

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129965.D
 Acq On : 23 Aug 2022 22:04
 Operator : CG\JU
 Sample : N4292-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082222

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/24/2022
 Supervised By : Jagrut Upadhyay 08/24/2022

Quant Time: Aug 24 02:01:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	150932	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	559133	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	257270	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	346700	20.000	ng	0.00
76) Chrysene-d12	13.951	240	250285	20.000	ng	0.00
86) Perylene-d12	15.404	264	218843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	855000	93.792	ng	0.00
7) Phenol-d6	6.440	99	1031989	90.401	ng	0.00
23) Nitrobenzene-d5	7.345	82	677812	64.894	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	200829	77.778	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1164648	68.756	ng	0.00
79) Terphenyl-d14	12.880	244	854321	56.797	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.322	178	58987	3.046	ng	100
75) Fluoranthene	12.516	202	84378	4.258	ng	99
78) Pyrene	12.745	202	81978	3.769	ng	99
81) Benzo(a)anthracene	13.939	228	38618	2.243	ng	100
83) Chrysene	13.974	228	44164m	2.740	ng	
84) Bis(2-ethylhexyl)phtha...	13.910	149	98617	9.032	ng	98
88) Benzo(b)fluoranthene	14.986	252	57361m	3.828	ng	
90) Benzo(a)pyrene	15.345	252	32365	2.743	ng	# 94

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

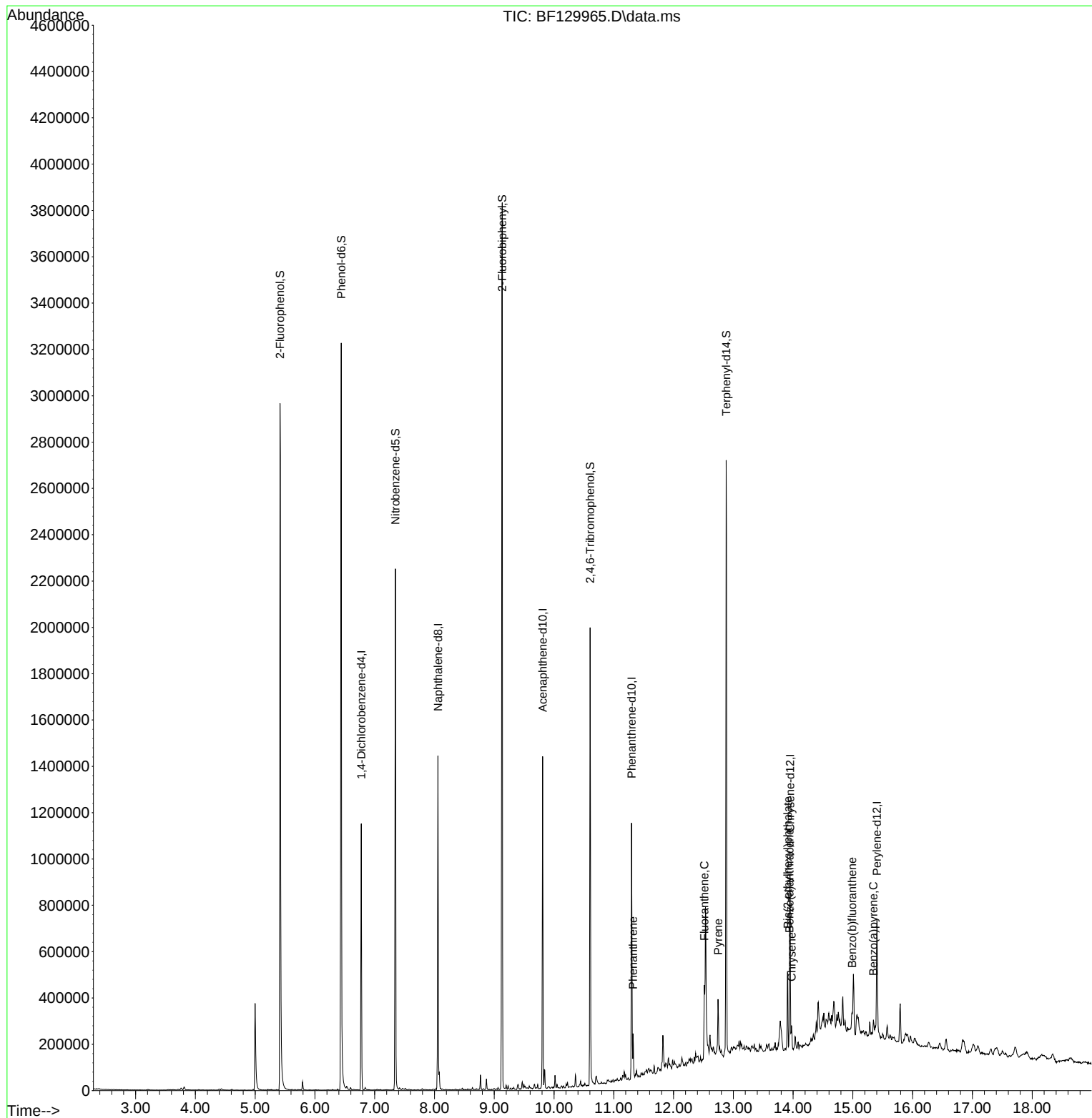
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129965.D
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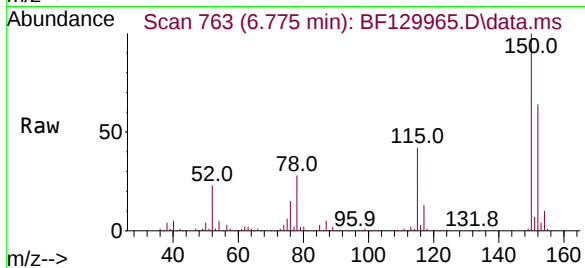
Reviewed By : Christian Giraldo 08/24/2022
Supervised By : Jagrut Upadhyay 08/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

