

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129325.D
 Acq On : 22 Jul 2022 20:21
 Operator : CG\JU
 Sample : N3814-02 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-4(5-10)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/25/2022
 Supervised By : Jagrut Upadhyay 07/25/2022

Quant Time: Jul 23 01:24:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	126411	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	446714	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	295314	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	446051	20.000	ng	0.00
76) Chrysene-d12	14.068	240	425542	20.000	ng	-0.01
86) Perylene-d12	15.562	264	331867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	89275	11.519	ng	-0.01
7) Phenol-d6	6.510	99	108372	10.969	ng	-0.02
23) Nitrobenzene-d5	7.451	82	67330	8.109	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	26939	9.455	ng	-0.02
45) 2-Fluorobiphenyl	9.245	172	175702	9.153	ng	-0.01
79) Terphenyl-d14	13.004	244	154261	6.751	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	77441	3.163	ng	98
75) Fluoranthene	12.633	202	117531	4.710	ng	99
78) Pyrene	12.863	202	120453	3.310	ng	97
81) Benzo(a)anthracene	14.057	228	68461	2.336	ng	95
83) Chrysene	14.092	228	61579	2.226	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	36617	2.008	ng	98
88) Benzo(b)fluoranthene	15.115	252	64444m	2.918	ng	
90) Benzo(a)pyrene	15.492	252	44811	2.507	ng	# 92

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

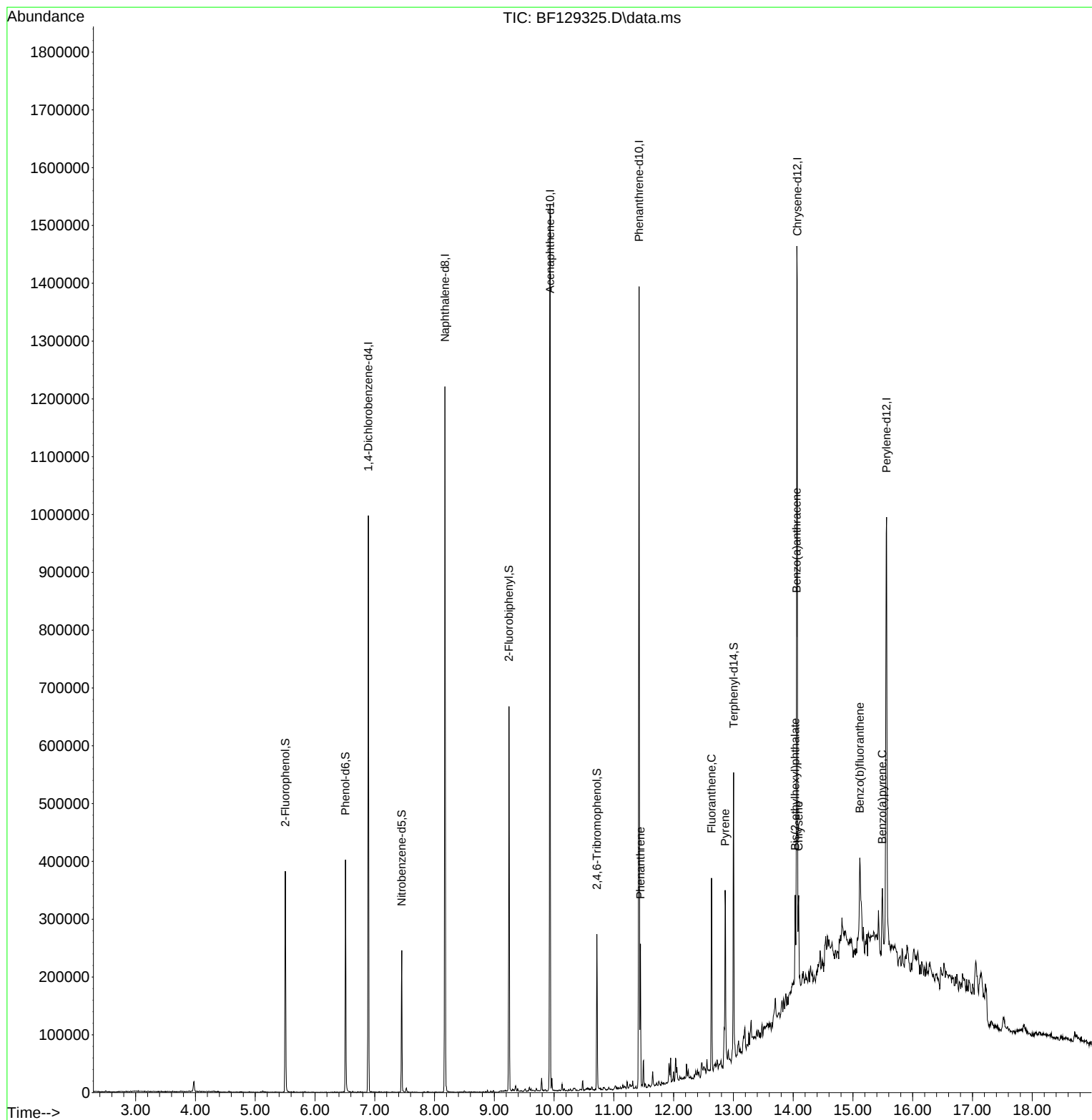
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129325.D
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Sample : N3814-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

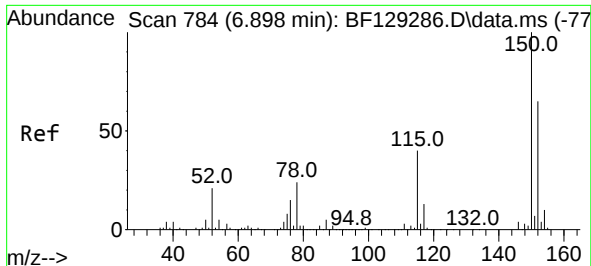
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ENV-DE-4(5-10)

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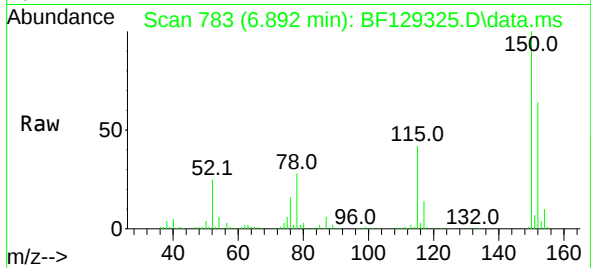
Quant Time: Jul 23 01:24:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 13:42:18 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

