

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140068.D
 Acq On : 26 Oct 2024 19:09
 Operator : RC/JU
 Sample : P4460-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-303-TOP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:10:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	142022	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	554829	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	315069	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	502958	20.000	ng	0.00
76) Chrysene-d12	14.045	240	252281	20.000	ng	0.00
86) Perylene-d12	15.527	264	282696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	761696	83.961	ng	0.00
7) Phenol-d6	6.504	99	974385	82.928	ng	0.00
23) Nitrobenzene-d5	7.445	82	596551	59.591	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	242295	82.216	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1050774	55.118	ng	0.00
79) Terphenyl-d14	12.992	244	837874	54.118	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	52803	2.223	ng	97
75) Fluoranthene	12.621	202	78278	3.259	ng	99
78) Pyrene	12.851	202	97847	4.431	ng	98
81) Benzo(a)anthracene	14.039	228	47020	2.863	ng #	79
83) Chrysene	14.068	228	36661	2.435	ng #	92
88) Benzo(b)fluoranthene	15.092	252	34923m	2.028	ng	
90) Benzo(a)pyrene	15.456	252	40332	2.846	ng	94

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

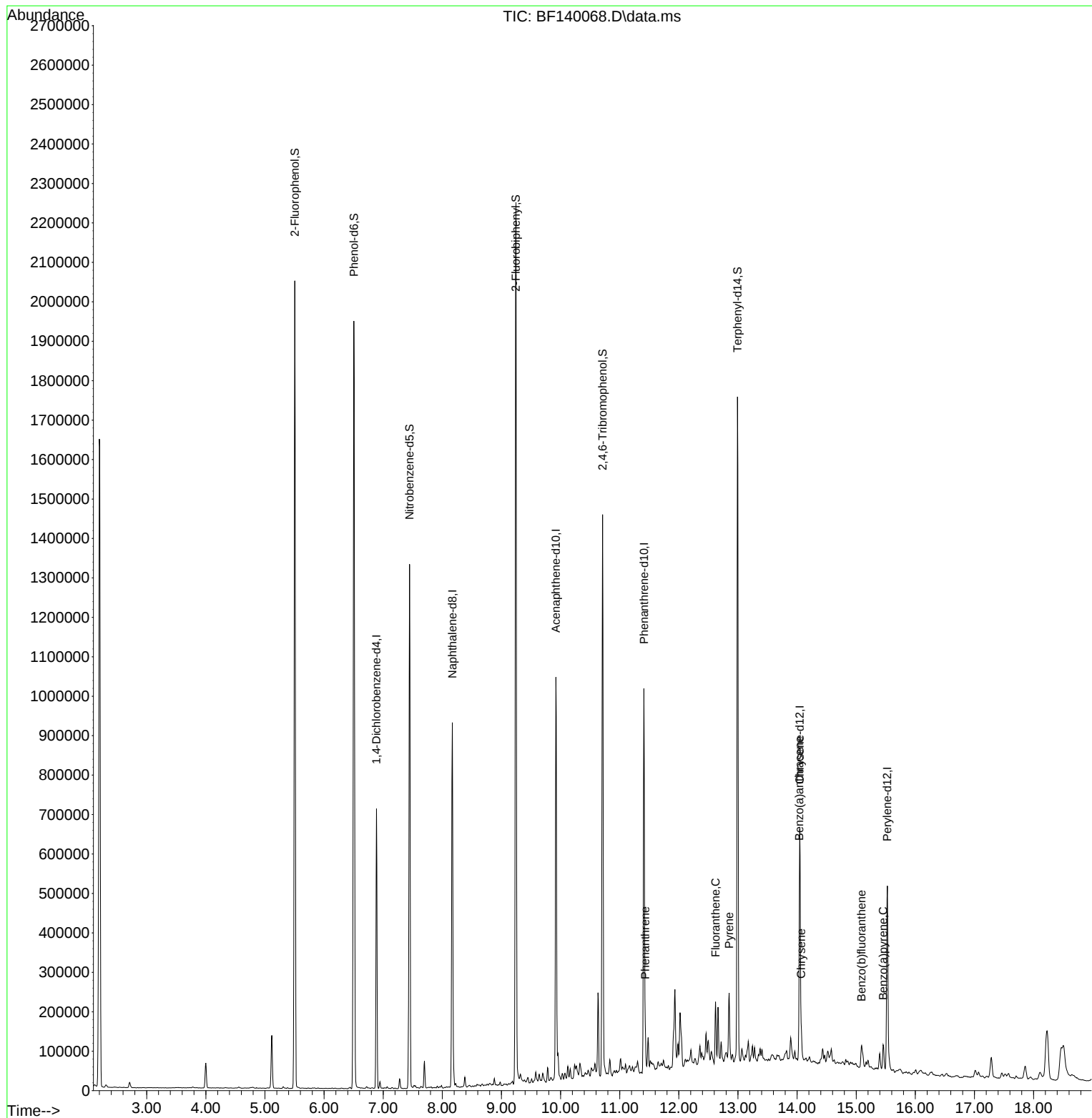
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140068.D
Acq On : 26 Oct 2024 19:09
Operator : RC/JU
Sample : P4460-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

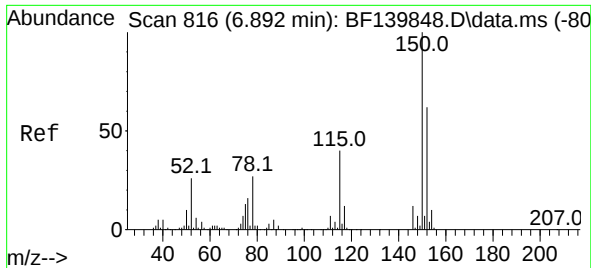
Instrument :
BNA_F
ClientSampleId :
WB-303-TOP

Quant Time: Oct 28 01:10:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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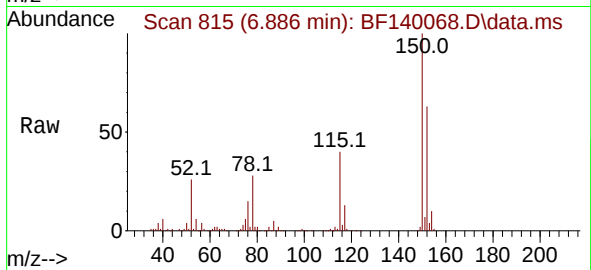
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

