

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136300.D
 Acq On : 30 Nov 2023 00:02
 Operator : CG\JU
 Sample : 05408-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 710-BROOKLYN-AVE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 30 00:31:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	119715	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	418311	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	168711	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	292609	20.000	ng	0.00
76) Chrysene-d12	13.980	240	277771	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	226444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	626759	72.869	ng	0.00
7) Phenol-d6	6.440	99	721147	67.055	ng	0.00
23) Nitrobenzene-d5	7.363	82	429137	54.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	143252	69.451	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	756907	57.305	ng	-0.01
79) Terphenyl-d14	12.927	244	836933	34.755	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.351	178	64235	3.906	ng	# 95
75) Fluoranthene	12.545	202	204244	12.234	ng	92
78) Pyrene	12.775	202	245934	8.084	ng	96
81) Benzo(a)anthracene	13.974	228	115941	5.619	ng	# 95
83) Chrysene	14.010	228	137146	6.885	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.962	276	44576	5.166	ng	97
88) Benzo(b)fluoranthene	15.027	252	149001m	9.379	ng	
89) Benzo(k)fluoranthene	15.057	252	32503m	2.154	ng	
90) Benzo(a)pyrene	15.398	252	93058	7.165	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	12867m	3.607	ng	
92) Benzo(g,h,i)perylene	17.415	276	44602	5.043	ng	95

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

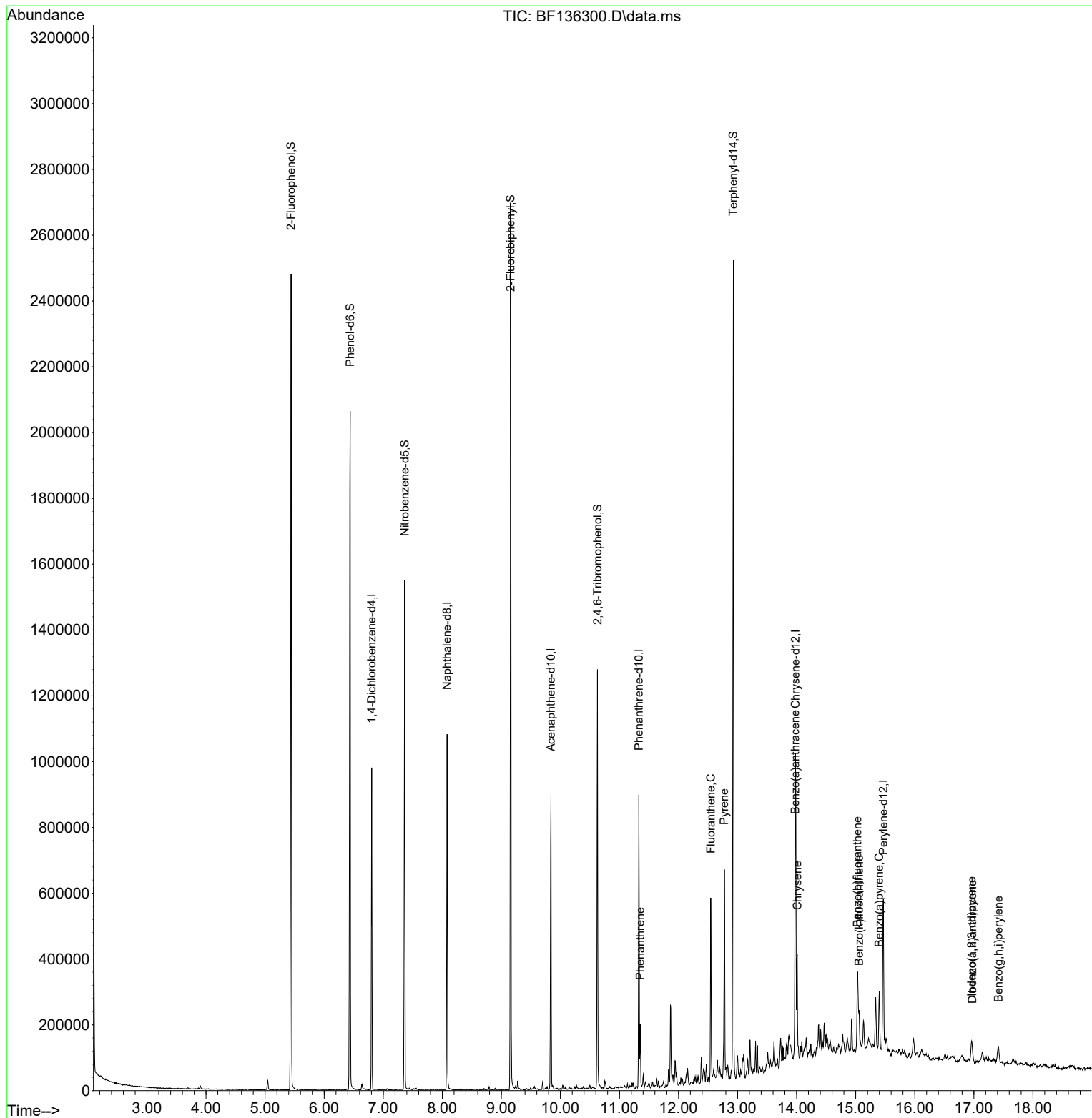
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136300.D
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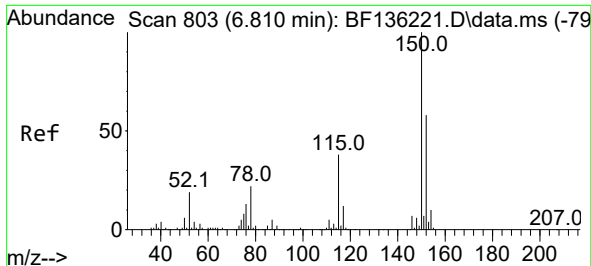
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
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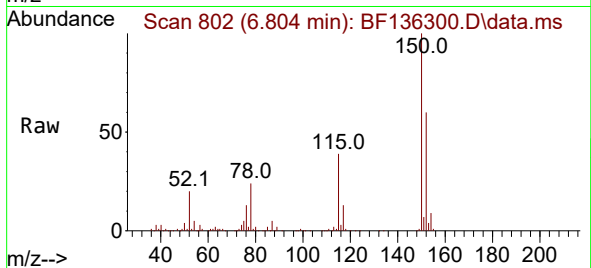
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

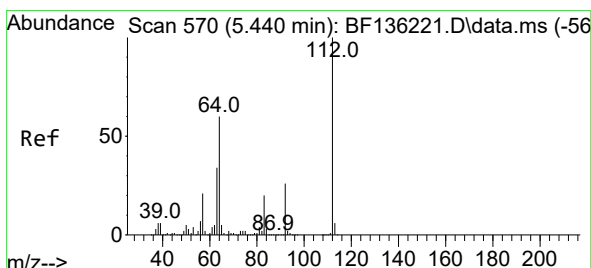
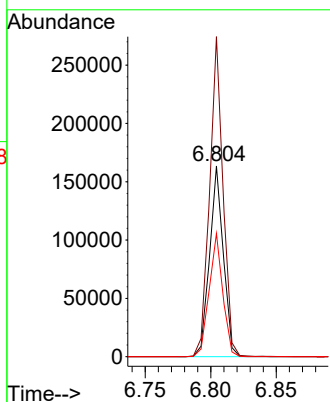
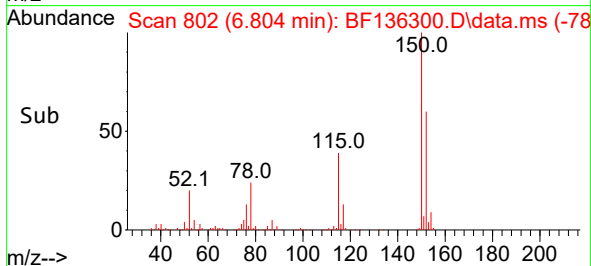
Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE



