

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130531.D
 Acq On : 05 Oct 2022 16:00
 Operator : CG\JU
 Sample : N4960-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-01-100322

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 01:11:01 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	78580	20.000	ng	0.00
21) Naphthalene-d8	7.910	136	298071	20.000	ng	0.00
39) Acenaphthene-d10	9.663	164	136820	20.000	ng	0.00
64) Phenanthrene-d10	11.139	188	191520	20.000	ng	0.00
76) Chrysene-d12	13.774	240	175605	20.000	ng	0.00
86) Perylene-d12	15.162	264	179814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	99444	21.950	ng	0.00
7) Phenol-d6	6.275	99	127389	22.472	ng	0.00
23) Nitrobenzene-d5	7.198	82	79735	13.666	ng	0.00
42) 2,4,6-Tribromophenol	10.451	330	23602	18.003	ng	0.00
45) 2-Fluorobiphenyl	8.986	172	145815	15.519	ng	0.00
79) Terphenyl-d14	12.727	244	118517	11.180	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.163	178	57505	5.348	ng	100
74) Di-n-butylphthalate	11.710	149	53921	4.775	ng	99
75) Fluoranthene	12.351	202	130897	12.598	ng	98
78) Pyrene	12.574	202	131515	8.561	ng	99
81) Benzo(a)anthracene	13.762	228	83303	7.131	ng	99
83) Chrysene	13.798	228	70481m	6.354	ng	
87) Indeno(1,2,3-cd)pyrene	16.474	276	30608	2.400	ng	97
88) Benzo(b)fluoranthene	14.774	252	101224m	8.625	ng	
89) Benzo(k)fluoranthene	14.798	252	34545m	2.992	ng	
90) Benzo(a)pyrene	15.104	252	68806	7.400	ng	97
92) Benzo(g,h,i)perylene	16.868	276	28572	2.711	ng	94

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

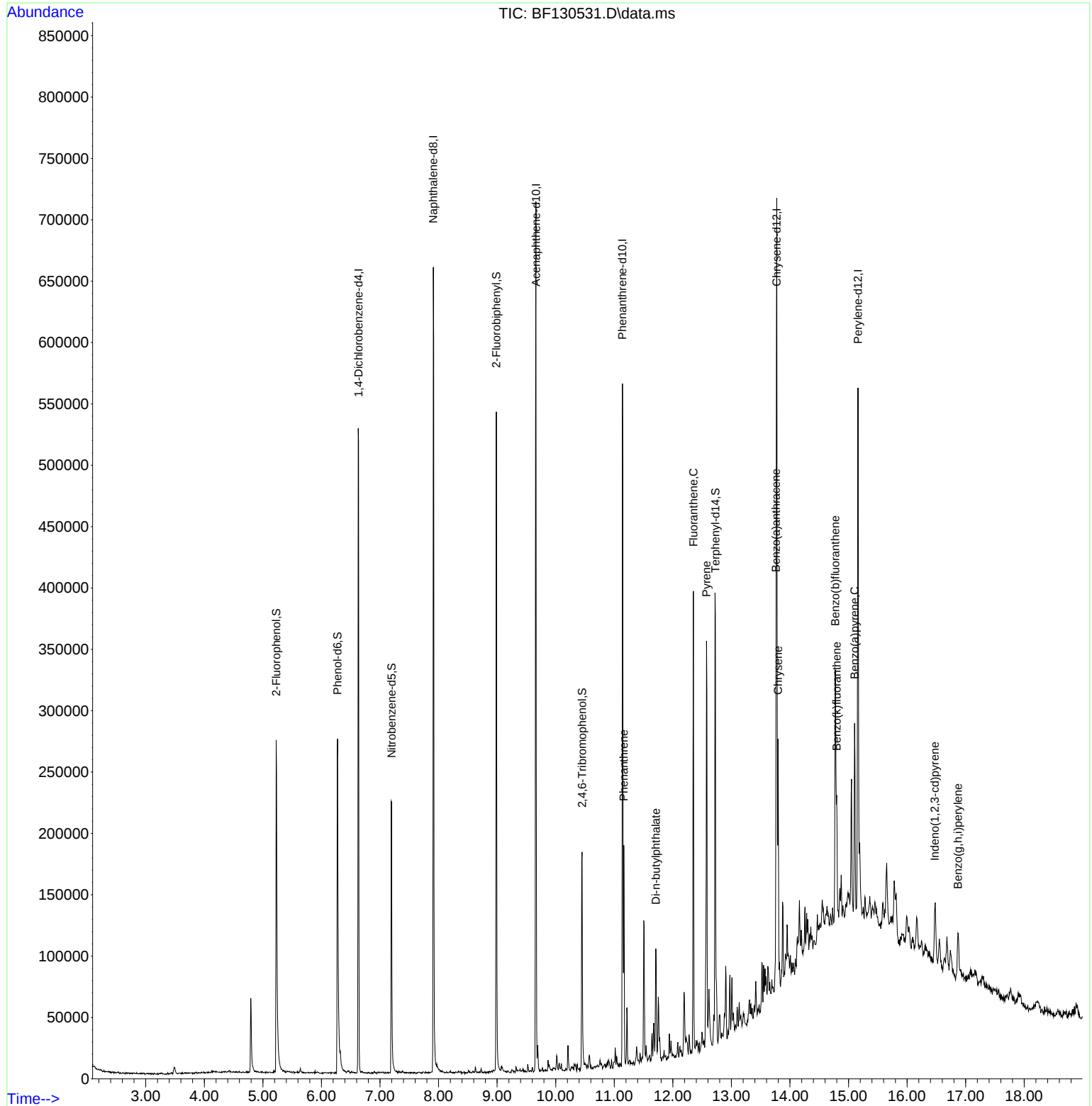
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
Data File : BF130531.D
Acq On : 05 Oct 2022 16:00
Operator : CG\JU
Sample : N4960-01 5X
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ALS Vial : 5 Sample Multiplier: 1

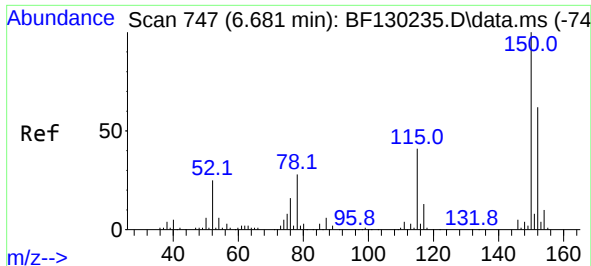
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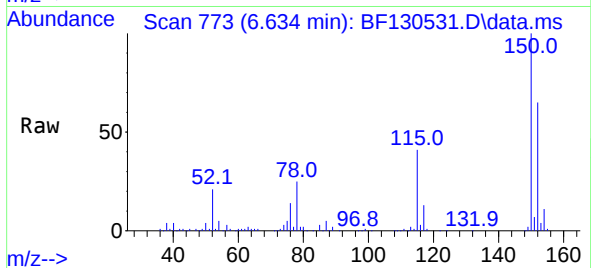
Quant Time: Oct 06 01:11:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 01:07:05 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

