

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139641.D
 Acq On : 03 Oct 2024 19:50
 Operator : RC/JU
 Sample : P4236-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 04 01:16:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84294	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	320629	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	175157	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	316638	20.000	ng	0.00
76) Chrysene-d12	14.021	240	173708	20.000	ng	-0.01
86) Perylene-d12	15.492	264	192041	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	486702	100.075	ng	0.00
7) Phenol-d6	6.492	99	642112	98.180	ng	-0.01
23) Nitrobenzene-d5	7.428	82	417265	65.890	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	155547	91.993	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	719612	63.071	ng	0.00
79) Terphenyl-d14	12.969	244	661303	62.466	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	90384	6.054	ng	99
75) Fluoranthene	12.598	202	127349	7.803	ng	99
78) Pyrene	12.827	202	119338	7.681	ng	99
81) Benzo(a)anthracene	14.016	228	53691	4.701	ng	97
83) Chrysene	14.051	228	42584	4.078	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	22849	2.021	ng	95
88) Benzo(b)fluoranthene	15.068	252	49043m	3.950	ng	
90) Benzo(a)pyrene	15.427	252	37891	3.870	ng	99
92) Benzo(g,h,i)perylene	17.398	276	22187	2.360	ng	99

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

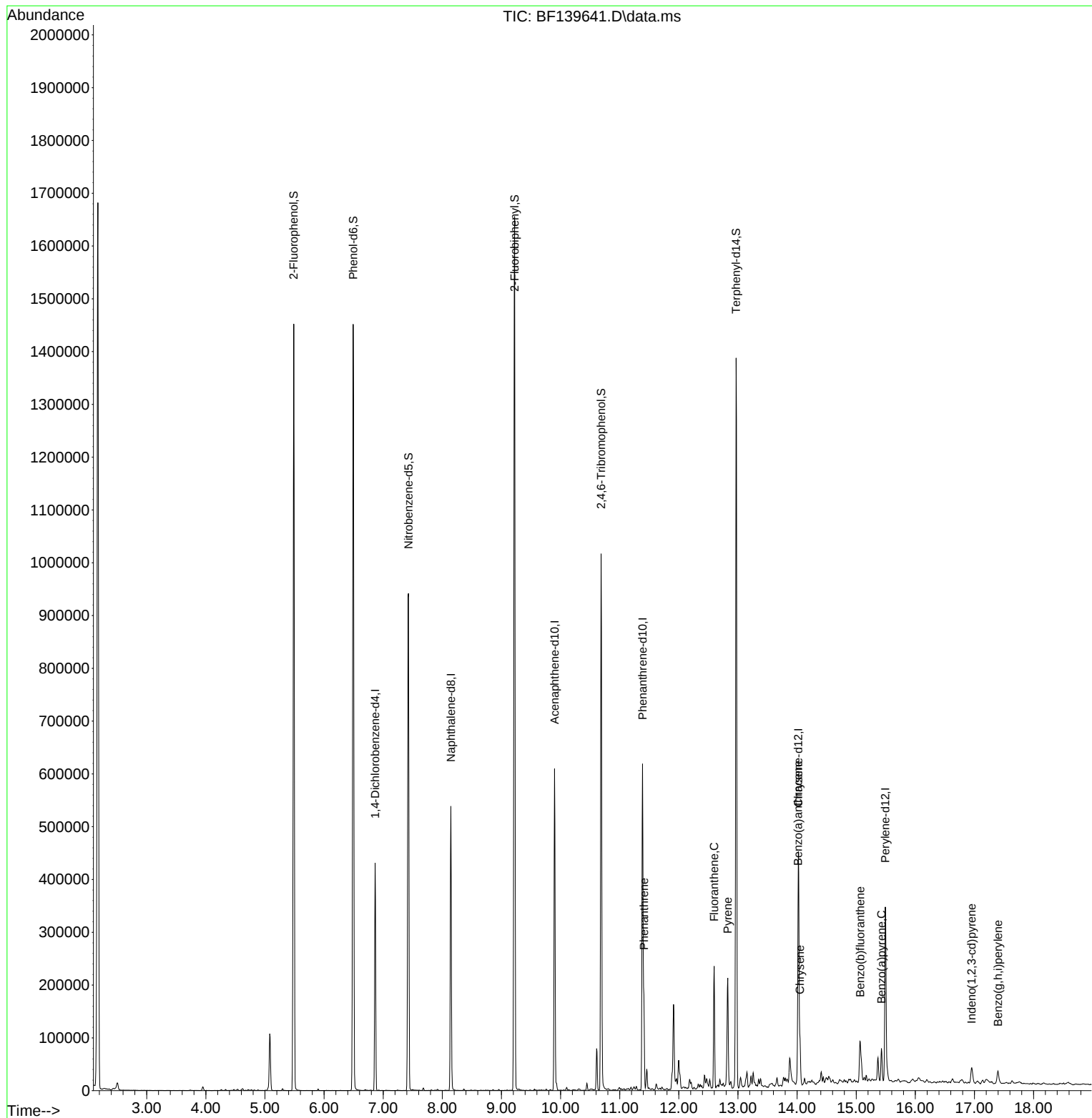
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139641.D
Acq On : 03 Oct 2024 19:50
Operator : RC/JU
Sample : P4236-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

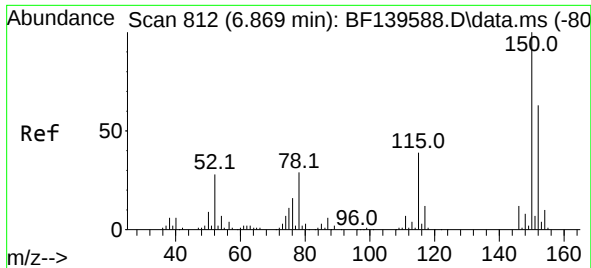
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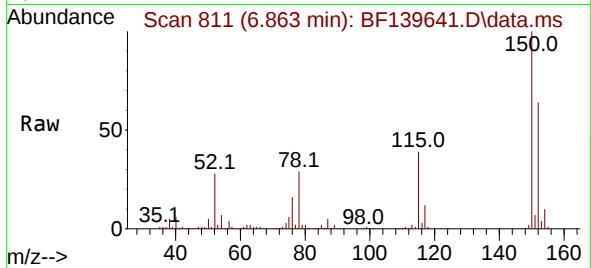
Quant Time: Oct 04 01:16:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

