

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128094.D
 Acq On : 05 May 2022 15:04
 Operator : CG\JU
 Sample : N2672-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 03

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 05 18:00:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	102315	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	400532	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	241581	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	445912	20.000	ng	0.00
76) Chrysene-d12	14.086	240	277102	20.000	ng	0.00
86) Perylene-d12	15.586	264	210213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	577982	89.977	ng	0.00
7) Phenol-d6	6.534	99	775573	93.049	ng	-0.01
23) Nitrobenzene-d5	7.469	82	553924	65.033	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	253355	104.179	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	949883	66.518	ng	0.00
79) Terphenyl-d14	13.027	244	1087158	71.740	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.463	178	219218	9.392	ng	98
72) Anthracene	11.510	178	48754	2.097	ng	99
75) Fluoranthene	12.657	202	391061	15.919	ng	96
78) Pyrene	12.886	202	479403	21.432	ng	100
81) Benzo(a)anthracene	14.074	228	168598	9.128	ng	97
83) Chrysene	14.110	228	145462	8.247	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	55811m	3.978	ng	
88) Benzo(b)fluoranthene	15.139	252	117060m	8.866	ng	
89) Benzo(k)fluoranthene	15.168	252	41888m	3.149	ng	
90) Benzo(a)pyrene	15.521	252	105339	9.618	ng	# 97
92) Benzo(g,h,i)perylene	17.568	276	60062	5.065	ng	99

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

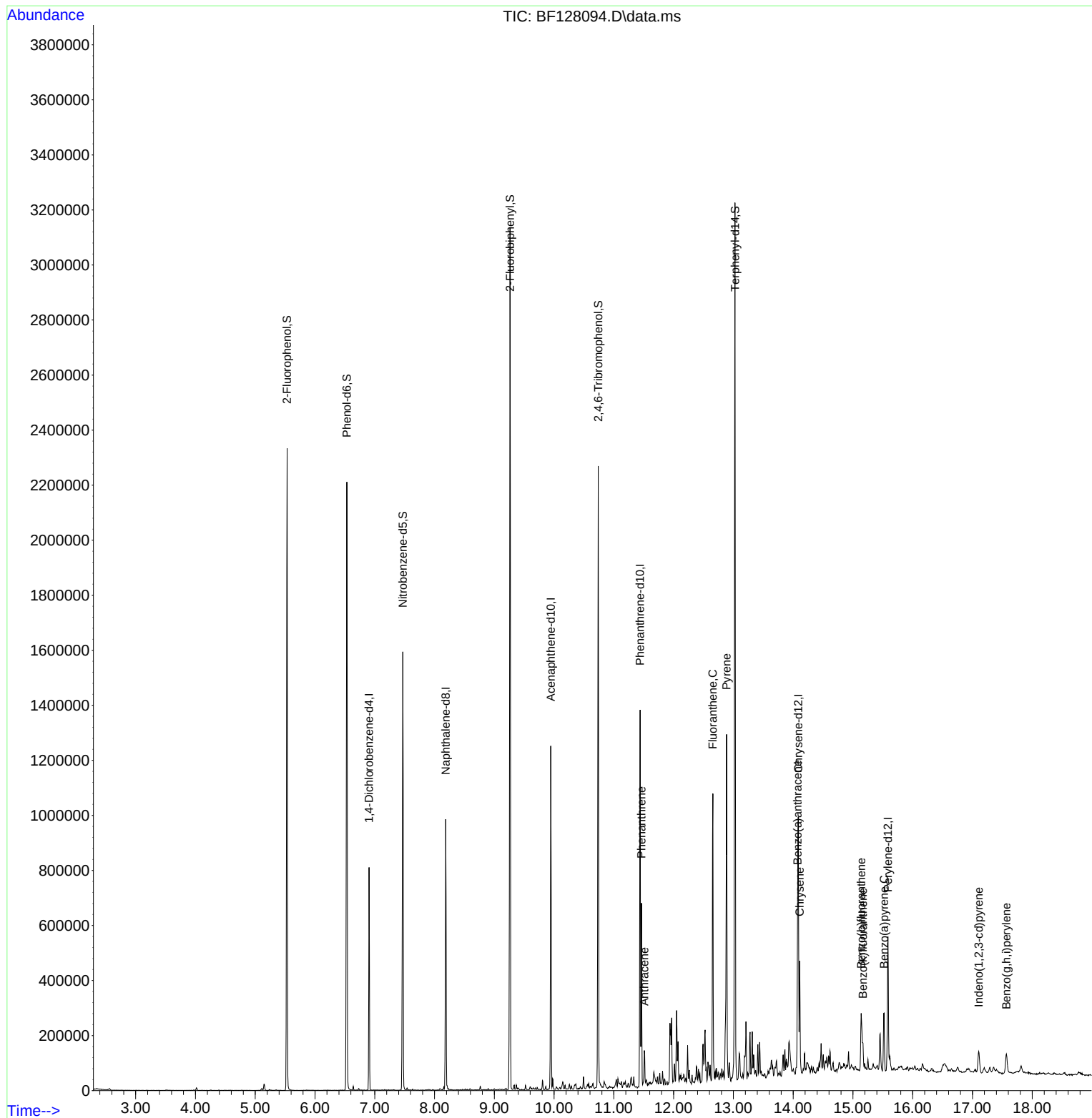
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128094.D
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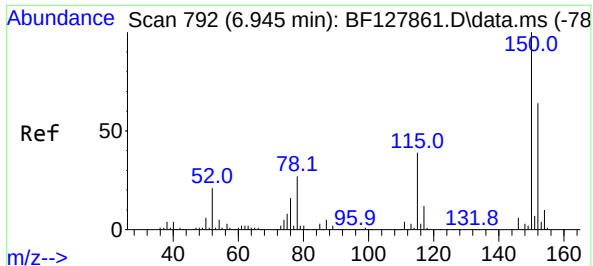
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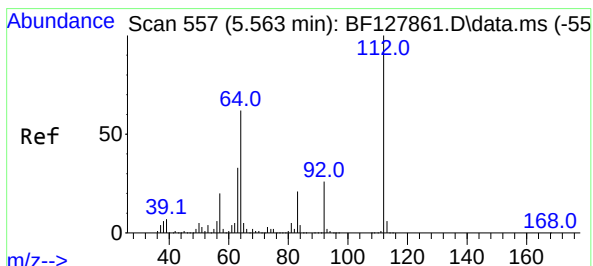
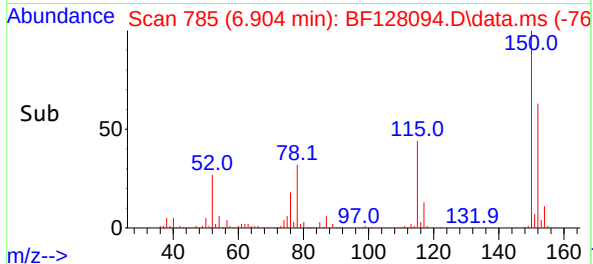
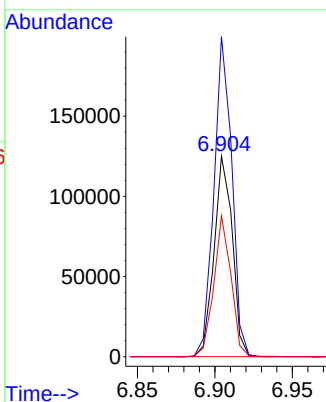
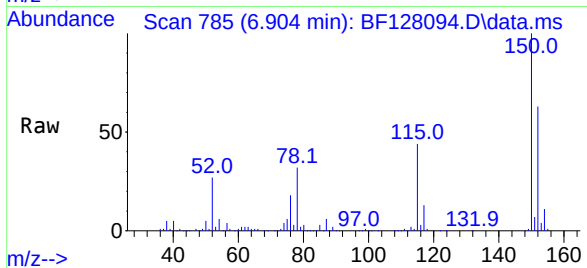
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

