

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128305.D
 Acq On : 17 May 2022 22:07
 Operator : CG\JU
 Sample : N2856-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-051322

Quant Time: May 18 01:35:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/18/2022
 Supervised By :Jagrut Upadhyay 05/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84249	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	299583	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	139900	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	226260	20.000	ng	0.00
76) Chrysene-d12	14.063	240	154449	20.000	ng	0.00
86) Perylene-d12	15.563	264	104155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	260971	49.380	ng	0.00
7) Phenol-d6	6.510	99	337373	48.264	ng	0.00
23) Nitrobenzene-d5	7.439	82	225015	33.797	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	65769	40.991	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	346939	38.803	ng	0.00
79) Terphenyl-d14	12.998	244	336786	40.916	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.034	79	578018	104.638	ng	96
71) Phenanthrene	11.433	178	30053	2.668	ng	96
75) Fluoranthene	12.627	202	66984	5.484	ng	99
78) Pyrene	12.857	202	64951	5.800	ng	98
83) Chrysene	14.086	228	34319	3.646	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.027	149	42549	6.764	ng	# 97
88) Benzo(b)fluoranthene	15.121	252	27130m	4.202	ng	
90) Benzo(a)pyrene	15.498	252	13796	2.647	ng	# 44
92) Benzo(g,h,i)perylene	17.557	276	17582	3.404	ng	# 83

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

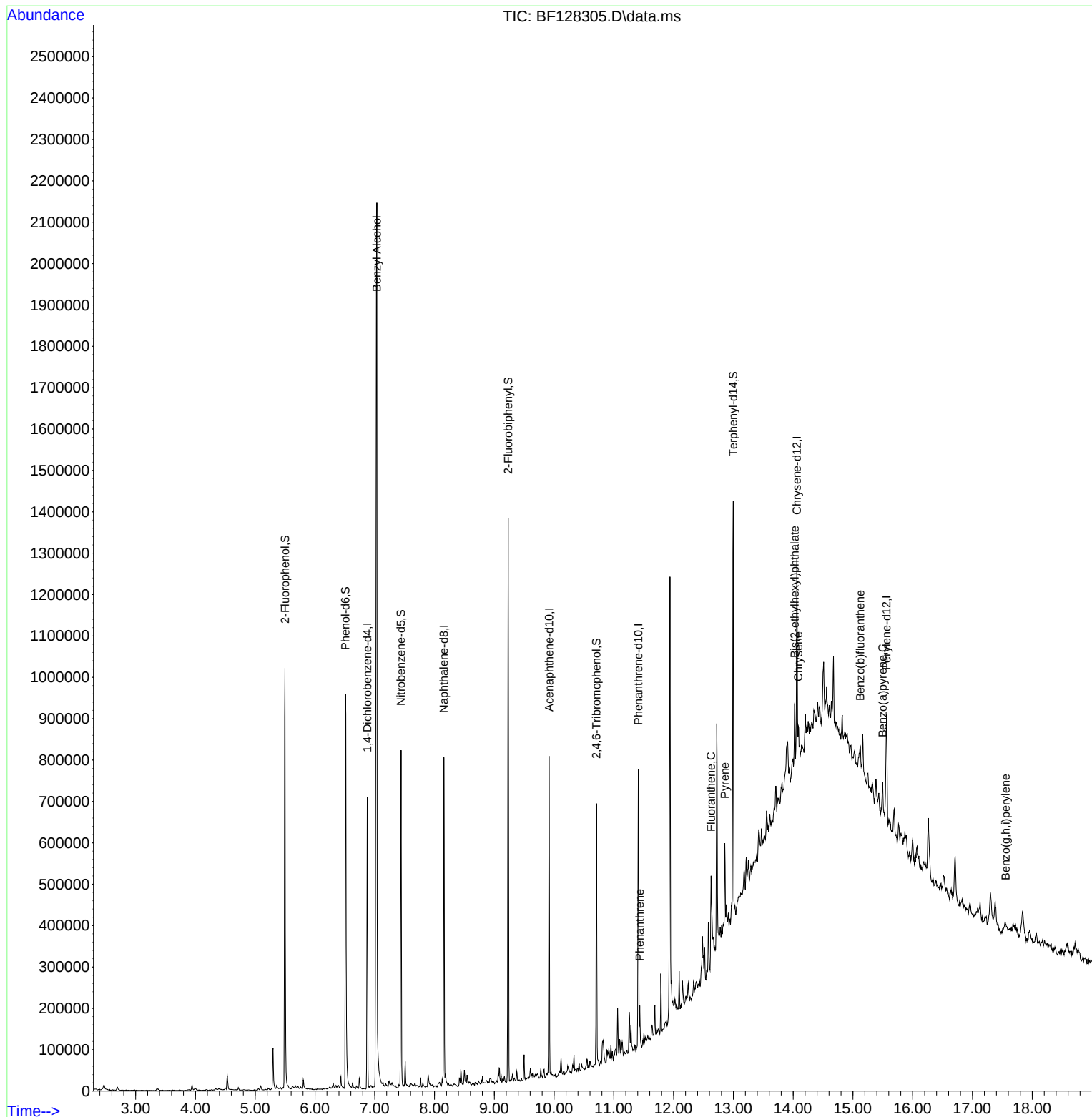
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
Data File : BF128305.D
Acq On : 17 May 2022 22:07
Operator : CG\JU
Sample : N2856-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

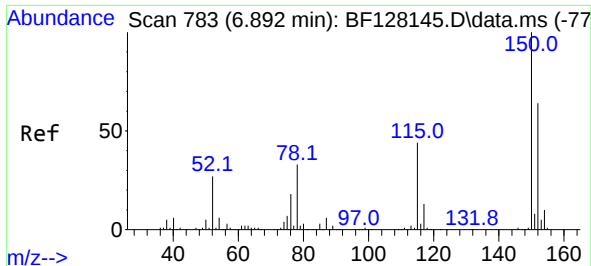
Instrument :
BNA_F
ClientSampleId :
HR-02-051322

Quant Time: May 18 01:35:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 01:31:11 2022
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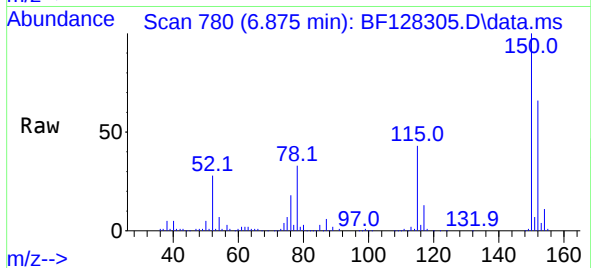
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Instrument :

BNA_F

ClientSampleId :