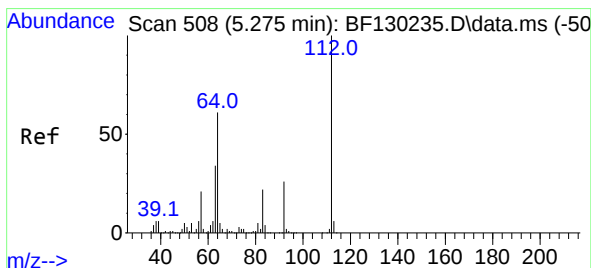
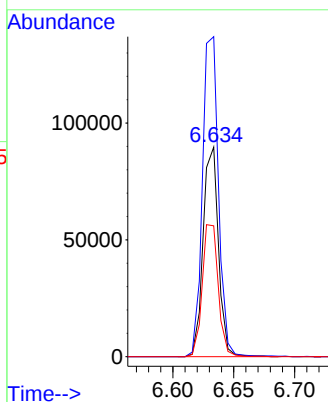
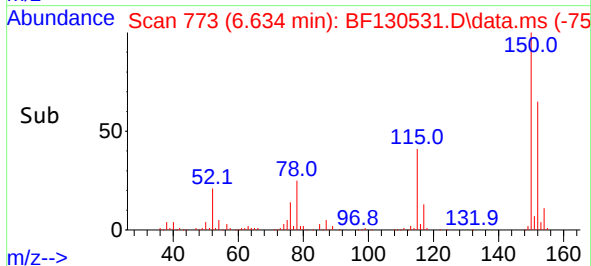
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322



Tgt Ion:152 Resp: 78580
Ion Ratio Lower Upper
152 100
150 152.7 122.8 184.2
115 62.5 53.8 80.8

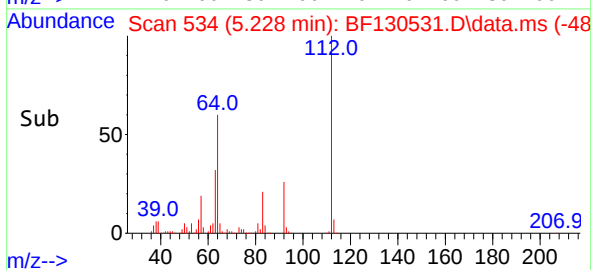
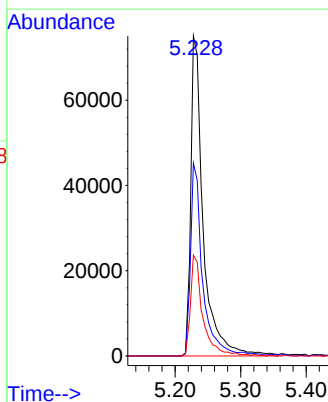
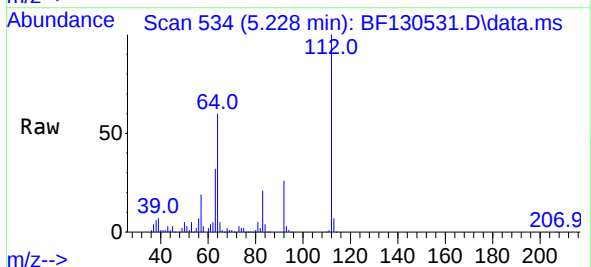
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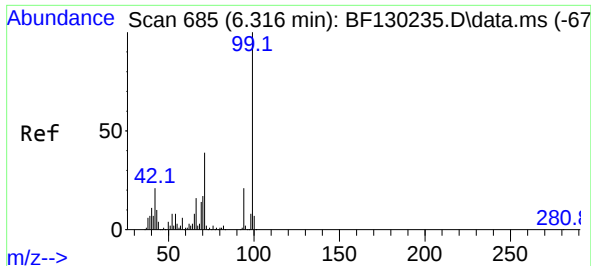
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#5
2-Fluorophenol
Concen: 21.950 ng
RT: 5.228 min Scan# 534
Delta R.T. -0.000 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

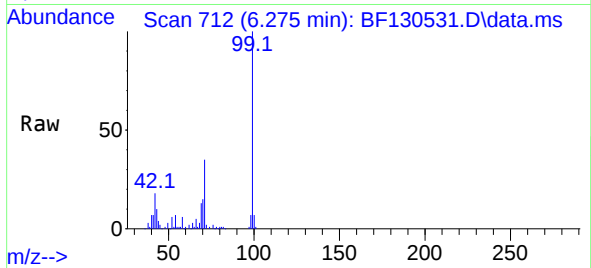
Tgt Ion:112 Resp: 99444
Ion Ratio Lower Upper
112 100
64 60.2 51.4 77.0
63 31.5 28.8 43.2





#7
Phenol-d6
Concen: 22.472 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

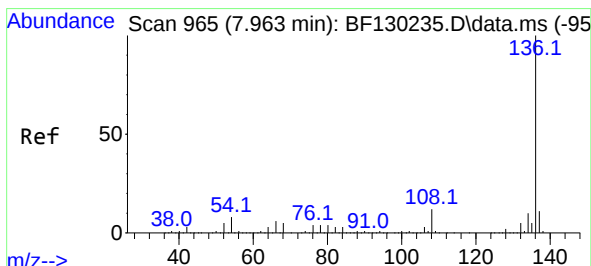
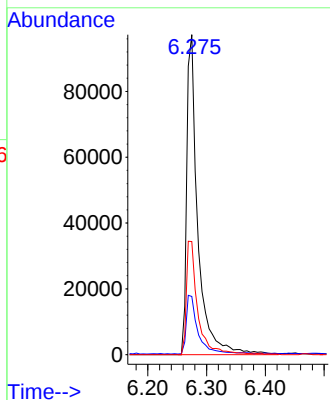
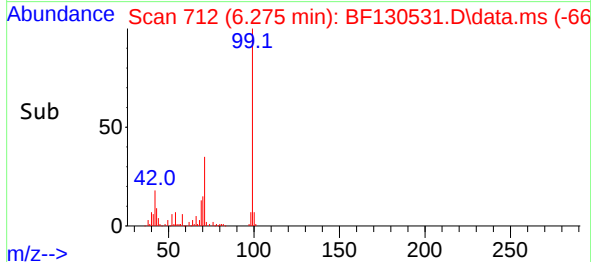
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Tgt Ion: 99 Resp: 127389
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 35.3 32.3 48.5

