

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129864.D
 Acq On : 18 Aug 2022 02:01
 Operator : CG\JU
 Sample : N4189-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB11

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/18/2022
 Supervised By : Jagrut Upadhyay 08/18/2022

Quant Time: Aug 18 05:42:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 05:28:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	126662	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	494345	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	233671	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	329042	20.000	ng	0.00
76) Chrysene-d12	13.992	240	259987	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	206585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	798474	104.375	ng	0.00
7) Phenol-d6	6.469	99	992989	103.652	ng	0.00
23) Nitrobenzene-d5	7.381	82	627521	67.953	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	205520	87.633	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1133261	73.659	ng	0.00
79) Terphenyl-d14	12.922	244	906514	58.018	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.363	178	95912	5.219	ng	99
75) Fluoranthene	12.557	202	253310	13.470	ng	100
78) Pyrene	12.786	202	249243	11.032	ng	99
81) Benzo(a)anthracene	13.980	228	118940	6.650	ng	96
83) Chrysene	14.016	228	126461	7.554	ng	96
84) Bis(2-ethylhexyl)phtha...	13.951	149	24295	2.142	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.939	276	72119	5.085	ng	95
88) Benzo(b)fluoranthene	15.033	252	175740m	12.423	ng	
89) Benzo(k)fluoranthene	15.057	252	47827m	3.525	ng	
90) Benzo(a)pyrene	15.398	252	109258	9.808	ng	# 93
92) Benzo(g,h,i)perylene	17.392	276	77867	6.670	ng	94

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

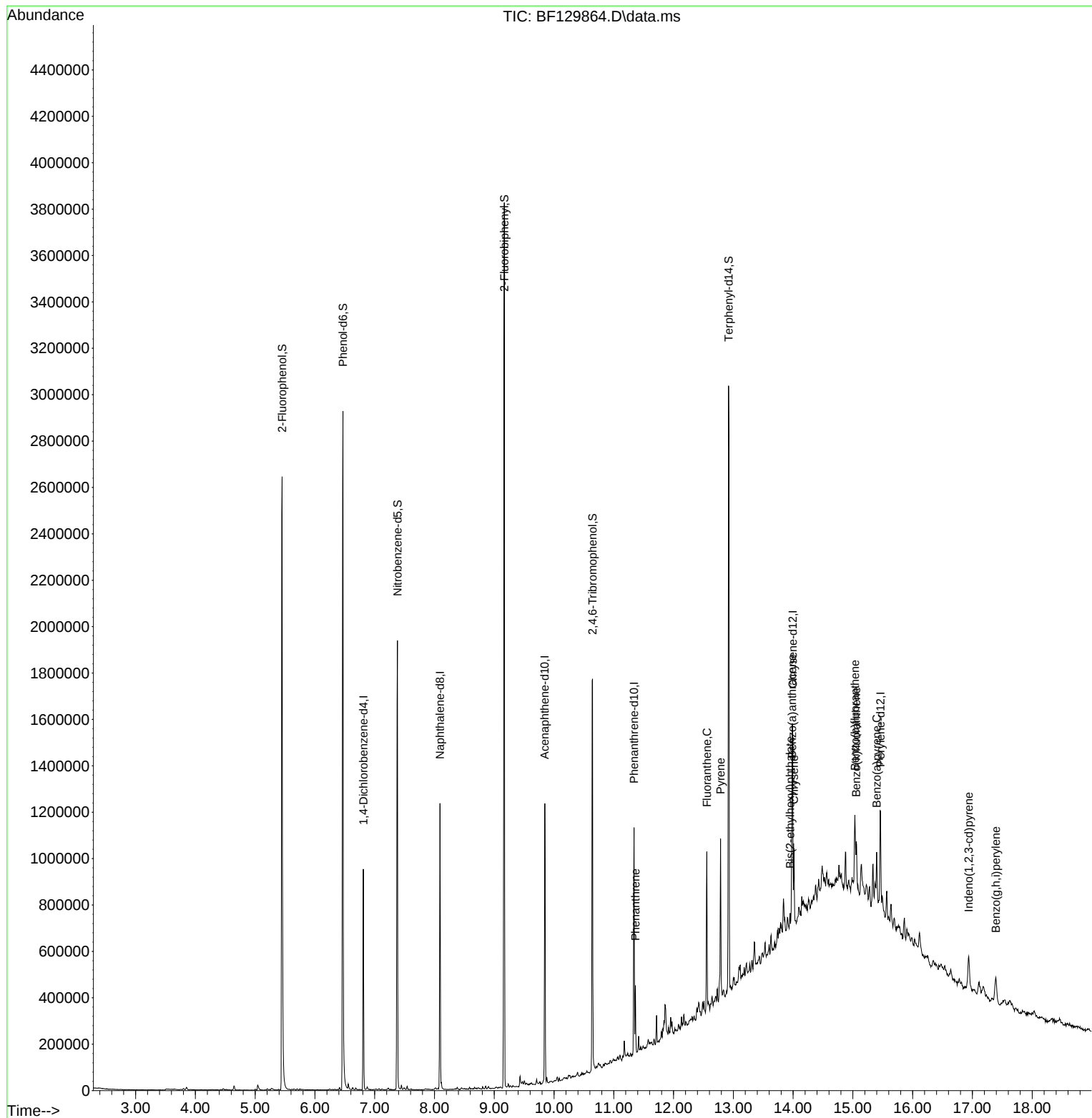
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
Data File : BF129864.D
Acq On : 18 Aug 2022 02:01
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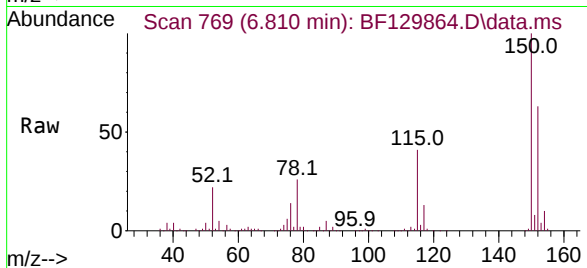
Quant Time: Aug 18 05:42:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 05:28:24 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

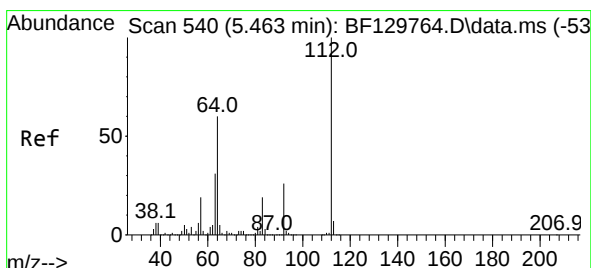
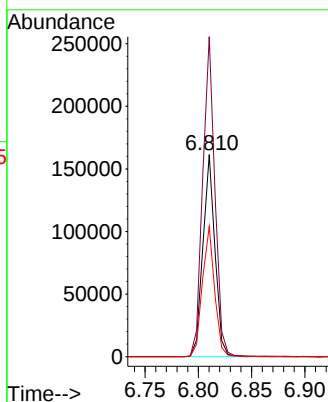
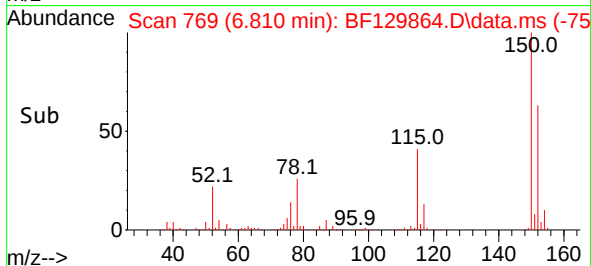
Instrument :
BNA_F
ClientSampleId :
SB11



