

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129645.D
 Acq On : 08 Aug 2022 22:48
 Operator : CG\JU
 Sample : N4073-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24133

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

Quant Time: Aug 09 00:37:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	125948	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	418794	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	177305	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	187089	20.000	ng	# 0.04
76) Chrysene-d12	14.057	240	263538	20.000	ng	# 0.03
86) Perylene-d12	15.504	264	298447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	912945	118.079	ng	0.00
7) Phenol-d6	6.487	99	1085540	111.702	ng	-0.02
23) Nitrobenzene-d5	7.404	82	640251	83.455	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	204333	119.868	ng	0.01
45) 2-Fluorobiphenyl	9.198	172	949205	82.816	ng	-0.01
79) Terphenyl-d14	13.021	244	833711	59.683	ng	0.05
Target Compounds						Qvalue
31) Naphthalene	8.145	128	43542	2.046	ng	97
37) 2-Methylnaphthalene	8.833	142	47981	3.470	ng	99
38) 1-Methylnaphthalene	8.933	142	39314	2.945	ng	96
46) 1,1'-Biphenyl	9.298	154	31722	2.452	ng	95
71) Phenanthrene	11.445	178	82062	8.035	ng	# 1
75) Fluoranthene	12.663	202	74034	7.155	ng	# 49
78) Pyrene	12.892	202	72041	3.269	ng	# 56
81) Benzo(a)anthracene	14.045	228	41252	2.291	ng	# 84
83) Chrysene	14.080	228	50975	3.004	ng	# 86
84) Bis(2-ethylhexyl)phtha...	14.004	149	108024	8.584	ng	# 84
88) Benzo(b)fluoranthene	15.074	252	88505m	4.471	ng	
90) Benzo(a)pyrene	15.439	252	43394	2.700	ng	# 92

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

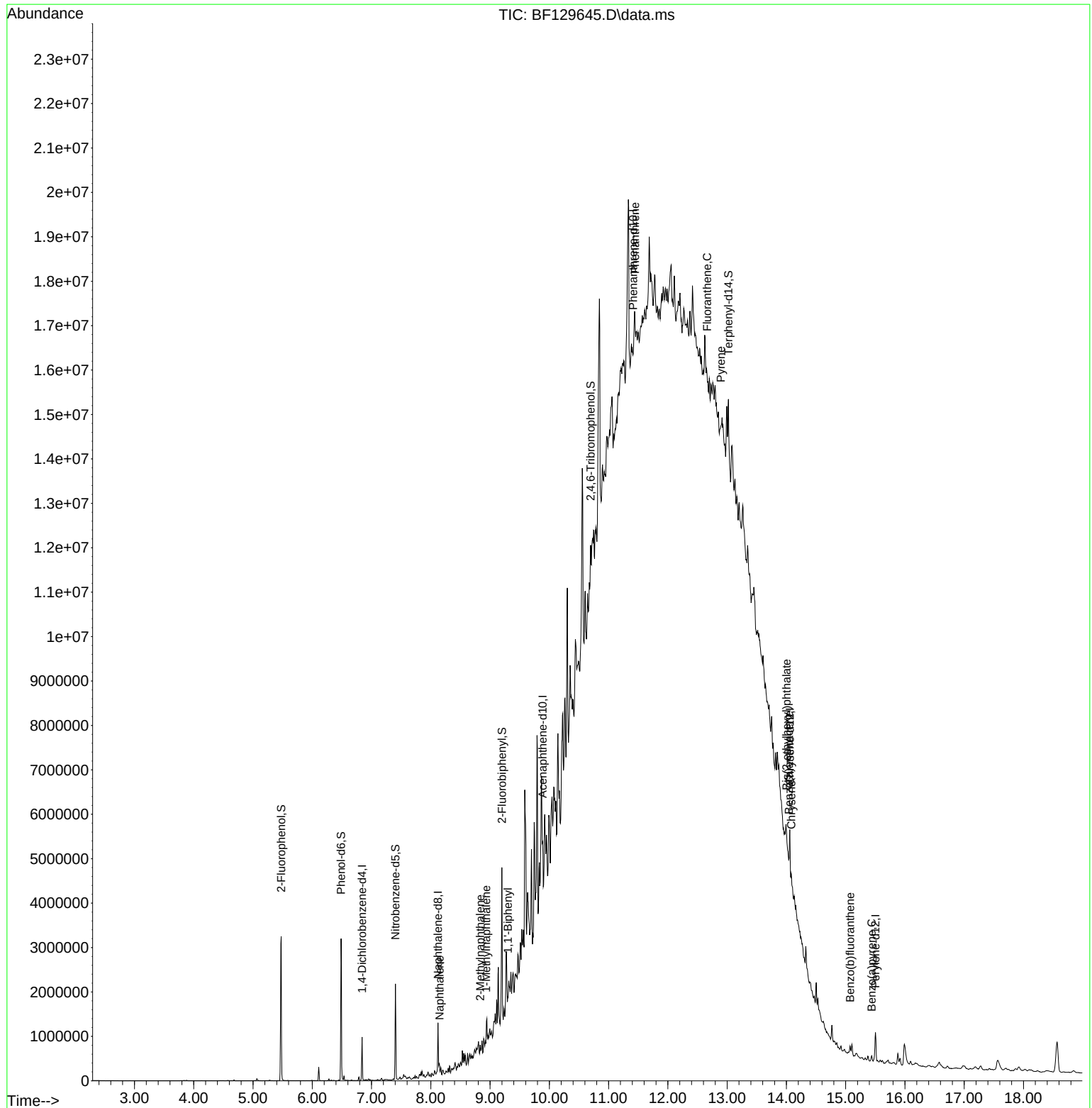
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129645.D
Acq On : 08 Aug 2022 22:48
Operator : CG\JU
Sample : N4073-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

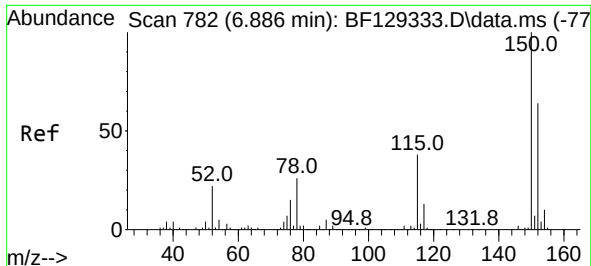
Instrument :
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Quant Time: Aug 09 00:37:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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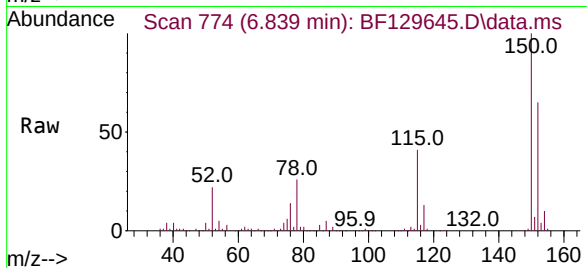
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