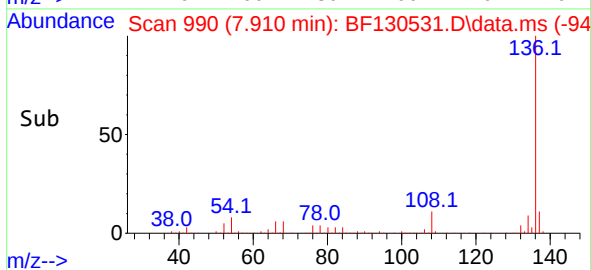
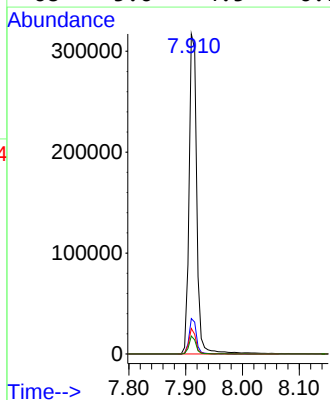
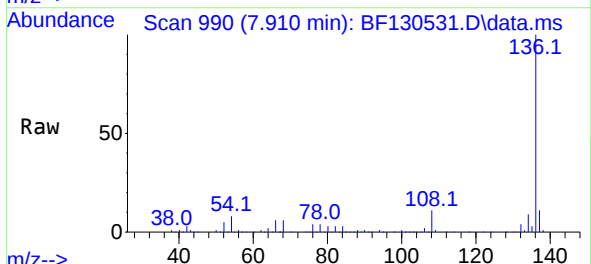
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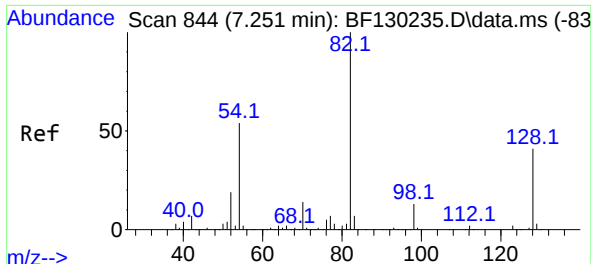
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

Tgt Ion:136 Resp: 298071
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.0 7.1 10.7
68 5.6 4.5 6.7





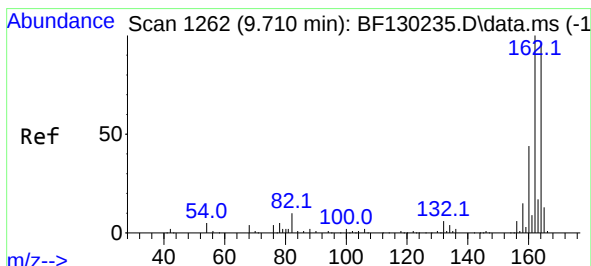
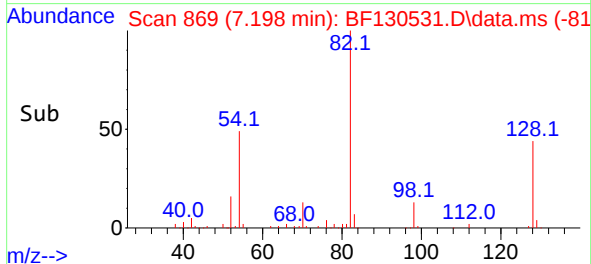
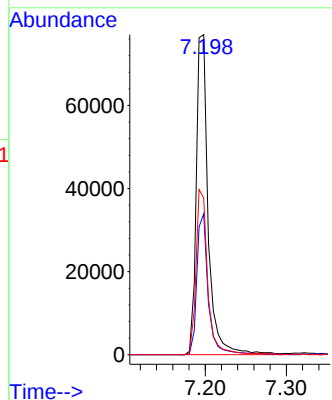
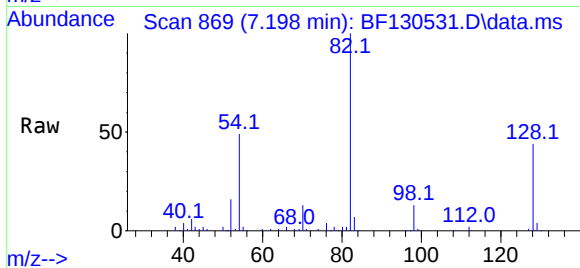
#23
Nitrobenzene-d5
Concen: 13.666 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322

Tgt Ion: 82 Resp: 79735
Ion Ratio Lower Upper
82 100
128 44.0 32.6 49.0
54 49.0 43.8 65.6

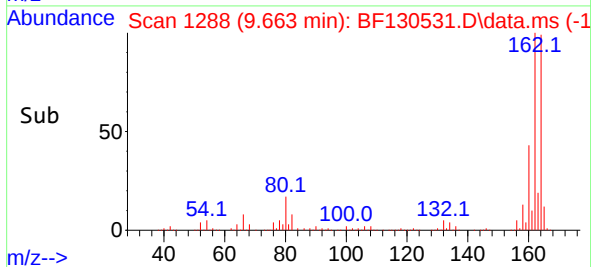
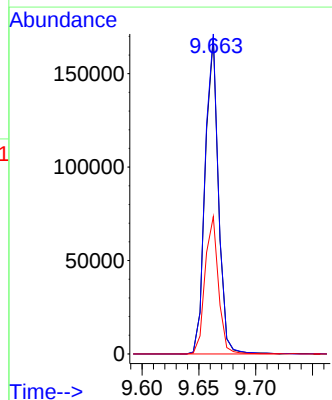
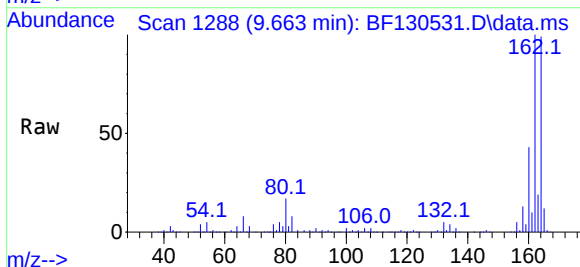
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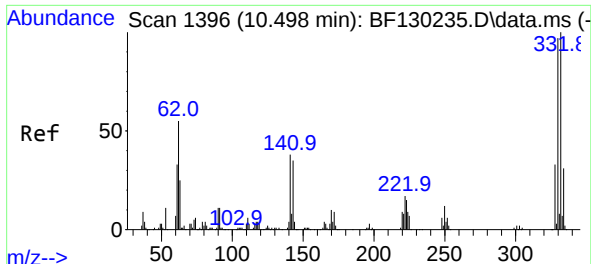
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

Tgt Ion:164 Resp: 136820
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.4 36.2 54.4





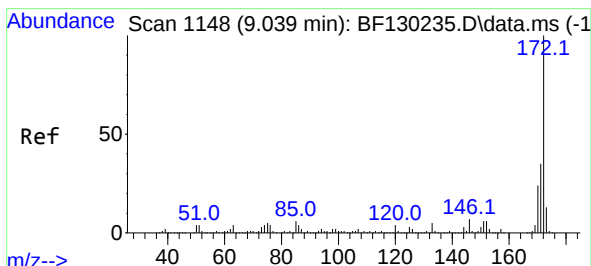
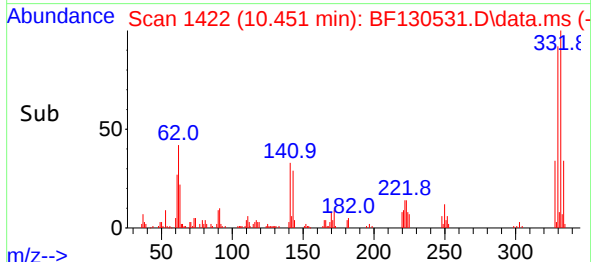
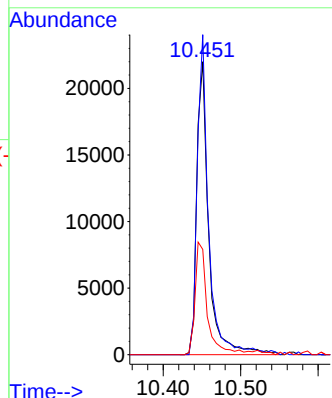
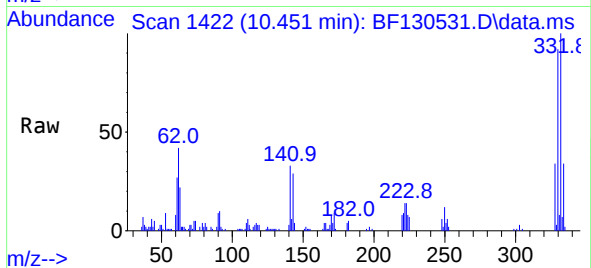
#42
2,4,6-Tribromophenol
Concen: 18.003 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322