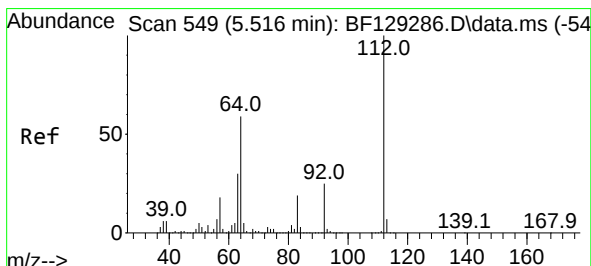
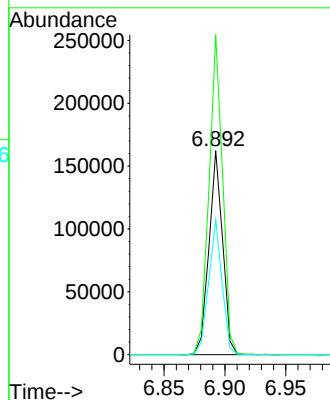
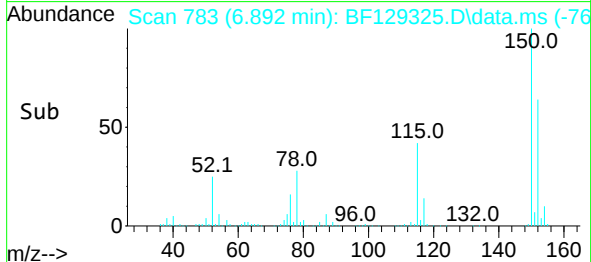
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(5-10)



Tgt Ion:152 Resp: 12641
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 66.1 49.9 74.9

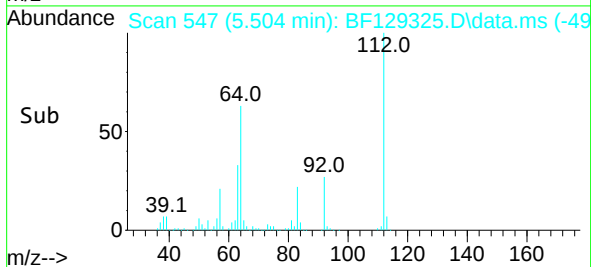
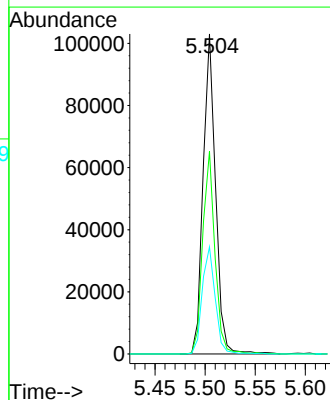
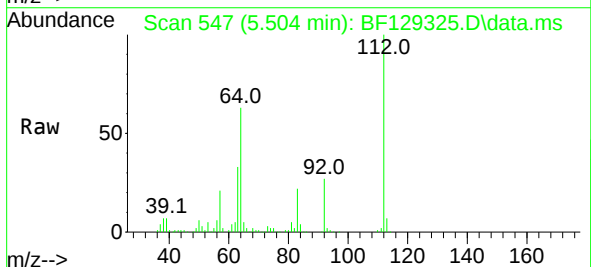
Manual Integrations
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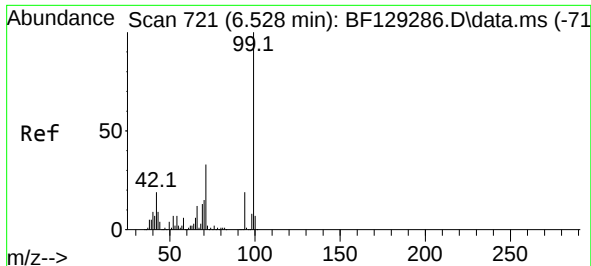
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#5
2-Fluorophenol
Concen: 11.519 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.012 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

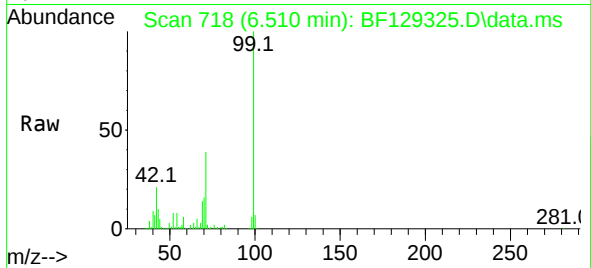
Tgt Ion:112 Resp: 89275
Ion Ratio Lower Upper
112 100
64 63.3 53.3 79.9
63 33.4 28.0 42.0





#7
Phenol-d6
Concen: 10.969 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

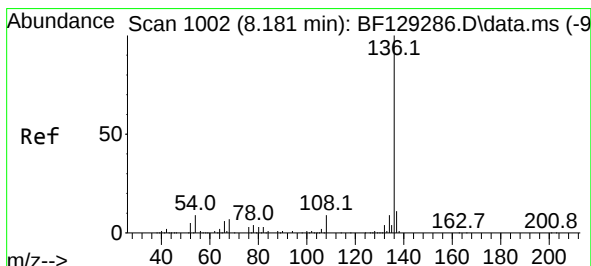
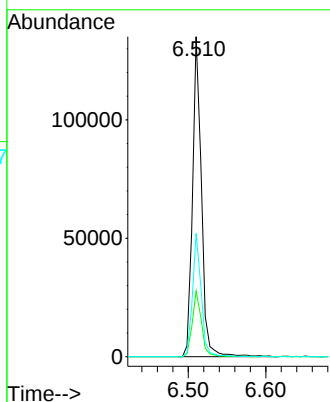
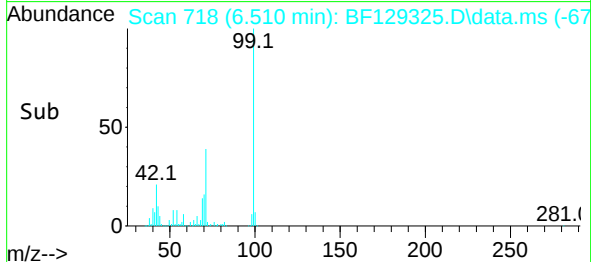
Instrument :
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ClientSampleId :
ENV-DE-4(5-10)



