

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129934.D
 Acq On : 20 Aug 2022 04:29
 Operator : CG\JU
 Sample : N4232-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-081722

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 08:00:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	202795	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	772130	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	350998	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	481785	20.000	ng	0.00
76) Chrysene-d12	13.963	240	337576	20.000	ng	0.00
86) Perylene-d12	15.421	264	258637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	188978	15.429	ng	0.00
7) Phenol-d6	6.440	99	233741	15.239	ng	0.00
23) Nitrobenzene-d5	7.351	82	140506	9.741	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	40167	11.402	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	259334	11.222	ng	0.00
79) Terphenyl-d14	12.898	244	184591	9.099	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	54145	2.012	ng	98
75) Fluoranthene	12.533	202	111919	4.065	ng	99
78) Pyrene	12.763	202	102885	3.507	ng	98
81) Benzo(a)anthracene	13.951	228	56275	2.423	ng	98
83) Chrysene	13.986	228	48094	2.212	ng	98
88) Benzo(b)fluoranthene	14.998	252	63022m	3.559	ng	
90) Benzo(a)pyrene	15.363	252	41185	2.953	ng	# 91

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

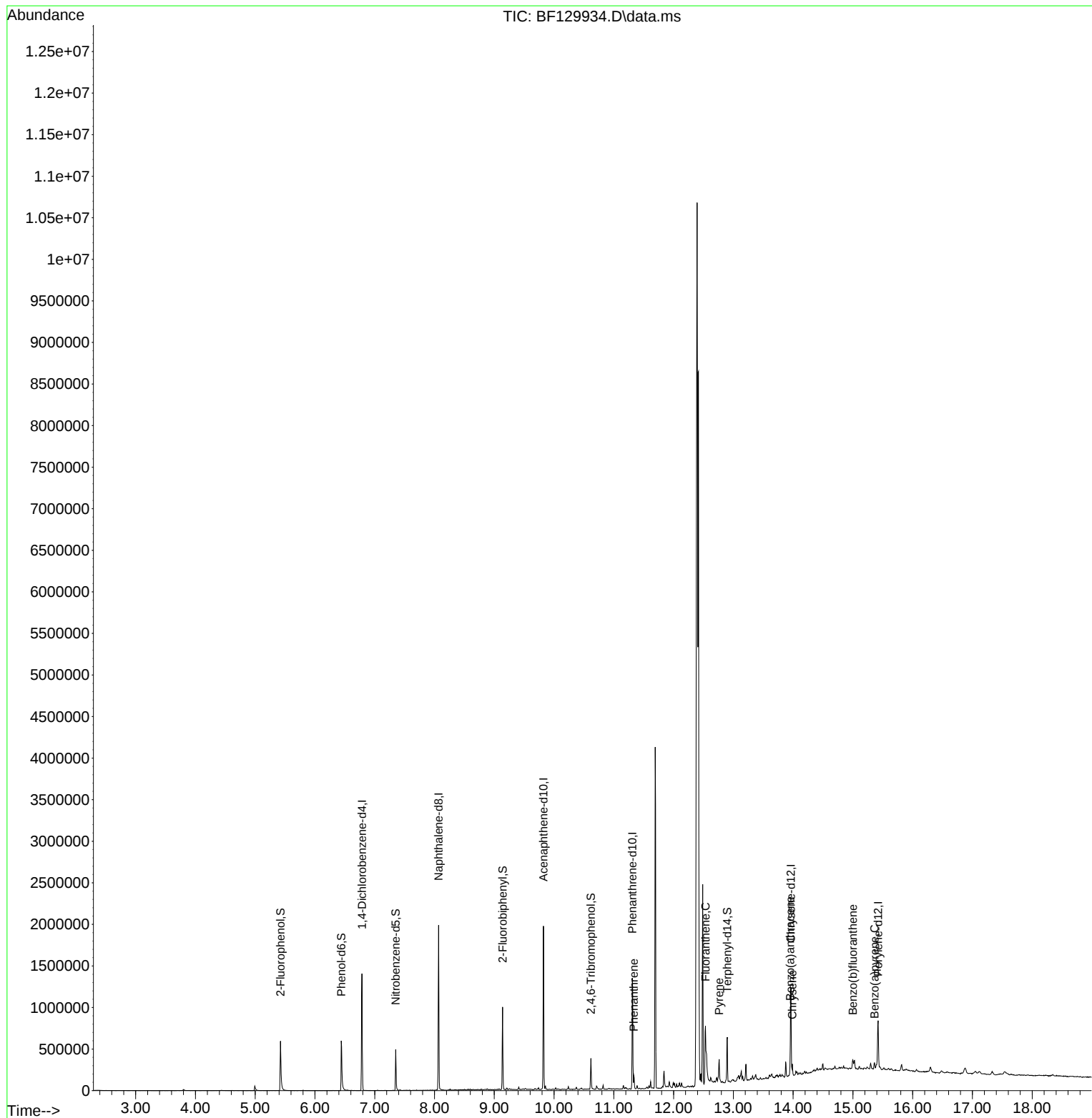
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
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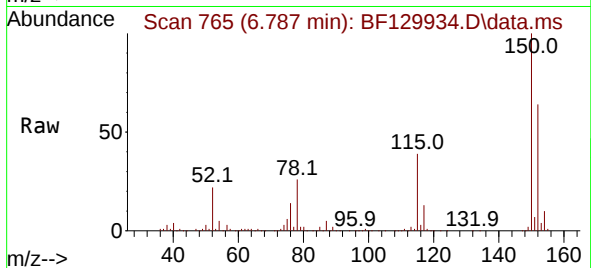
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Supervised By :Jagrut Upadhyay 08/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

