

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129162.D
 Acq On : 07 Jul 2022 16:51
 Operator : CG\JU
 Sample : N3584-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-2716S

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

Quant Time: Jul 07 17:51:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	203207	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	663037	20.000	ng	-0.01
39) Acenaphthene-d10	10.004	164	255690	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	230435	20.000	ng	# 0.04
76) Chrysene-d12	14.180	240	470841	20.000	ng	# 0.03
86) Perylene-d12	15.680	264	593883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1565120	130.214	ng	-0.02
7) Phenol-d6	6.575	99	1867032	125.070	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1035680	93.169	ng	-0.02
42) 2,4,6-Tribromophenol	10.810	330	392389	141.135	ng	0.01
45) 2-Fluorobiphenyl	9.310	172	1591516	99.577	ng	-0.01
79) Terphenyl-d14	13.133	244	1351179	59.593	ng	0.05
Target Compounds						Qvalue
75) Fluoranthene	12.775	202	94113	8.173	ng	# 34
78) Pyrene	13.010	202	100721m	3.086	ng	
81) Benzo(a)anthracene	14.169	228	67810	2.359	ng	# 62
83) Chrysene	14.204	228	79877m	2.993	ng	
88) Benzo(b)fluoranthene	15.227	252	132710m	3.716	ng	
90) Benzo(a)pyrene	15.610	252	78860	2.708	ng	# 76
92) Benzo(g,h,i)perylene	17.686	276	65409	2.196	ng	91

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

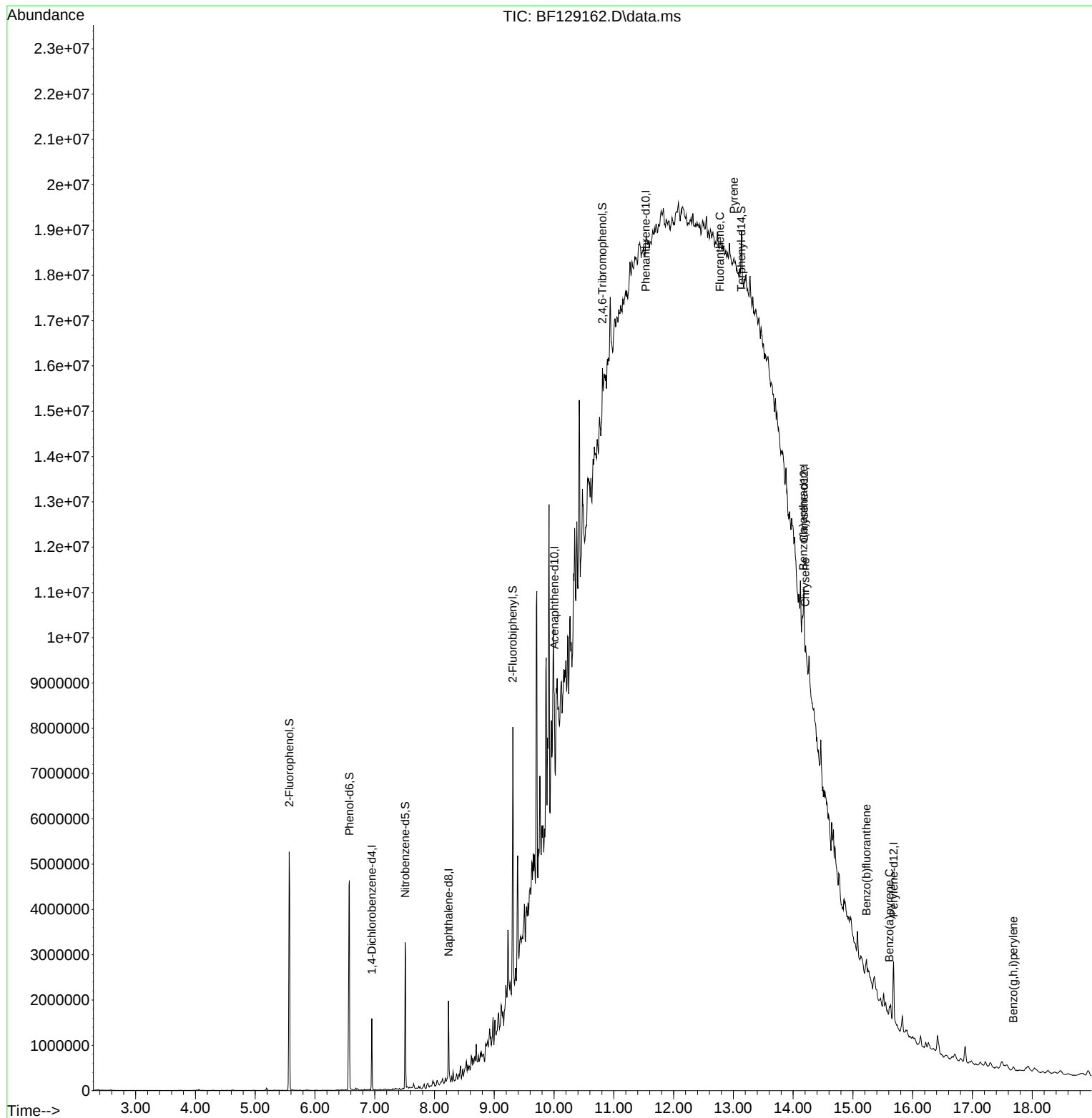
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
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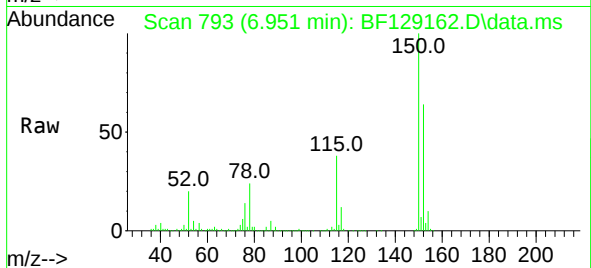
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51

Instrument :

