

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
 Data File : BF129179.D
 Acq On : 08 Jul 2022 17:11
 Operator : CG\JU
 Sample : N3584-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26572DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022
 Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 08 23:24:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 23:22:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	283464	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	1038119	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	455200	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	725253	20.000	ng	0.00
76) Chrysene-d12	14.133	240	449327	20.000	ng	0.00
86) Perylene-d12	15.651	264	537537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	237657	14.174	ng	-0.02
7) Phenol-d6	6.557	99	297560	14.289	ng	-0.02
23) Nitrobenzene-d5	7.504	82	177061	10.173	ng	-0.01
42) 2,4,6-Tribromophenol	10.775	330	67057	13.548	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	231726	8.144	ng	-0.01
79) Terphenyl-d14	13.063	244	160708	7.427	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.704	202	1716570	47.367	ng	99
78) Pyrene	12.933	202	1697878	54.514	ng	98
81) Benzo(a)anthracene	14.121	228	588615	21.455	ng	98
83) Chrysene	14.157	228	343005	13.467	ng	97
87) Indeno(1,2,3-cd)pyrene	17.198	276	134154	4.069	ng	95
88) Benzo(b)fluoranthene	15.198	252	577912m	17.877	ng	
89) Benzo(k)fluoranthene	15.227	252	142522m	4.545	ng	
90) Benzo(a)pyrene	15.586	252	275219	10.443	ng	98
92) Benzo(g,h,i)perylene	17.662	276	102156	3.789	ng	97

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

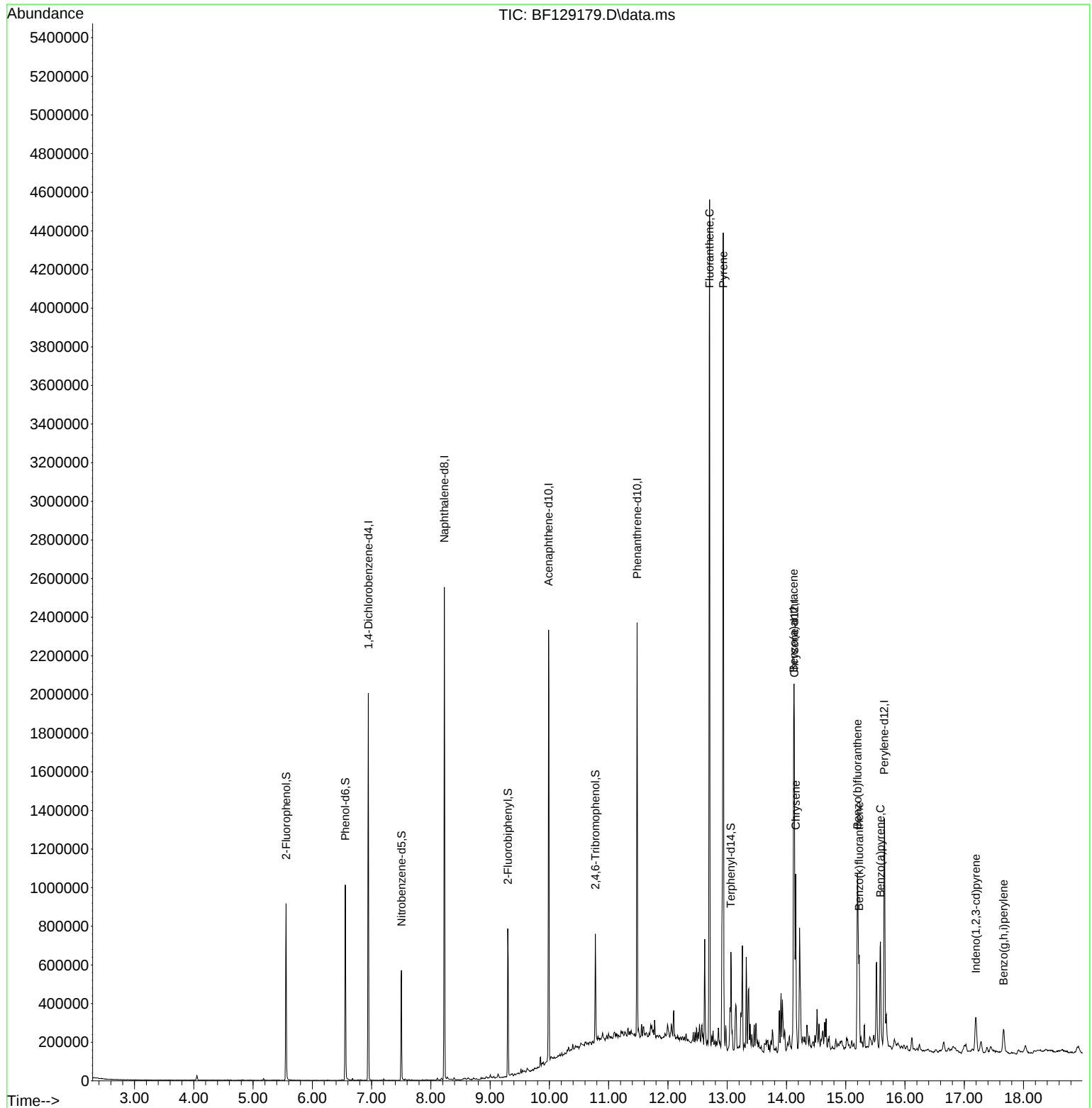
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129179.D
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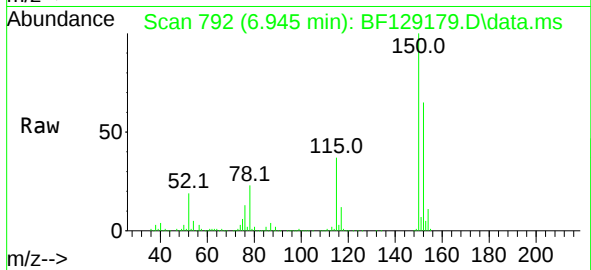
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 23:22:06 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