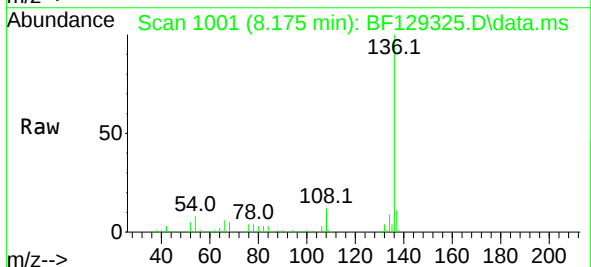
Tgt Ion: 99 Resp: 108372
Ion Ratio Lower Upper
99 100
42 20.5 17.3 25.9
71 38.6 28.9 43.3

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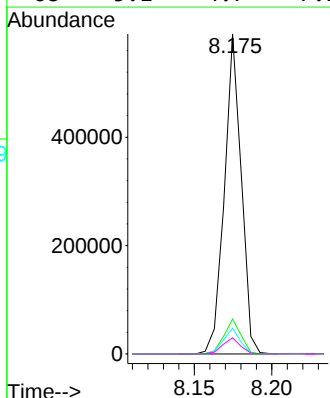
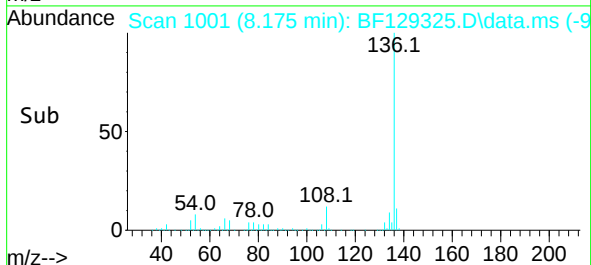
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

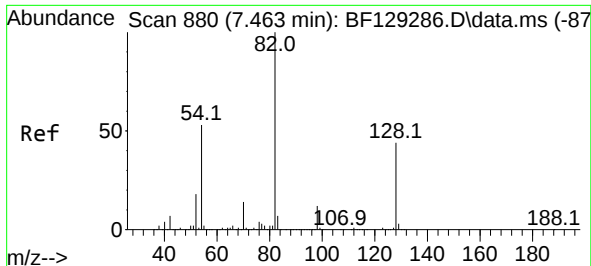


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21



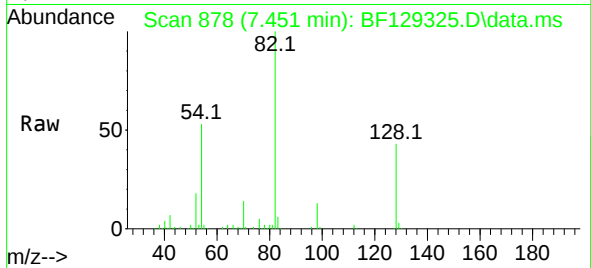
Tgt Ion:136 Resp: 446714
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 7.5 11.3
68 5.1 4.7 7.1





#23
Nitrobenzene-d5
Concen: 8.109 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

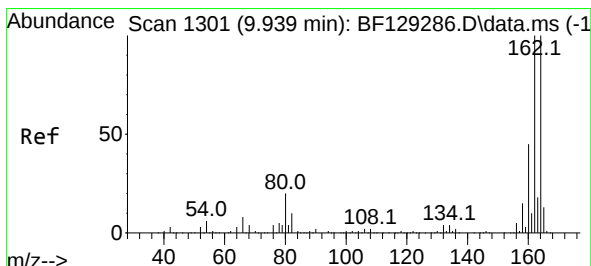
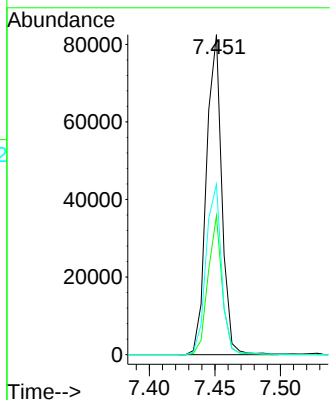
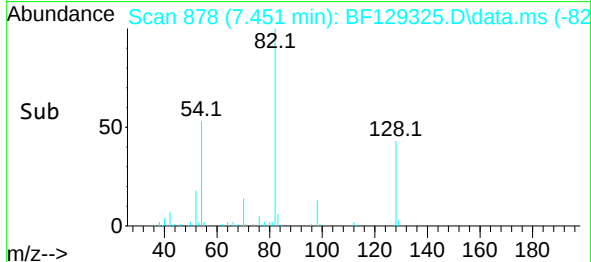
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(5-10)



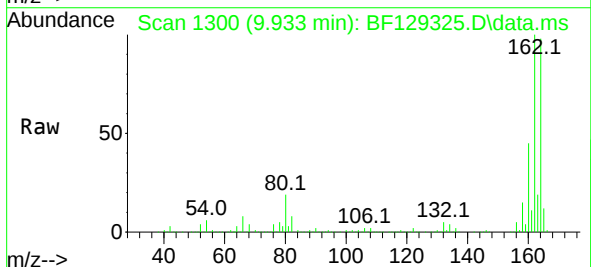
Tgt Ion: 82 Resp: 67330
Ion Ratio Lower Upper
82 100
128 43.4 34.0 51.0
54 53.2 46.9 70.3

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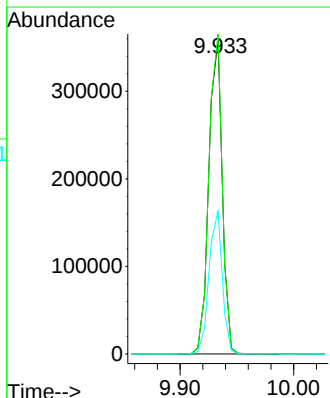
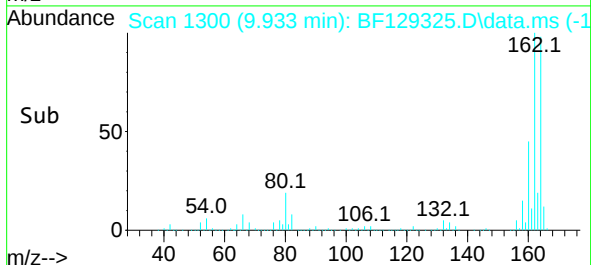
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