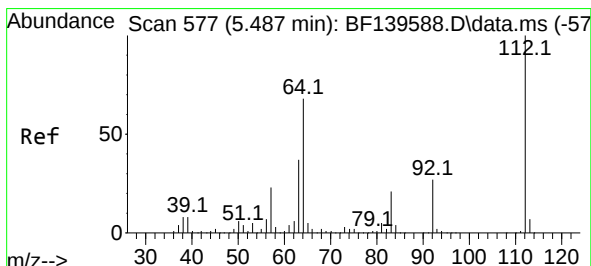
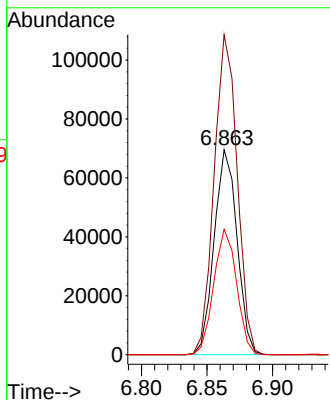
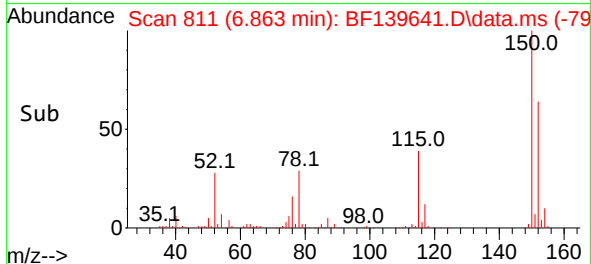
Instrument :
BNA_F
ClientSampleId :
TP1



Tgt Ion:152 Resp: 84294
Ion Ratio Lower Upper
152 100
150 156.2 127.2 190.8
115 61.2 49.0 73.4

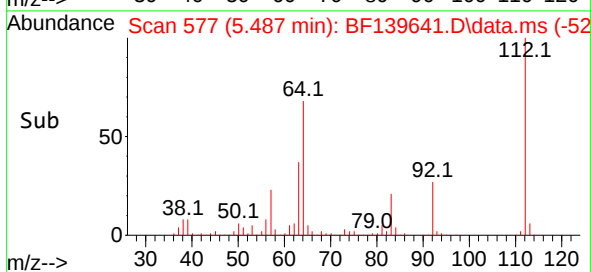
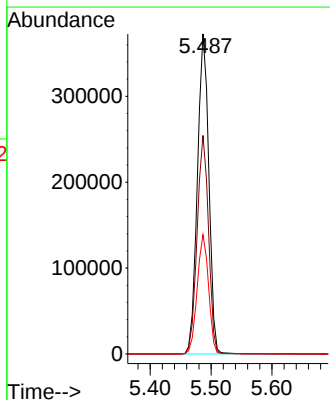
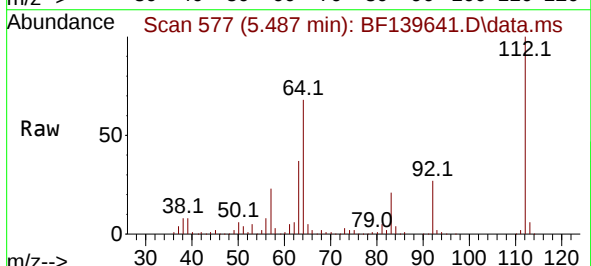
Manual Integrations
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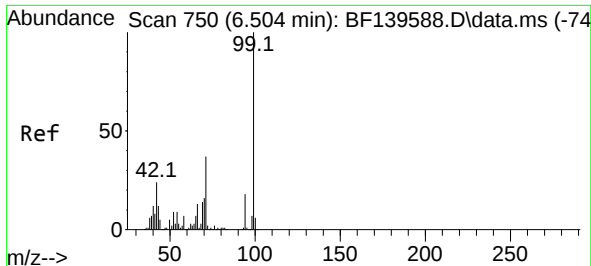
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/05/2024



#5
2-Fluorophenol
Concen: 100.075 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

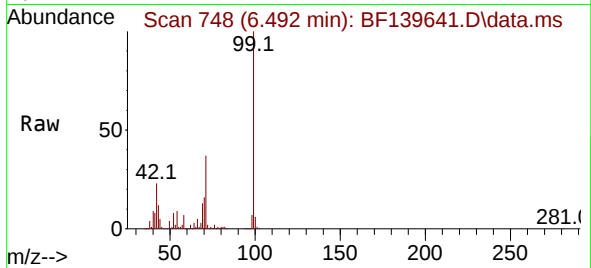
Tgt Ion:112 Resp: 486702
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 37.3 29.4 44.2





#7
Phenol-d6
Concen: 98.180 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

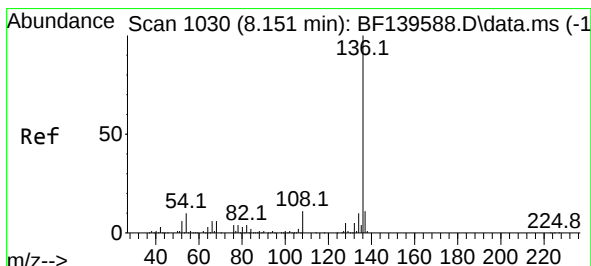
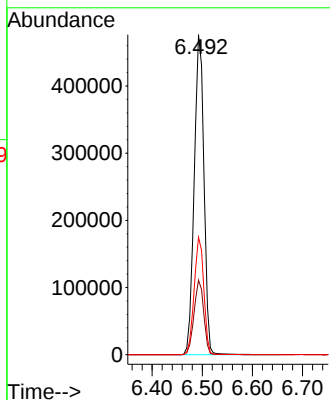
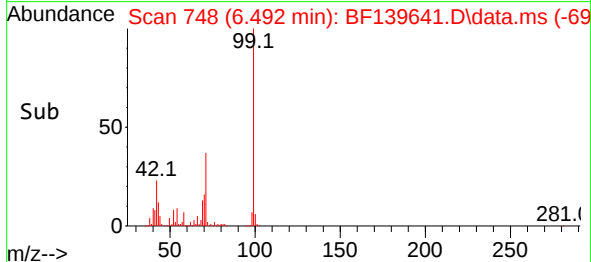
Instrument :
BNA_F
ClientSampleId :
TP1



Tgt Ion: 99 Resp: 64211
Ion Ratio Lower Upper
99 100
42 23.3 19.1 28.7
71 36.7 29.7 44.5