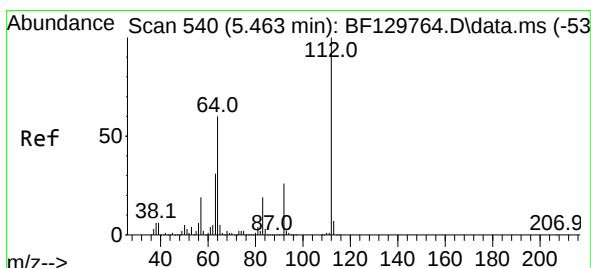
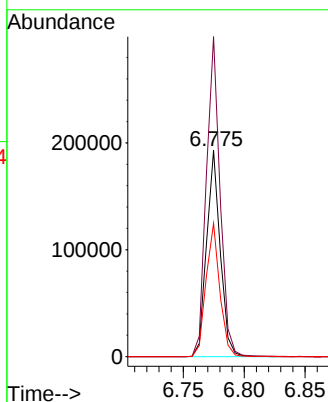
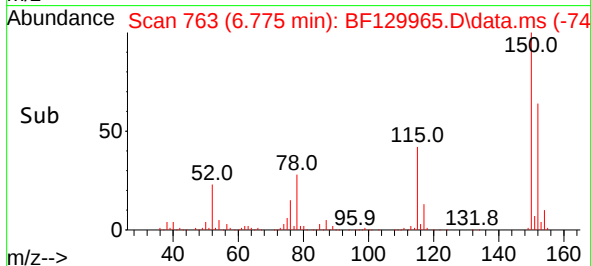
Instrument :
BNA_F
ClientSampleId :
TR-04-082222



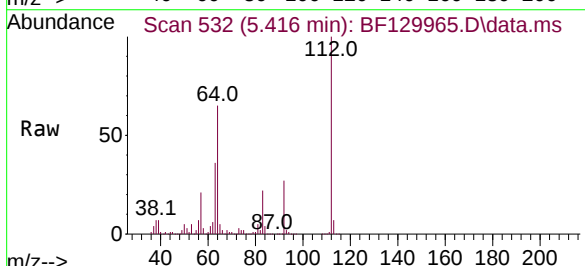
Tgt Ion:152 Resp: 150932
Ion Ratio Lower Upper
152 100
150 155.2 126.9 190.3
115 64.6 53.4 80.0

Manual Integrations
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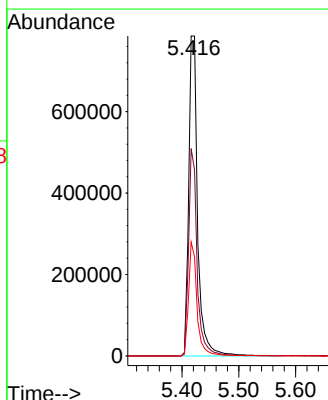
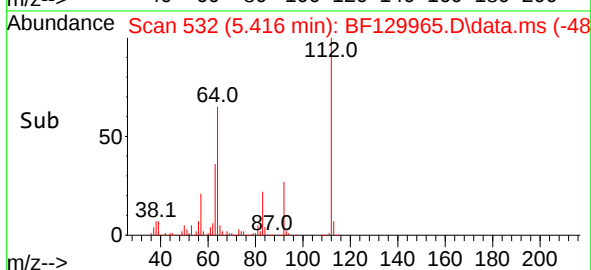
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#5
2-Fluorophenol
Concen: 93.792 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04



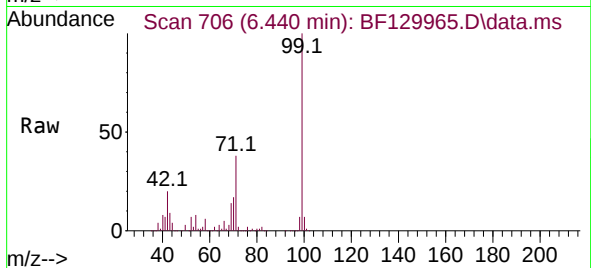
Tgt Ion:112 Resp: 855000
Ion Ratio Lower Upper
112 100
64 64.8 47.6 71.4
63 35.6 24.6 37.0





#7
Phenol-d6
Concen: 90.401 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

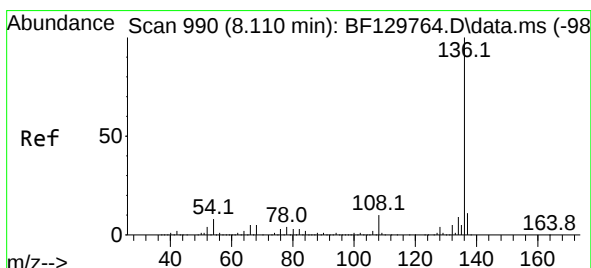
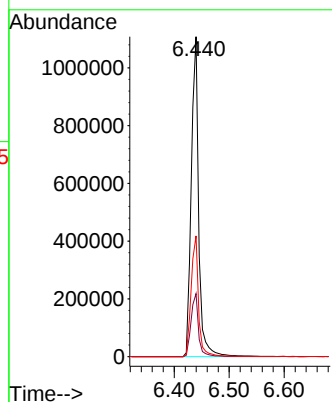
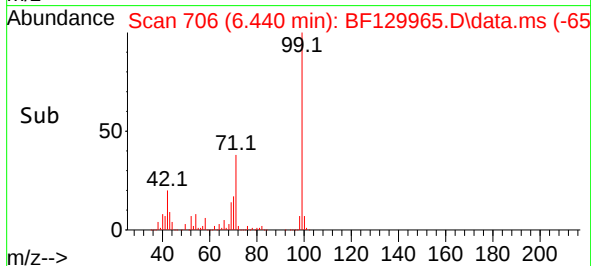
Instrument :
BNA_F
ClientSampleId :
TR-04-082222



Tgt Ion: 99 Resp: 1031989
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.4
71 37.7 28.8 43.2

