

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131443.D
 Acq On : 28 Nov 2022 22:37
 Operator : CG\JU
 Sample : N5752-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13S

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/29/2022
 Supervised By : mohammad ahmed 12/02/2022

Quant Time: Nov 29 01:00:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	127132	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	438261	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	210539	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	283687	20.000	ng	# 0.00
76) Chrysene-d12	14.180	240	211437	20.000	ng	# 0.01
86) Perylene-d12	15.727	264	213660	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	844555	126.433	ng	0.02
7) Phenol-d6	6.575	99	1051183	123.339	ng	0.00
23) Nitrobenzene-d5	7.522	82	672394	77.338	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	206681	116.685	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1156870	79.939	ng	0.00
79) Terphenyl-d14	13.116	244	841871	65.111	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	11.533	178	214621	13.999	ng	97
72) Anthracene	11.586	178	37429m	2.484	ng	
75) Fluoranthene	12.739	202	172036	10.649	ng	92
78) Pyrene	12.974	202	224337	12.026	ng	# 95
81) Benzo(a)anthracene	14.168	228	94498	6.520	ng	# 89
83) Chrysene	14.210	228	95288	6.701	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.151	149	143699	19.655	ng	# 94
88) Benzo(b)fluoranthene	15.263	252	105573m	7.438	ng	
90) Benzo(a)pyrene	15.657	252	76406	6.560	ng	# 75
92) Benzo(g,h,i)perylene	17.768	276	44730	3.783	ng	# 86

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

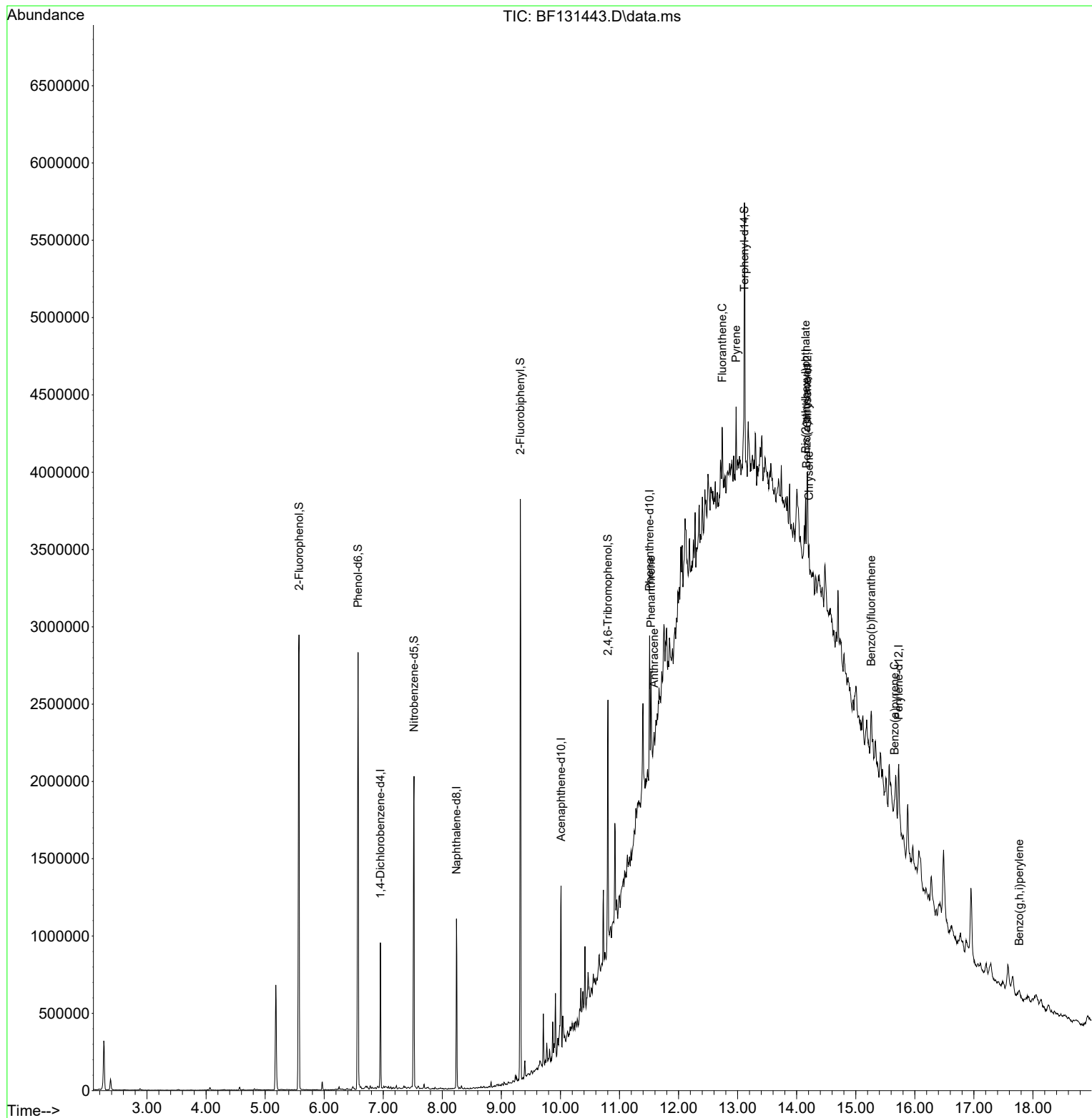
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131443.D
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Operator : CG\JU
Sample : N5752-13
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ALS Vial : 16 Sample Multiplier: 1

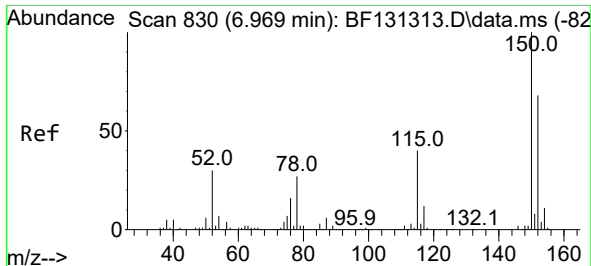
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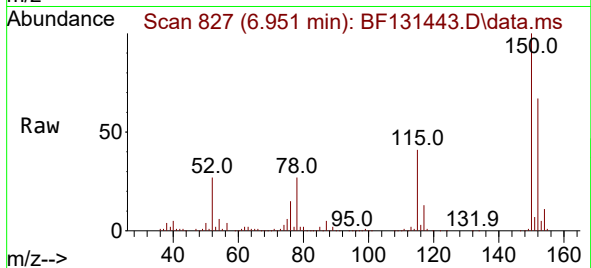
Quant Time: Nov 29 01:00:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