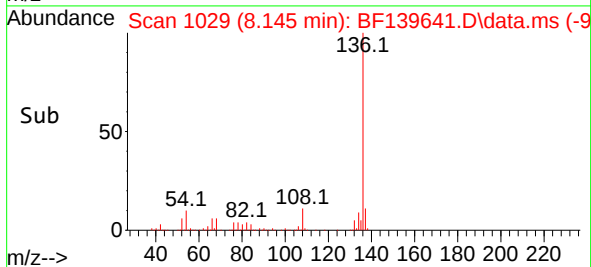
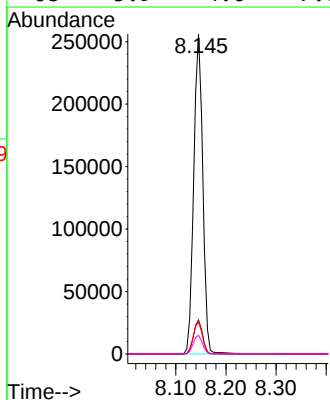
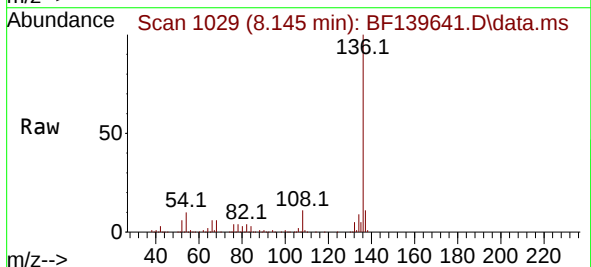
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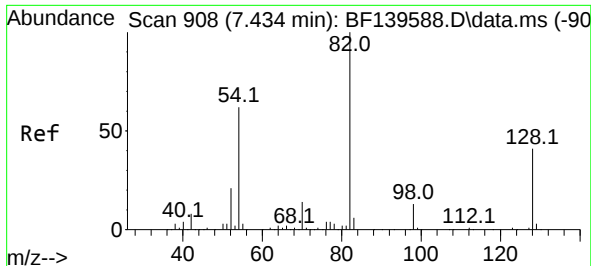
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/05/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

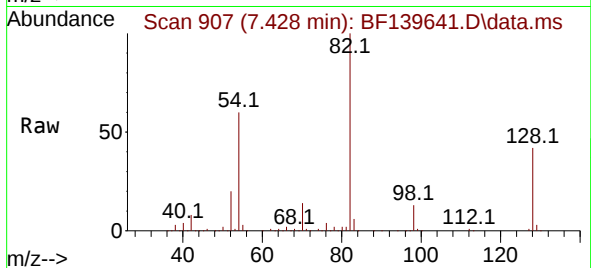
Tgt Ion:136 Resp: 320629
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.0 8.3 12.5
68 5.9 4.6 7.0





#23
Nitrobenzene-d5
Concen: 65.890 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

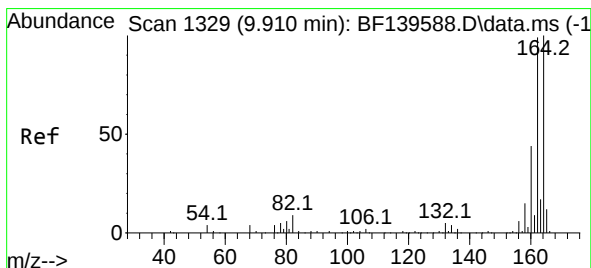
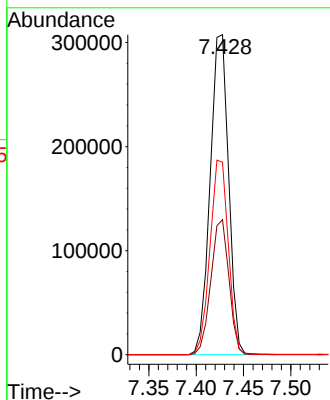
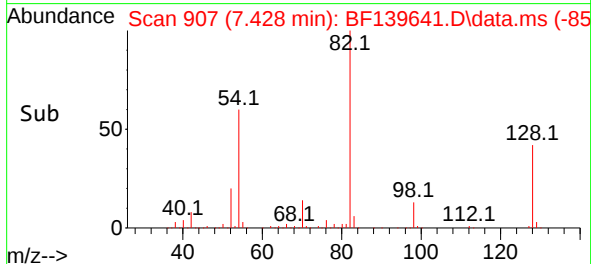
Instrument :
BNA_F
ClientSampleId :
TP1



Tgt Ion: 82 Resp: 41726
Ion Ratio Lower Upper
82 100
128 42.2 32.4 48.6
54 60.2 49.1 73.7

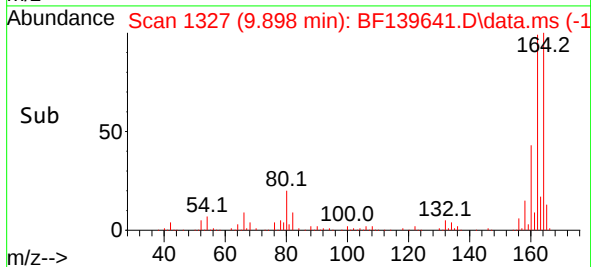
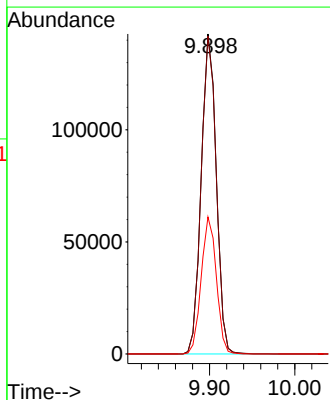
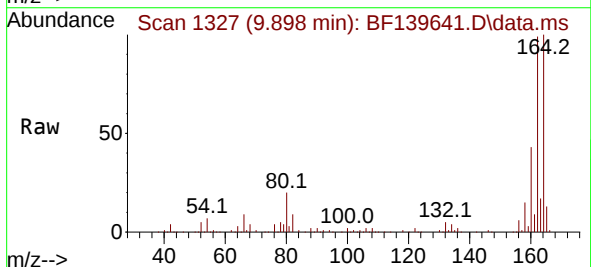
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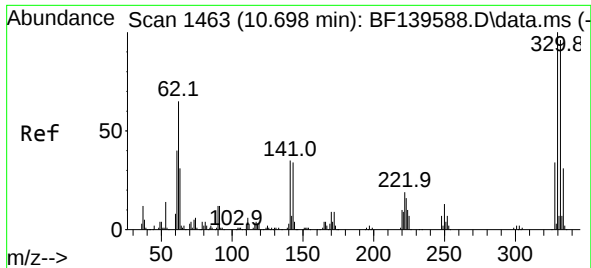
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/05/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

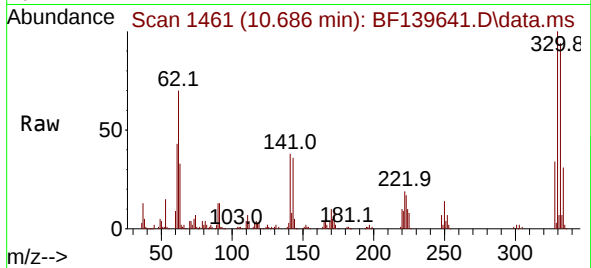
Tgt Ion:164 Resp: 175157
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 42.8 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 91.993 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