Instrument :
BNA_F
ClientSampleId :
03

Tgt Ion:152 Resp: 10231
Ion Ratio Lower Upper
152 100
150 159.7 125.3 187.9
115 70.2 48.8 73.2

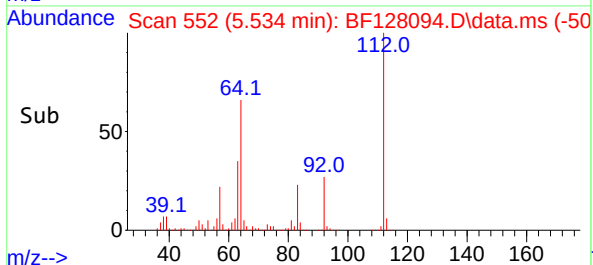
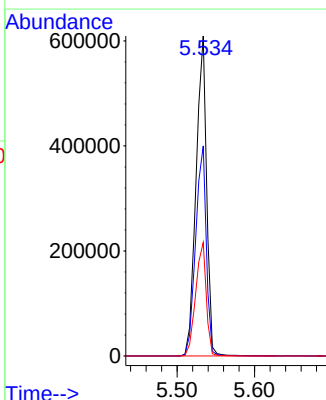
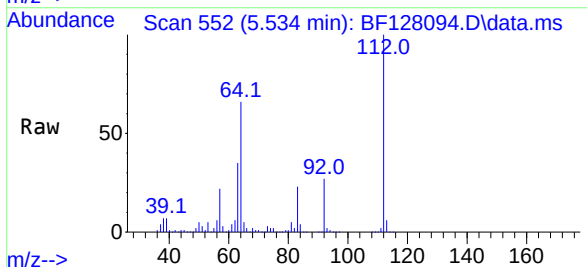
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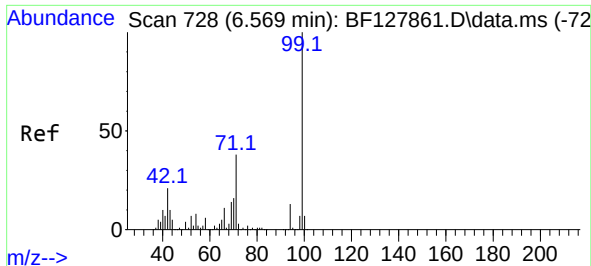
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#5
2-Fluorophenol
Concen: 89.977 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

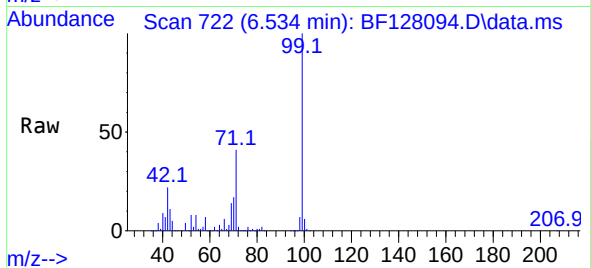
Tgt Ion:112 Resp: 577982
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 35.4 26.3 39.5





#7
Phenol-d6
Concen: 93.049 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

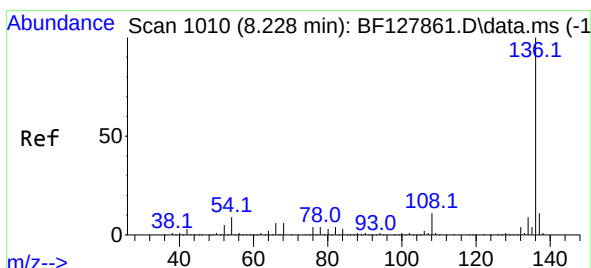
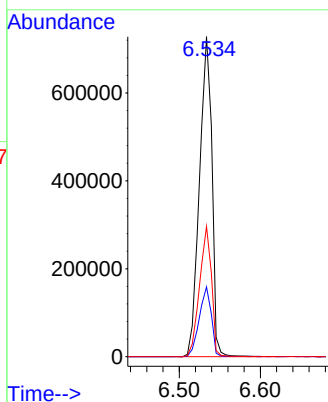
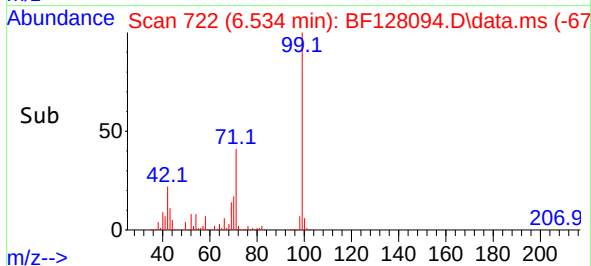
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 77557
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 40.7 30.0 45.0

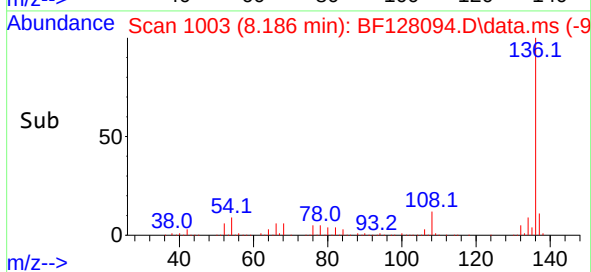
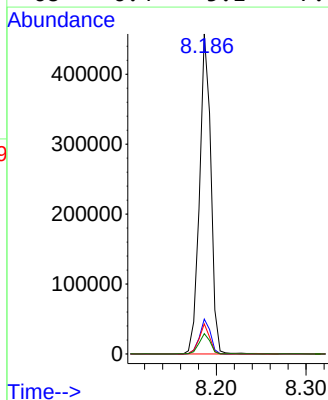
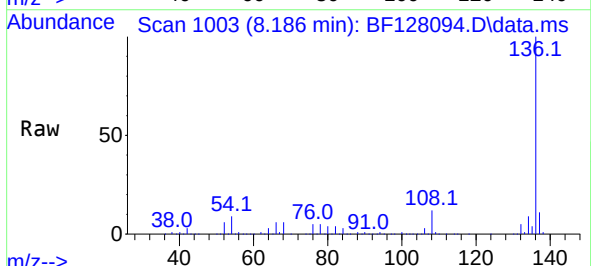
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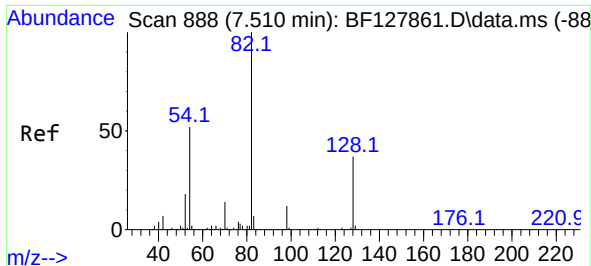
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