BNA_F

ClientSampleId :

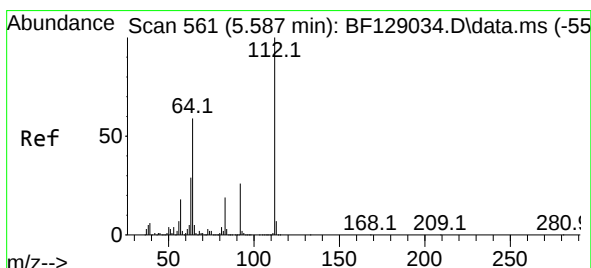
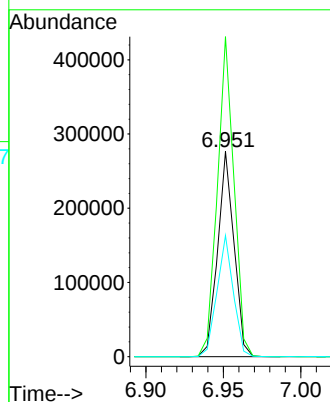
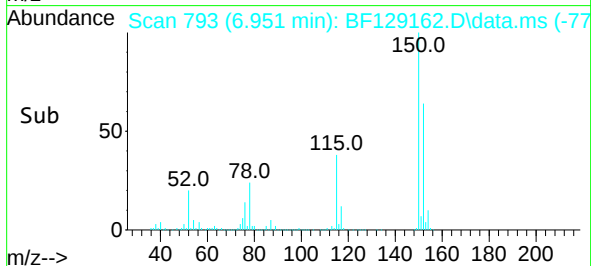
CHRT-2716S



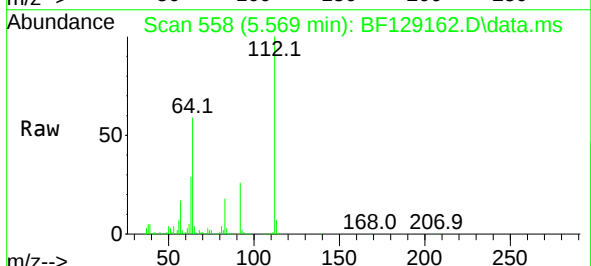
Tgt Ion:152 Resp: 20320
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 59.0 49.9 74.9

Manual Integrations
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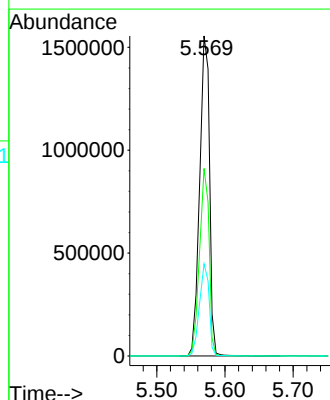
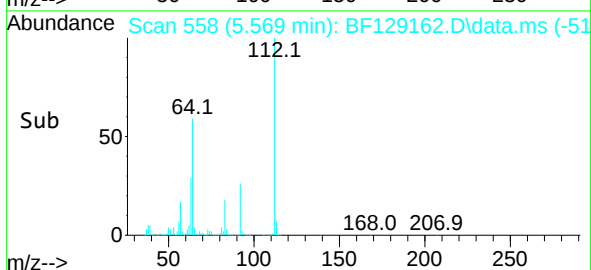
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#5
2-Fluorophenol
Concen: 130.214 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.018 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51



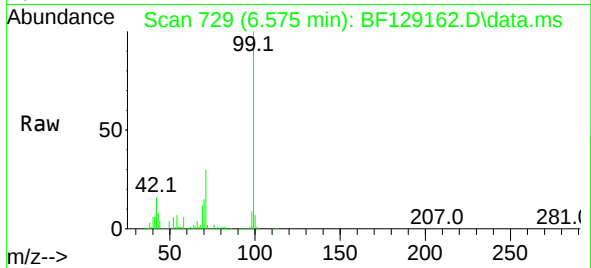
Tgt Ion:112 Resp: 1565120
Ion Ratio Lower Upper
112 100
64 58.6 53.3 79.9
63 28.8 28.0 42.0





#7
Phenol-d6
Concen: 125.070 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51

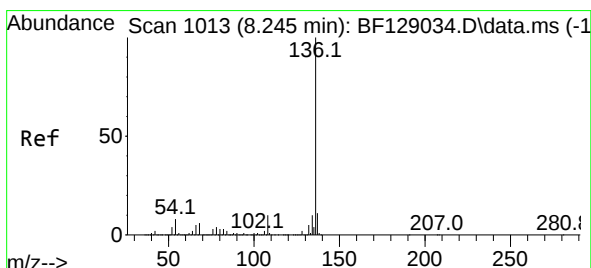
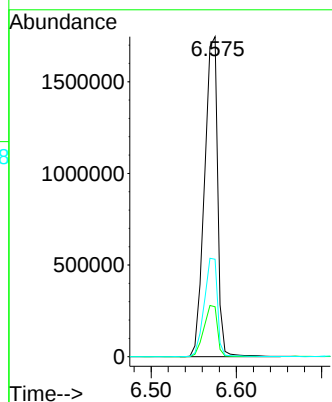
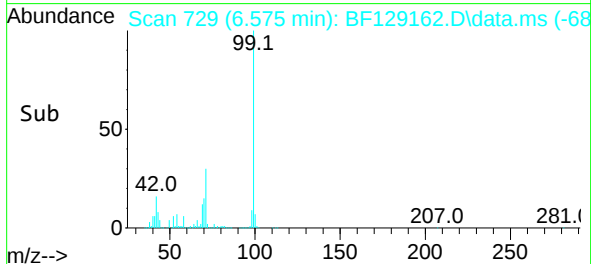
Instrument :
BNA_F
ClientSampleId :
CHRT-2716S