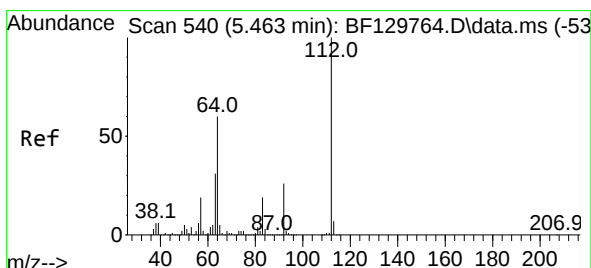
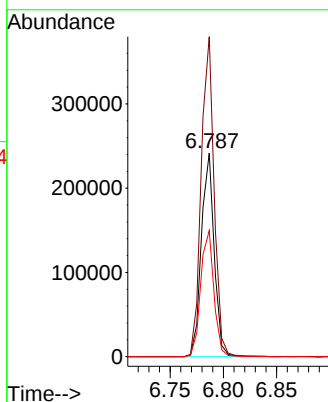
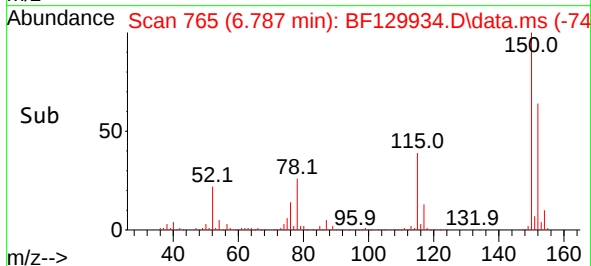
Instrument :
BNA_F
ClientSampleId :
BU-01-081722



Tgt Ion:152 Resp: 202795
Ion Ratio Lower Upper
152 100
150 157.1 126.9 190.3
115 61.9 53.4 80.0

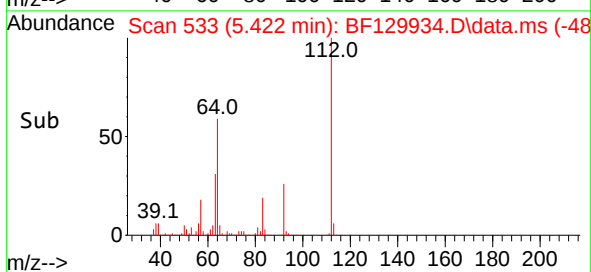
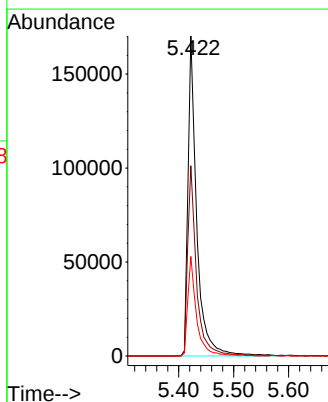
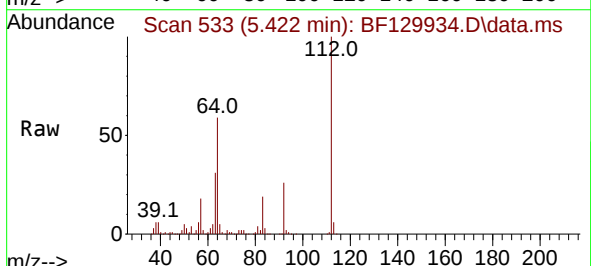
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#5
2-Fluorophenol
Concen: 15.429 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.000 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

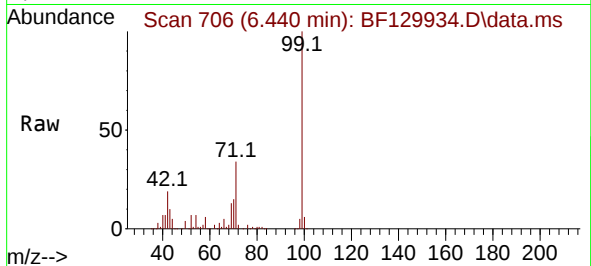
Tgt Ion:112 Resp: 188978
Ion Ratio Lower Upper
112 100
64 59.5 47.6 71.4
63 31.1 24.6 37.0





#7
Phenol-d6
Concen: 15.239 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

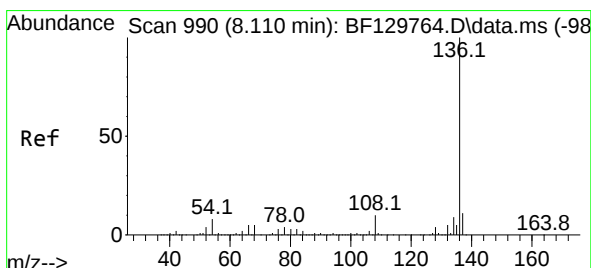
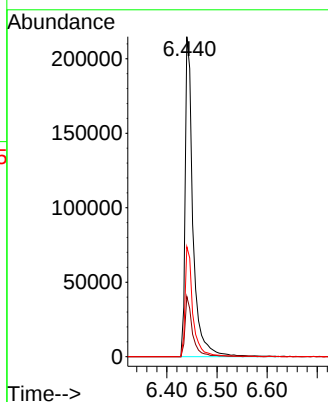
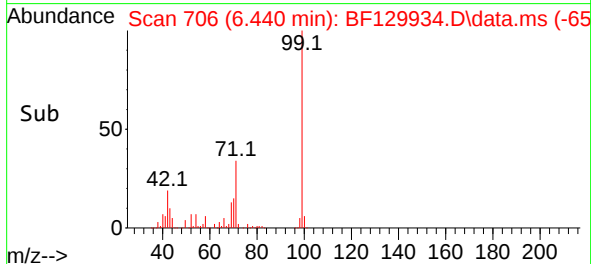
Instrument :
BNA_F
ClientSampleId :
BU-01-081722



Tgt Ion: 99 Resp: 23374
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 34.4 28.8 43.2