Instrument :

BNA_F

ClientSampleId :

WB-303-TOP

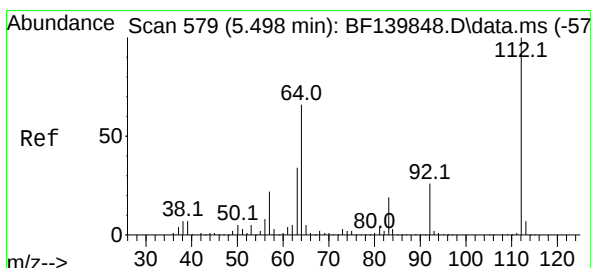
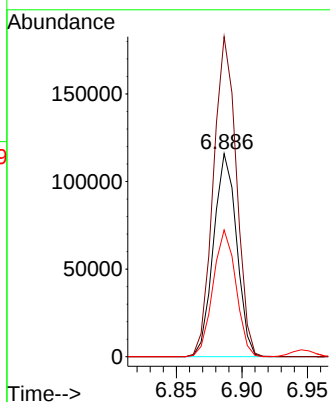
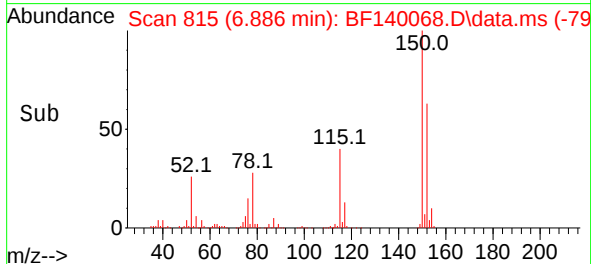


Tgt Ion:152 Resp: 14202
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.2
115 62.4 51.4 77.2

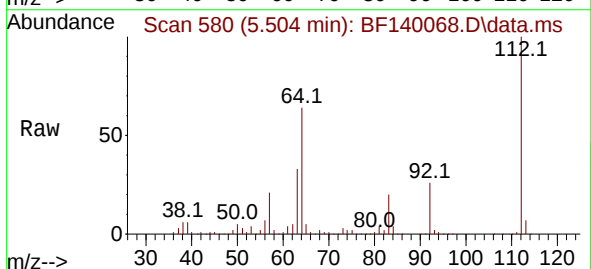
Manual Integrations

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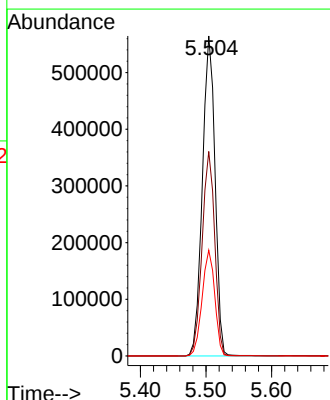
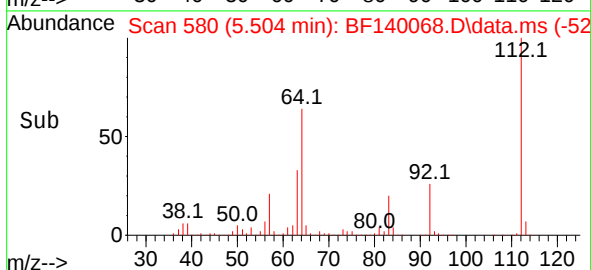
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

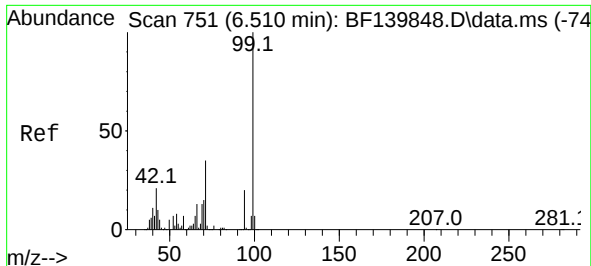


#5
2-Fluorophenol
Concen: 83.961 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09



Tgt Ion:112 Resp: 761696
Ion Ratio Lower Upper
112 100
64 63.9 53.0 79.6
63 33.1 27.0 40.4





#7

Phenol-d6

Concen: 82.928 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140068.D

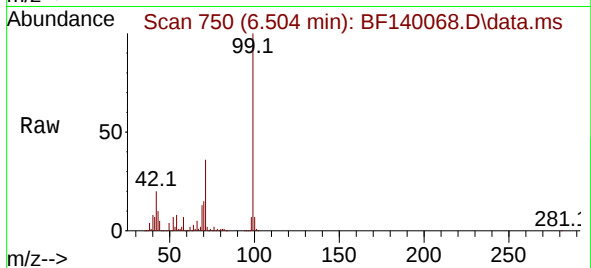
Acq: 26 Oct 2024 19:09

Instrument :

BNA_F

ClientSampleId :

WB-303-TOP

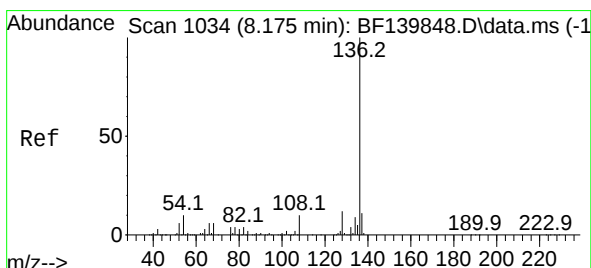
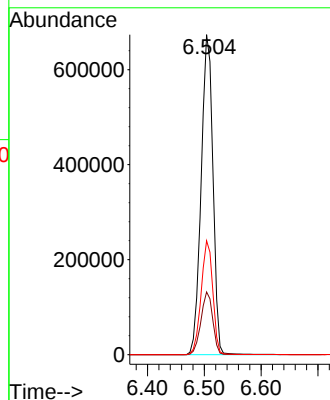
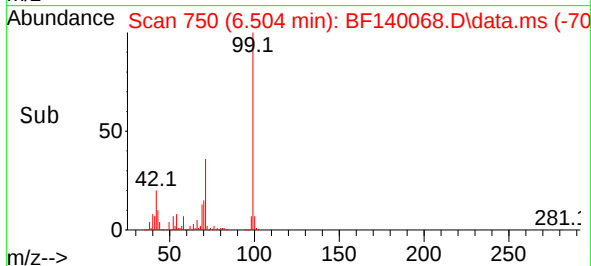


