

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130535.D
 Acq On : 05 Oct 2022 18:07
 Operator : CG\JU
 Sample : N4960-03 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-02-100322

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/06/2022
 Supervised By : mohammad ahmed 10/14/2022

Quant Time: Oct 06 01:12:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	67069	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	233374	20.000	ng	# 0.00
39) Acenaphthene-d10	9.663	164	104480	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	174840	20.000	ng	0.00
76) Chrysene-d12	13.775	240	178252	20.000	ng	0.00
86) Perylene-d12	15.163	264	128045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	46840	12.113	ng	0.00
7) Phenol-d6	6.275	99	56554	11.689	ng	0.00
23) Nitrobenzene-d5	7.199	82	32971	7.218	ng	0.00
42) 2,4,6-Tribromophenol	10.451	330	11429	11.416	ng	0.00
45) 2-Fluorobiphenyl	8.987	172	59977	8.359	ng	0.00
79) Terphenyl-d14	12.728	244	70984	6.597	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.169	178	59607	6.072	ng	98
74) Di-n-butylphthalate	11.710	149	21246	2.061	ng	99
75) Fluoranthene	12.351	202	75712	7.982	ng	97
78) Pyrene	12.581	202	104858	6.724	ng	97
81) Benzo(a)anthracene	13.769	228	44037	3.714	ng	94
83) Chrysene	13.798	228	44188m	3.925	ng	
88) Benzo(b)fluoranthene	14.780	252	33959m	4.063	ng	
90) Benzo(a)pyrene	15.110	252	27117	4.096	ng	# 96
92) Benzo(g,h,i)perylene	16.880	276	15874	2.115	ng	# 92

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

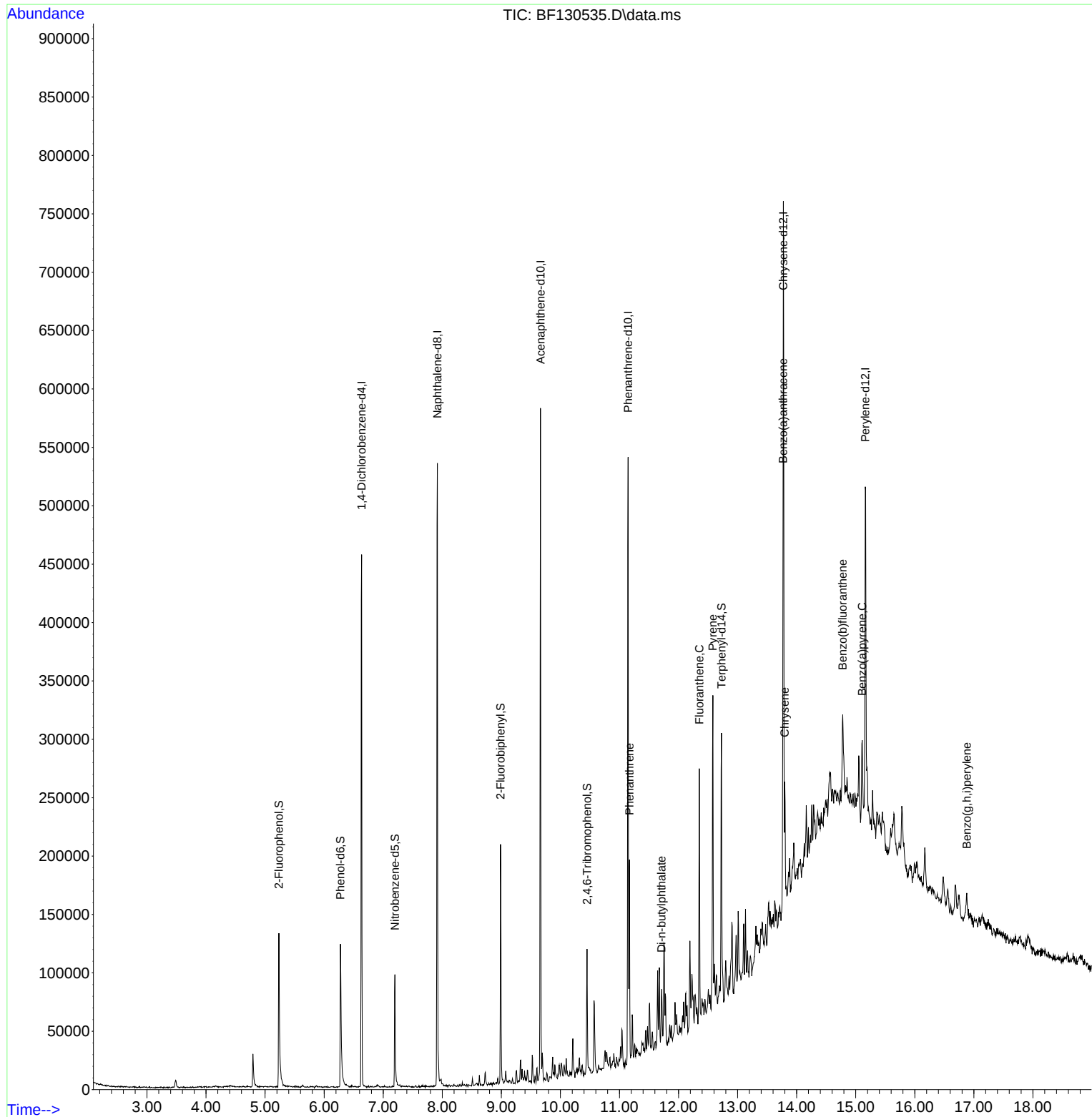
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
Data File : BF130535.D
Acq On : 05 Oct 2022 18:07
Operator : CG\JU
Sample : N4960-03 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

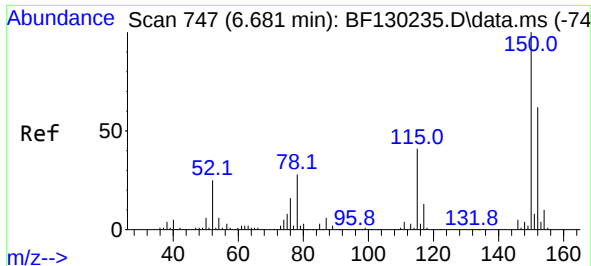
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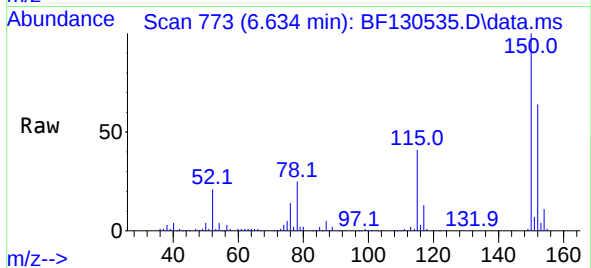
Quant Time: Oct 06 01:12:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 01:07:05 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