Tgt Ion:152 Resp: 119715
Ion Ratio Lower Upper
152 100
150 167.8 137.8 206.8
115 64.6 52.7 79.1

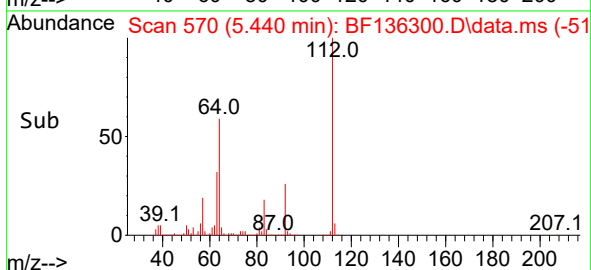
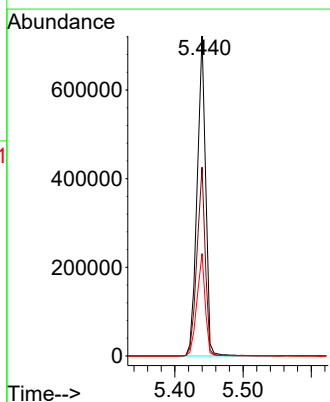
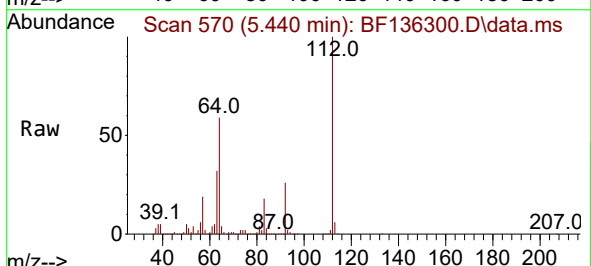
Manual Integrations
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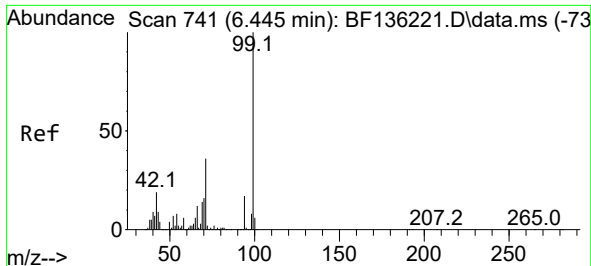
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#5
2-Fluorophenol
Concen: 72.869 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

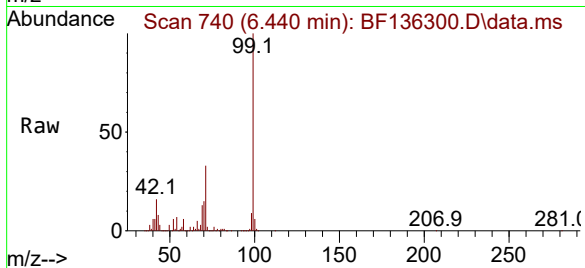
Tgt Ion:112 Resp: 626759
Ion Ratio Lower Upper
112 100
64 59.0 48.2 72.4
63 32.0 27.0 40.6





#7
Phenol-d6
Concen: 67.055 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

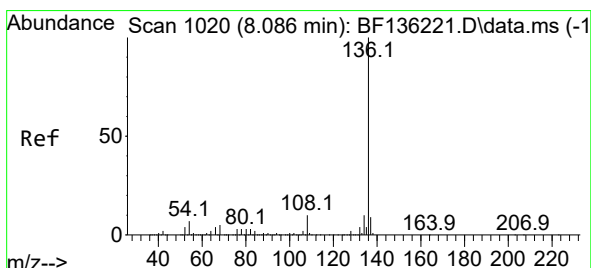
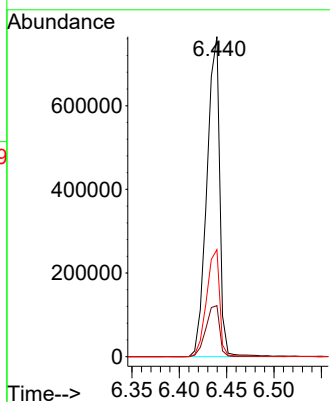
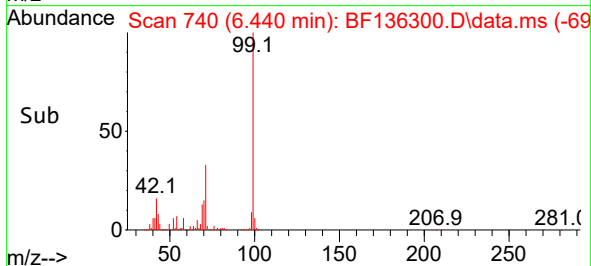
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 72114
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.6
71 33.4 28.9 43.3

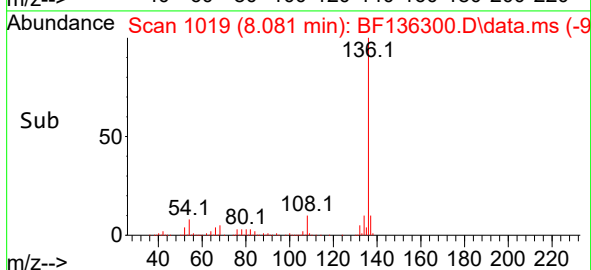
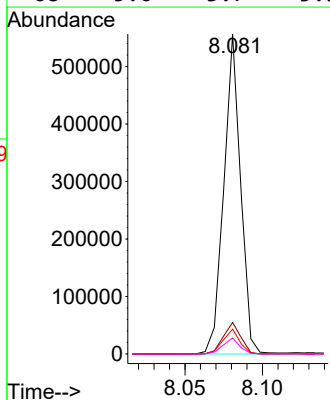
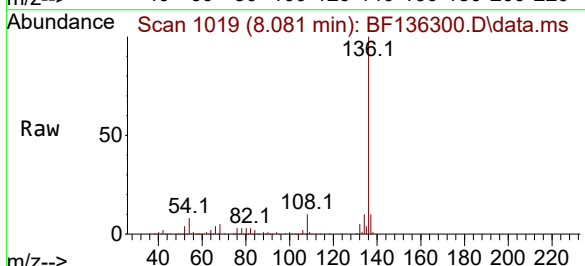
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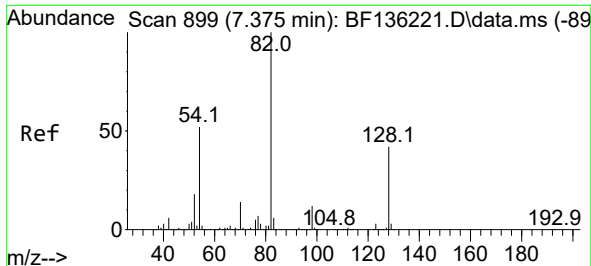
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