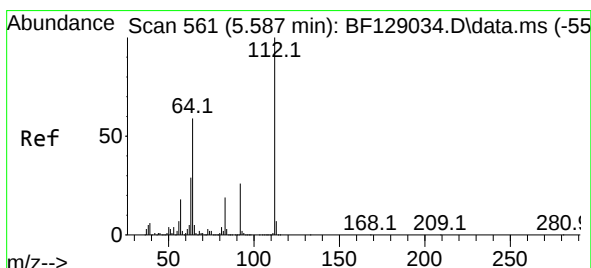
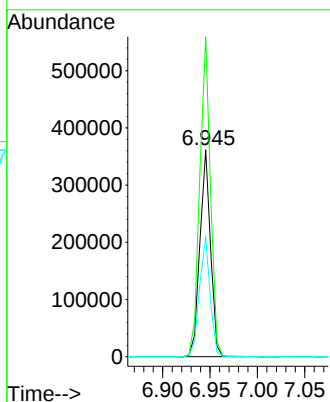
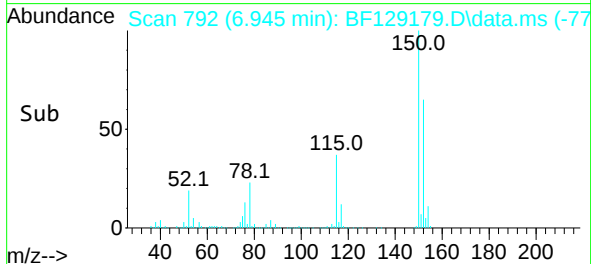
Instrument :
BNA_F
ClientSampleId :
CHRT-26572DL



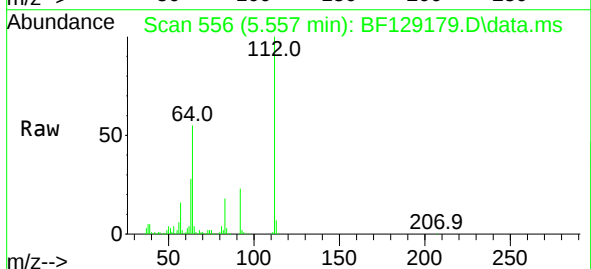
Tgt Ion:152 Resp: 283464
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 57.5 49.9 74.9

Manual Integrations
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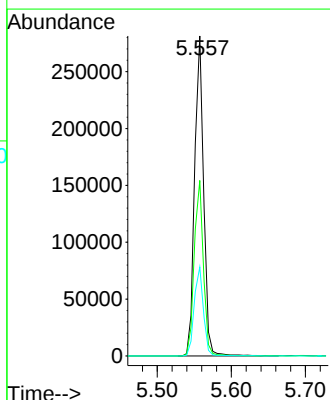
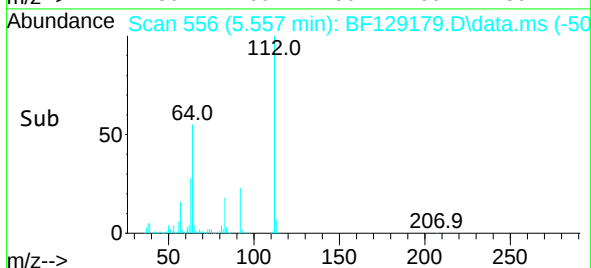
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022

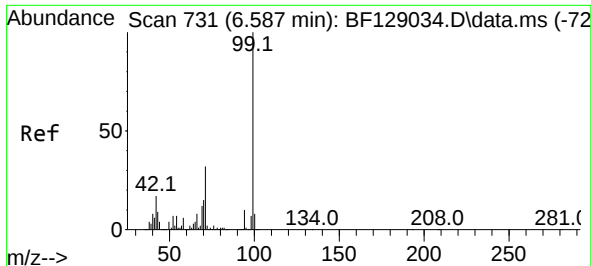


#5
2-Fluorophenol
Concen: 14.174 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.017 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11



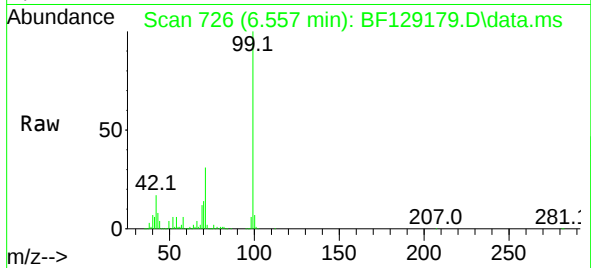
Tgt Ion:112 Resp: 237657
Ion Ratio Lower Upper
112 100
64 54.8 53.3 79.9
63 27.8 28.0 42.0#





#7
Phenol-d6
Concen: 14.289 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

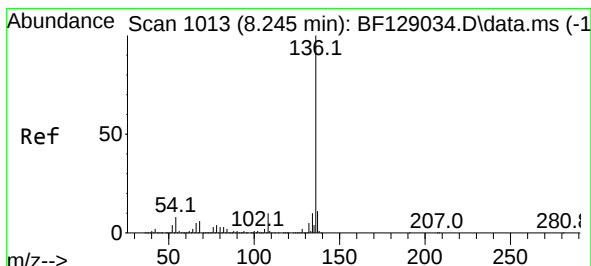
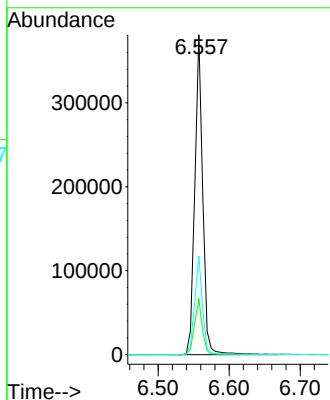
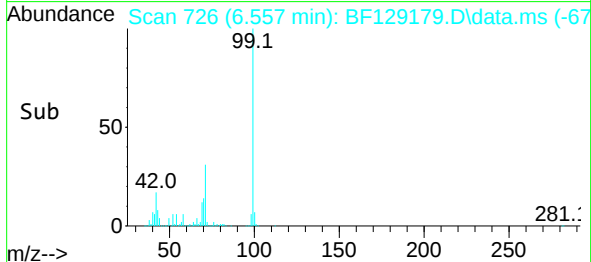
Instrument :
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ClientSampleId :
CHRT-26572DL



Tgt Ion: 99 Resp: 297560
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9
71 30.9 28.9 43.3