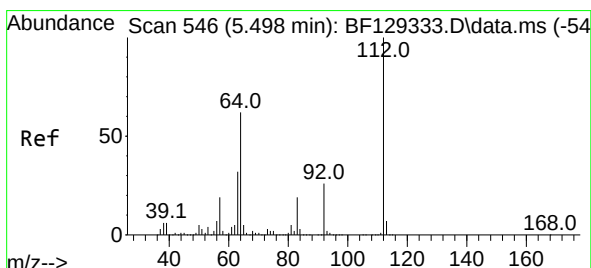
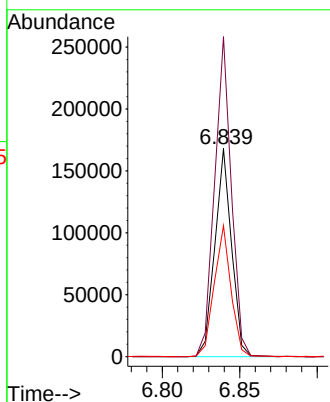
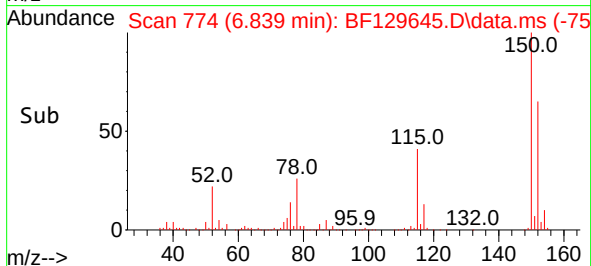
Instrument :
BNA_F
ClientSampleId :
CHRT-24133



Tgt Ion:152 Resp: 125948
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 62.9 49.9 74.9

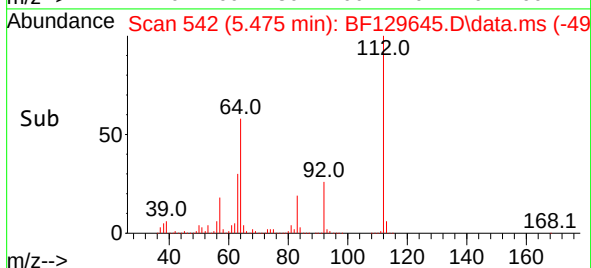
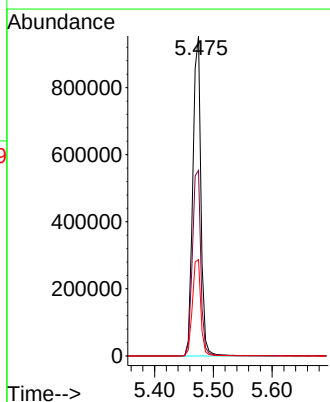
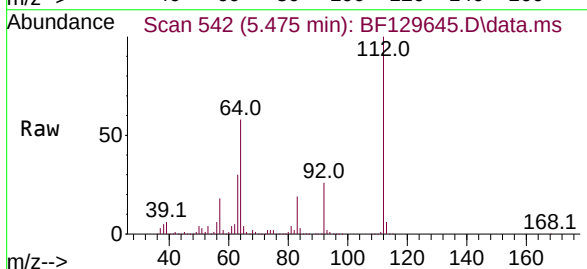
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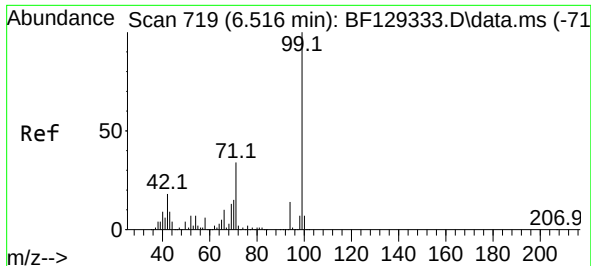
Reviewed By :Christian Giraldo 08/09/2022
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#5
2-Fluorophenol
Concen: 118.079 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

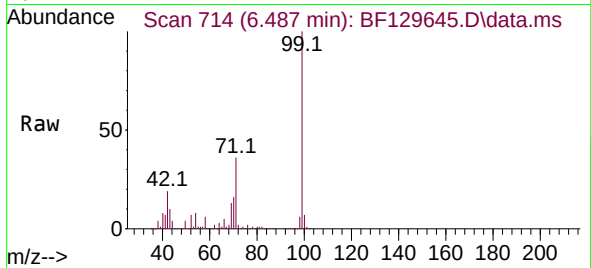
Tgt Ion:112 Resp: 912945
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 30.1 28.0 42.0





#7
Phenol-d6
Concen: 111.702 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.018 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

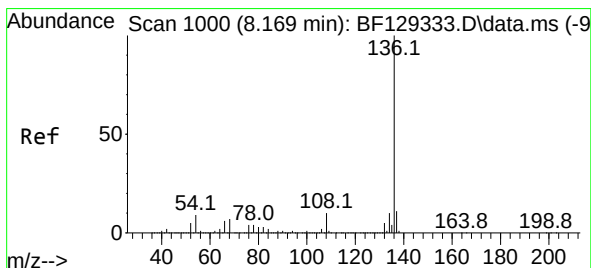
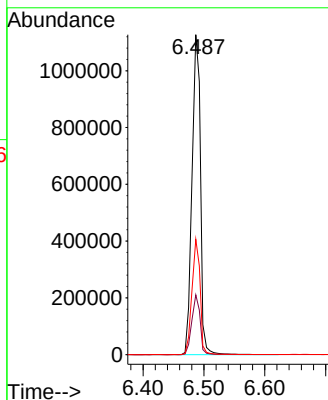
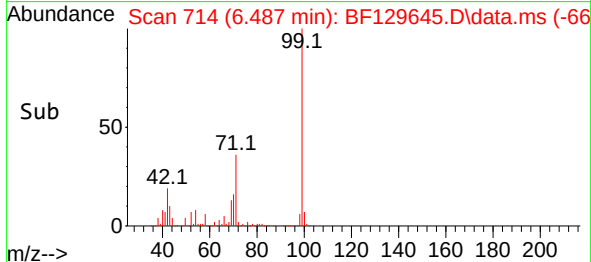
Instrument :
BNA_F
ClientSampleId :
CHRT-24133



Tgt Ion: 99 Resp: 1085540
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 36.0 28.9 43.3

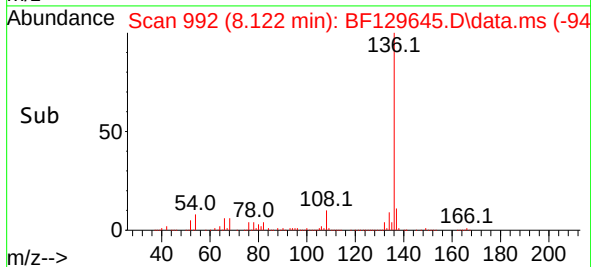
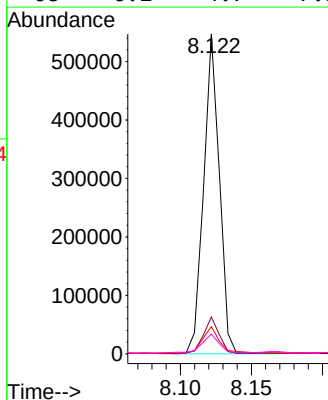
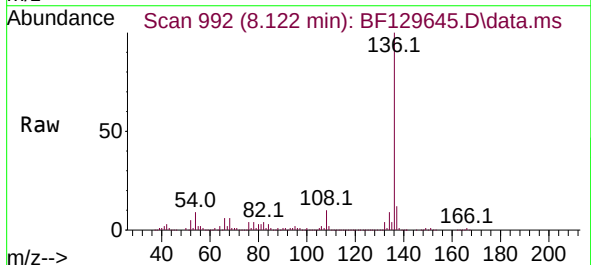
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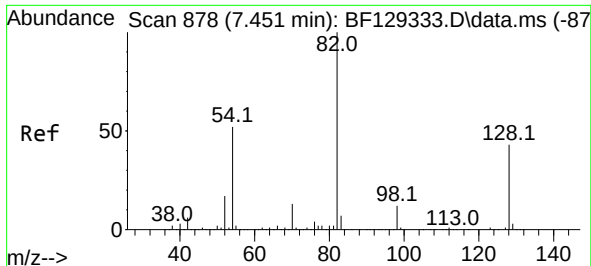
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