Tgt Ion: 99 Resp: 97438

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.7	25.1
71	35.6	27.7	41.5

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Supervised By :mohammad ahmed 10/29/2024



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1033

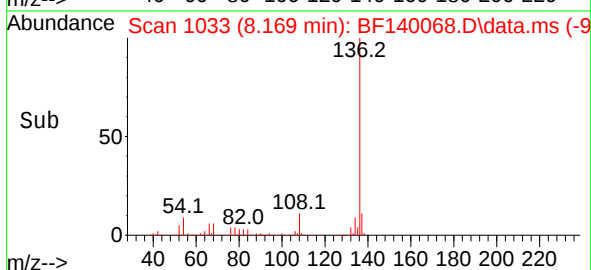
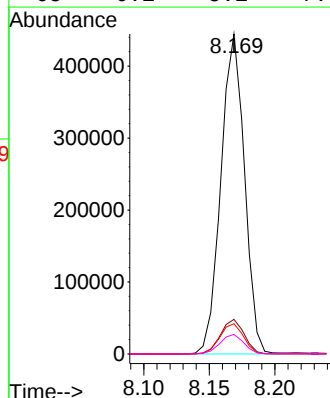
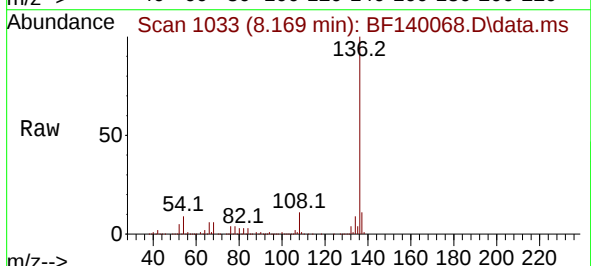
Delta R.T. -0.006 min

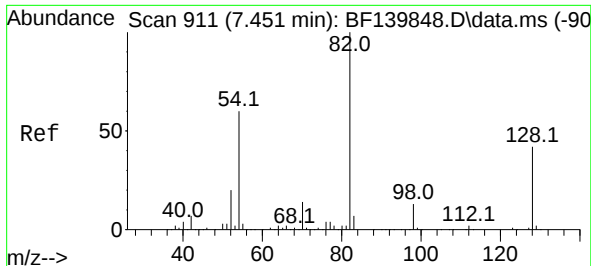
Lab File: BF140068.D

Acq: 26 Oct 2024 19:09

Tgt Ion:136 Resp: 554829

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.5	8.4	12.6
68	6.1	5.1	7.7





#23

Nitrobenzene-d5

Concen: 59.591 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140068.D

Acq: 26 Oct 2024 19:09

Instrument :

BNA_F

ClientSampleId :

WB-303-TOP

Tgt Ion: 82 Resp: 59655

Ion Ratio Lower Upper

82 100

128 43.4 33.4 50.0

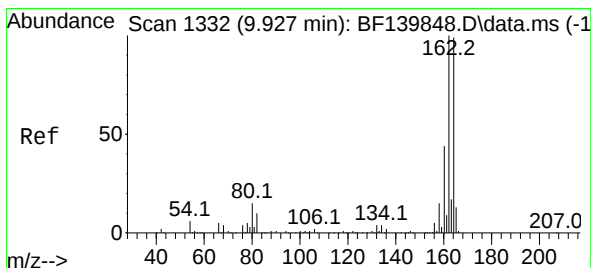
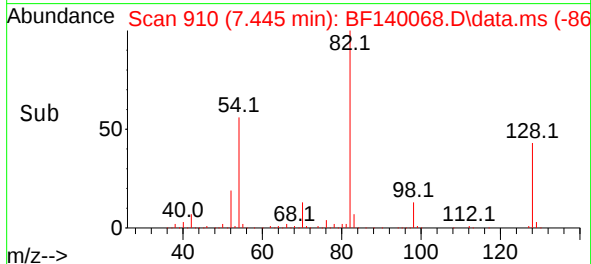
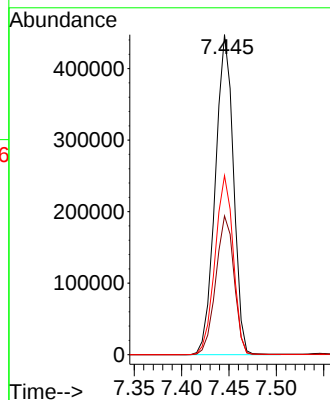
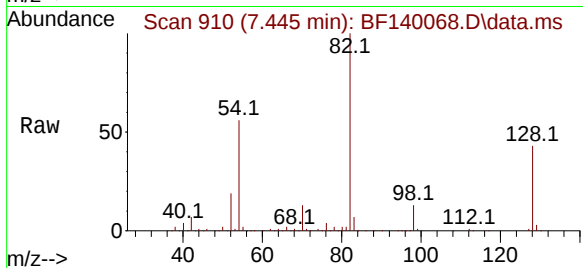
54 56.0 47.8 71.8

Manual Integrations

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Supervised By :mohammad ahmed 10/29/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140068.D