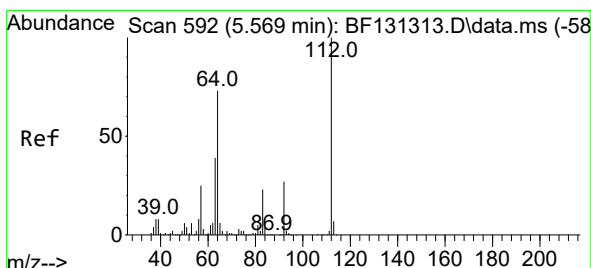
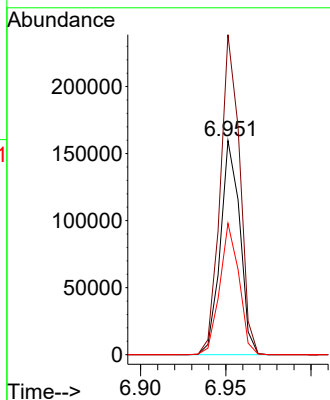
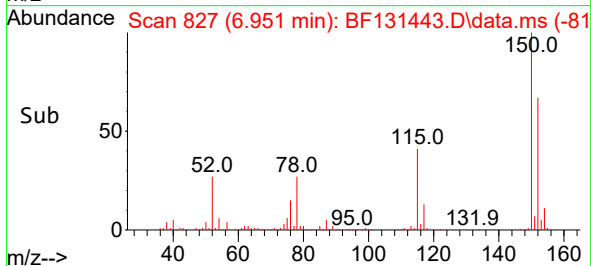
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 12713
Ion Ratio Lower Upper
152 100
150 149.4 117.8 176.8
115 61.4 47.1 70.7

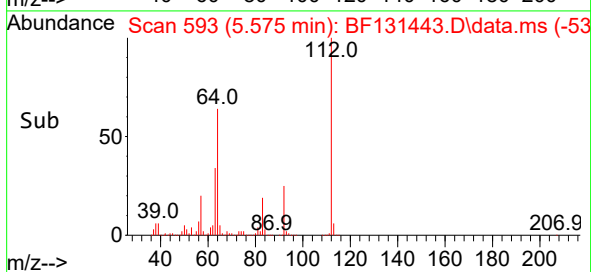
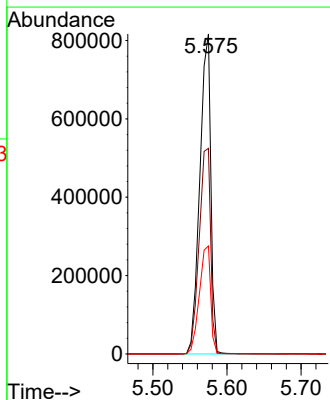
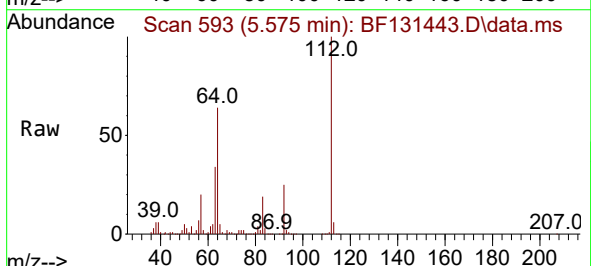
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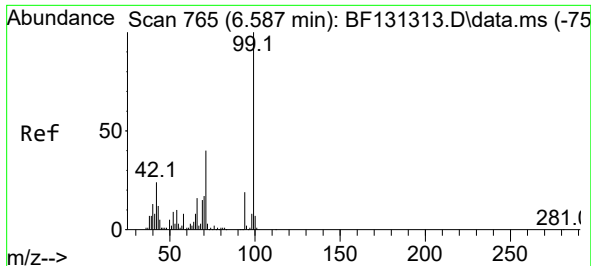
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Supervised By :mohammad ahmed 12/02/2022



#5
2-Fluorophenol
Concen: 126.433 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

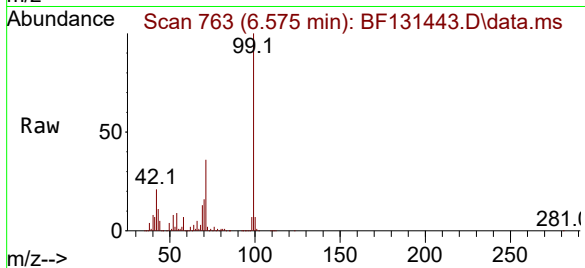
Tgt Ion:112 Resp: 844555
Ion Ratio Lower Upper
112 100
64 64.2 58.6 88.0
63 33.8 31.4 47.0





#7
Phenol-d6
Concen: 123.339 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

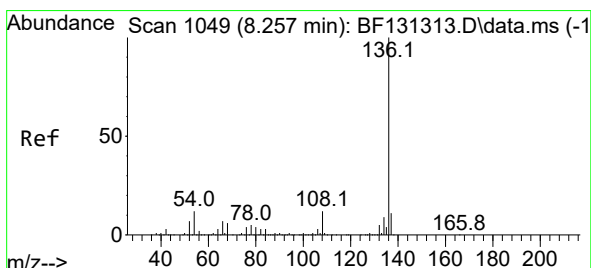
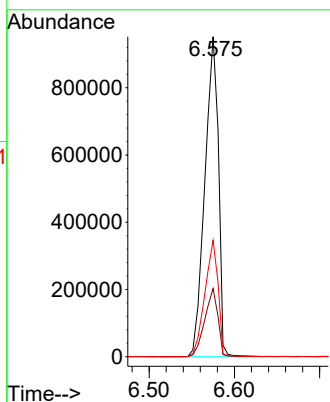
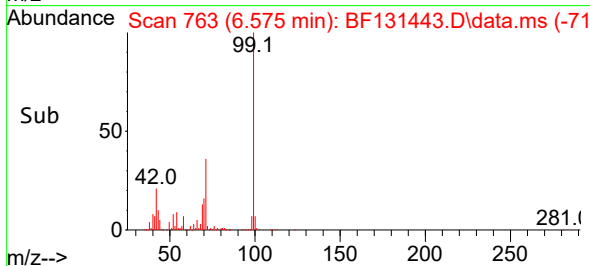
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 105118
Ion Ratio Lower Upper
99 100
42 21.3 19.4 29.2
71 36.3 32.3 48.5