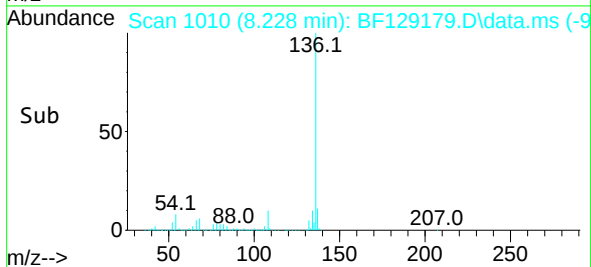
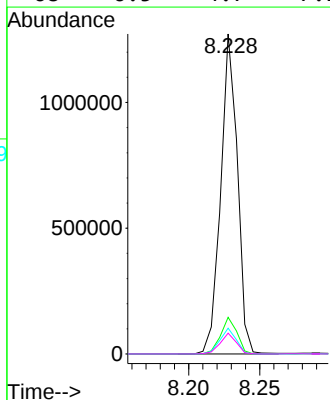
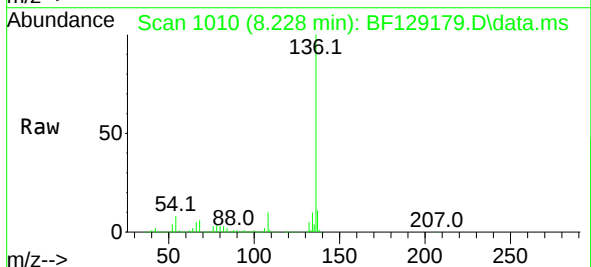
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Supervised By :mohammad ahmed 07/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Tgt Ion:136 Resp: 1038119
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.1 7.5 11.3
68 6.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 10.173 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

Instrument :

BNA_F

ClientSampleId :

CHRT-26572DL

Tgt Ion: 82 Resp: 17706

Ion Ratio Lower Upper

82 100

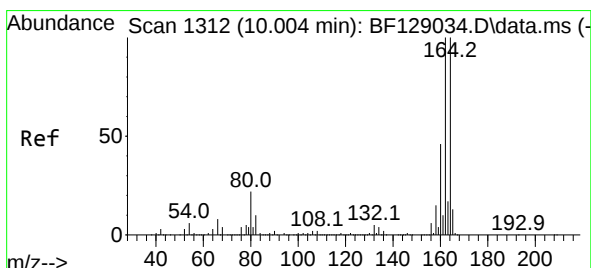
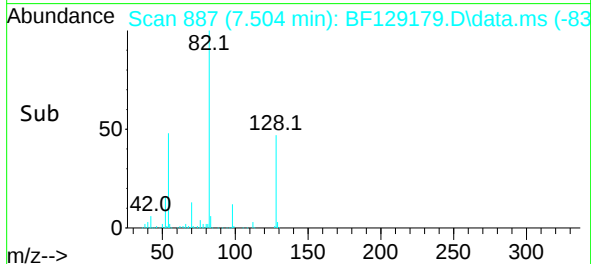
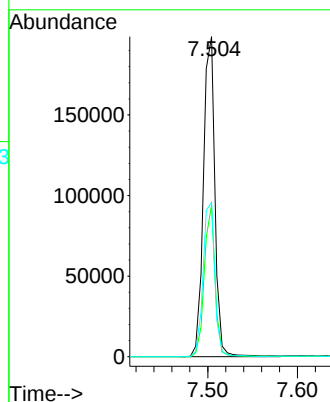
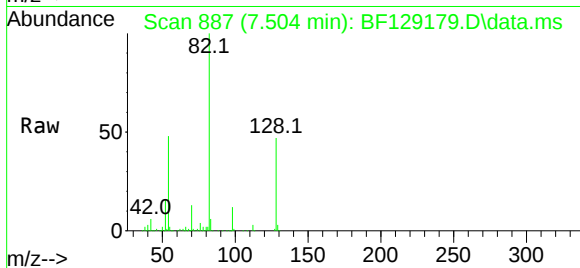
128 47.4 34.0 51.0

54 48.2 46.9 70.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

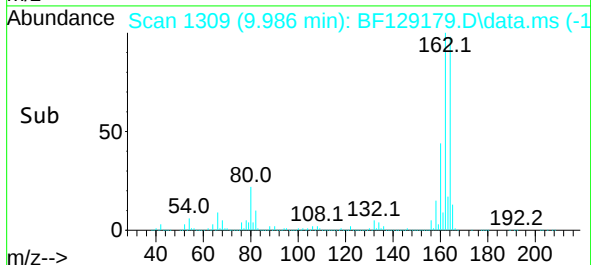
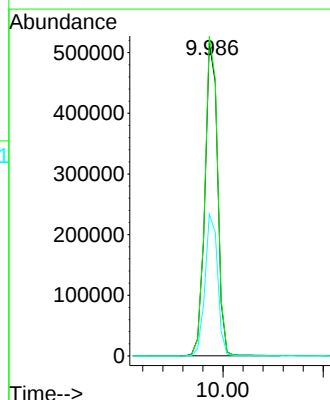
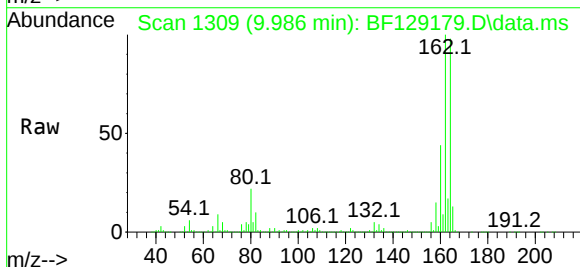
Tgt Ion:164 Resp: 455200

Ion Ratio Lower Upper

164 100

162 102.1 79.5 119.3

160 45.2 34.2 51.4





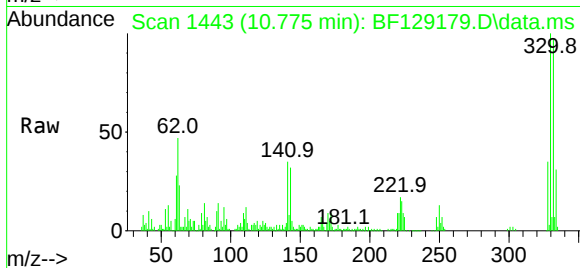
#42
2,4,6-Tribromophenol
Concen: 13.548 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Instrument :

BNA_F

ClientSampleId :