Acq: 26 Oct 2024 19:09

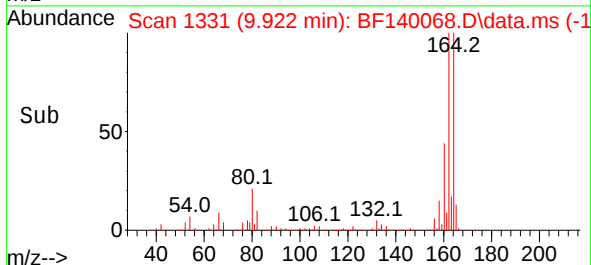
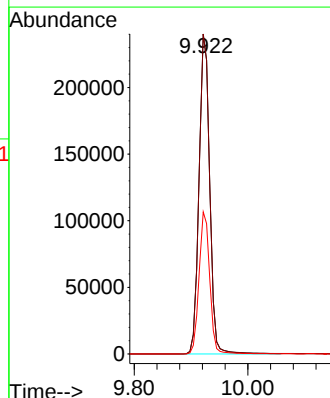
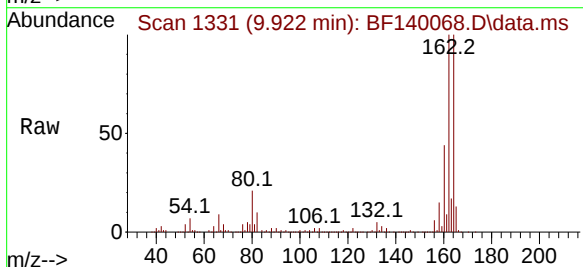
Tgt Ion:164 Resp: 315069

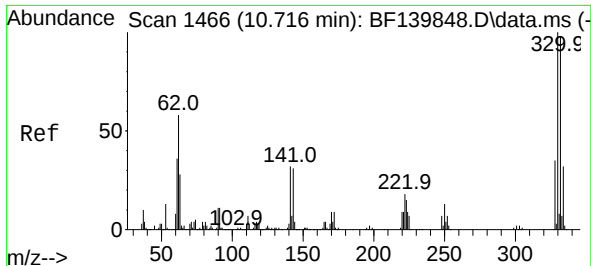
Ion Ratio Lower Upper

164 100

162 100.1 81.0 121.4

160 44.4 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 82.216 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

Instrument :

BNA_F

ClientSampleId :

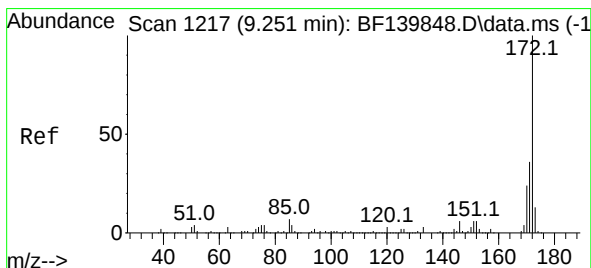
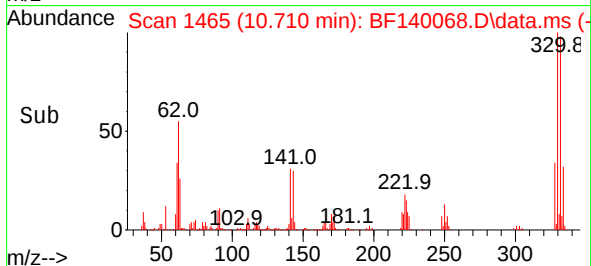
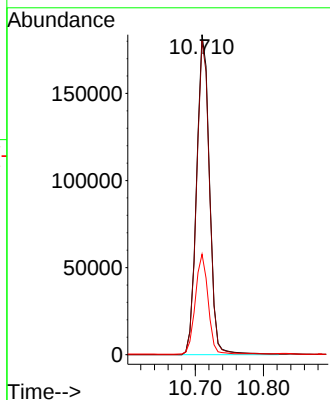
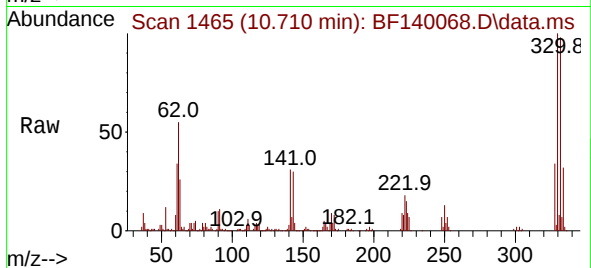
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Tgt Ion:330 Resp: 242294
Ion Ratio Lower Upper
330 100
332 97.8 78.1 117.1
141 30.7 26.6 39.8

Manual Integrations

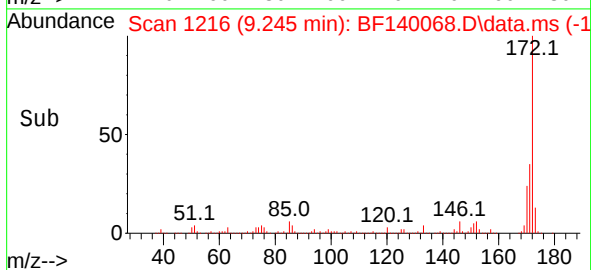
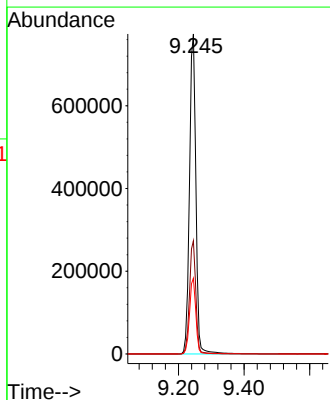
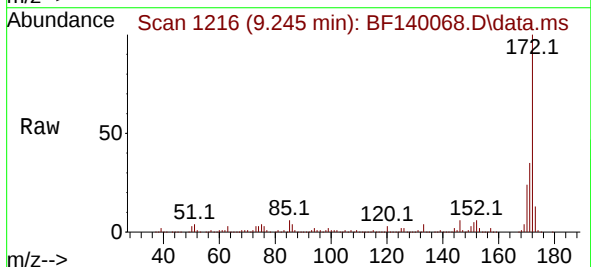
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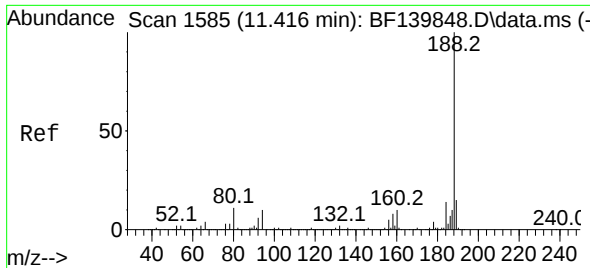
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#45
2-Fluorobiphenyl
Concen: 55.118 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