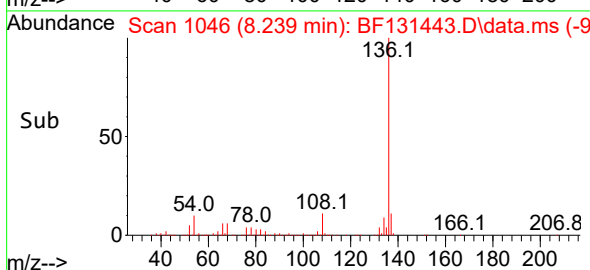
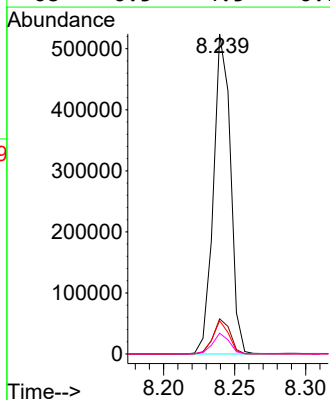
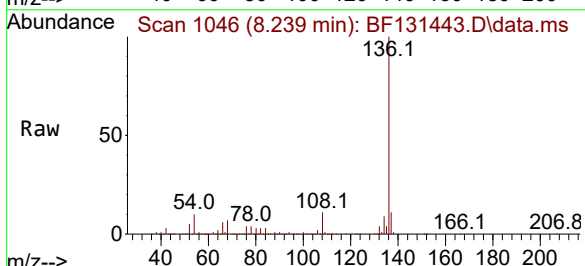
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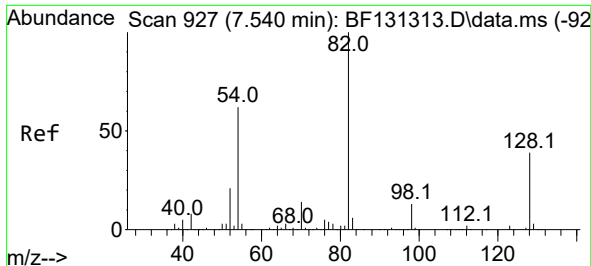
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

Tgt Ion:136 Resp: 438261
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.4 9.4 14.0
68 6.5 4.5 6.7





#23
Nitrobenzene-d5
Concen: 77.338 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

Instrument :

BNA_F

ClientSampleId :

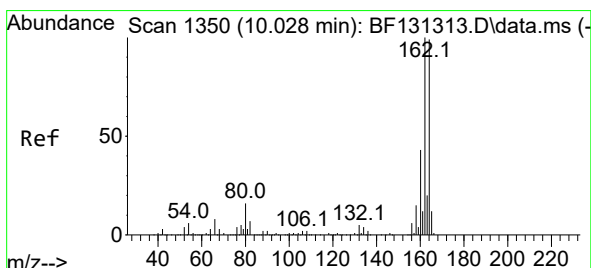
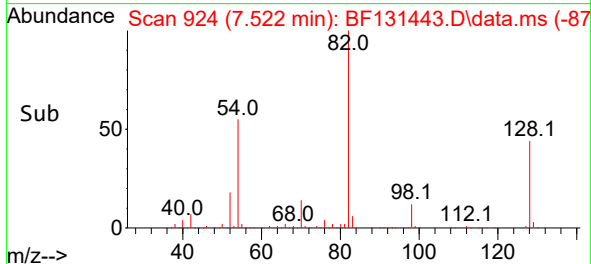
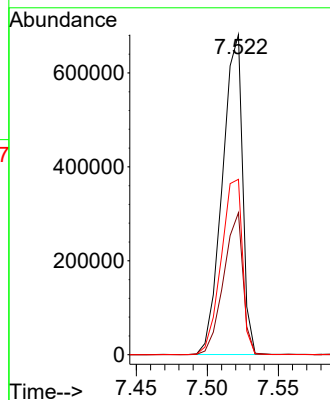
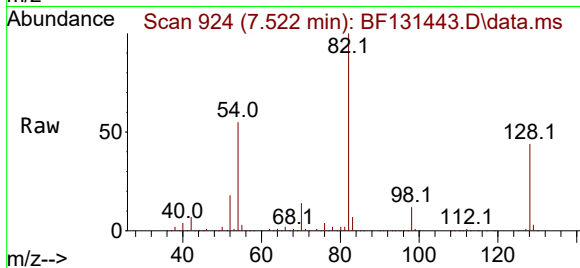
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Tgt Ion: 82 Resp: 672394
Ion Ratio Lower Upper
82 100
128 44.3 31.4 47.0
54 54.8 49.8 74.6

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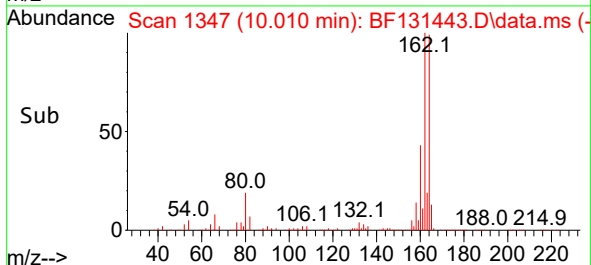
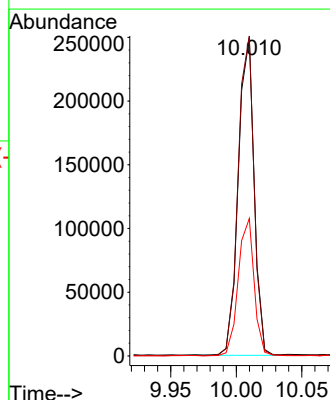
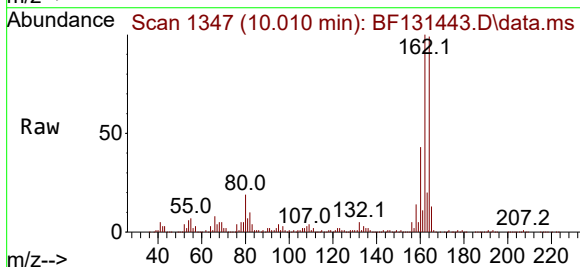
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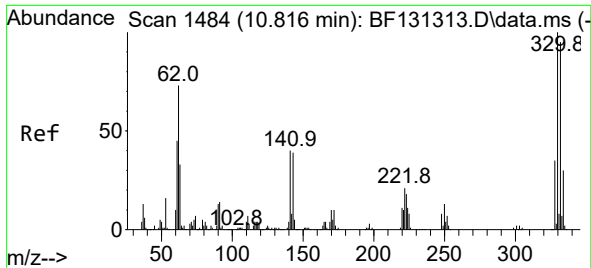
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

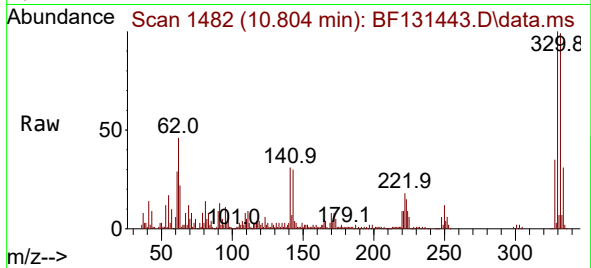
Tgt Ion:164 Resp: 210539
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 43.2 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 116.685 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