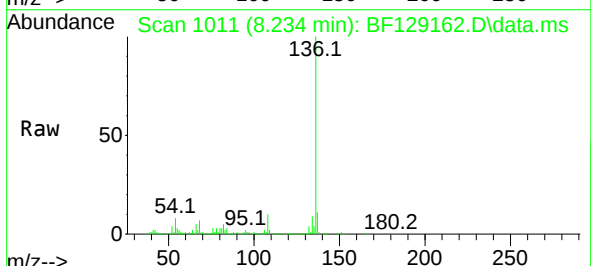
Tgt Ion: 99 Resp: 1867032
Ion Ratio Lower Upper
99 100
42 15.6 17.3 25.9
71 30.5 28.9 43.3

Manual Integrations
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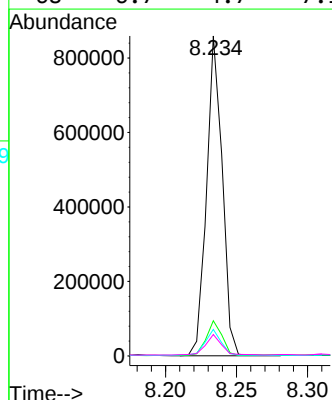
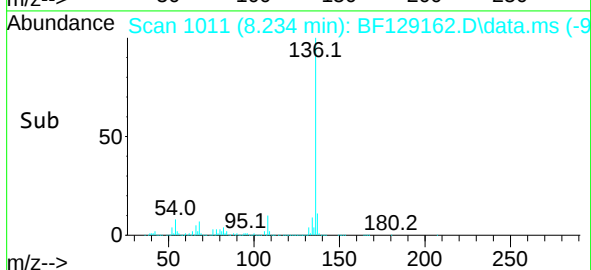
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51



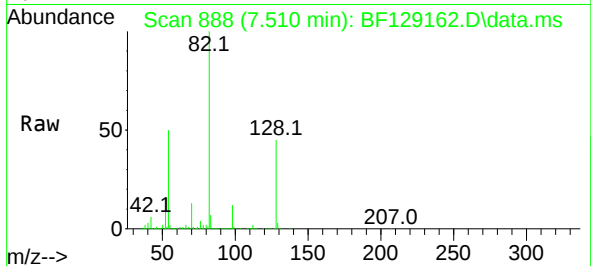
Tgt Ion:136 Resp: 663037
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 7.5 11.3
68 6.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 93.169 ng
RT: 7.510 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51

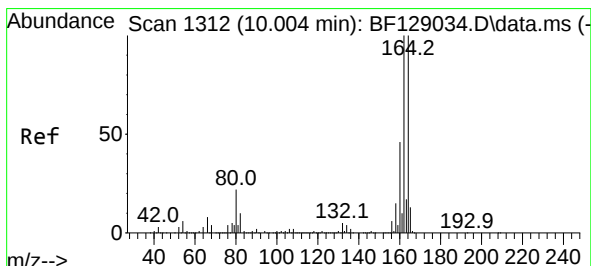
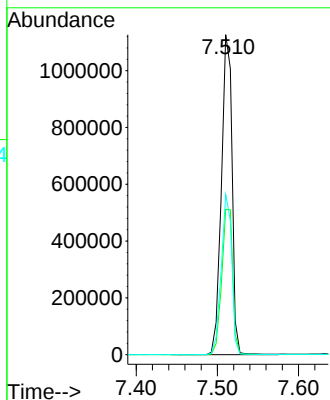
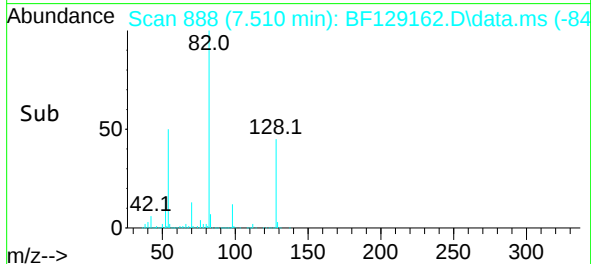
Instrument :
BNA_F
ClientSampleId :
CHRT-2716S



Tgt Ion: 82 Resp: 1035680
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 50.1 46.9 70.3

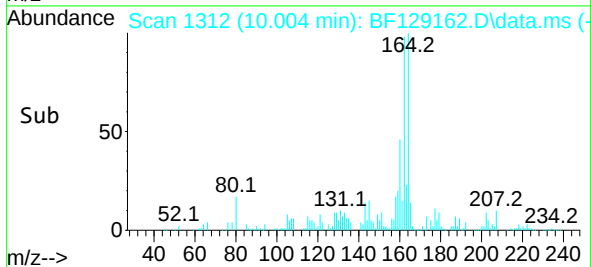
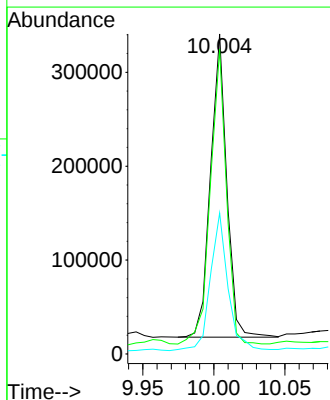
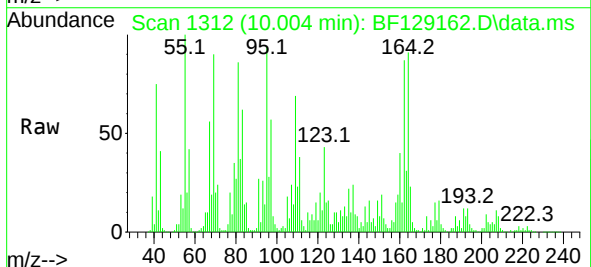
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51

Tgt Ion:164 Resp: 255690
Ion Ratio Lower Upper
164 100
162 95.2 79.5 119.3
160 44.0 34.2 51.4