Tgt Ion:152 Resp: 126662
Ion Ratio Lower Upper
152 100
150 158.4 126.9 190.3
115 64.4 53.4 80.0

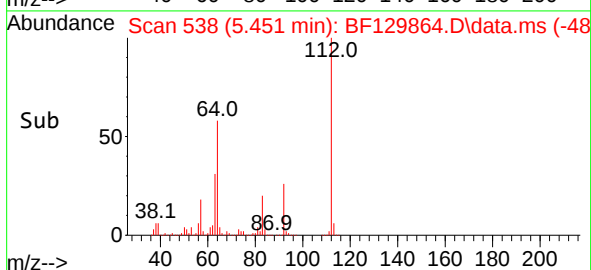
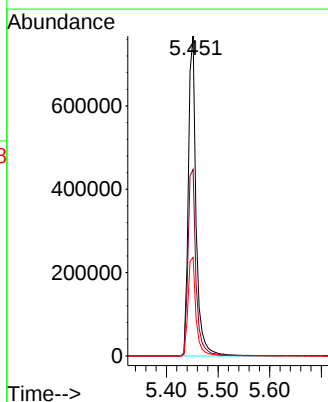
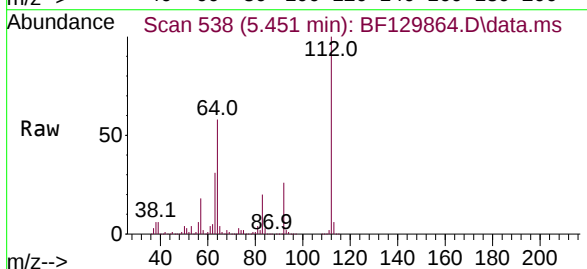
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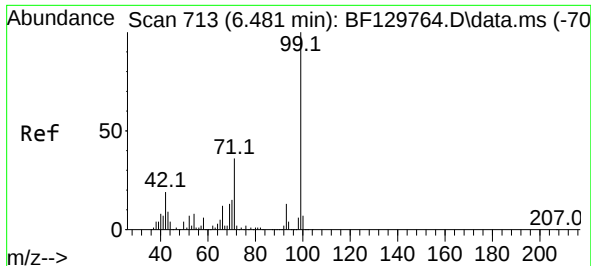
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#5
2-Fluorophenol
Concen: 104.375 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

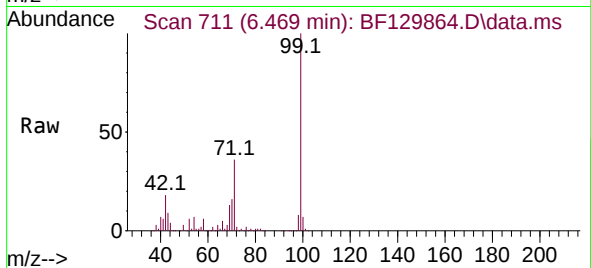
Tgt Ion:112 Resp: 798474
Ion Ratio Lower Upper
112 100
64 58.3 47.6 71.4
63 30.8 24.6 37.0





#7
Phenol-d6
Concen: 103.652 ng
RT: 6.469 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

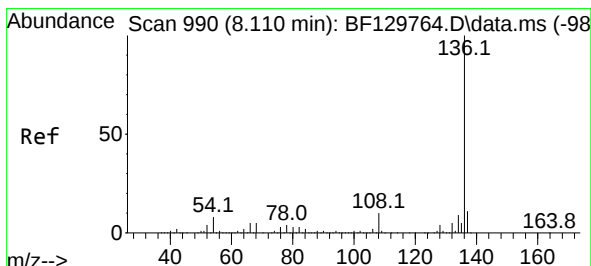
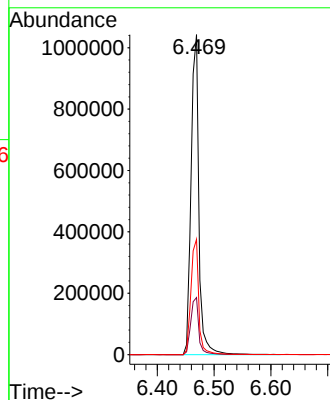
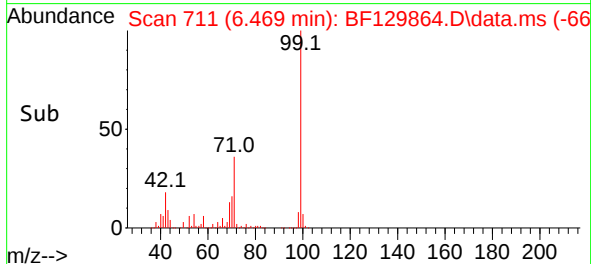
Instrument :
BNA_F
ClientSampleId :
SB11



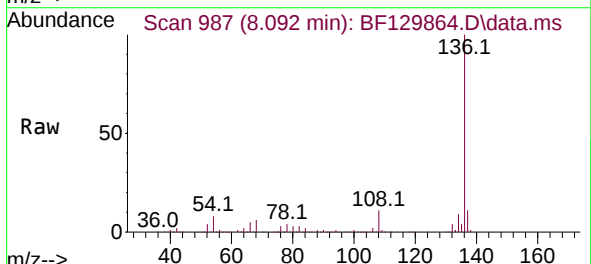
Tgt Ion: 99 Resp: 992989
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 36.0 28.8 43.2

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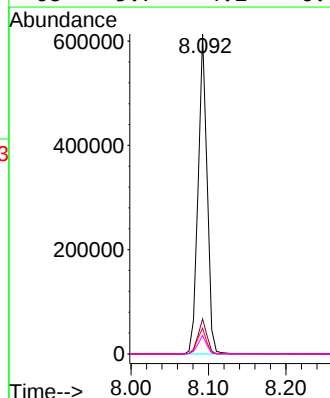
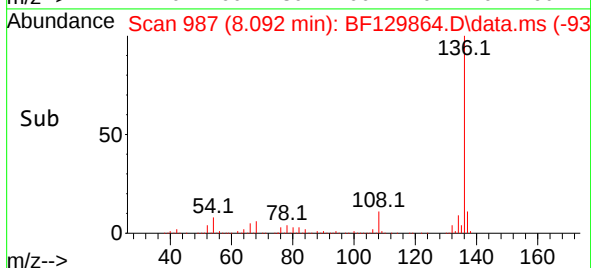
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01



Tgt Ion:136 Resp: 494345
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.0 6.2 9.2
68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 67.953 ng

RT: 7.381 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129864.D

Acq: 18 Aug 2022 02:01

Instrument :

BNA_F

ClientSampleId :