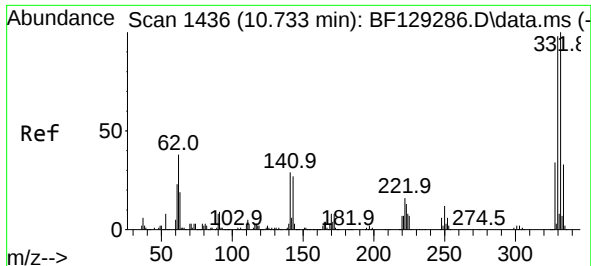


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21



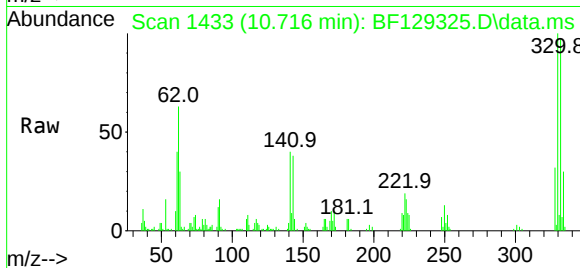
Tgt Ion:164 Resp: 295314
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 45.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 9.455 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

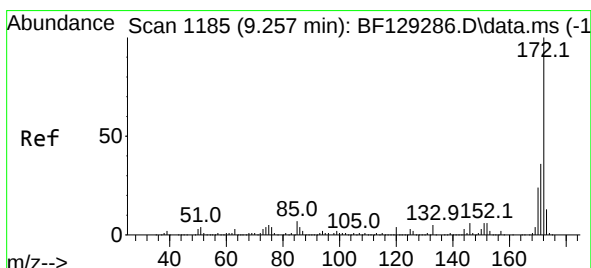
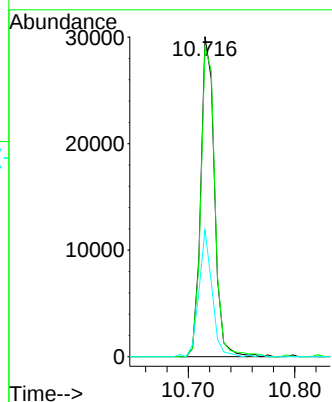
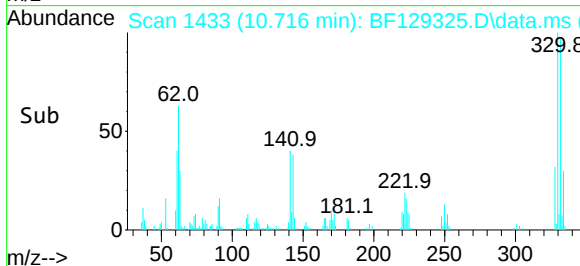
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(5-10)



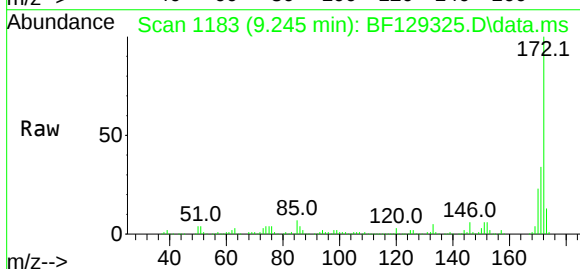
Tgt Ion: 330 Resp: 26939
Ion Ratio Lower Upper
330 100
332 99.8 76.8 115.2
141 37.7 28.0 42.0

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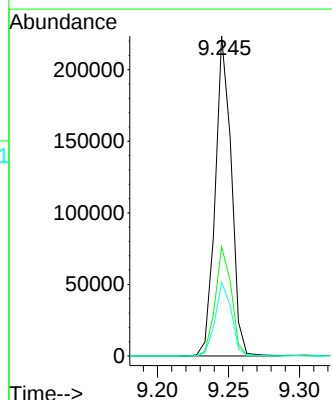
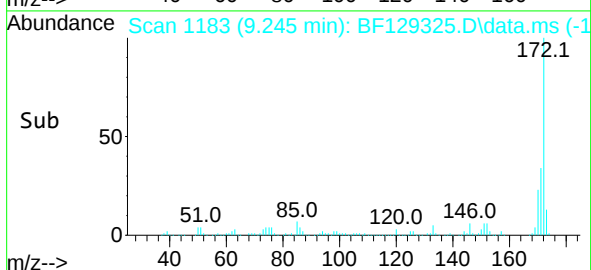
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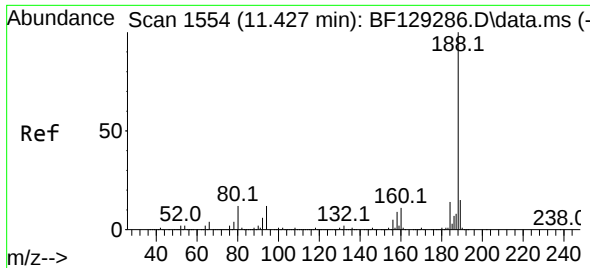


#45
2-Fluorobiphenyl
Concen: 9.153 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21



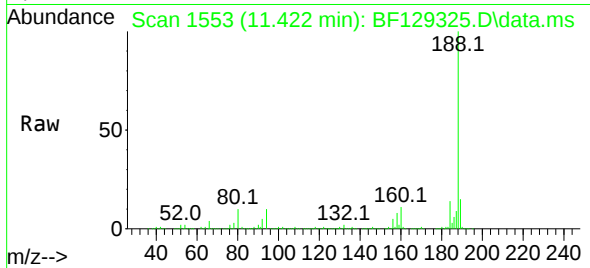
Tgt Ion: 172 Resp: 175702
Ion Ratio Lower Upper
172 100
171 34.1 28.8 43.2
170 22.9 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