Tgt Ion:172 Resp: 1050774
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.6 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

Instrument :

BNA_F

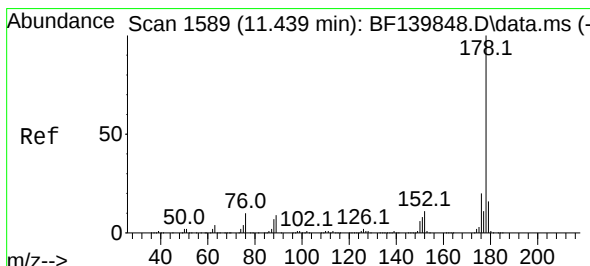
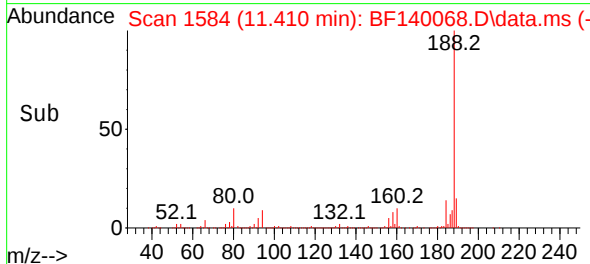
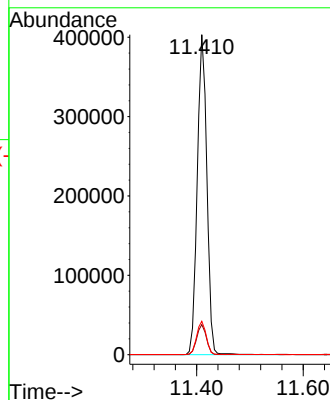
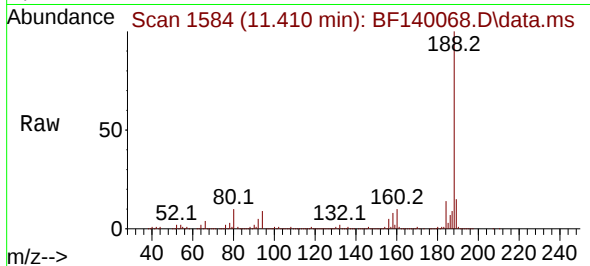
ClientSampleId :

WB-303-TOP

Tgt Ion:188 Resp: 50295
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.4 9.0 13.4

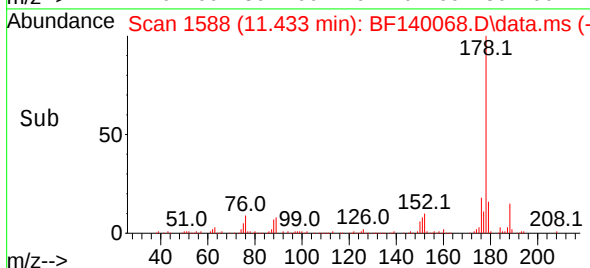
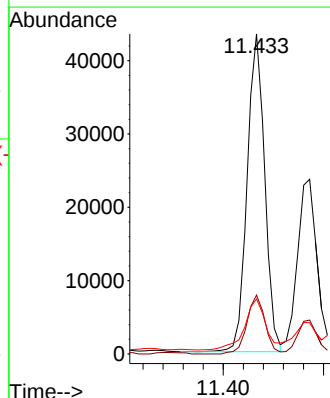
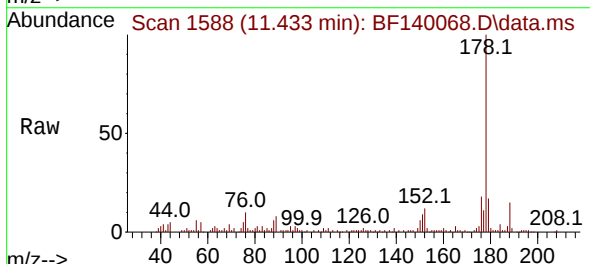
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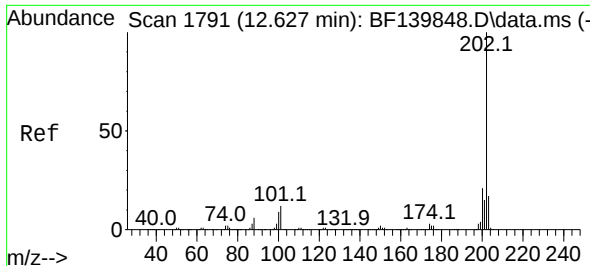
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#71
Phenanthrene
Concen: 2.223 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

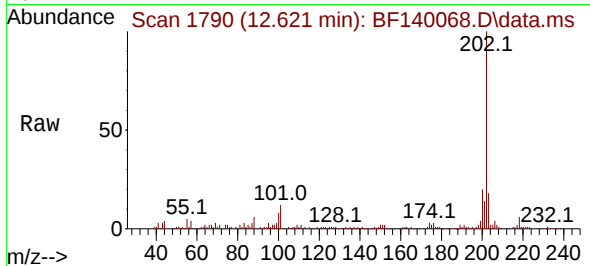
Tgt Ion:178 Resp: 52803
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.6
179 17.2 12.6 18.8





#75
Fluoranthene
Concen: 3.259 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