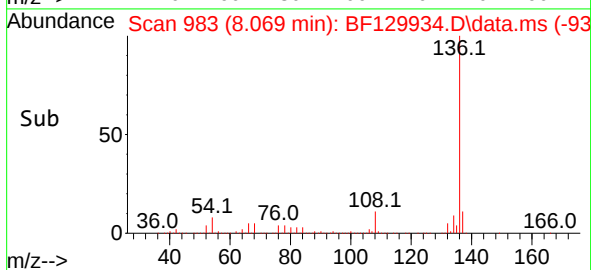
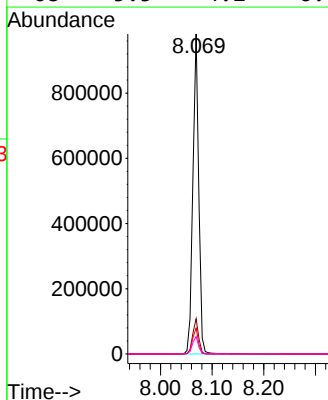
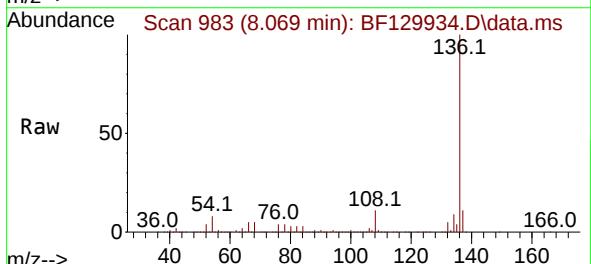
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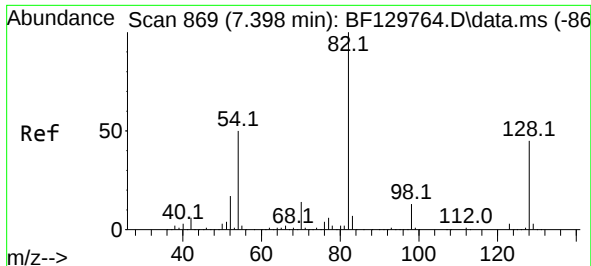
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

Tgt Ion:136 Resp: 772130
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.1 6.2 9.2
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 9.741 ng

RT: 7.351 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129934.D

Acq: 20 Aug 2022 04:29

Instrument :

BNA_F

ClientSampleId :

BU-01-081722

Tgt Ion: 82 Resp: 140500

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

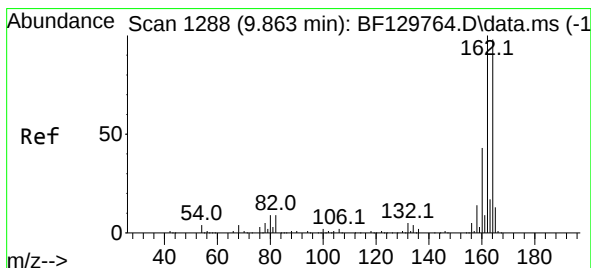
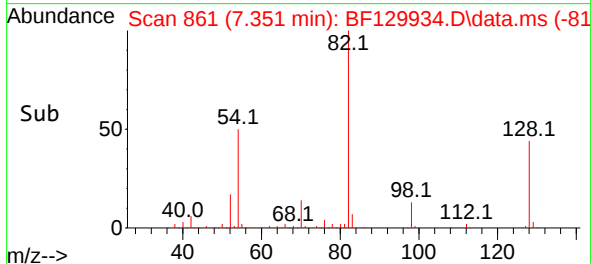
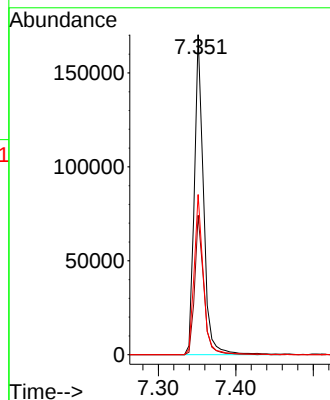
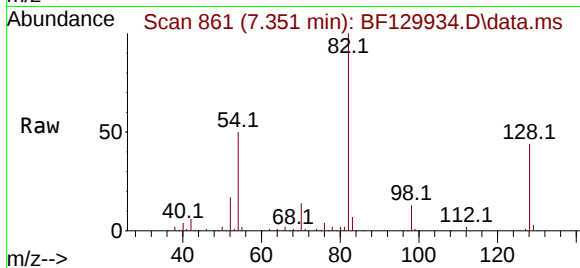
54 50.1 40.0 60.0

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF129934.D

Acq: 20 Aug 2022 04:29

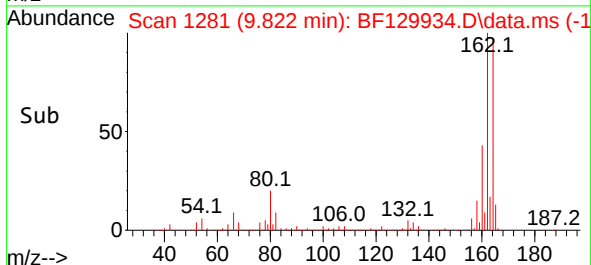
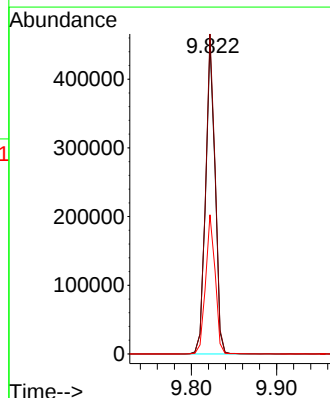
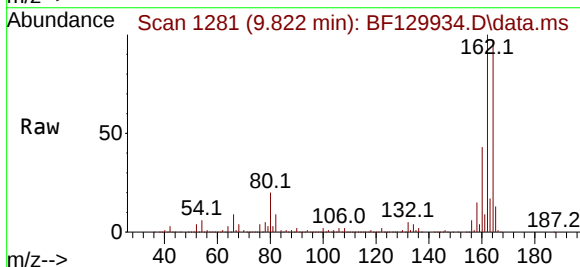
Tgt Ion:164 Resp: 350998