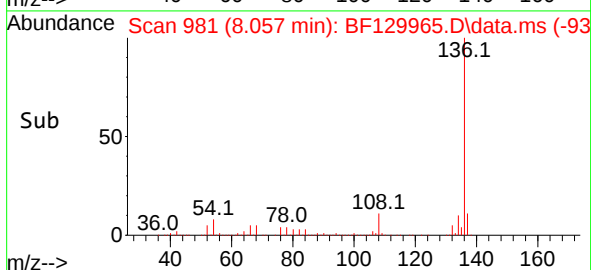
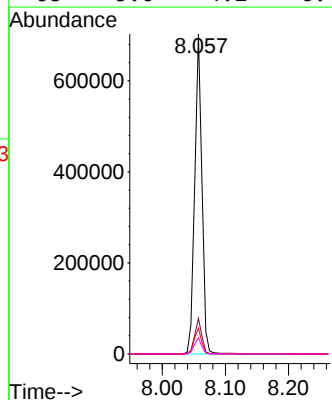
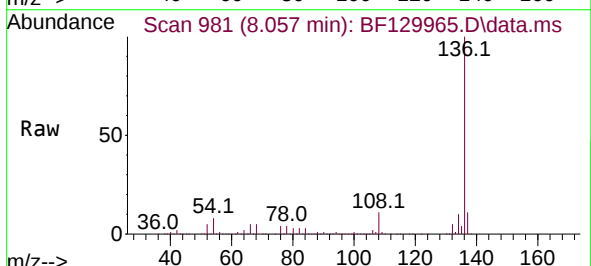
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Tgt Ion:136 Resp: 559133
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.1 6.2 9.2
68 5.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 64.894 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129965.D

Acq: 23 Aug 2022 22:04

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

Tgt Ion: 82 Resp: 677812

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

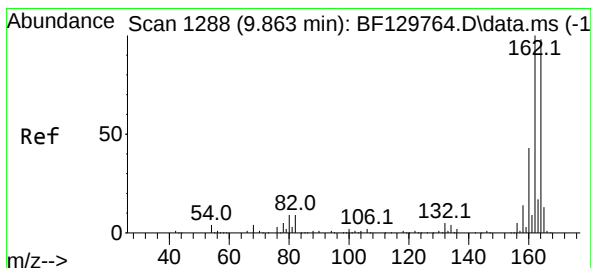
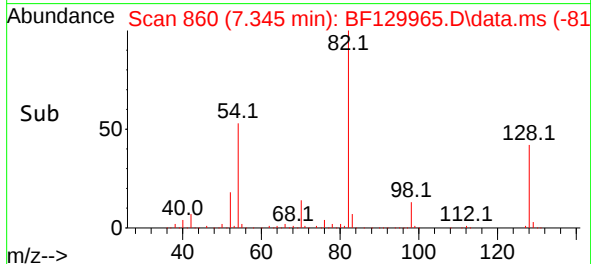
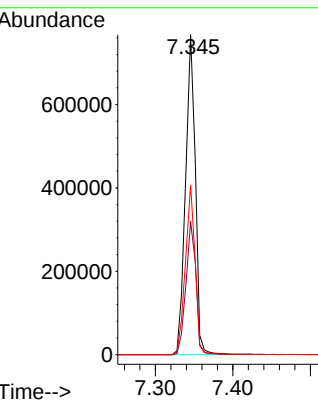
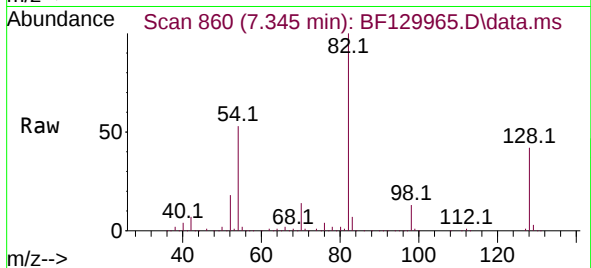
54 53.0 40.0 60.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF129965.D

Acq: 23 Aug 2022 22:04

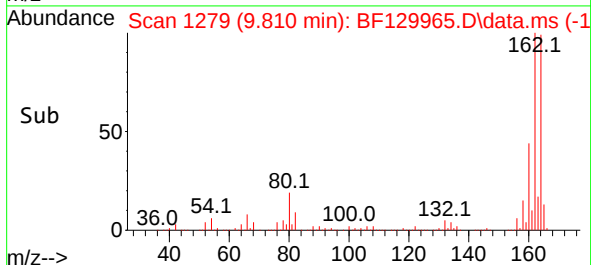
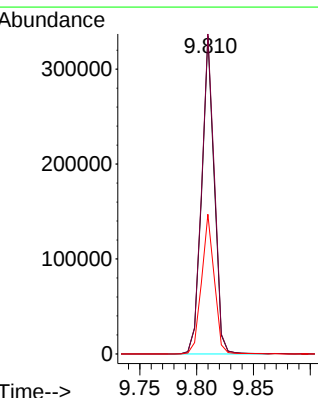
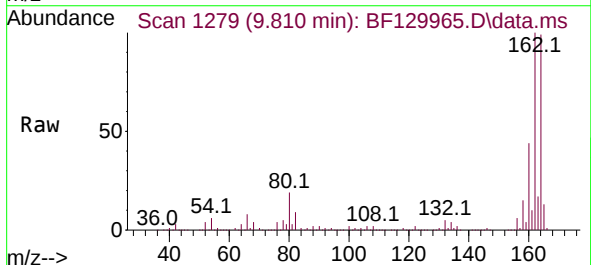
Tgt Ion:164 Resp: 257270