Tgt Ion: 330 Resp: 2360
Ion Ratio Lower Upper
330 100
332 104.4 83.4 125.2
141 39.9 34.0 51.0

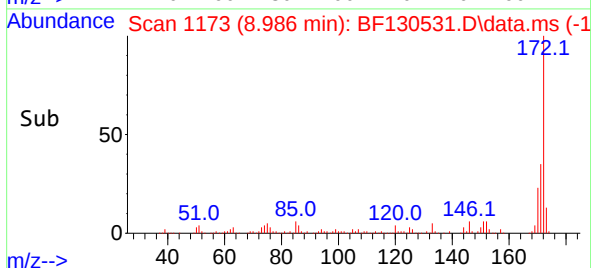
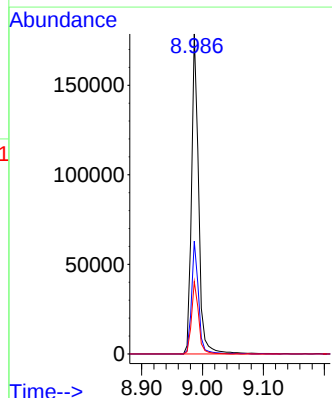
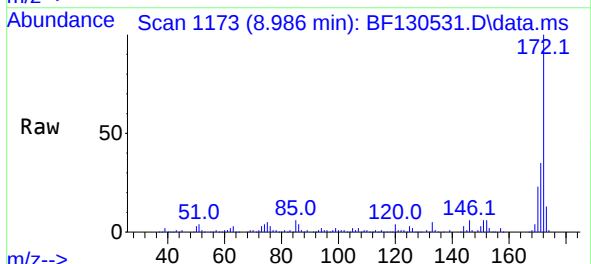
Manual Integrations
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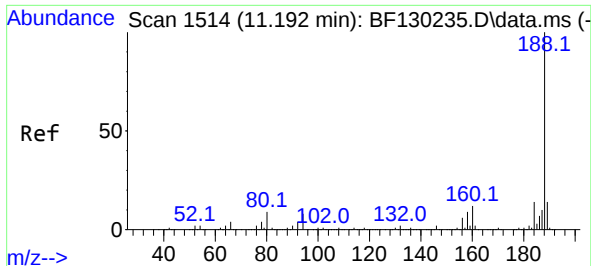
Reviewed By : Christian Giraldo 10/06/2022
Supervised By : mohammad ahmed 10/14/2022



#45
2-Fluorobiphenyl
Concen: 15.519 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

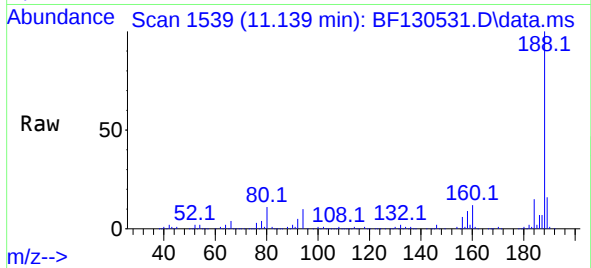
Tgt Ion: 172 Resp: 145815
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.6 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

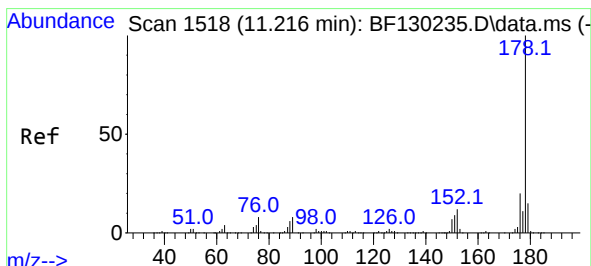
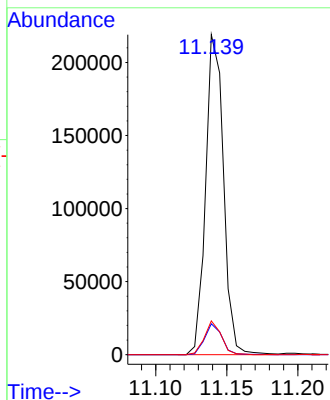
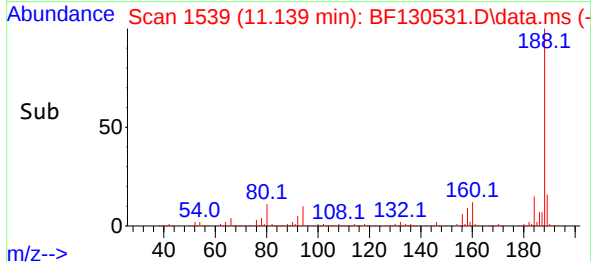
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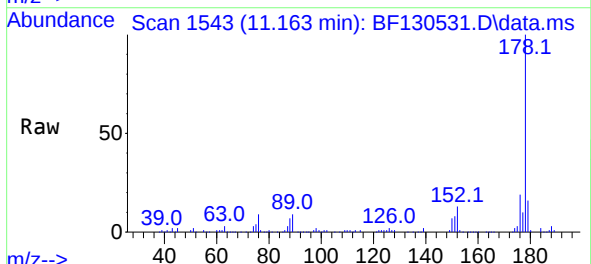
Tgt Ion:188 Resp: 191520
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.5 7.9 11.9

Manual Integrations
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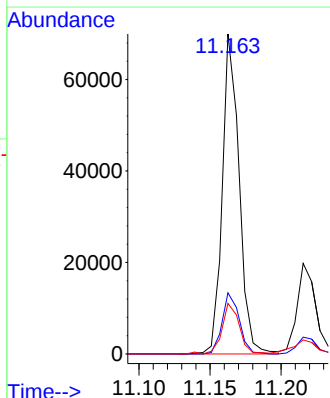
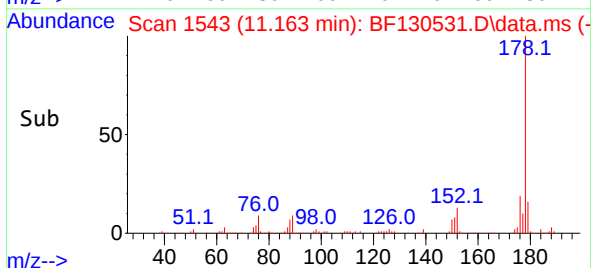
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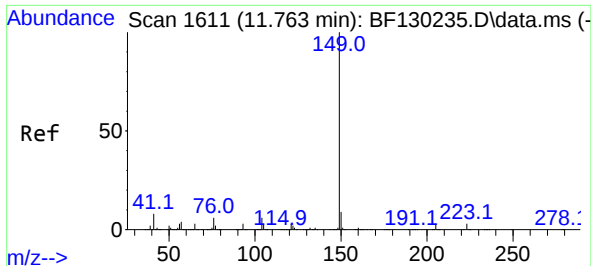