Tgt Ion:136 Resp: 418311
Ion Ratio Lower Upper
136 100
137 9.9 7.4 11.2
54 7.7 5.5 8.3
68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 54.211 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136300.D

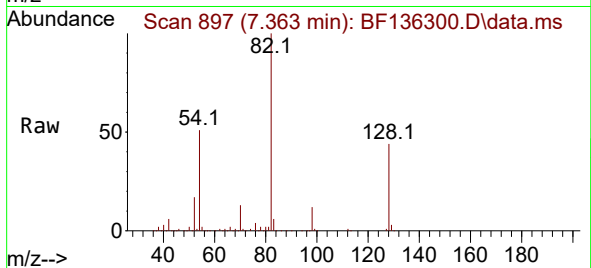
Acq: 30 Nov 2023 00:02

Instrument :

BNA_F

ClientSampleId :

710-BROOKLYN-AVE



Tgt Ion: 82 Resp: 42913

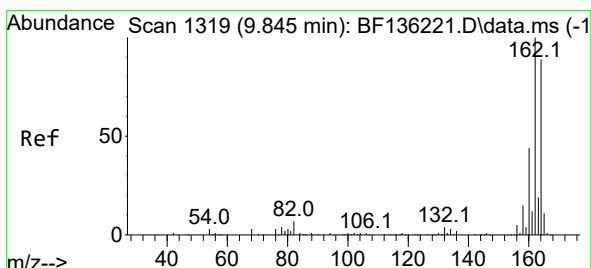
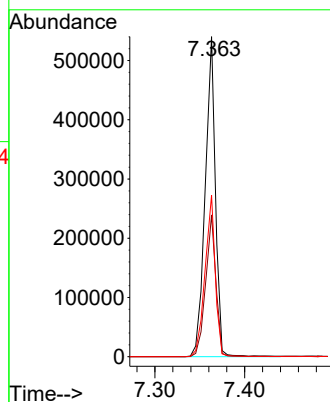
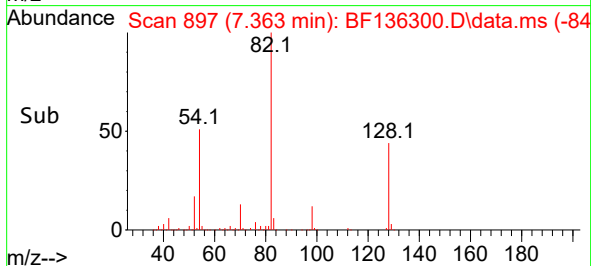
Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.4	50.2
54	50.5	41.7	62.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

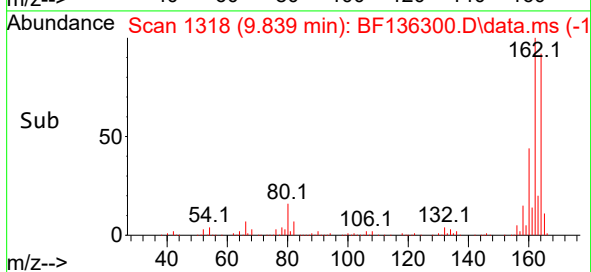
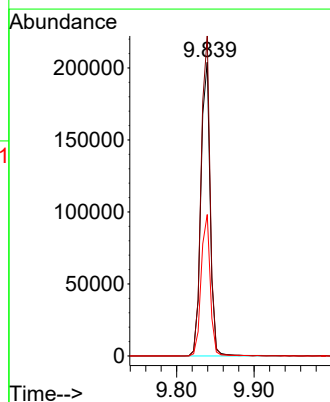
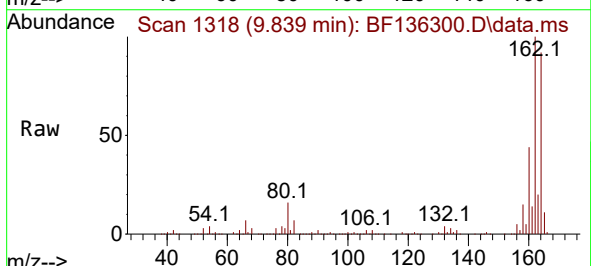
Delta R.T. -0.006 min

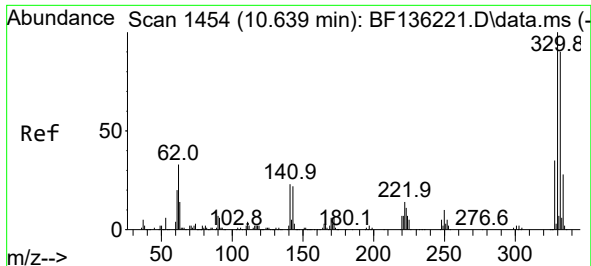
Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

Tgt Ion:164 Resp: 168711

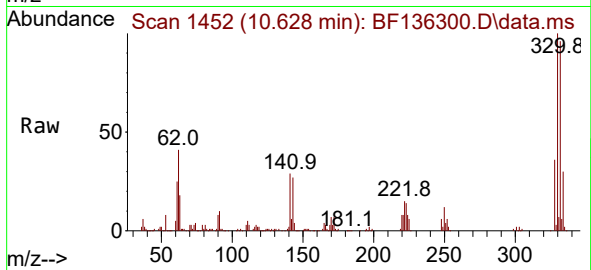
Ion	Ratio	Lower	Upper
164	100		
162	108.9	89.5	134.3
160	48.1	39.6	59.4





#42
2,4,6-Tribromophenol
Concen: 69.451 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

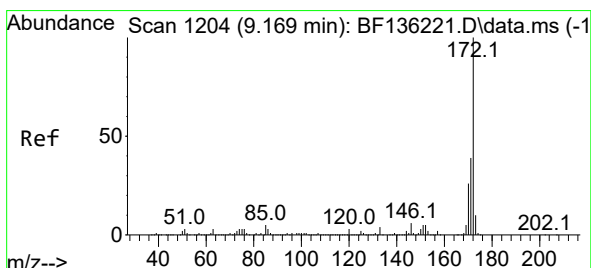
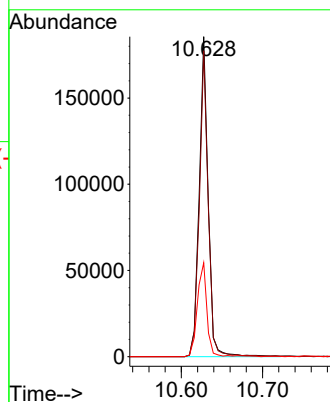
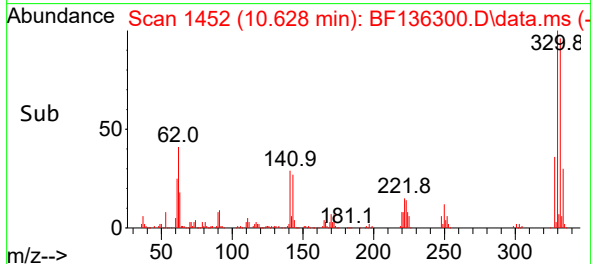
Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE



