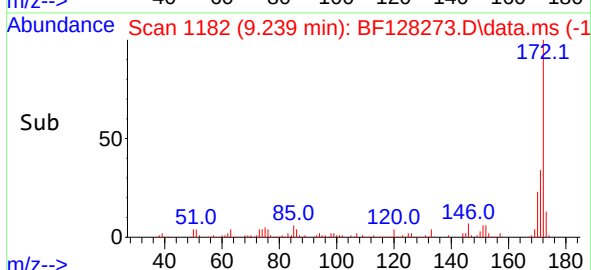
Reviewed By : Christian Giraldo 05/17/2022
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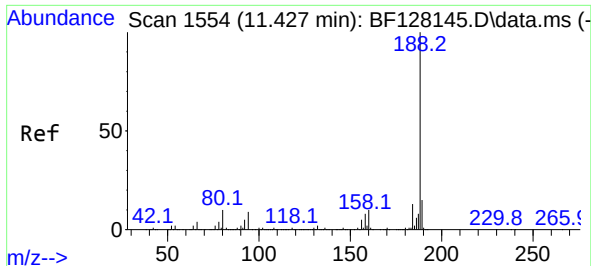


#45
2-Fluorobiphenyl
Concen: 8.808 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43



Tgt Ion: 172 Resp: 91062
Ion Ratio Lower Upper
172 100
171 33.8 28.6 42.8
170 23.5 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

Instrument :

BNA_F

ClientSampleId :

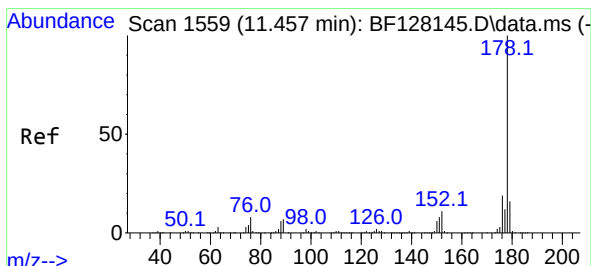
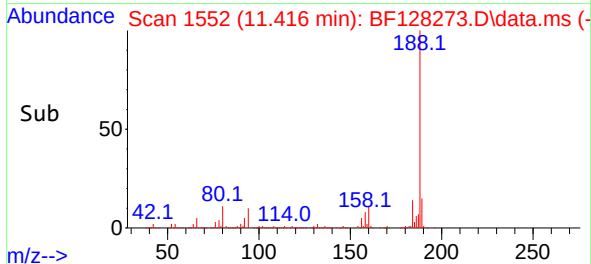
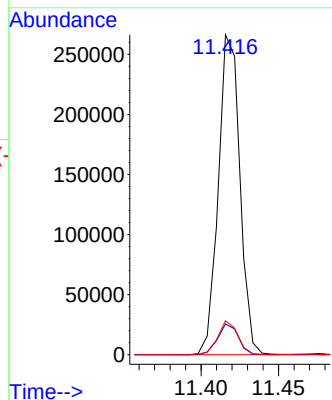
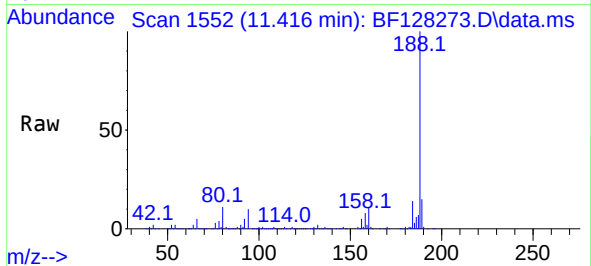
SC-13DL

Tgt Ion:188 Resp: 25733
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.6 8.9 13.3