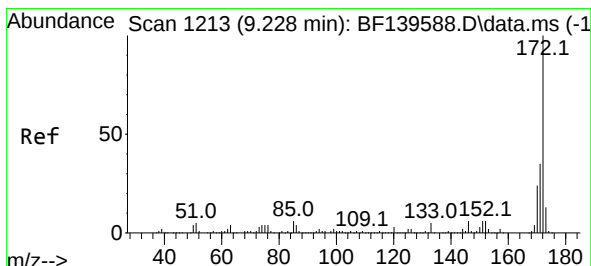
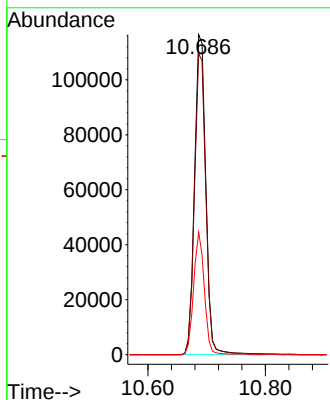
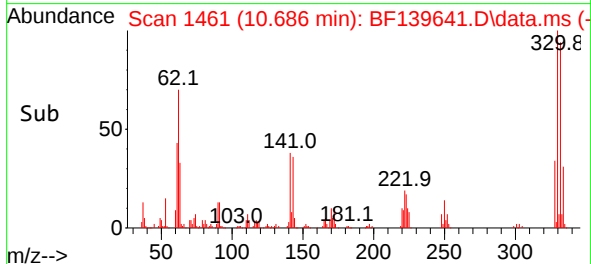
Instrument :
BNA_F
ClientSampleId :
TP1



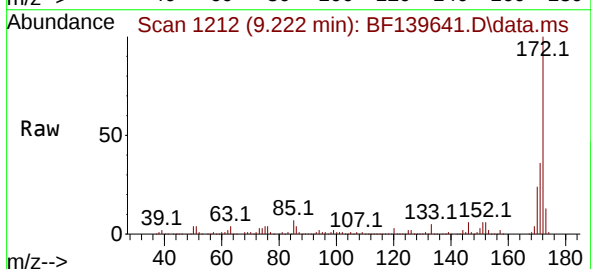
Tgt Ion: 330 Resp: 15554
Ion Ratio Lower Upper
330 100
332 94.4 76.5 114.7
141 36.2 29.3 43.9

Manual Integrations
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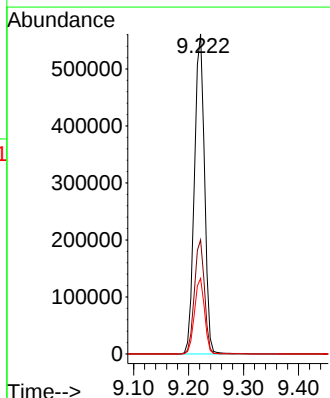
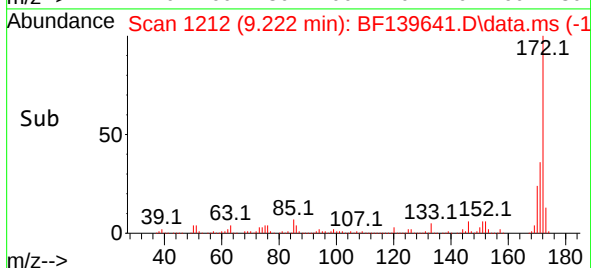
Reviewed By : Yogesh Patel 10/05/2024
Supervised By : mohammad ahmed 10/05/2024



#45
2-Fluorobiphenyl
Concen: 63.071 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50



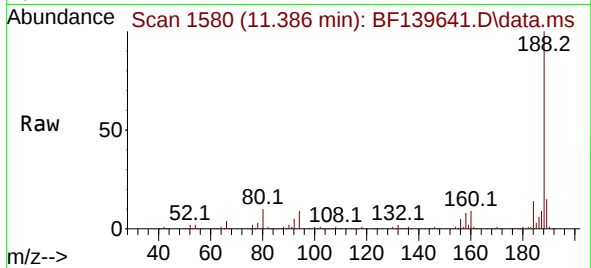
Tgt Ion: 172 Resp: 719612
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

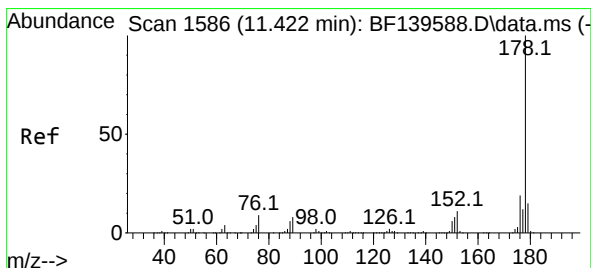
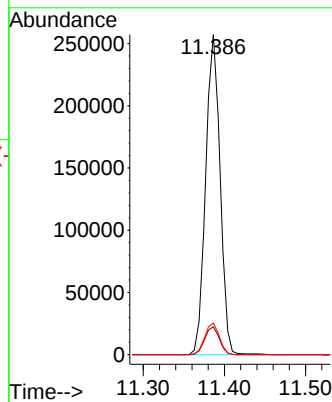
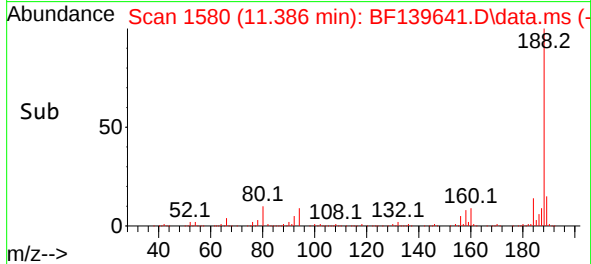
Instrument :
BNA_F
ClientSampleId :
TP1



Tgt Ion:188 Resp: 316638
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.9 8.2 12.2