CHRT-26572DL

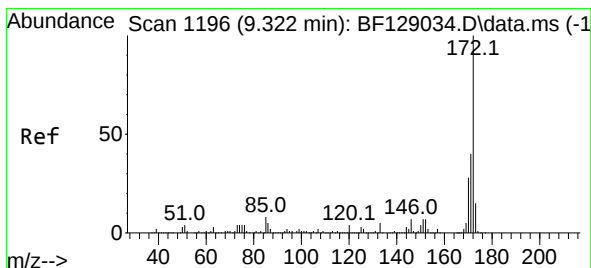
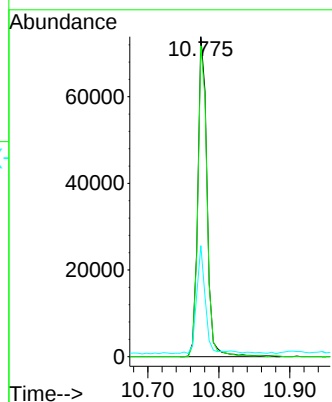
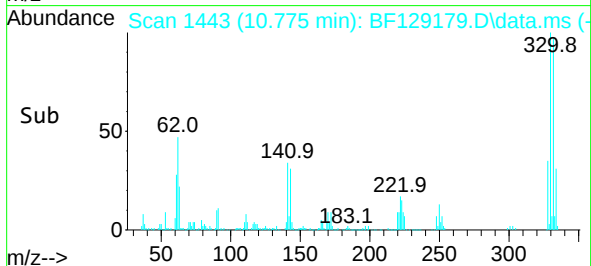


Tgt Ion:330 Resp: 6705
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 31.3 28.0 42.0

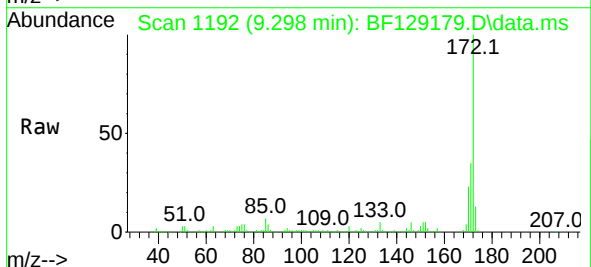
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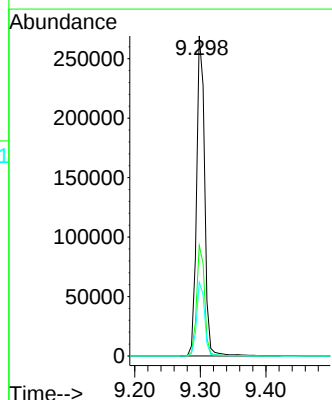
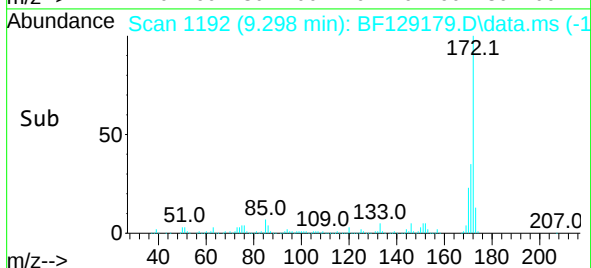
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022

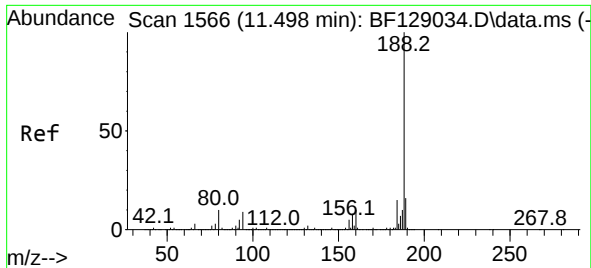


#45
2-Fluorobiphenyl
Concen: 8.144 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11



Tgt Ion:172 Resp: 231726
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 23.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Instrument :

BNA_F

ClientSampleId :

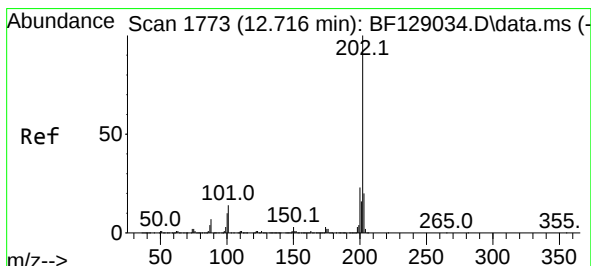
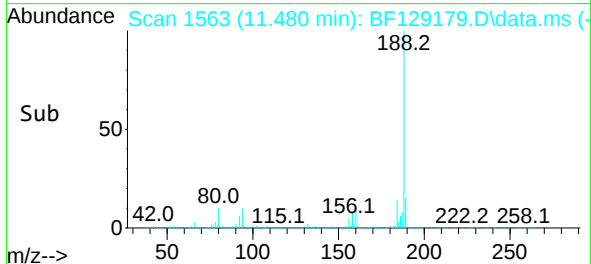
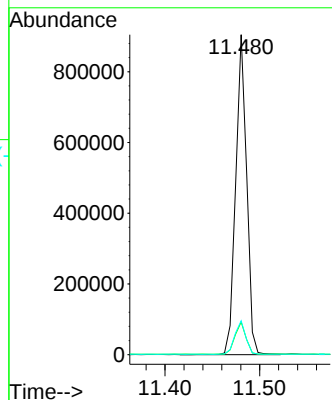
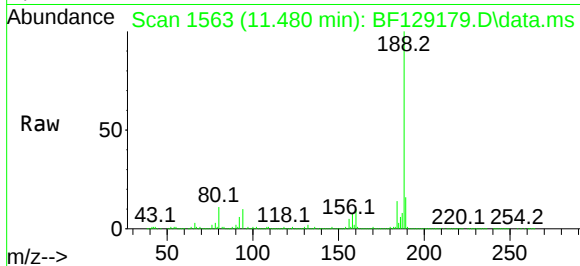
CHRT-26572DL

Tgt Ion:188 Resp: 72525
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.6 7.6 11.4