SB11

Tgt Ion: 82 Resp: 62752

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

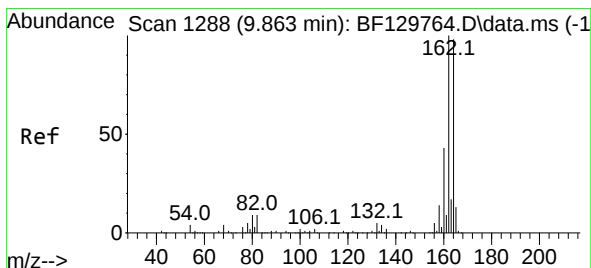
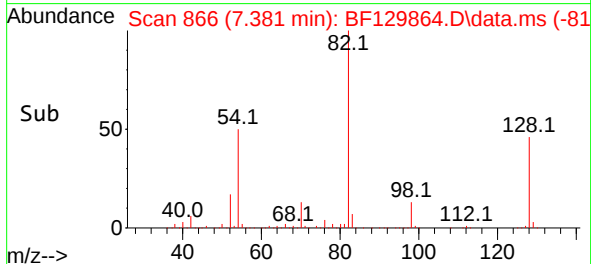
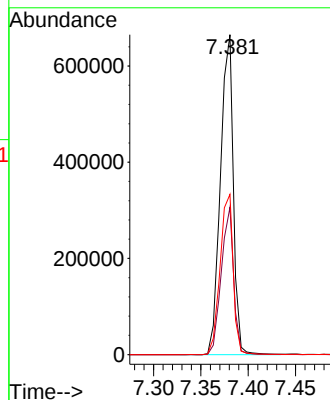
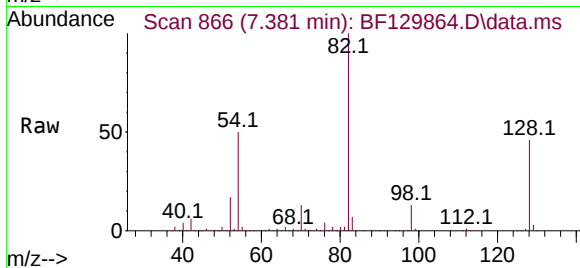
54 50.1 40.0 60.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF129864.D

Acq: 18 Aug 2022 02:01

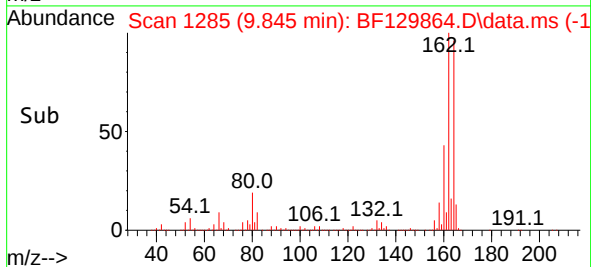
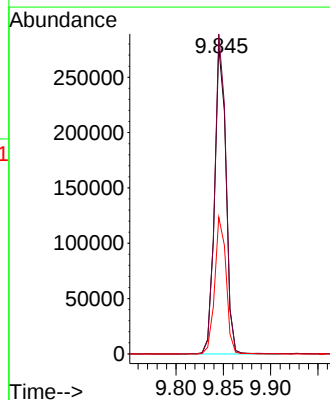
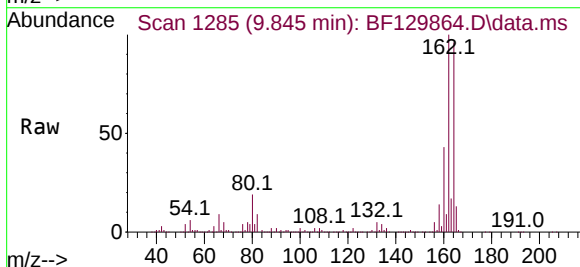
Tgt Ion:164 Resp: 233671

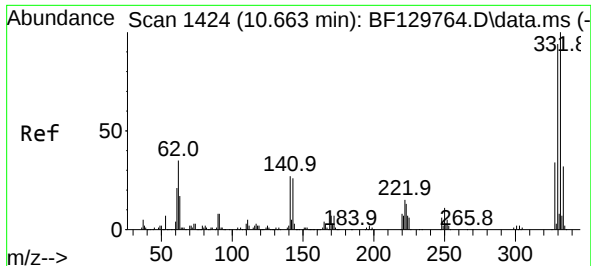
Ion Ratio Lower Upper

164 100

162 104.0 82.0 123.0

160 44.4 35.4 53.0





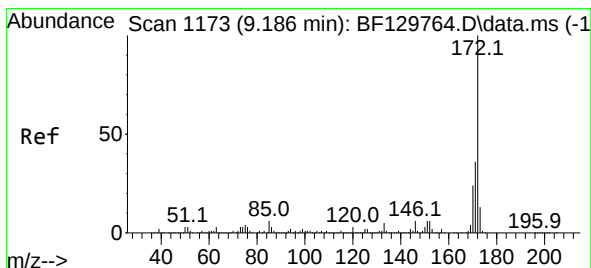
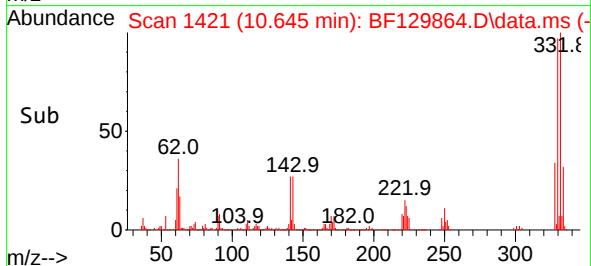
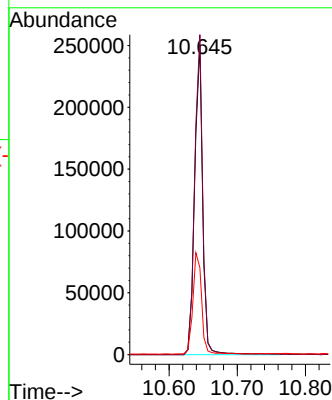
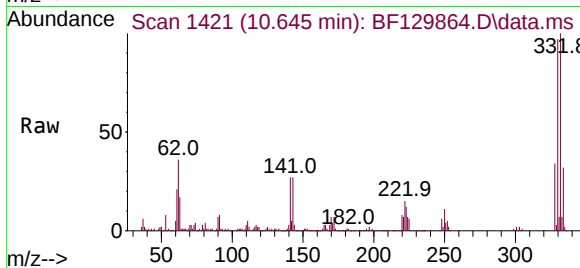
#42
2,4,6-Tribromophenol
Concen: 87.633 ng
RT: 10.645 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

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SB11

Tgt Ion: 330 Resp: 205520
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 35.6 27.6 41.4