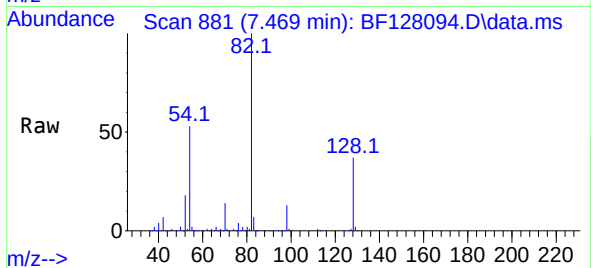
Tgt Ion:136 Resp: 400532
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.4 6.8 10.2
68 6.4 5.1 7.7





#23
Nitrobenzene-d5
Concen: 65.033 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

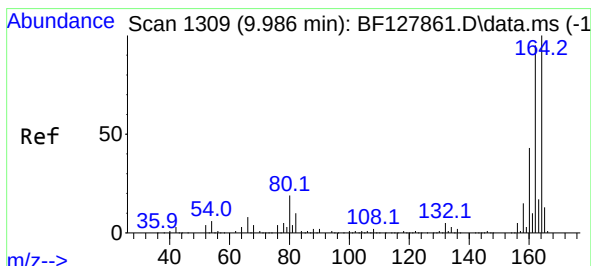
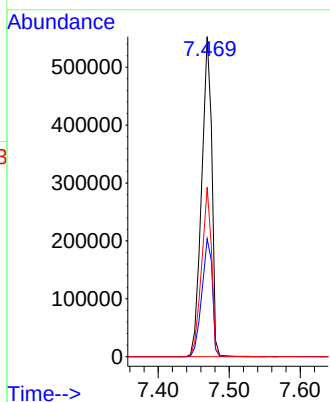
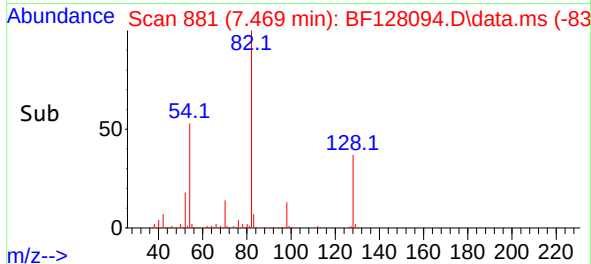
Instrument :
BNA_F
ClientSampleId :
03



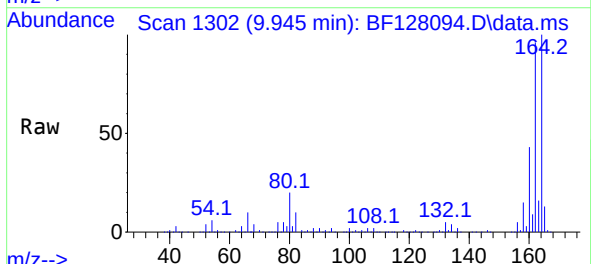
Tgt Ion: 82 Resp: 553924
Ion Ratio Lower Upper
82 100
128 36.9 30.0 45.0
54 53.0 41.3 61.9

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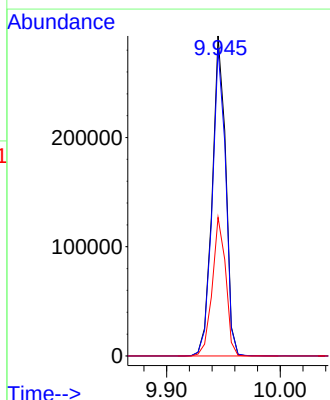
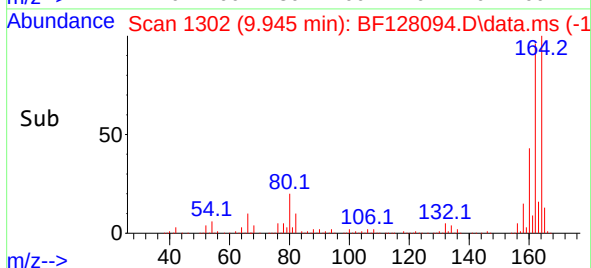
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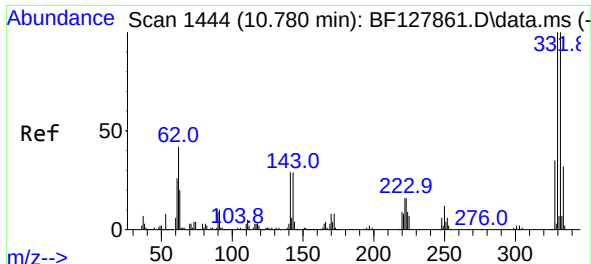


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04



Tgt Ion:164 Resp: 241581
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 43.3 34.8 52.2





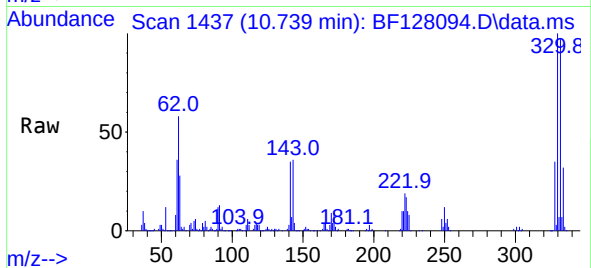
#42
2,4,6-Tribromophenol
Concen: 104.179 ng
RT: 10.739 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

Instrument :

BNA_F

ClientSampleId :

03

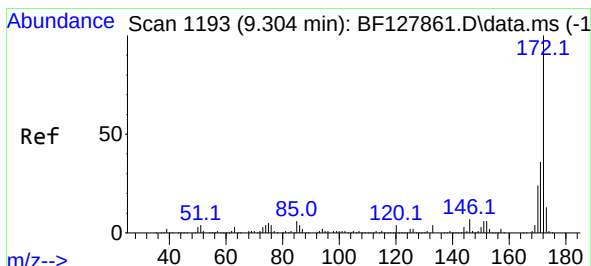
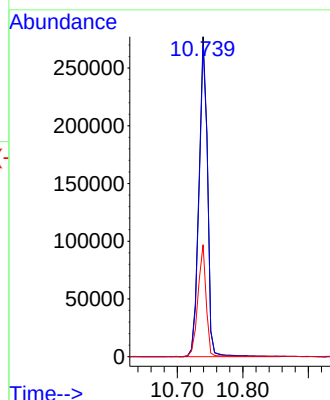
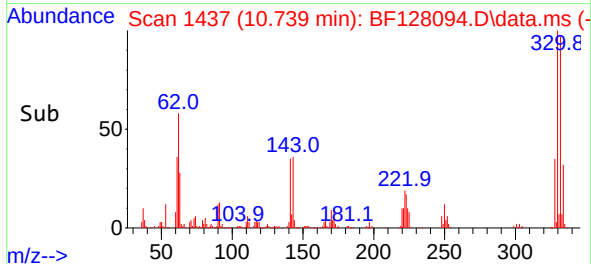