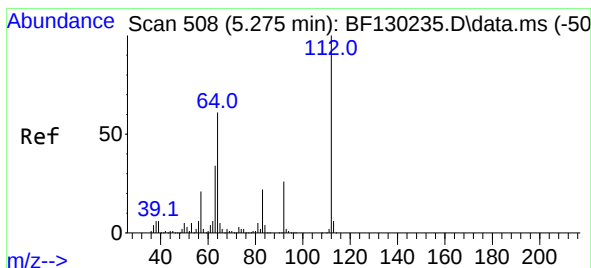
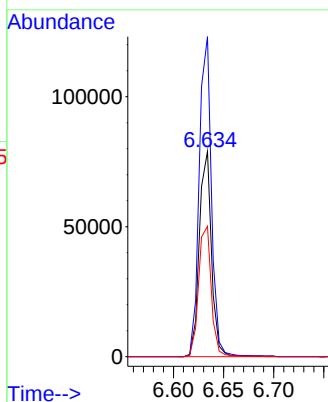
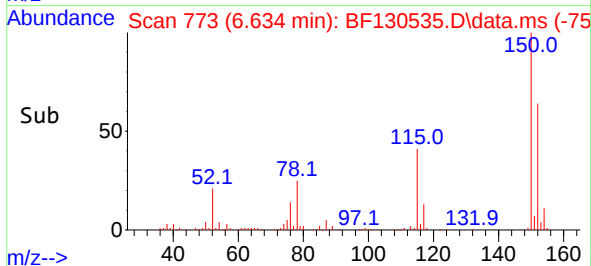
Instrument :
BNA_F
ClientSampleId :
PAT-02-100322



Tgt Ion:152 Resp: 67069
Ion Ratio Lower Upper
152 100
150 155.9 122.8 184.2
115 63.5 53.8 80.8

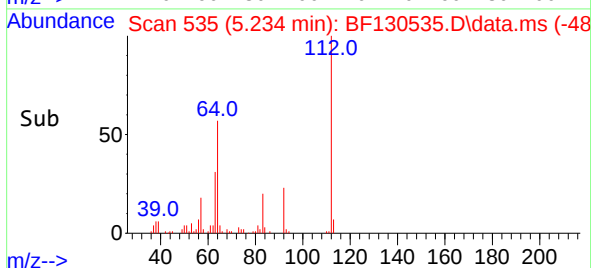
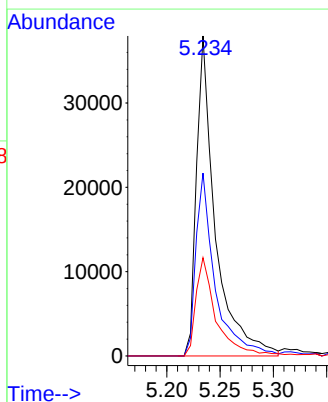
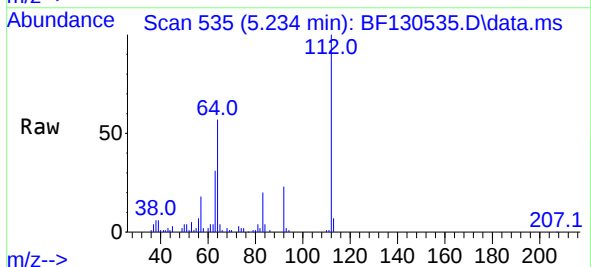
Manual Integrations
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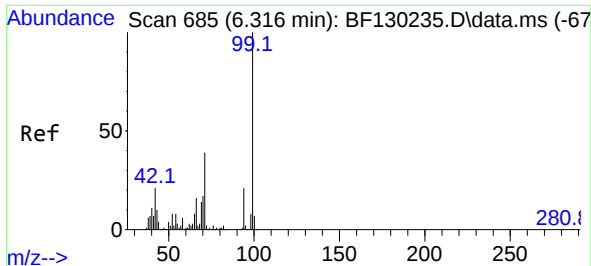
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#5
2-Fluorophenol
Concen: 12.113 ng
RT: 5.234 min Scan# 535
Delta R.T. 0.006 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

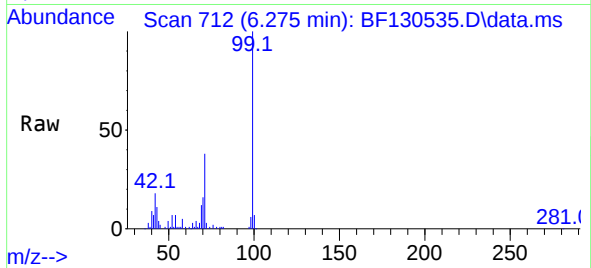
Tgt Ion:112 Resp: 46840
Ion Ratio Lower Upper
112 100
64 57.2 51.4 77.0
63 30.7 28.8 43.2





#7
Phenol-d6
Concen: 11.689 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

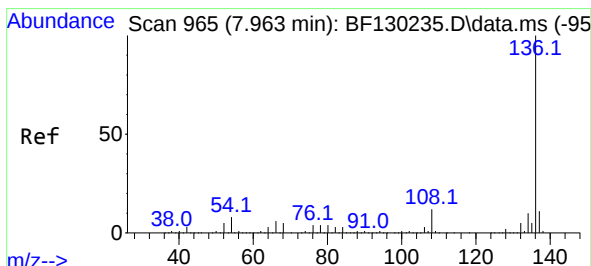
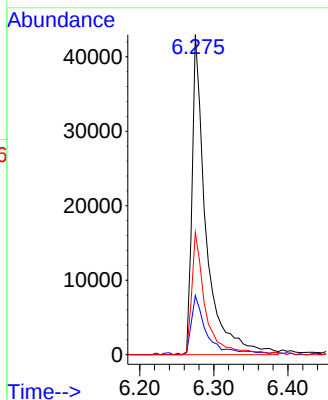
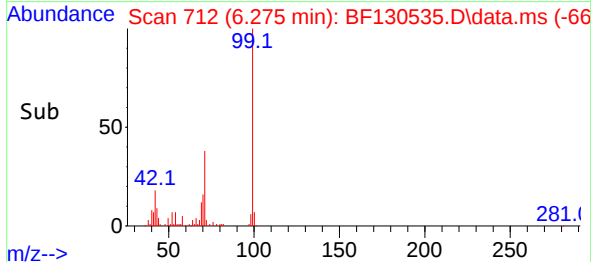
Instrument :
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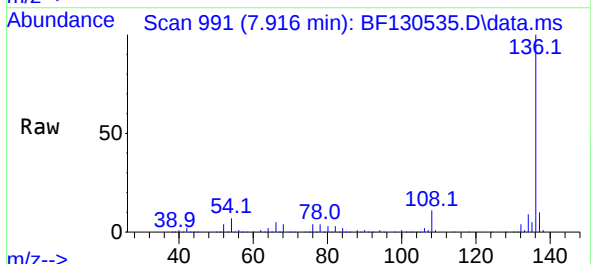
Tgt Ion: 99 Resp: 56554
Ion Ratio Lower Upper
99 100
42 18.5 17.0 25.6
71 38.3 32.3 48.5