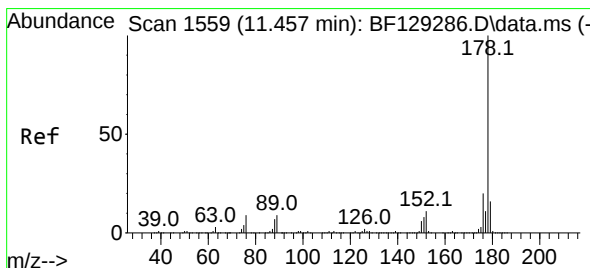
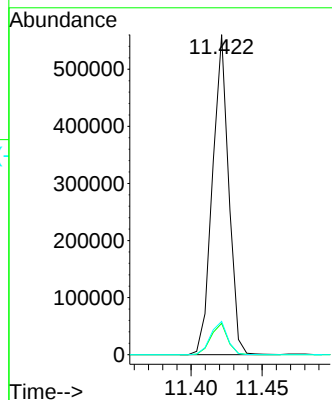
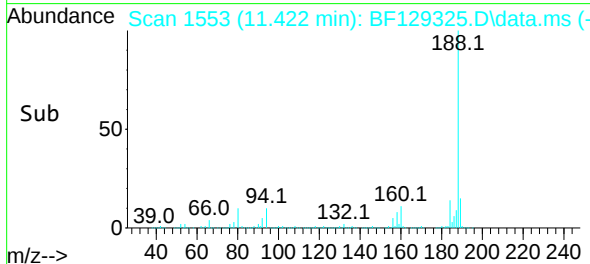
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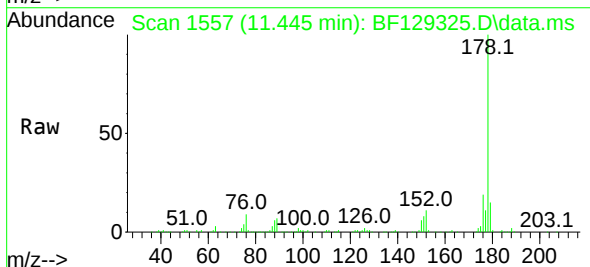
Tgt Ion:188 Resp: 44605
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.4 7.6 11.4

Manual Integrations
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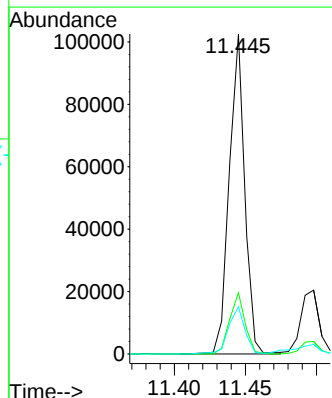
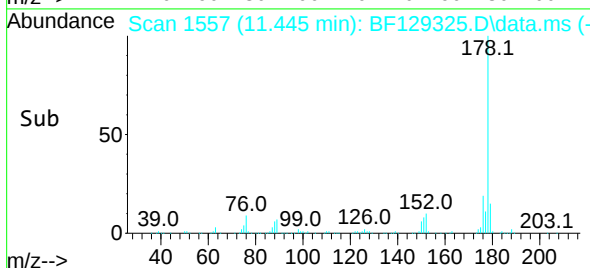
Reviewed By :Christian Giraldo 07/25/2022
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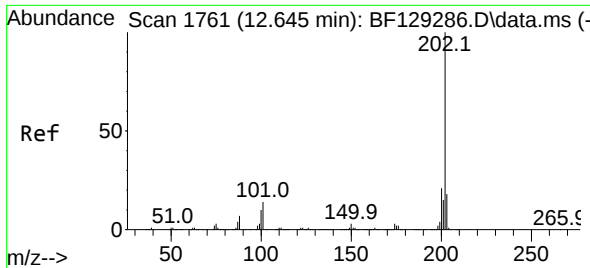


#71
Phenanthrene
Concen: 3.163 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21



Tgt Ion:178 Resp: 77441
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 14.7 12.6 19.0





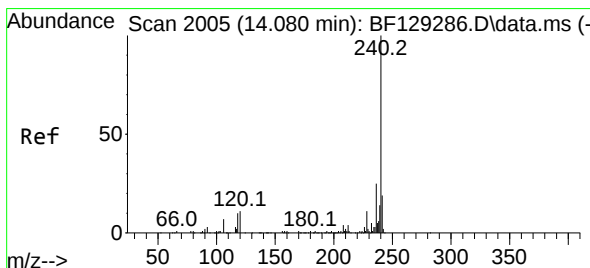
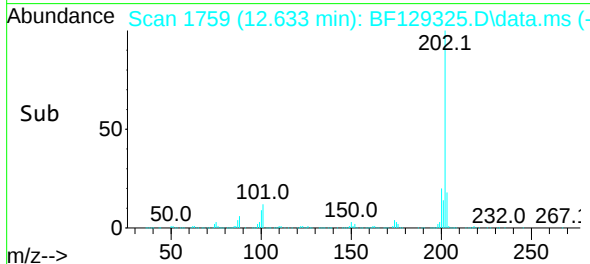
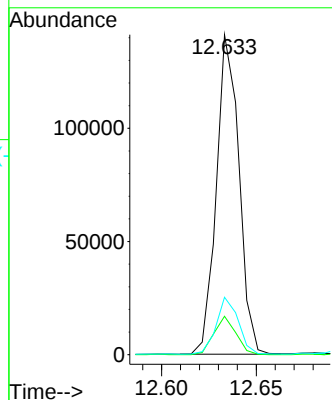
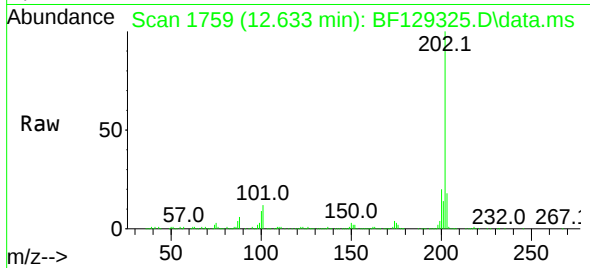
#75
Fluoranthene
Concen: 4.710 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(5-10)

Tgt Ion:202 Resp: 11753
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.4
203 17.9 0.0 38.0