#71
Phenanthrene
Concen: 5.348 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00



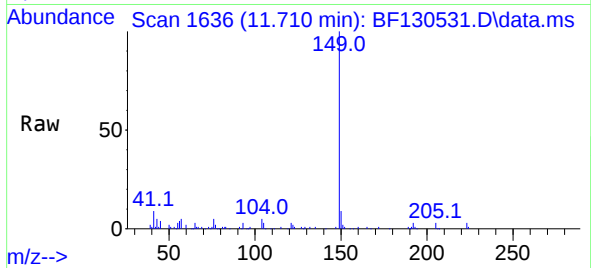
Tgt Ion:178 Resp: 57505
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.8 12.4 18.6





#74
Di-n-butylphthalate
Concen: 4.775 ng
RT: 11.710 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

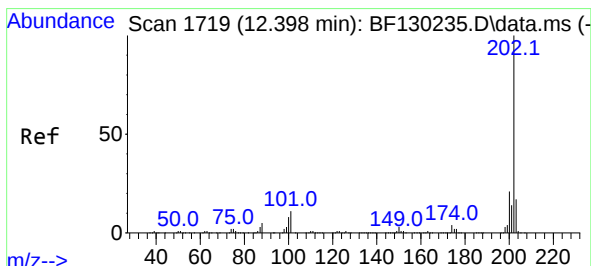
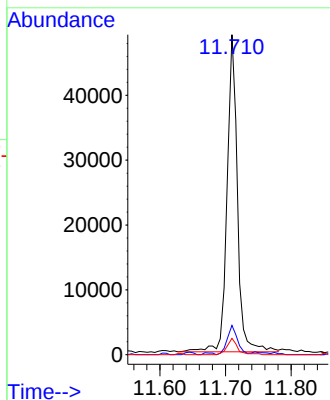
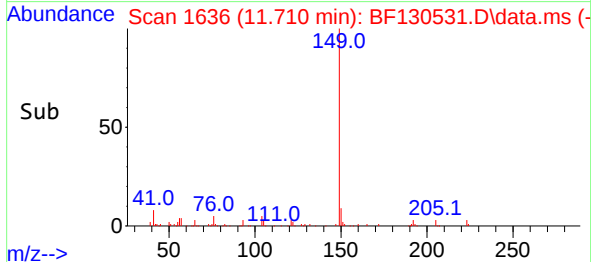
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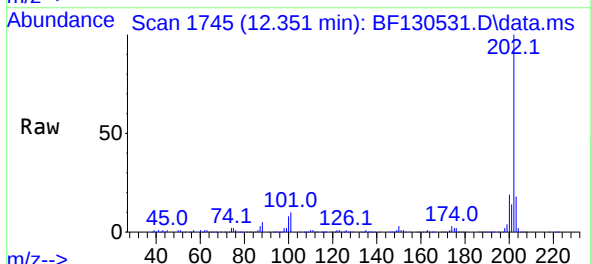
Tgt Ion:149 Resp: 5392
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.1 4.8 7.2

Manual Integrations
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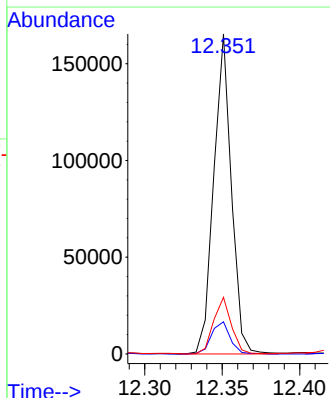
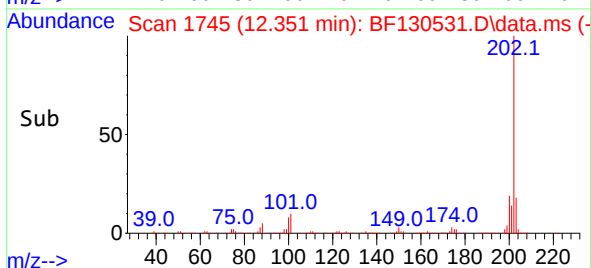
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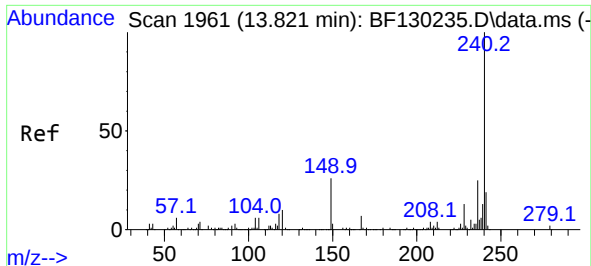


#75
Fluoranthene
Concen: 12.598 ng
RT: 12.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00



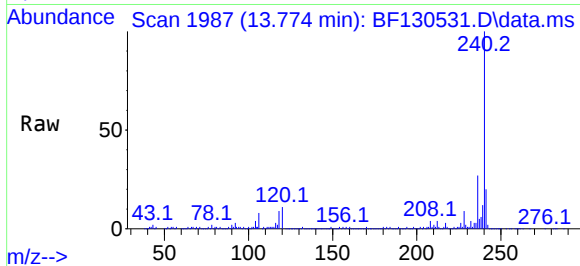
Tgt Ion:202 Resp: 130897
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.7 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

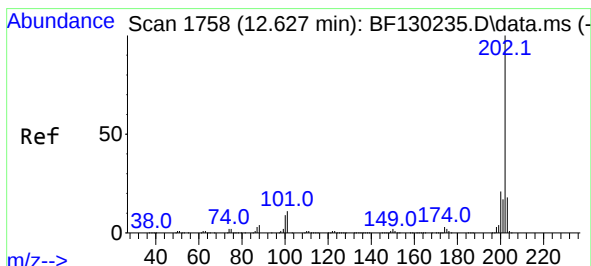
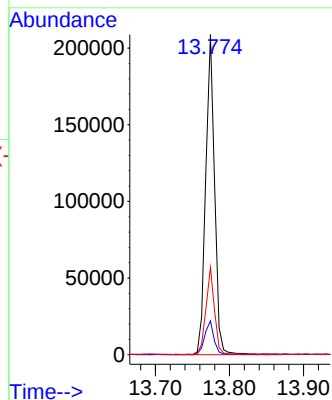
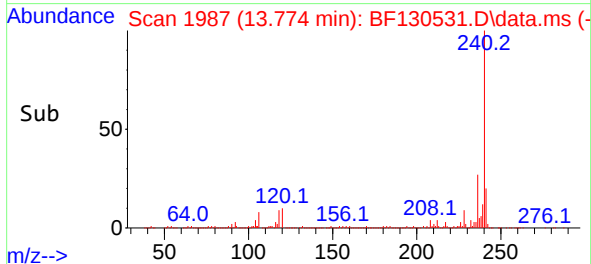
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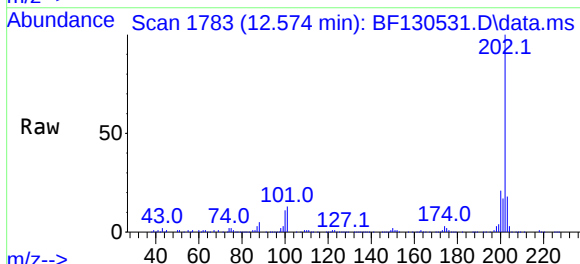
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Ion Ratio Lower Upper
240 100
120 10.6 8.7 13.1
236 27.3 20.9 31.3

