

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
 Data File : BF140258.D
 Acq On : 06 Nov 2024 15:52
 Operator : RC/JU
 Sample : P4709-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-110424

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 06 16:30:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	139386	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	507748	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	253554	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	353354	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254542	20.000	ng	-0.01
86) Perylene-d12	15.539	264	194033	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	783824	93.192	ng	0.00
7) Phenol-d6	6.498	99	996012	92.066	ng	0.00
23) Nitrobenzene-d5	7.434	82	665028	65.119	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	208798	83.311	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1167343	73.516	ng	0.00
79) Terphenyl-d14	12.992	244	971285	62.508	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.616	202	82480	4.678	ng	99
78) Pyrene	12.851	202	86643	4.123	ng	97
81) Benzo(a)anthracene	14.039	228	53118	3.252	ng	# 91
83) Chrysene	14.074	228	42989	2.810	ng	# 92
88) Benzo(b)fluoranthene	15.104	252	54270m	4.624	ng	
90) Benzo(a)pyrene	15.474	252	32847	3.394	ng	# 78
92) Benzo(g,h,i)perylene	17.492	276	21789	2.279	ng	# 89

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

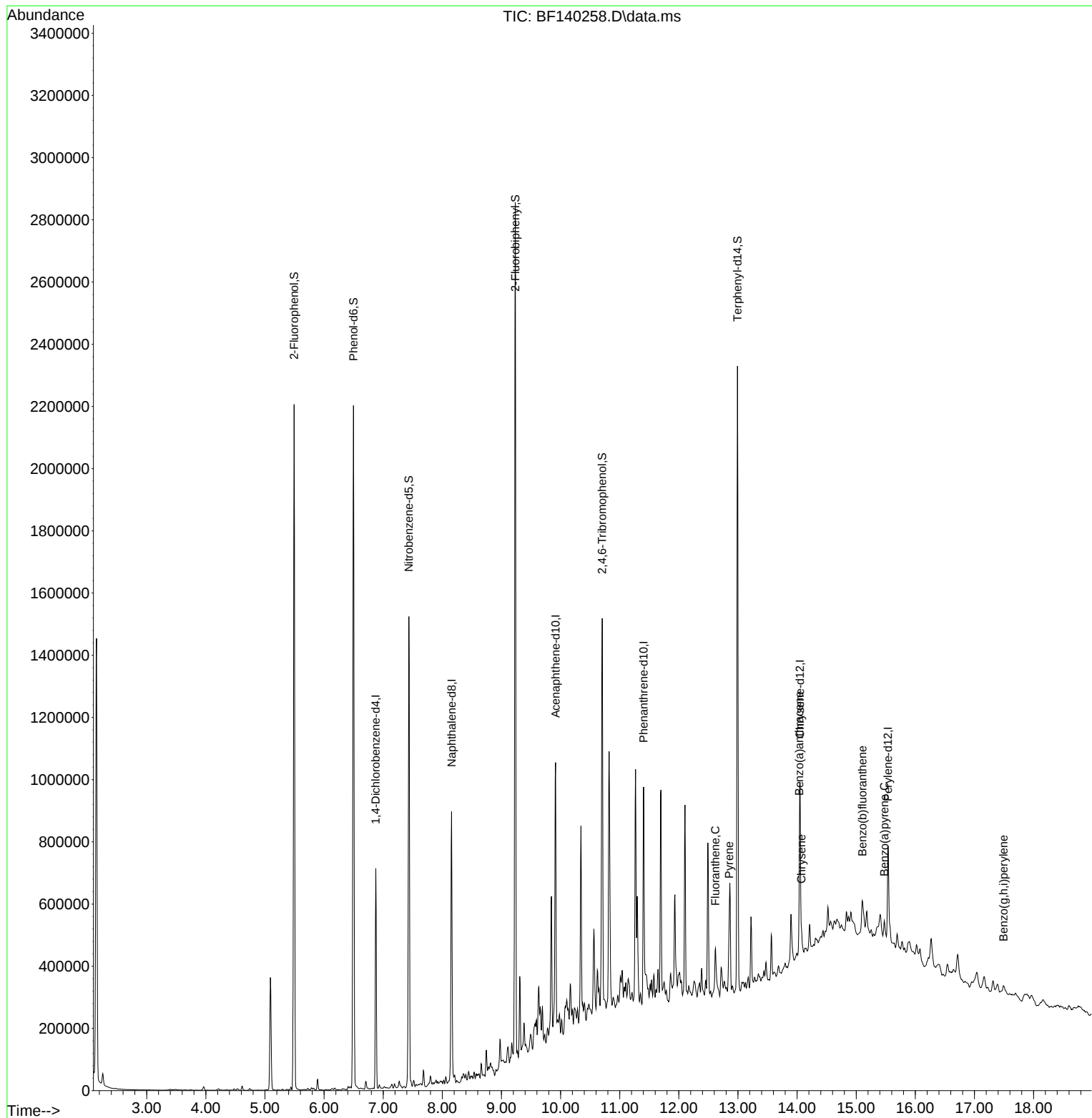
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
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Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

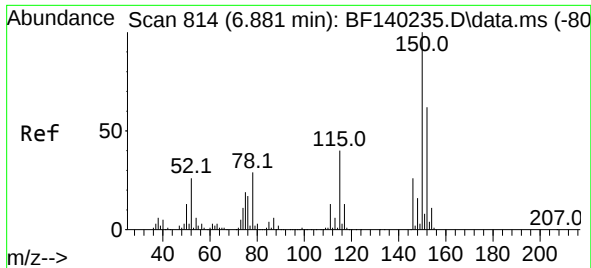
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Quant Time: Nov 06 16:30:17 2024
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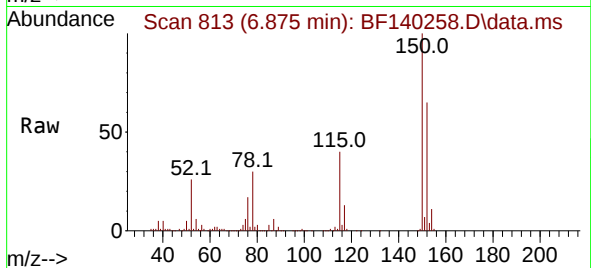
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