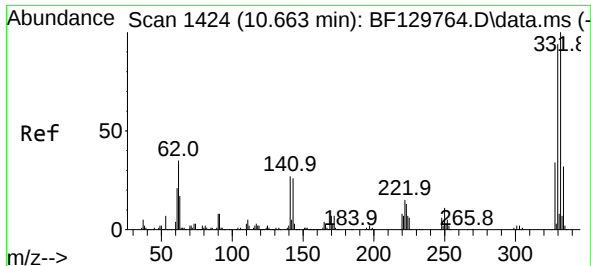
Ion Ratio Lower Upper

164 100

162 102.9 82.0 123.0

160 44.7 35.4 53.0





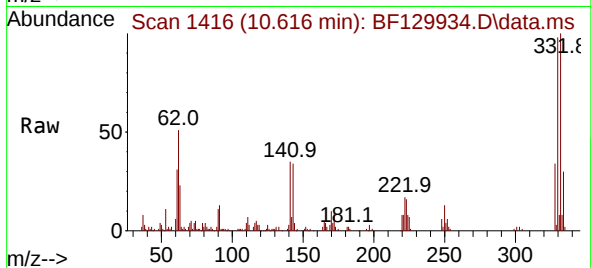
#42
2,4,6-Tribromophenol
Concen: 11.402 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

Instrument :

BNA_F

ClientSampleId :

BU-01-081722

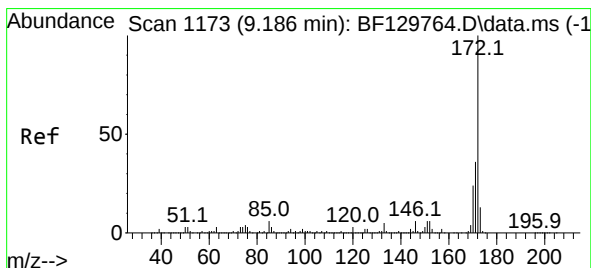
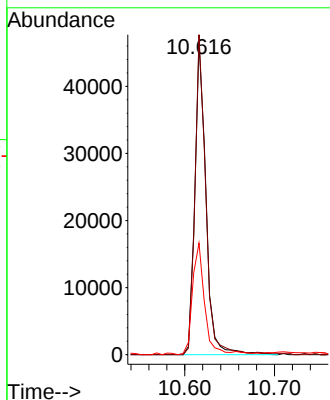
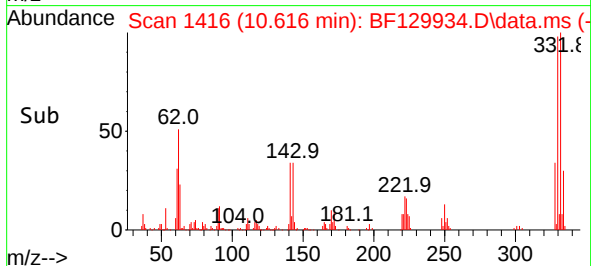


Tgt Ion: 330 Resp: 4016
Ion Ratio Lower Upper
330 100
332 99.0 82.6 124.0
141 38.1 27.6 41.4

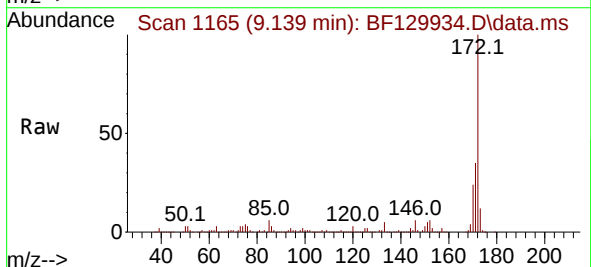
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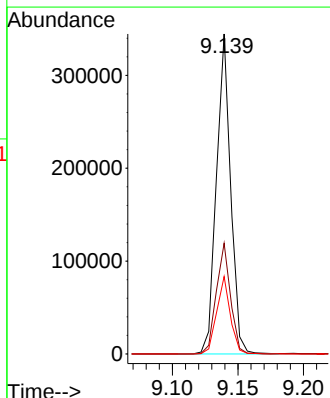
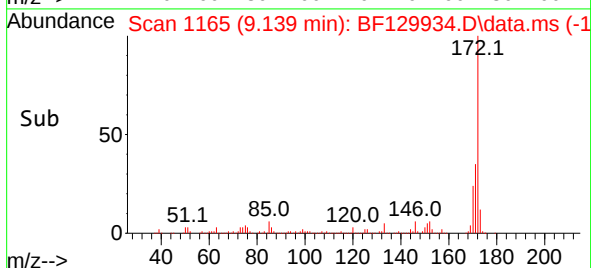
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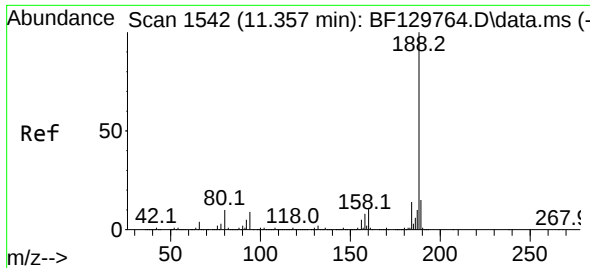


#45
2-Fluorobiphenyl
Concen: 11.222 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29



Tgt Ion: 172 Resp: 259334
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 24.2 19.1 28.7