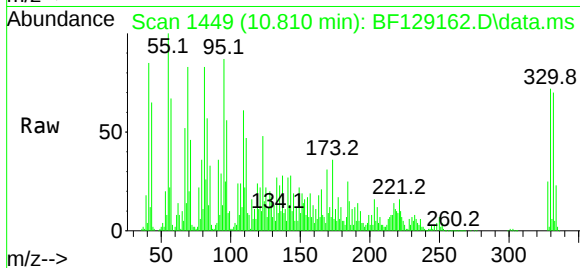
#42
2,4,6-Tribromophenol
Concen: 141.135 ng
RT: 10.810 min Scan# 1449
Delta R.T. 0.012 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51

Instrument :

BNA_F

ClientSampleId :

CHRT-2716S

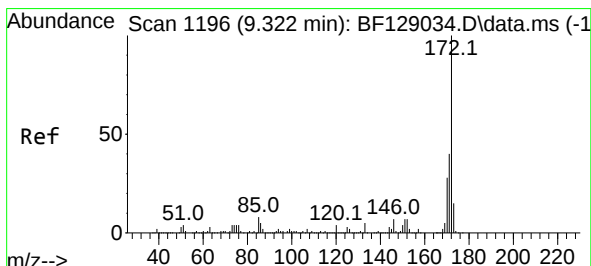
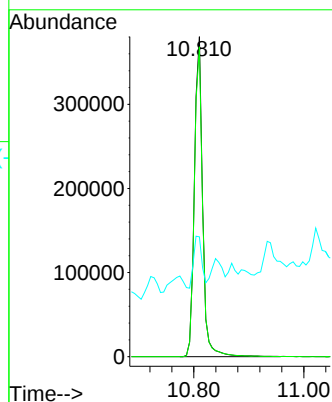
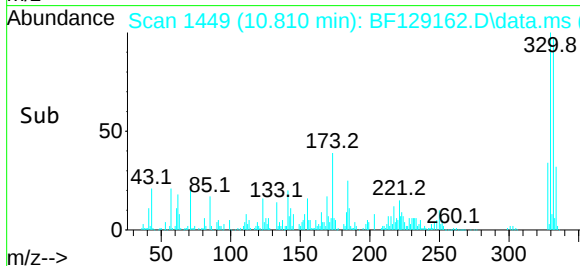


Tgt Ion:330 Resp: 392389
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 16.2 28.0 42.0

Manual Integrations

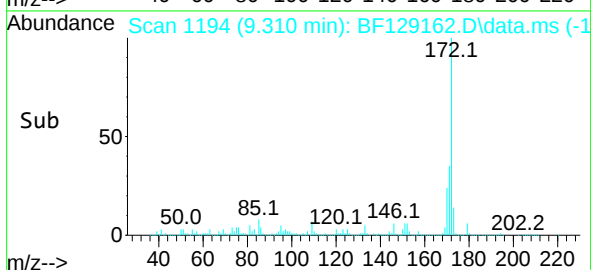
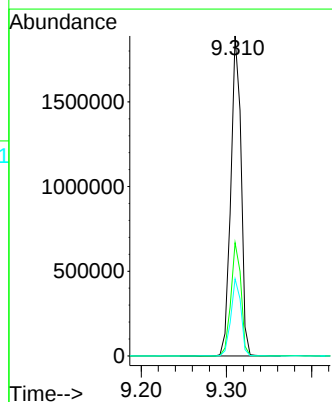
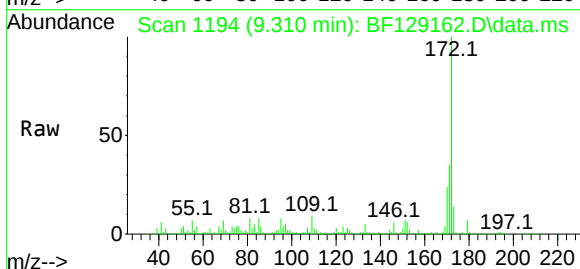
APPROVED

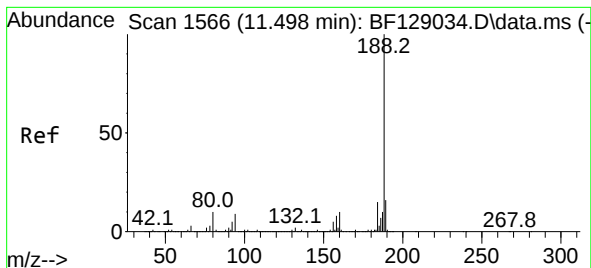
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#45
2-Fluorobiphenyl
Concen: 99.577 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51

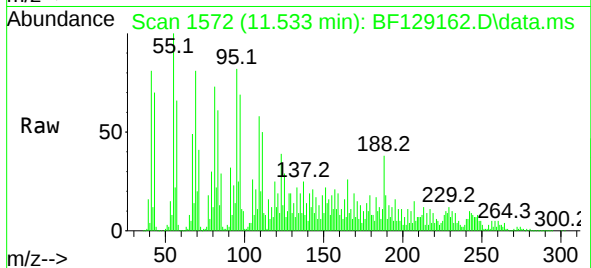
Tgt Ion:172 Resp: 1591516
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 11533
Delta R.T. 0.035 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51

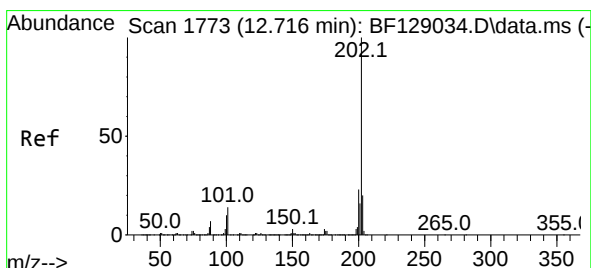
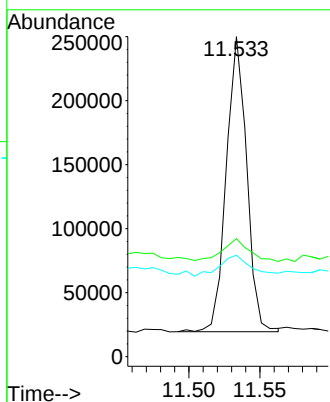
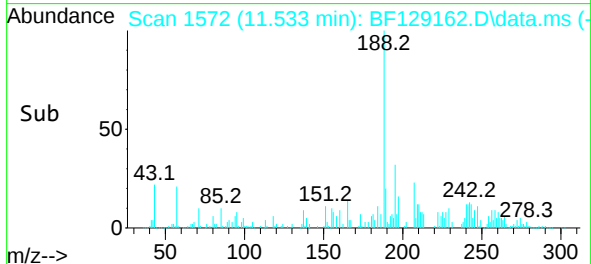
Instrument :
BNA_F
ClientSampleId :
CHRT-2716S