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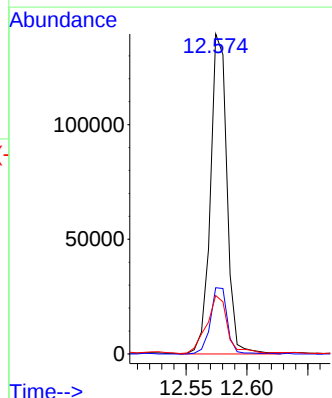
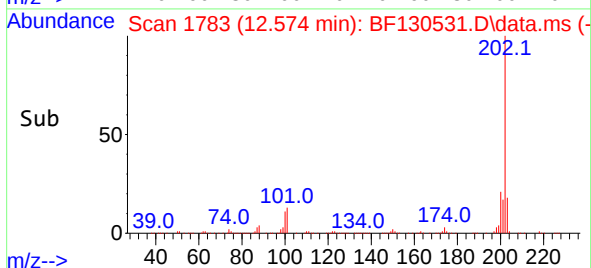
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

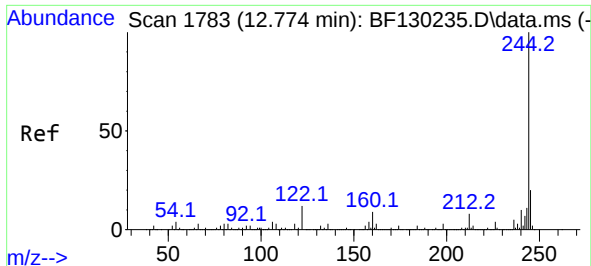


#78
Pyrene
Concen: 8.561 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00



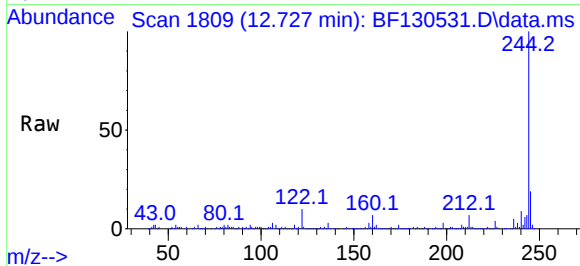
Tgt Ion:202 Resp: 131515
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 18.3 14.3 21.5





#79
Terphenyl-d14
Concen: 11.180 ng
RT: 12.727 min Scan# 11851
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

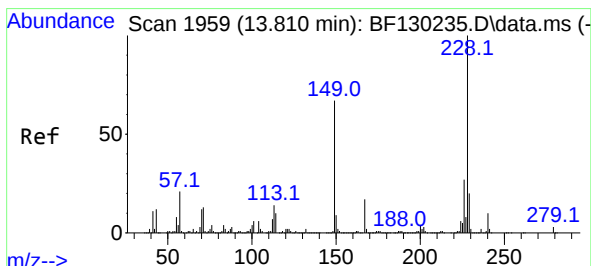
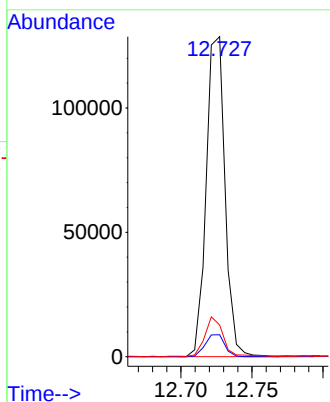
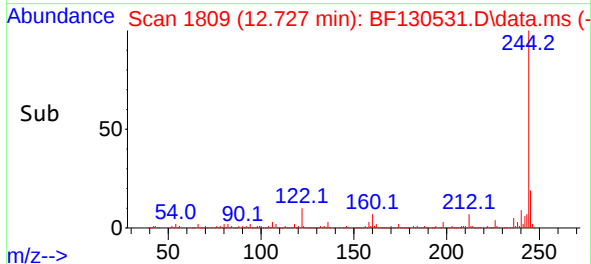
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322



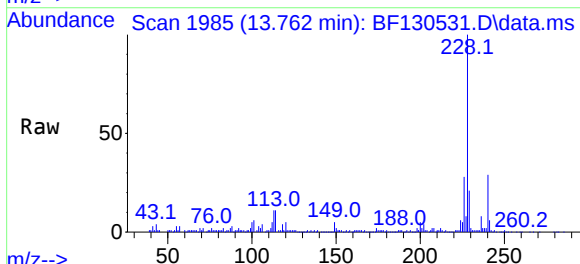
Tgt Ion:244 Resp: 11851
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.9 8.5 12.7

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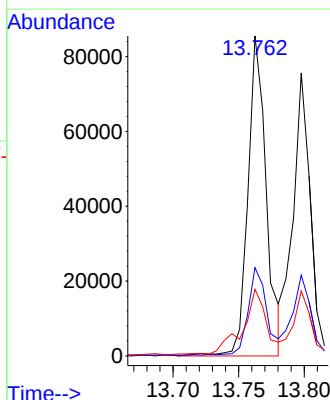
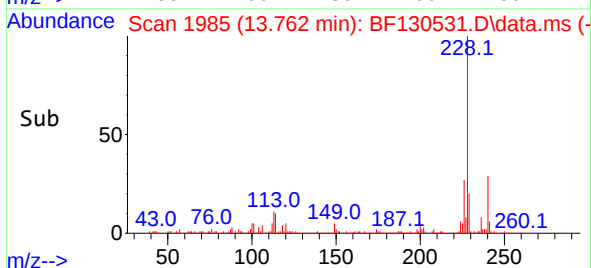
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

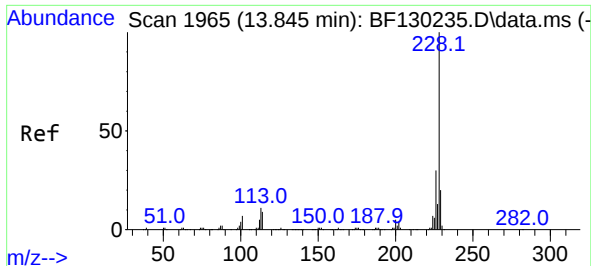


#81
Benzo(a)anthracene
Concen: 7.131 ng
RT: 13.762 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00



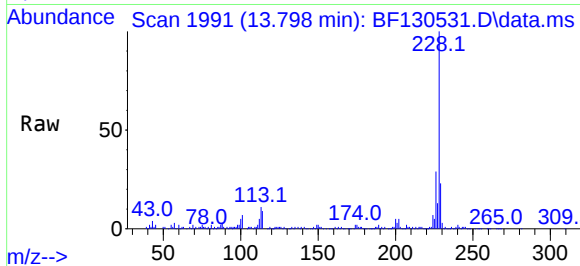
Tgt Ion:228 Resp: 83303
Ion Ratio Lower Upper
228 100
226 27.6 21.9 32.9
229 20.8 16.1 24.1