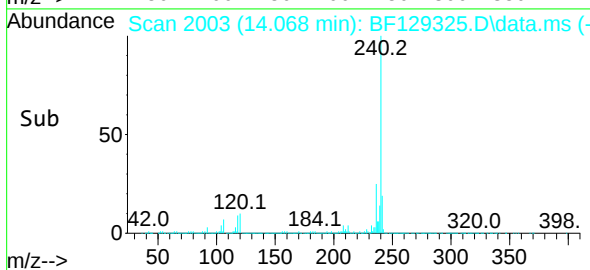
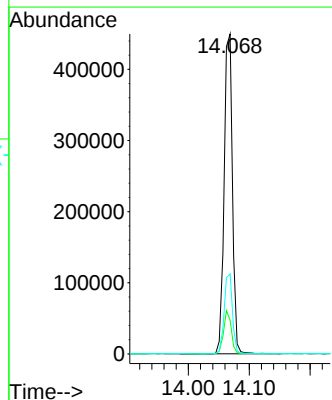
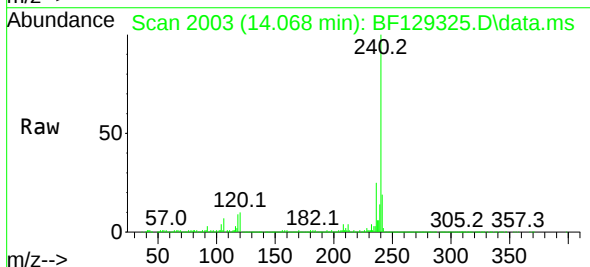
Manual Integrations
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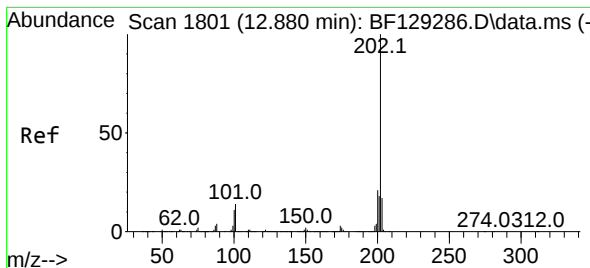
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

Tgt Ion:240 Resp: 425542
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.0 20.8 31.2





#78

Pyrene

Concen: 3.310 ng

RT: 12.863 min Scan# 1798

Delta R.T. -0.018 min

Lab File: BF129325.D

Acq: 22 Jul 2022 20:21

Instrument :

BNA_F

ClientSampleId :

ENV-DE-4(5-10)

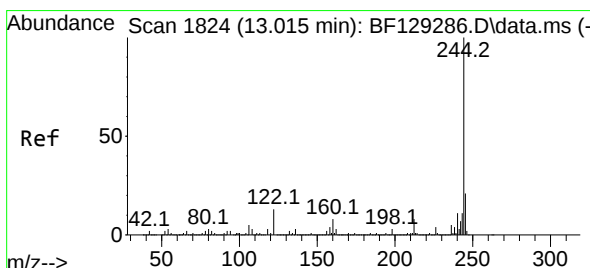
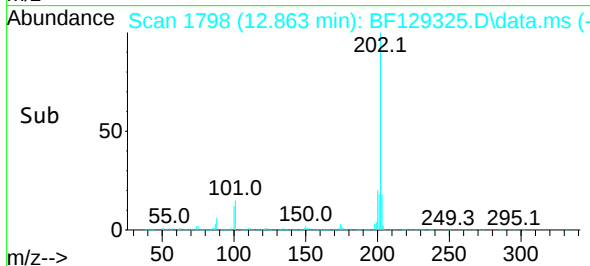
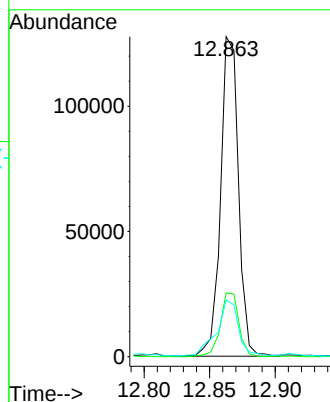
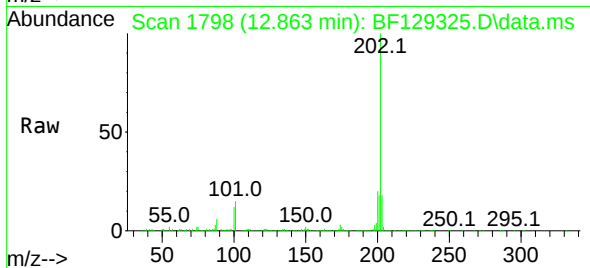
Tgt Ion:	202	Resp:	12045
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.7	26.5
203	17.7	14.6	21.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/25/2022



#79

Terphenyl-d14

Concen: 6.751 ng

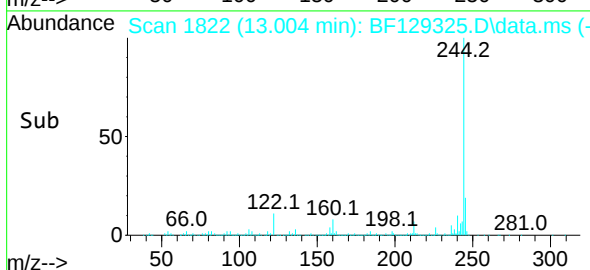
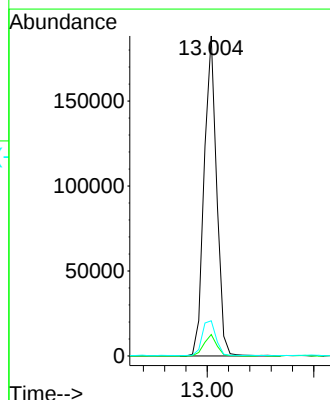
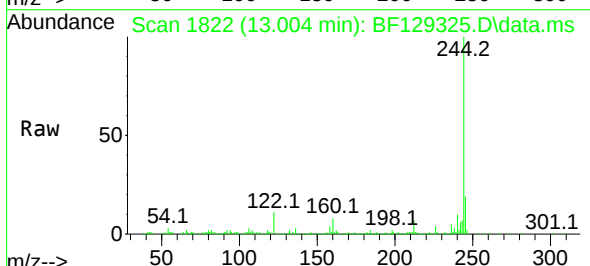
RT: 13.004 min Scan# 1822