Tgt Ion:136 Resp: 418794
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.5 7.5 11.3
68 6.2 4.7 7.1





#23

Nitrobenzene-d5

Concen: 83.455 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF129645.D

Acq: 08 Aug 2022 22:48

Instrument :

BNA_F

ClientSampleId :

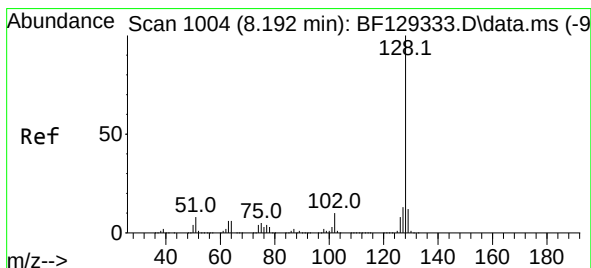
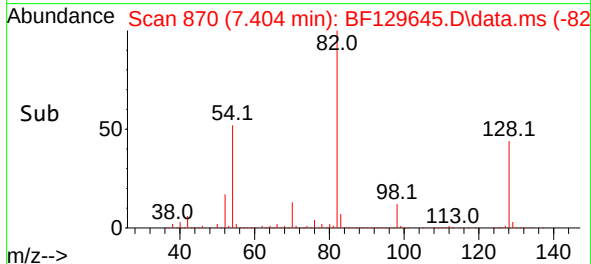
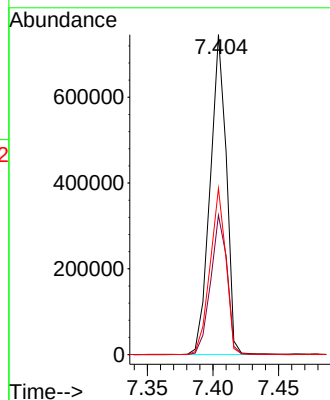
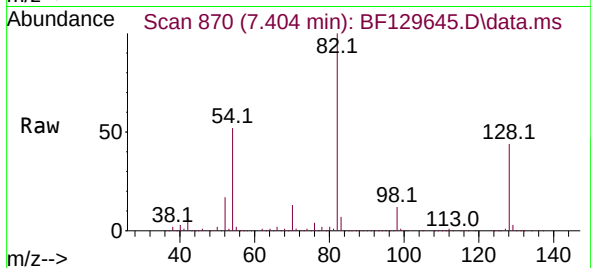
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Tgt Ion: 82 Resp: 64025
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.0 51.0
 54 52.0 46.9 70.3

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 Supervised By :Jagrut Upadhyay 08/09/2022



#31

Naphthalene

Concen: 2.046 ng

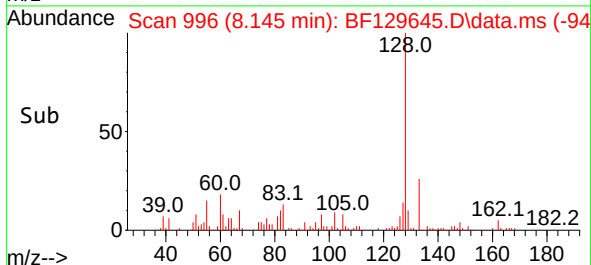
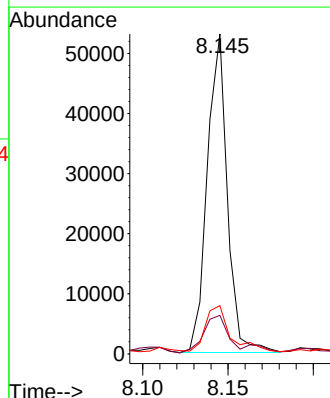
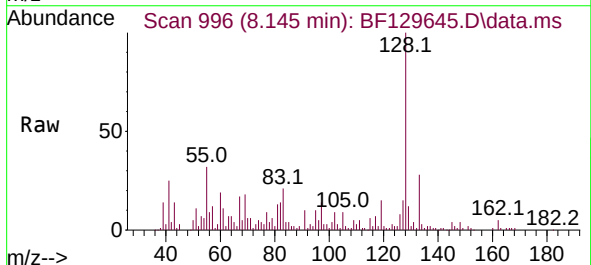
RT: 8.145 min Scan# 996

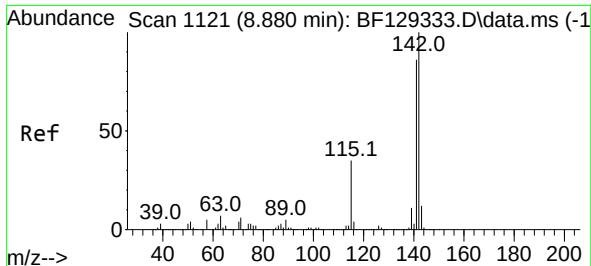
Delta R.T. -0.012 min

Lab File: BF129645.D

Acq: 08 Aug 2022 22:48

Tgt Ion:128 Resp: 43542
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.2 13.8
 127 15.1 10.5 15.7





#37

2-Methylnaphthalene

Concen: 3.470 ng

RT: 8.833 min Scan# 1113

Delta R.T. -0.018 min

Lab File: BF129645.D

Acq: 08 Aug 2022 22:48

Instrument :

BNA_F

ClientSampleId :

CHRT-24133

Tgt Ion:142 Resp: 4798

Ion Ratio Lower Upper

142 100

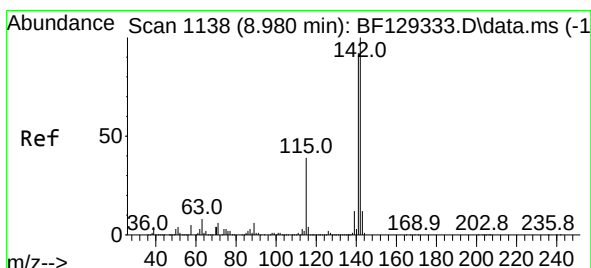
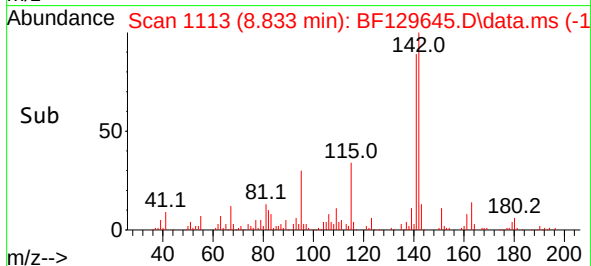
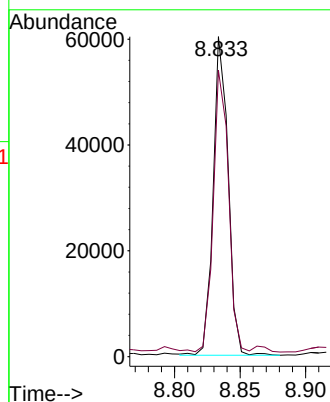
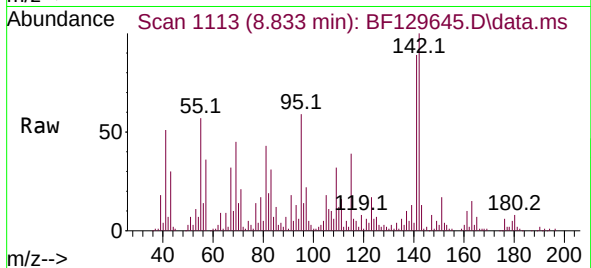
141 89.4 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/09/2022