HR-02-051322

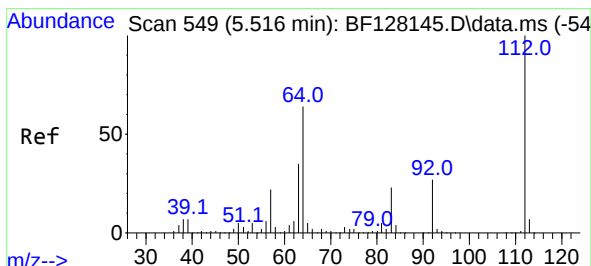
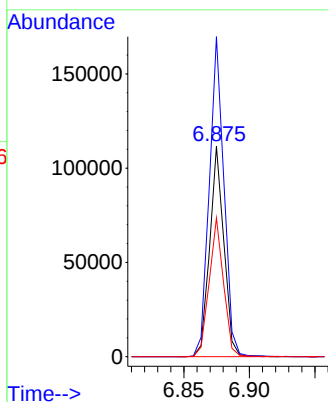
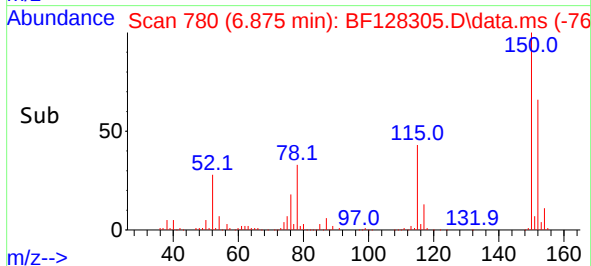


Tgt Ion:152 Resp: 84249
Ion Ratio Lower Upper
152 100
150 152.1 125.3 187.9
115 65.9 48.8 73.2

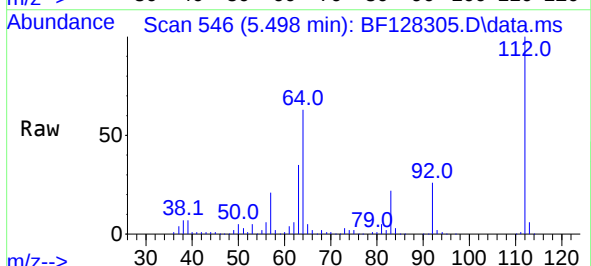
Manual Integrations

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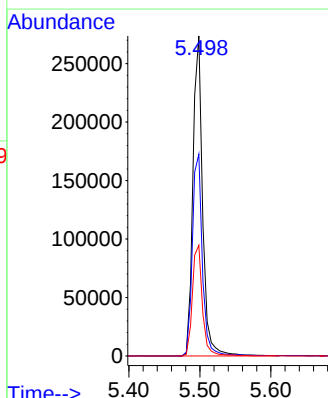
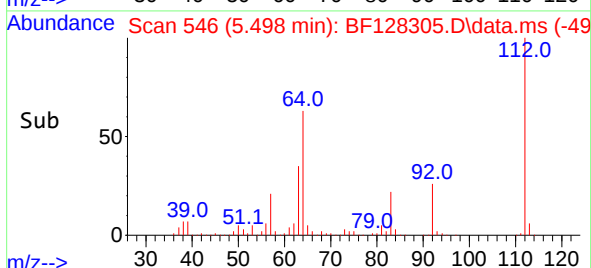
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

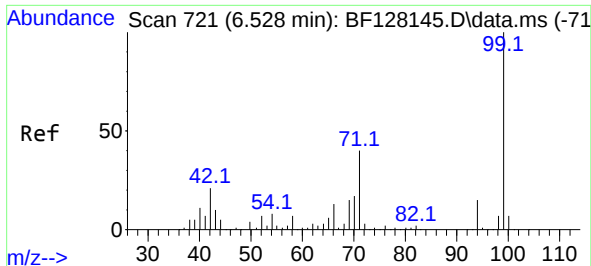


#5
2-Fluorophenol
Concen: 49.380 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07



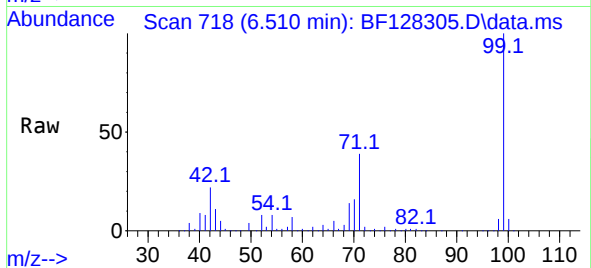
Tgt Ion:112 Resp: 260971
Ion Ratio Lower Upper
112 100
64 63.0 49.5 74.3
63 34.6 26.3 39.5





#7
Phenol-d6
Concen: 48.264 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

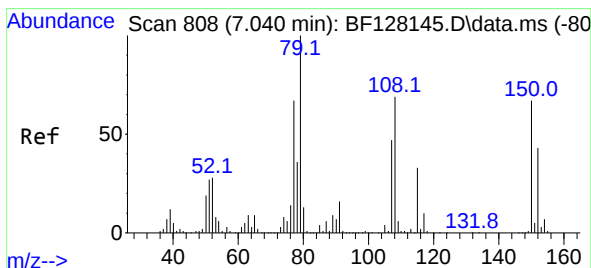
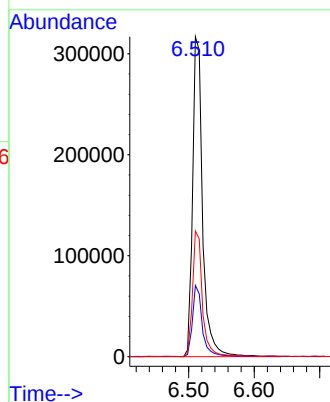
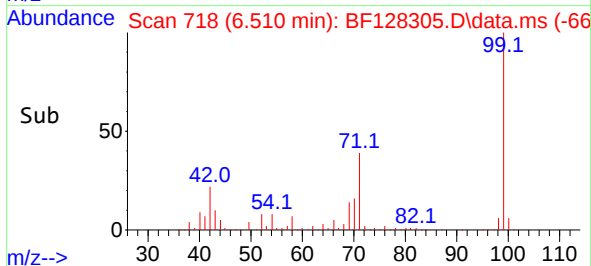
Instrument :
BNA_F
ClientSampleId :
HR-02-051322



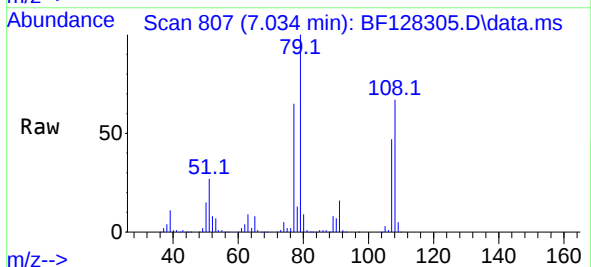
Tgt Ion: 99 Resp: 33737
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 39.3 30.0 45.0