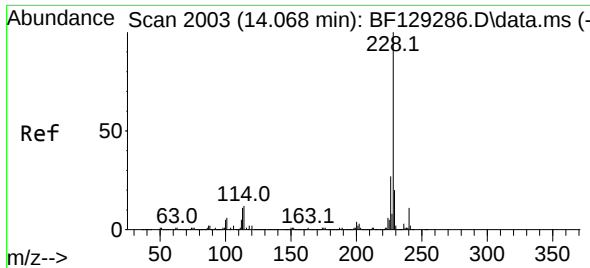
Delta R.T. -0.012 min

Lab File: BF129325.D

Acq: 22 Jul 2022 20:21

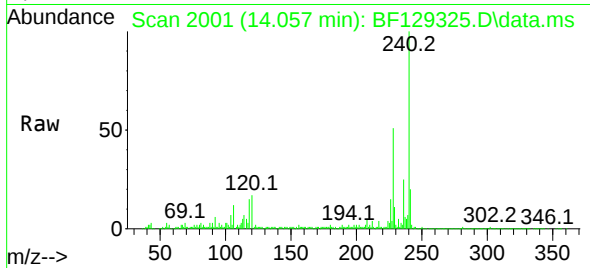
Tgt Ion:	244	Resp:	154261
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.1	9.1
122	11.0	8.8	13.2





#81
Benzo(a)anthracene
Concen: 2.336 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

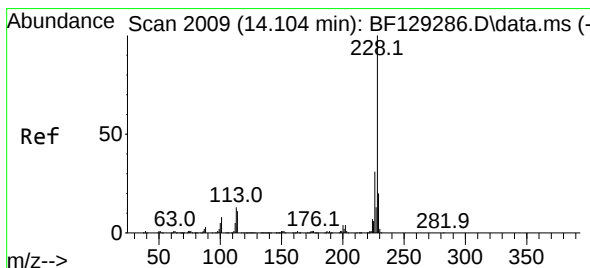
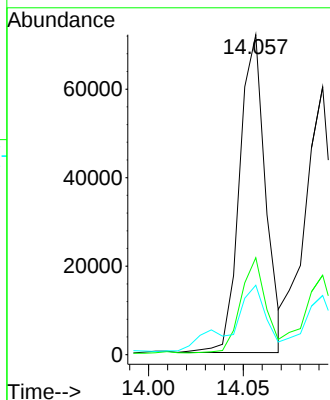
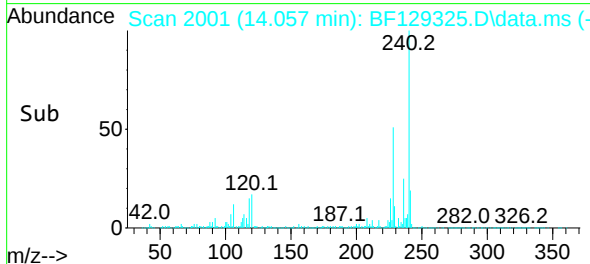
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(5-10)



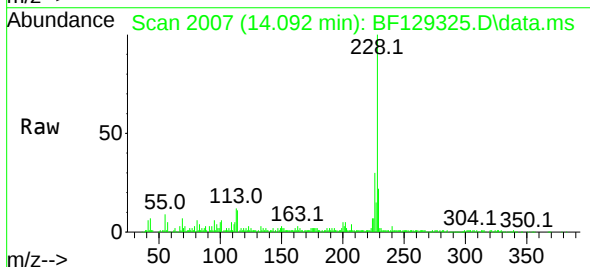
Tgt Ion:228 Resp: 6846
Ion Ratio Lower Upper
228 100
226 30.3 22.1 33.1
229 21.7 15.8 23.8

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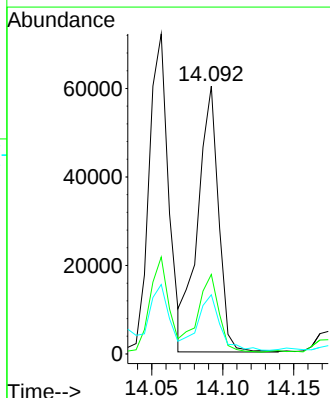
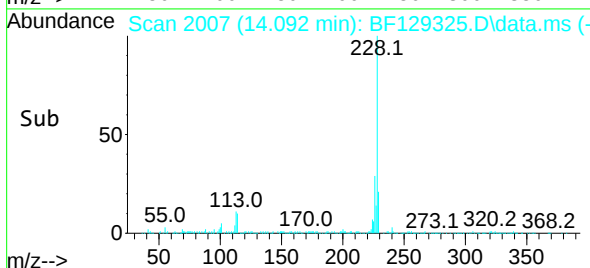
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

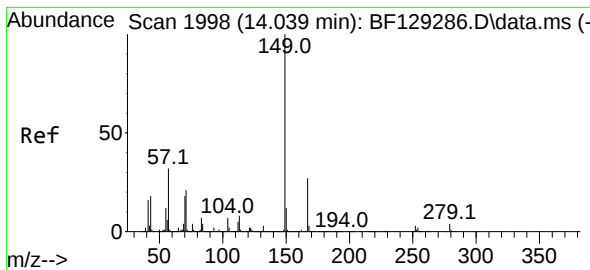


#83
Chrysene
Concen: 2.226 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21



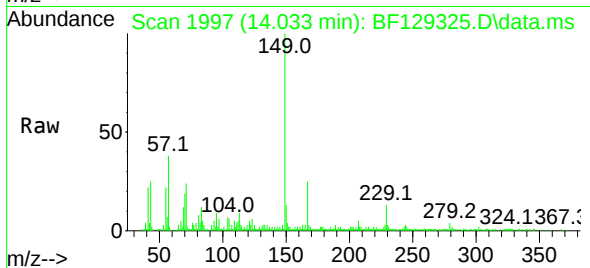
Tgt Ion:228 Resp: 61579
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 22.1 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.008 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