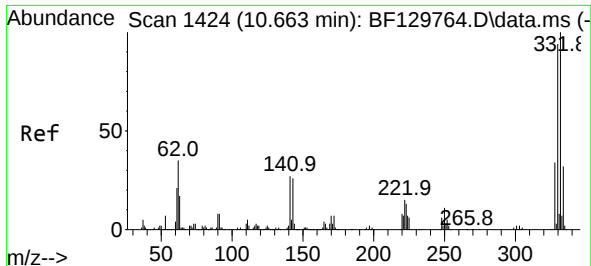
Ion Ratio Lower Upper

164 100

162 100.7 82.0 123.0

160 44.0 35.4 53.0





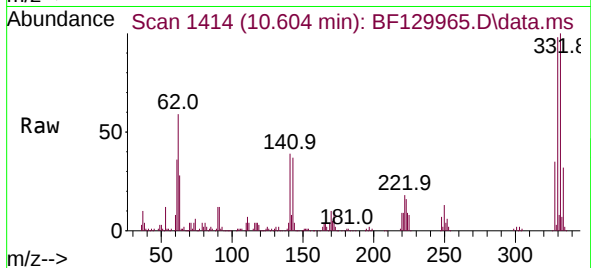
#42
2,4,6-Tribromophenol
Concen: 77.778 ng
RT: 10.604 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

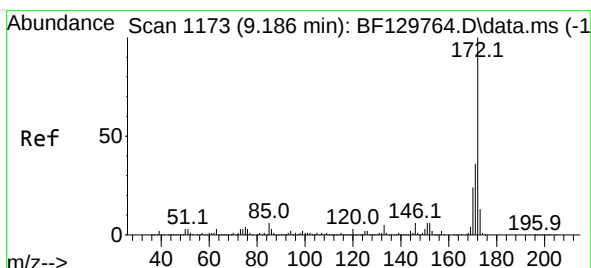
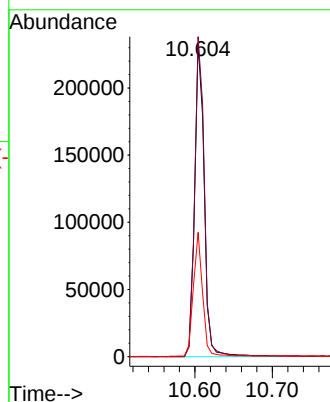
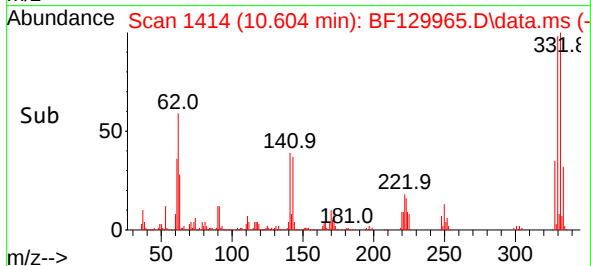


Tgt Ion:330 Resp: 200829
Ion Ratio Lower Upper
330 100
332 102.9 82.6 124.0
141 38.9 27.6 41.4

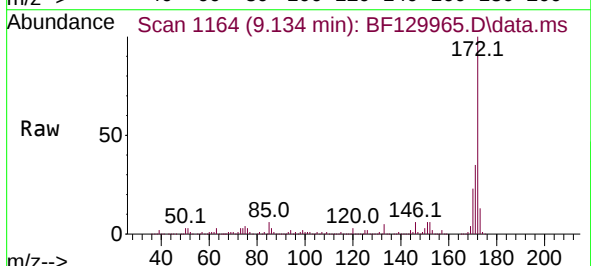
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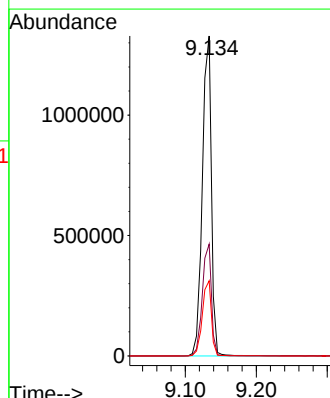
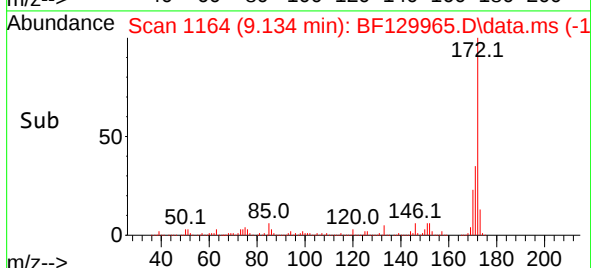
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#45
2-Fluorobiphenyl
Concen: 68.756 ng
RT: 9.134 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04



Tgt Ion:172 Resp: 1164648
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.5 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Instrument :

BNA_F

ClientSampleId :

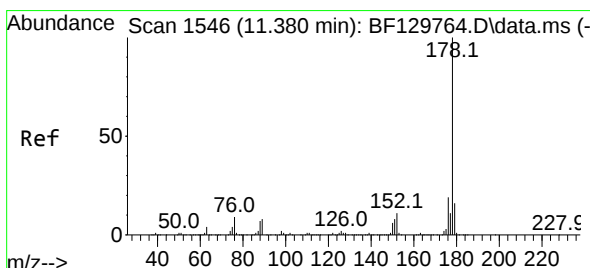
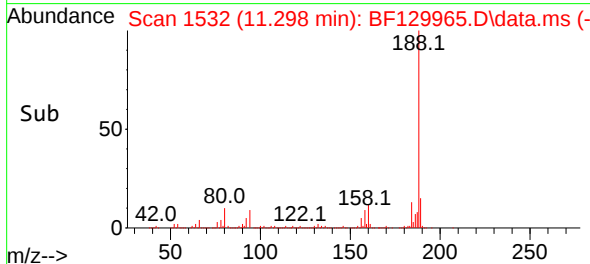
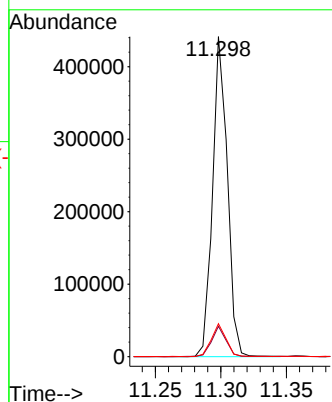
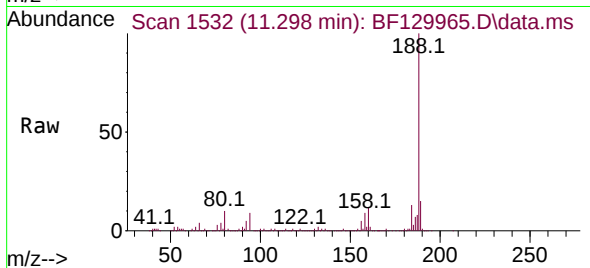
TR-04-082222