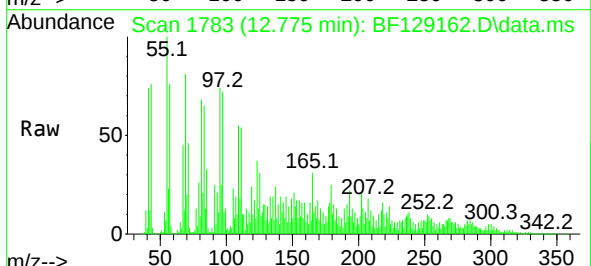
Tgt Ion:188 Resp: 230435
Ion Ratio Lower Upper
188 100
94 36.9 7.0 10.6
80 31.7 7.6 11.4

Manual Integrations
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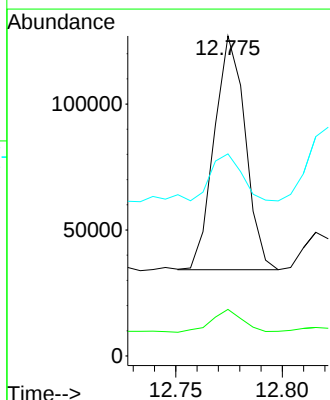
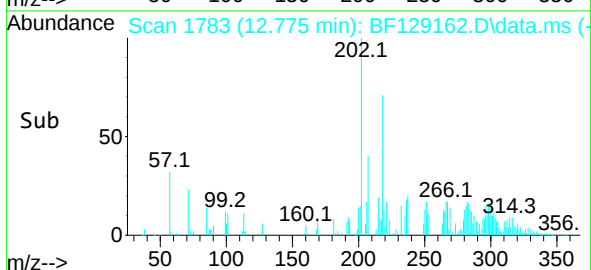
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

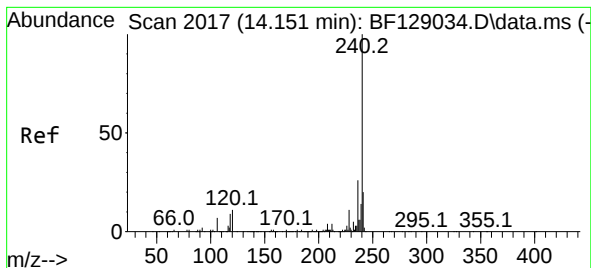


#75
Fluoranthene
Concen: 8.173 ng
RT: 12.775 min Scan# 1783
Delta R.T. 0.059 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51



Tgt Ion:202 Resp: 94113
Ion Ratio Lower Upper
202 100
101 14.6 0.0 31.4
203 63.2 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan# 2017

Delta R.T. 0.029 min

Lab File: BF129162.D

Acq: 07 Jul 2022 16:51

Instrument :

BNA_F

ClientSampleId :

CHRT-2716S

Tgt Ion:240 Resp: 47084

Ion Ratio Lower Upper

240 100

120 14.2 8.9 13.3

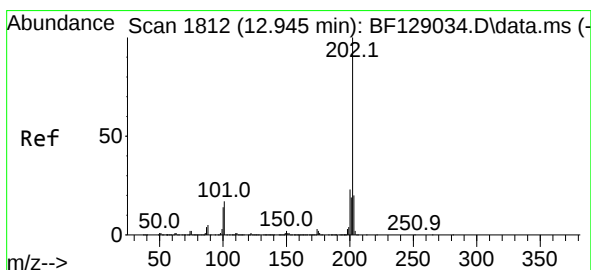
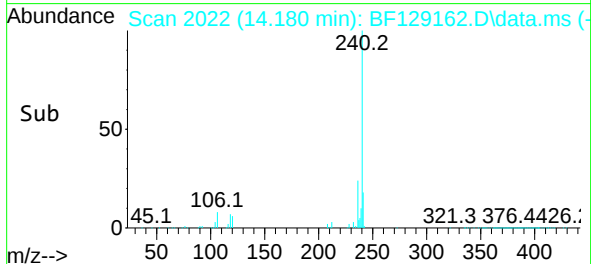
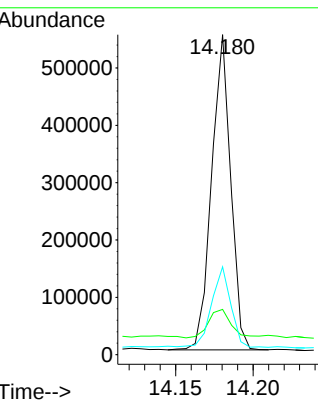
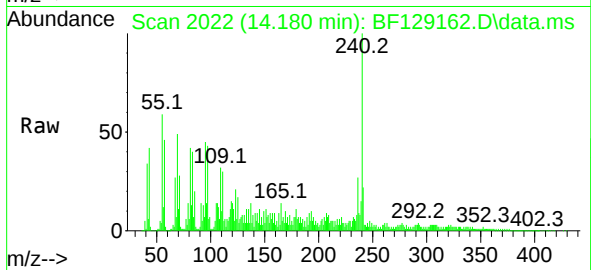
236 27.5 20.8 31.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/08/2022