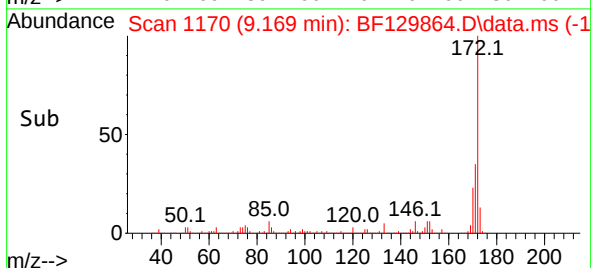
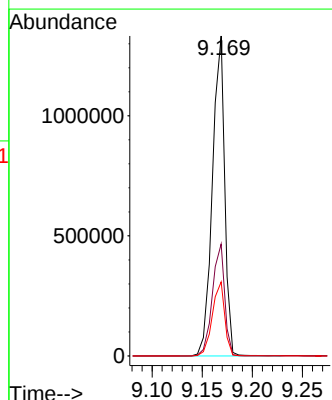
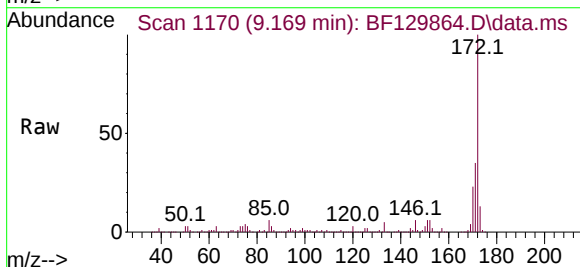
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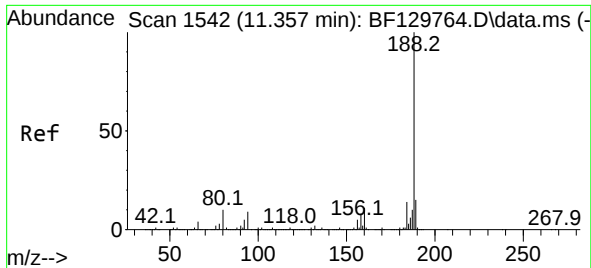
Reviewed By : Christian Giraldo 08/18/2022
Supervised By : Jagrut Upadhyay 08/18/2022



#45
2-Fluorobiphenyl
Concen: 73.659 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

Tgt Ion: 172 Resp: 1133261
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.1 19.1 28.7





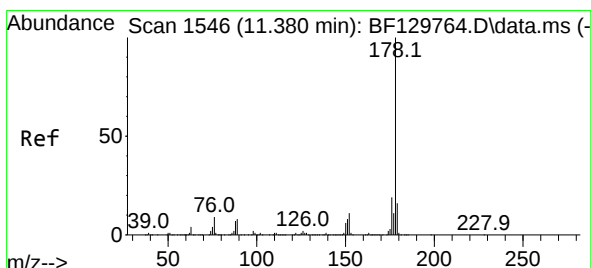
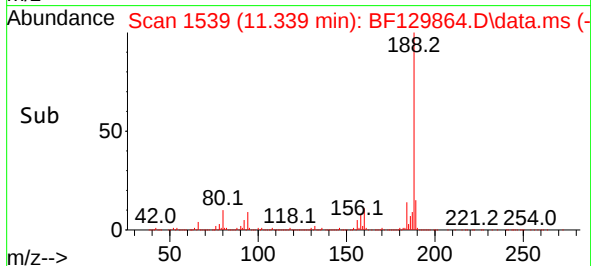
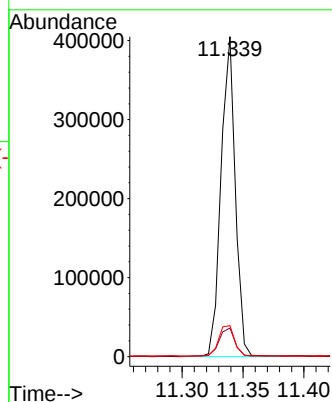
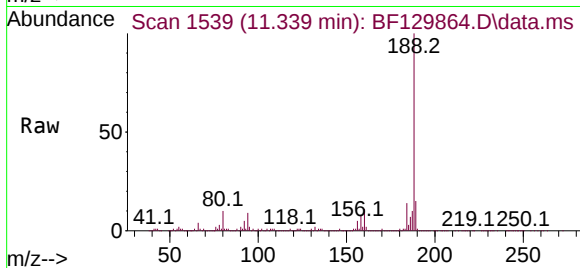
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

Instrument :
BNA_F
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SB11

Tgt Ion:188 Resp: 32904
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.7 7.9 11.9

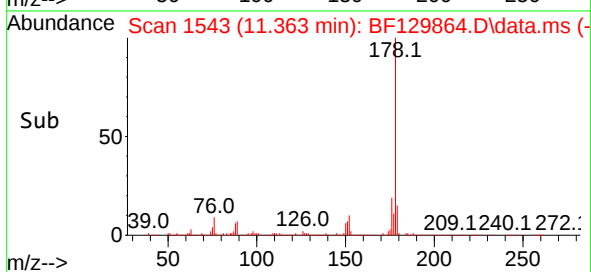
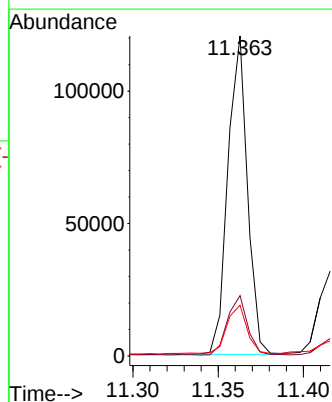
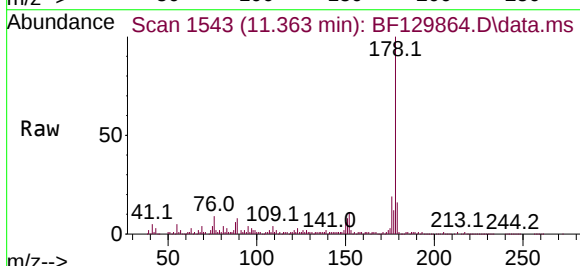
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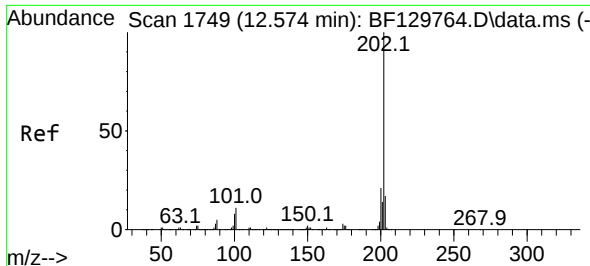
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#71
Phenanthrene
Concen: 5.219 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

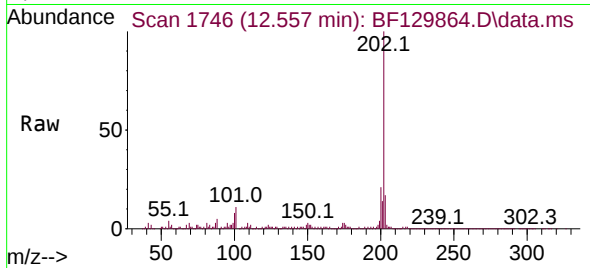
Tgt Ion:178 Resp: 95912
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.8 12.5 18.7





#75
Fluoranthene
Concen: 13.470 ng
RT: 12.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