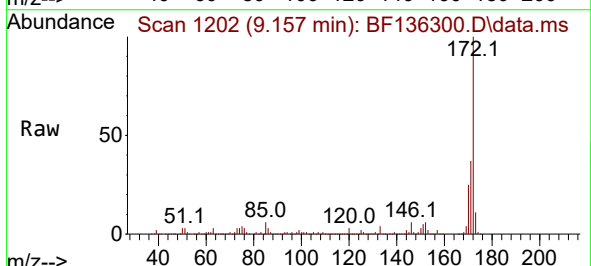
Tgt Ion: 330 Resp: 143252
Ion Ratio Lower Upper
330 100
332 95.0 73.0 109.6
141 31.7 24.2 36.2

Manual Integrations
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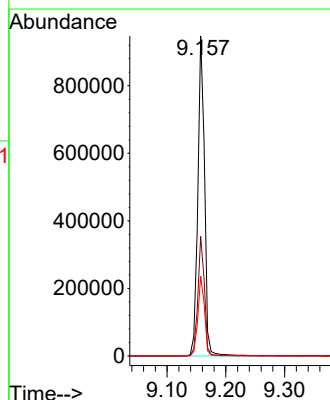
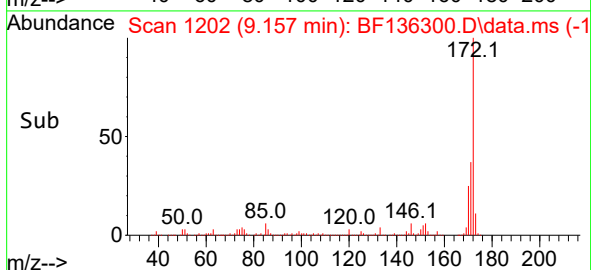
Reviewed By : Yogesh Patel 11/30/2023
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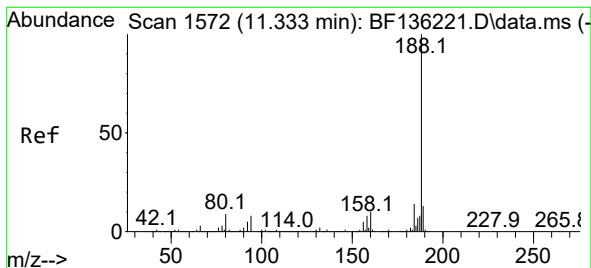


#45
2-Fluorobiphenyl
Concen: 57.305 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.012 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02



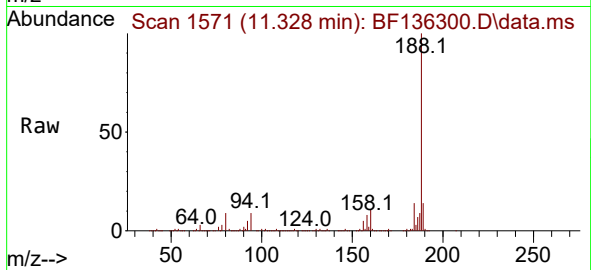
Tgt Ion: 172 Resp: 756907
Ion Ratio Lower Upper
172 100
171 37.4 31.5 47.3
170 24.9 20.8 31.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

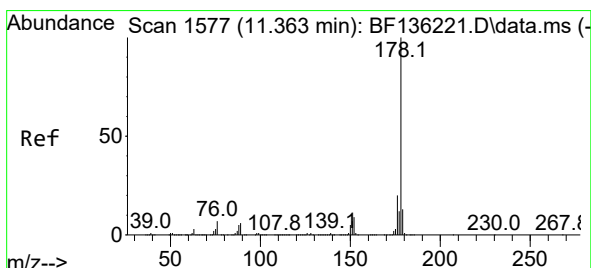
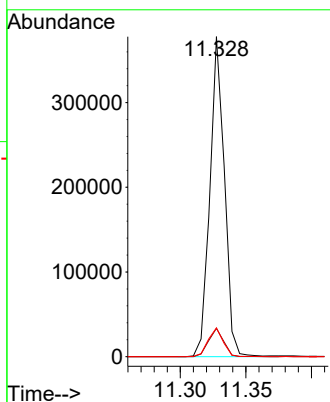
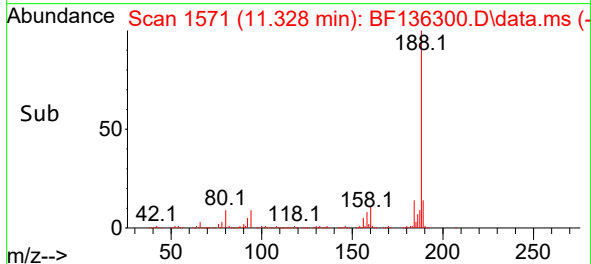
Instrument :
BNA_F
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710-BROOKLYN-AVE



Tgt Ion:188 Resp: 292609
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.0 7.2 10.8

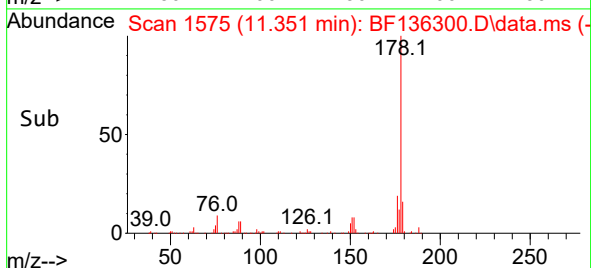
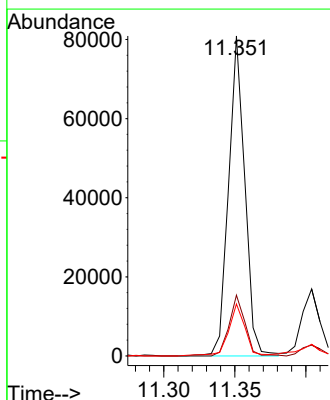
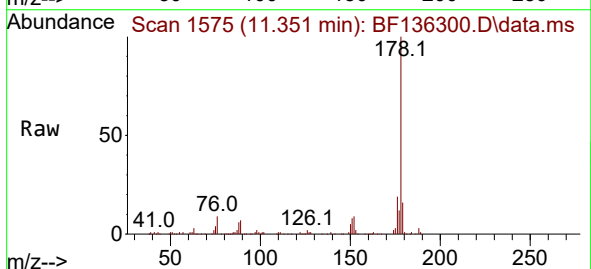
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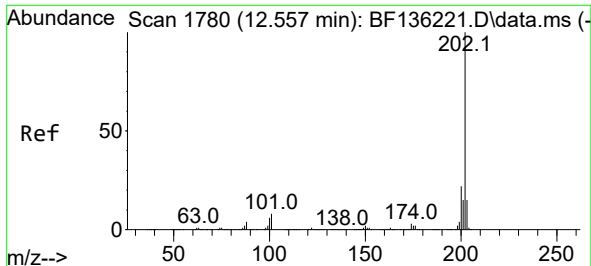
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#71
Phenanthrene
Concen: 3.906 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