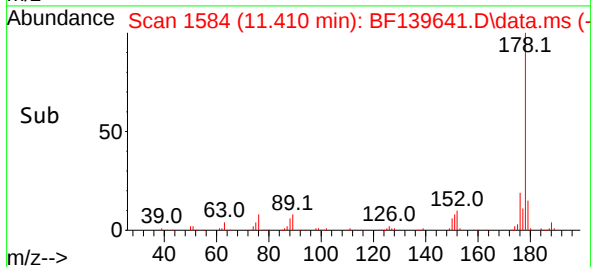
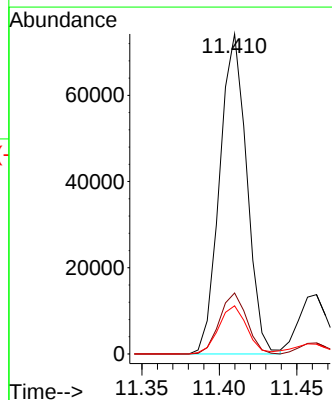
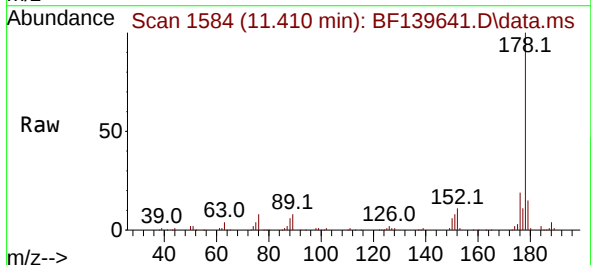
Manual Integrations
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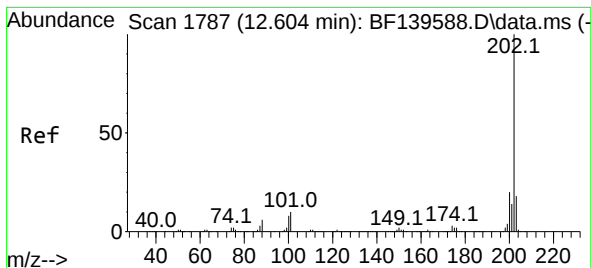
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/05/2024



#71
Phenanthrene
Concen: 6.054 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

Tgt Ion:178 Resp: 90384
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.1 12.3 18.5





#75

Fluoranthene

Concen: 7.803 ng

RT: 12.598 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139641.D

Acq: 03 Oct 2024 19:50

Instrument :

BNA_F

ClientSampleId :

TP1

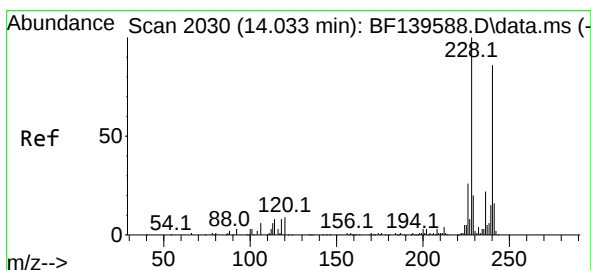
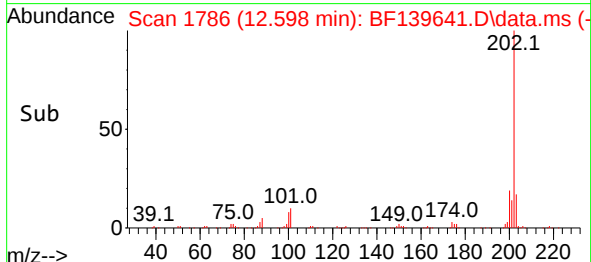
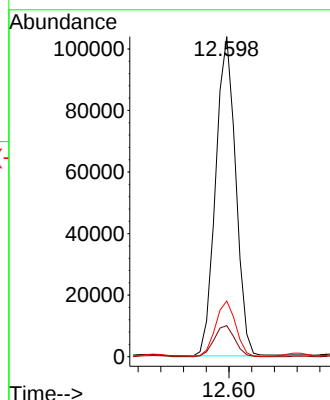
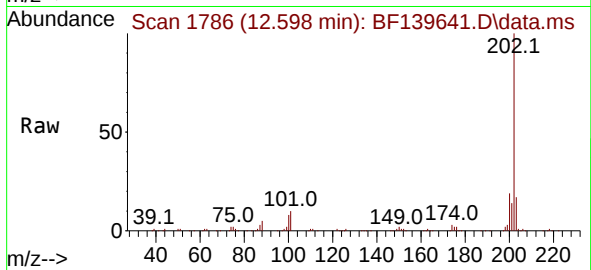
Tgt Ion:202 Resp: 127349
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 30.2
 203 17.4 0.0 37.7

Manual Integrations

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Supervised By :mohammad ahmed 10/05/2024



#76

Chrysene-d12

Concen: 20.000 ng

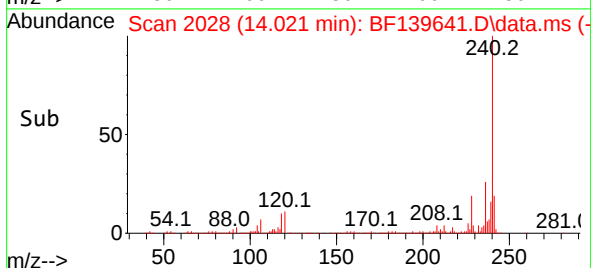
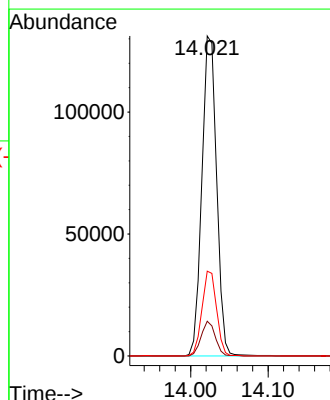
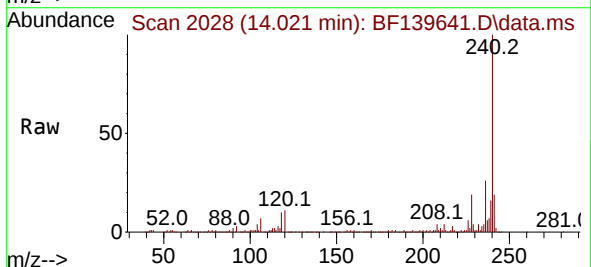
RT: 14.021 min Scan# 2028

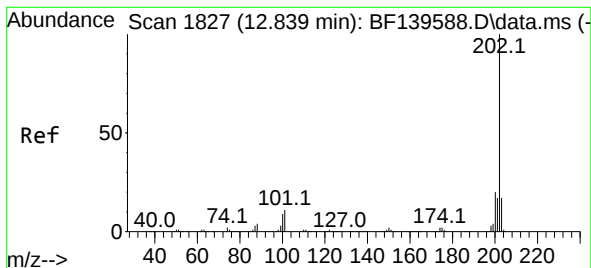
Delta R.T. -0.012 min

Lab File: BF139641.D

Acq: 03 Oct 2024 19:50

Tgt Ion:240 Resp: 173708
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.4 12.6
 236 26.5 20.3 30.5