Supervised By :Jagrut Upadhyay 08/09/2022



#38

1-Methylnaphthalene

Concen: 2.945 ng

RT: 8.933 min Scan# 1130

Delta R.T. -0.018 min

Lab File: BF129645.D

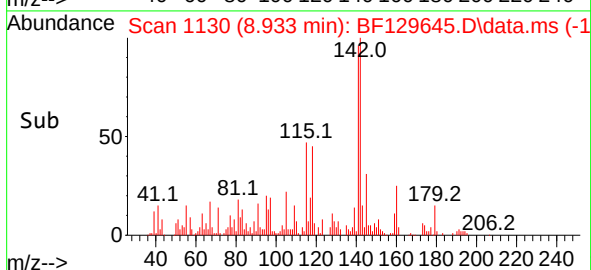
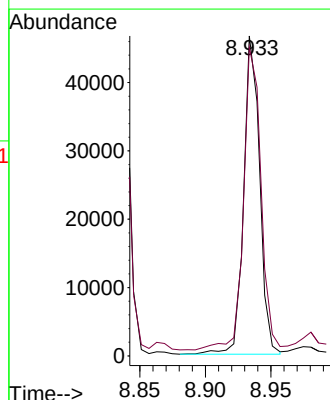
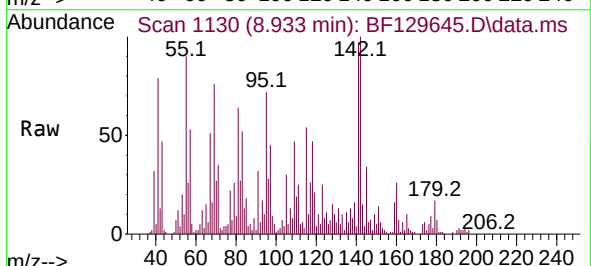
Acq: 08 Aug 2022 22:48

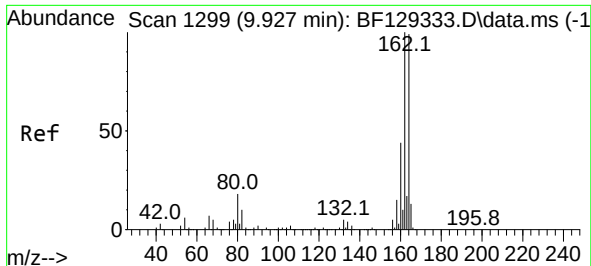
Tgt Ion:142 Resp: 39314

Ion Ratio Lower Upper

142 100

141 96.5 74.2 111.4





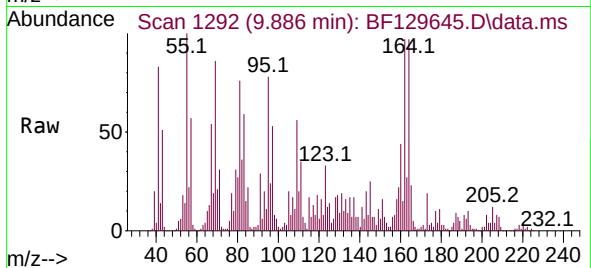
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

Instrument :

BNA_F

ClientSampleId :

CHRT-24133

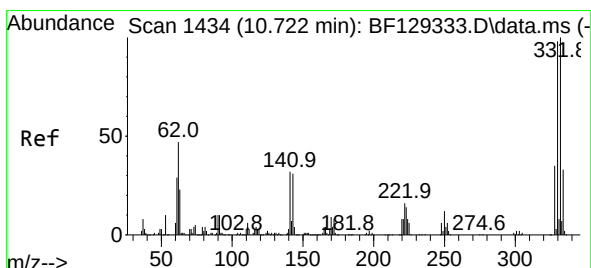
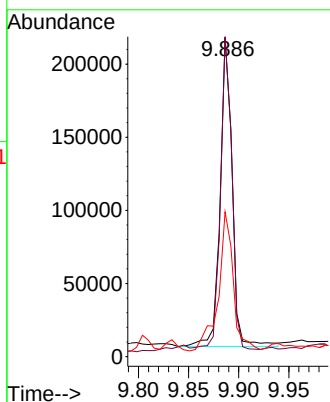
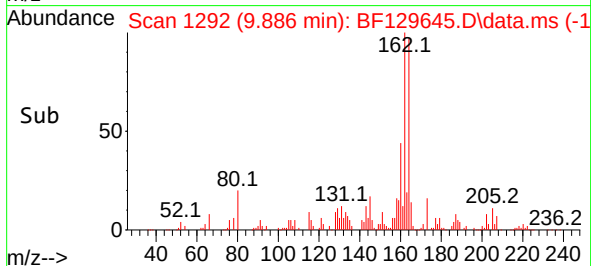


Tgt Ion:164 Resp: 177305
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 45.4 34.2 51.4

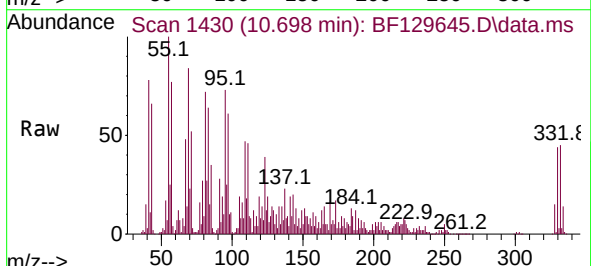
Manual Integrations

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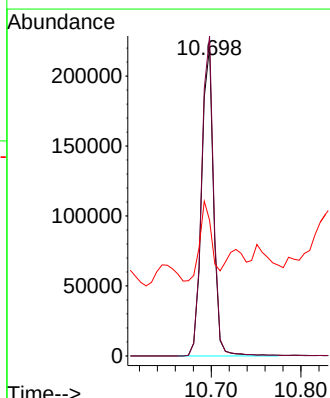
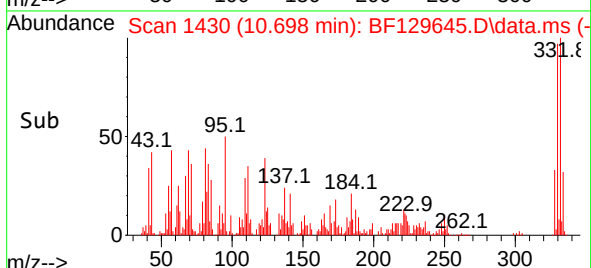
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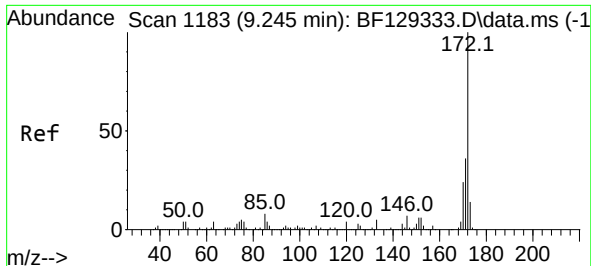


#42
2,4,6-Tribromophenol
Concen: 119.868 ng
RT: 10.698 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48



Tgt Ion:330 Resp: 204333
Ion Ratio Lower Upper
330 100
332 104.0 76.8 115.2
141 25.5 28.0 42.0#





#45
2-Fluorobiphenyl
Concen: 82.816 ng
RT: 9.198 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

Instrument :