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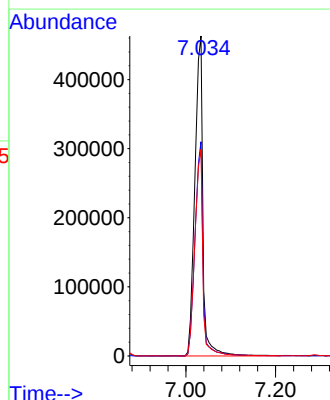
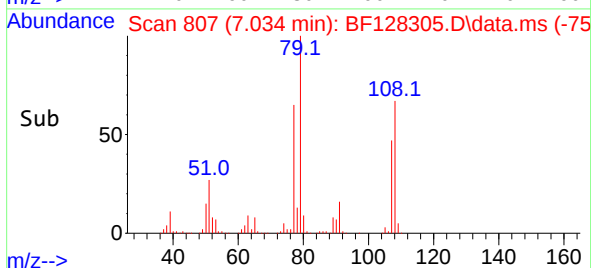
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

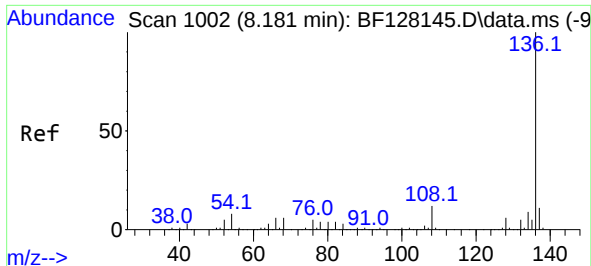


#15
Benzyl Alcohol
Concen: 104.638 ng
RT: 7.034 min Scan# 807
Delta R.T. 0.012 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07



Tgt Ion: 79 Resp: 578018
Ion Ratio Lower Upper
79 100
108 67.0 57.0 85.6
77 64.6 50.2 75.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Instrument :

BNA_F

ClientSampleId :

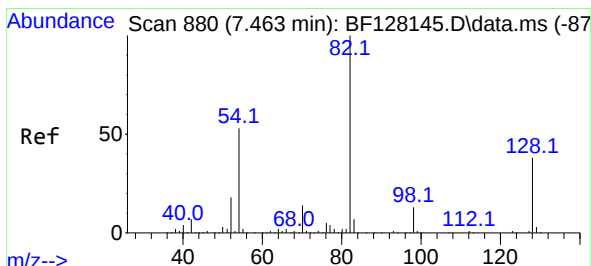
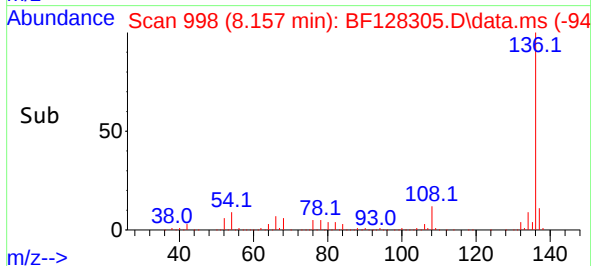
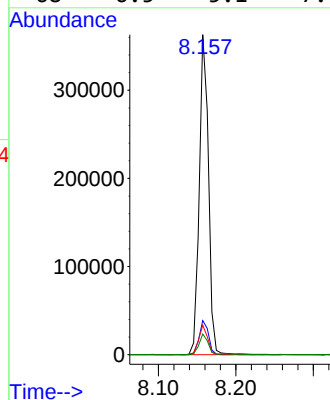
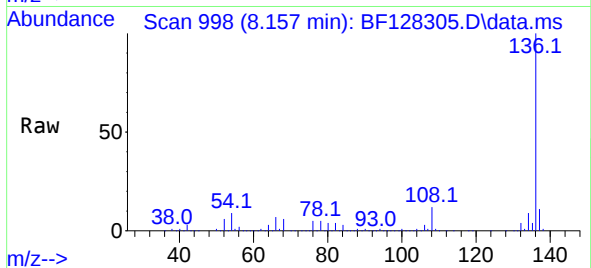
HR-02-051322

Tgt Ion:136 Resp: 29958
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.2 6.8 10.2
68 6.5 5.1 7.7

Manual Integrations

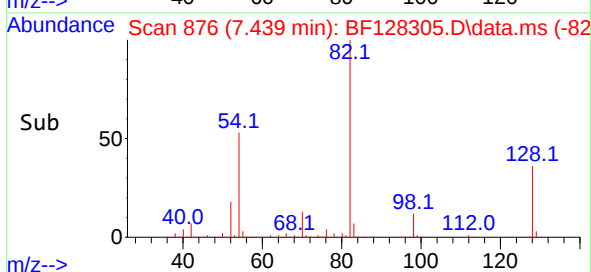
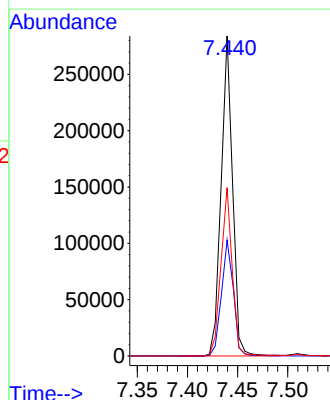
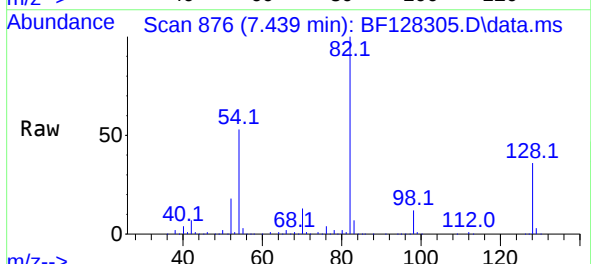
APPROVED

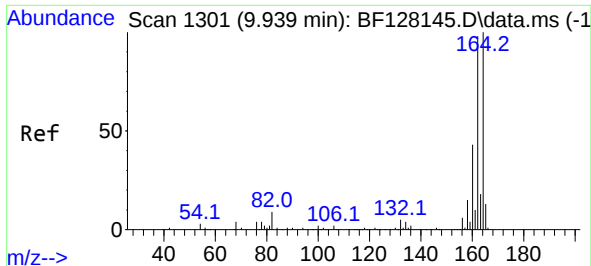
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#23
Nitrobenzene-d5
Concen: 33.797 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