Tgt Ion:330 Resp: 253358
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 33.3 28.9 43.3

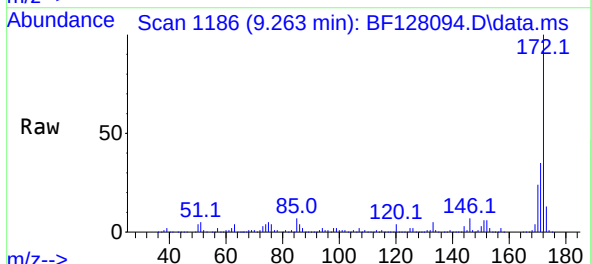
Manual Integrations

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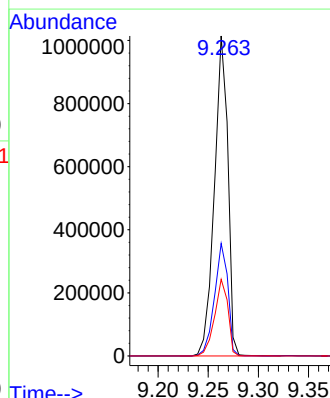
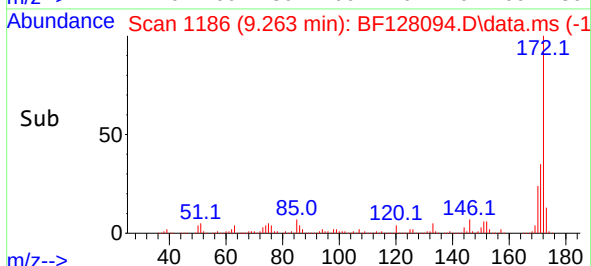
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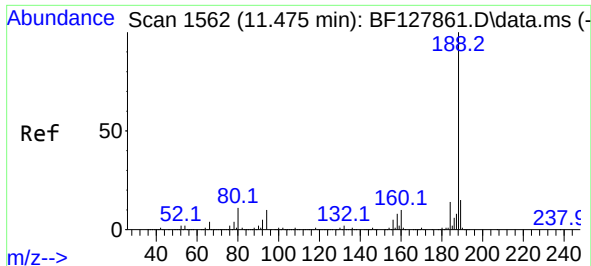


#45
2-Fluorobiphenyl
Concen: 66.518 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04



Tgt Ion:172 Resp: 949883
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.0 19.1 28.7





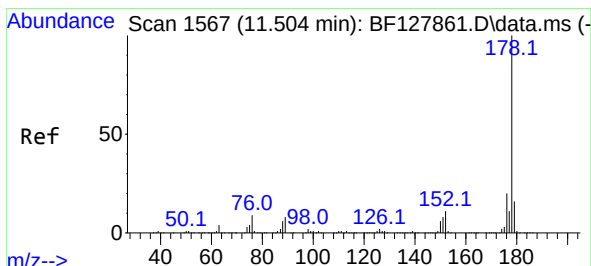
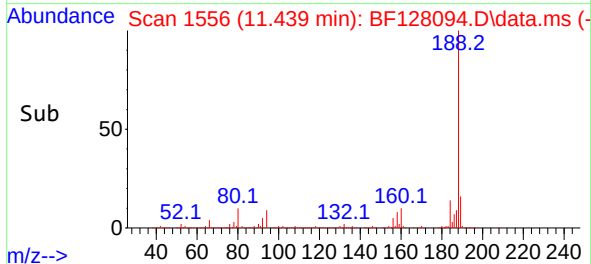
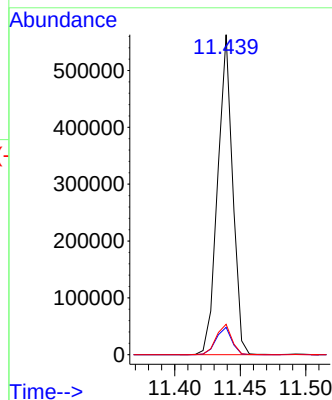
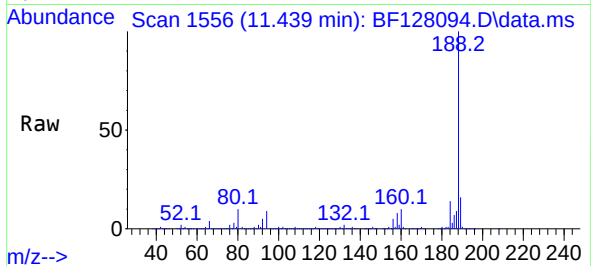
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

Instrument :
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ClientSampleId :
03

Tgt Ion:188 Resp: 445912
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.5 8.9 13.3

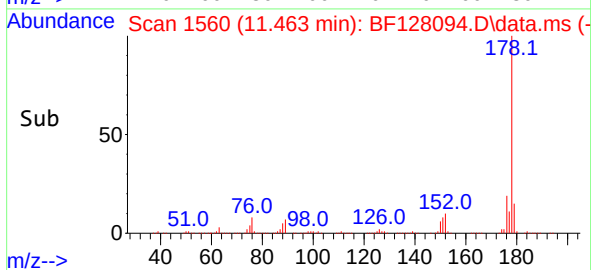
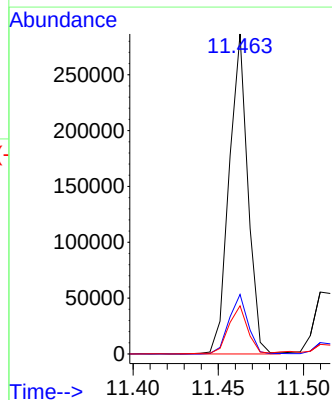
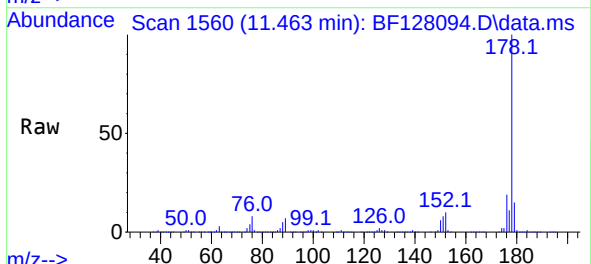
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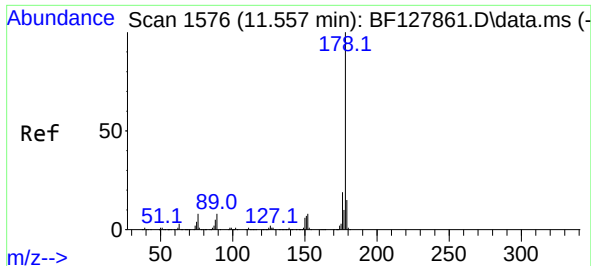
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#71
Phenanthrene
Concen: 9.392 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