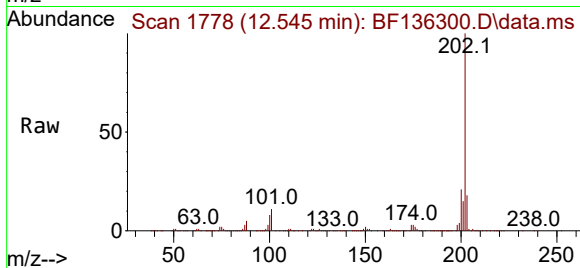
Tgt Ion:178 Resp: 64235
Ion Ratio Lower Upper
178 100
176 19.0 16.2 24.2
179 16.2 10.3 15.5#





#75
Fluoranthene
Concen: 12.234 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

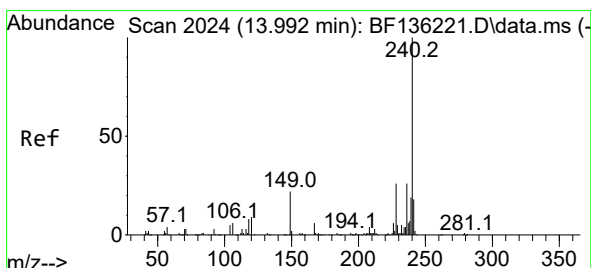
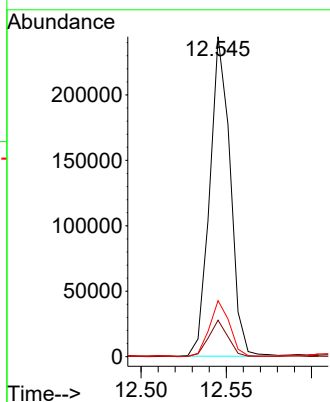
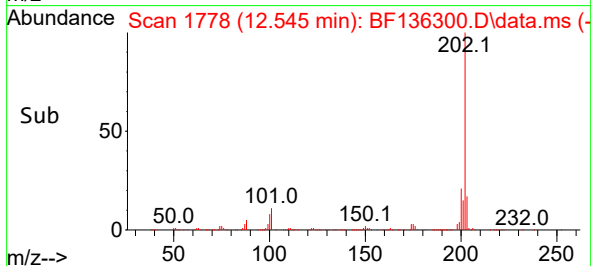
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710-BROOKLYN-AVE



Tgt Ion:202 Resp: 204244
Ion Ratio Lower Upper
202 100
101 11.4 0.0 27.8
203 17.5 0.0 34.5

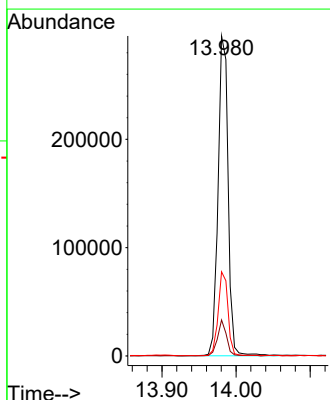
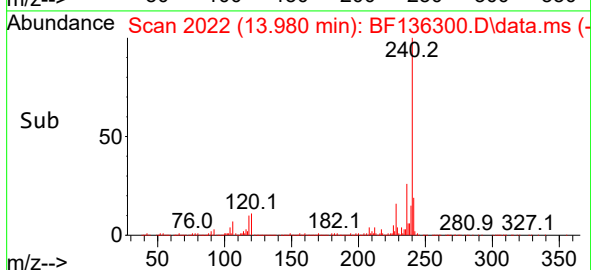
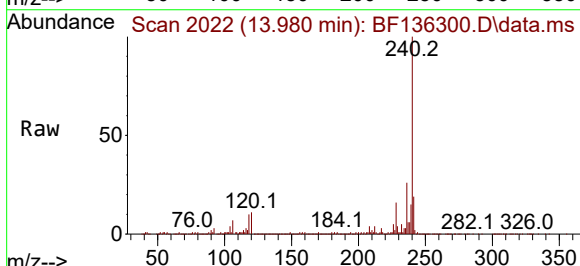
Manual Integrations
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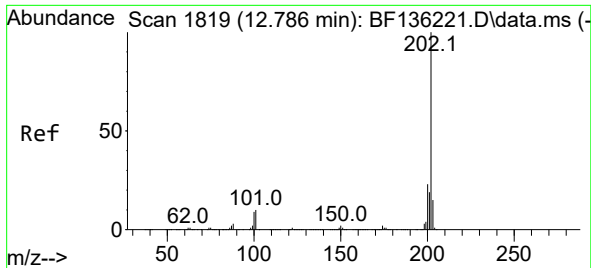
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

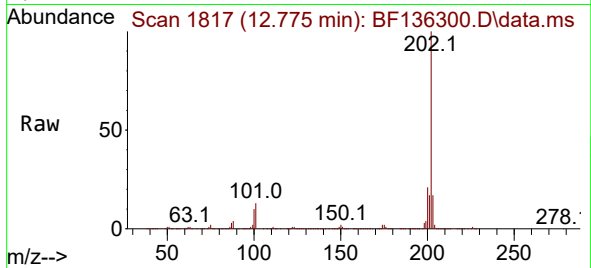
Tgt Ion:240 Resp: 277771
Ion Ratio Lower Upper
240 100
120 11.3 7.4 11.2#
236 26.3 21.1 31.7





#78
 Pyrene
 Concen: 8.084 ng
 RT: 12.775 min Scan# 1817
 Delta R.T. -0.012 min
 Lab File: BF136300.D
 Acq: 30 Nov 2023 00:02

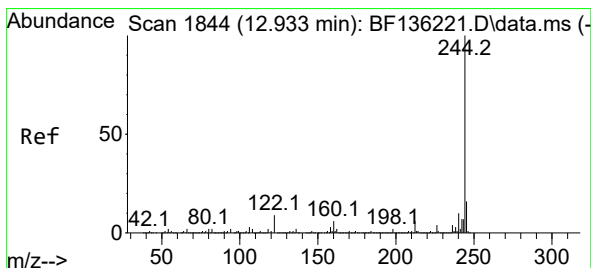
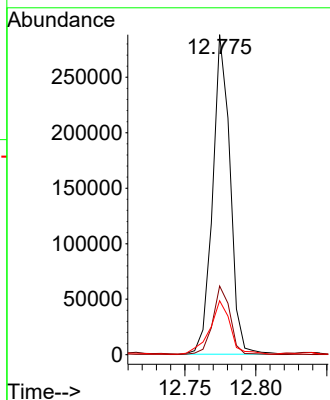
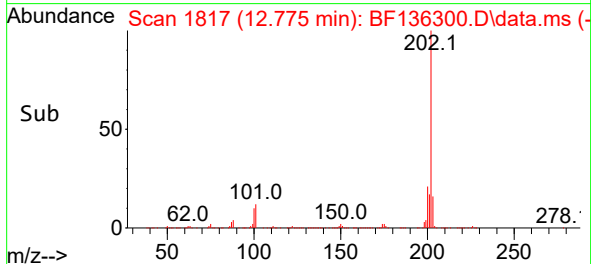
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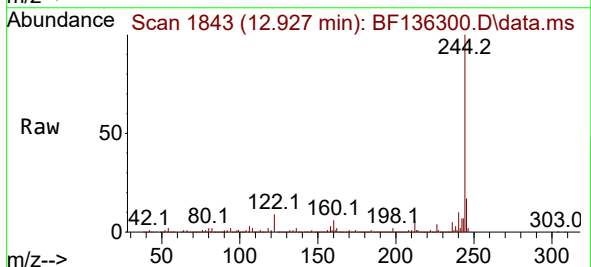
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 Ion Ratio Lower Upper
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 200 21.5 18.4 27.6
 203 16.9 11.8 17.6