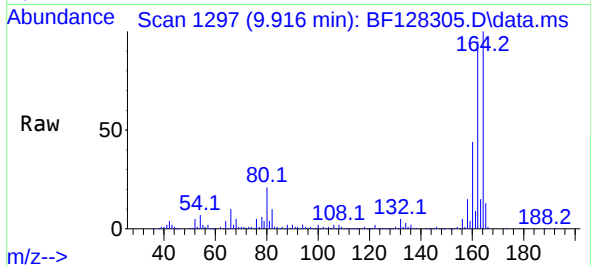
Tgt Ion: 82 Resp: 225015
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 52.6 41.3 61.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

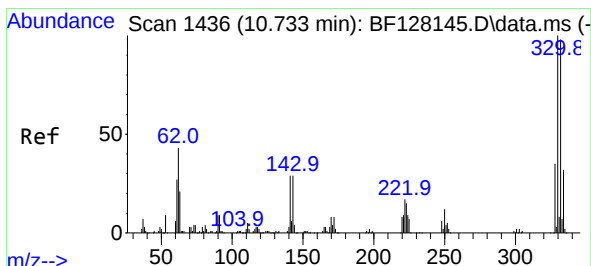
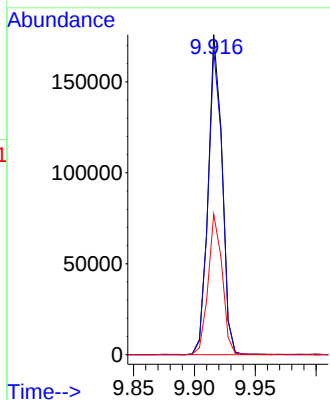
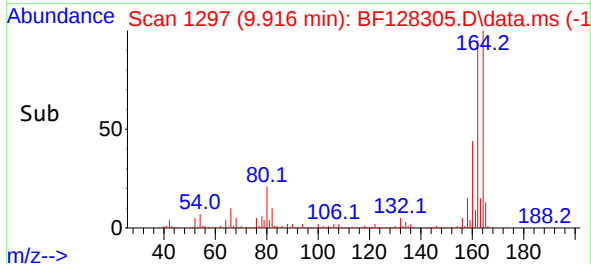
Instrument :
BNA_F
ClientSampleId :
HR-02-051322



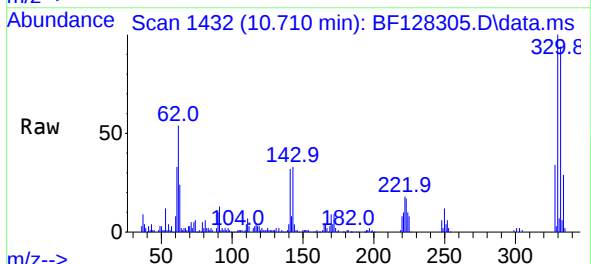
Tgt Ion:164 Resp: 139900
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 43.9 34.8 52.2

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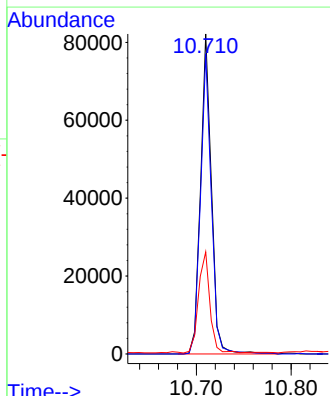
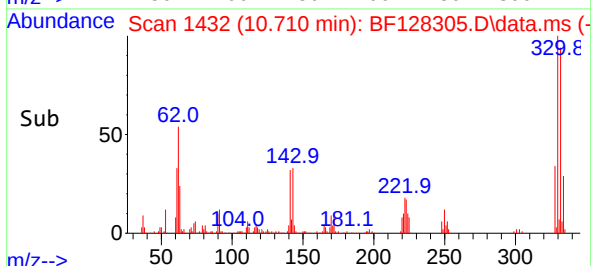
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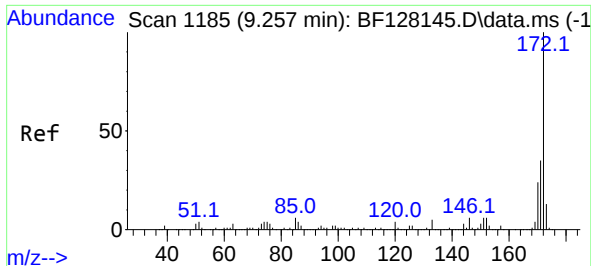


#42
2,4,6-Tribromophenol
Concen: 40.991 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07



Tgt Ion:330 Resp: 65769
Ion Ratio Lower Upper
330 100
332 93.4 79.0 118.4
141 33.1 28.9 43.3





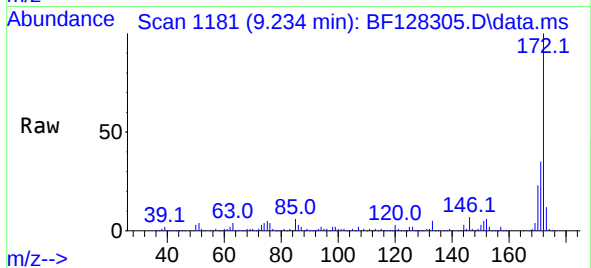
#45
2-Fluorobiphenyl
Concen: 38.803 ng
RT: 9.234 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Instrument :

BNA_F

ClientSampleId :

HR-02-051322

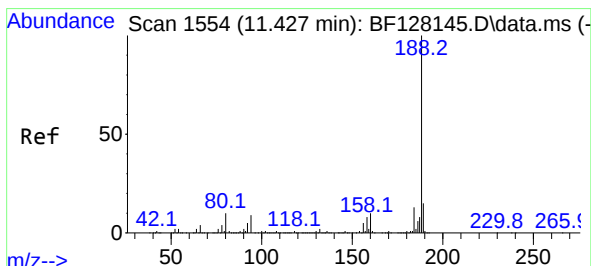
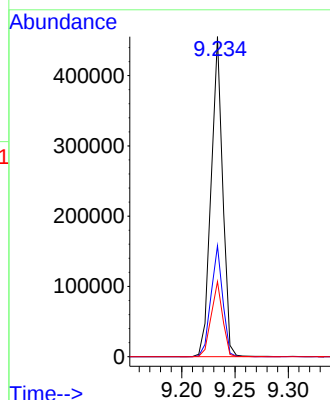


Tgt Ion:172 Resp: 346939
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.4 19.1 28.7