Tgt Ion:188 Resp: 346700
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 7.9 11.9

Manual Integrations

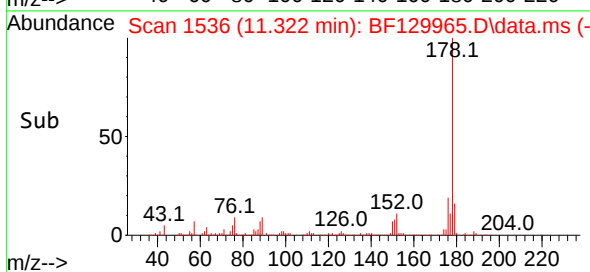
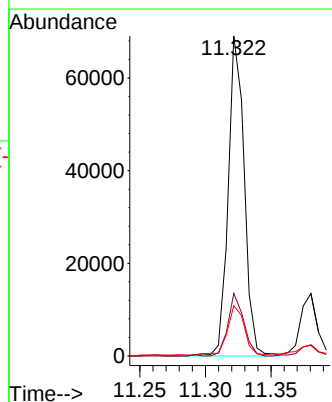
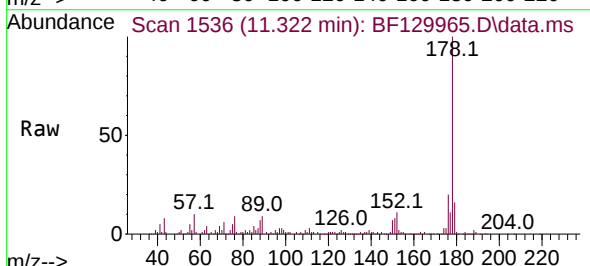
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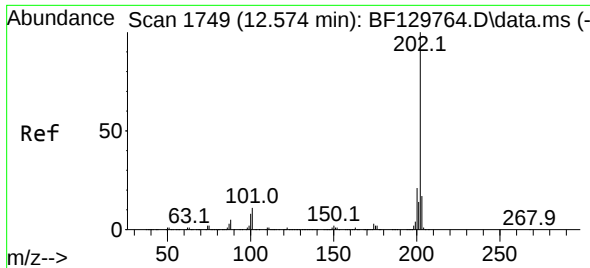
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#71
Phenanthrene
Concen: 3.046 ng
RT: 11.322 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Tgt Ion:178 Resp: 58987
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.5 18.7





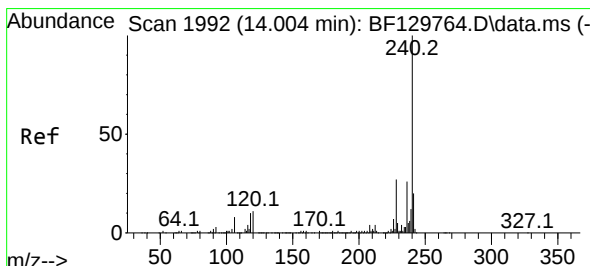
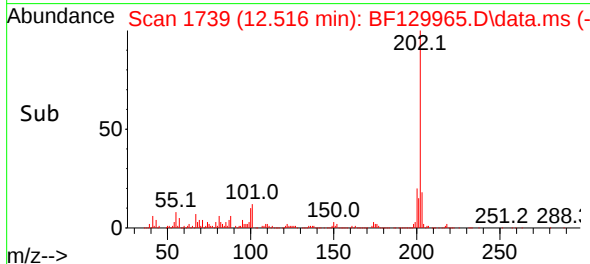
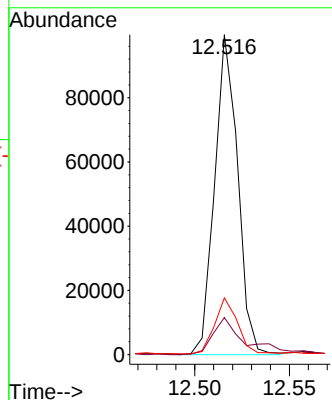
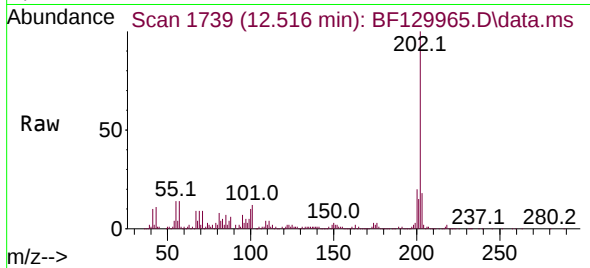
#75
Fluoranthene
Concen: 4.258 ng
RT: 12.516 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Instrument :
BNA_F
ClientSampleId :
TR-04-082222

Tgt Ion:202 Resp: 84378
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 17.7 0.0 37.5