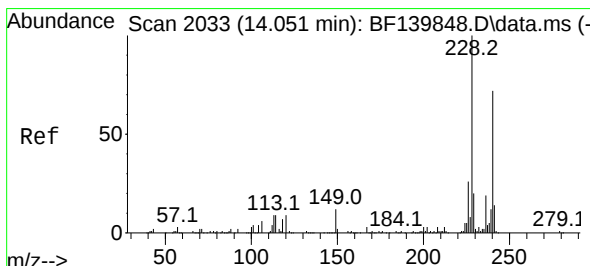
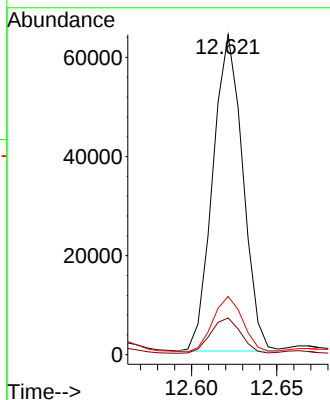
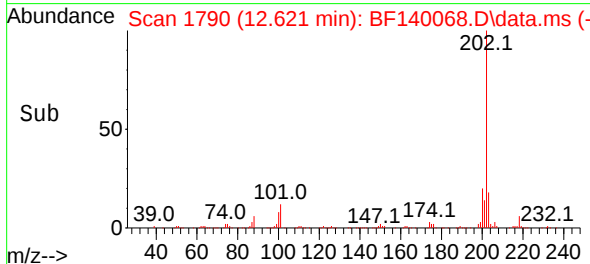
Instrument :
BNA_F
ClientSampleId :
WB-303-TOP



Tgt Ion:202 Resp: 78278
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.9
203 18.2 0.0 37.5

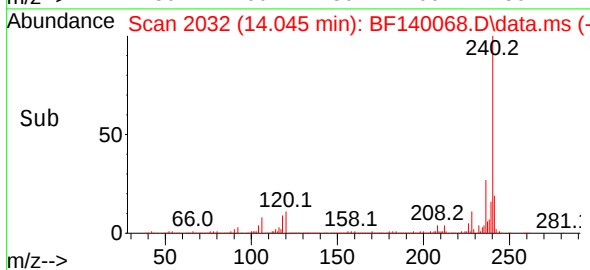
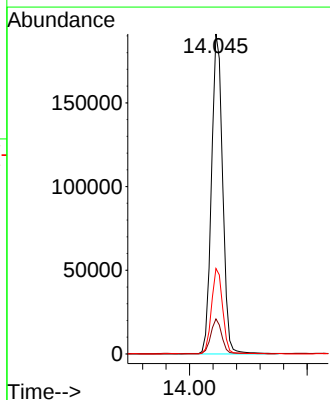
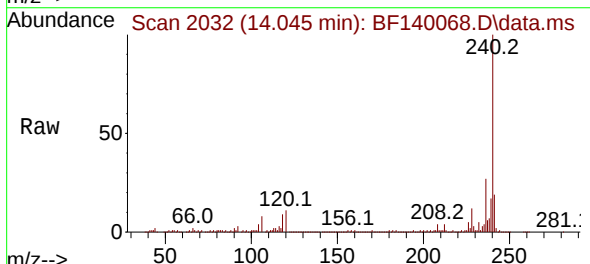
Manual Integrations
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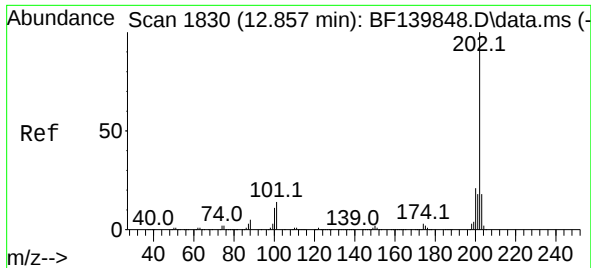
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

Tgt Ion:240 Resp: 252281
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 26.7 20.9 31.3





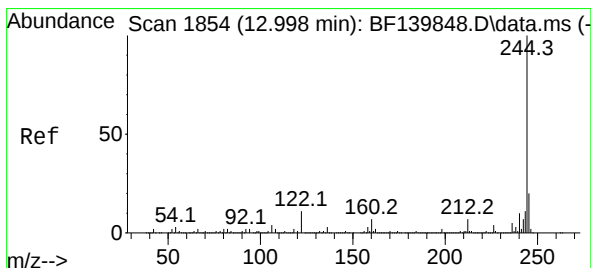
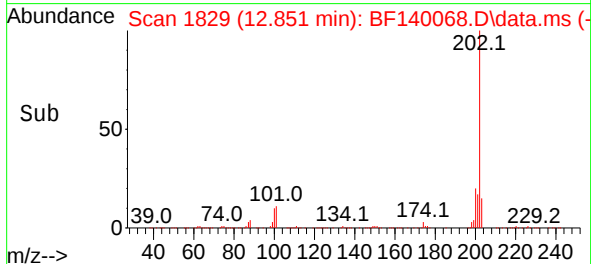
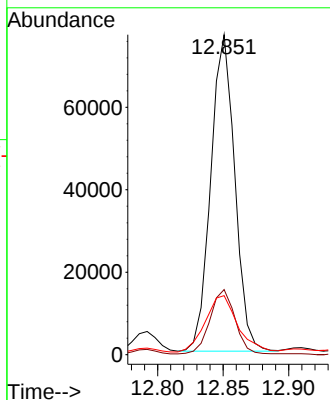
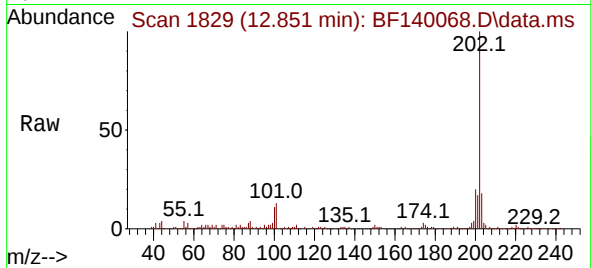
#78
Pyrene
Concen: 4.431 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

Instrument :
BNA_F
ClientSampleId :
WB-303-TOP

Tgt Ion:202 Resp: 9784
Ion Ratio Lower Upper
202 100
200 20.4 17.2 25.8
203 18.4 14.2 21.4