Manual Integrations
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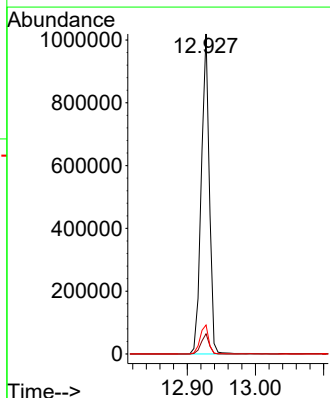
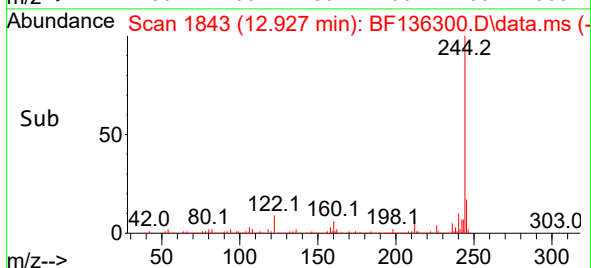
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

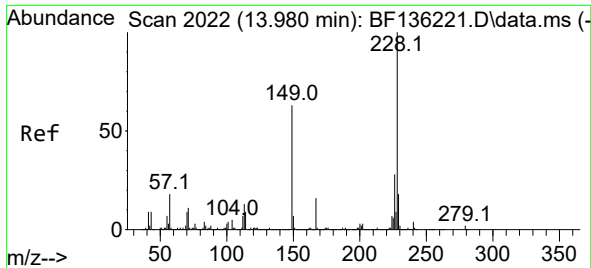


#79
 Terphenyl-d14
 Concen: 34.755 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136300.D
 Acq: 30 Nov 2023 00:02



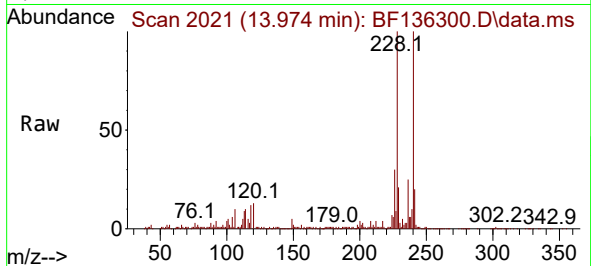
Tgt Ion:244 Resp: 836933
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.6 7.0
 122 9.0 7.3 10.9





#81
Benzo(a)anthracene
Concen: 5.619 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

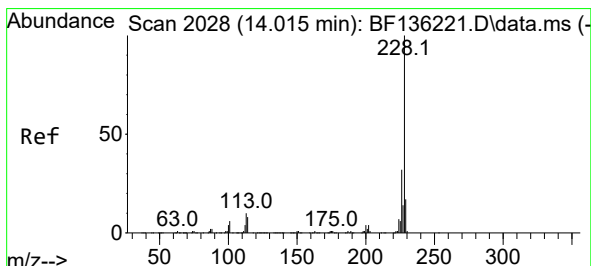
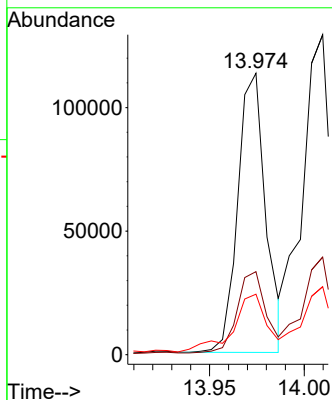
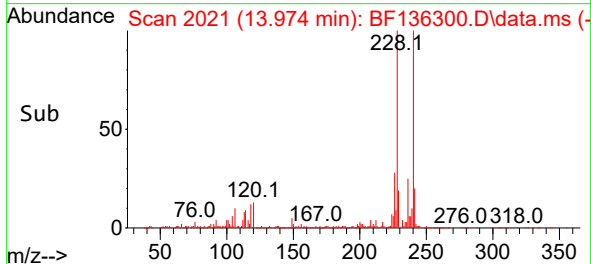
Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE



Tgt Ion:228 Resp: 11594
Ion Ratio Lower Upper
228 100
226 29.5 22.6 34.0
229 21.5 14.0 21.0

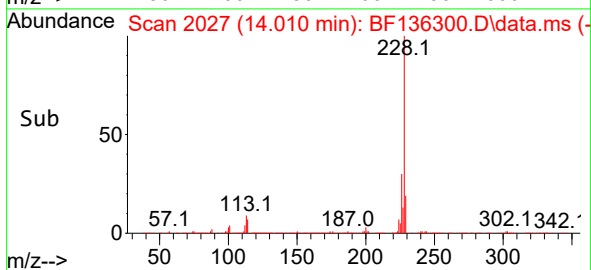
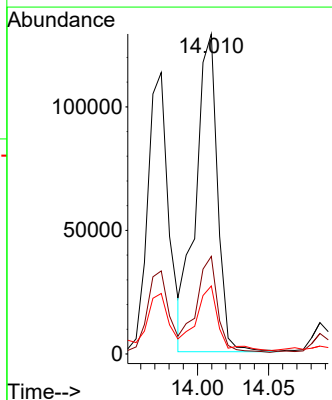
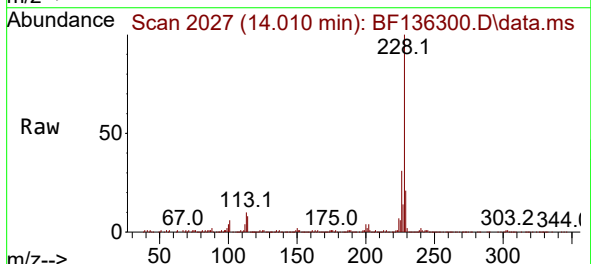
Manual Integrations
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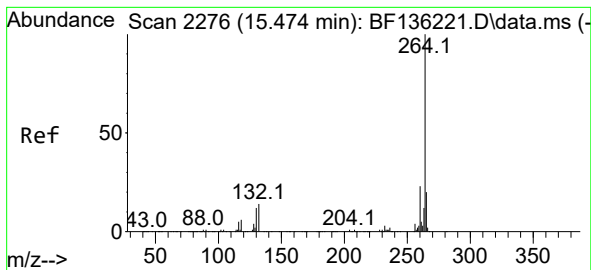
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#83
Chrysene
Concen: 6.885 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

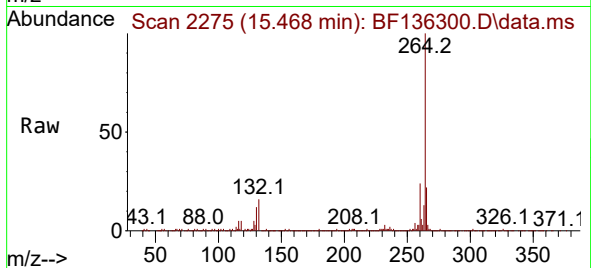
Tgt Ion:228 Resp: 137146
Ion Ratio Lower Upper
228 100
226 30.5 25.5 38.3
229 21.3 13.9 20.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