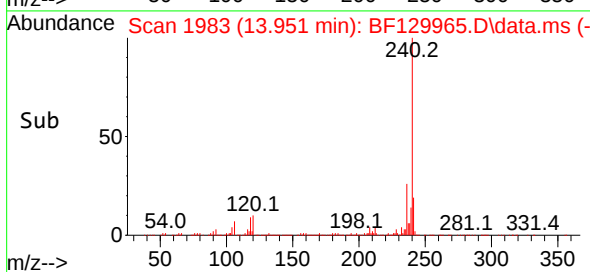
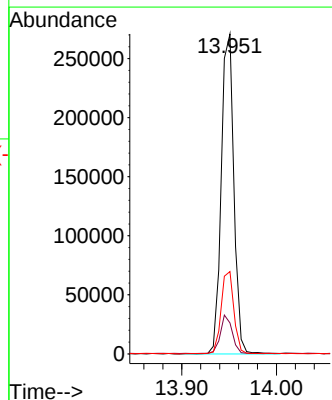
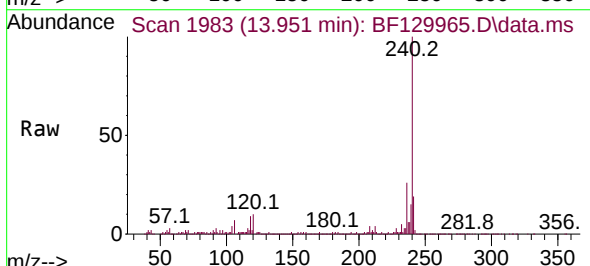
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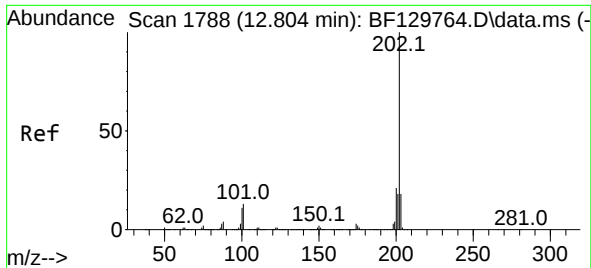
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Tgt Ion:240 Resp: 250285
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 25.7 20.7 31.1





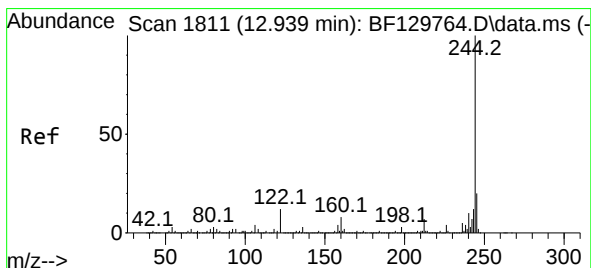
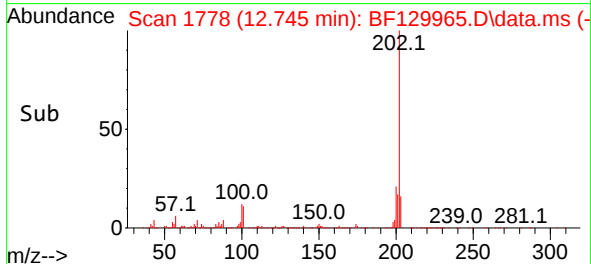
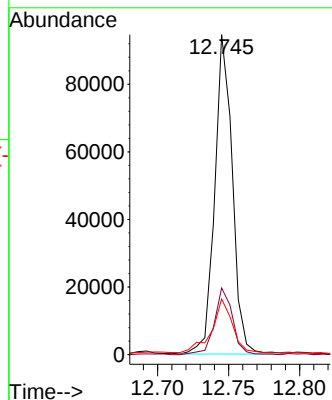
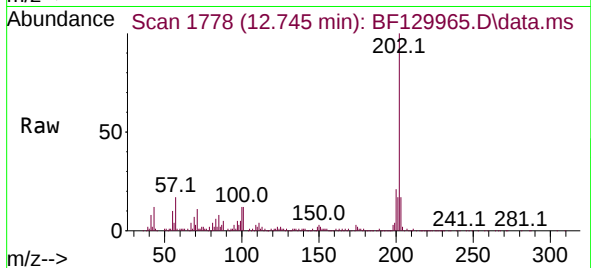
#78
Pyrene
Concen: 3.769 ng
RT: 12.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Instrument :
BNA_F
ClientSampleId :
TR-04-082222

Tgt Ion:202 Resp: 81978
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.4 14.1 21.1

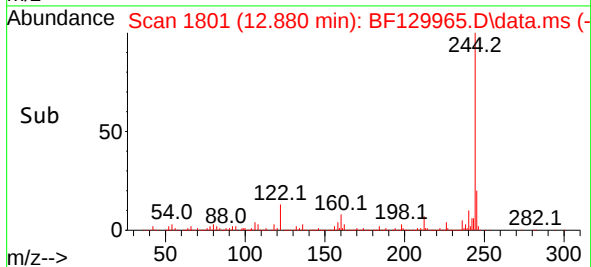
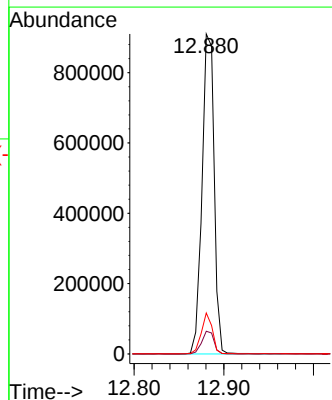
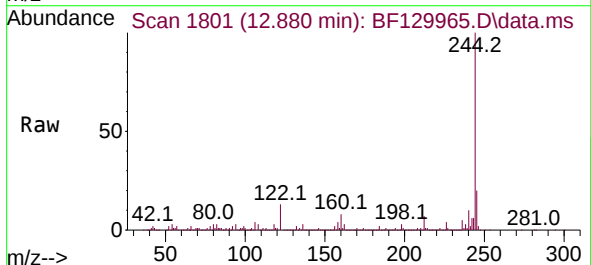
Manual Integrations
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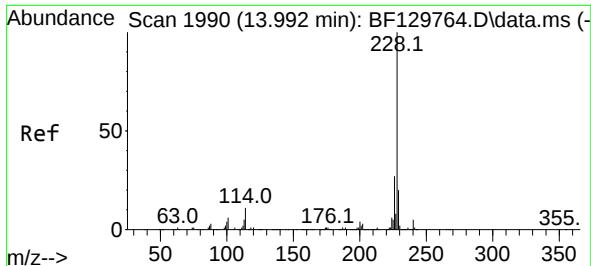
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#79
Terphenyl-d14
Concen: 56.797 ng
RT: 12.880 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Tgt Ion:244 Resp: 854321
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.8 9.9 14.9





#81
Benzo(a)anthracene
Concen: 2.243 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Instrument :