Manual Integrations

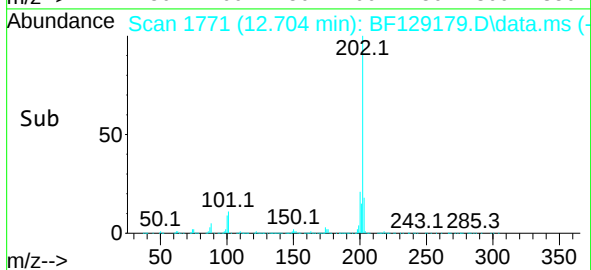
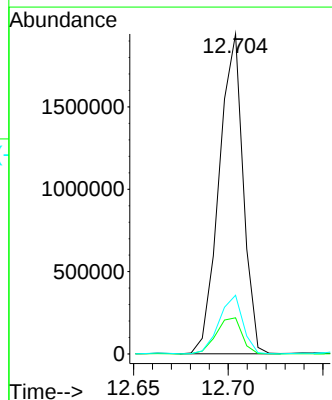
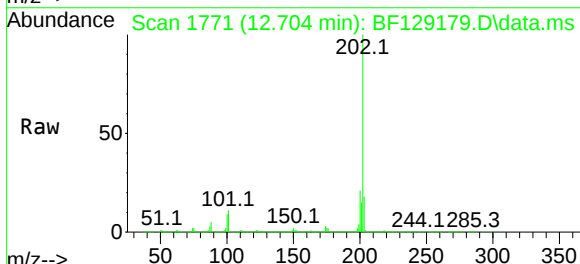
APPROVED

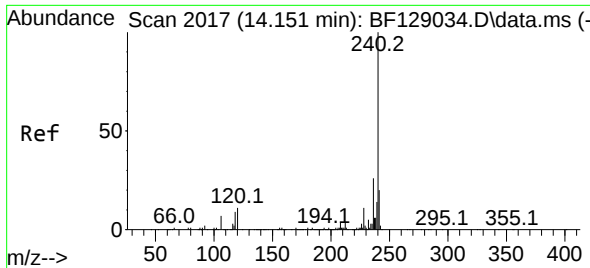
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#75
Fluoranthene
Concen: 47.367 ng
RT: 12.704 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Tgt Ion:202 Resp: 1716570
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 18.4 0.0 38.0





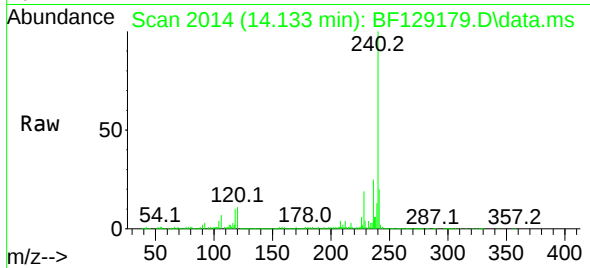
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Instrument :

BNA_F

ClientSampleId :

CHRT-26572DL

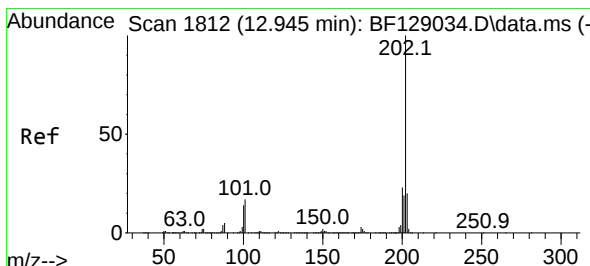
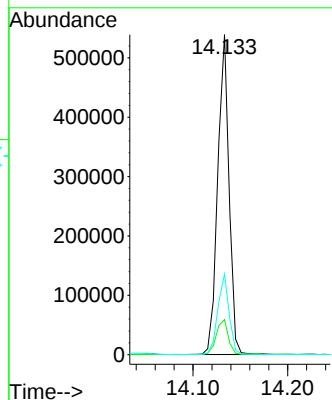
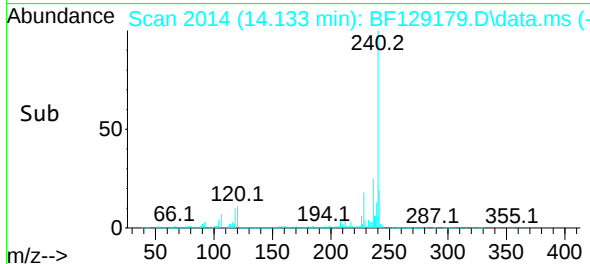


Tgt Ion:240 Resp: 44932
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.2 20.8 31.2

Manual Integrations

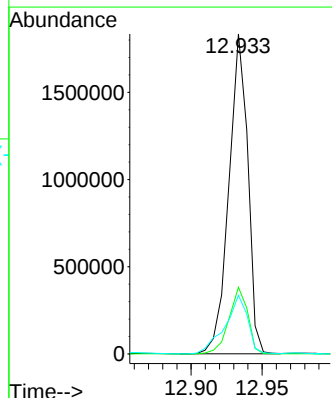
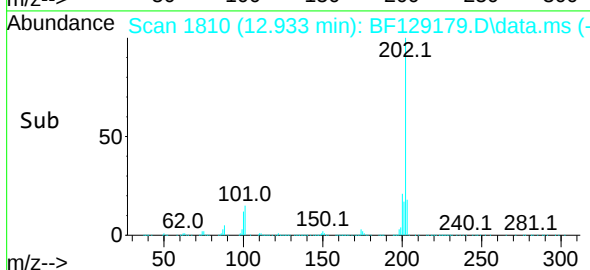
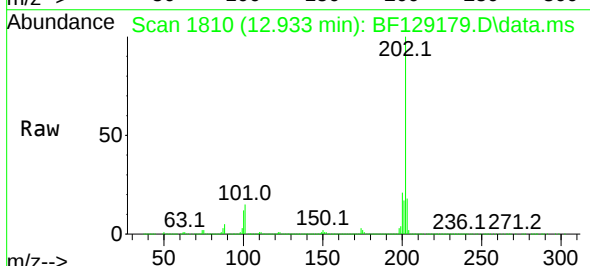
APPROVED

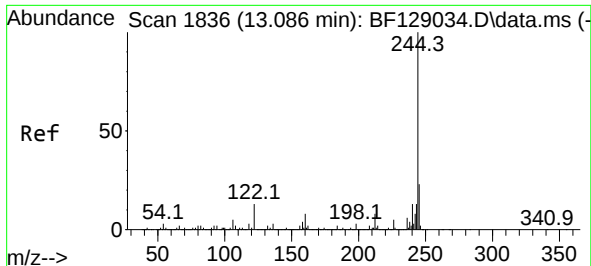
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#78
Pyrene
Concen: 54.514 ng
RT: 12.933 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Tgt Ion:202 Resp: 1697878
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 18.4 14.6 21.8





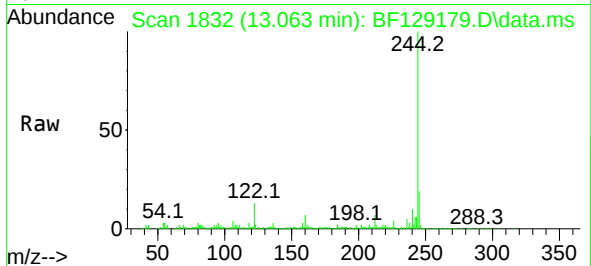
#79
Terphenyl-d14
Concen: 7.427 ng
RT: 13.063 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Instrument :