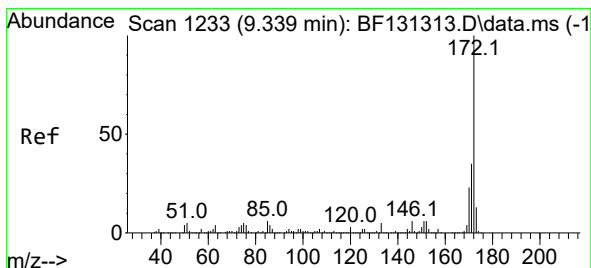
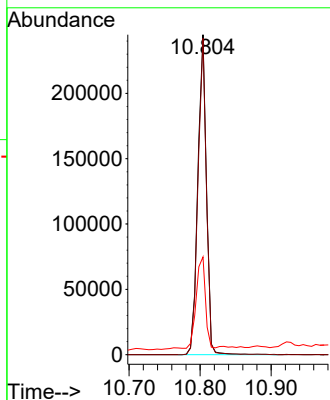
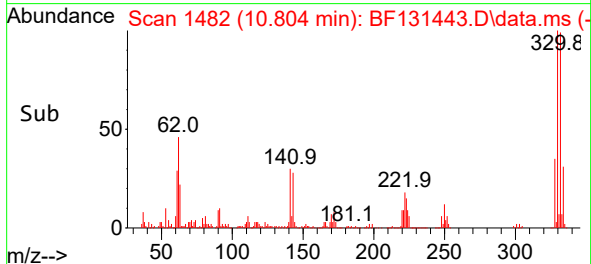
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B-13S



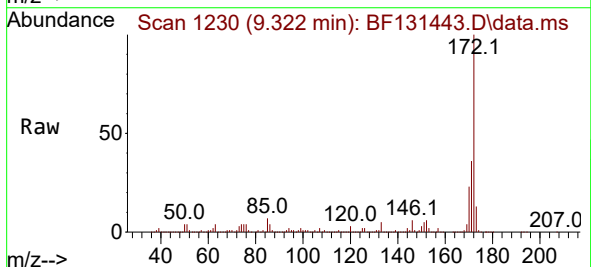
Tgt Ion: 330 Resp: 206683
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 30.5 29.3 43.9

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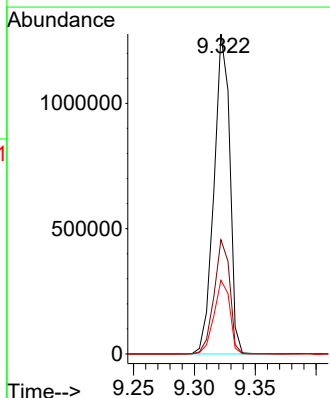
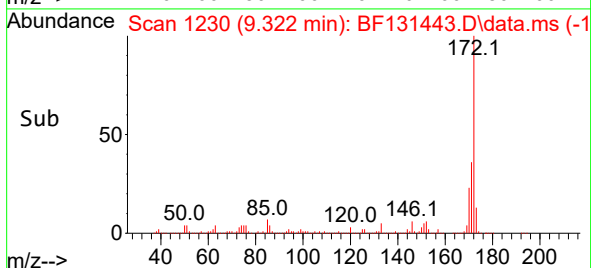
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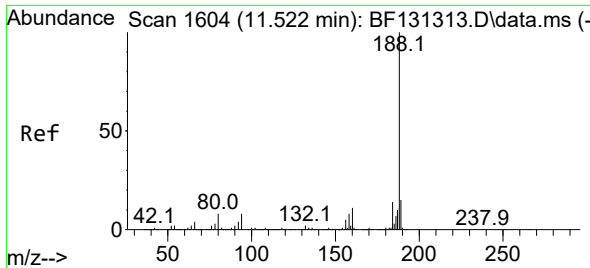


#45
2-Fluorobiphenyl
Concen: 79.939 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37



Tgt Ion: 172 Resp: 1156870
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.0 18.7 28.1





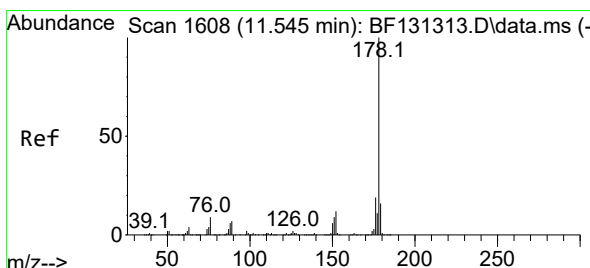
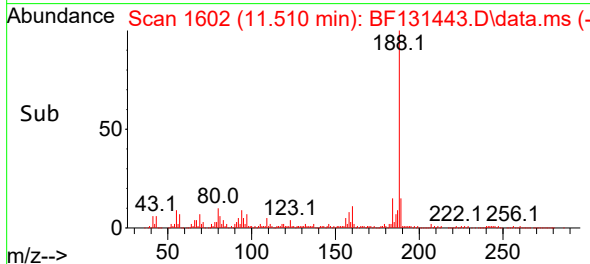
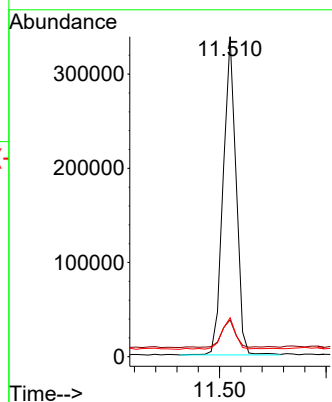
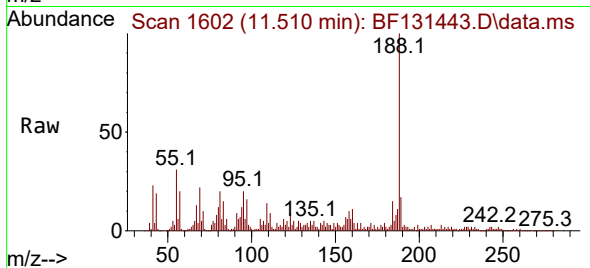
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

Instrument :
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ClientSampleId :
B-13S

Tgt Ion:188 Resp: 28368
Ion Ratio Lower Upper
188 100
94 11.5 6.3 9.5
80 12.1 6.8 10.2

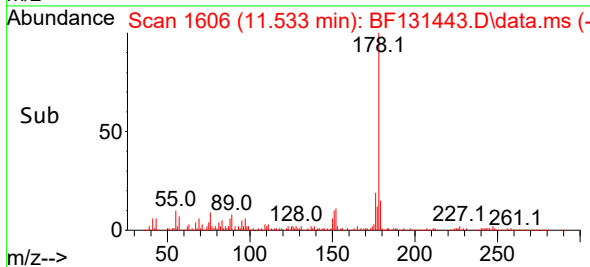
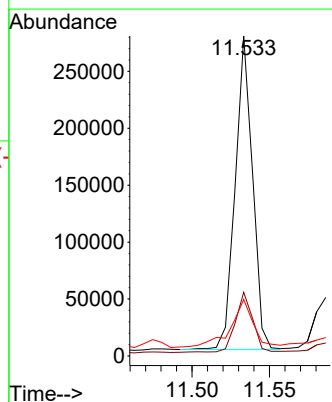
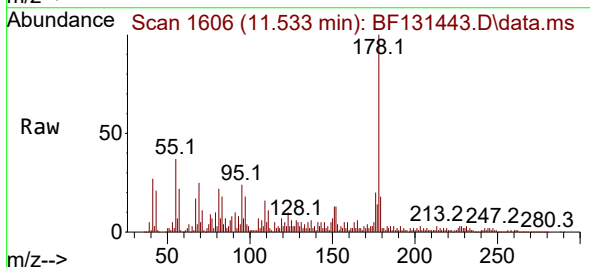
Manual Integrations
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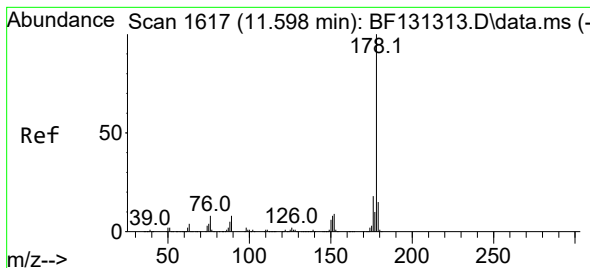
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#71
Phenanthrene
Concen: 13.999 ng
RT: 11.533 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