BNA_F

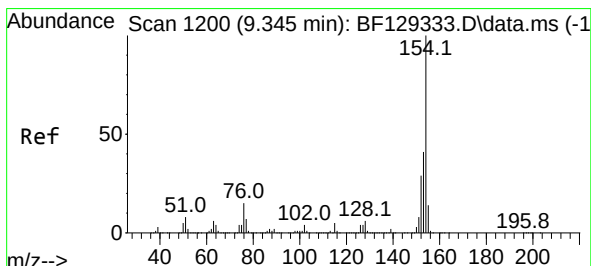
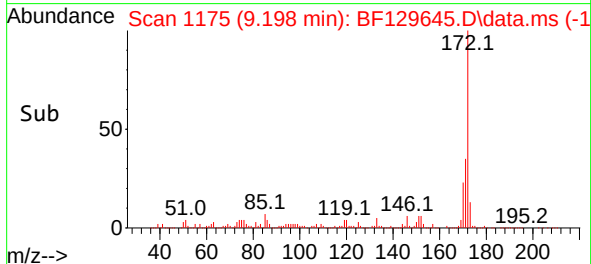
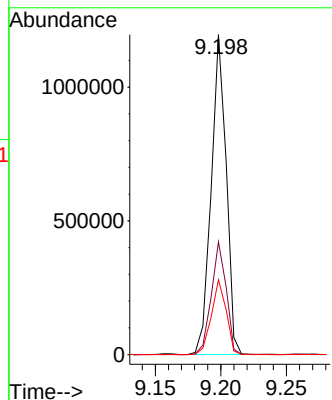
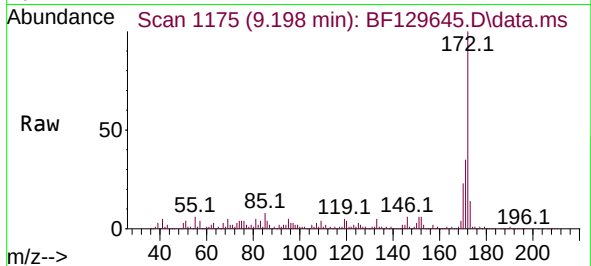
ClientSampleId :

CHRT-24133

Tgt Ion:172 Resp: 949205
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.4 19.8 29.8

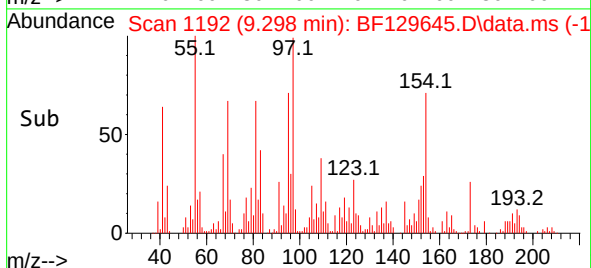
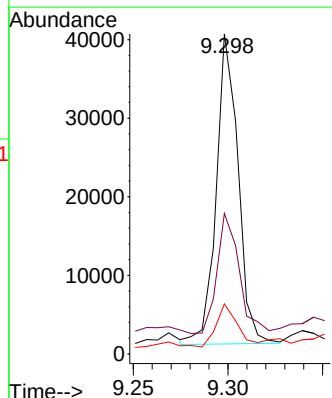
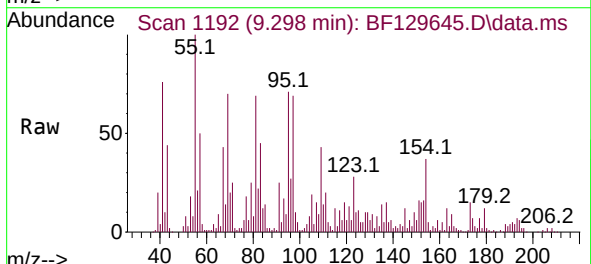
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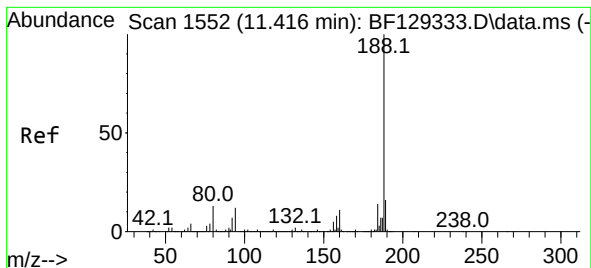
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#46
1,1'-Biphenyl
Concen: 2.452 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.018 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

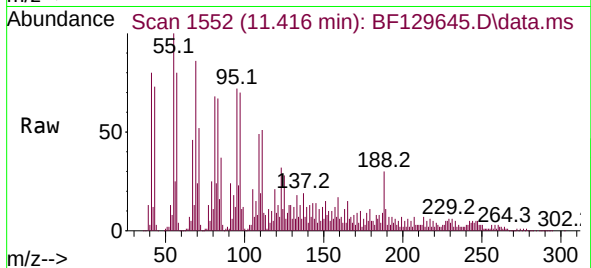
Tgt Ion:154 Resp: 31722
Ion Ratio Lower Upper
154 100
153 43.9 20.6 60.6
76 15.6 0.0 33.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.035 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

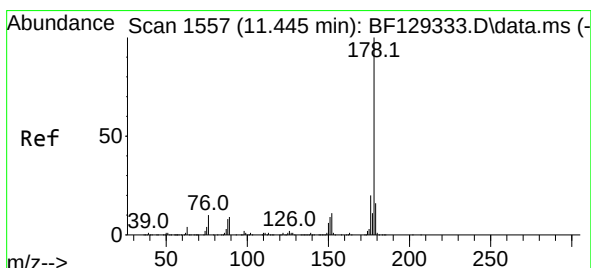
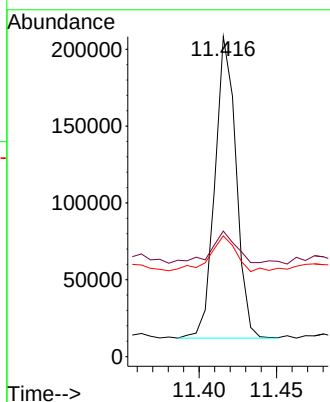
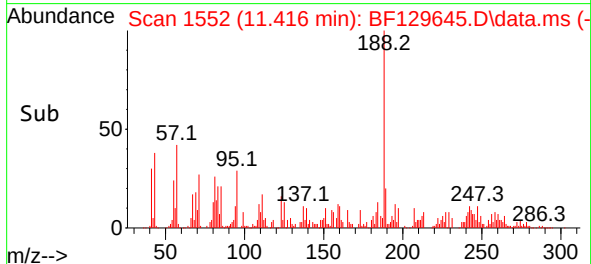
Instrument :
BNA_F
ClientSampleId :
CHRT-24133



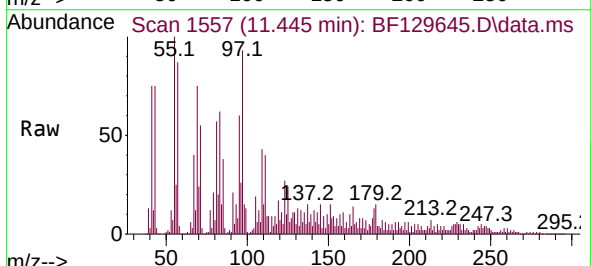
Tgt Ion:188 Resp: 187089
Ion Ratio Lower Upper
188 100
94 39.2 7.0 10.6
80 37.7 7.6 11.4