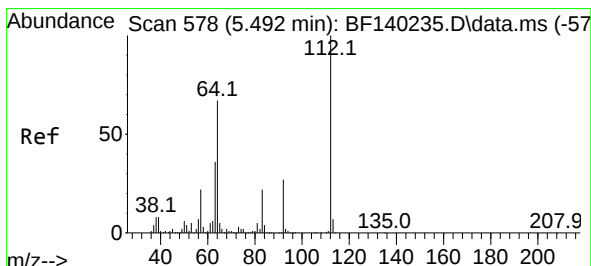
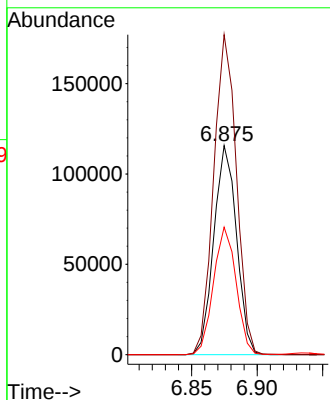
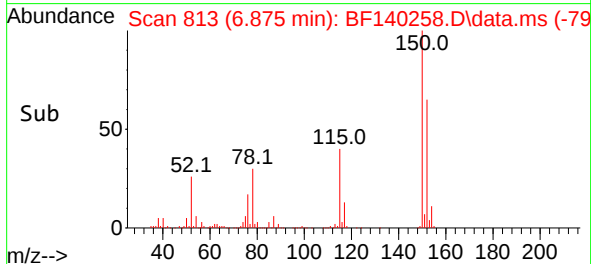
Instrument :
BNA_F
ClientSampleId :
HR-03-110424



Tgt Ion:152 Resp: 139380
Ion Ratio Lower Upper
152 100
150 153.0 129.4 194.2
115 61.0 51.5 77.3

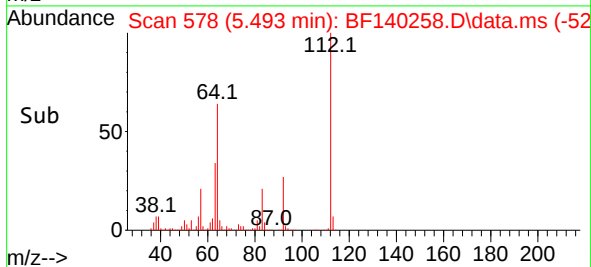
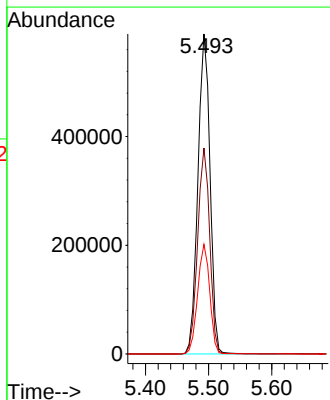
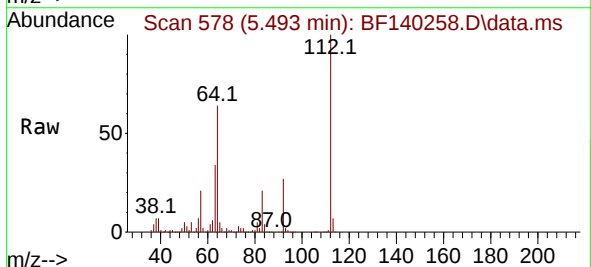
Manual Integrations
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#5
2-Fluorophenol
Concen: 93.192 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

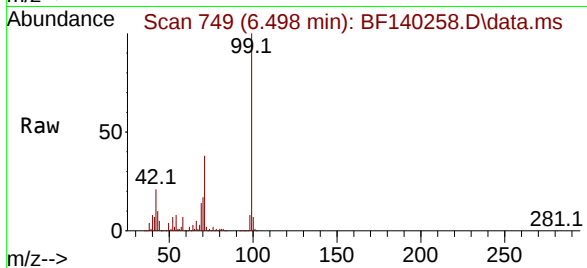
Tgt Ion:112 Resp: 783824
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 34.2 28.9 43.3





#7
Phenol-d6
Concen: 92.066 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

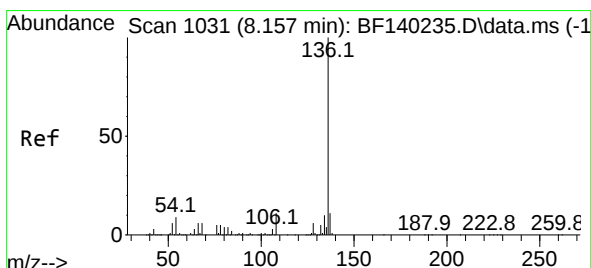
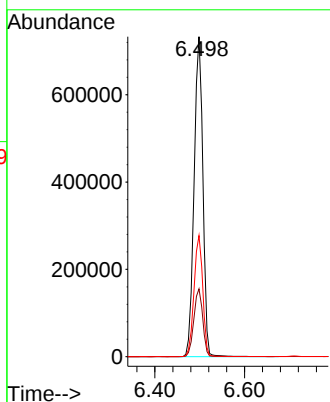
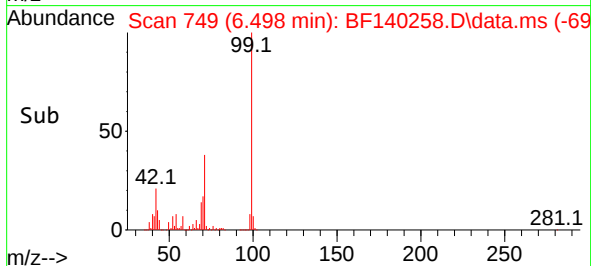
Instrument :
BNA_F
ClientSampleId :
HR-03-110424