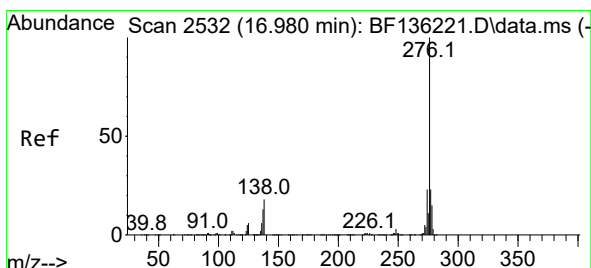
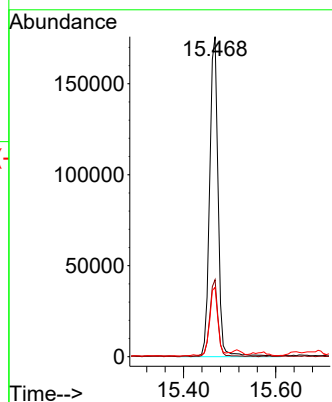
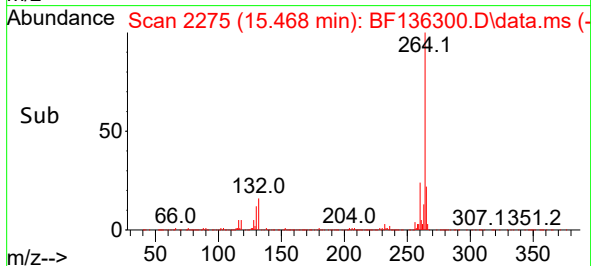
Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE



Tgt Ion:264 Resp: 226444
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 21.7 15.7 23.5

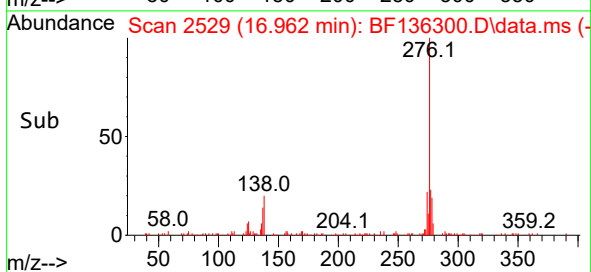
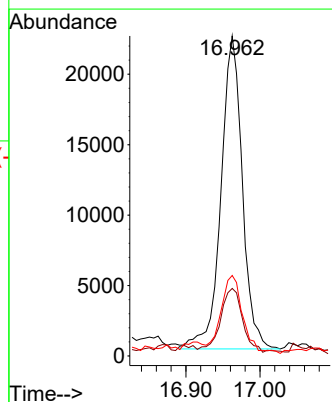
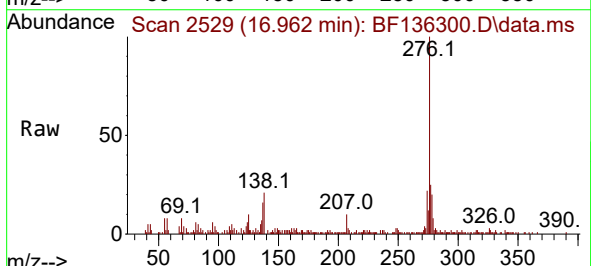
Manual Integrations
APPROVED

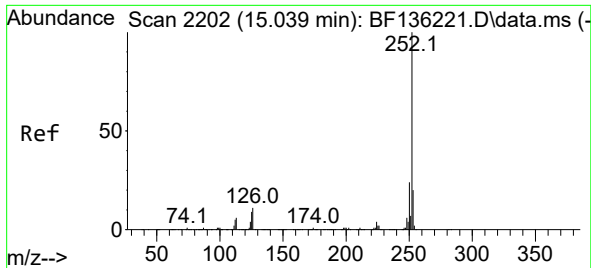
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.166 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.018 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

Tgt Ion:276 Resp: 44576
Ion Ratio Lower Upper
276 100
138 19.8 17.7 26.5
277 25.3 19.6 29.4





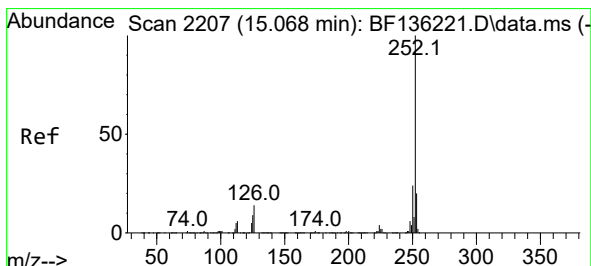
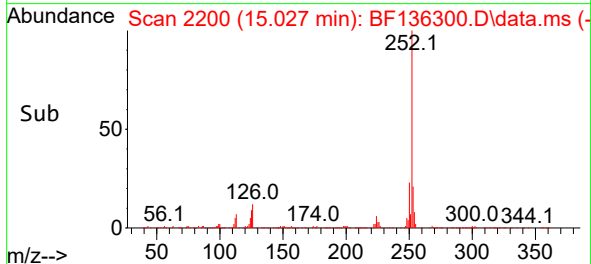
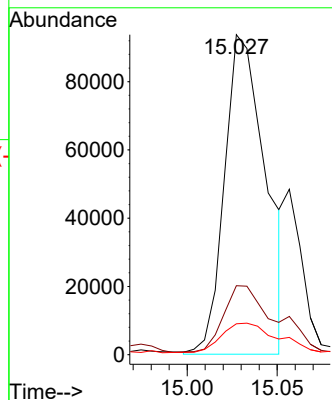
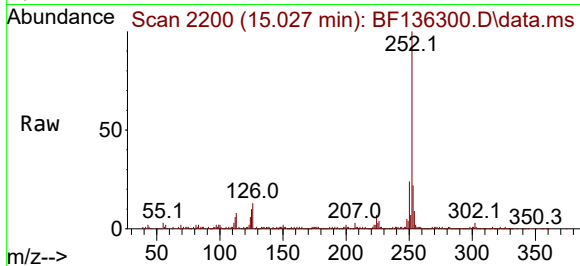
#88
Benzo(b)fluoranthene
Concen: 9.379 ng m
RT: 15.027 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

Tgt Ion:252 Resp: 14900
Ion Ratio Lower Upper
252 100
253 21.5 16.2 24.2
125 9.6 6.9 10.3

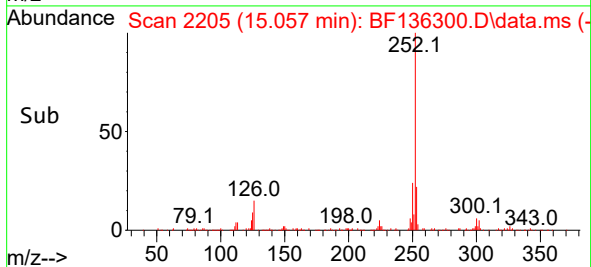
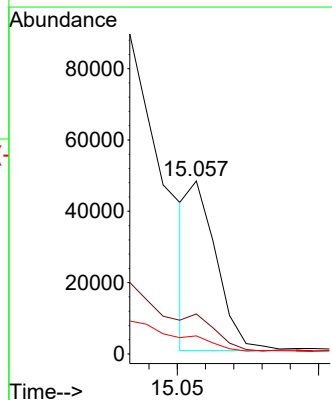
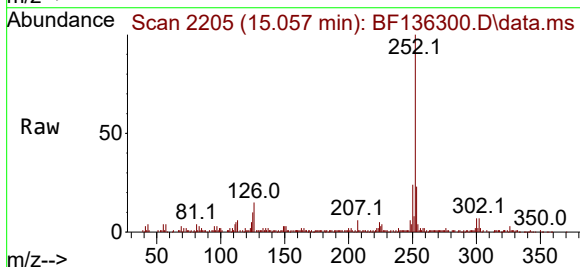
Manual Integrations
APPROVED