BNA_F

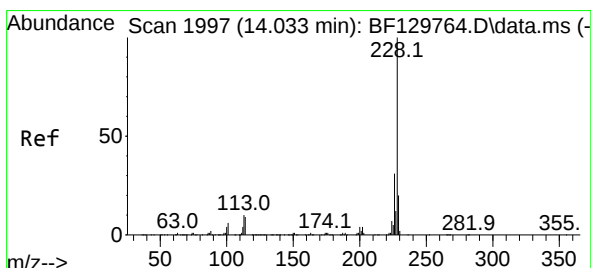
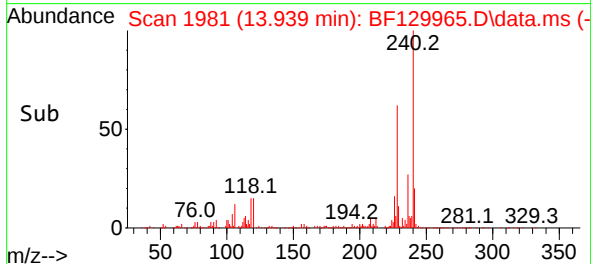
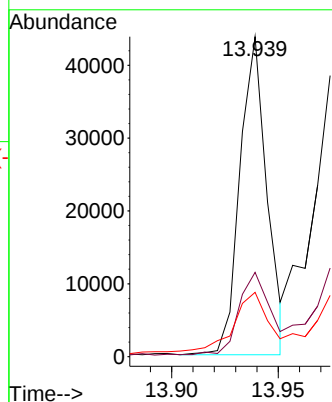
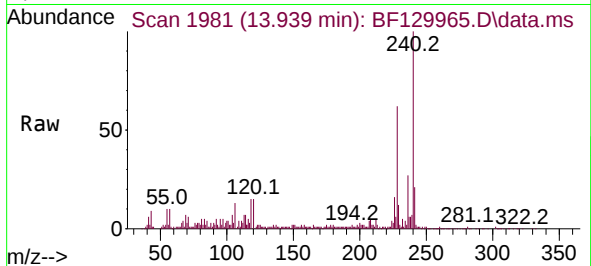
ClientSampleId :

TR-04-082222

Tgt Ion:228 Resp: 38618
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.0
229 20.1 16.1 24.1

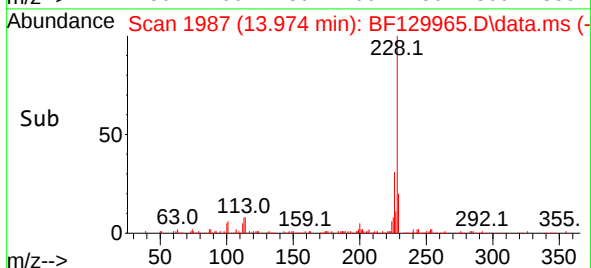
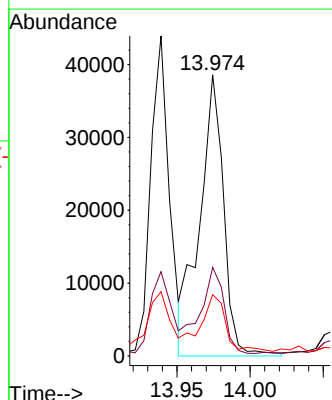
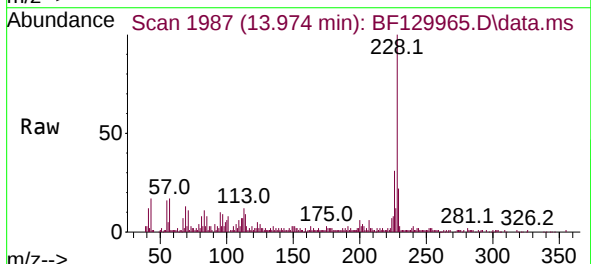
Manual Integrations
APPROVED

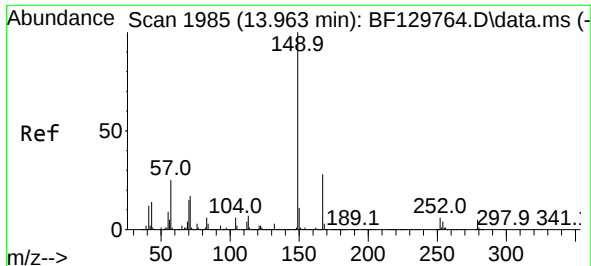
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#83
Chrysene
Concen: 2.740 ng m
RT: 13.974 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Tgt Ion:228 Resp: 44164
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 21.8 15.9 23.9





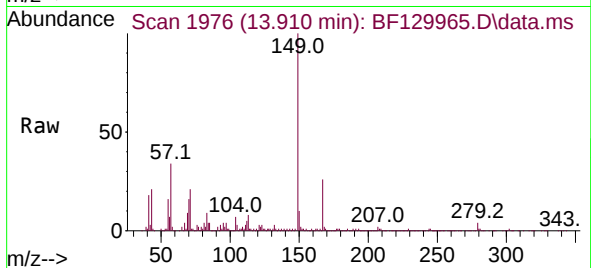
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.032 ng
RT: 13.910 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

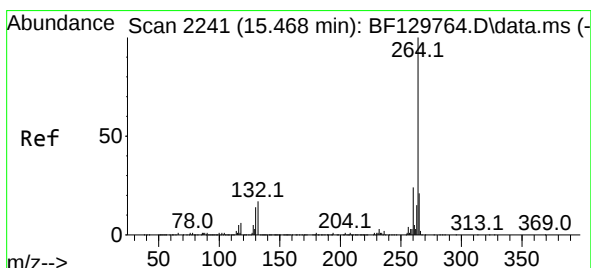
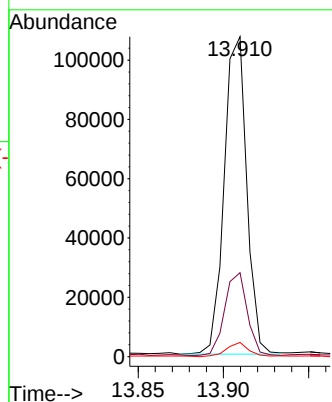
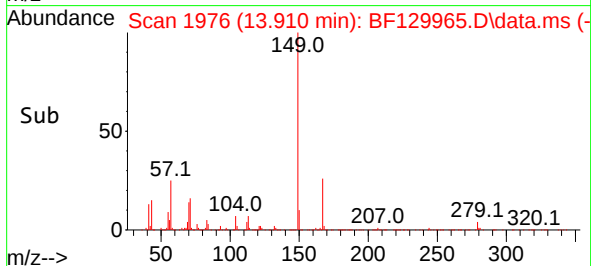