BNA_F

ClientSampleId :

CHRT-26572DL

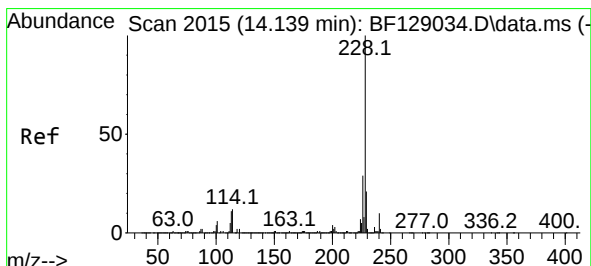
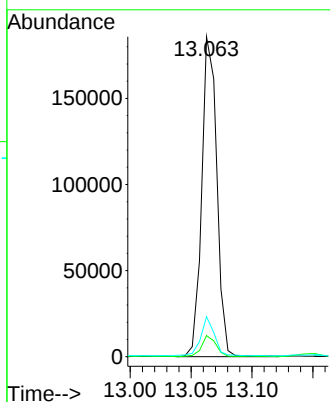
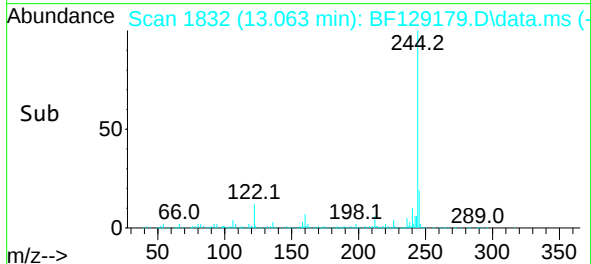


Tgt Ion:244 Resp: 160708
Ion Ratio Lower Upper
244 100
212 6.6 6.1 9.1
122 12.5 8.8 13.2

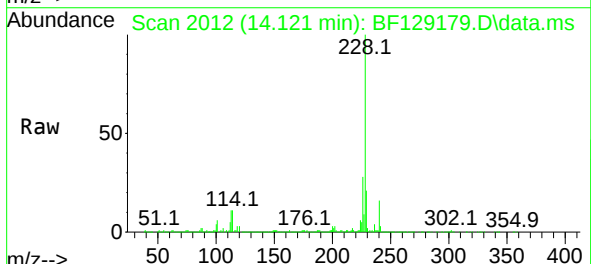
Manual Integrations

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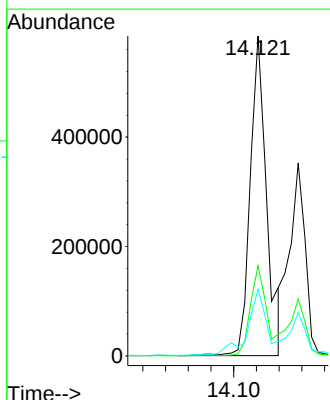
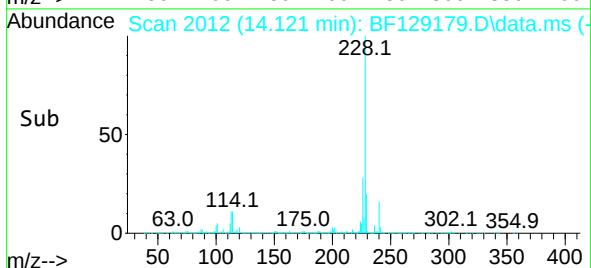
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022

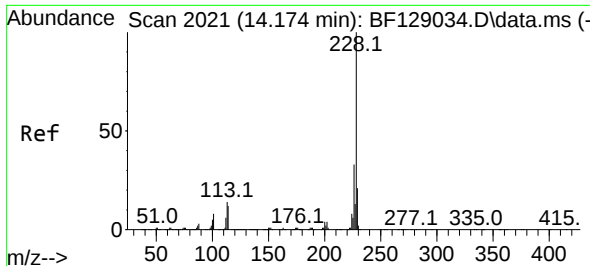


#81
Benzo(a)anthracene
Concen: 21.455 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11



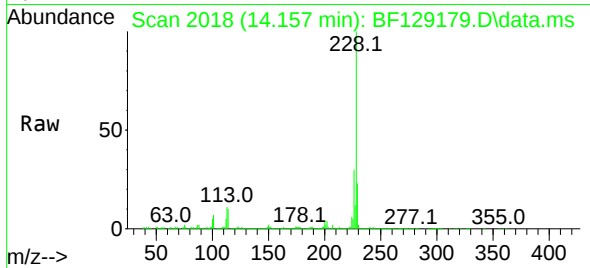
Tgt Ion:228 Resp: 588615
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.9 15.8 23.8





#83
Chrysene
Concen: 13.467 ng
RT: 14.157 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

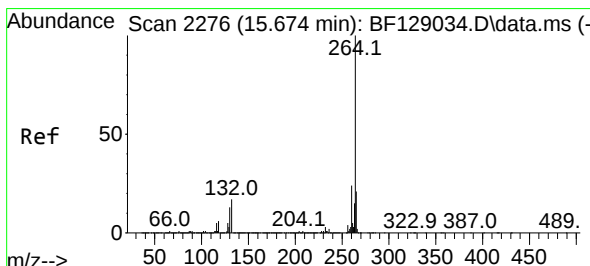
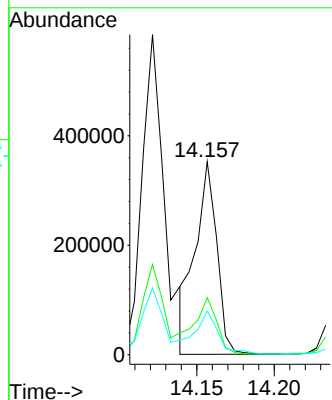
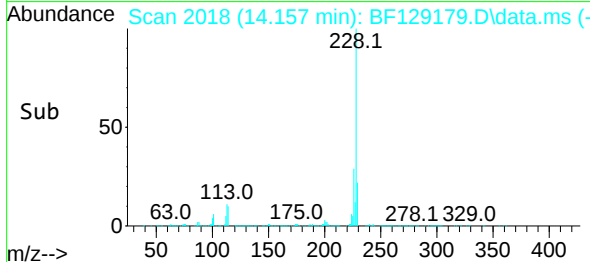
Instrument :
BNA_F
ClientSampleId :
CHRT-26572DL