Manual Integrations

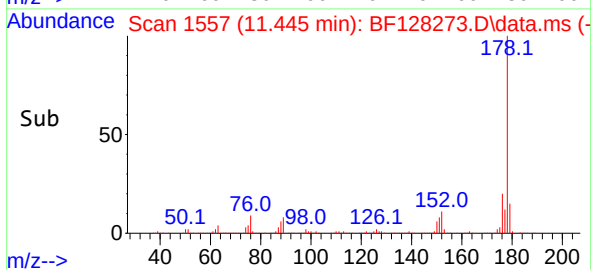
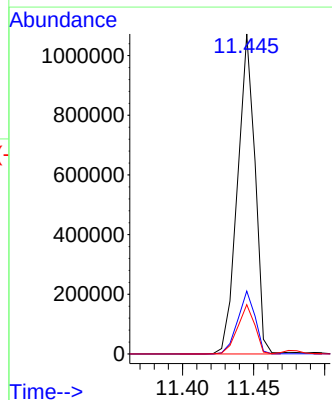
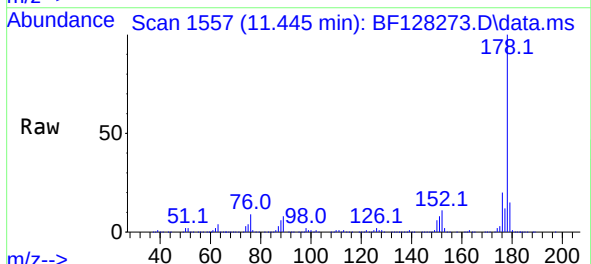
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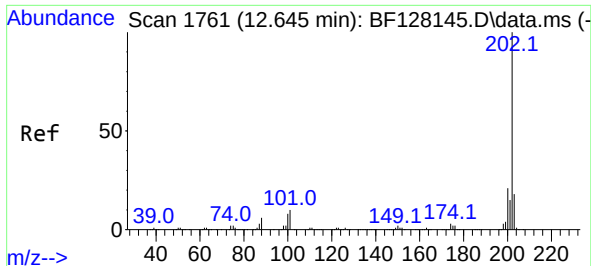
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#71
Phenanthrene
Concen: 71.523 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

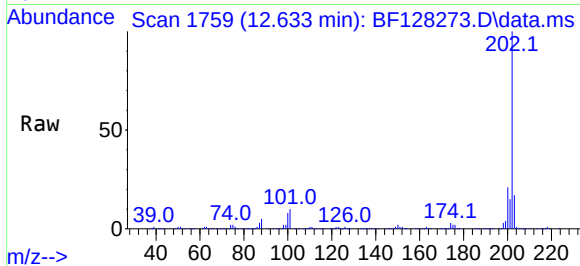
Tgt Ion:178 Resp: 916460
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.4 12.6 19.0





#75
Fluoranthene
Concen: 23.168 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

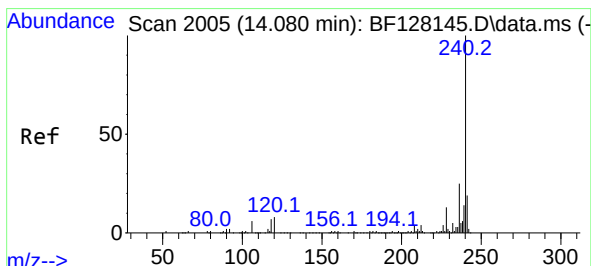
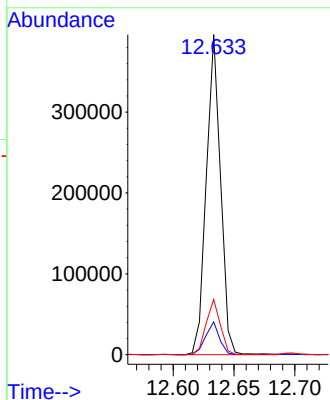
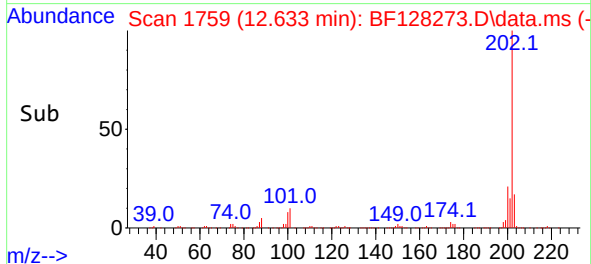
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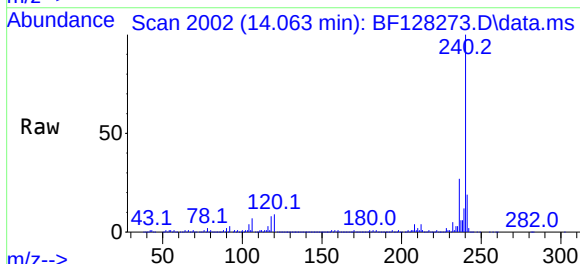
Tgt Ion:202 Resp: 32185
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.6
203 17.3 0.0 38.1