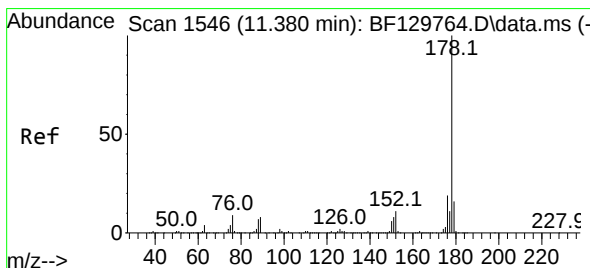
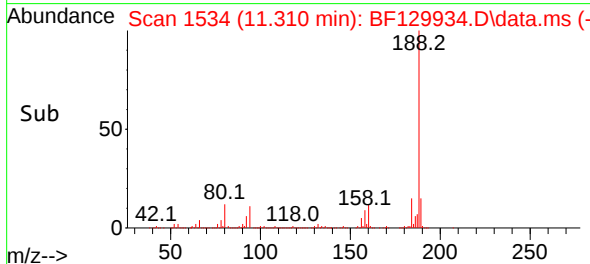
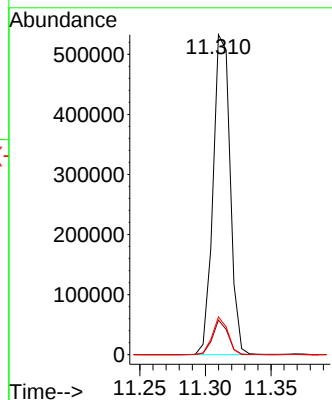
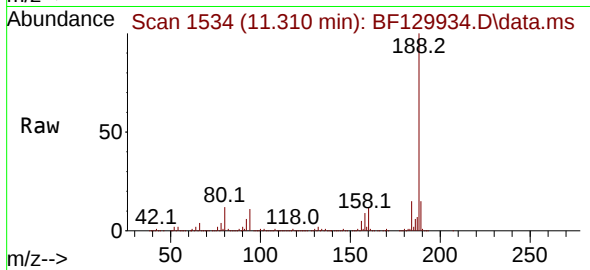
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

Instrument :
BNA_F
ClientSampleId :
BU-01-081722

Tgt Ion:188 Resp: 481785
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 11.8 7.9 11.9

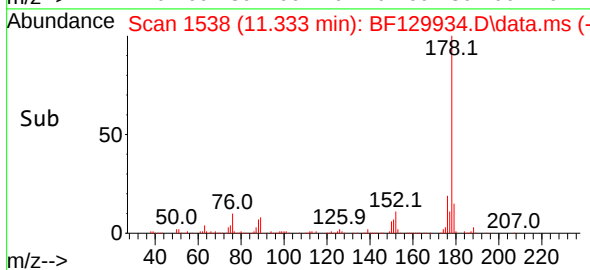
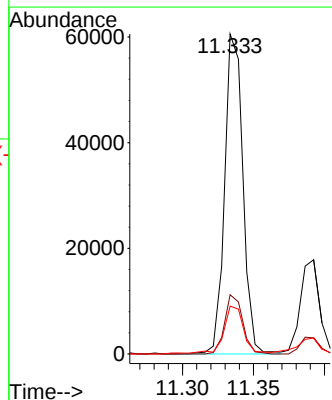
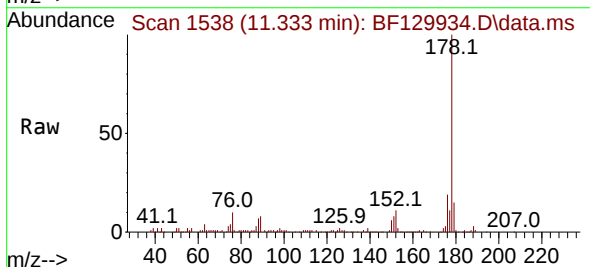
Manual Integrations
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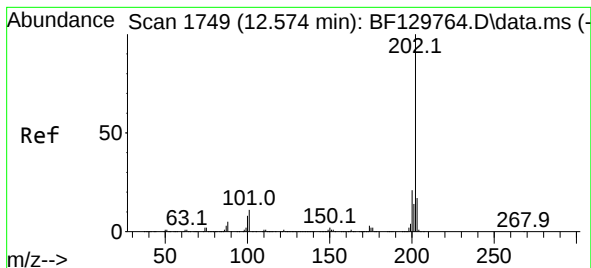
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#71
Phenanthrene
Concen: 2.012 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

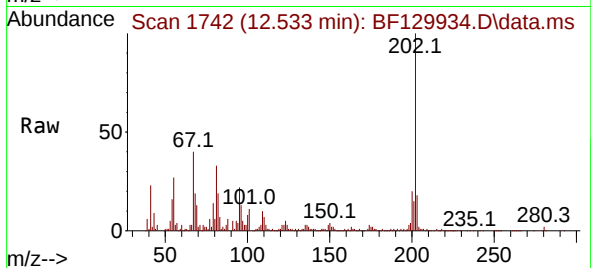
Tgt Ion:178 Resp: 54145
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.0 12.5 18.7





#75
Fluoranthene
Concen: 4.065 ng
RT: 12.533 min Scan# 111919
Delta R.T. 0.000 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

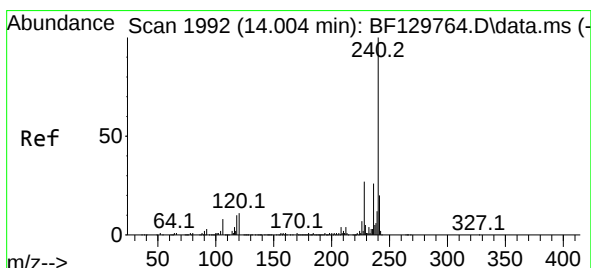
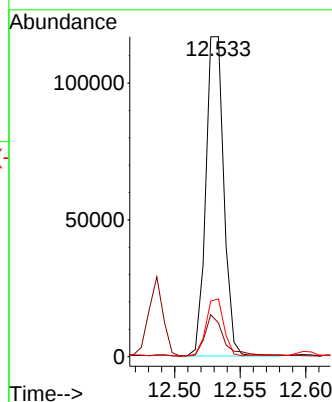
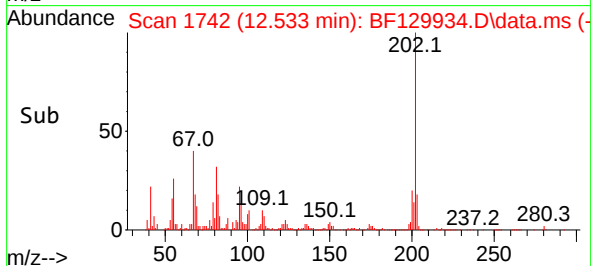
Instrument :
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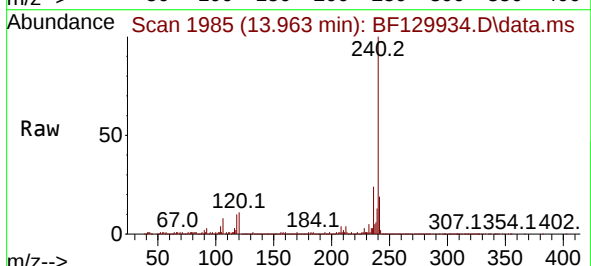
Tgt Ion:202 Resp: 111919
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 18.1 0.0 37.5