Tgt Ion: 99 Resp: 996012
Ion Ratio Lower Upper
99 100
42 21.2 18.2 27.2
71 37.9 30.9 46.3

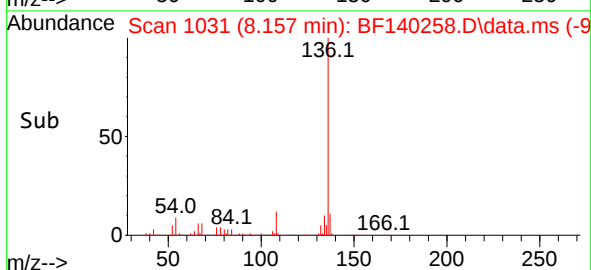
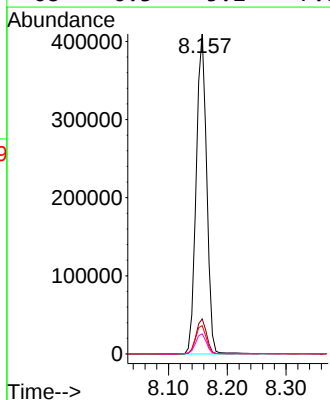
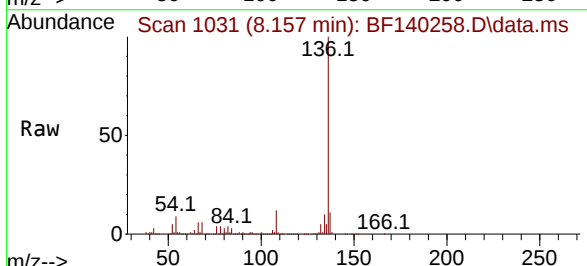
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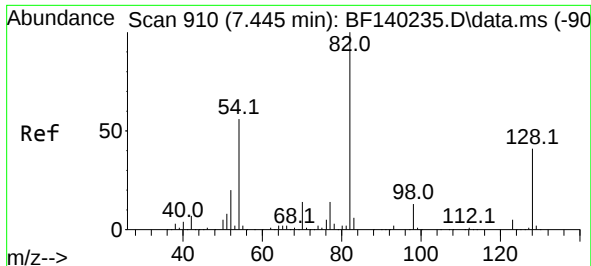
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion:136 Resp: 507748
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.9 7.7 11.5
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 65.119 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140258.D

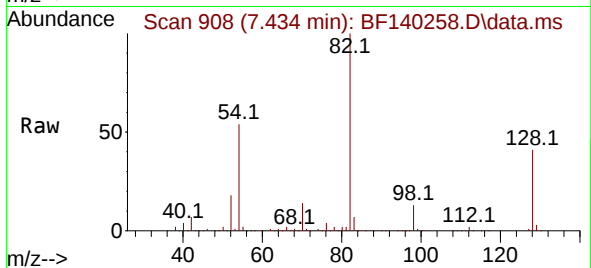
Acq: 06 Nov 2024 15:52

Instrument :

BNA_F

ClientSampleId :

HR-03-110424



Tgt Ion: 82 Resp: 665028

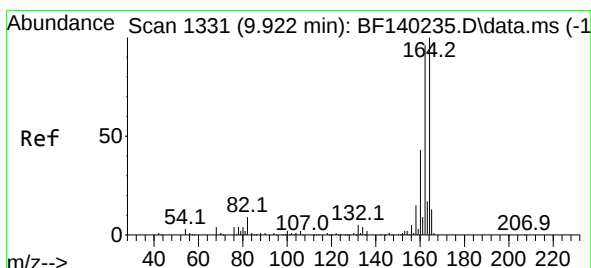
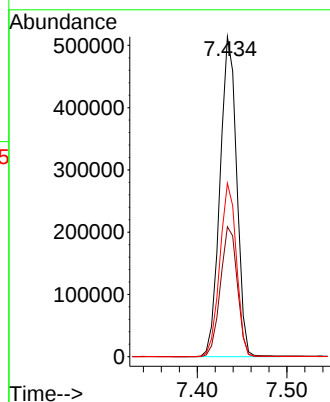
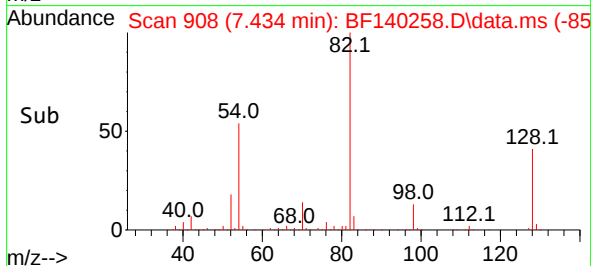
Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.8	49.2
54	54.2	44.3	66.5

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Reviewed By :Yogesh Patel 11/07/2024

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

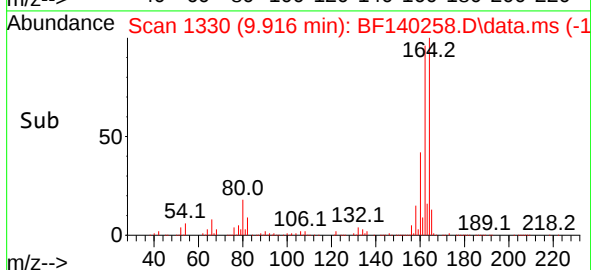
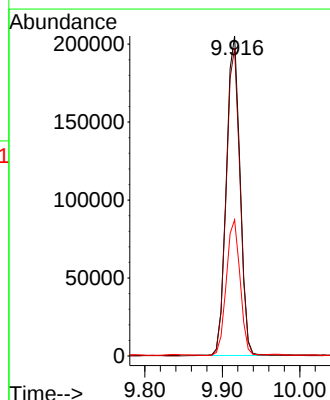
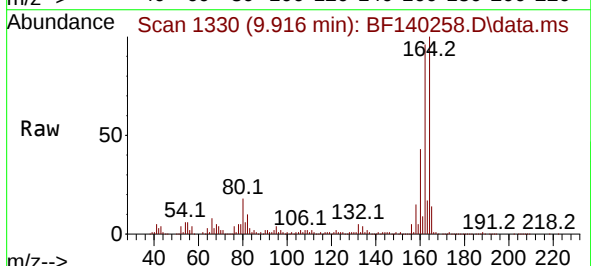
Delta R.T. -0.006 min