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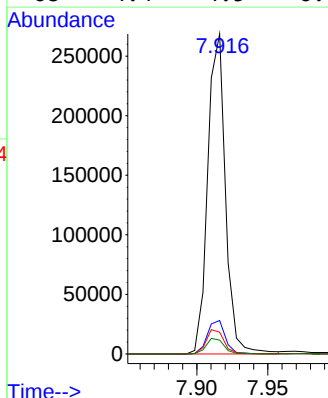
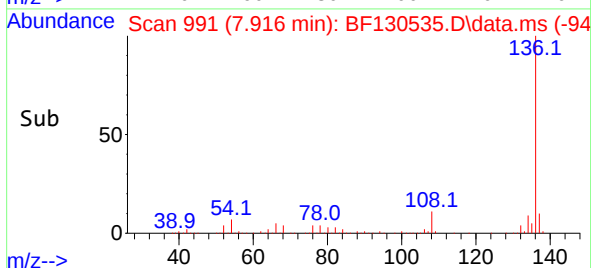
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

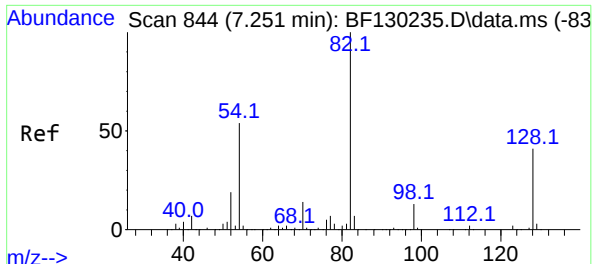


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07



Tgt Ion:136 Resp: 233374
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.8 7.1 10.7#
68 4.4 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 7.218 ng

RT: 7.199 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF130535.D

Acq: 05 Oct 2022 18:07

Instrument :

BNA_F

ClientSampleId :

PAT-02-100322

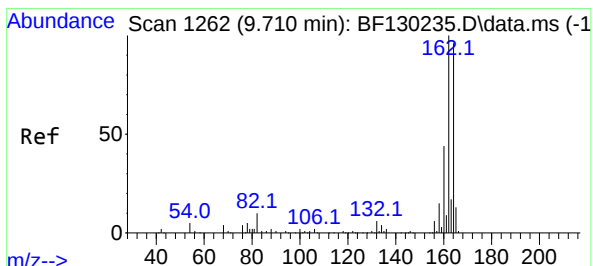
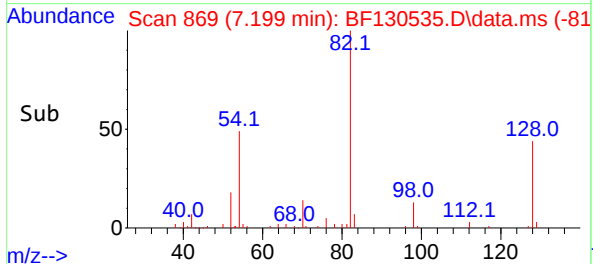
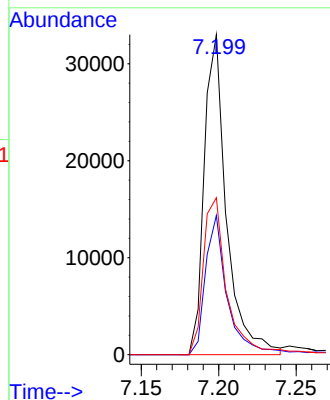
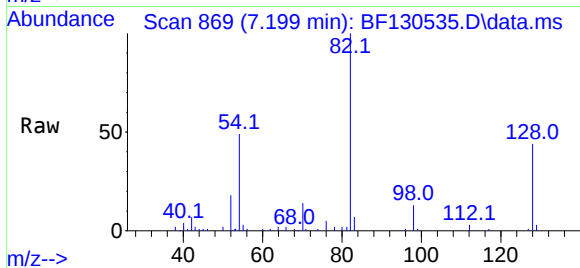
Tgt Ion: 82 Resp: 3297

Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.6	49.0
54	49.1	43.8	65.6

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.663 min Scan# 1288

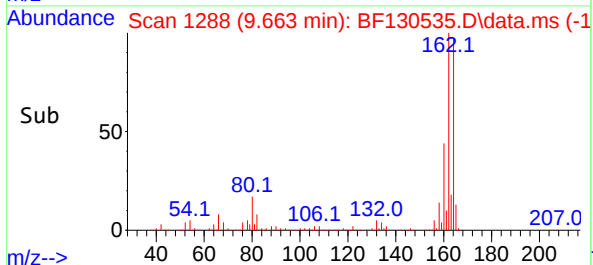
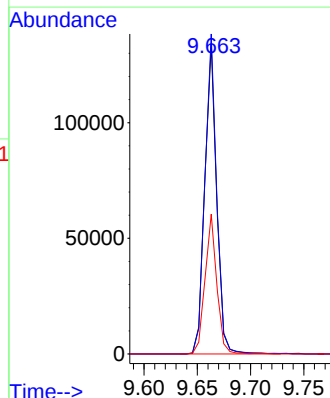
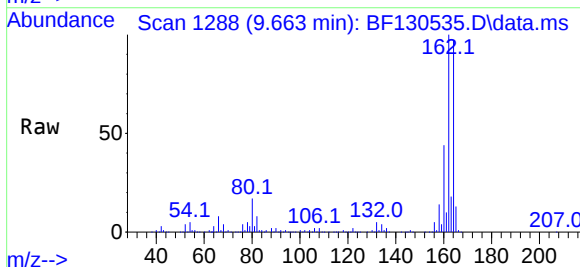
Delta R.T. -0.006 min