Manual Integrations
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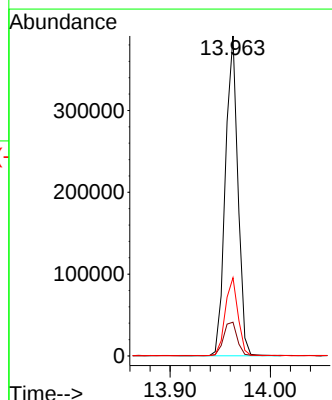
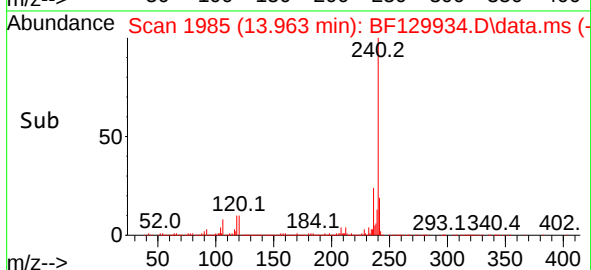
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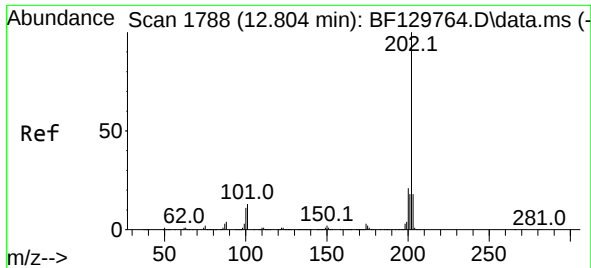


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29



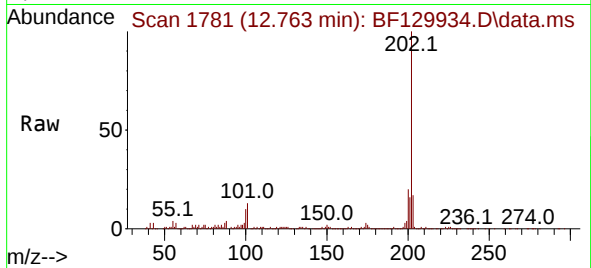
Tgt Ion:240 Resp: 337576
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 24.4 20.7 31.1





#78
Pyrene
Concen: 3.507 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

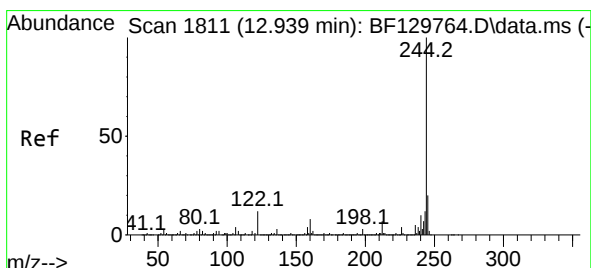
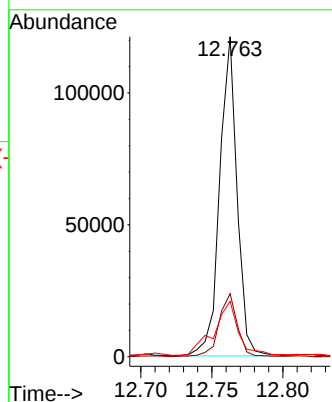
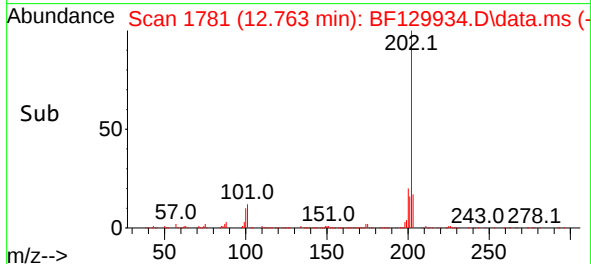
Instrument :
BNA_F
ClientSampleId :
BU-01-081722



Tgt Ion:202 Resp: 102885
Ion Ratio Lower Upper
202 100
200 19.7 17.0 25.6
203 17.3 14.1 21.1