Manual Integrations
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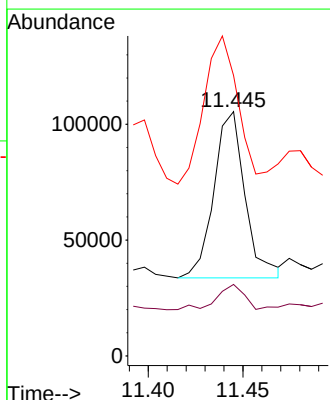
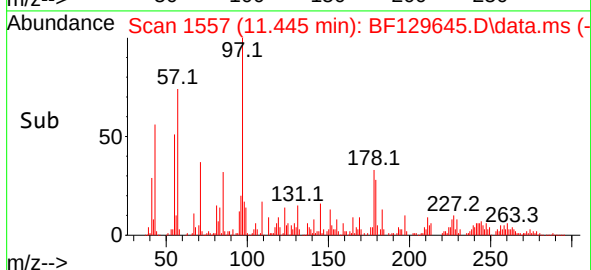
Reviewed By :Christian Giraldo 08/09/2022
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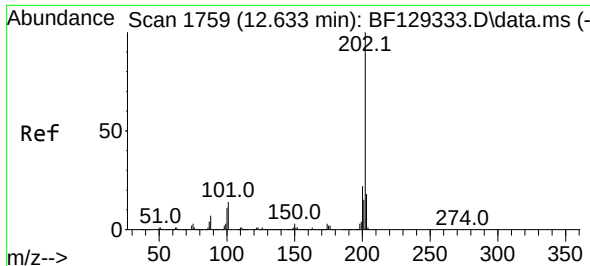


#71
Phenanthrene
Concen: 8.035 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.035 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48



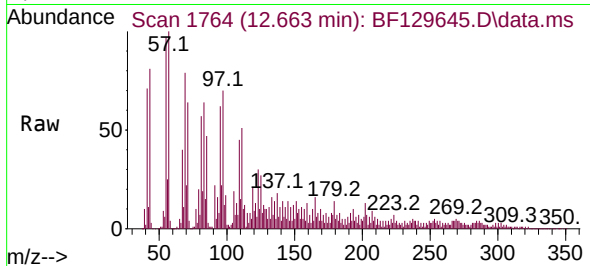
Tgt Ion:178 Resp: 82062
Ion Ratio Lower Upper
178 100
176 29.3 16.0 24.0#
179 114.8 12.6 19.0#





#75
Fluoranthene
Concen: 7.155 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

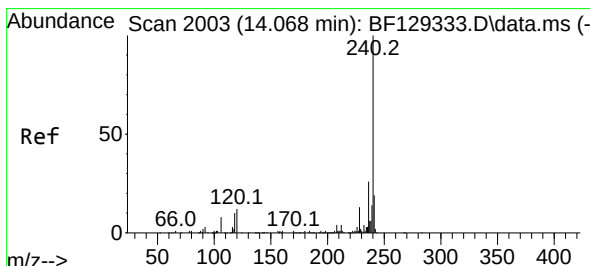
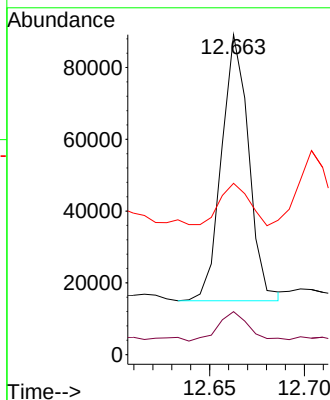
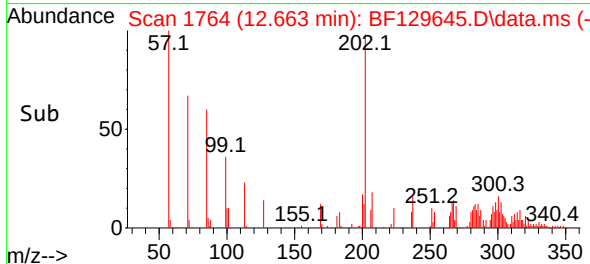
Instrument :
BNA_F
ClientSampleId :
CHRT-24133



Tgt Ion:202 Resp: 74034
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.4
203 53.5 0.0 38.0

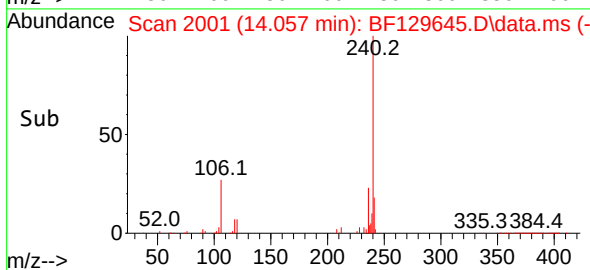
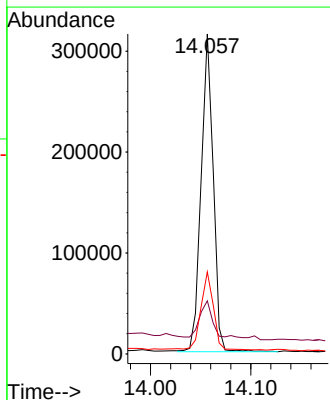
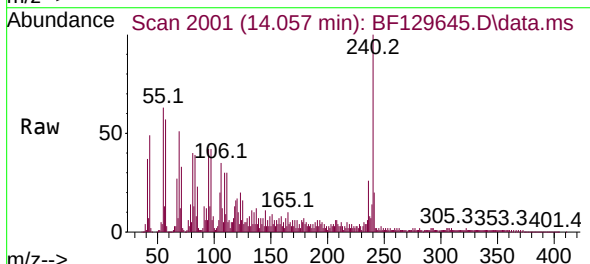
Manual Integrations
APPROVED

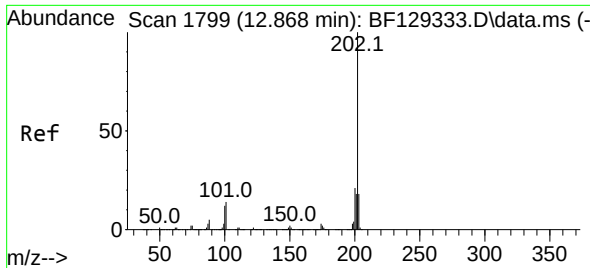
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.029 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

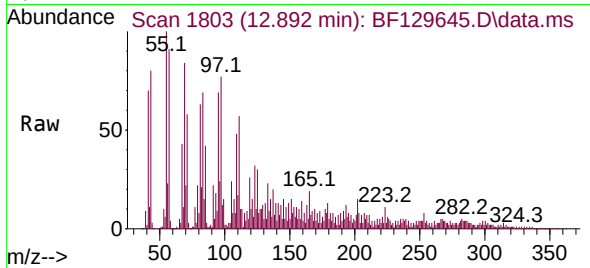
Tgt Ion:240 Resp: 263538
Ion Ratio Lower Upper
240 100
120 16.6 8.9 13.3#
236 25.6 20.8 31.2





#78
Pyrene
Concen: 3.269 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.065 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

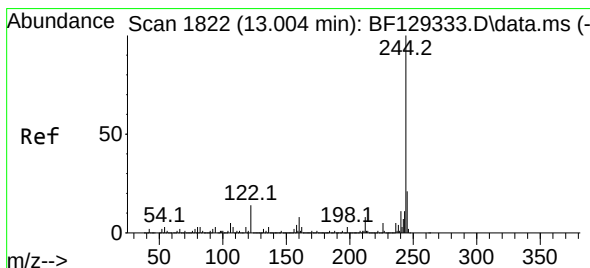
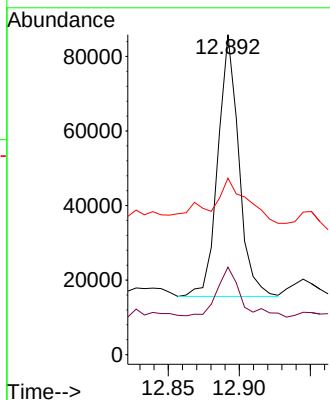
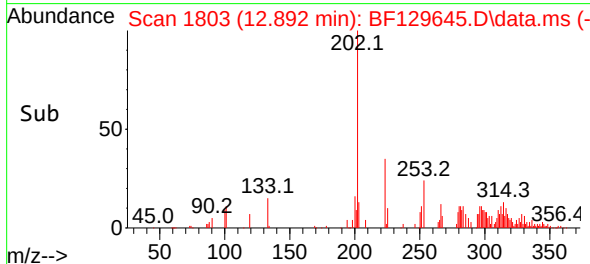
Instrument :
BNA_F
ClientSampleId :
CHRT-24133