#83
Chrysene
Concen: 6.354 ng m
RT: 13.798 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

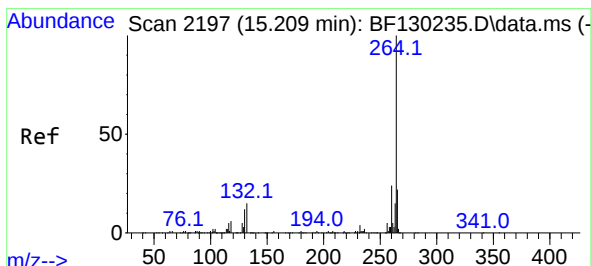
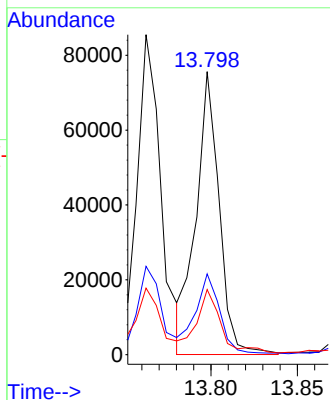
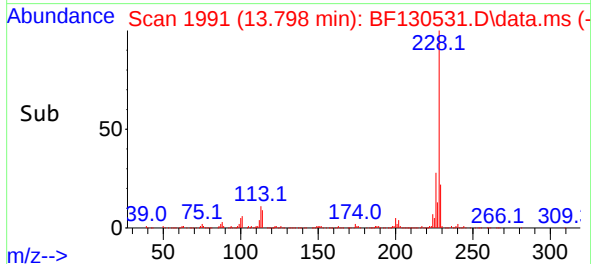
Instrument :
BNA_F
ClientSampleId :
PAT-01-100322



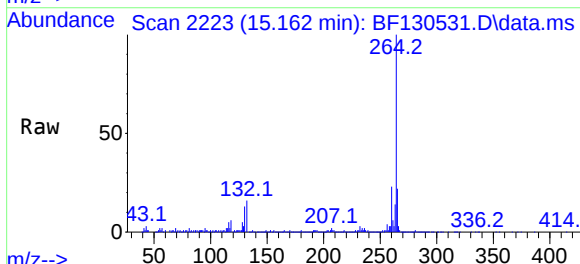
Tgt Ion:228 Resp: 7048
Ion Ratio Lower Upper
228 100
226 28.6 23.8 35.8
229 23.0 15.3 22.9

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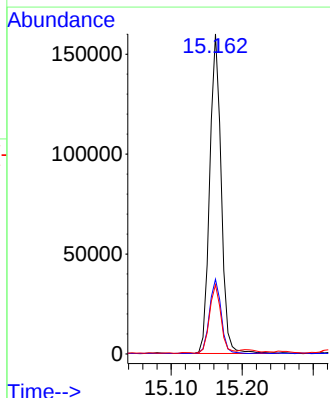
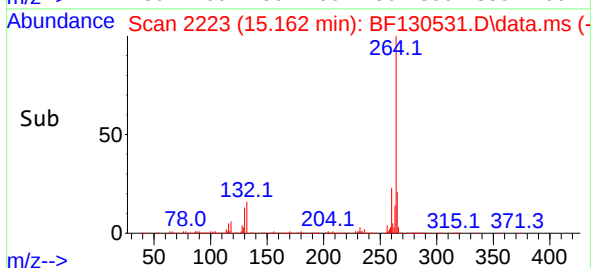
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

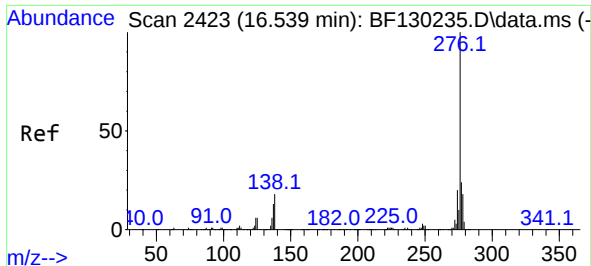


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.162 min Scan# 2223
Delta R.T. -0.000 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00



Tgt Ion:264 Resp: 179814
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.6 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.400 ng
RT: 16.474 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

Instrument :

BNA_F

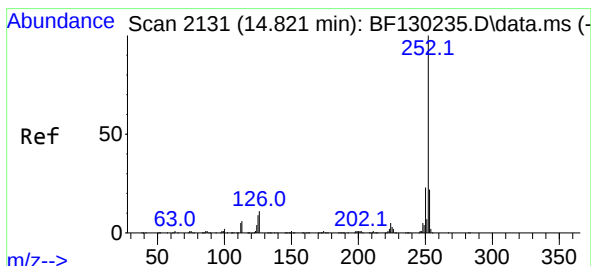
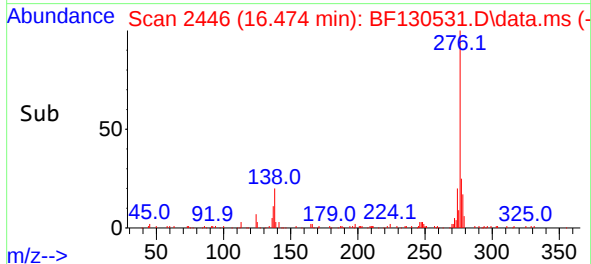
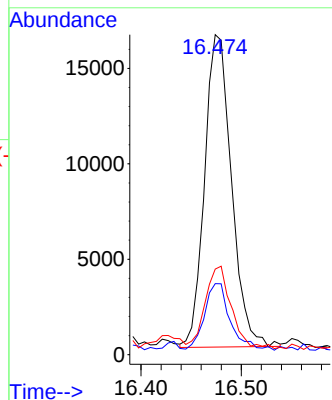
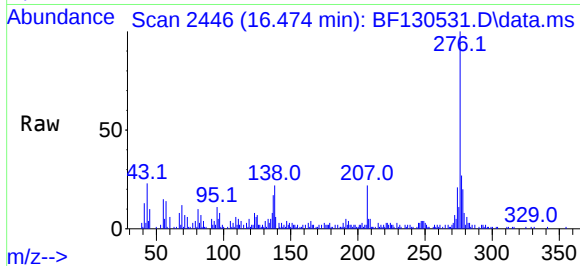
ClientSampleId :

PAT-01-100322

Tgt Ion:276 Resp: 30608
Ion Ratio Lower Upper
276 100
138 20.5 18.5 27.7
277 25.6 20.2 30.4