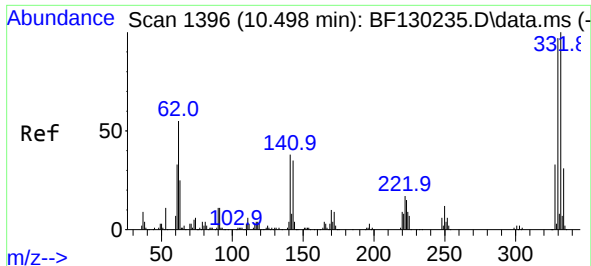
Lab File: BF130535.D

Acq: 05 Oct 2022 18:07

Tgt Ion:164 Resp: 104480

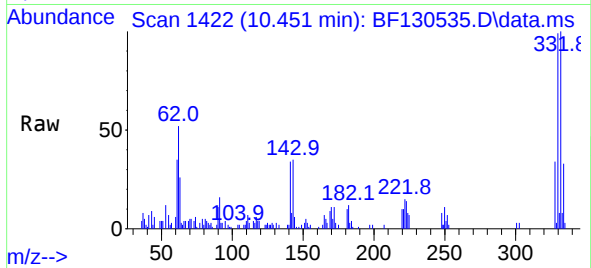
Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.0
160	45.1	36.2	54.4





#42
2,4,6-Tribromophenol
Concen: 11.416 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

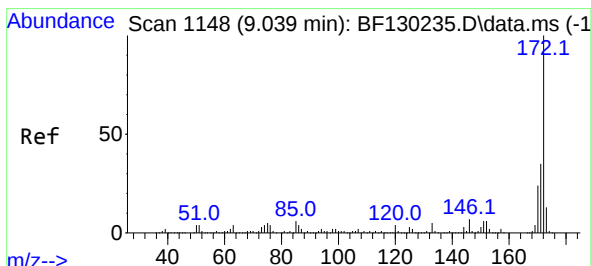
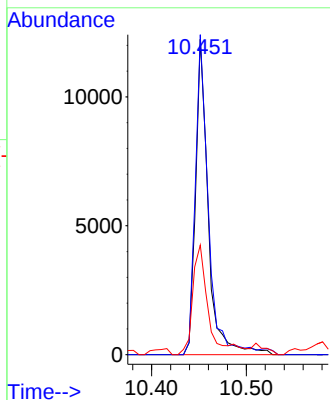
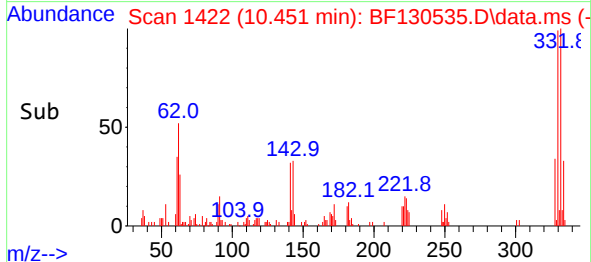
Instrument :
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ClientSampleId :
PAT-02-100322



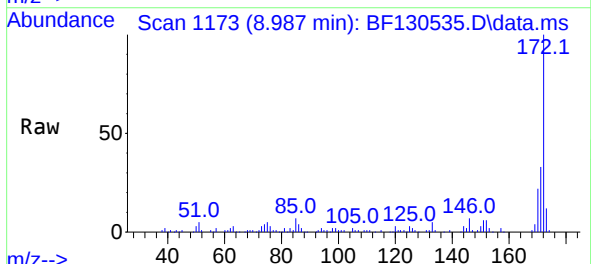
Tgt Ion: 330 Resp: 11429
Ion Ratio Lower Upper
330 100
332 105.5 83.4 125.2
141 43.5 34.0 51.0

Manual Integrations
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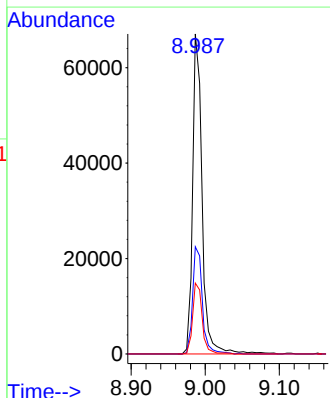
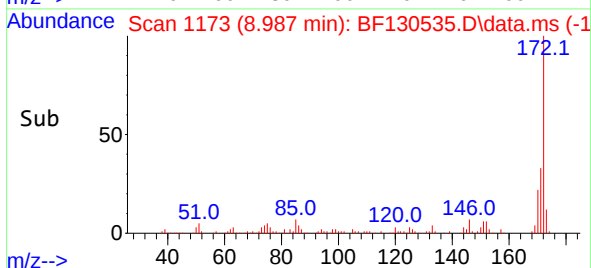
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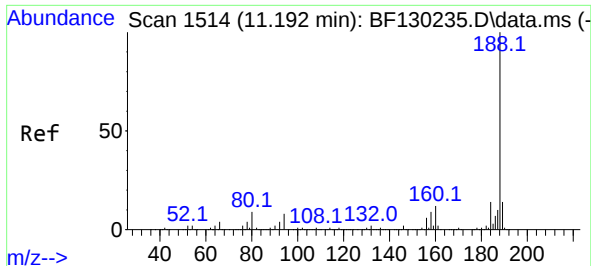


#45
2-Fluorobiphenyl
Concen: 8.359 ng
RT: 8.987 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07



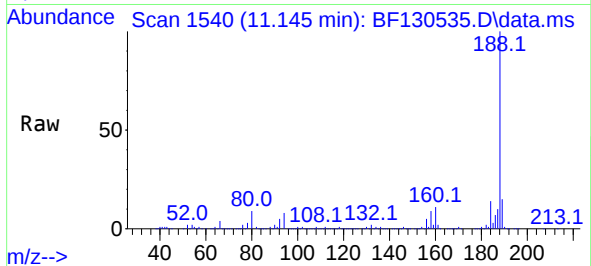
Tgt Ion: 172 Resp: 59977
Ion Ratio Lower Upper
172 100
171 33.5 28.3 42.5
170 22.1 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

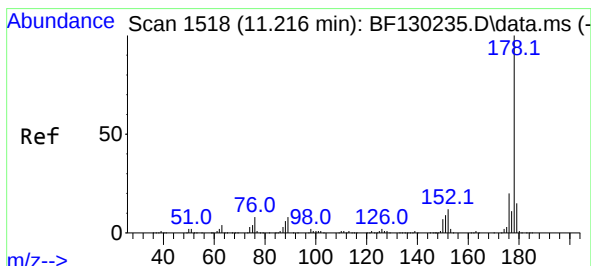
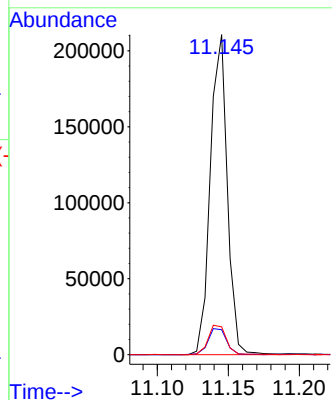
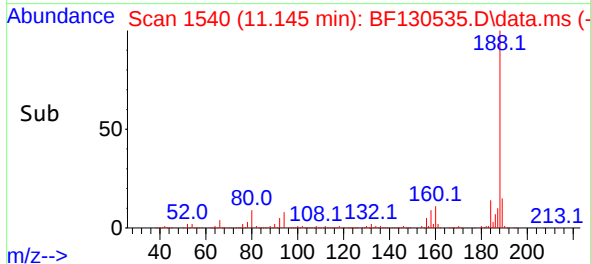
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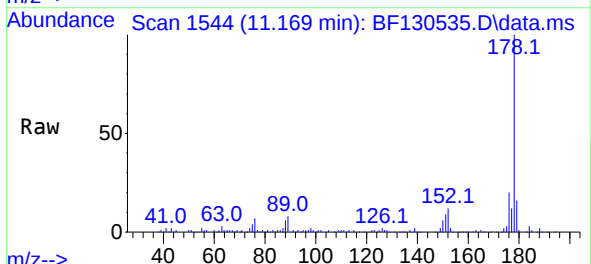
Tgt Ion:188 Resp: 174840
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.7 7.9 11.9