Tgt Ion:228 Resp: 343000
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 22.6 15.9 23.9

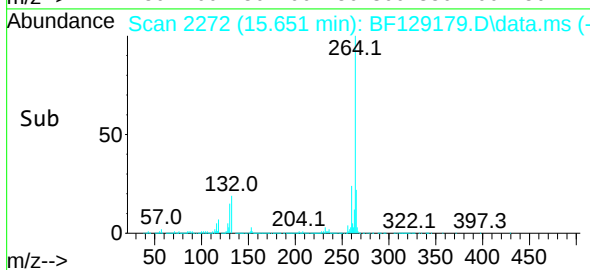
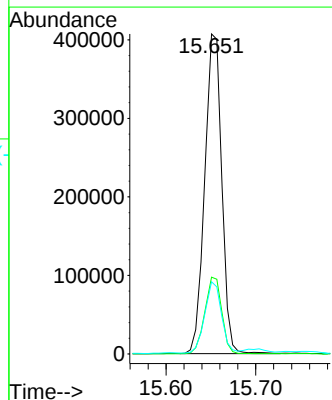
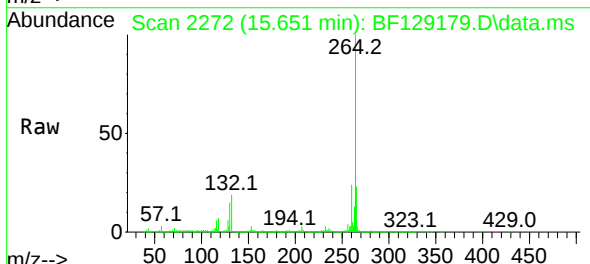
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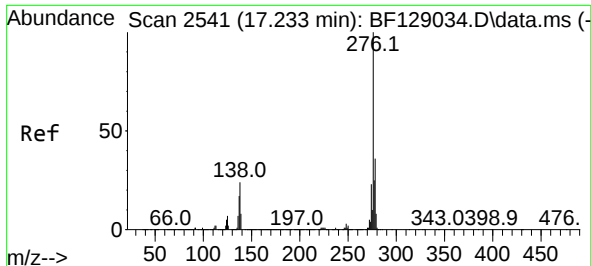
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

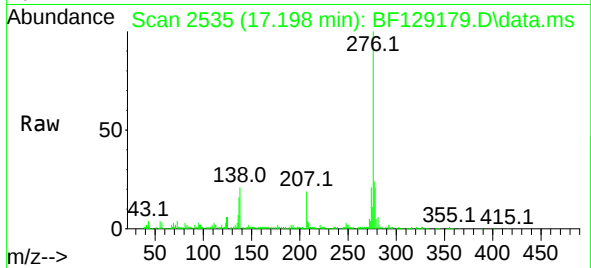
Tgt Ion:264 Resp: 537537
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.5 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.069 ng
RT: 17.198 min Scan# 2195
Delta R.T. -0.017 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

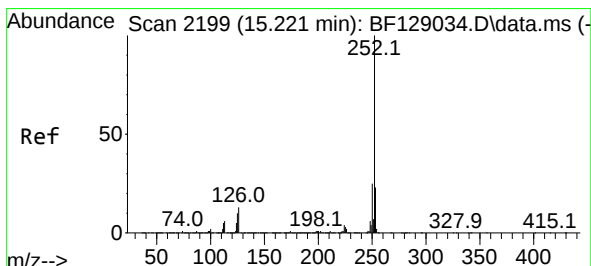
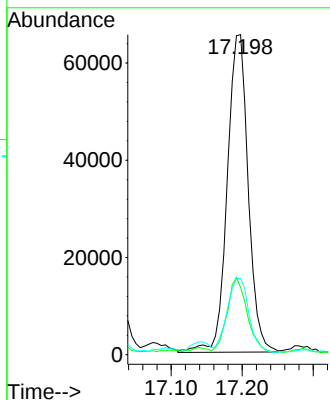
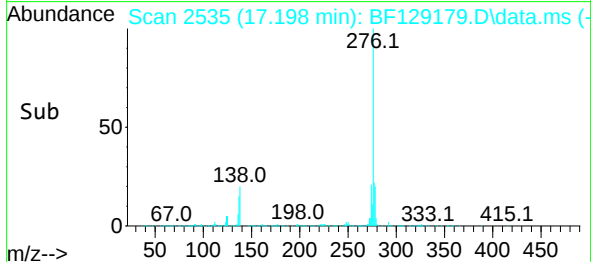
Instrument :
BNA_F
ClientSampleId :
CHRT-26572DL



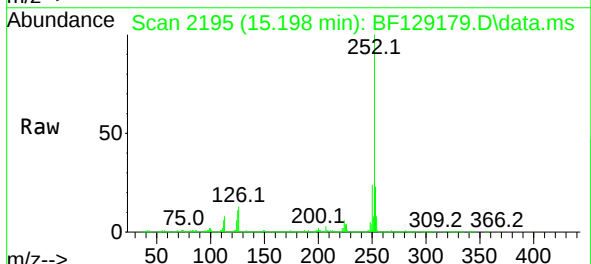
Tgt Ion:276 Resp: 134154
Ion Ratio Lower Upper
276 100
138 22.8 21.1 31.7
277 24.2 20.3 30.5

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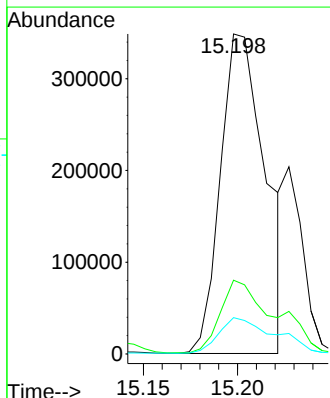
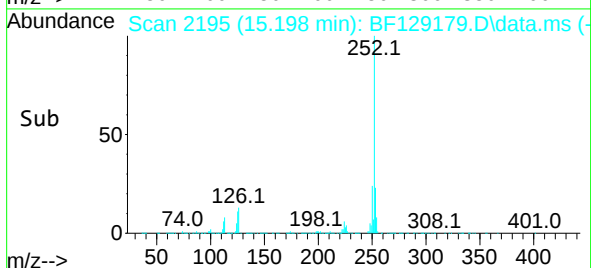
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022