#78

Pyrene

Concen: 7.681 ng

RT: 12.827 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF139641.D

Acq: 03 Oct 2024 19:50

Instrument :

BNA_F

ClientSampleId :

TP1

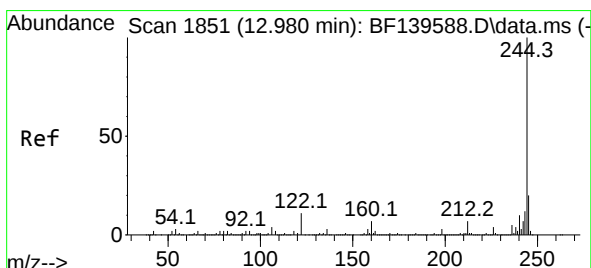
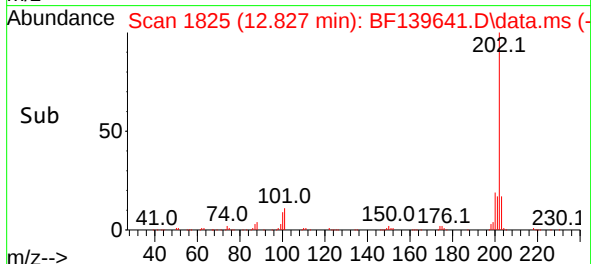
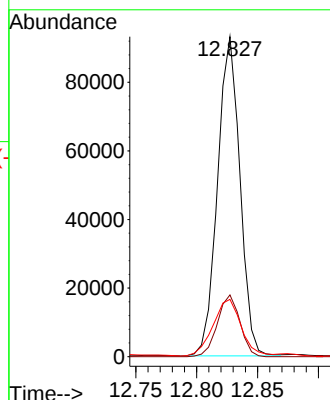
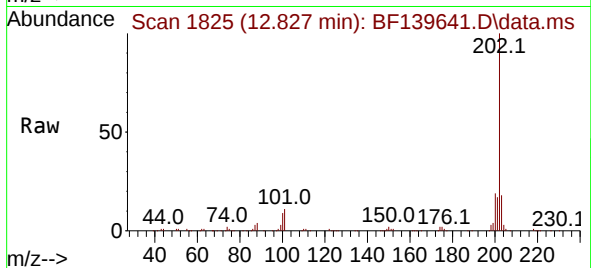
Tgt Ion:202 Resp: 119338
 Ion Ratio Lower Upper
 202 100
 200 19.3 15.8 23.6
 203 17.9 13.8 20.8

Manual Integrations

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Supervised By :mohammad ahmed 10/05/2024



#79

Terphenyl-d14

Concen: 62.466 ng

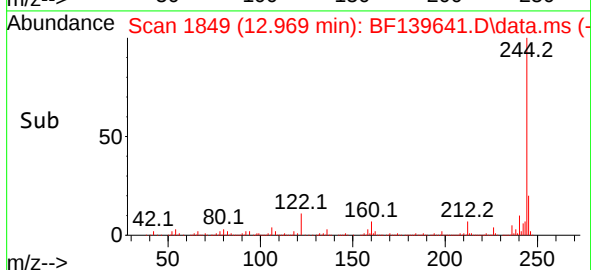
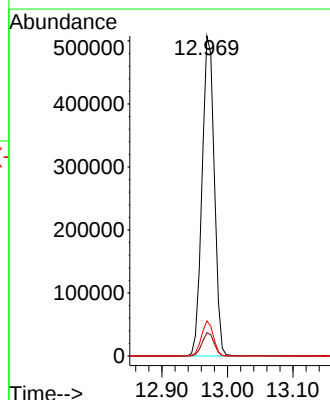
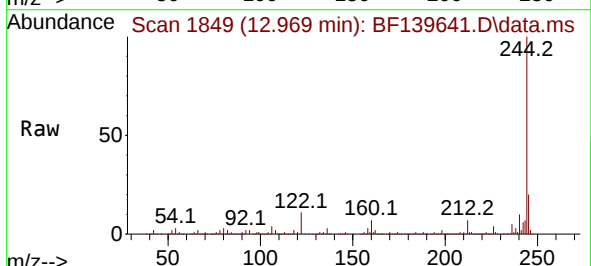
RT: 12.969 min Scan# 1849

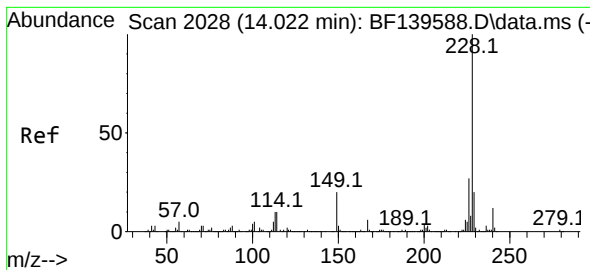
Delta R.T. -0.011 min

Lab File: BF139641.D

Acq: 03 Oct 2024 19:50

Tgt Ion:244 Resp: 661303
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.9 8.6 12.8





#81

Benzo(a)anthracene

Concen: 4.701 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF139641.D

Acq: 03 Oct 2024 19:50

Instrument :

BNA_F

ClientSampleId :

TP1

Tgt Ion:228 Resp: 5369

Ion Ratio Lower Upper

228 100

226 28.5 21.8 32.8

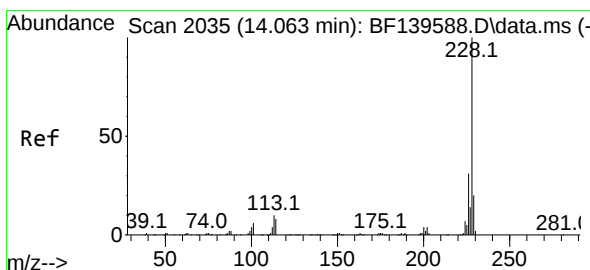
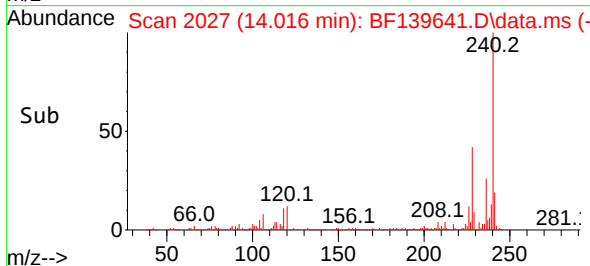
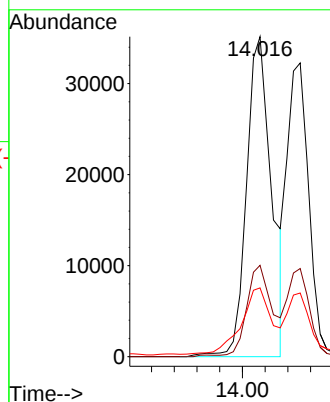
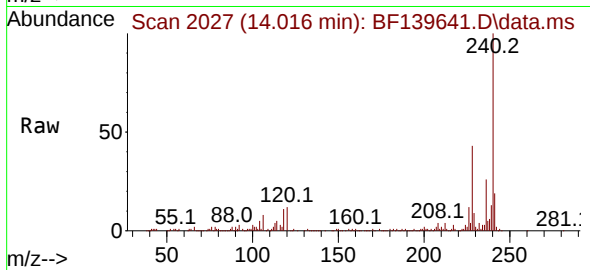
229 21.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/05/2024