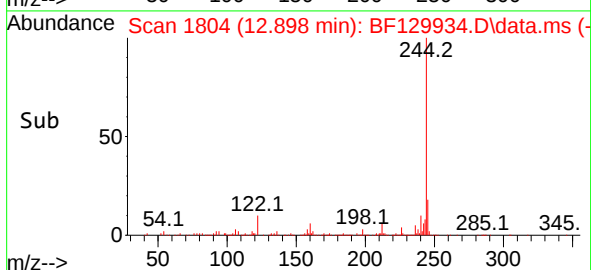
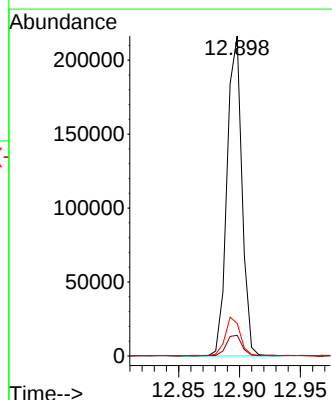
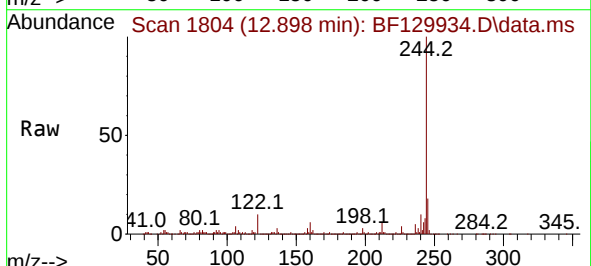
Manual Integrations
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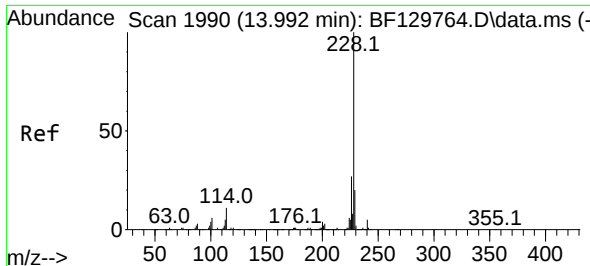
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#79
Terphenyl-d14
Concen: 9.099 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

Tgt Ion:244 Resp: 184591
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 10.2 9.9 14.9





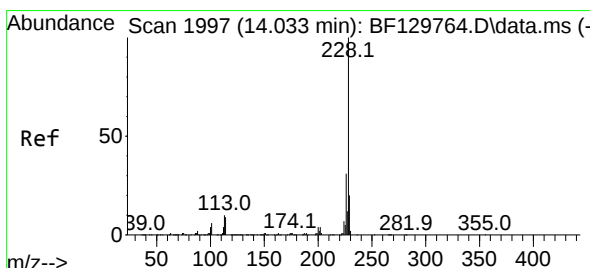
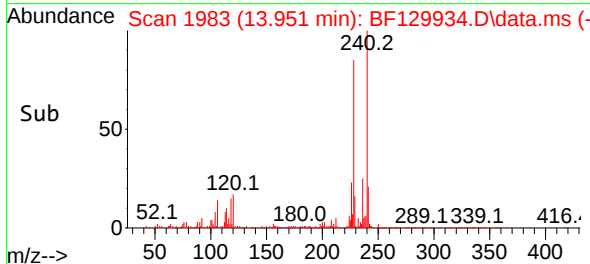
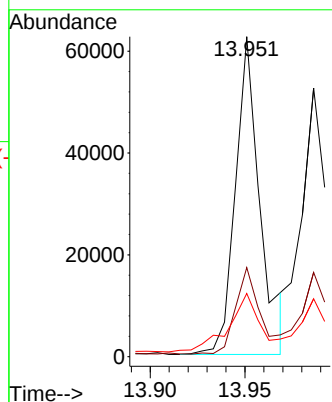
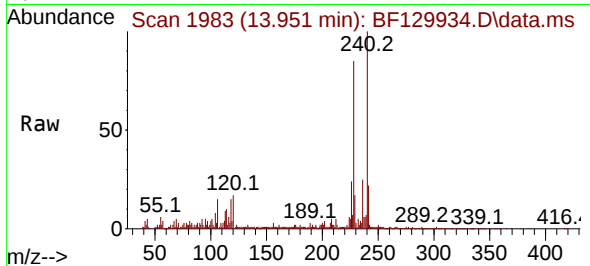
#81
Benzo(a)anthracene
Concen: 2.423 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

Instrument :
BNA_F
ClientSampleId :
BU-01-081722

Tgt Ion:228 Resp: 56275
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.0
229 19.7 16.1 24.1

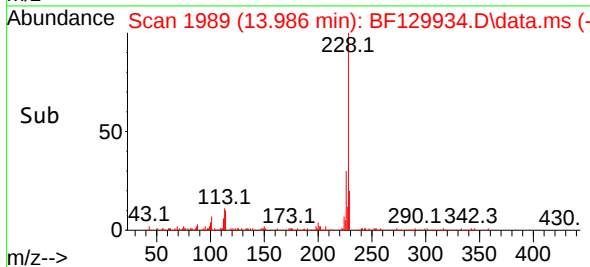
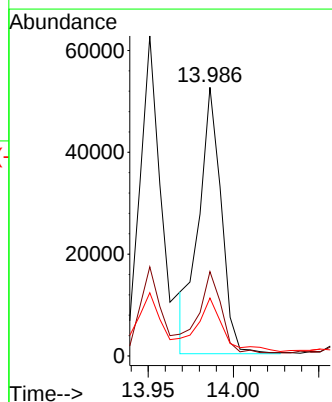
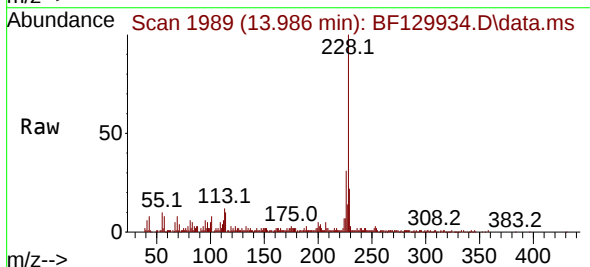
Manual Integrations
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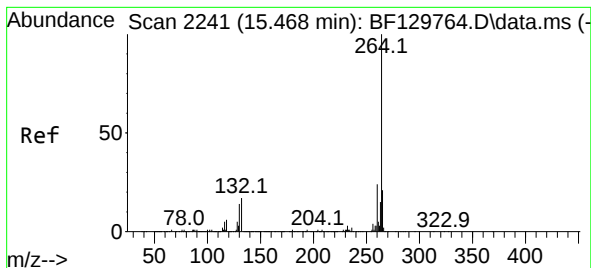
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#83
Chrysene
Concen: 2.212 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