Tgt Ion:149 Resp: 98617
Ion Ratio Lower Upper
149 100
167 26.2 22.0 33.0
279 4.4 3.6 5.4

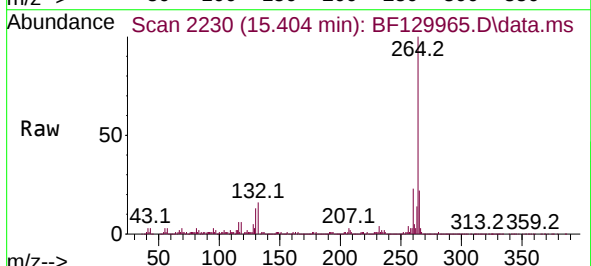
Manual Integrations

APPROVED

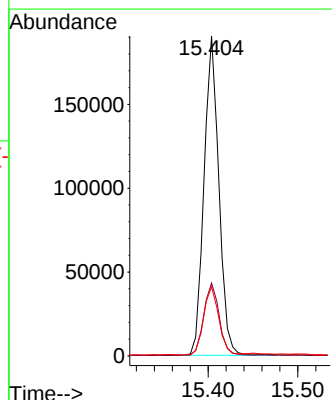
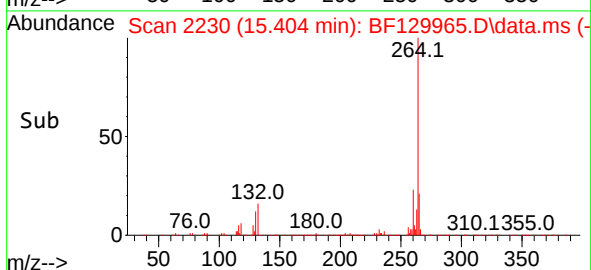
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

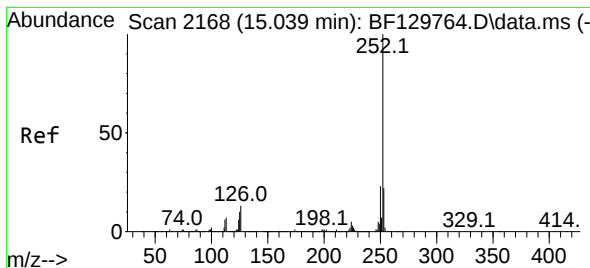


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2230
Delta R.T. 0.006 min
Lab File: BF129965.D
Acq: 23 Aug 2022 22:04



Tgt Ion:264 Resp: 218843
Ion Ratio Lower Upper
264 100
260 22.8 19.1 28.7
265 21.6 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 3.828 ng m

RT: 14.986 min Scan# 2168

Delta R.T. 0.006 min

Lab File: BF129965.D

Acq: 23 Aug 2022 22:04

Instrument :

BNA_F

ClientSampleId :

TR-04-082222

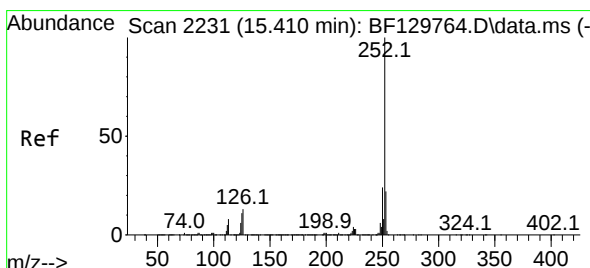
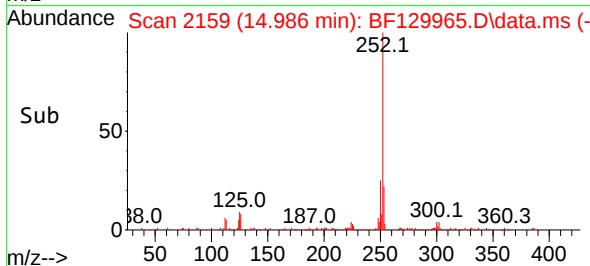
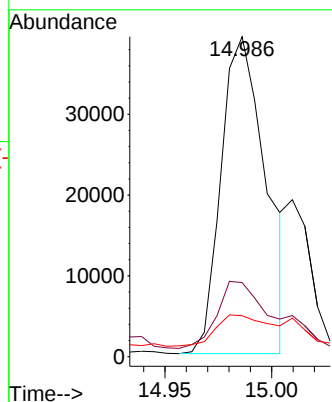
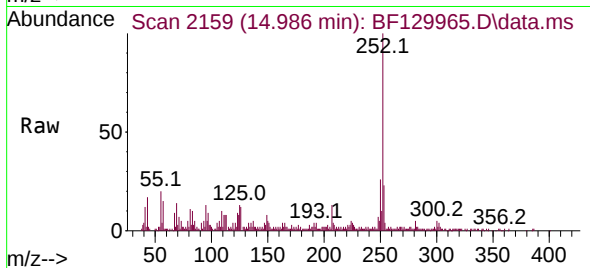
Tgt Ion:252	Resp:	5736
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.5 26.3
125	12.8	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#90

Benzo(a)pyrene

Concen: 2.743 ng

RT: 15.345 min Scan# 2220

Delta R.T. 0.006 min

Lab File: BF129965.D

Acq: 23 Aug 2022 22:04

Tgt Ion:252	Resp:	32365
Ion Ratio	Lower	Upper
252	100	
253	23.6	17.2 25.8
125	14.2	8.8 13.2