#83

Chrysene

Concen: 4.078 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BF139641.D

Acq: 03 Oct 2024 19:50

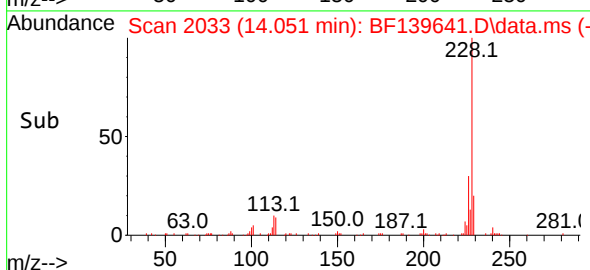
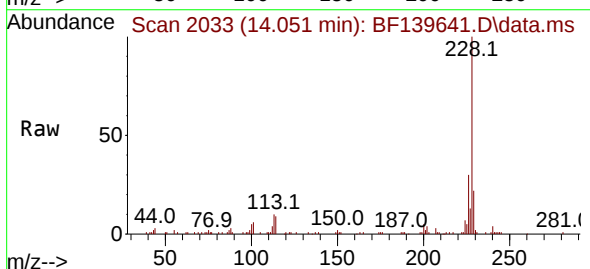
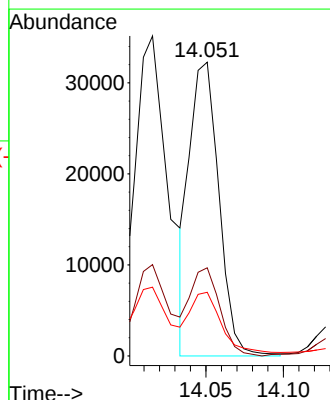
Tgt Ion:228 Resp: 42584

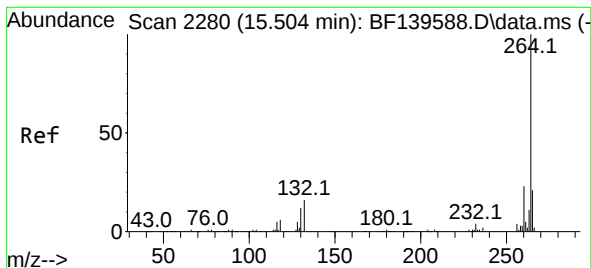
Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 21.7 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139641.D

Acq: 03 Oct 2024 19:50

Instrument :

BNA_F

ClientSampleId :

TP1

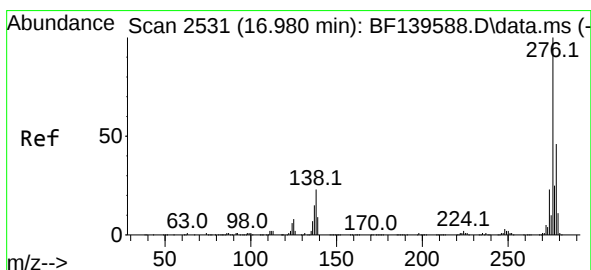
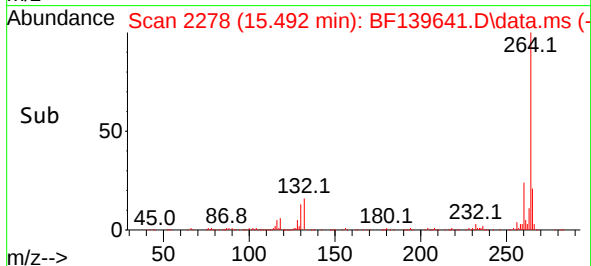
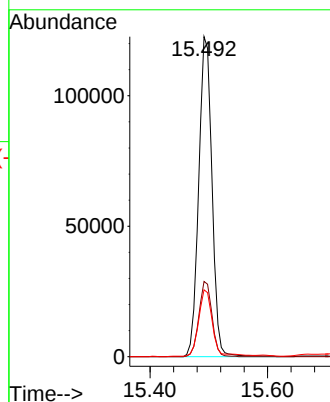
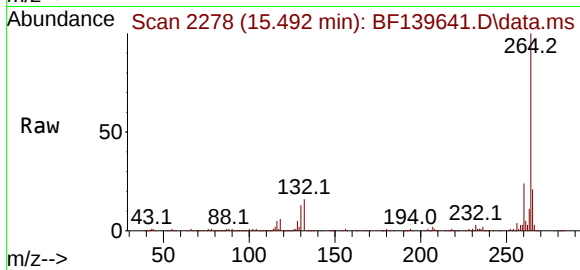
Tgt Ion:	264	Resp:	19204
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	20.9	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/05/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.021 ng

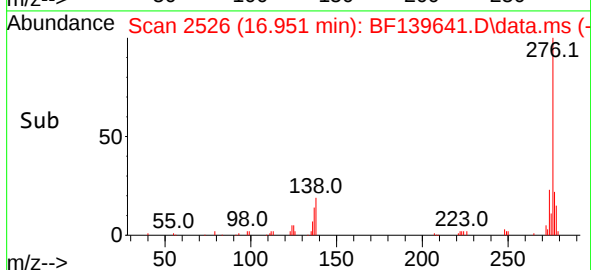
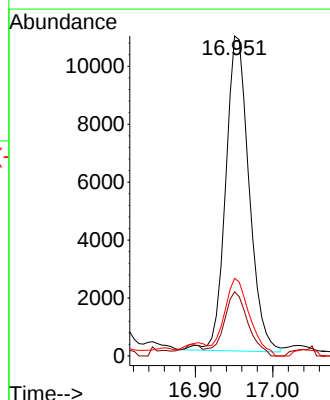
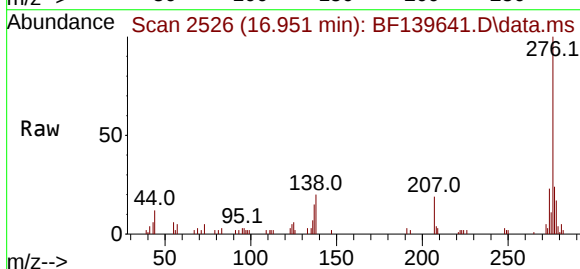
RT: 16.951 min Scan# 2526