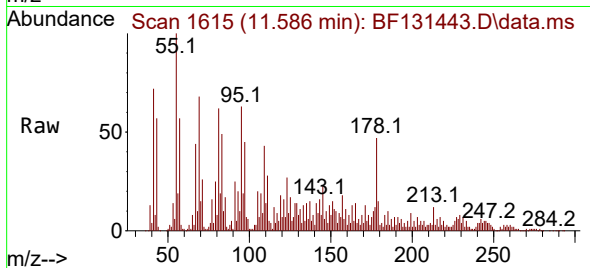
Tgt Ion:178 Resp: 214621
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 17.6 12.4 18.6





#72
 Anthracene
 Concen: 2.484 ng m
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF131443.D
 Acq: 28 Nov 2022 22:37

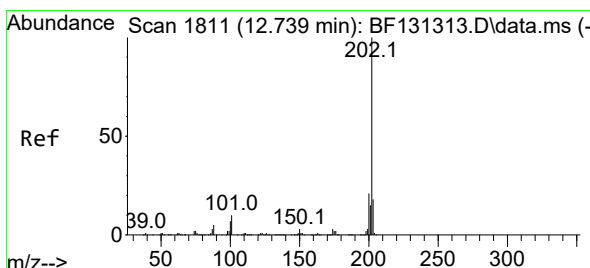
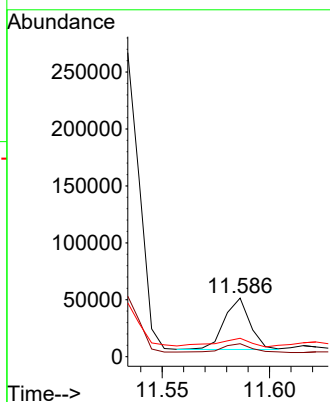
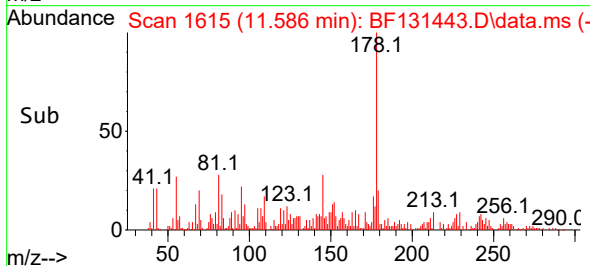
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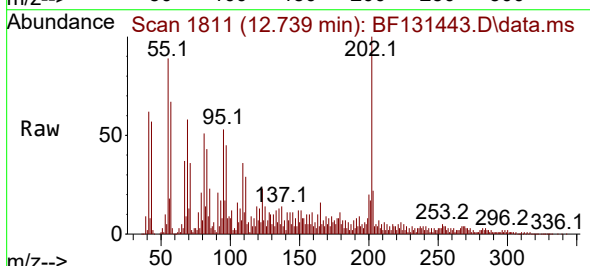
Tgt Ion:178 Resp: 37429
 Ion Ratio Lower Upper
 178 100
 176 22.1 14.7 22.1
 179 31.4 12.2 18.4

Manual Integrations
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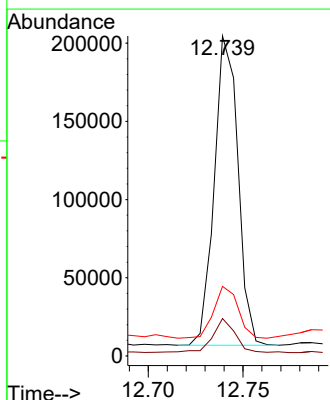
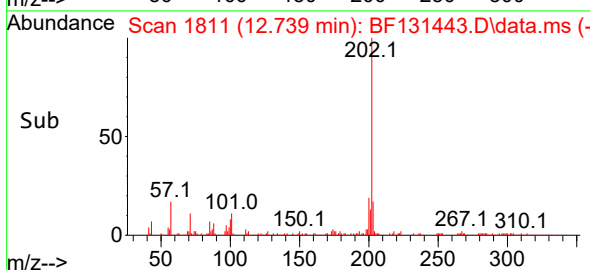
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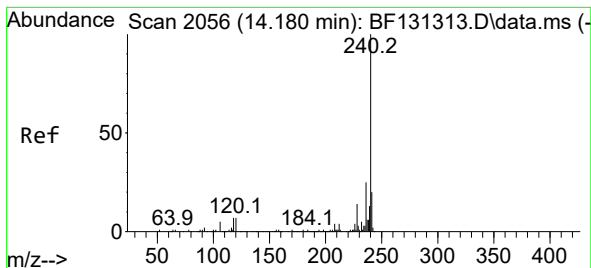


#75
 Fluoranthene
 Concen: 10.649 ng
 RT: 12.739 min Scan# 1811
 Delta R.T. 0.012 min
 Lab File: BF131443.D
 Acq: 28 Nov 2022 22:37



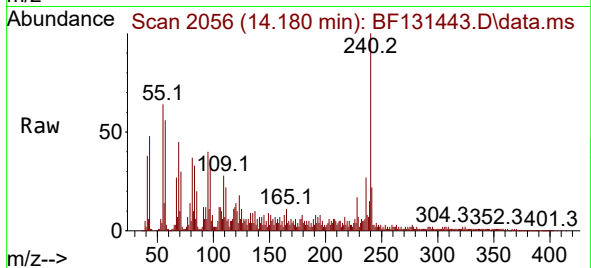
Tgt Ion:202 Resp: 172036
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 29.6
 203 21.8 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.012 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