Manual Integrations
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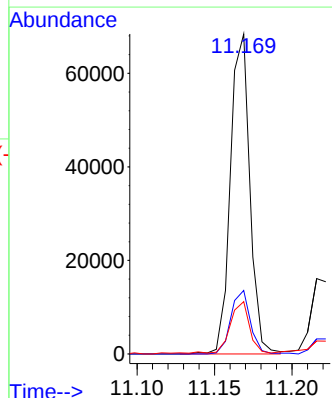
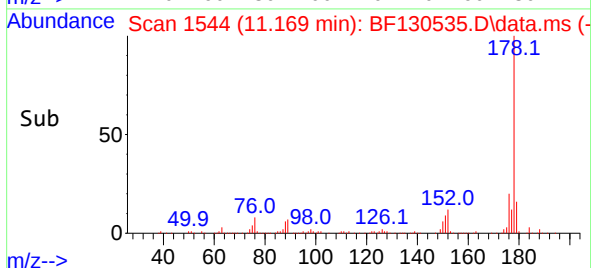
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

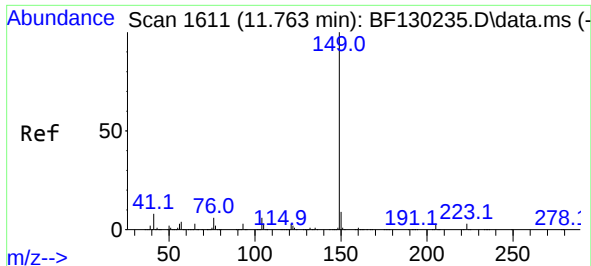


#71
Phenanthrene
Concen: 6.072 ng
RT: 11.169 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07



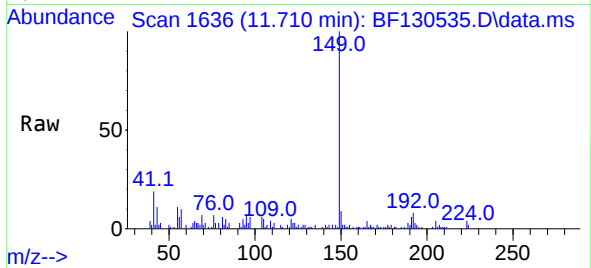
Tgt Ion:178 Resp: 59607
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 16.3 12.4 18.6





#74
Di-n-butylphthalate
Concen: 2.061 ng
RT: 11.710 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

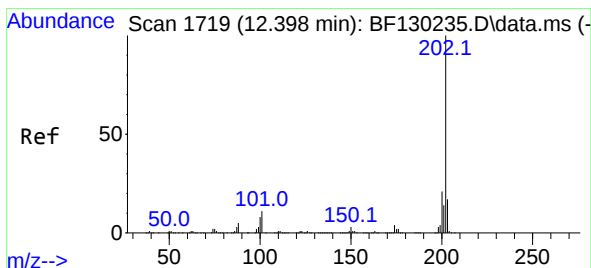
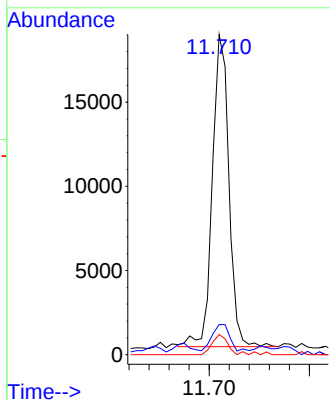
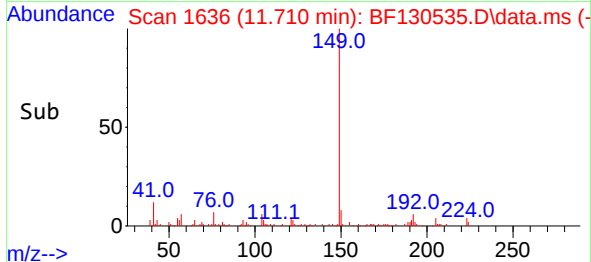
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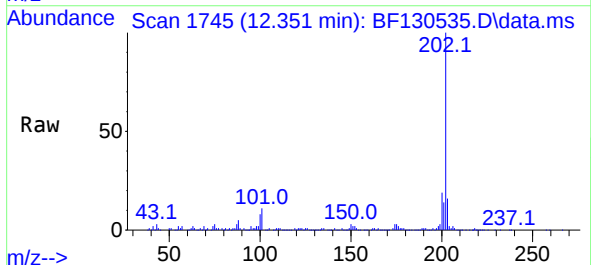
Tgt Ion:149 Resp: 21240
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 6.3 4.8 7.2

Manual Integrations
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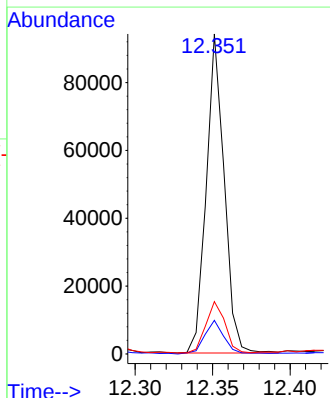
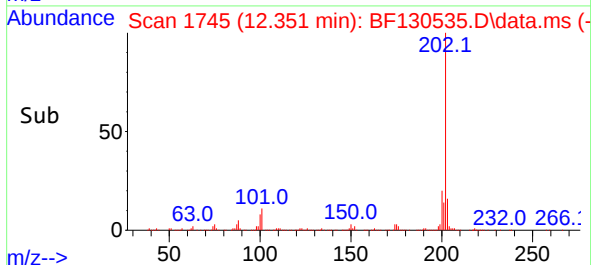
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