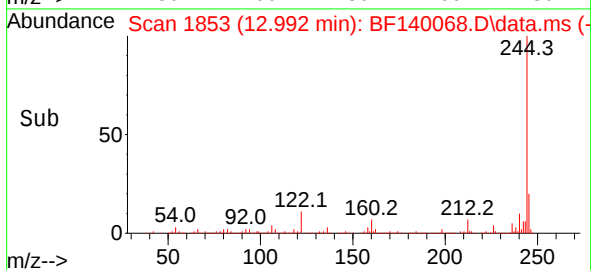
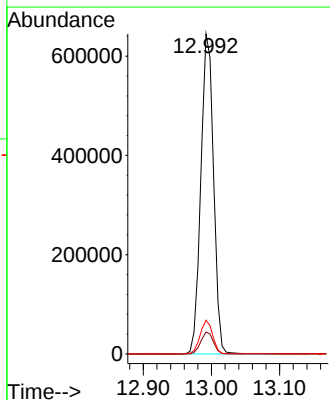
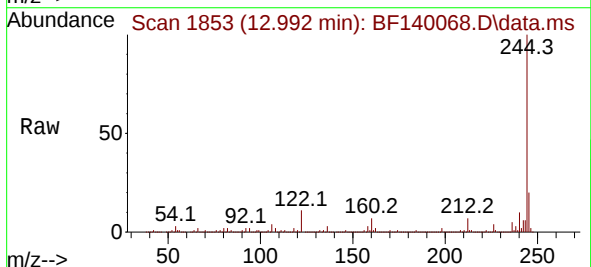
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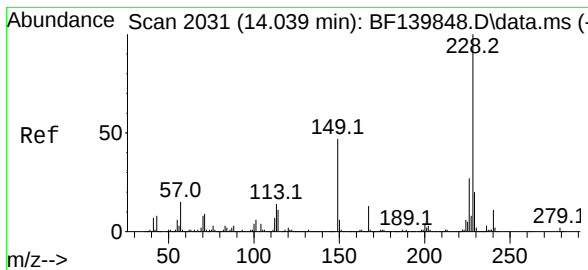
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#79
Terphenyl-d14
Concen: 54.118 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

Tgt Ion:244 Resp: 837874
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.5 8.6 13.0





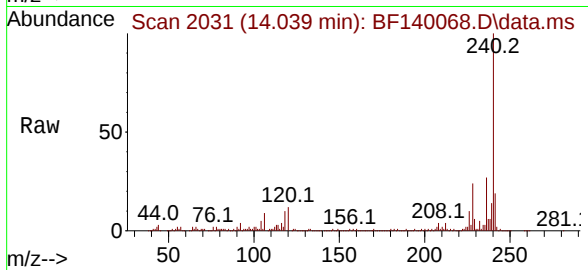
#81
Benzo(a)anthracene
Concen: 2.863 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

Instrument :

BNA_F

ClientSampleId :

WB-303-TOP



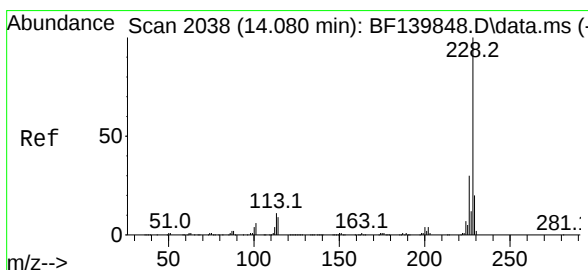
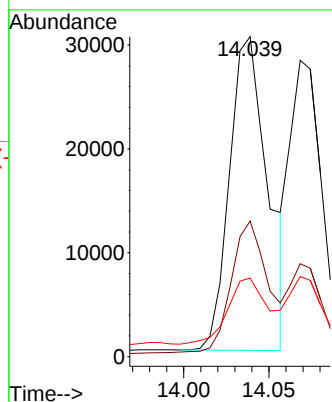
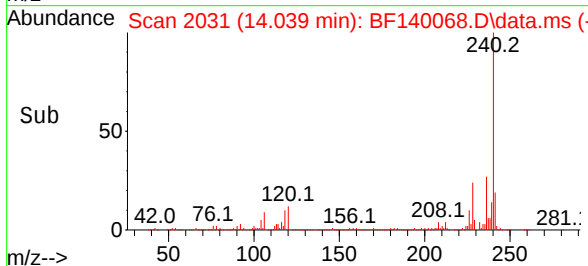
Tgt Ion:228 Resp: 47020
Ion Ratio Lower Upper
228 100
226 42.4 21.6 32.4
229 24.6 16.1 24.1

Manual Integrations

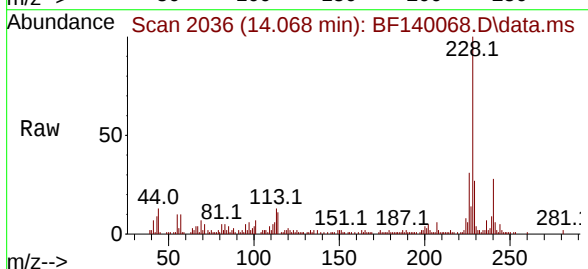
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

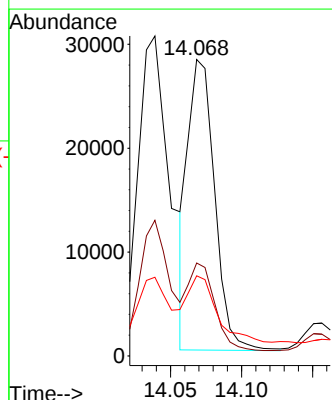
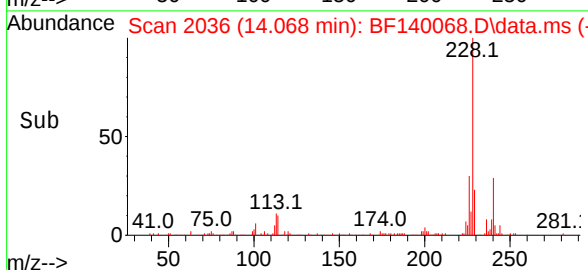
Supervised By :mohammad ahmed 10/29/2024