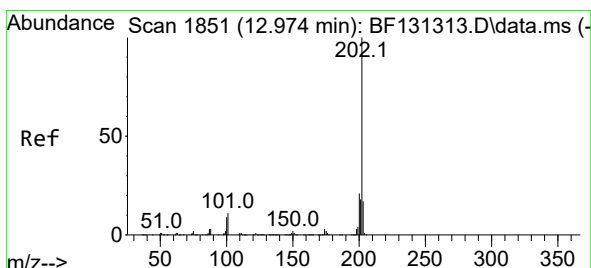
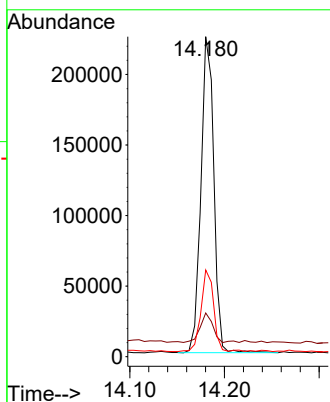
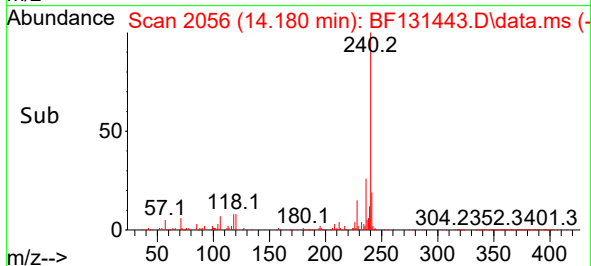
Instrument :
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Tgt Ion:240 Resp: 211437
Ion Ratio Lower Upper
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120 13.6 5.8 8.8
236 27.1 20.3 30.5

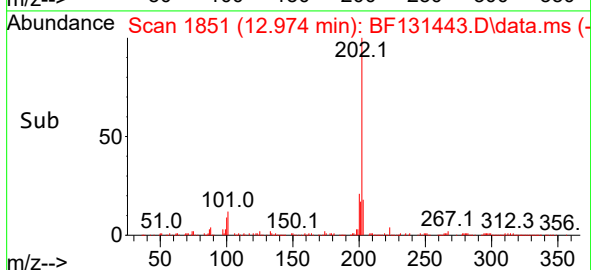
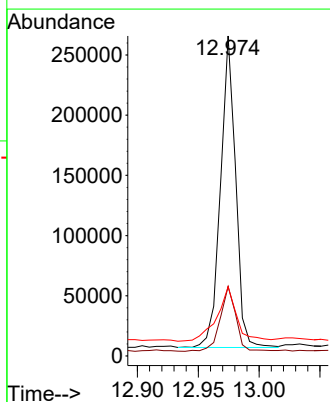
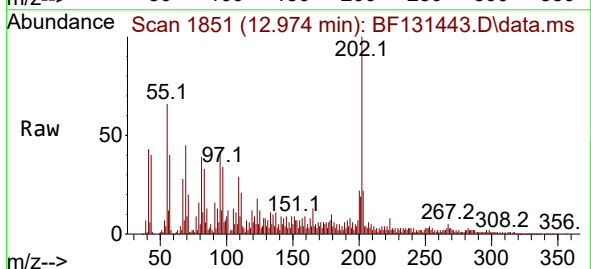
Manual Integrations
APPROVED

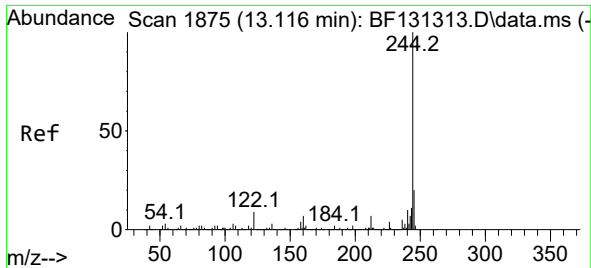
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#78
Pyrene
Concen: 12.026 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.012 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

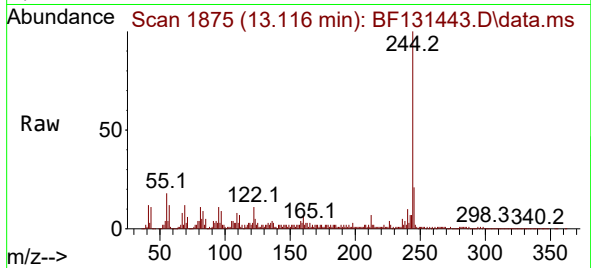
Tgt Ion:202 Resp: 224337
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 21.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 65.111 ng
 RT: 13.116 min Scan# 1875
 Delta R.T. 0.012 min
 Lab File: BF131443.D
 Acq: 28 Nov 2022 22:37

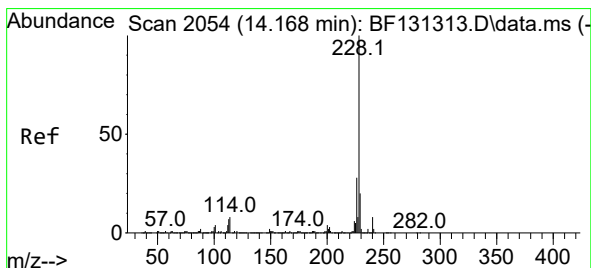
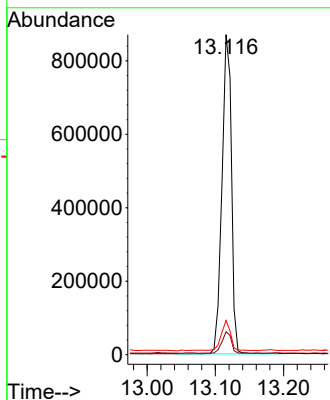
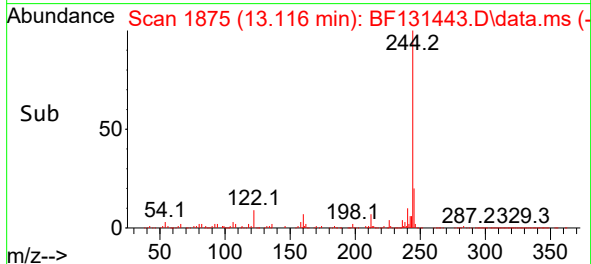
Instrument :
 BNA_F
 ClientSampleId :
 B-13S



Tgt Ion:244 Resp: 84187
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.7 7.5 11.3

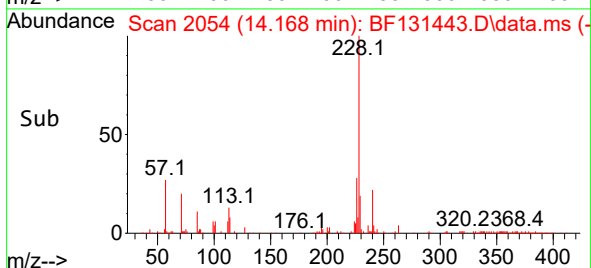
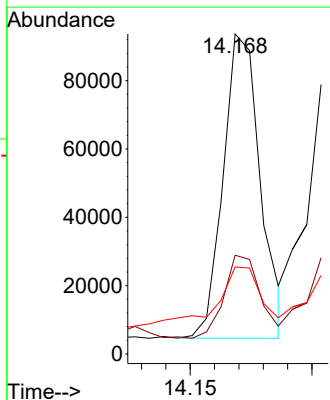
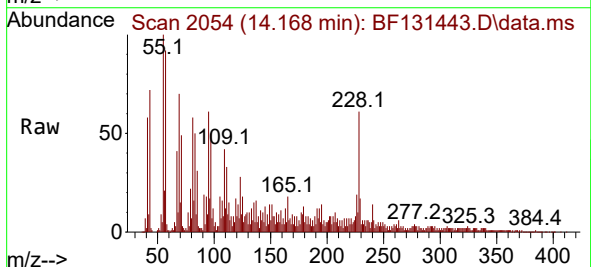
Manual Integrations
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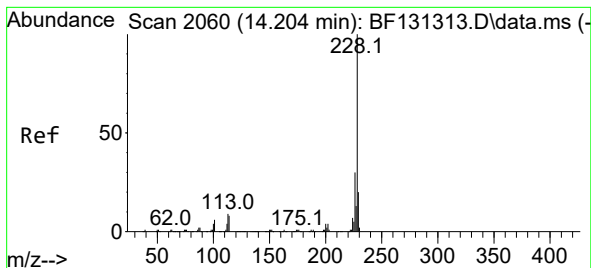
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :mohammad ahmed 12/02/2022