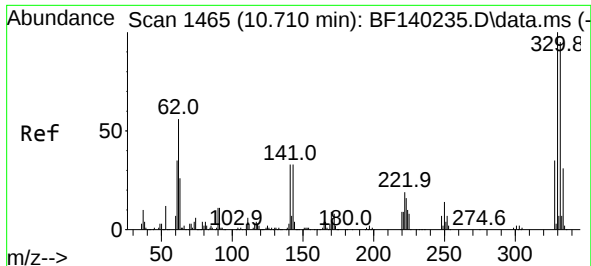
Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

Tgt Ion:164 Resp: 253554

Ion	Ratio	Lower	Upper
164	100		
162	96.3	77.0	115.4
160	42.5	34.1	51.1





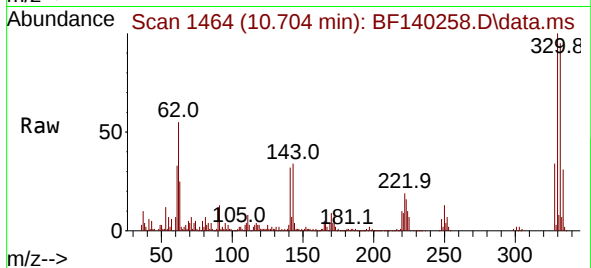
#42
2,4,6-Tribromophenol
Concen: 83.311 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Instrument :

BNA_F

ClientSampleId :

HR-03-110424



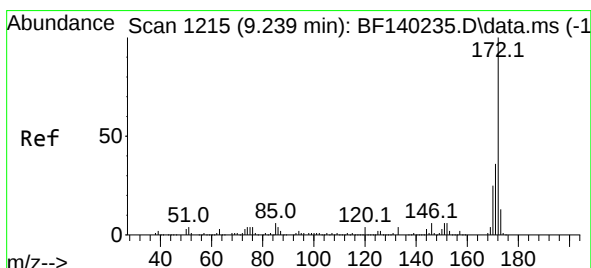
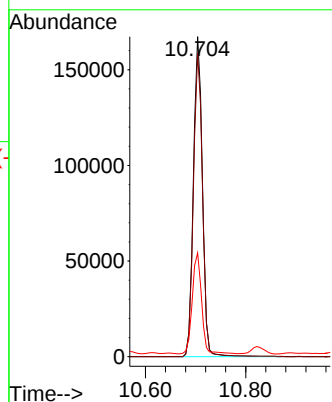
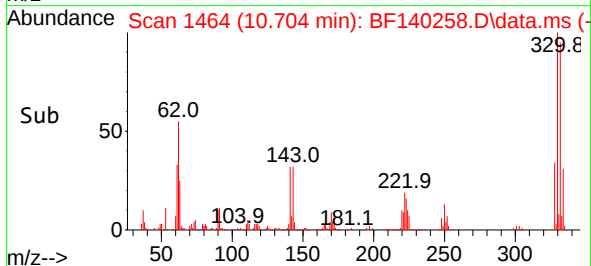
Tgt Ion:330 Resp: 208798
Ion Ratio Lower Upper
330 100
332 95.2 76.4 114.6
141 32.6 27.0 40.4

Manual Integrations

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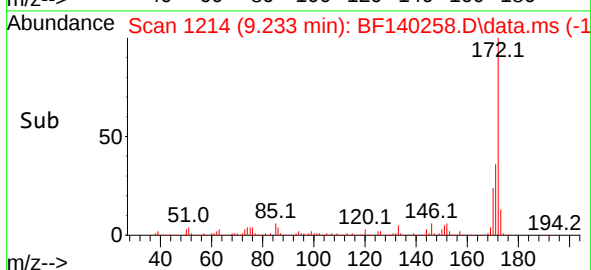
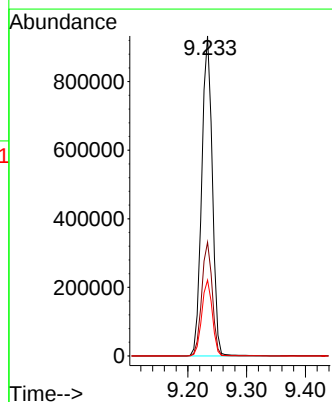
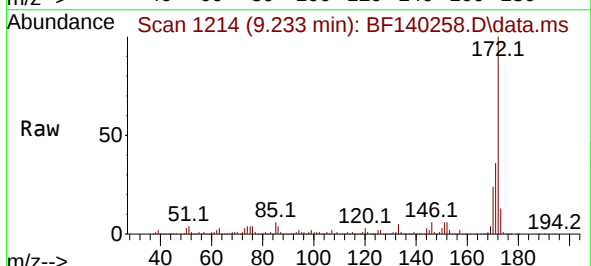
Reviewed By :Yogesh Patel 11/07/2024

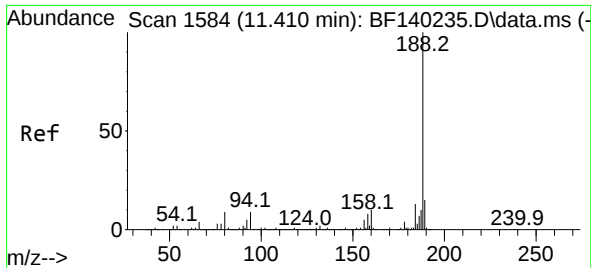
Supervised By :mohammad ahmed 11/08/2024



#45
2-Fluorobiphenyl
Concen: 73.516 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion:172 Resp: 1167343
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.7 19.6 29.4