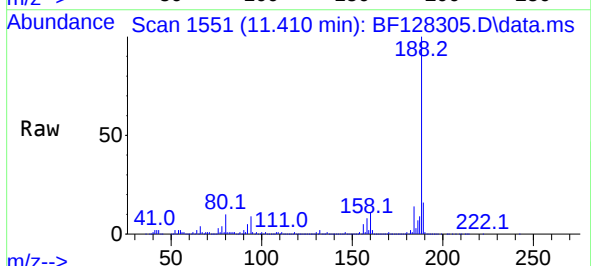
Manual Integrations

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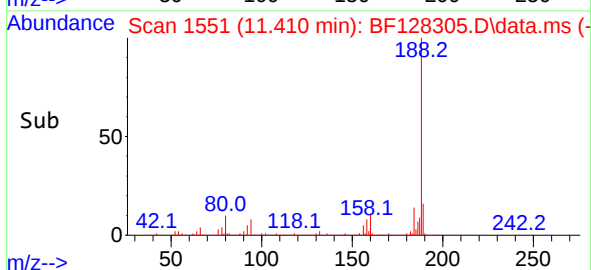
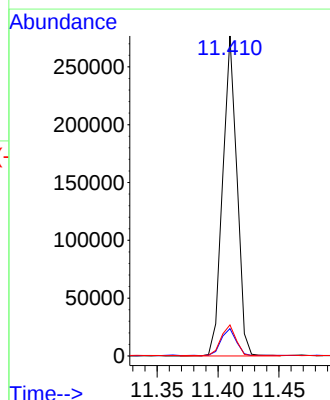
Reviewed By :Christian Giraldo 05/18/2022
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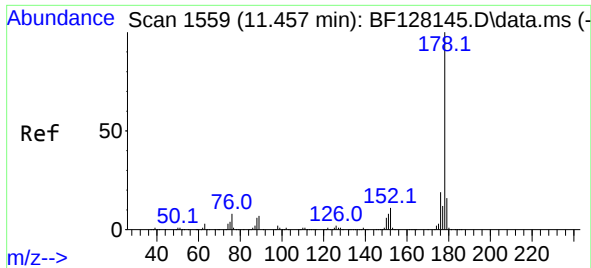


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07



Tgt Ion:188 Resp: 226260
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.7 8.9 13.3





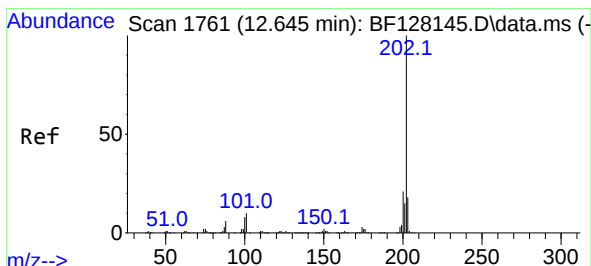
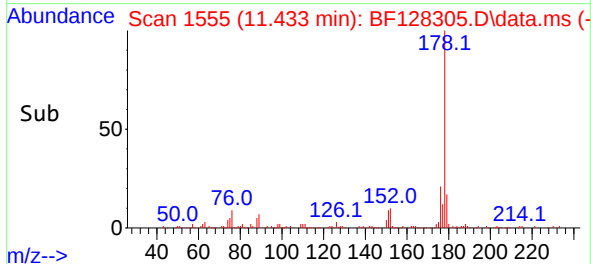
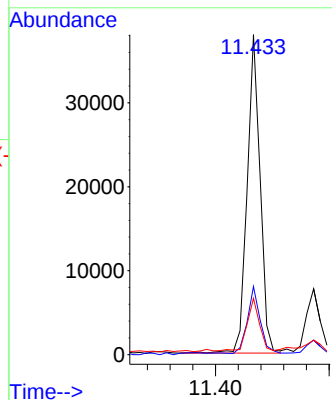
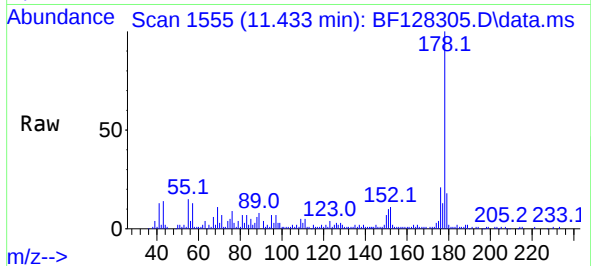
#71
Phenanthrene
Concen: 2.668 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Instrument :
BNA_F
ClientSampleId :
HR-02-051322

Tgt Ion:178 Resp: 3005
Ion Ratio Lower Upper
178 100
176 21.3 15.7 23.5
179 17.6 12.6 19.0

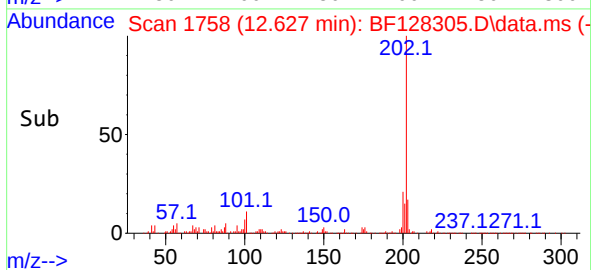
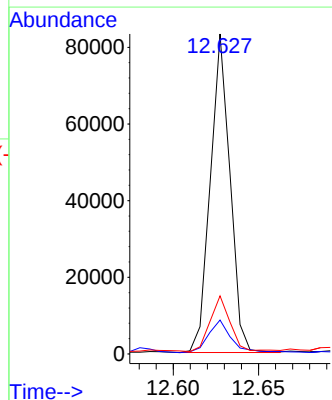
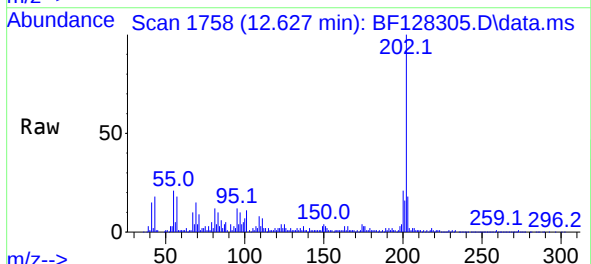
Manual Integrations
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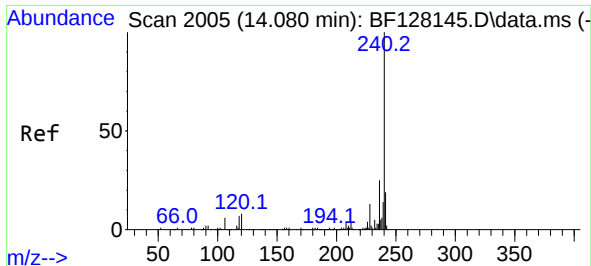
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#75
Fluoranthene
Concen: 5.484 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Tgt Ion:202 Resp: 66984
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.6
203 18.1 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF128305.D