#78

Pyrene

Concen: 3.086 ng m

RT: 13.010 min Scan# 1823

Delta R.T. 0.065 min

Lab File: BF129162.D

Acq: 07 Jul 2022 16:51

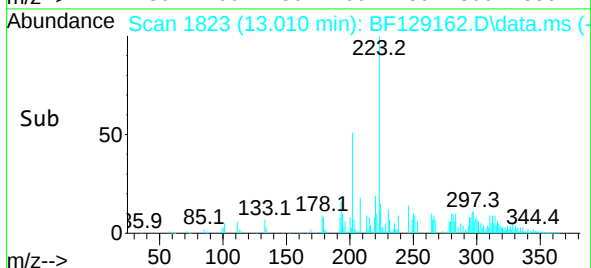
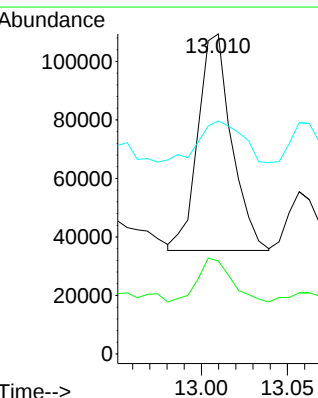
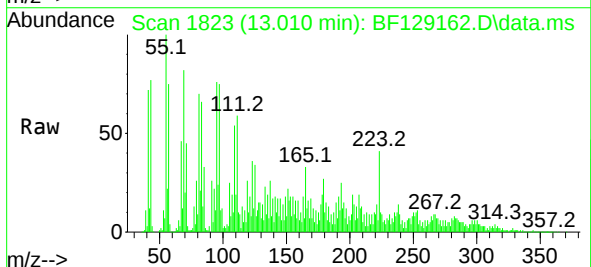
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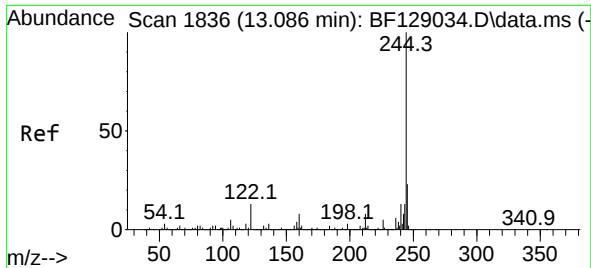
Ion Ratio Lower Upper

202 100

200 29.0 17.7 26.5#

203 72.8 14.6 21.8#





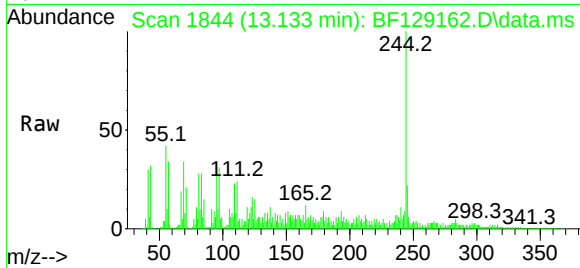
#79
 Terphenyl-d14
 Concen: 59.593 ng
 RT: 13.133 min Scan# 1836
 Delta R.T. 0.047 min
 Lab File: BF129162.D
 Acq: 07 Jul 2022 16:51

Instrument :

BNA_F

ClientSampleId :

CHRT-2716S

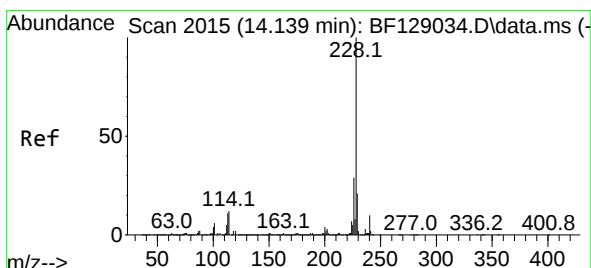
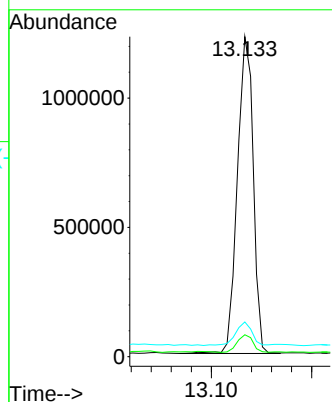
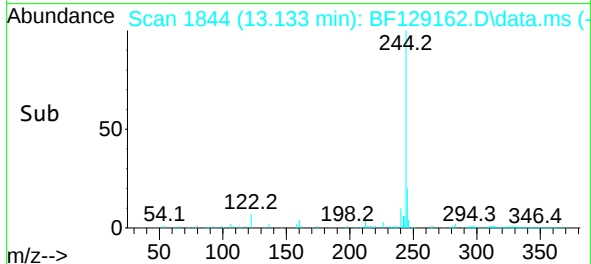


Tgt Ion:244 Resp: 1351179
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.8 8.8 13.2