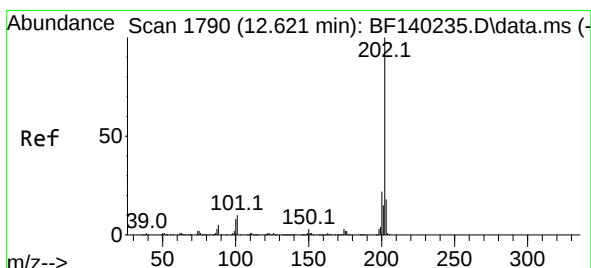
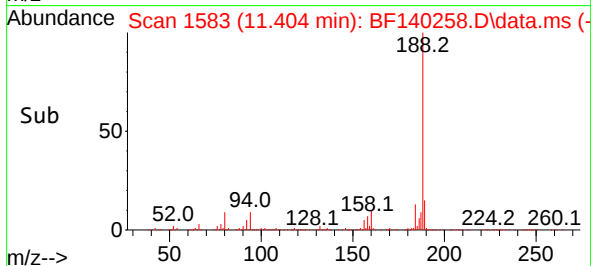
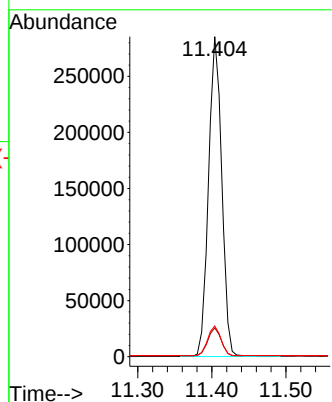
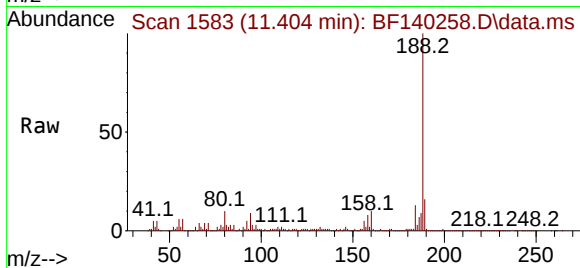
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Tgt Ion:188 Resp: 353354
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 9.6 7.5 11.3

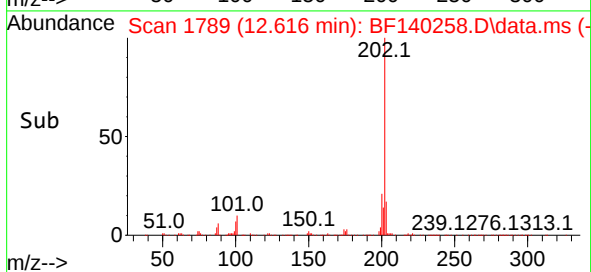
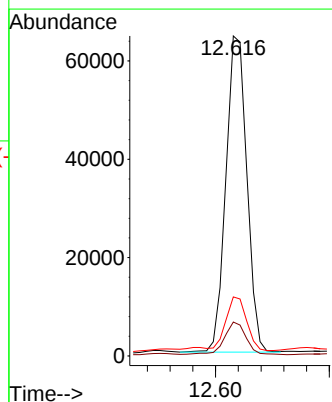
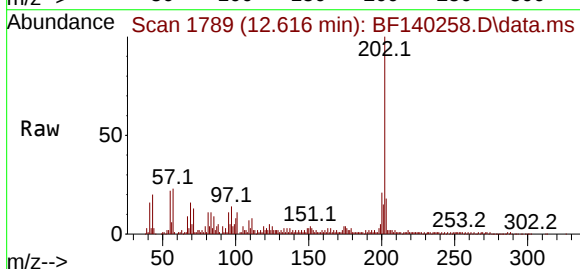
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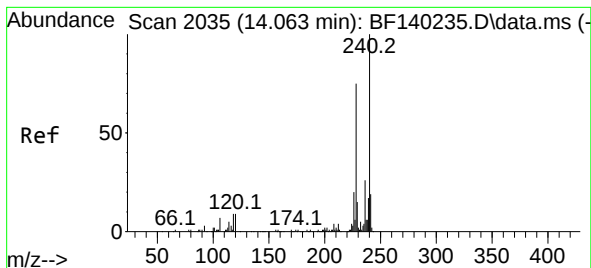
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#75
Fluoranthene
Concen: 4.678 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion:202 Resp: 82480
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.4
203 18.4 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

Instrument :

BNA_F

ClientSampleId :

HR-03-110424

Tgt Ion:240 Resp: 25454

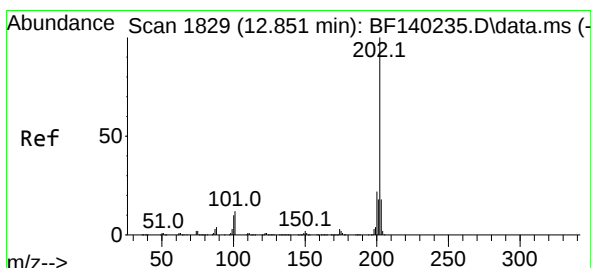
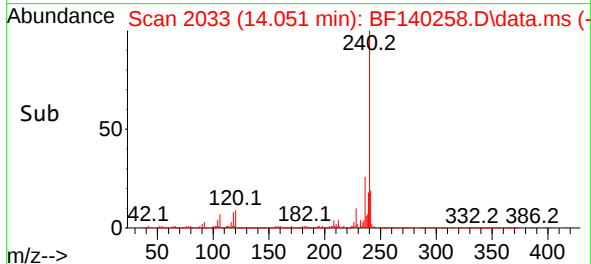
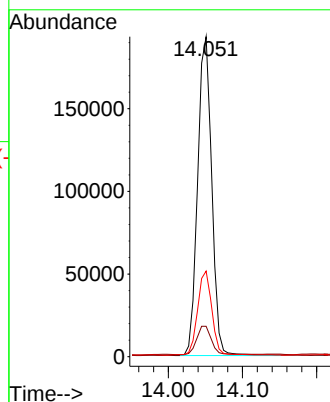
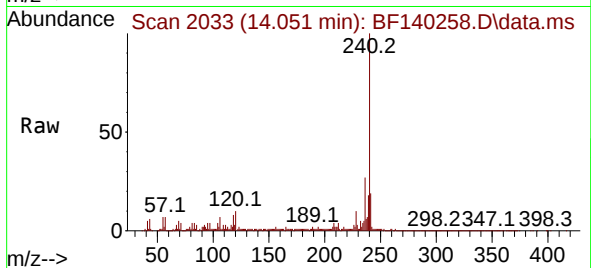
Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.5	11.3
236	26.7	20.9	31.3