Acq: 17 May 2022 22:07

Instrument :

BNA_F

ClientSampleId :

HR-02-051322

Tgt Ion:240 Resp: 154449

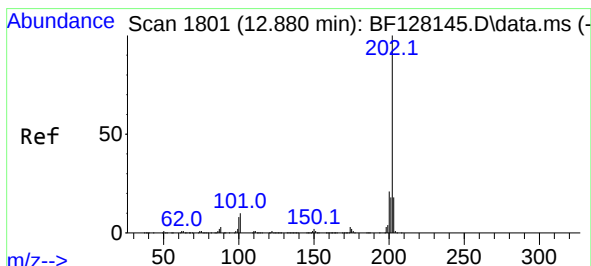
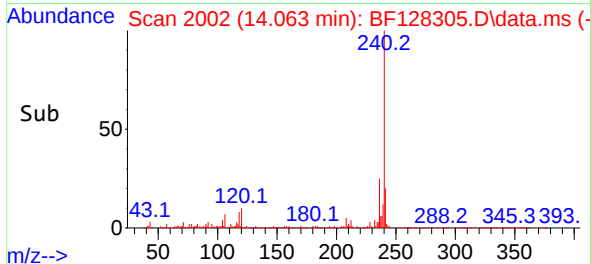
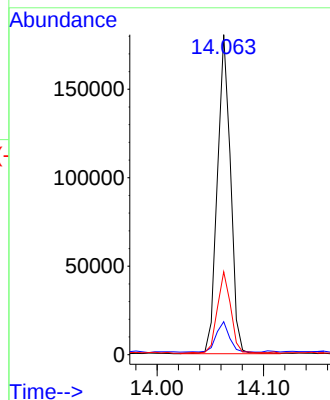
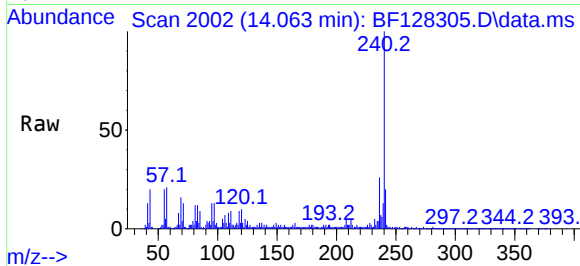
Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.0	10.6
236	25.9	20.3	30.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/18/2022



#78

Pyrene

Concen: 5.800 ng

RT: 12.857 min Scan# 1797

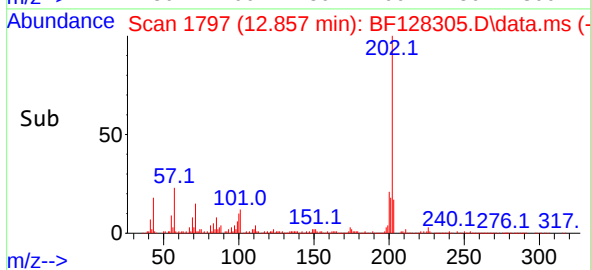
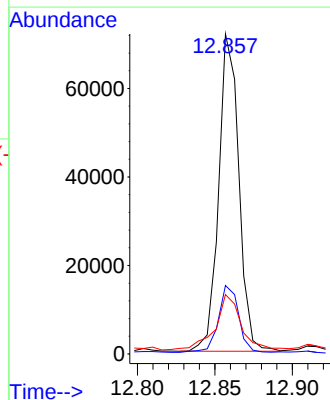
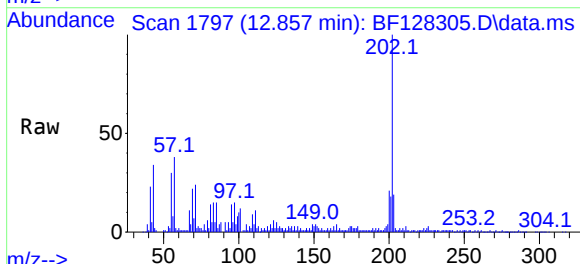
Delta R.T. -0.006 min

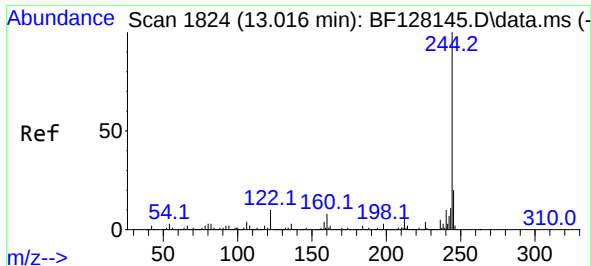
Lab File: BF128305.D

Acq: 17 May 2022 22:07

Tgt Ion:202 Resp: 64951

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.5	14.0	21.0





#79
 Terphenyl-d14
 Concen: 40.916 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128305.D
 Acq: 17 May 2022 22:07

Instrument :

BNA_F

ClientSampleId :

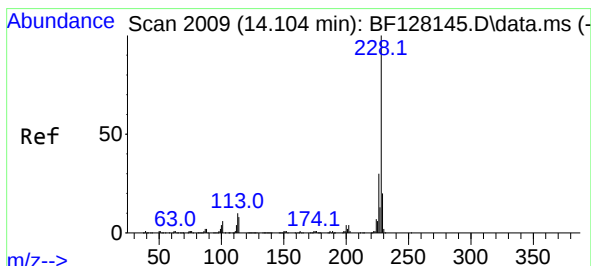
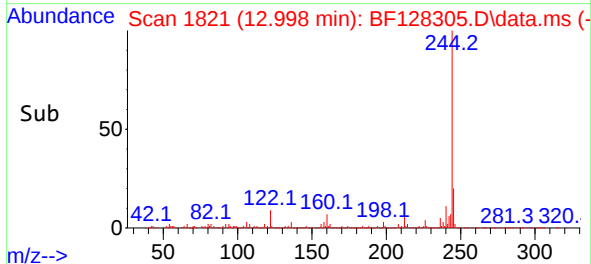
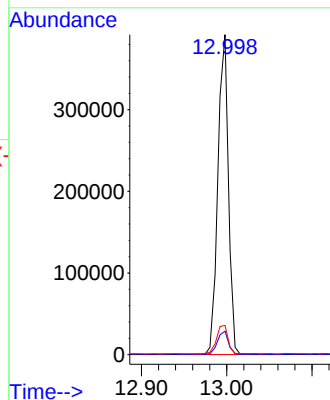
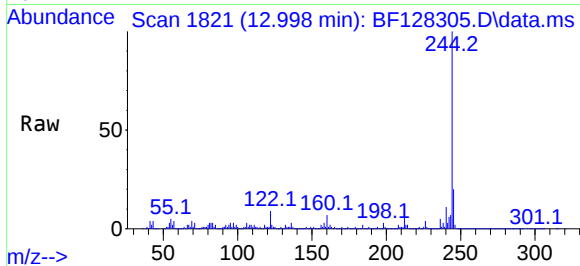
HR-02-051322