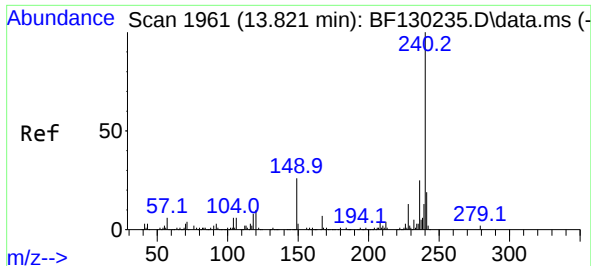


#75
Fluoranthene
Concen: 7.982 ng
RT: 12.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07



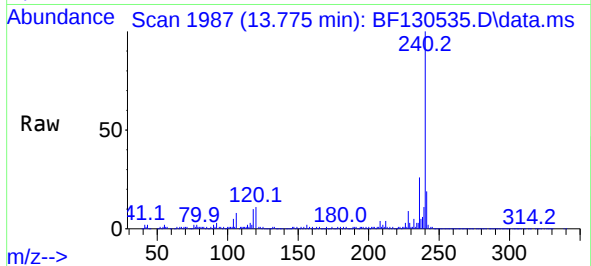
Tgt Ion:202 Resp: 75712
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.8
203 16.4 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.775 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

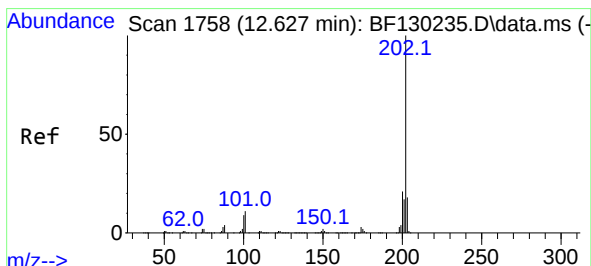
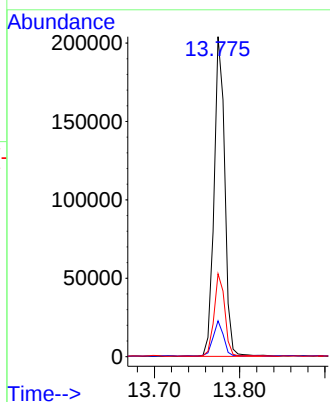
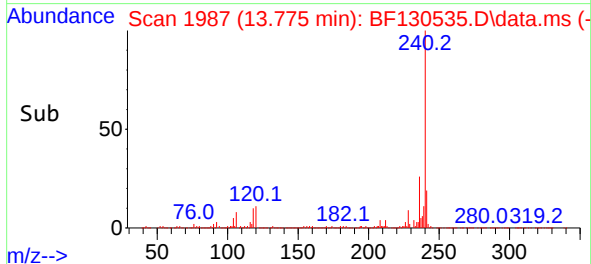
Instrument :
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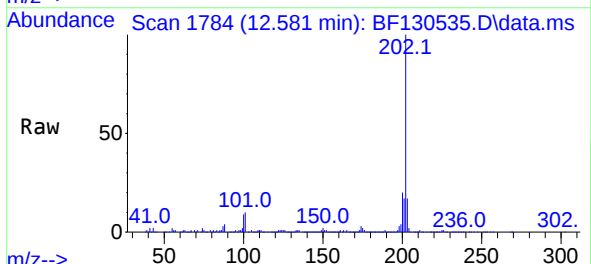
Tgt Ion:240 Resp: 17825
Ion Ratio Lower Upper
240 100
120 11.2 8.7 13.1
236 25.9 20.9 31.3

Manual Integrations
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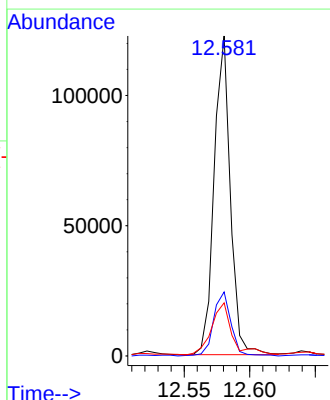
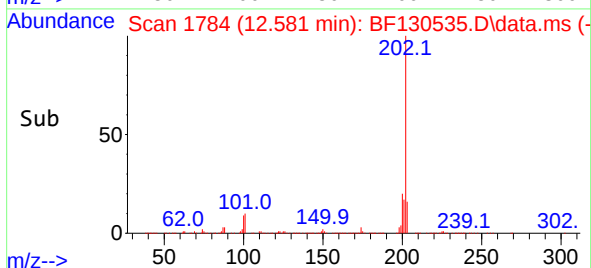
Reviewed By :Christian Giraldo 10/06/2022
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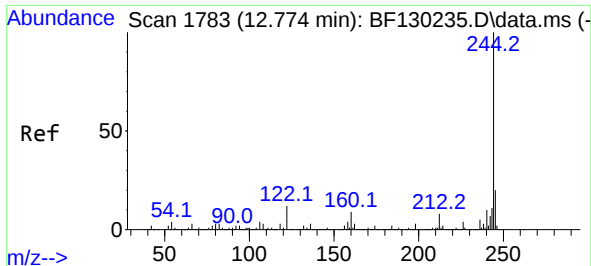


#78
Pyrene
Concen: 6.724 ng
RT: 12.581 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07



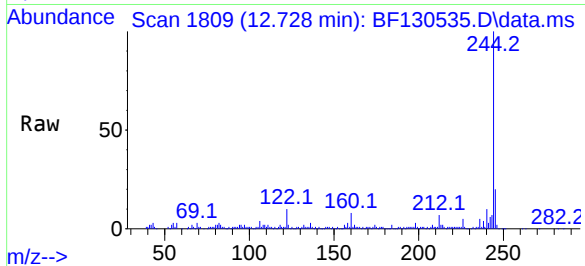
Tgt Ion:202 Resp: 104858
Ion Ratio Lower Upper
202 100
200 20.0 17.2 25.8
203 16.6 14.3 21.5





#79
 Terphenyl-d14
 Concen: 6.597 ng
 RT: 12.728 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130535.D
 Acq: 05 Oct 2022 18:07

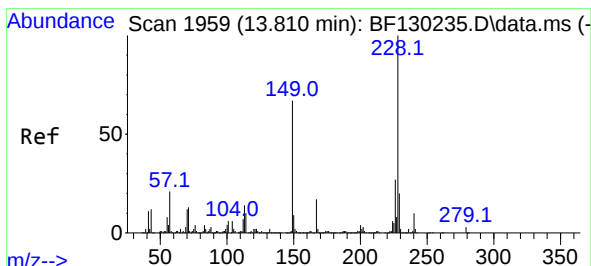
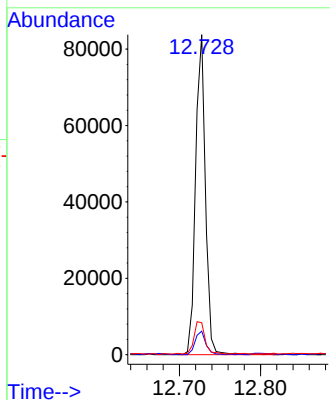
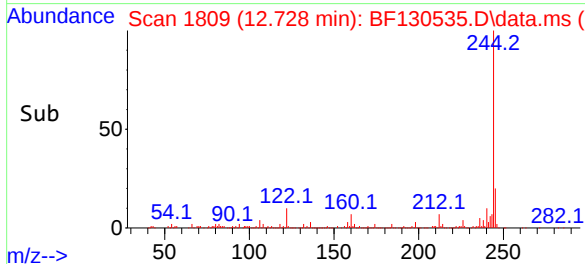
Instrument :
 BNA_F
 ClientSampleId :
 PAT-02-100322