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Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#78

Pyrene

Concen: 4.123 ng

RT: 12.851 min Scan# 1829

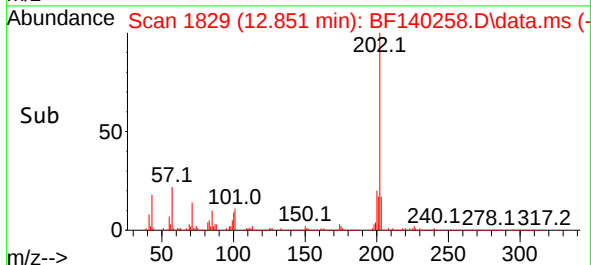
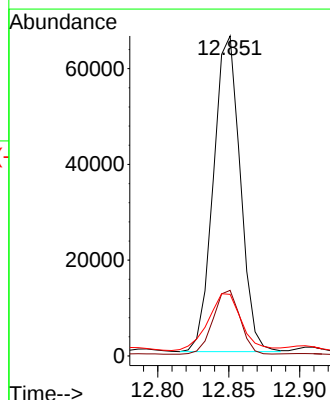
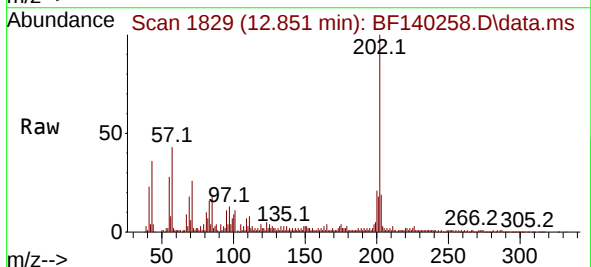
Delta R.T. 0.000 min

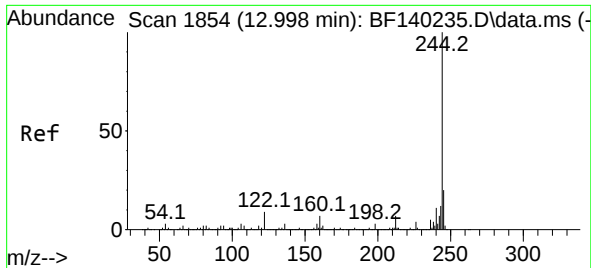
Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

Tgt Ion:202 Resp: 86643

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.5	26.3
203	19.2	14.4	21.6





#79
Terphenyl-d14
Concen: 62.508 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Instrument :

BNA_F

ClientSampleId :

HR-03-110424

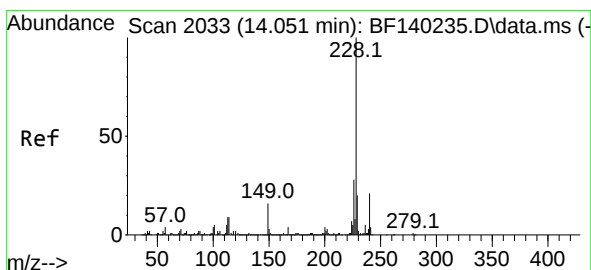
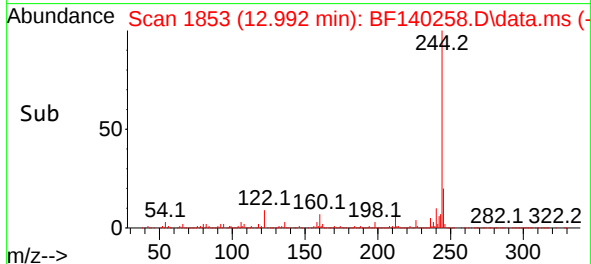
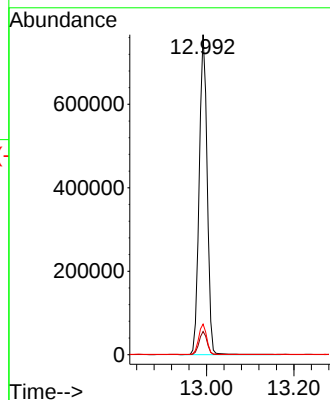
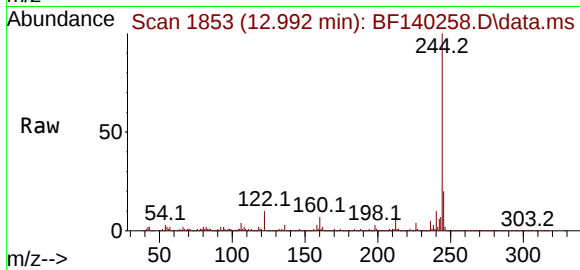
Tgt Ion:244 Resp: 971285
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.6 7.6 11.4

Manual Integrations

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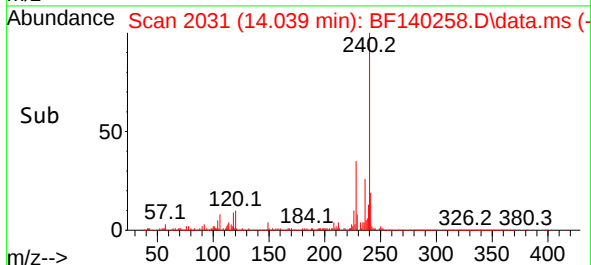
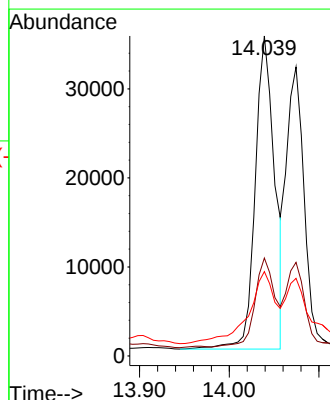
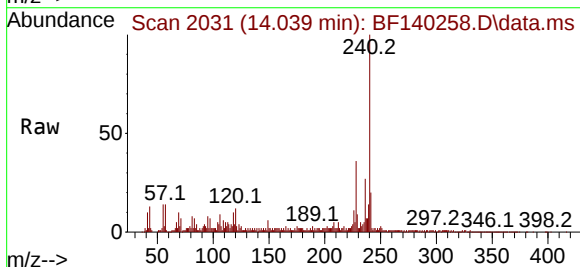
Reviewed By :Yogesh Patel 11/07/2024