Tgt Ion:202 Resp: 72041
Ion Ratio Lower Upper
202 100
200 27.3 17.7 26.5
203 55.1 14.6 21.8

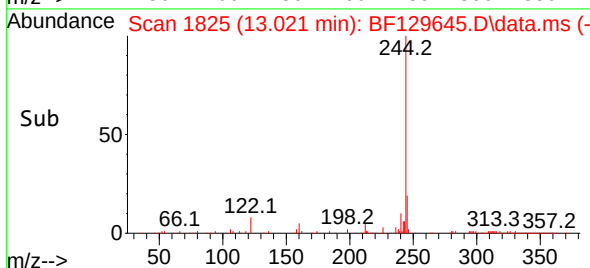
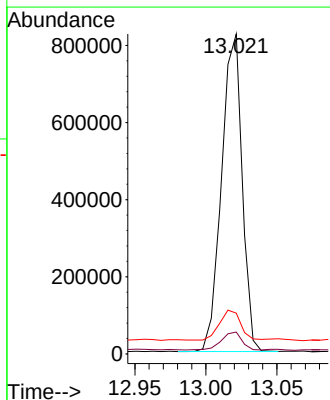
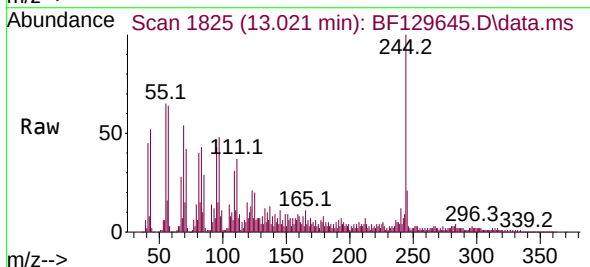
Manual Integrations
APPROVED

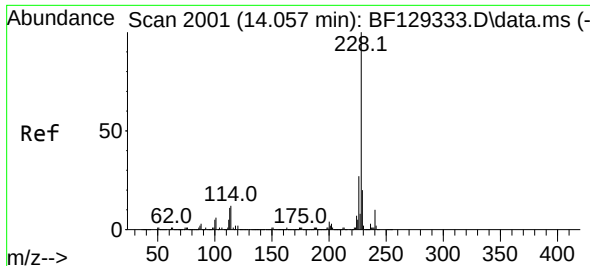
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#79
Terphenyl-d14
Concen: 59.683 ng
RT: 13.021 min Scan# 1825
Delta R.T. 0.053 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

Tgt Ion:244 Resp: 833711
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 12.7 8.8 13.2





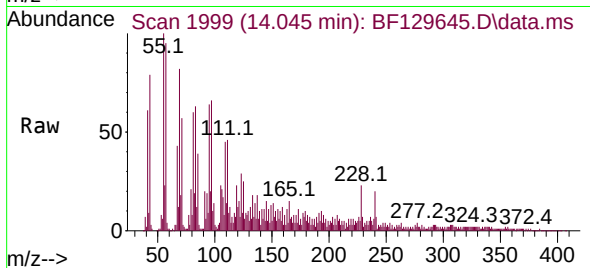
#81
Benzo(a)anthracene
Concen: 2.291 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.029 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

Instrument :

BNF_F

ClientSampleId :

CHRT-24133

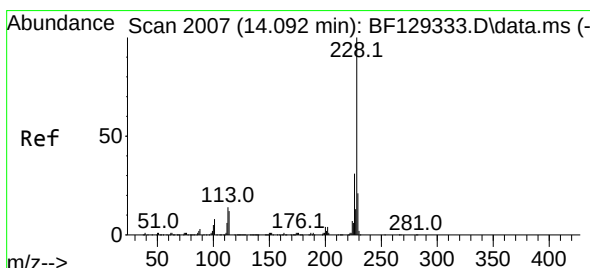
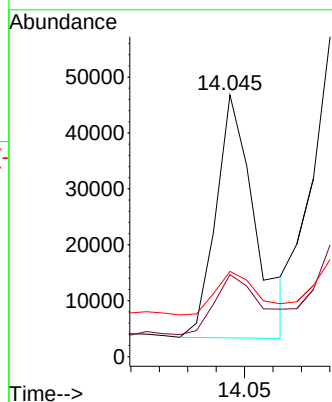
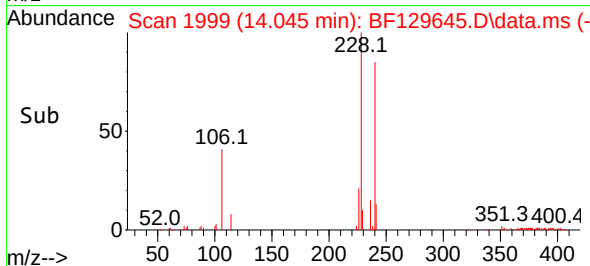


Tgt Ion:228 Resp: 41252
Ion Ratio Lower Upper
228 100
226 31.4 22.1 33.1
229 32.6 15.8 23.8

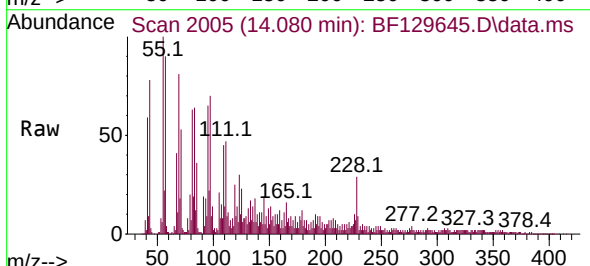
Manual Integrations

APPROVED

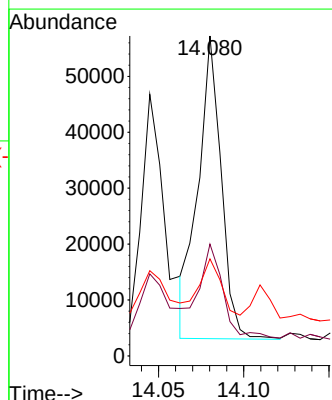
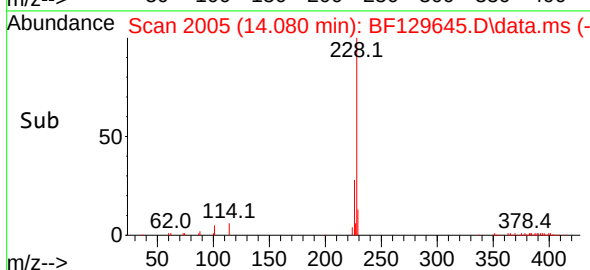
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