Tgt Ion:244 Resp: 70984
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.0 8.5 12.7

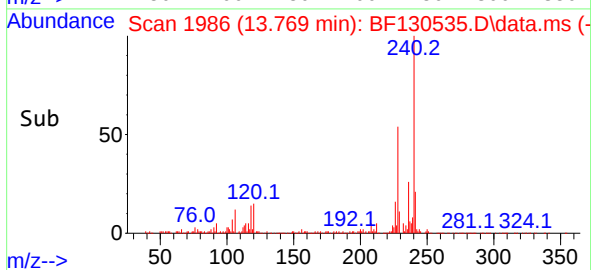
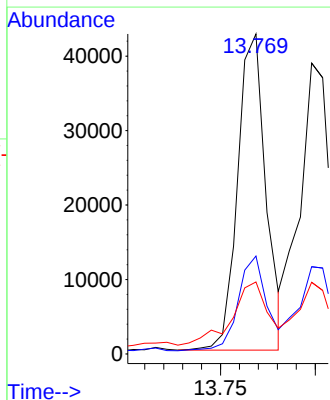
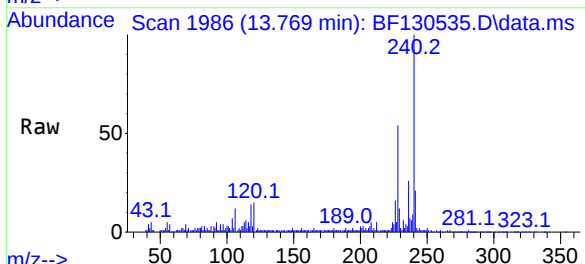
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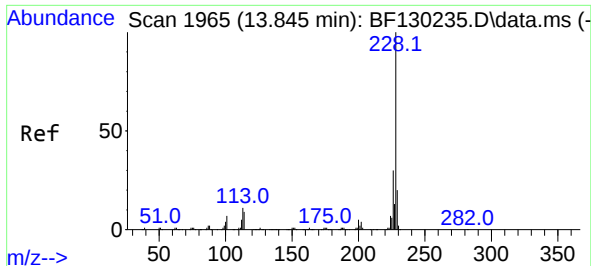
Reviewed By :Christian Giraldo 10/06/2022
 Supervised By :mohammad ahmed 10/14/2022



#81
 Benzo(a)anthracene
 Concen: 3.714 ng
 RT: 13.769 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: BF130535.D
 Acq: 05 Oct 2022 18:07

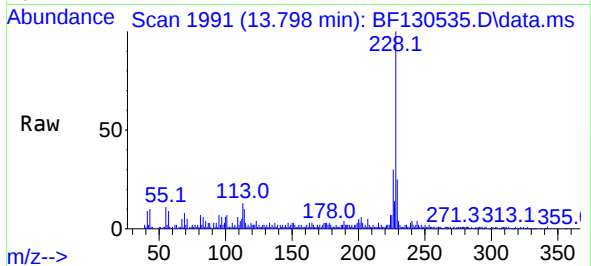
Tgt Ion:228 Resp: 44037
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.9 32.9
 229 22.5 16.1 24.1





#83
Chrysene
Concen: 3.925 ng m
RT: 13.798 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

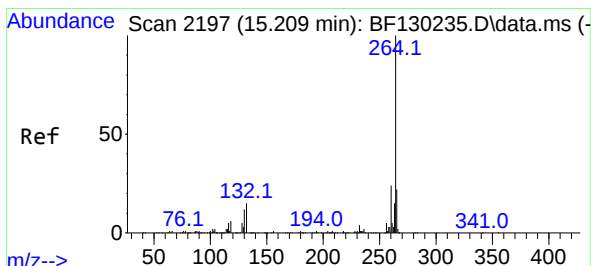
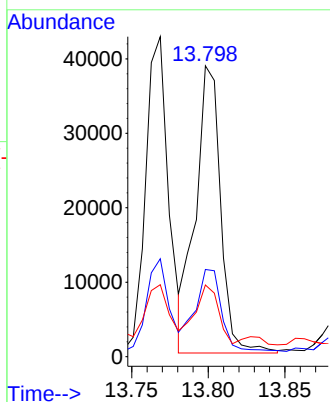
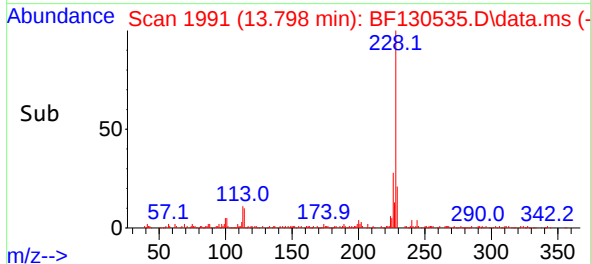
Instrument :
BNA_F
ClientSampleId :
PAT-02-100322



Tgt Ion:228 Resp: 4418
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 24.6 15.3 22.9