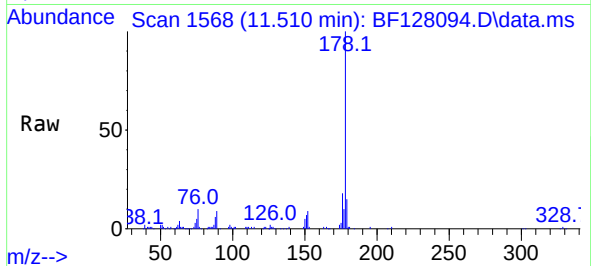
Tgt Ion:178 Resp: 219218
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.0 12.6 19.0





#72
 Anthracene
 Concen: 2.097 ng
 RT: 11.510 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128094.D
 Acq: 05 May 2022 15:04

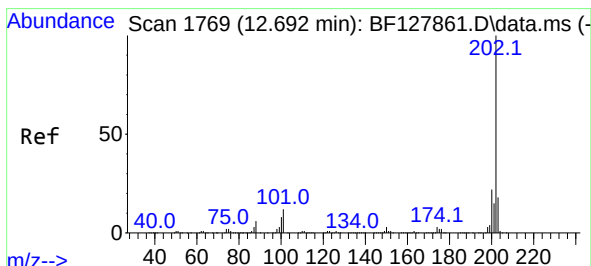
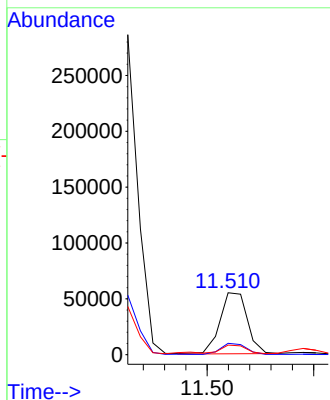
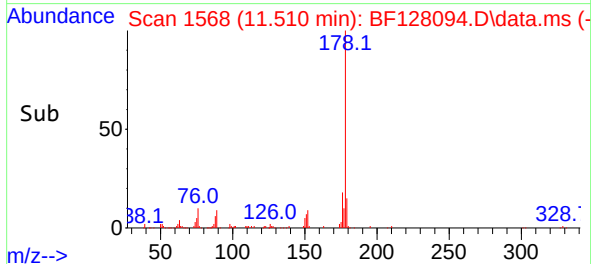
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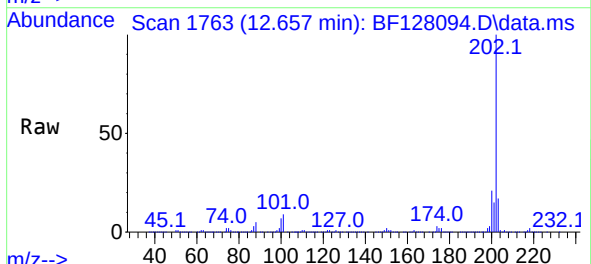
Tgt Ion:178 Resp: 48754
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.6
 179 15.5 12.4 18.6

Manual Integrations
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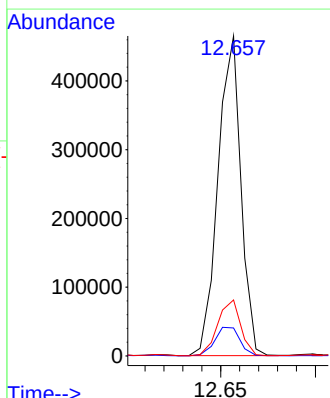
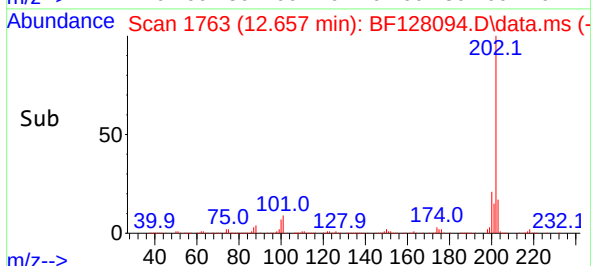
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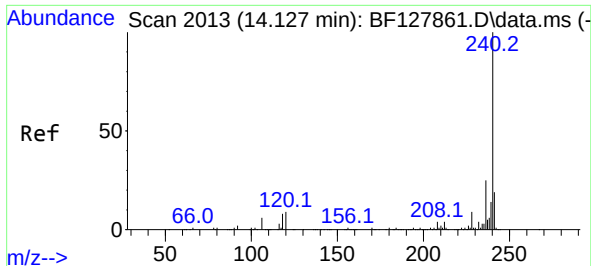


#75
 Fluoranthene
 Concen: 15.919 ng
 RT: 12.657 min Scan# 1763
 Delta R.T. -0.006 min
 Lab File: BF128094.D
 Acq: 05 May 2022 15:04



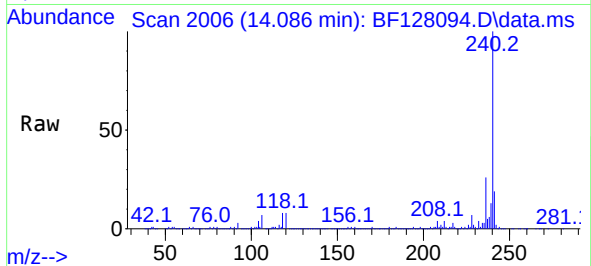
Tgt Ion:202 Resp: 391061
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 31.6
 203 17.5 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

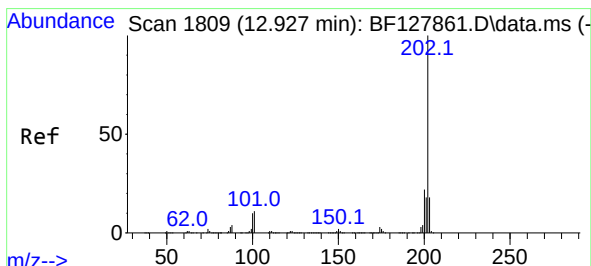
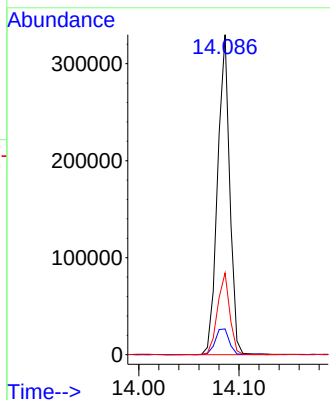
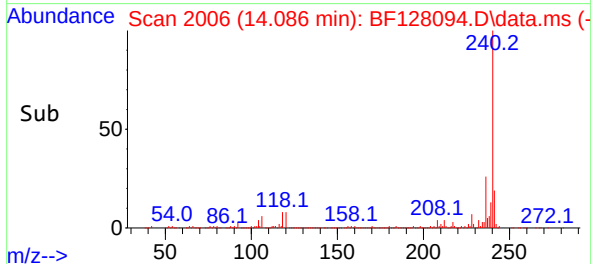
Instrument :
BNA_F
ClientSampleId :
03



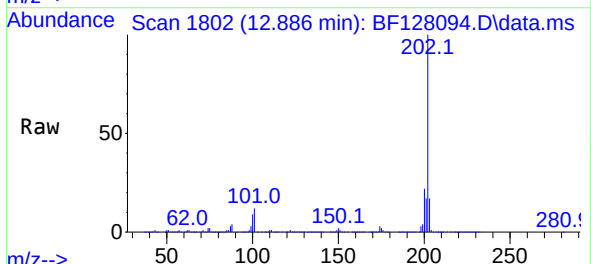
Tgt Ion:240 Resp: 277102
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.6 20.3 30.5