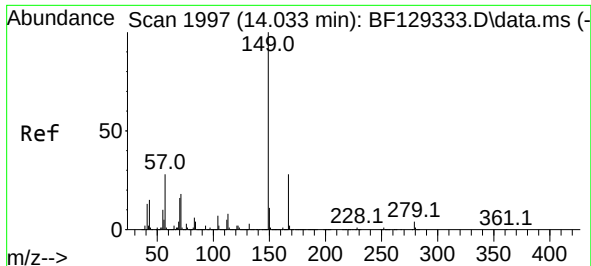


#83
Chrysene
Concen: 3.004 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.023 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48



Tgt Ion:228 Resp: 50975
Ion Ratio Lower Upper
228 100
226 34.9 24.3 36.5
229 30.3 15.9 23.9





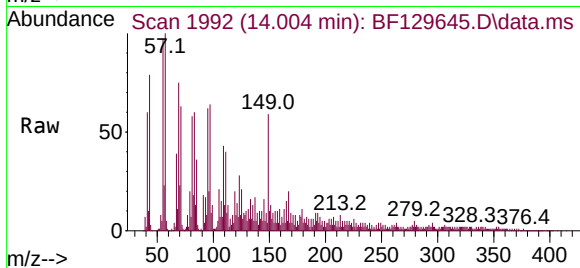
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.584 ng
RT: 14.004 min Scan# 1997
Delta R.T. 0.018 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

Instrument :

BNA_F

ClientSampleId :

CHRT-24133

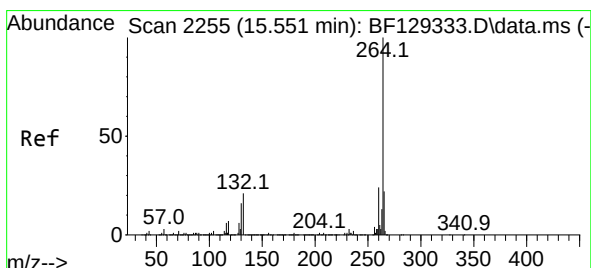
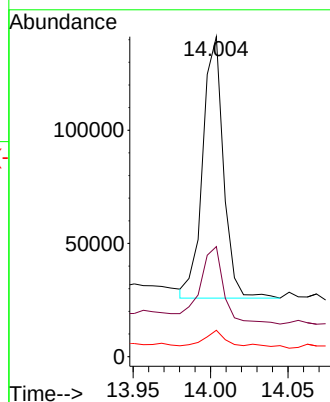
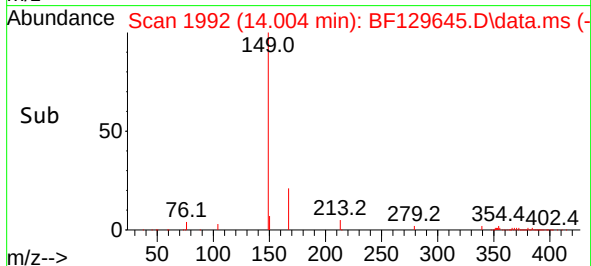


Tgt Ion:149 Resp: 108024
Ion Ratio Lower Upper
149 100
167 34.4 21.0 31.4
279 8.2 3.1 4.7

Manual Integrations

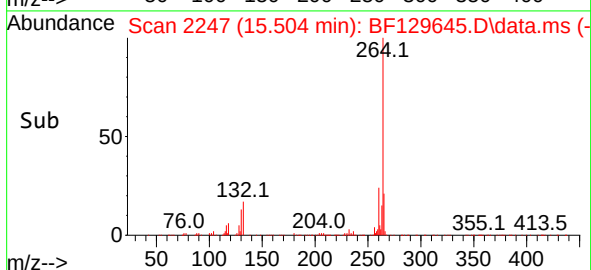
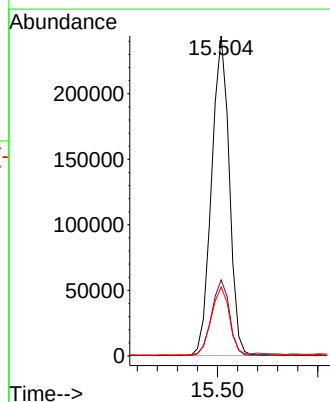
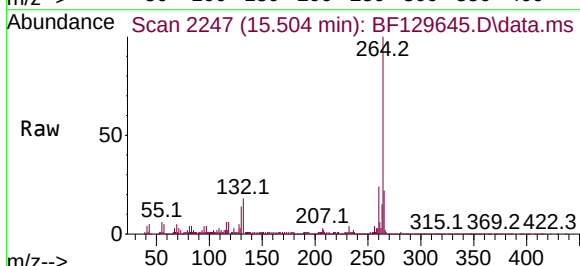
APPROVED

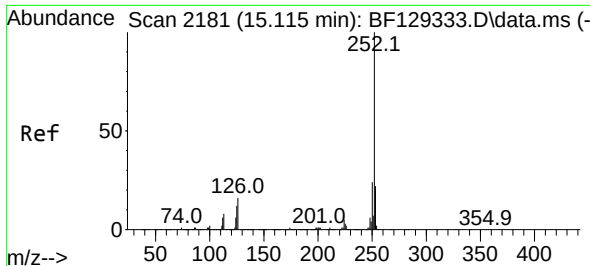
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

Tgt Ion:264 Resp: 298447
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 4.471 ng m
RT: 15.074 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

Instrument :

BNA_F

ClientSampleId :

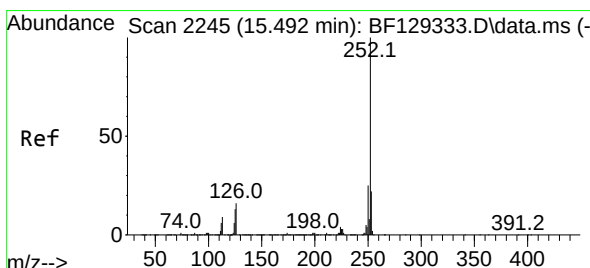
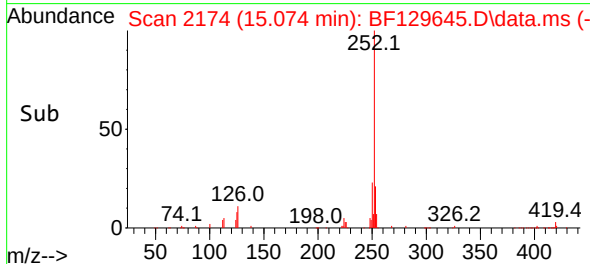
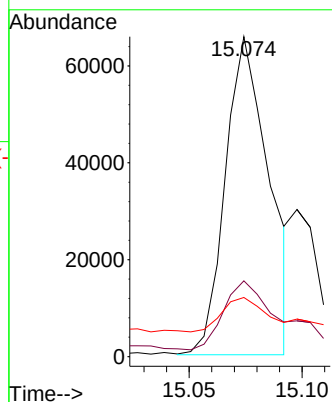
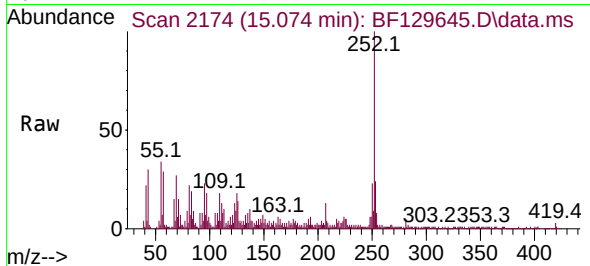
CHRT-24133

Tgt Ion:252 Resp: 88505
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 18.5 8.0 12.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#90
Benzo(a)pyrene
Concen: 2.700 ng
RT: 15.439 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF129645.D
Acq: 08 Aug 2022 22:48

Tgt Ion:252 Resp: 43394
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 18.0 8.8 13.2