Tgt Ion:244 Resp: 336780
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.1 8.6 12.8

Manual Integrations

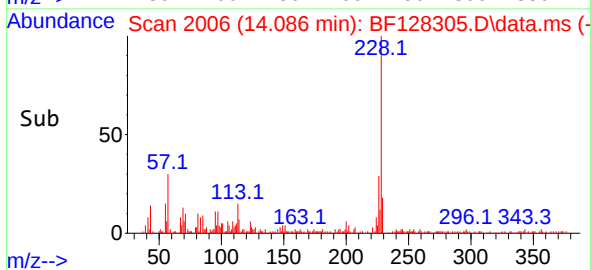
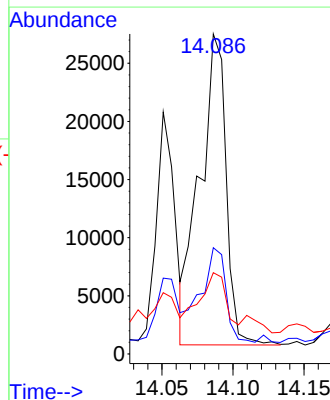
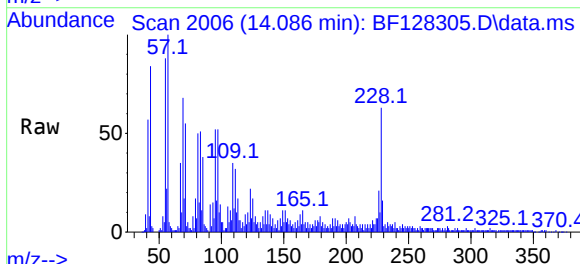
APPROVED

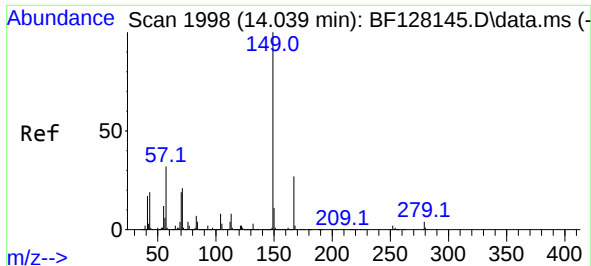
Reviewed By :Christian Giraldo 05/18/2022
 Supervised By :Jagrut Upadhyay 05/18/2022



#83
 Chrysene
 Concen: 3.646 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF128305.D
 Acq: 17 May 2022 22:07

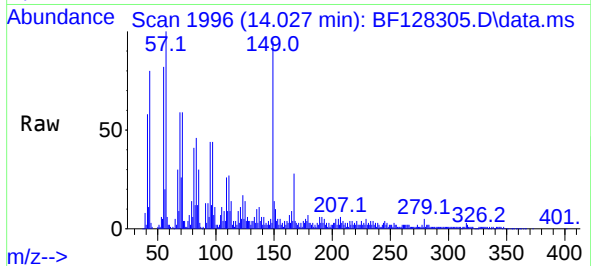
Tgt Ion:228 Resp: 34319
 Ion Ratio Lower Upper
 228 100
 226 33.2 24.4 36.6
 229 25.4 15.8 23.8#





#84
Bis(2-ethylhexyl)phthalate
Concen: 6.764 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

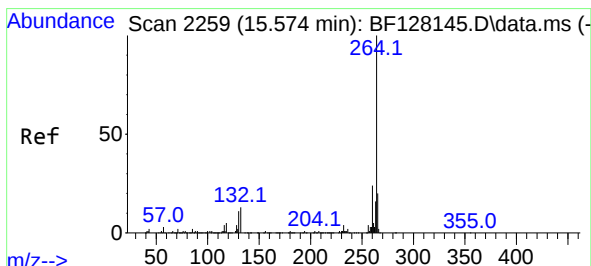
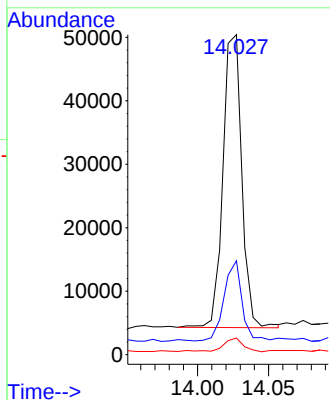
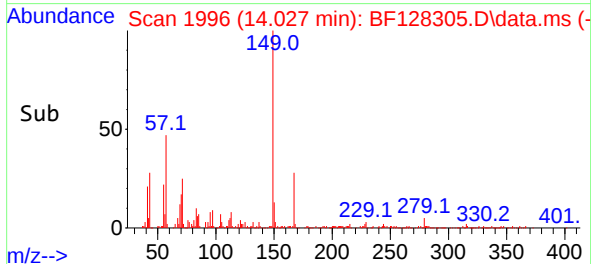
Instrument :
BNA_F
ClientSampleId :
HR-02-051322



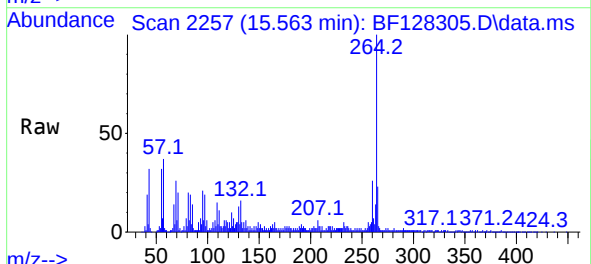
Tgt Ion:149 Resp: 42549
Ion Ratio Lower Upper
149 100
167 29.4 22.0 33.0
279 5.2 3.4 5.0

Manual Integrations
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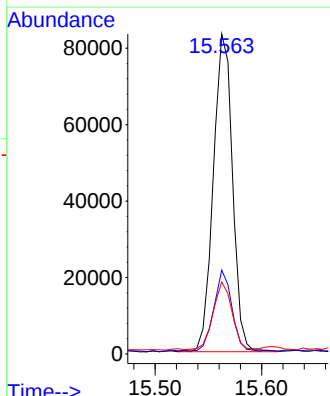
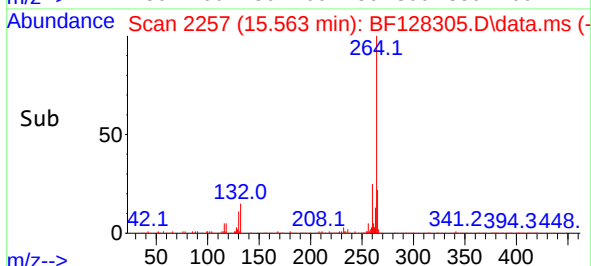
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