#81
 Benzo(a)anthracene
 Concen: 6.520 ng
 RT: 14.168 min Scan# 2054
 Delta R.T. 0.012 min
 Lab File: BF131443.D
 Acq: 28 Nov 2022 22:37

Tgt Ion:228 Resp: 94498
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.0 33.0
 229 27.2 15.7 23.5#





#83

Chrysene

Concen: 6.701 ng

RT: 14.210 min Scan# 2061

Delta R.T. 0.018 min

Lab File: BF131443.D

Acq: 28 Nov 2022 22:37

Instrument :

BNA_F

ClientSampleId :

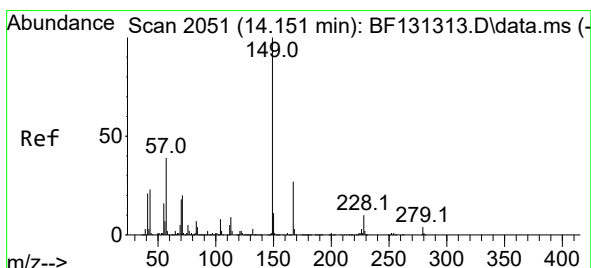
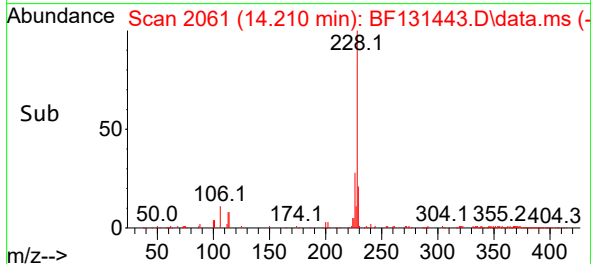
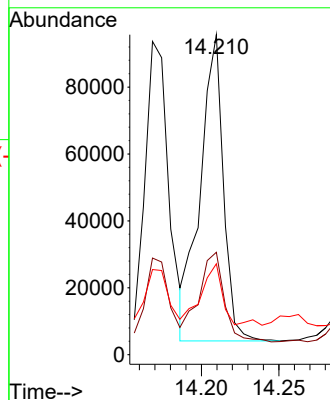
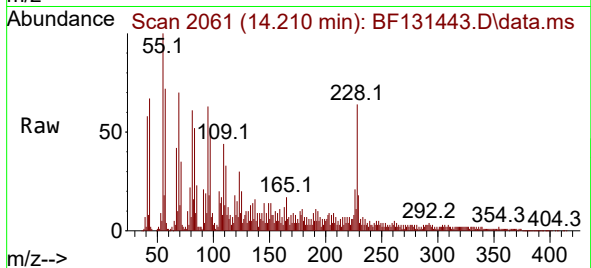
B-13S

Tgt Ion:	228	Resp:	9528
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.7	35.5
229	28.4	16.2	24.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.655 ng

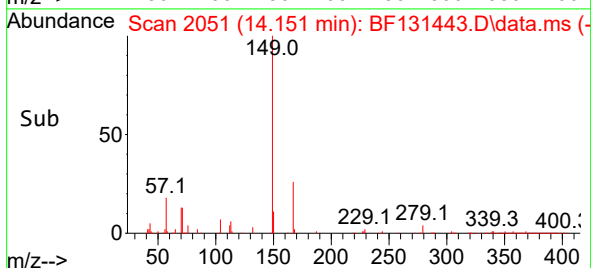
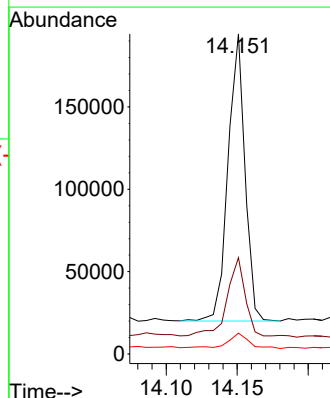
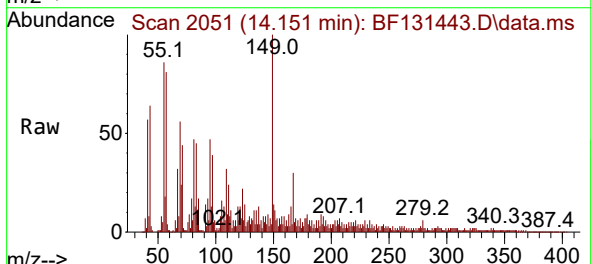
RT: 14.151 min Scan# 2051

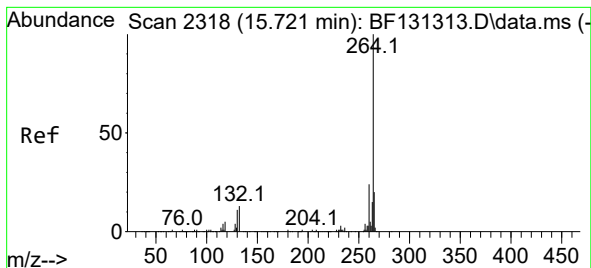
Delta R.T. 0.012 min

Lab File: BF131443.D

Acq: 28 Nov 2022 22:37

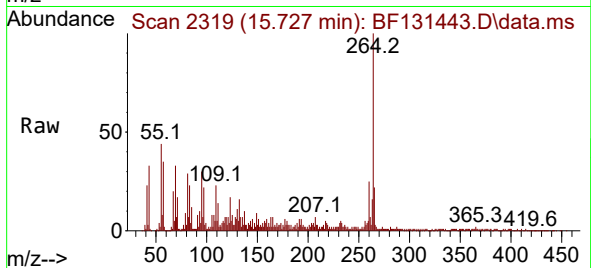
Tgt Ion:	149	Resp:	143699
Ion Ratio	Lower	Upper	
149	100		
167	30.1	21.9	32.9
279	6.5	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 21366
Delta R.T. 0.029 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37