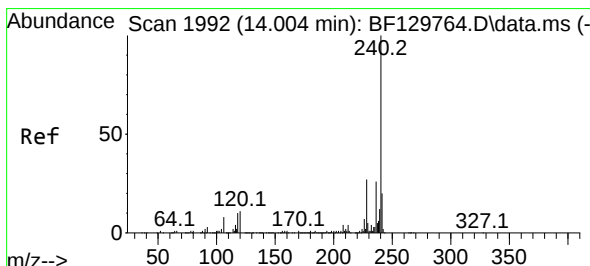
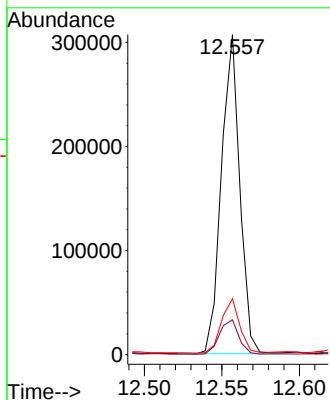
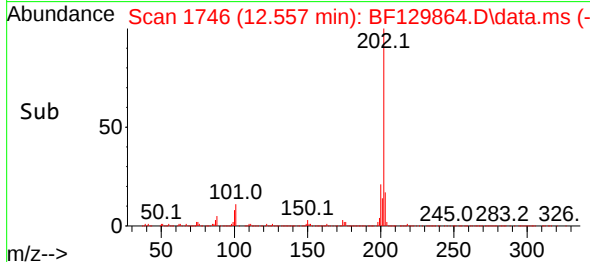
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Tgt Ion:202 Resp: 253310
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.5 0.0 37.5

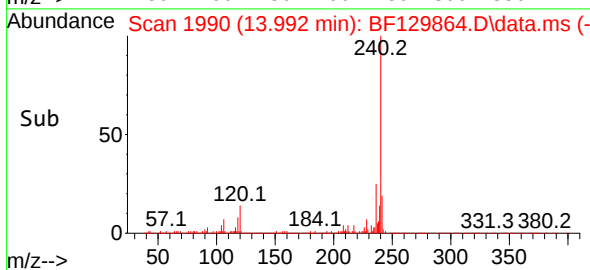
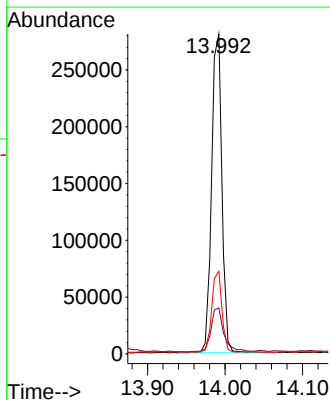
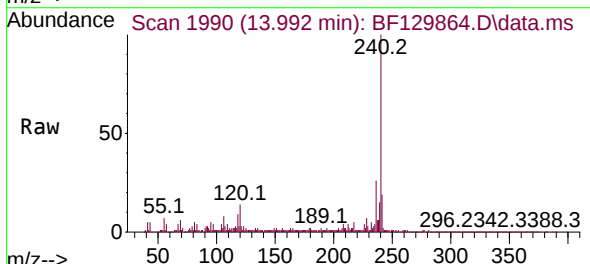
Manual Integrations
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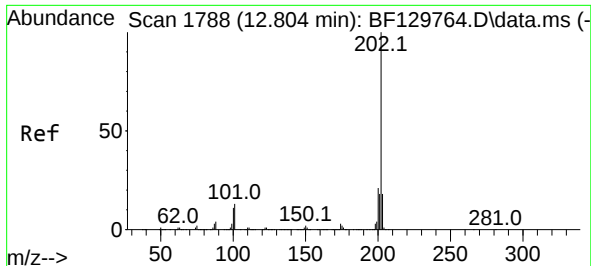
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

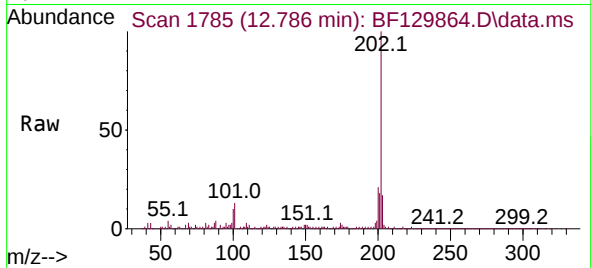
Tgt Ion:240 Resp: 259987
Ion Ratio Lower Upper
240 100
120 14.3 9.2 13.8#
236 25.8 20.7 31.1





#78
Pyrene
Concen: 11.032 ng
RT: 12.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

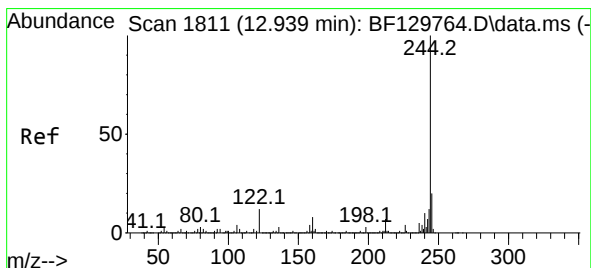
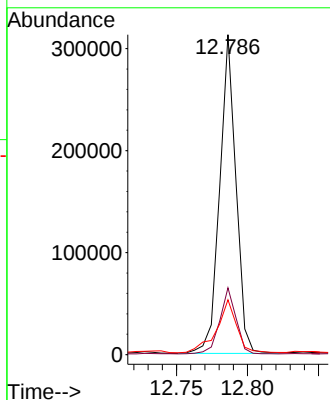
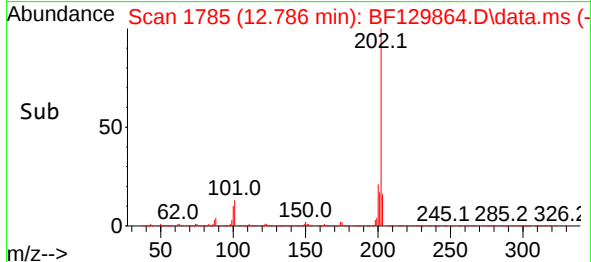
Instrument :
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ClientSampleId :
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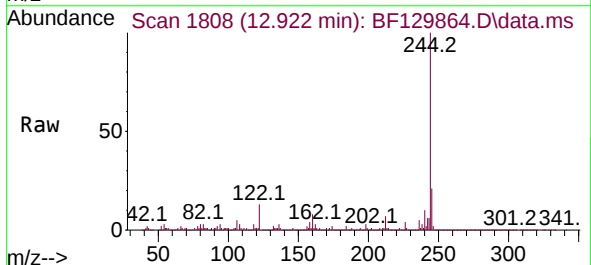
Tgt Ion:202 Resp: 249243
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.2 14.1 21.1