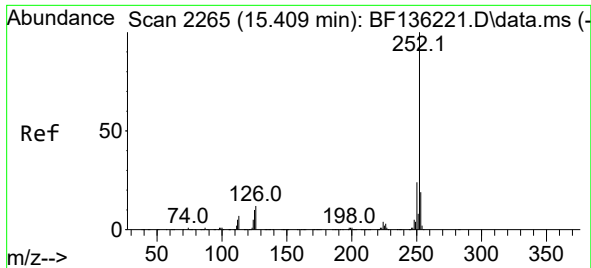
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#89
Benzo(k)fluoranthene
Concen: 2.154 ng m
RT: 15.057 min Scan# 2205
Delta R.T. -0.011 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

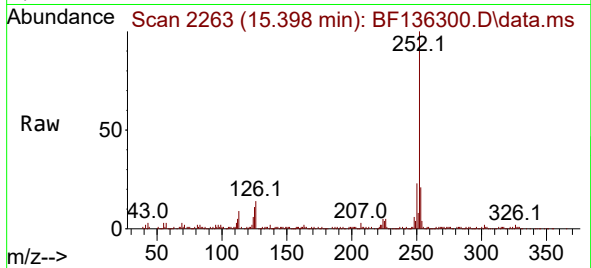
Tgt Ion:252 Resp: 32503
Ion Ratio Lower Upper
252 100
253 23.1 15.6 23.4
125 10.5 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 7.165 ng
RT: 15.398 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

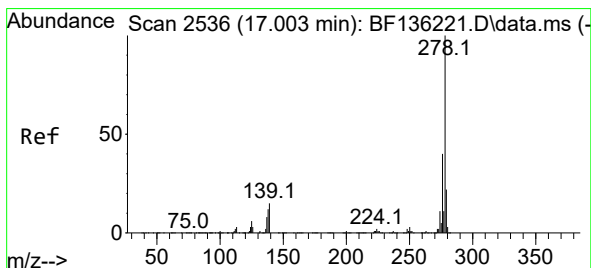
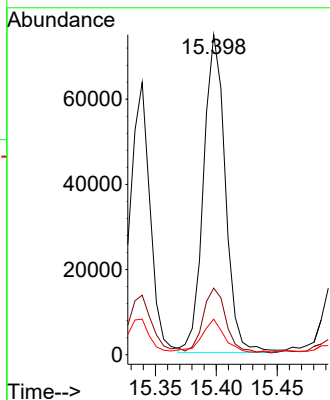
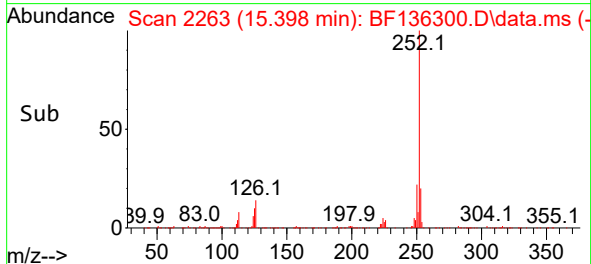
Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE



Tgt Ion:252 Resp: 93058
Ion Ratio Lower Upper
252 100
253 20.8 15.5 23.3
125 11.1 7.9 11.9

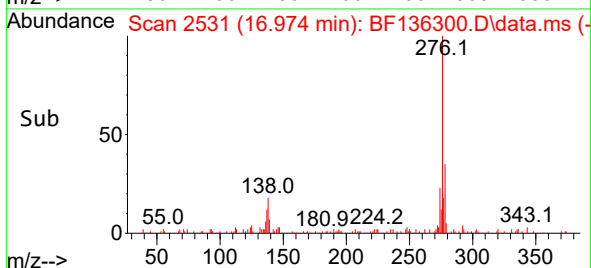
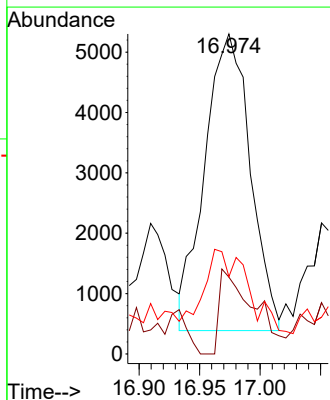
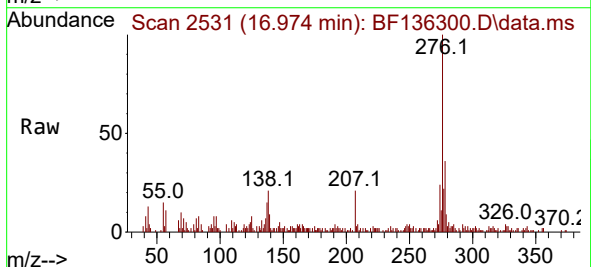
Manual Integrations
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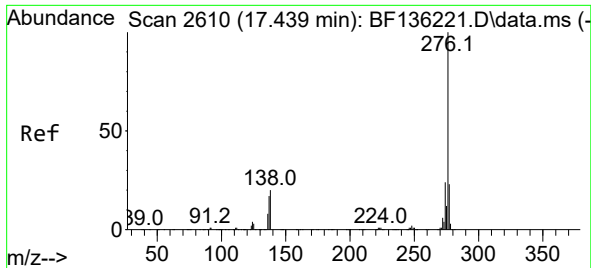
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#91
Dibenzo(a,h)anthracene
Concen: 3.607 ng m
RT: 16.974 min Scan# 2531
Delta R.T. -0.029 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

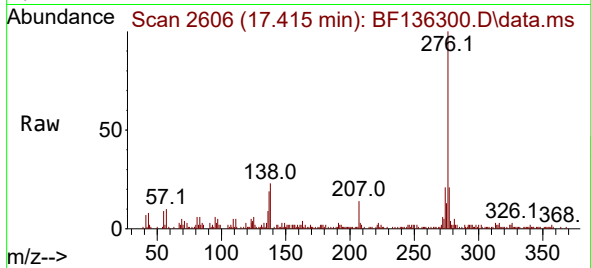
Tgt Ion:278 Resp: 12867
Ion Ratio Lower Upper
278 100
139 24.0 11.7 17.5#
279 24.1 17.8 26.8





#92
Benzo(g,h,i)perylene
Concen: 5.043 ng
RT: 17.415 min Scan# 20
Delta R.T. -0.024 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE



Tgt Ion:276 Resp: 4460
Ion Ratio Lower Upper
276 100
277 21.2 18.6 27.8
138 22.9 15.8 23.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