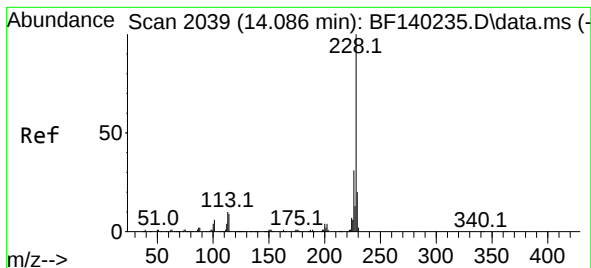
Supervised By :mohammad ahmed 11/08/2024



#81
Benzo(a)anthracene
Concen: 3.252 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion:228 Resp: 53118
Ion Ratio Lower Upper
228 100
226 30.6 22.3 33.5
229 26.3 16.1 24.1#





#83

Chrysene

Concen: 2.810 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.012 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

Instrument :

BNA_F

ClientSampleId :

HR-03-110424

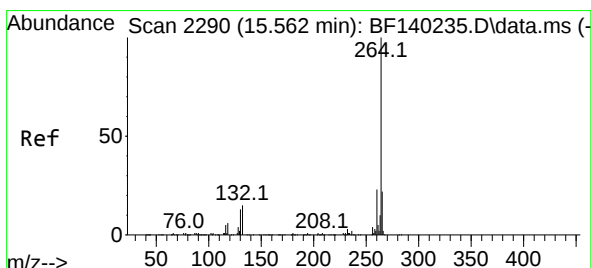
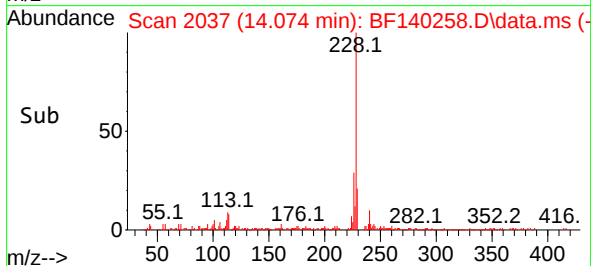
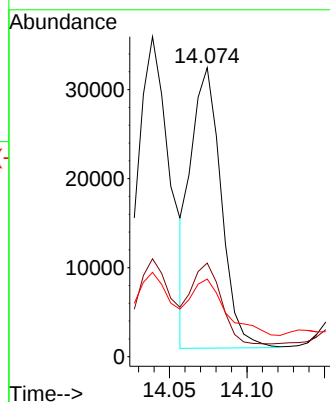
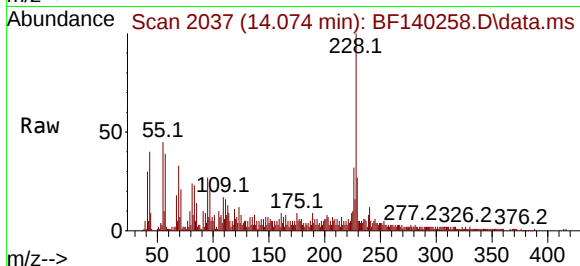
Tgt Ion:228	Resp: 42989
Ion Ratio	Lower Upper
228 100	
226 32.4	24.6 36.8
229 26.8	16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#86

Perylene-d12

Concen: 20.000 ng

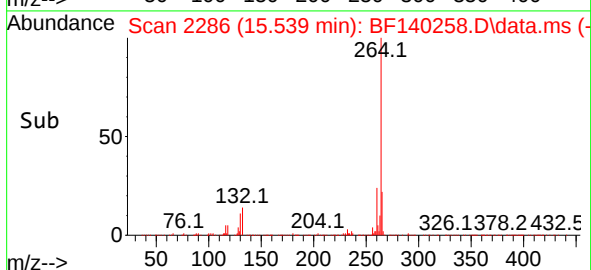
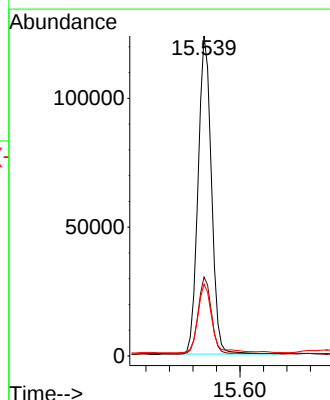
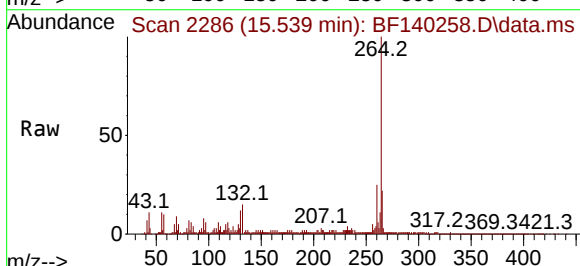
RT: 15.539 min Scan# 2286

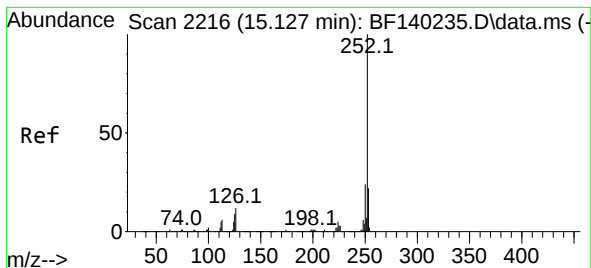
Delta R.T. -0.023 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