Manual Integrations
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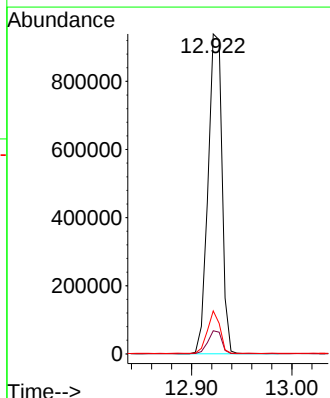
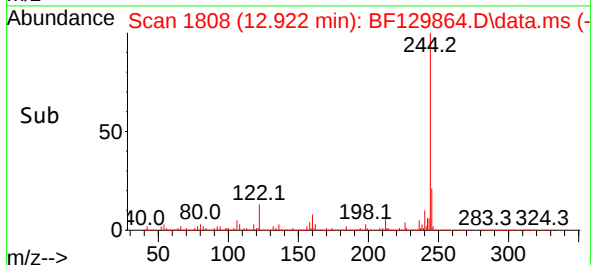
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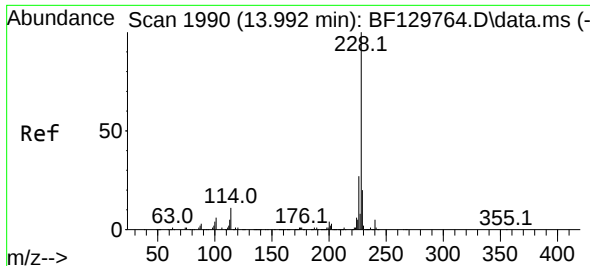


#79
Terphenyl-d14
Concen: 58.018 ng
RT: 12.922 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01



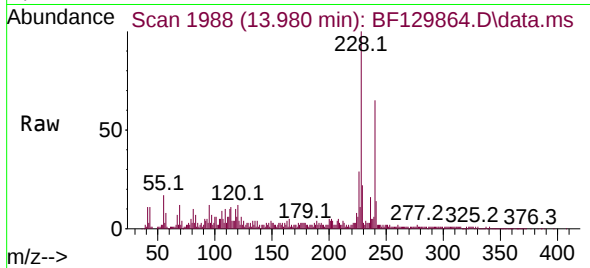
Tgt Ion:244 Resp: 906514
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 13.4 9.9 14.9





#81
Benzo(a)anthracene
Concen: 6.650 ng
RT: 13.980 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

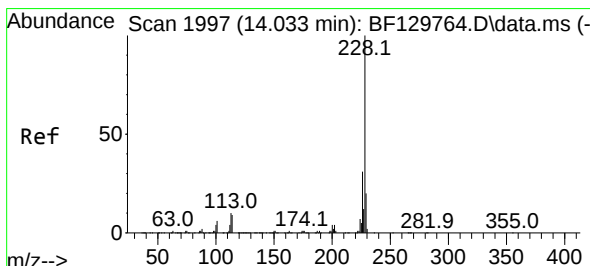
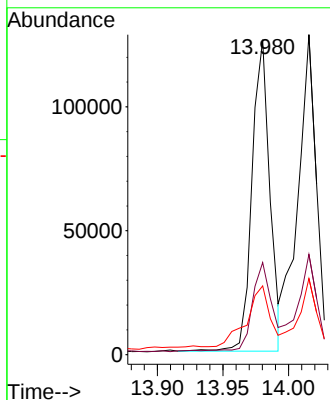
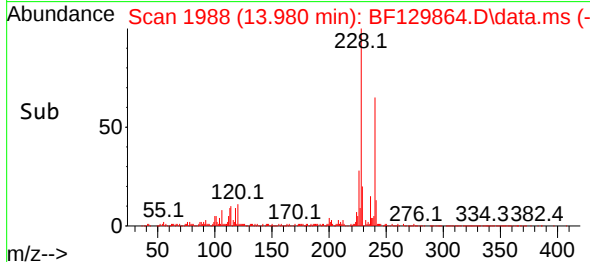
Instrument :
BNA_F
ClientSampleId :
SB11



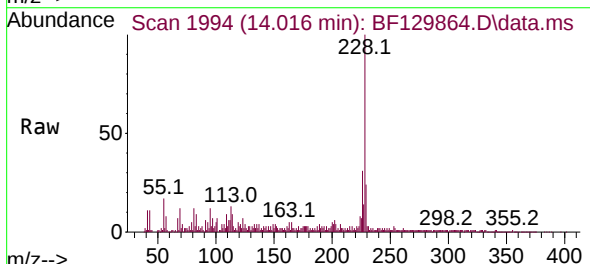
Tgt Ion:228 Resp: 118940
Ion Ratio Lower Upper
228 100
226 29.2 21.4 32.0
229 21.8 16.1 24.1

Manual Integrations
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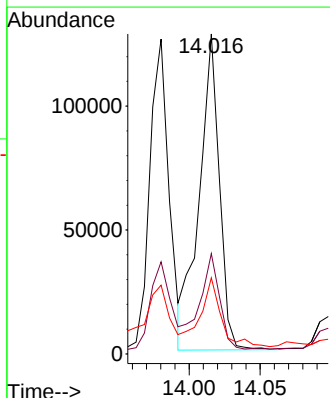
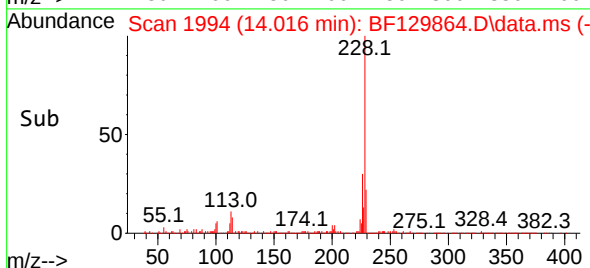
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

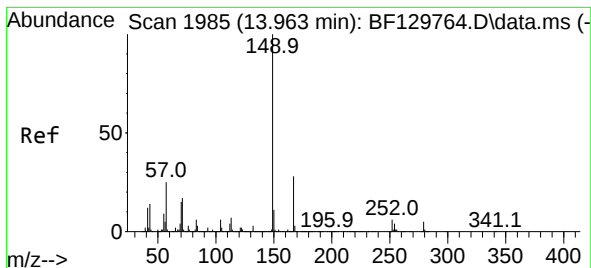


#83
Chrysene
Concen: 7.554 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01



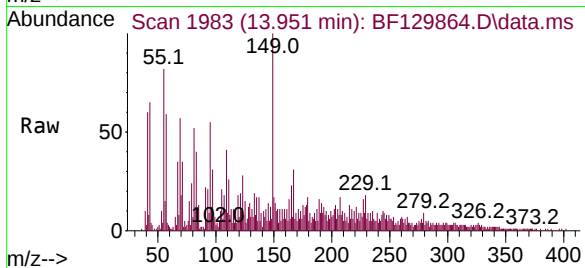
Tgt Ion:228 Resp: 126461
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 23.8 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.142 ng
RT: 13.951 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