Manual Integrations
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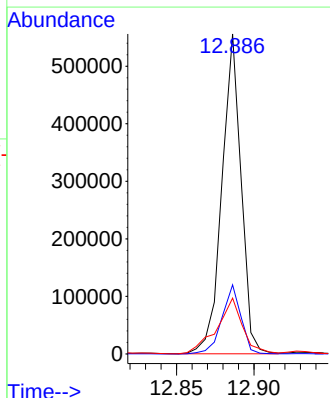
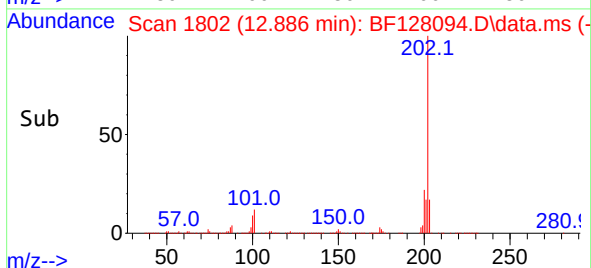
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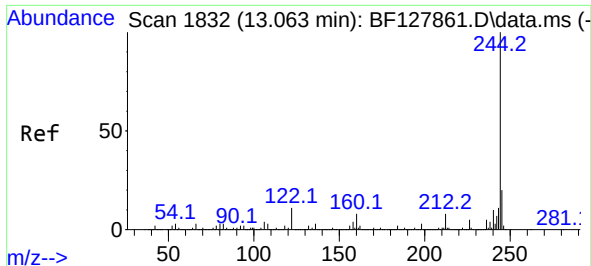


#78
Pyrene
Concen: 21.432 ng
RT: 12.886 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04



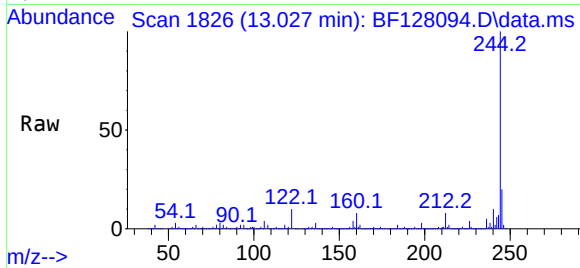
Tgt Ion:202 Resp: 479403
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 71.740 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128094.D
 Acq: 05 May 2022 15:04

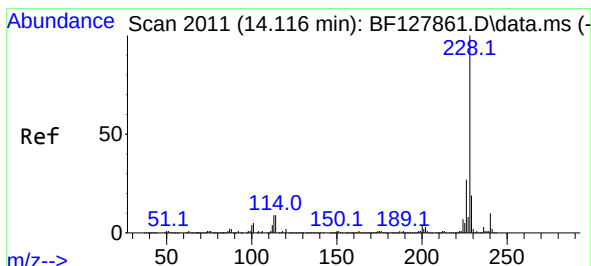
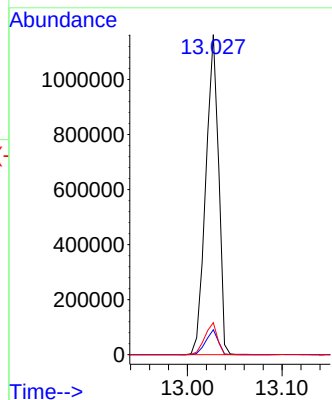
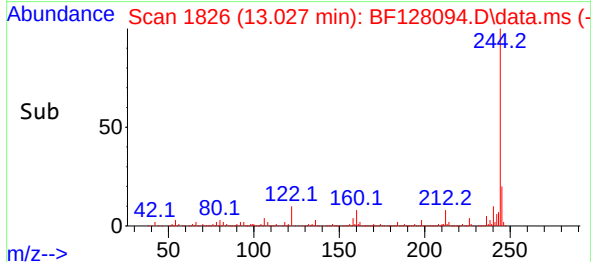
Instrument :
 BNA_F
 ClientSampleId :
 03



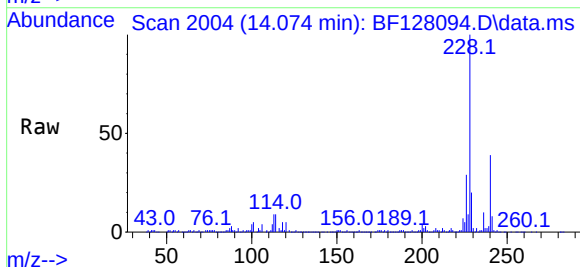
Tgt Ion:244 Resp: 1087158
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.0 8.6 12.8

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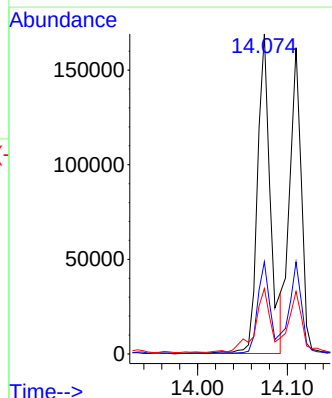
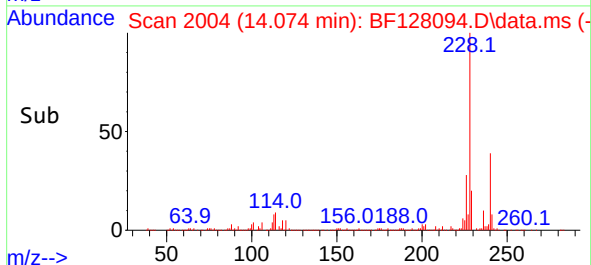
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

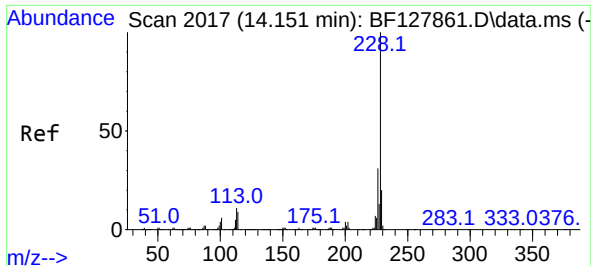


#81
 Benzo(a)anthracene
 Concen: 9.128 ng
 RT: 14.074 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: BF128094.D
 Acq: 05 May 2022 15:04



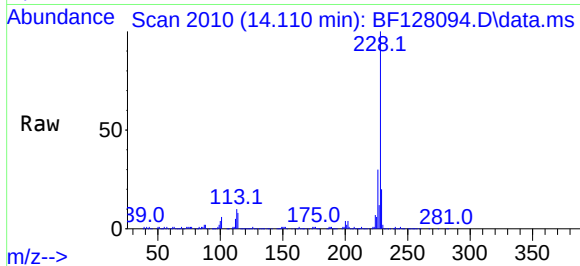
Tgt Ion:228 Resp: 168598
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.7 32.5
 229 20.5 15.4 23.2