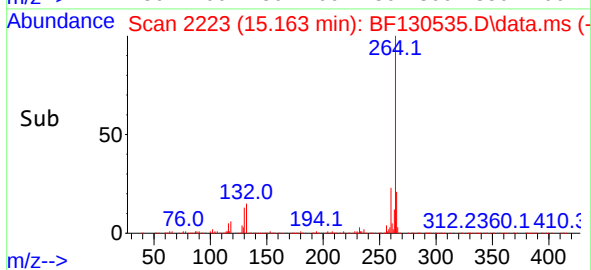
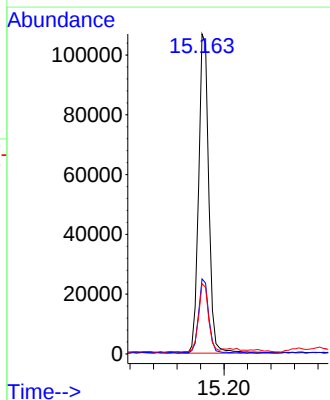
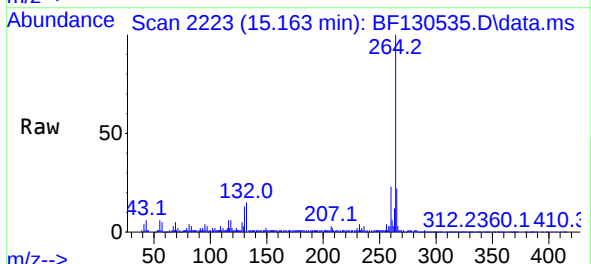
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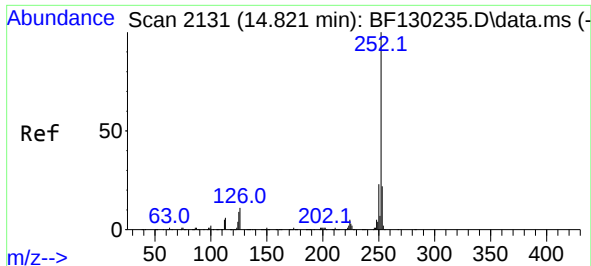
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.163 min Scan# 2223
Delta R.T. 0.000 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

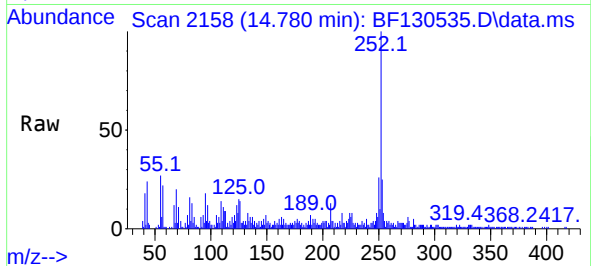
Tgt Ion:264 Resp: 128045
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 22.0 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 4.063 ng m
RT: 14.780 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

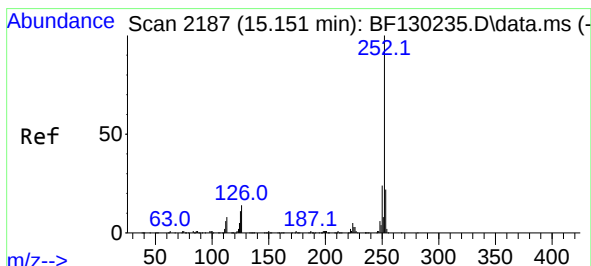
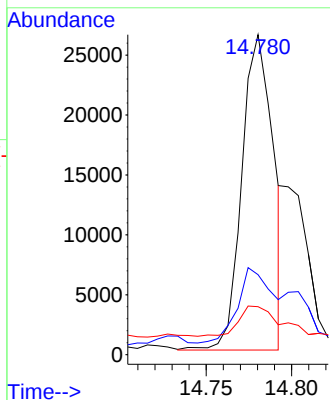
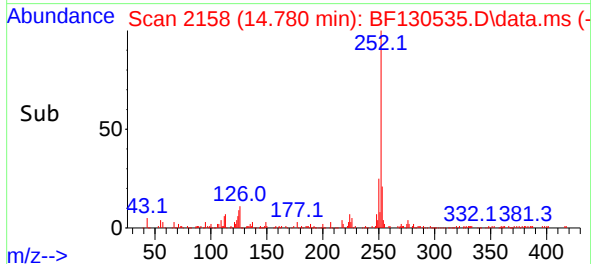
Instrument :
BNA_F
ClientSampleId :
PAT-02-100322



Tgt Ion:252 Resp: 3395
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 15.0 8.1 12.1

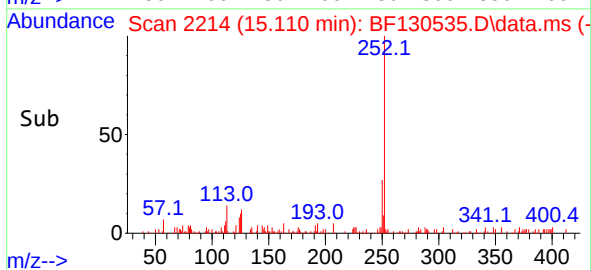
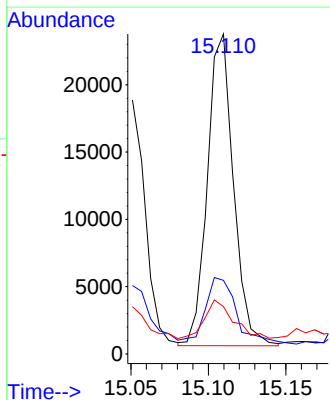
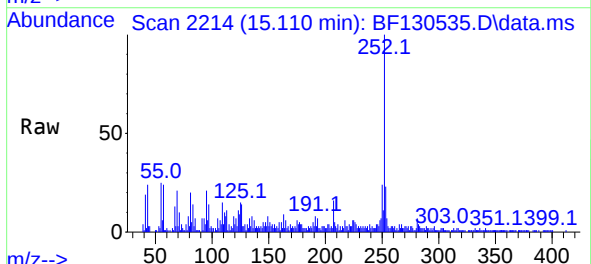
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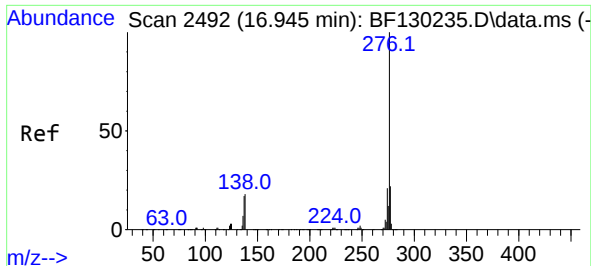
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#90
Benzo(a)pyrene
Concen: 4.096 ng
RT: 15.110 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

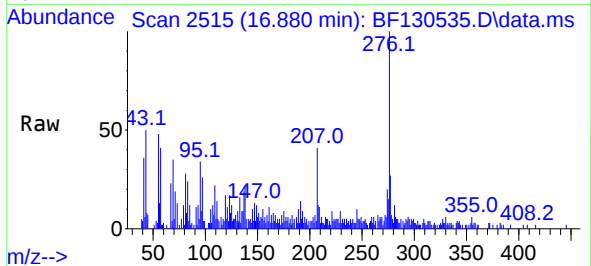
Tgt Ion:252 Resp: 27117
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 14.8 9.0 13.6





#92
Benzo(g,h,i)perylene
Concen: 2.115 ng
RT: 16.880 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130535.D
Acq: 05 Oct 2022 18:07

Instrument :
BNA_F
ClientSampleId :
PAT-02-100322



Tgt Ion: 276 Resp: 15874

Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.6	27.8
138	22.2	14.6	21.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 10/06/2022
Supervised By : mohammad ahmed 10/14/2022