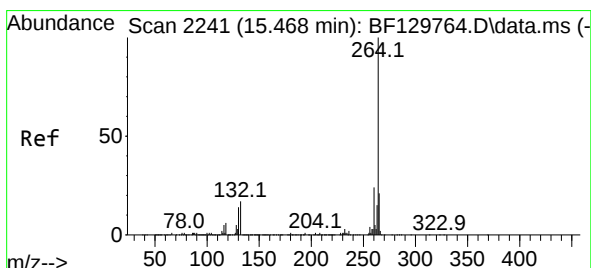
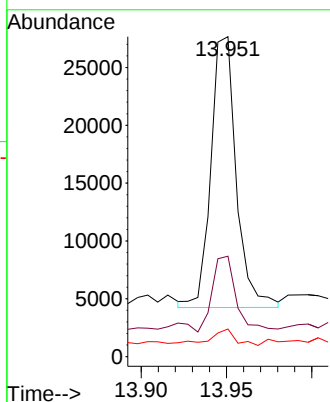
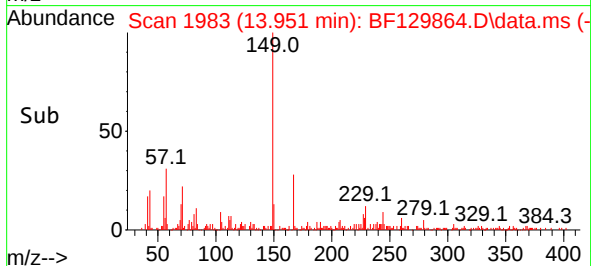
Instrument :
BNA_F
ClientSampleId :
SB11



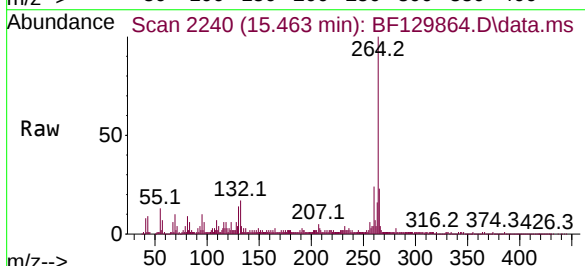
Tgt Ion:149 Resp: 24295
Ion Ratio Lower Upper
149 100
167 31.4 22.0 33.0
279 8.6 3.6 5.4

Manual Integrations
APPROVED

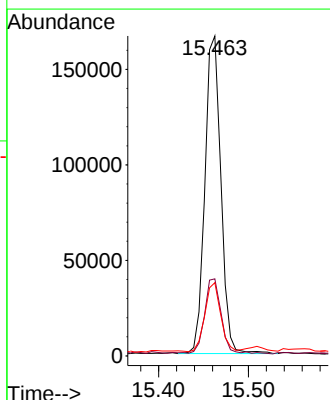
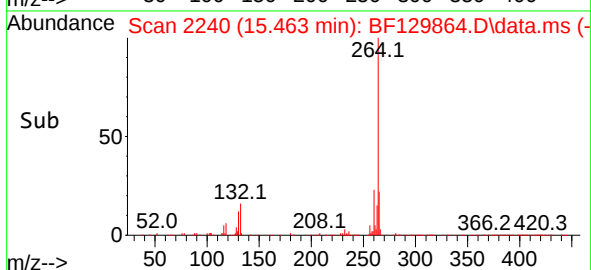
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

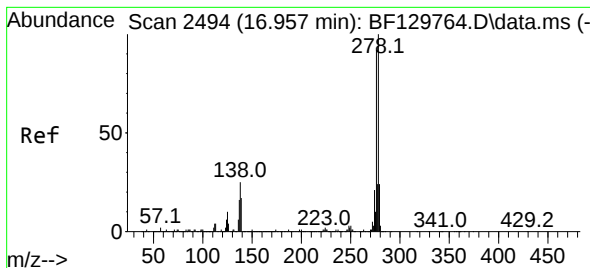


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01



Tgt Ion:264 Resp: 206585
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.085 ng

RT: 16.939 min Scan# 2494

Delta R.T. -0.000 min

Lab File: BF129864.D

Acq: 18 Aug 2022 02:01

Instrument :

BNA_F

ClientSampleId :

SB11

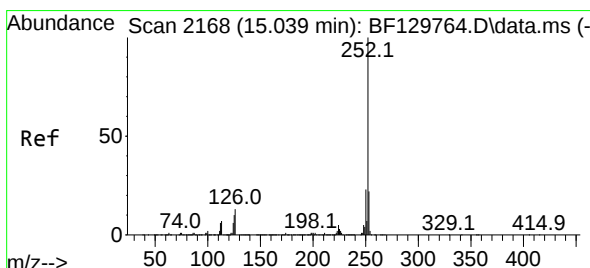
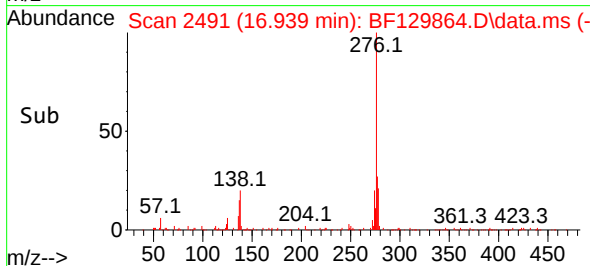
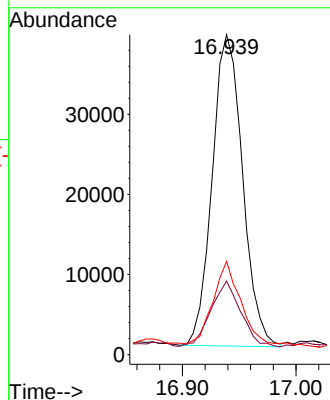
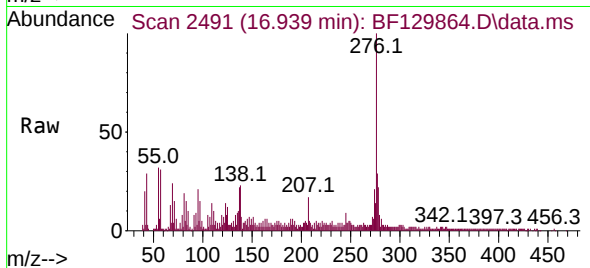
Tgt Ion:276 Resp: 72119
 Ion Ratio Lower Upper
 276 100
 138 20.9 19.8 29.8
 277 26.9 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/18/2022

Supervised By :Jagrut Upadhyay 08/18/2022



#88

Benzo(b)fluoranthene

Concen: 12.423 ng m

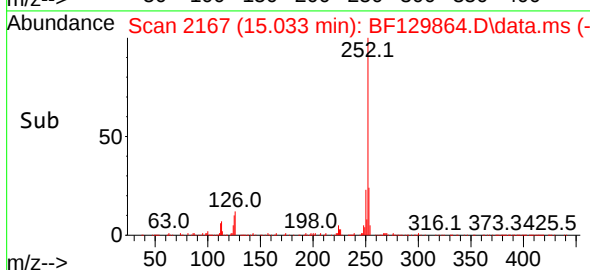
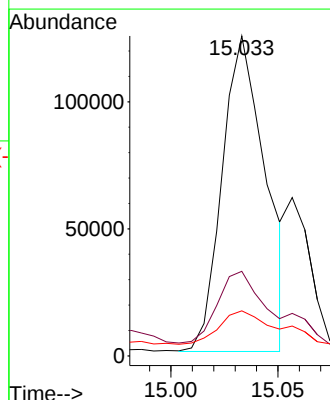
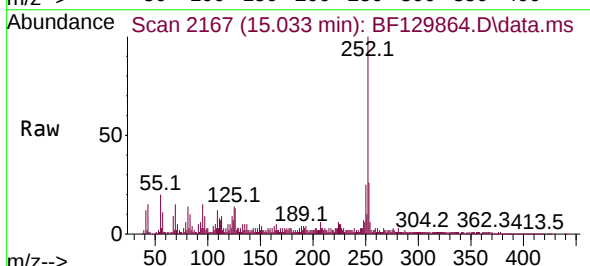
RT: 15.033 min Scan# 2167