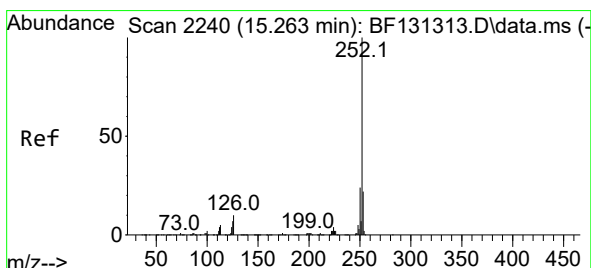
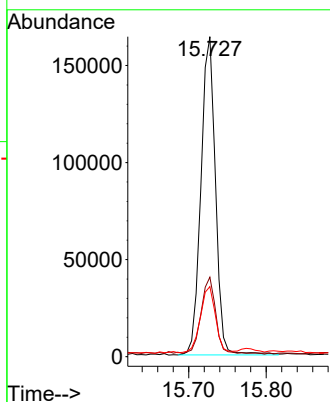
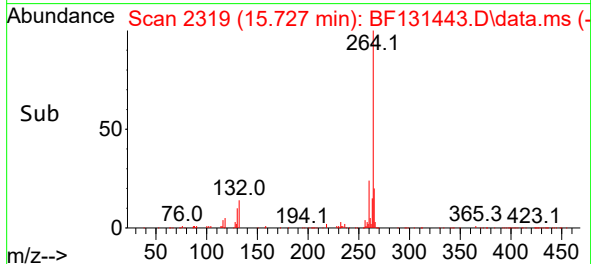
Instrument :
BNA_F
ClientSampleId :
B-13S



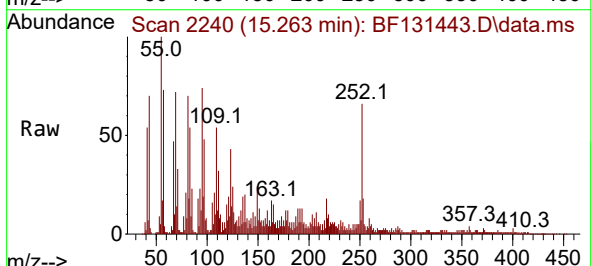
Tgt Ion:264 Resp: 21366
Ion Ratio Lower Upper
264 100
260 24.8 19.0 28.4
265 21.9 16.4 24.6

Manual Integrations
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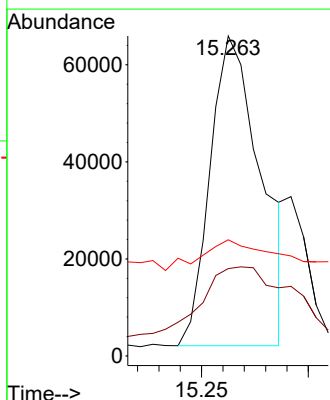
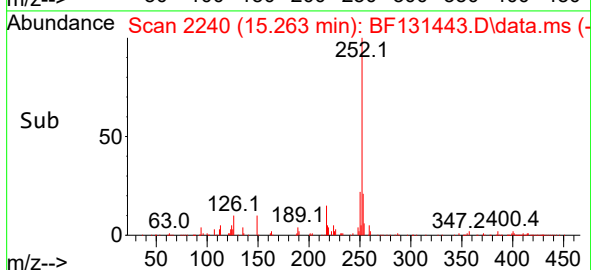
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022

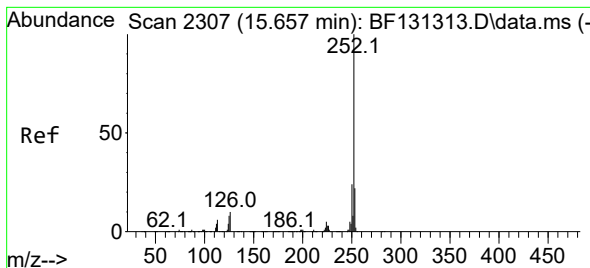


#88
Benzo(b)fluoranthene
Concen: 7.438 ng m
RT: 15.263 min Scan# 2240
Delta R.T. 0.018 min
Lab File: BF131443.D
Acq: 28 Nov 2022 22:37



Tgt Ion:252 Resp: 105573
Ion Ratio Lower Upper
252 100
253 27.3 17.5 26.3#
125 36.3 5.8 8.6#





#90

Benzo(a)pyrene

Concen: 6.560 ng

RT: 15.657 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF131443.D

Acq: 28 Nov 2022 22:37

Instrument :

BNA_F

ClientSampleId :

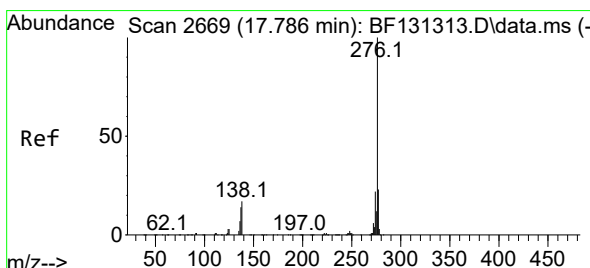
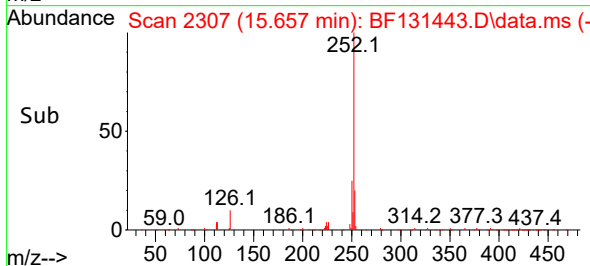
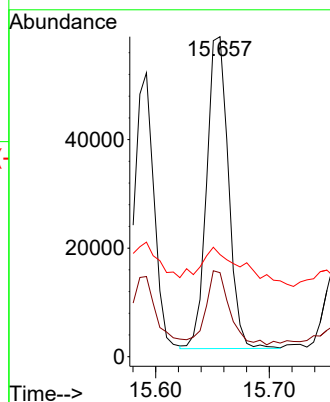
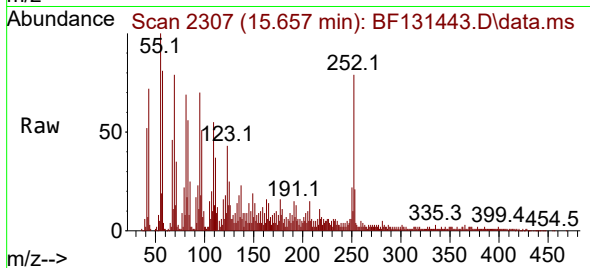
B-13S

Tgt Ion:	252	Resp:	76400
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.5	26.3
125	31.9	6.1	9.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#92

Benzo(g,h,i)perylene

Concen: 3.783 ng

RT: 17.768 min Scan# 2666

Delta R.T. 0.012 min

Lab File: BF131443.D

Acq: 28 Nov 2022 22:37

Tgt Ion:	276	Resp:	44730
Ion Ratio	Lower	Upper	
276	100		
277	28.9	18.3	27.5#
138	24.4	13.8	20.6#