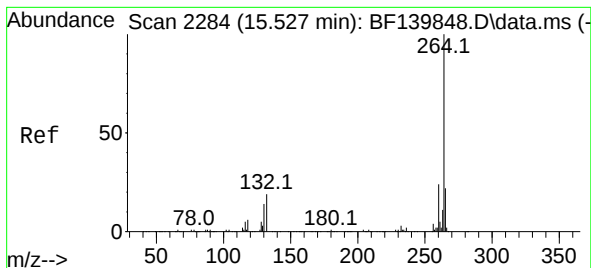


#83
Chrysene
Concen: 2.435 ng
RT: 14.068 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09



Tgt Ion:228 Resp: 36661
Ion Ratio Lower Upper
228 100
226 31.4 24.1 36.1
229 27.0 15.8 23.6





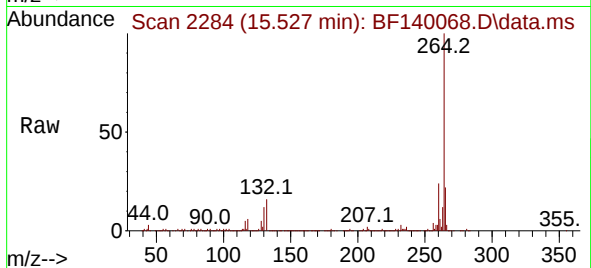
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

Instrument :

BNA_F

ClientSampleId :

WB-303-TOP

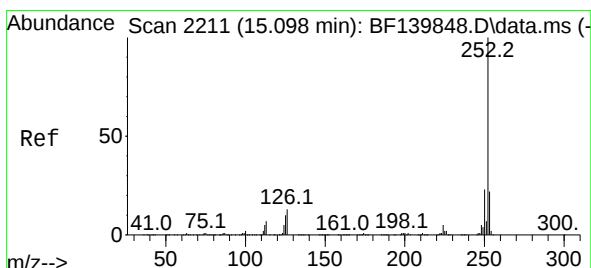
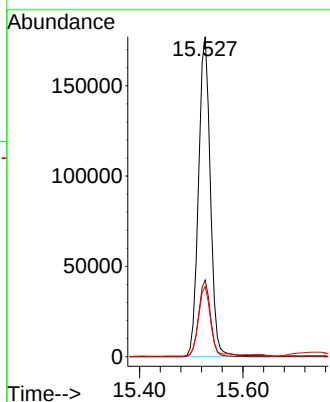
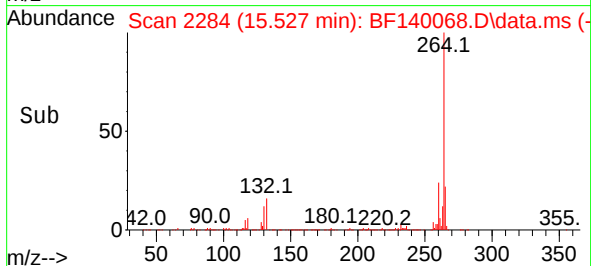


Tgt Ion:264 Resp: 282690
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.9 17.4 26.0

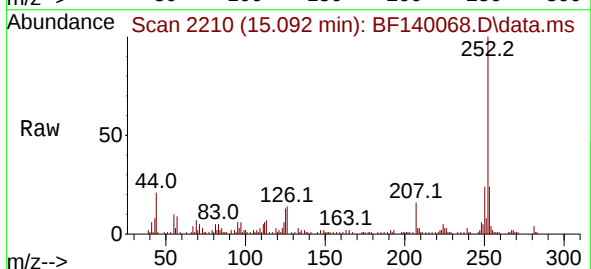
Manual Integrations

APPROVED

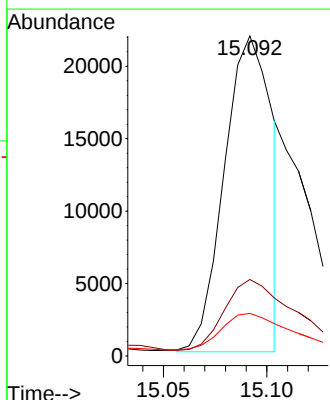
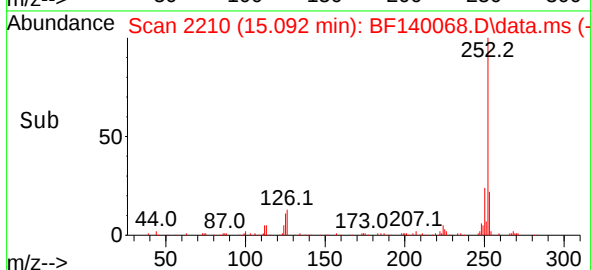
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

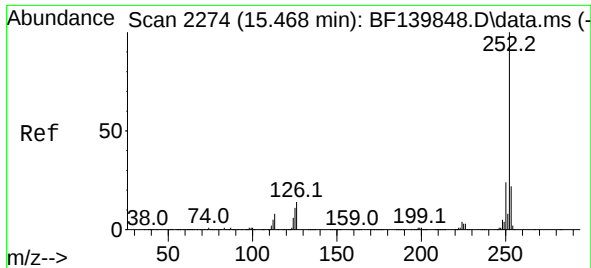


#88
Benzo(b)fluoranthene
Concen: 2.028 ng m
RT: 15.092 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09



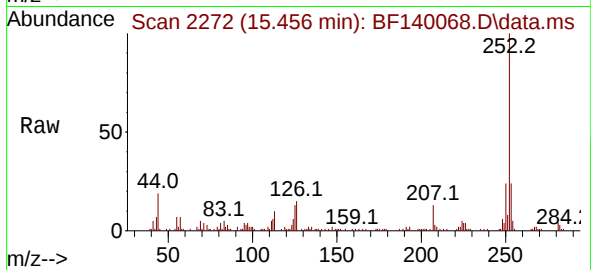
Tgt Ion:252 Resp: 34923
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 13.3 7.9 11.9#





#90
Benzo(a)pyrene
Concen: 2.846 ng
RT: 15.456 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140068.D
Acq: 26 Oct 2024 19:09

Instrument :
BNA_F
ClientSampleId :
WB-303-TOP



Tgt Ion:252 Resp: 4033
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 12.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