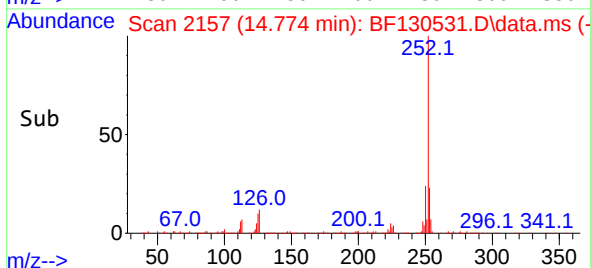
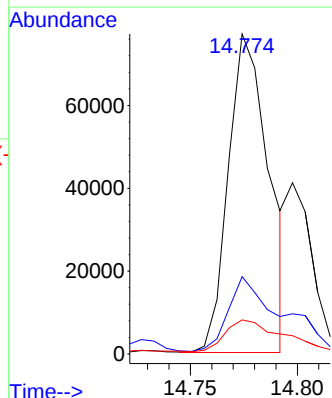
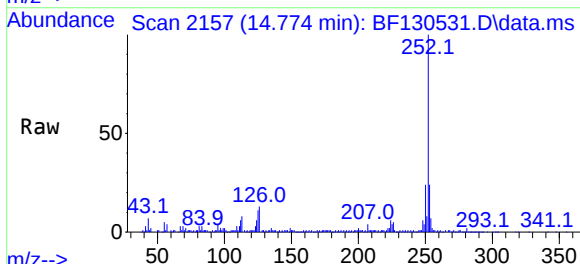
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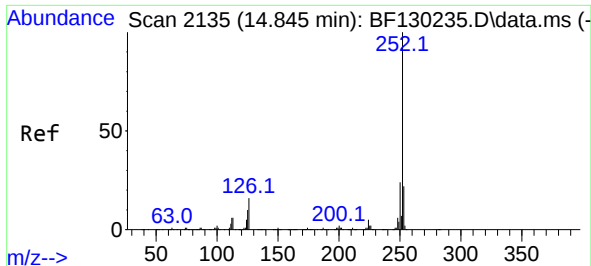
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#88
Benzo(b)fluoranthene
Concen: 8.625 ng m
RT: 14.774 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

Tgt Ion:252 Resp: 101224
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 10.7 8.1 12.1





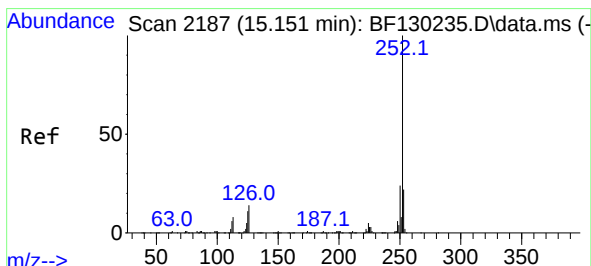
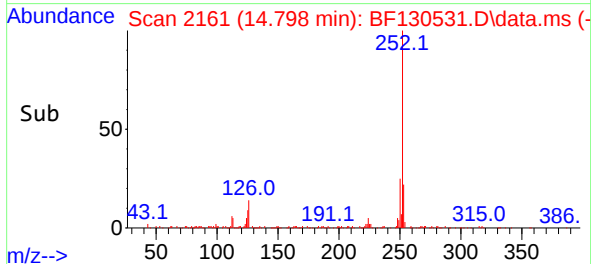
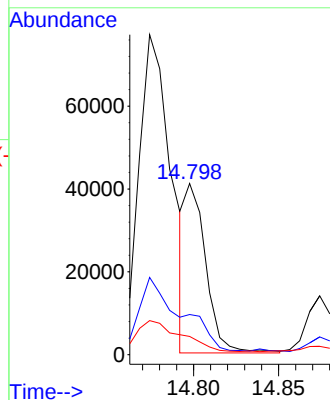
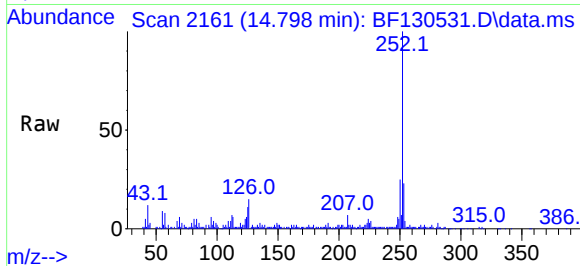
#89
Benzo(k)fluoranthene
Concen: 2.992 ng m
RT: 14.798 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322

Tgt Ion:252 Resp: 3454
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 10.7 7.9 11.9

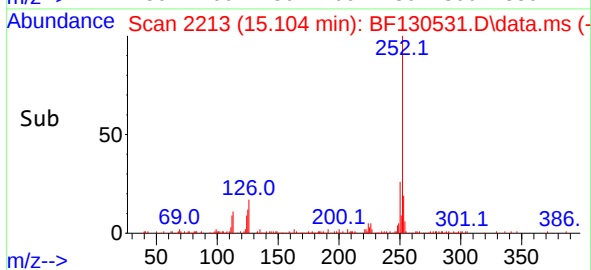
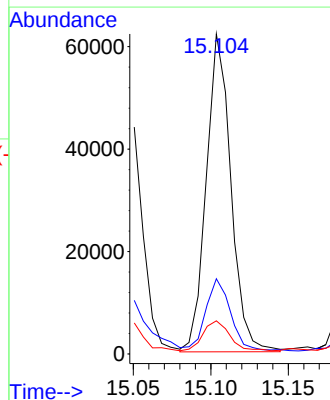
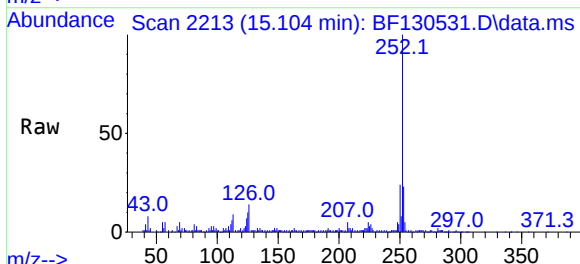
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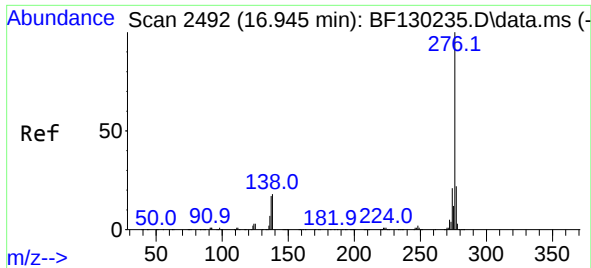
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022



#90
Benzo(a)pyrene
Concen: 7.400 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

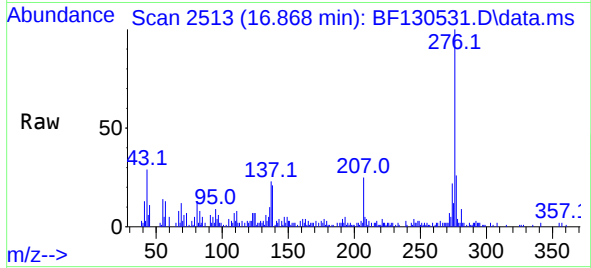
Tgt Ion:252 Resp: 68806
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 10.4 9.0 13.6





#92
Benzo(g,h,i)perylene
Concen: 2.711 ng
RT: 16.868 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130531.D
Acq: 05 Oct 2022 16:00

Instrument :
BNA_F
ClientSampleId :
PAT-01-100322



Tgt Ion: 276 Resp: 28572
Ion Ratio Lower Upper
276 100
277 25.9 18.6 27.8
138 20.9 14.6 21.8

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Supervised By : mohammad ahmed 10/14/2022