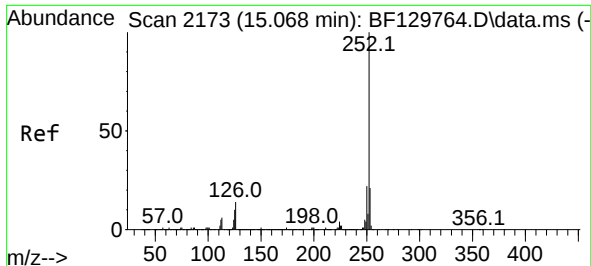
Delta R.T. 0.006 min

Lab File: BF129864.D

Acq: 18 Aug 2022 02:01

Tgt Ion:252 Resp: 175740
 Ion Ratio Lower Upper
 252 100
 253 26.4 17.5 26.3#
 125 14.1 8.3 12.5#





#89

Benzo(k)fluoranthene

Concen: 3.525 ng m

RT: 15.057 min Scan# 2173

Delta R.T. -0.000 min

Lab File: BF129864.D

Acq: 18 Aug 2022 02:01

Instrument :

BNA_F

ClientSampleId :

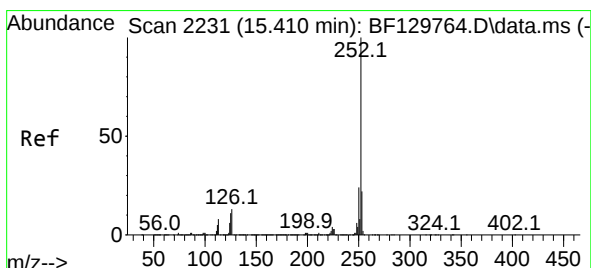
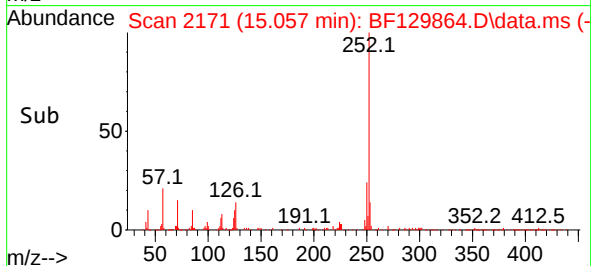
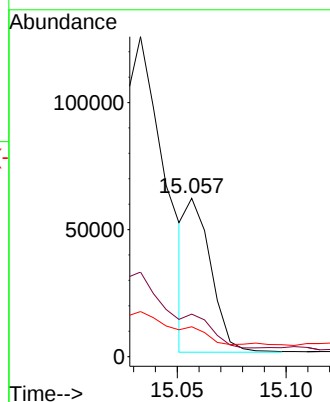
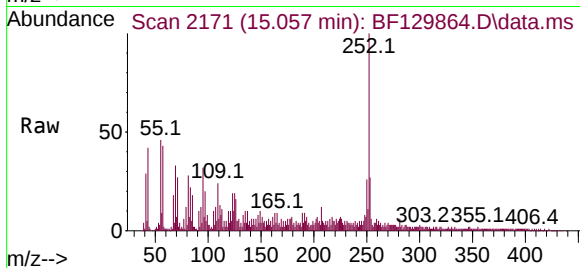
SB11

Tgt Ion:252 Resp: 47827
 Ion Ratio Lower Upper
 252 100
 253 26.9 17.1 25.7
 125 18.9 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/18/2022
 Supervised By :Jagrut Upadhyay 08/18/2022



#90

Benzo(a)pyrene

Concen: 9.808 ng

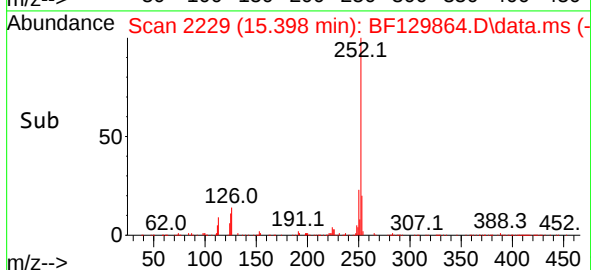
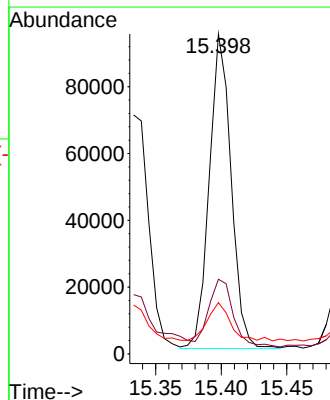
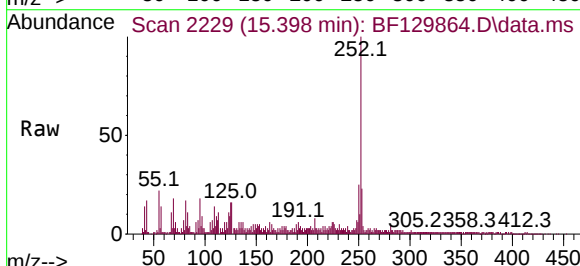
RT: 15.398 min Scan# 2229

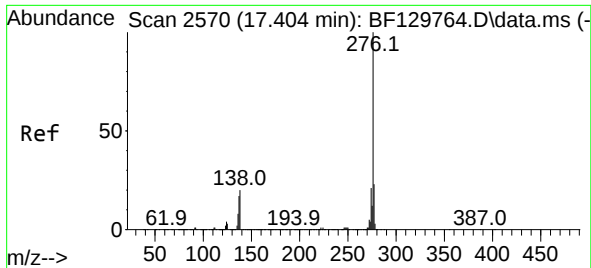
Delta R.T. 0.006 min

Lab File: BF129864.D

Acq: 18 Aug 2022 02:01

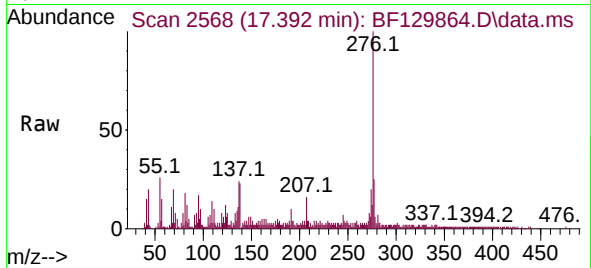
Tgt Ion:252 Resp: 109258
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.2 25.8
 125 16.0 8.8 13.2





#92
Benzo(g,h,i)perylene
Concen: 6.670 ng
RT: 17.392 min Scan# 2568
Delta R.T. 0.006 min
Lab File: BF129864.D
Acq: 18 Aug 2022 02:01

Instrument :
BNA_F
ClientSampleId :
SB11



Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.2	27.4
138	22.8	15.8	23.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