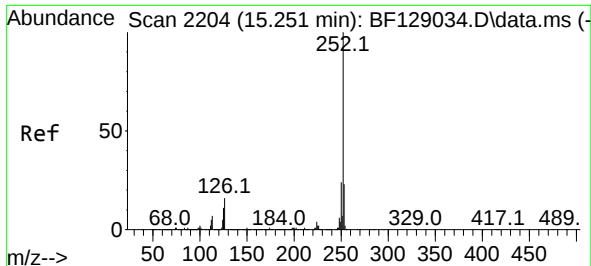


#88
Benzo(b)fluoranthene
Concen: 17.877 ng m
RT: 15.198 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11



Tgt Ion:252 Resp: 577912
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 11.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 4.545 ng m

RT: 15.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

Instrument :

BNA_F

ClientSampleId :

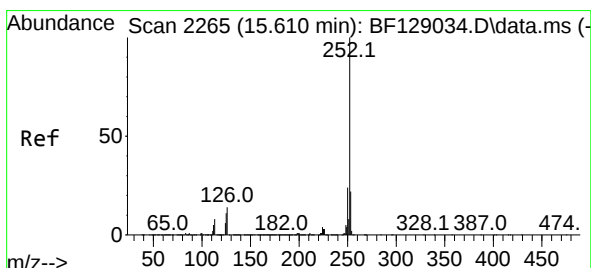
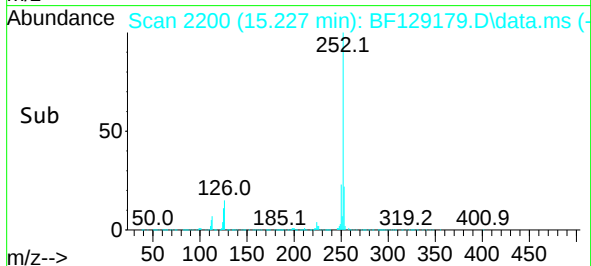
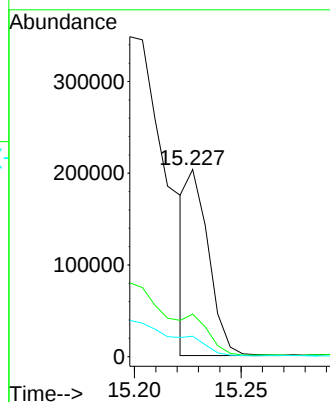
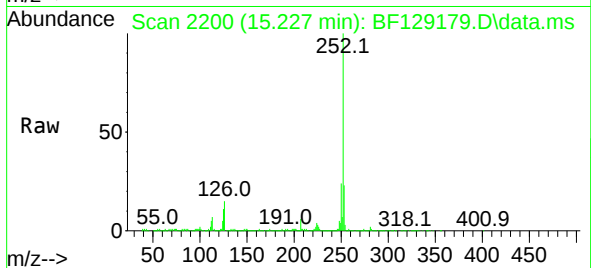
CHRT-26572DL

Tgt Ion:252	Resp: 14252
Ion Ratio	Lower Upper
252	100
253	22.7 17.8 26.6
125	10.9 8.3 12.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#90

Benzo(a)pyrene

Concen: 10.443 ng

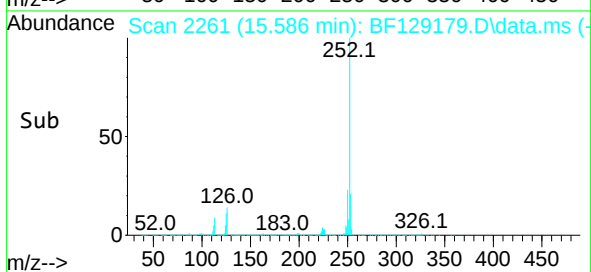
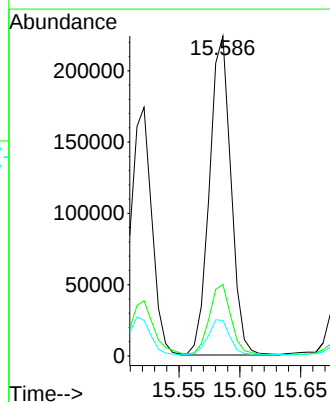
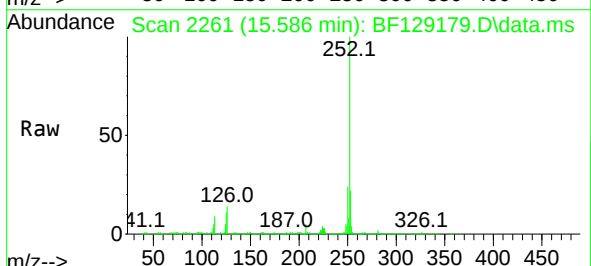
RT: 15.586 min Scan# 2261

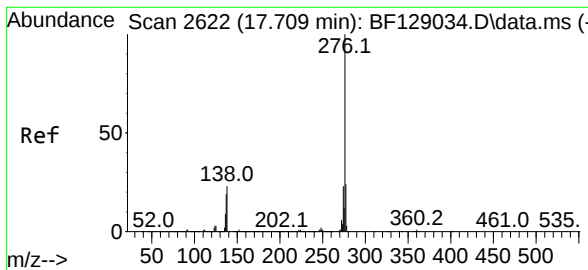
Delta R.T. -0.006 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

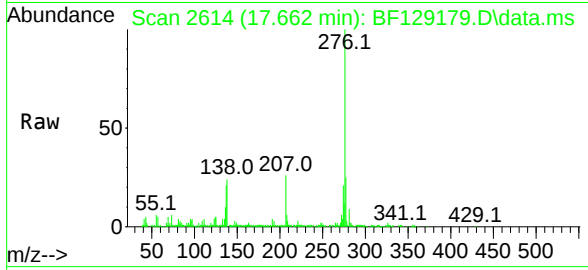
Tgt Ion:252	Resp: 275219
Ion Ratio	Lower Upper
252	100
253	22.3 17.0 25.6
125	11.1 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.789 ng
 RT: 17.662 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: BF129179.D
 Acq: 08 Jul 2022 17:11

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26572DL



Tgt Ion:276 Resp: 102150
 Ion Ratio Lower Upper
 276 100
 277 25.3 19.1 28.7
 138 23.8 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022
 Supervised By :mohammad ahmed 07/11/2022