Tgt Ion:264	Resp: 194033
Ion Ratio	Lower Upper
264 100	
260 24.7	18.8 28.2
265 22.5	17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 4.624 ng m

RT: 15.104 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

Instrument :

BNA_F

ClientSampleId :

HR-03-110424

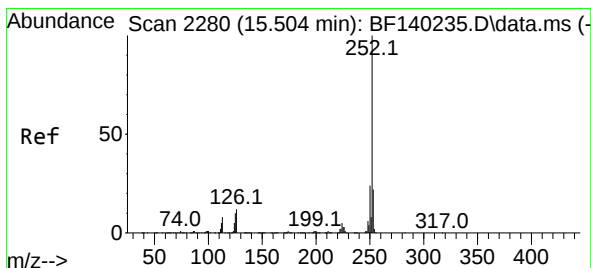
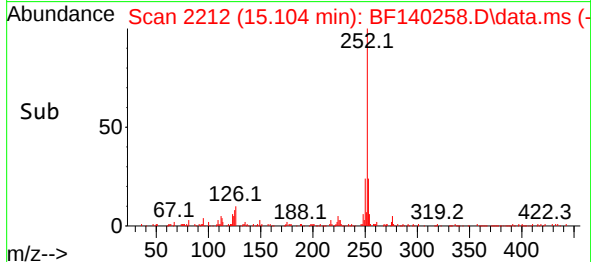
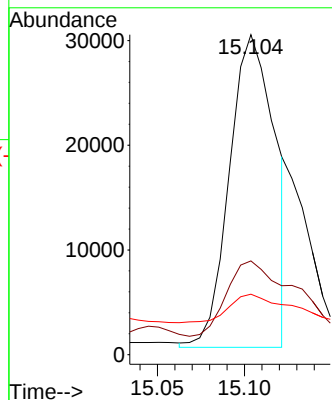
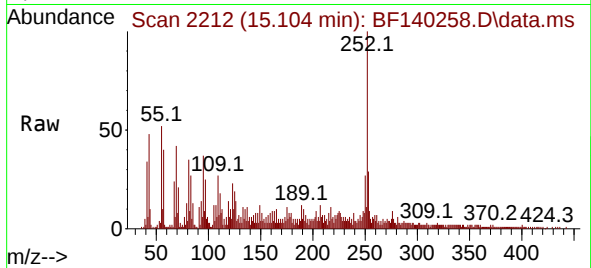
Tgt Ion:252 Resp: 54270
 Ion Ratio Lower Upper
 252 100
 253 29.3 17.9 26.9#
 125 18.9 7.0 10.6#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#90

Benzo(a)pyrene

Concen: 3.394 ng

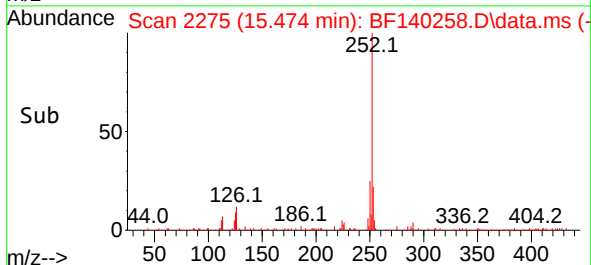
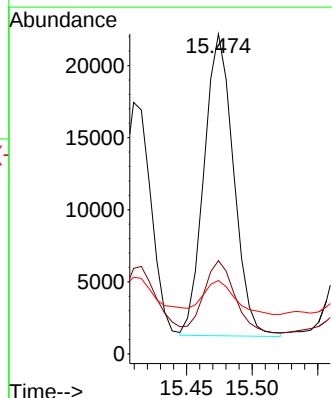
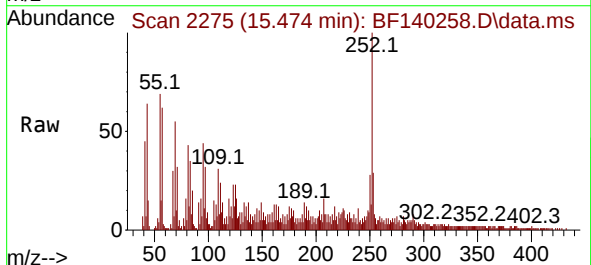
RT: 15.474 min Scan# 2275

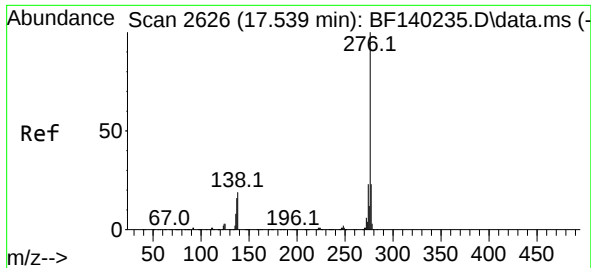
Delta R.T. -0.029 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

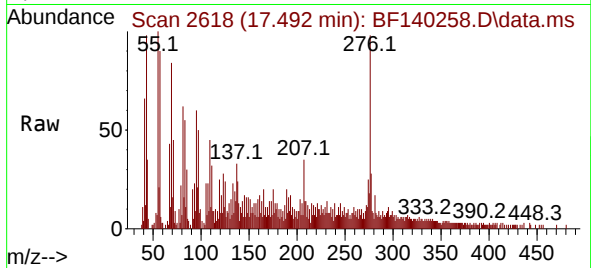
Tgt Ion:252 Resp: 32847
 Ion Ratio Lower Upper
 252 100
 253 29.1 17.4 26.0#
 125 22.9 7.6 11.4#





#92
Benzo(g,h,i)perylene
Concen: 2.279 ng
RT: 17.492 min Scan# 20
Delta R.T. -0.047 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Instrument :
BNA_F
ClientSampleId :
HR-03-110424



Tgt Ion: 276 Resp: 21789
Ion Ratio Lower Upper
276 100
277 28.3 18.8 28.2
138 24.7 15.3 22.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