Tgt Ion:228 Resp: 48094
Ion Ratio Lower Upper
228 100
226 31.4 24.4 36.6
229 21.6 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2161

Delta R.T. 0.006 min

Lab File: BF129934.D

Acq: 20 Aug 2022 04:29

Instrument :

BNA_F

ClientSampleId :

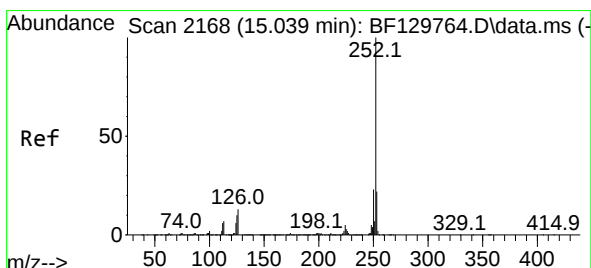
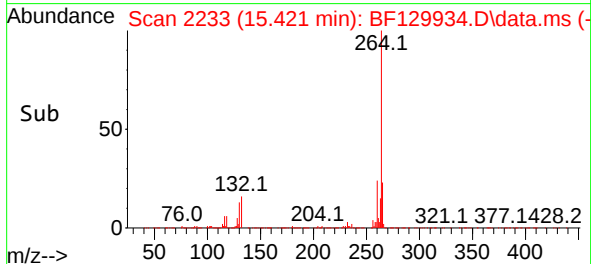
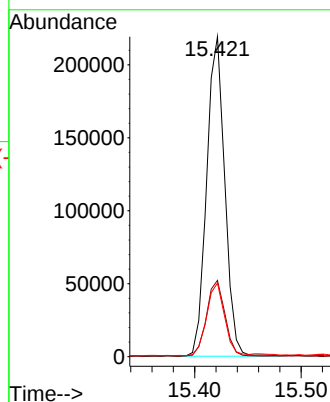
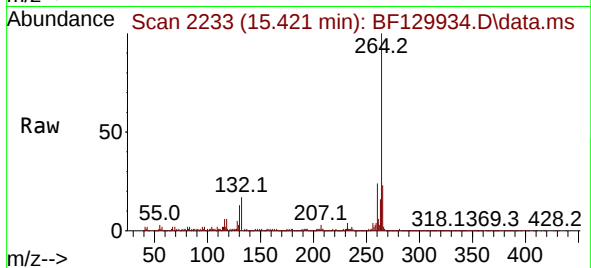
BU-01-081722

Tgt Ion:264 Resp: 25863
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 23.0 16.7 25.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#88

Benzo(b)fluoranthene

Concen: 3.559 ng m

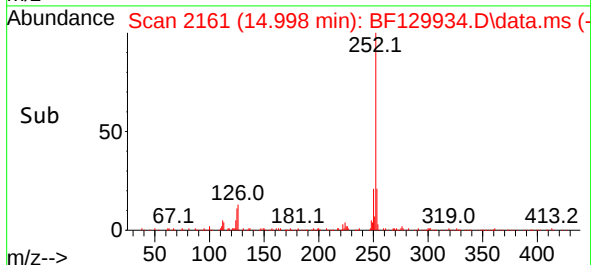
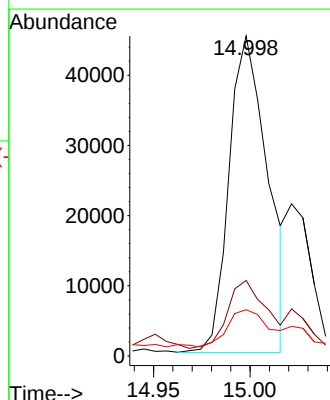
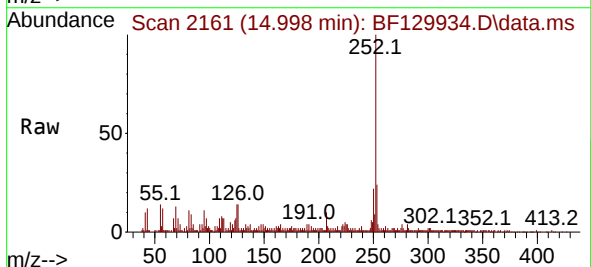
RT: 14.998 min Scan# 2161

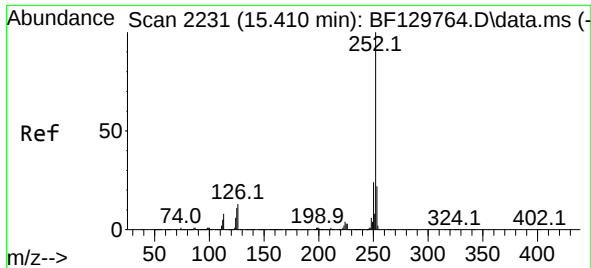
Delta R.T. 0.000 min

Lab File: BF129934.D

Acq: 20 Aug 2022 04:29

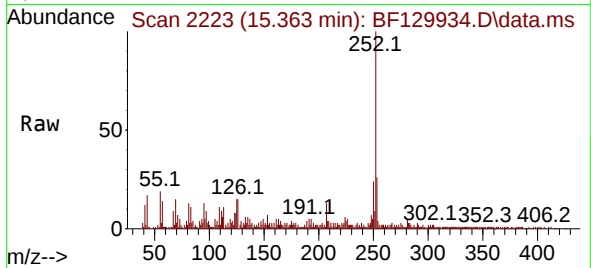
Tgt Ion:252 Resp: 63022
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.5 26.3
 125 14.5 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 2.953 ng
RT: 15.363 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129934.D
Acq: 20 Aug 2022 04:29

Instrument :
BNA_F
ClientSampleId :
BU-01-081722



Tgt Ion:252 Resp: 41185
Ion Ratio Lower Upper
252 100
253 25.6 17.2 25.8
125 15.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