Manual Integrations
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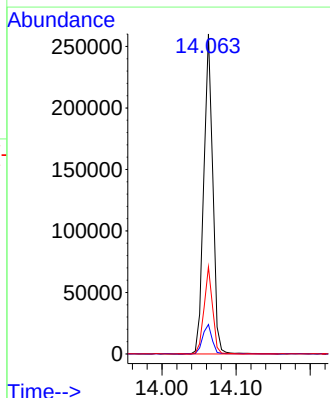
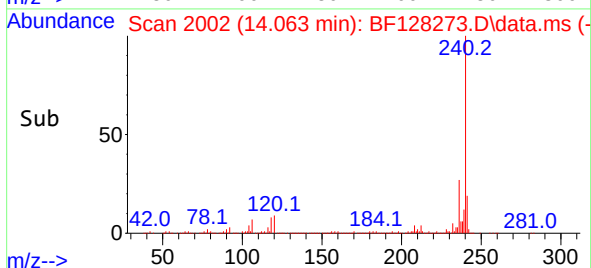
Reviewed By :Christian Giraldo 05/17/2022
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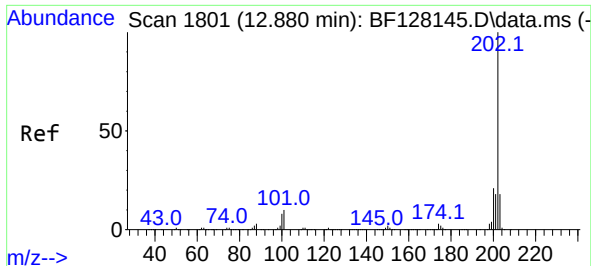


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43



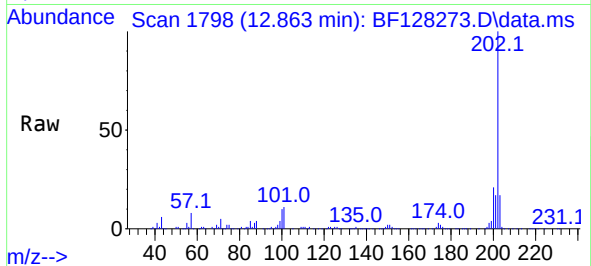
Tgt Ion:240 Resp: 220534
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 27.2 20.3 30.5





#78
Pyrene
Concen: 5.815 ng
RT: 12.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

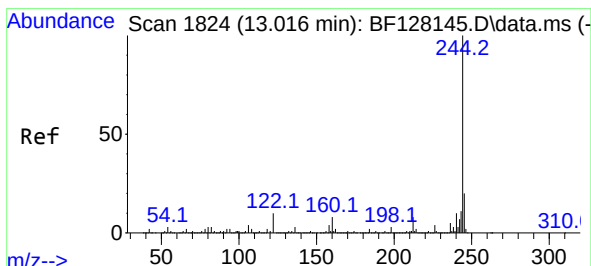
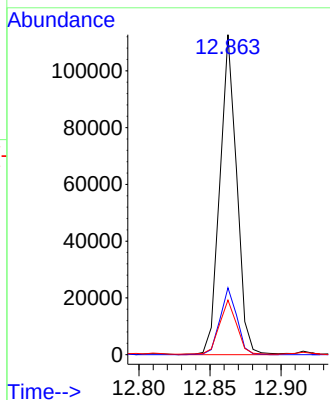
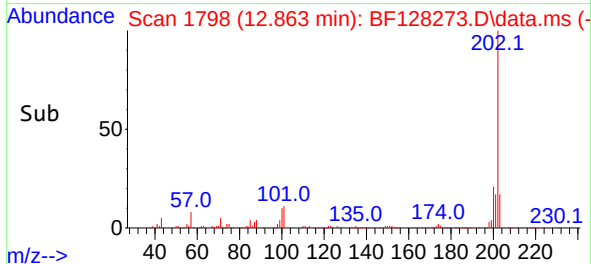
Instrument :
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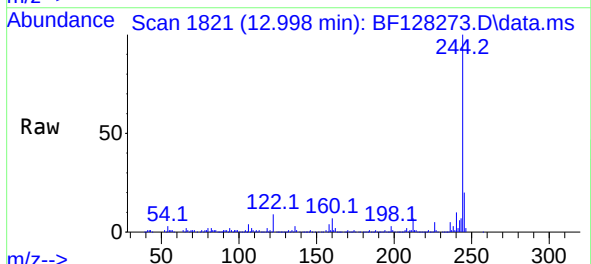
Tgt Ion:202 Resp: 92980
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.1 14.0 21.0