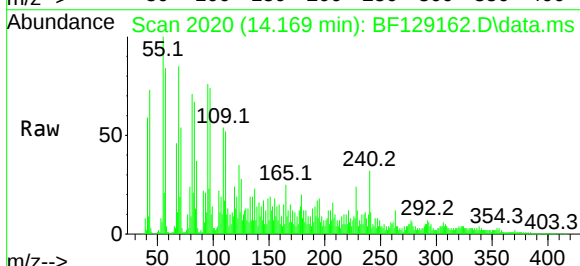
Manual Integrations

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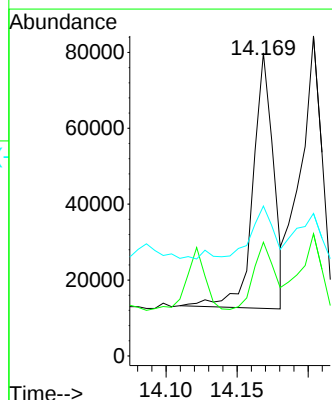
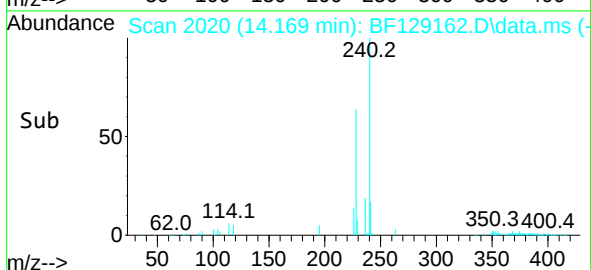
Reviewed By :Christian Giraldo 07/08/2022
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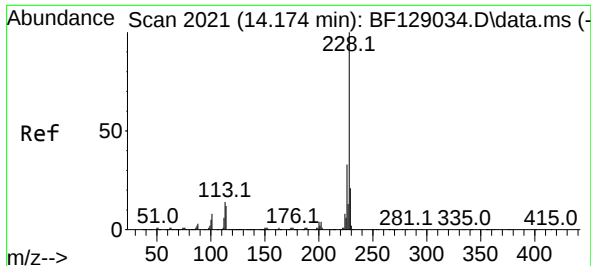


#81
 Benzo(a)anthracene
 Concen: 2.359 ng
 RT: 14.169 min Scan# 2020
 Delta R.T. 0.029 min
 Lab File: BF129162.D
 Acq: 07 Jul 2022 16:51



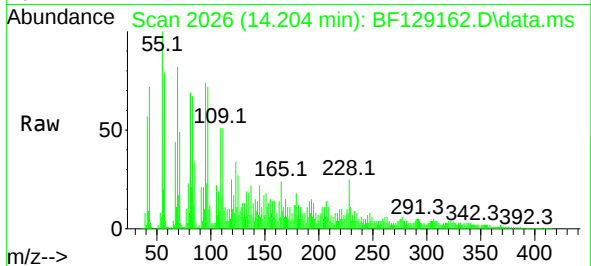
Tgt Ion:228 Resp: 67810
 Ion Ratio Lower Upper
 228 100
 226 37.5 22.1 33.1#
 229 49.5 15.8 23.8#





#83
Chrysene
Concen: 2.993 ng m
RT: 14.204 min Scan# 2021
Delta R.T. 0.029 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51

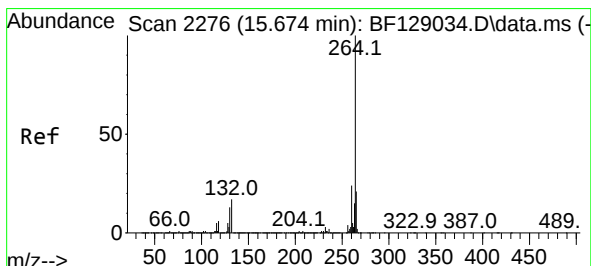
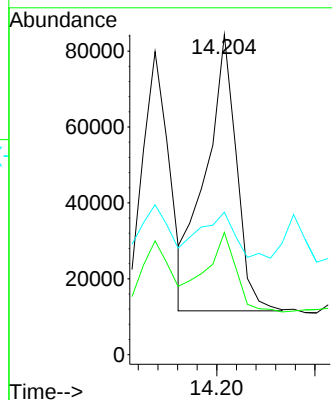
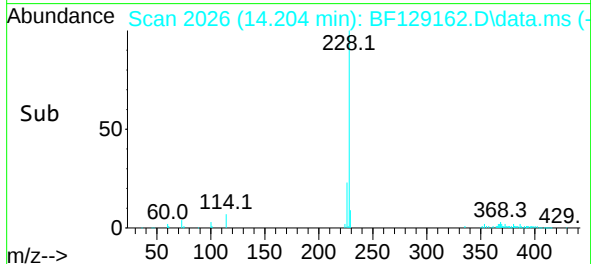
Instrument :
BNA_F
ClientSampleId :
CHRT-2716S



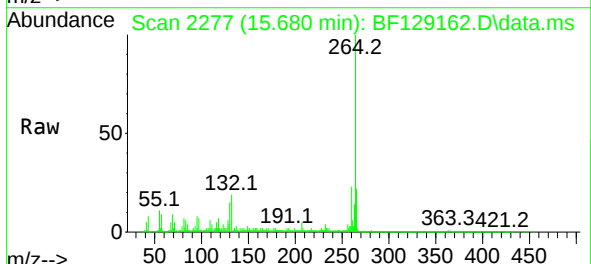
Tgt Ion:228 Resp: 7987
Ion Ratio Lower Upper
228 100
226 38.2 24.3 36.5
229 44.6 15.9 23.9

Manual Integrations
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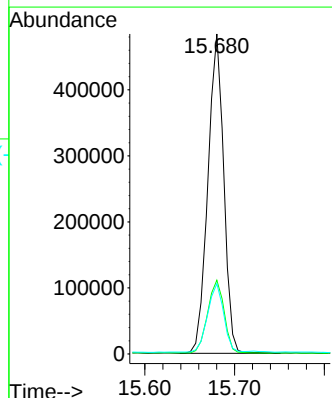
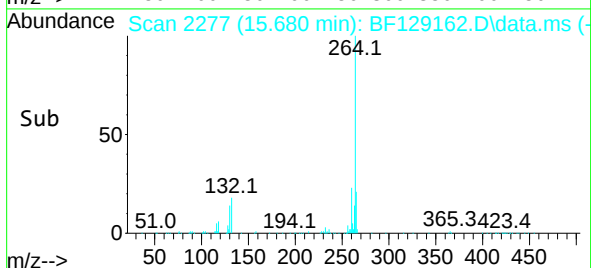
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

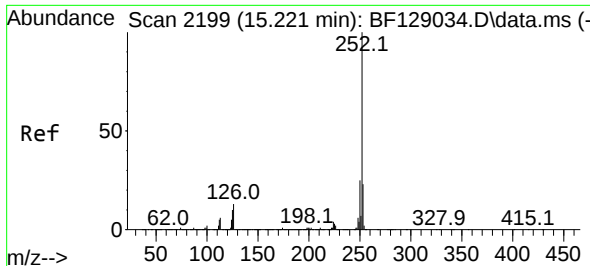


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2277
Delta R.T. 0.006 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51