#83
Chrysene
Concen: 8.247 ng
RT: 14.110 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

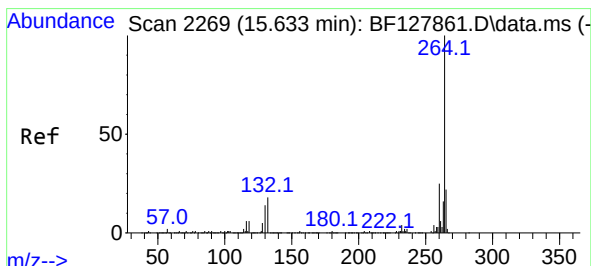
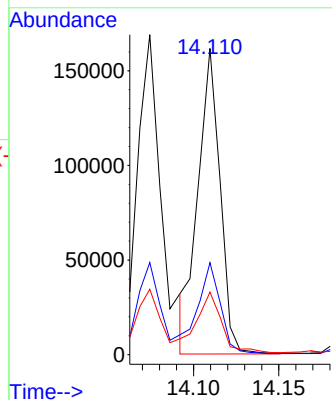
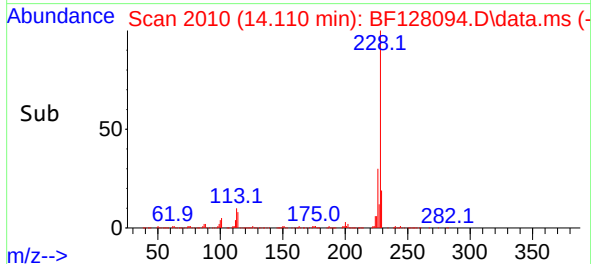
Instrument :
BNA_F
ClientSampleId :
03



Tgt Ion: 228 Resp: 145462
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 20.4 15.8 23.8

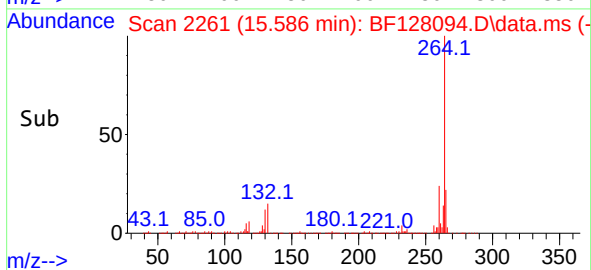
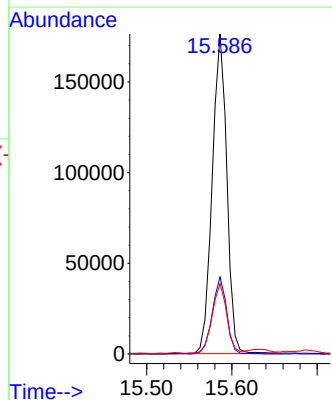
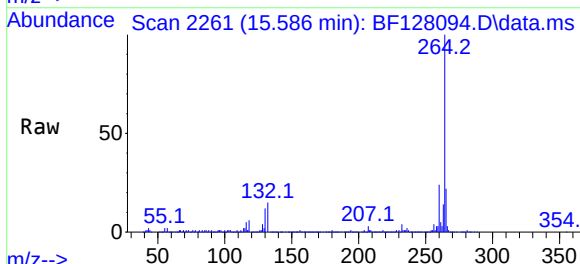
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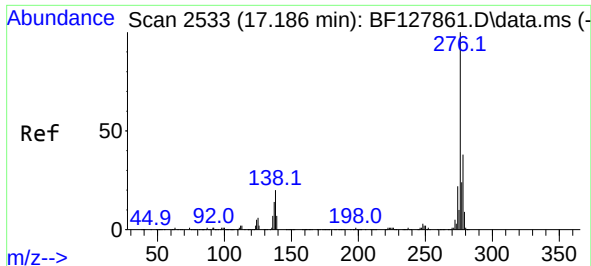
Reviewed By : Christian Giraldo 05/06/2022
Supervised By : mohammad ahmed 05/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

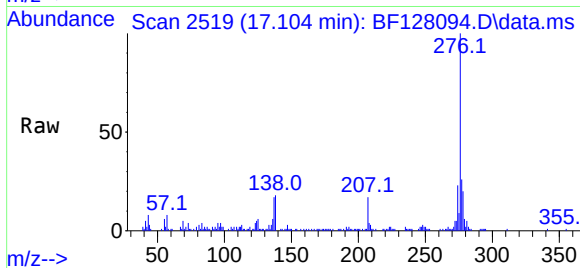
Tgt Ion: 264 Resp: 210213
Ion Ratio Lower Upper
264 100
260 24.0 20.1 30.1
265 22.0 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.978 ng m
RT: 17.104 min Scan# 2185
Delta R.T. -0.023 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

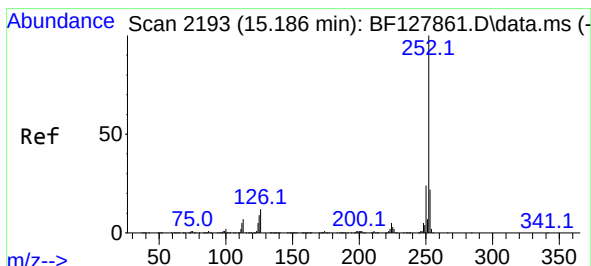
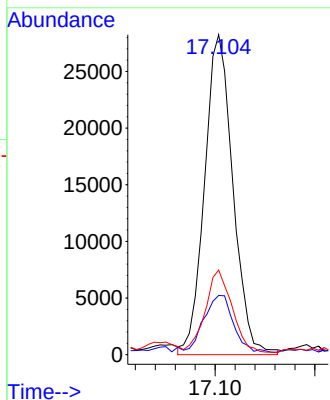
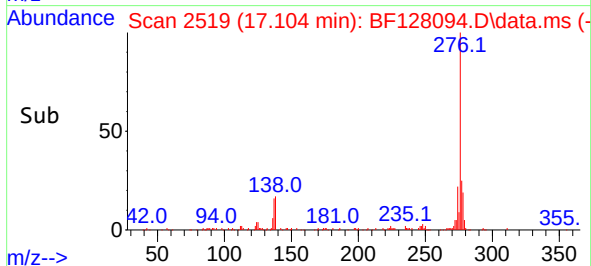
Instrument :
BNA_F
ClientSampleId :
03



Tgt Ion:276 Resp: 5581
Ion Ratio Lower Upper
276 100
138 0.8 19.0 28.4
277 0.9 20.1 30.1