Manual Integrations
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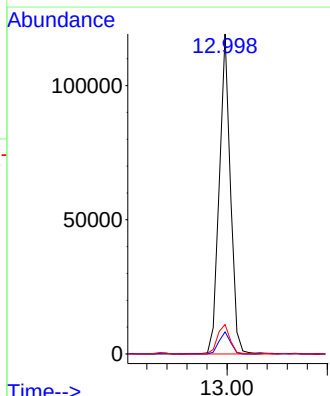
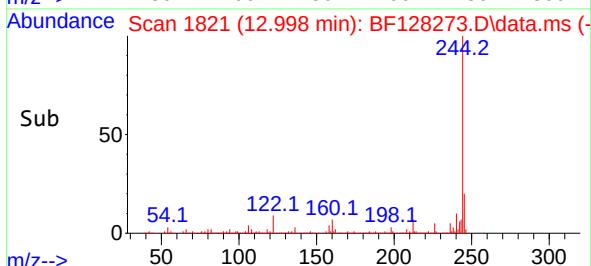
Reviewed By :Christian Giraldo 05/17/2022
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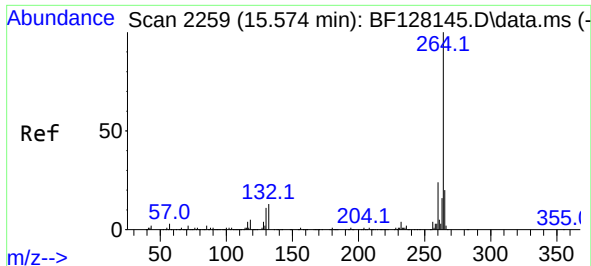


#79
Terphenyl-d14
Concen: 7.816 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43



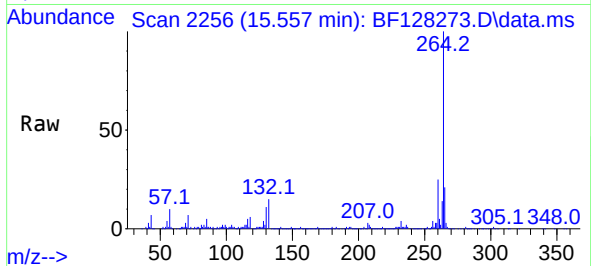
Tgt Ion:244 Resp: 91857
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.4
122 9.2 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

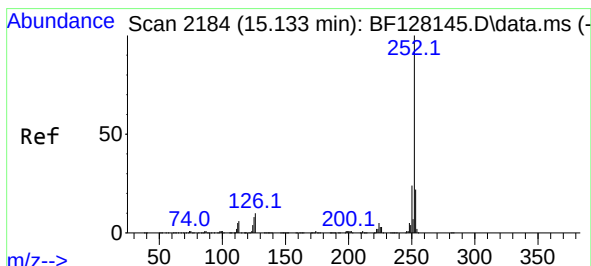
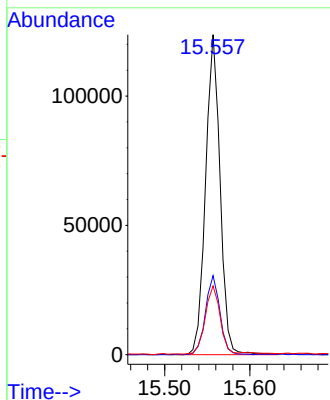
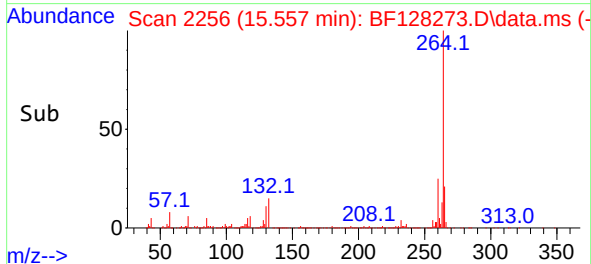
Instrument :
BNA_F
ClientSampleId :
SC-13DL



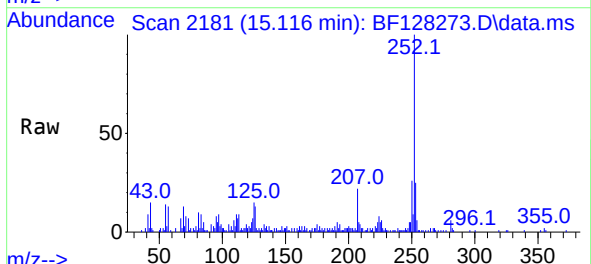
Tgt Ion:264 Resp: 146100
Ion Ratio Lower Upper
264 100
260 24.7 20.1 30.1
265 21.5 17.5 26.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#88
Benzo(b)fluoranthene
Concen: 2.996 ng m
RT: 15.116 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43



Tgt Ion:252 Resp: 27138
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.2
125 14.5 7.4 11.2#