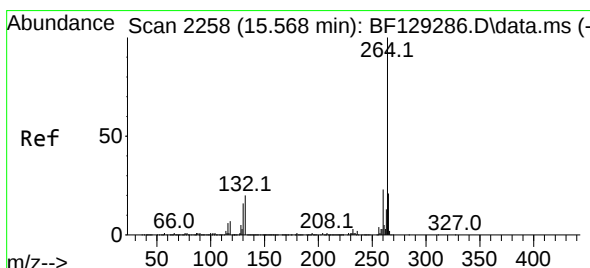
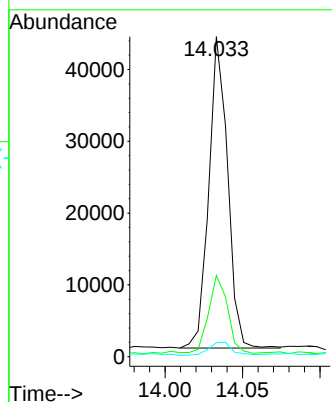
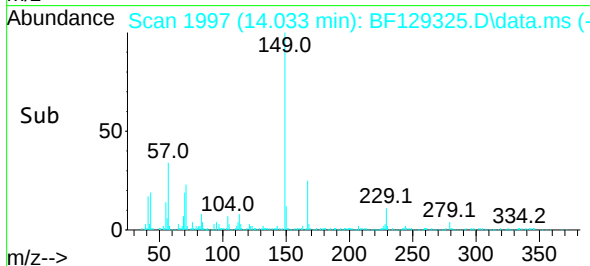
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(5-10)



Tgt Ion:149 Resp: 3661
Ion Ratio Lower Upper
149 100
167 25.4 21.0 31.4
279 4.4 3.1 4.7

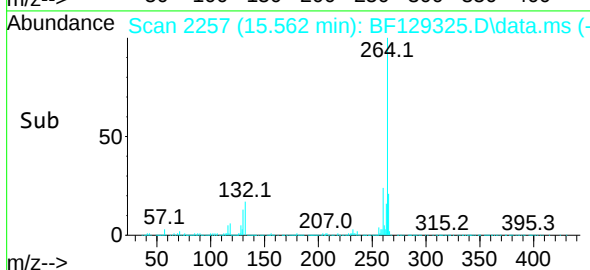
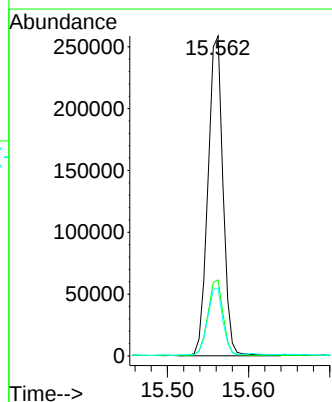
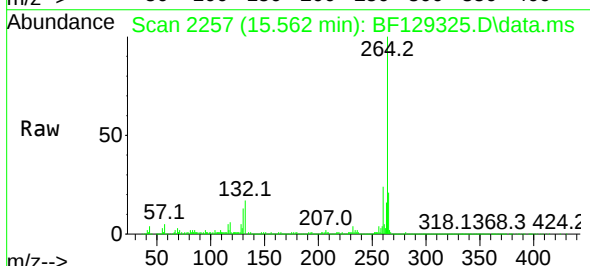
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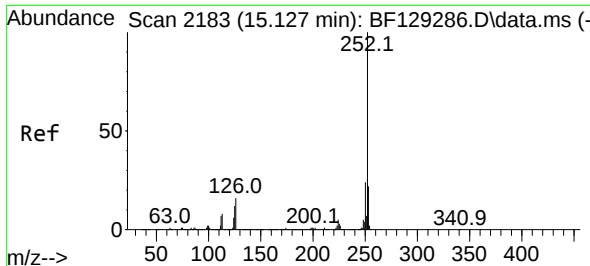
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

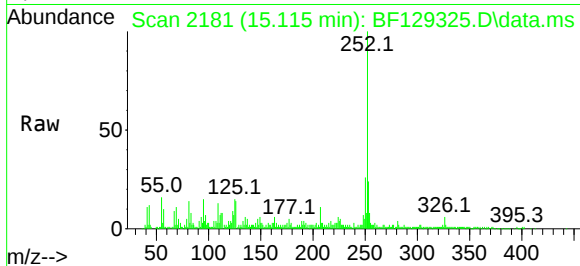
Tgt Ion:264 Resp: 331867
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.2 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.918 ng m
RT: 15.115 min Scan# 2183
Delta R.T. -0.012 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

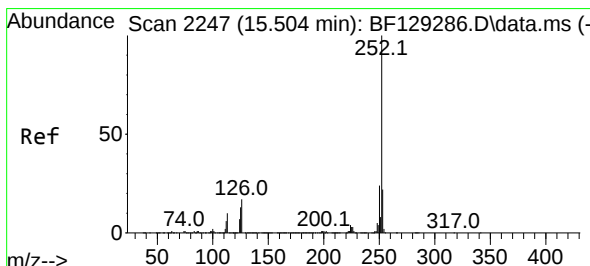
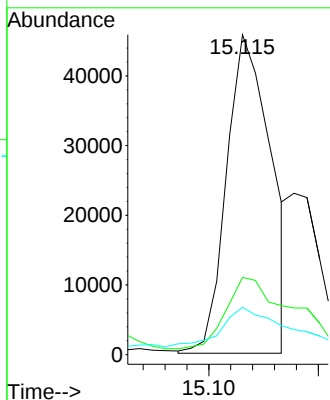
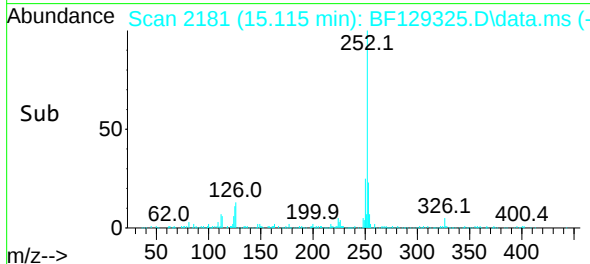
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(5-10)



Tgt Ion:252 Resp: 6444
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 14.8 8.0 12.0

Manual Integrations
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Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#90
Benzo(a)pyrene
Concen: 2.507 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129325.D
Acq: 22 Jul 2022 20:21

Tgt Ion:252 Resp: 44811
Ion Ratio Lower Upper
252 100
253 25.8 17.0 25.6#
125 13.0 8.8 13.2