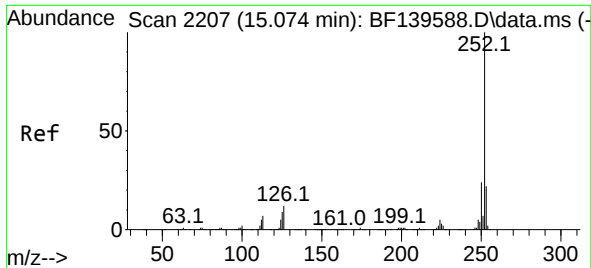
Delta R.T. -0.029 min

Lab File: BF139641.D

Acq: 03 Oct 2024 19:50

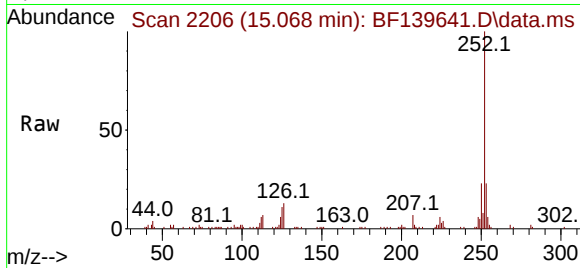
Tgt Ion:	276	Resp:	22849
Ion Ratio	Lower	Upper	
276	100		
138	20.7	19.4	29.0
277	26.8	20.2	30.2





#88
Benzo(b)fluoranthene
Concen: 3.950 ng m
RT: 15.068 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

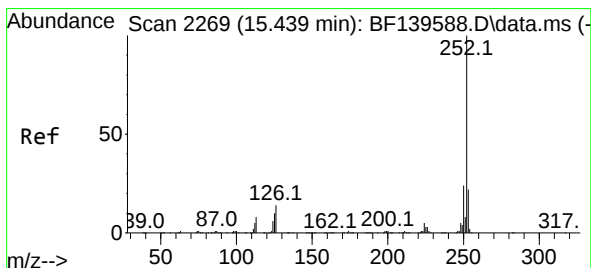
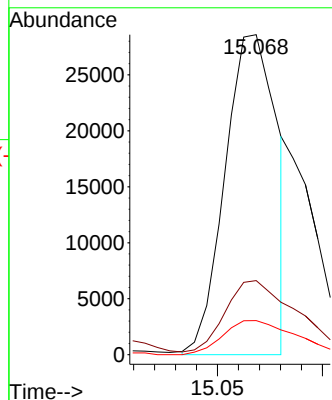
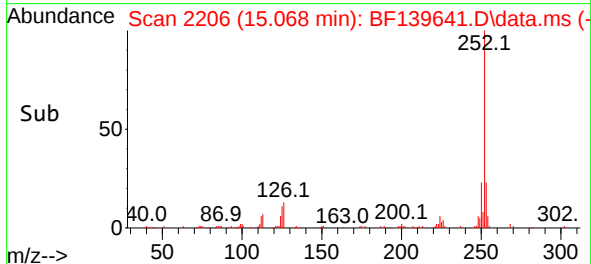
Instrument :
BNA_F
ClientSampleId :
TP1



Tgt Ion:252 Resp: 4904
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 10.7 7.4 11.0

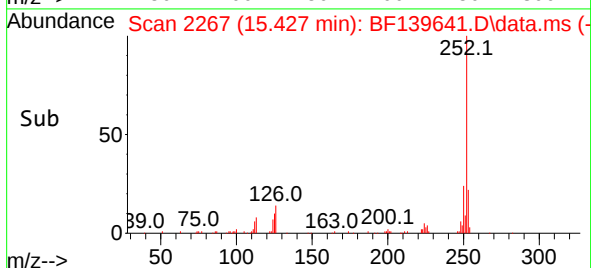
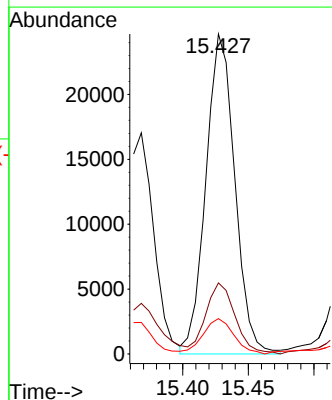
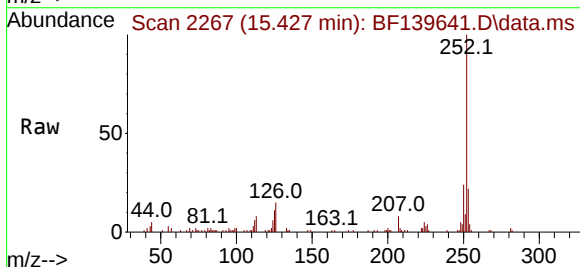
Manual Integrations
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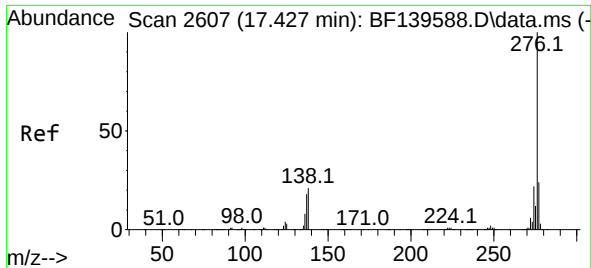
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/05/2024



#90
Benzo(a)pyrene
Concen: 3.870 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF139641.D
Acq: 03 Oct 2024 19:50

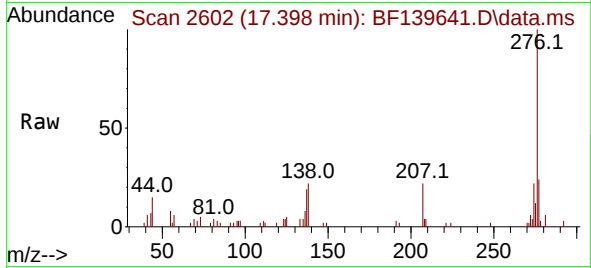
Tgt Ion:252 Resp: 37891
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.1 8.3 12.5





#92
 Benzo(g,h,i)perylene
 Concen: 2.360 ng
 RT: 17.398 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: BF139641.D
 Acq: 03 Oct 2024 19:50

Instrument :
 BNA_F
 ClientSampleId :
 TP1



Tgt Ion: 276 Resp: 2218

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.6
138	22.2	17.0	25.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2024
 Supervised By :mohammad ahmed 10/05/2024