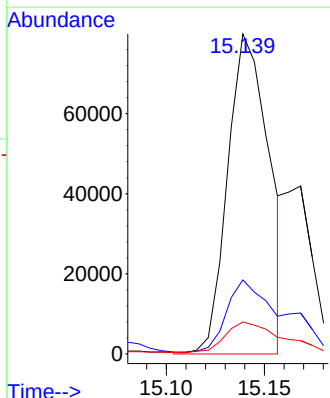
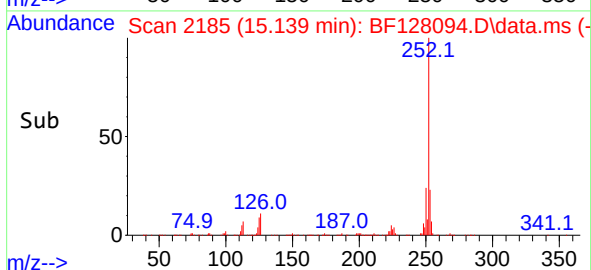
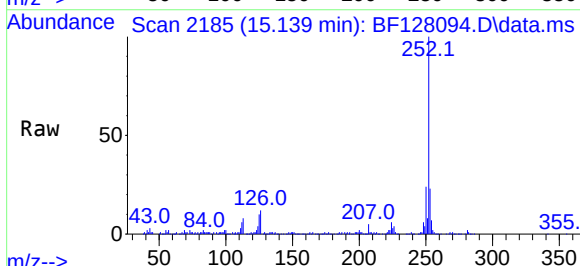
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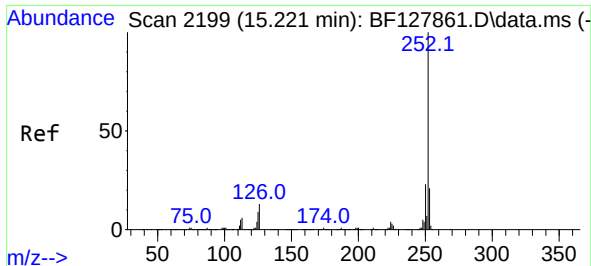
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#88
Benzo(b)fluoranthene
Concen: 8.866 ng m
RT: 15.139 min Scan# 2185
Delta R.T. -0.012 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

Tgt Ion:252 Resp: 117060
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 3.149 ng m

RT: 15.168 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF128094.D

Acq: 05 May 2022 15:04

Instrument :

BNA_F

ClientSampleId :

03

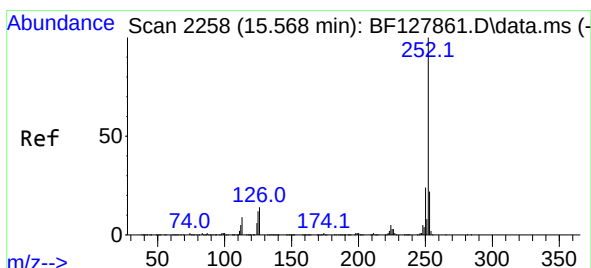
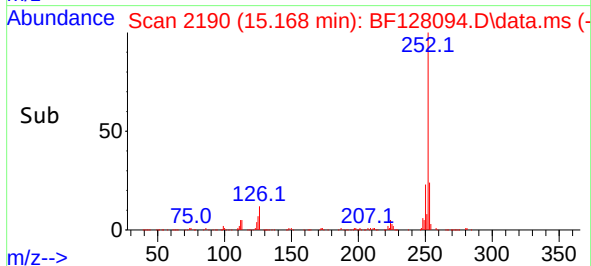
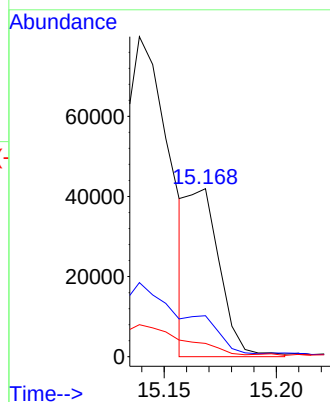
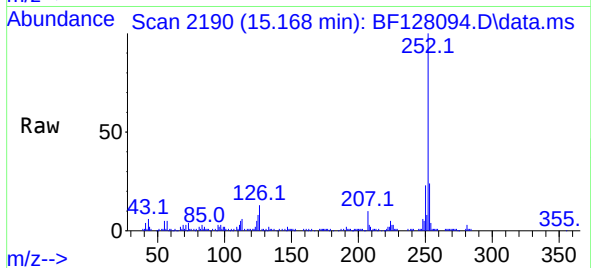
Tgt Ion:252 Resp: 4188

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.4
125	7.9	6.8	10.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#90

Benzo(a)pyrene

Concen: 9.618 ng

RT: 15.521 min Scan# 2250

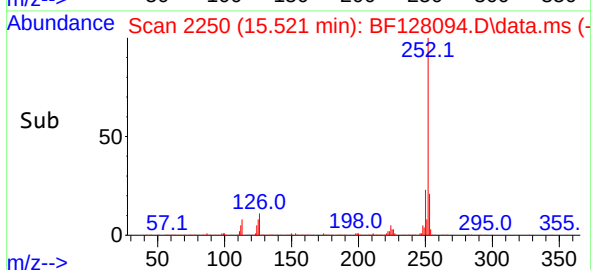
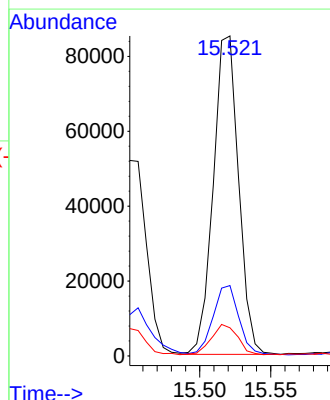
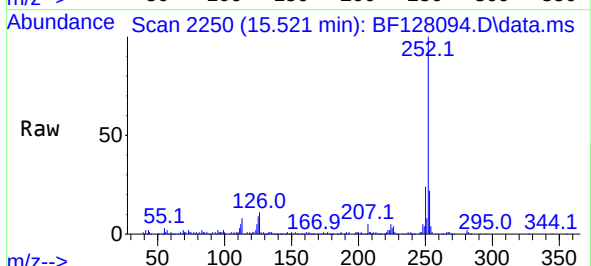
Delta R.T. -0.012 min

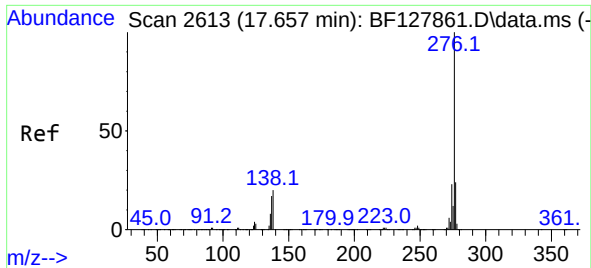
Lab File: BF128094.D

Acq: 05 May 2022 15:04

Tgt Ion:252 Resp: 105339

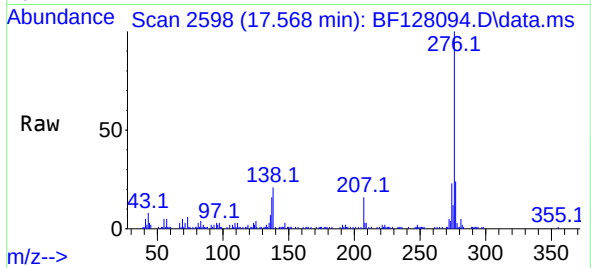
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.8	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 5.065 ng
RT: 17.568 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF128094.D
Acq: 05 May 2022 15:04

Instrument :
BNA_F
ClientSampleId :
03



Tgt Ion:276 Resp: 60062
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 20.8 16.2 24.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