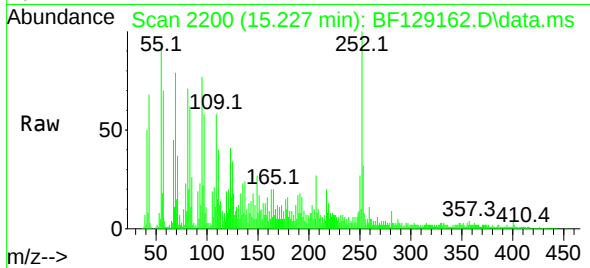
Tgt Ion:264 Resp: 593883
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 22.0 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.716 ng m
RT: 15.227 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51

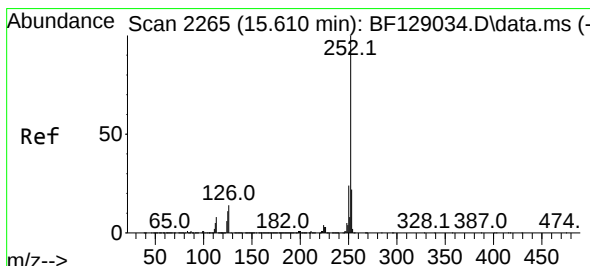
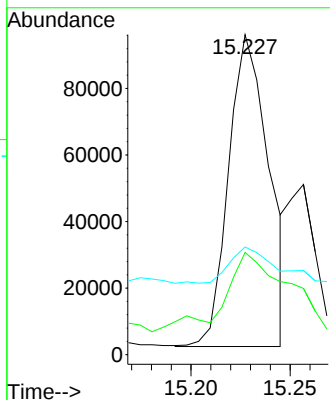
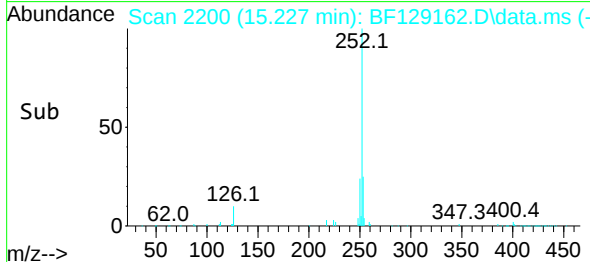
Instrument :
BNA_F
ClientSampleId :
CHRT-2716S



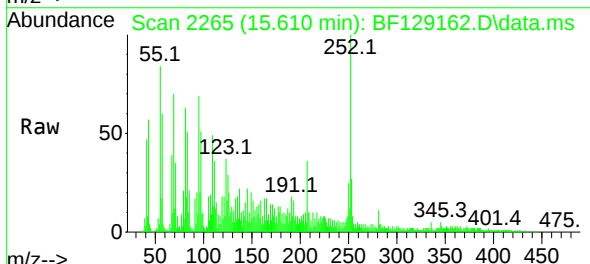
Tgt Ion:252 Resp: 132710
Ion Ratio Lower Upper
252 100
253 31.9 17.7 26.5#
125 33.7 8.0 12.0#

Manual Integrations
APPROVED

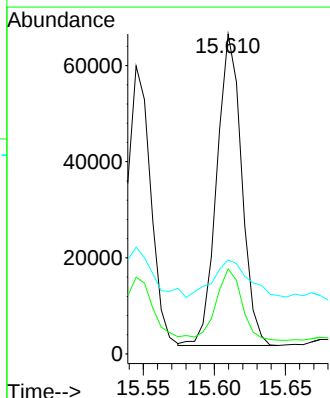
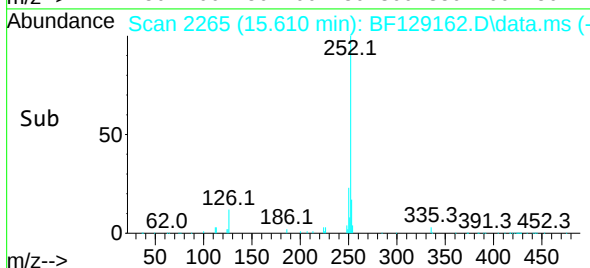
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

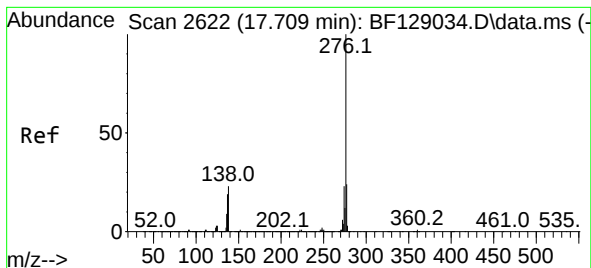


#90
Benzo(a)pyrene
Concen: 2.708 ng
RT: 15.610 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF129162.D
Acq: 07 Jul 2022 16:51



Tgt Ion:252 Resp: 78860
Ion Ratio Lower Upper
252 100
253 26.6 17.0 25.6#
125 29.4 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 2.196 ng

RT: 17.686 min Scan# 2618

Delta R.T. -0.024 min

Lab File: BF129162.D

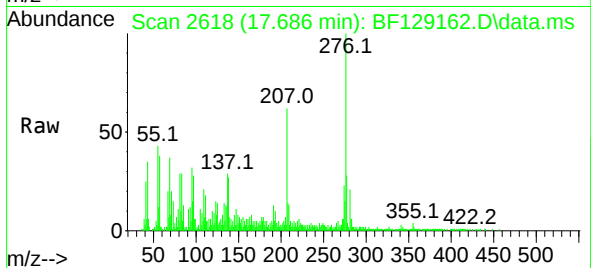
Acq: 07 Jul 2022 16:51

Instrument :

BNA_F

ClientSampleId :

CHRT-2716S



Tgt Ion:276 Resp: 65409

Ion Ratio Lower Upper

276 100

277 28.0 19.1 28.7

138 26.8 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022