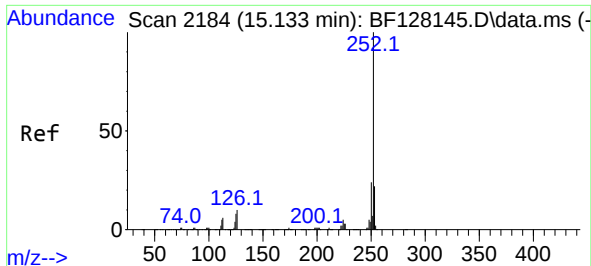


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07



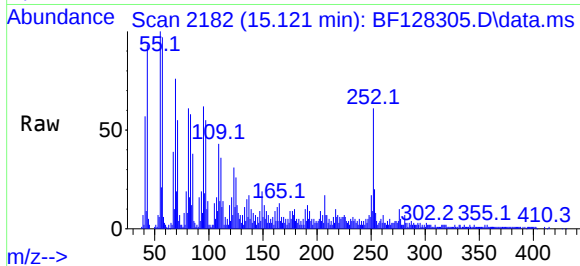
Tgt Ion:264 Resp: 104155
Ion Ratio Lower Upper
264 100
260 26.2 20.1 30.1
265 22.5 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 4.202 ng m
RT: 15.121 min Scan# 2184
Delta R.T. 0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

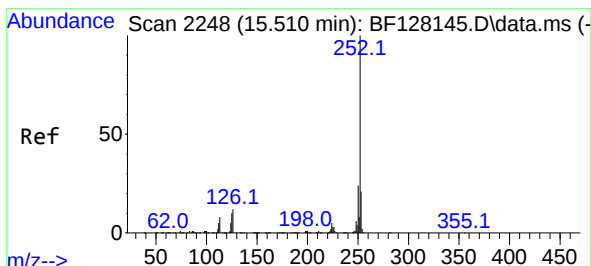
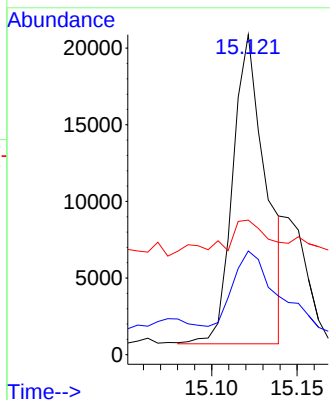
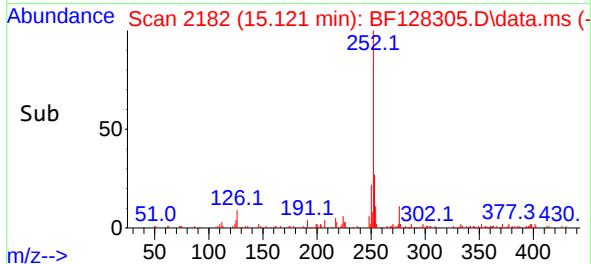
Instrument :
BNA_F
ClientSampleId :
HR-02-051322



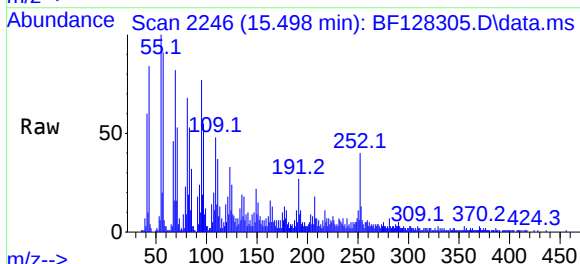
Tgt Ion:252 Resp: 27130
Ion Ratio Lower Upper
252 100
253 32.4 17.4 26.2#
125 42.1 7.4 11.2#

Manual Integrations
APPROVED

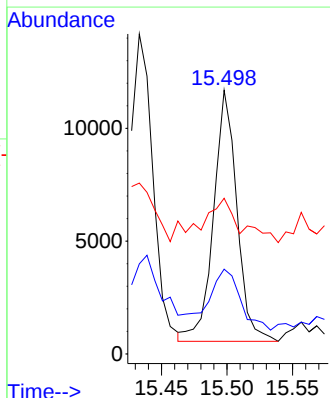
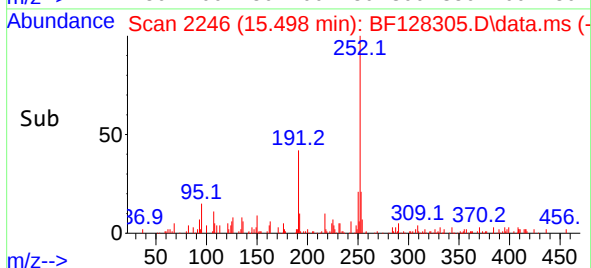
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

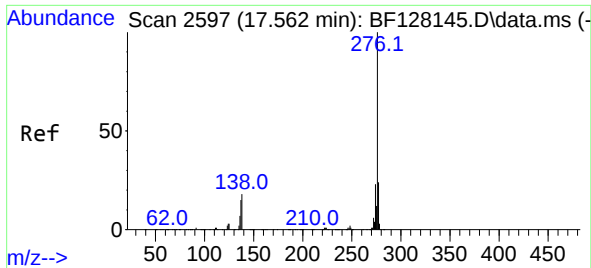


#90
Benzo(a)pyrene
Concen: 2.647 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07



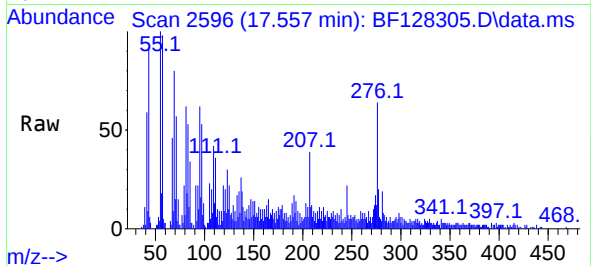
Tgt Ion:252 Resp: 13796
Ion Ratio Lower Upper
252 100
253 32.1 17.8 26.6#
125 59.1 9.2 13.8#





#92
Benzo(g,h,i)perylene
Concen: 3.404 ng
RT: 17.557 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF128305.D
Acq: 17 May 2022 22:07

Instrument :
BNA_F
ClientSampleId :
HR-02-051322



Tgt Ion:	276	Resp:	1758
Ion	Ratio	Lower	Upper
276	100		
277	31.0	18.8	28.2
138	28.9	16.2	24.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

