

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138731.D
 Acq On : 01 Aug 2024 18:35
 Operator : RC/JU
 Sample : P3368-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 04:02:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	60264	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	215521	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	88860	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	141890	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	107334	20.000	ng	# 0.04
86) Perylene-d12	15.521	264	81991	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	203397	52.100	ng	0.00
7) Phenol-d6	6.481	99	370686	70.721	ng	0.00
23) Nitrobenzene-d5	7.404	82	265903	60.321	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	25872	35.544	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	382930	64.748	ng	0.00
79) Terphenyl-d14	12.968	244	375982	58.648	ng	0.02
Target Compounds						
						Qvalue
71) Phenanthrene	11.386	178	32391	4.433	ng	# 89
75) Fluoranthene	12.592	202	50687	7.431	ng	76
78) Pyrene	12.821	202	51085	5.055	ng	# 74
81) Benzo(a)anthracene	14.027	228	19592m	2.651	ng	
83) Chrysene	14.063	228	46638m	6.994	ng	
84) Bis(2-ethylhexyl)phtha...	14.010	149	88745	18.727	ng	# 84

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

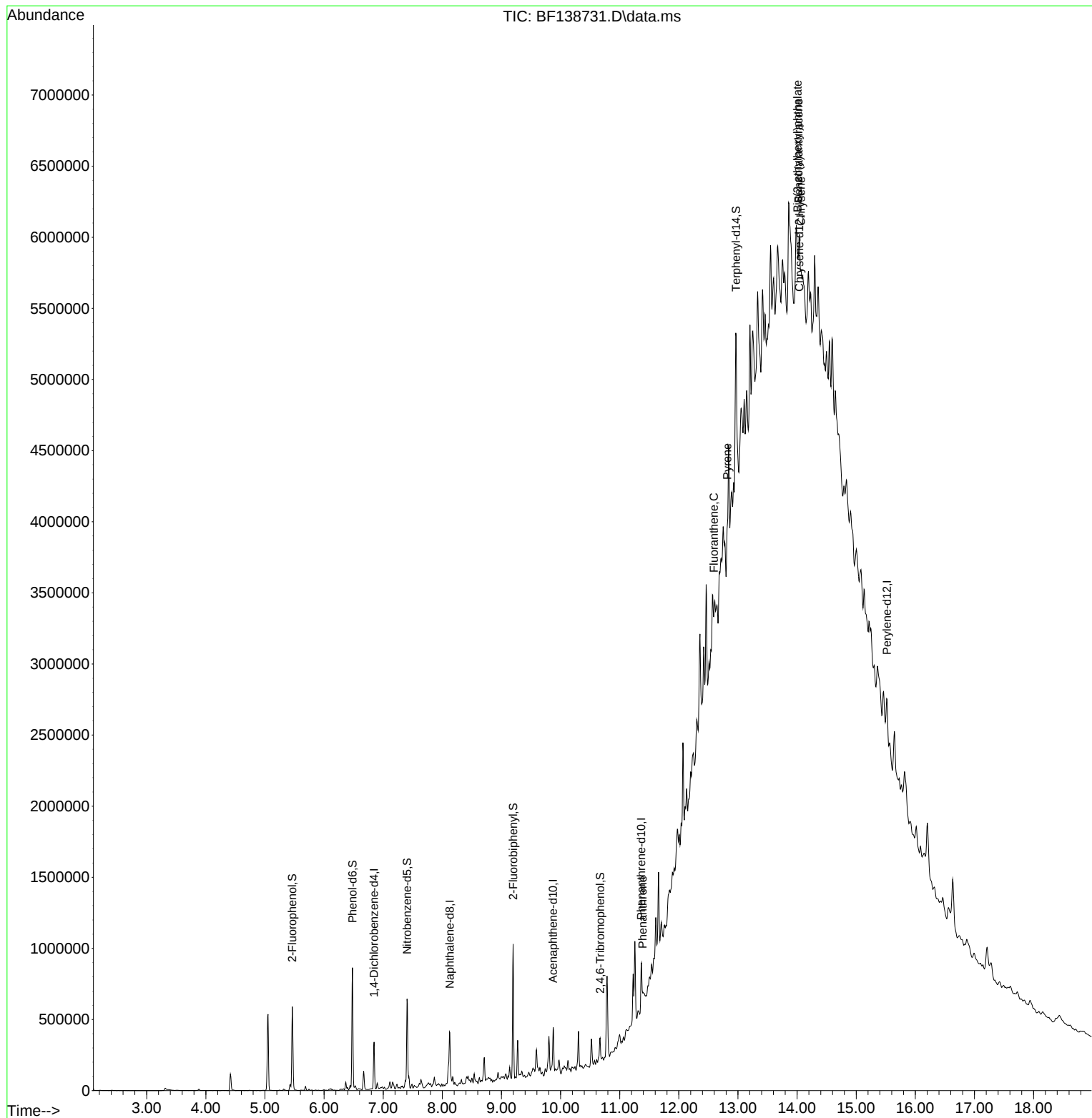
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
Data File : BF138731.D
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Quant Time: Aug 02 04:02:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

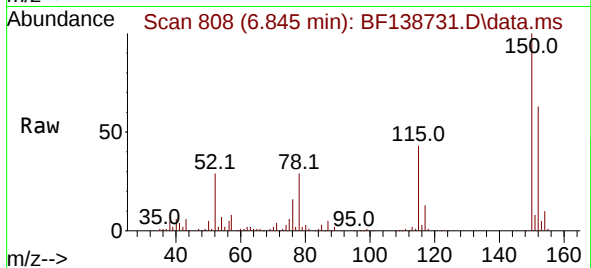
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35

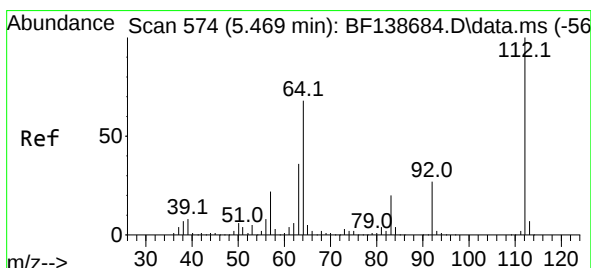
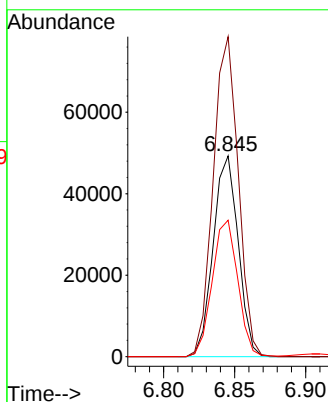
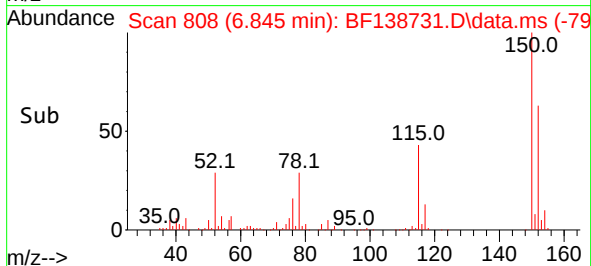
Instrument :
BNA_F
ClientSampleId :
CONC-3



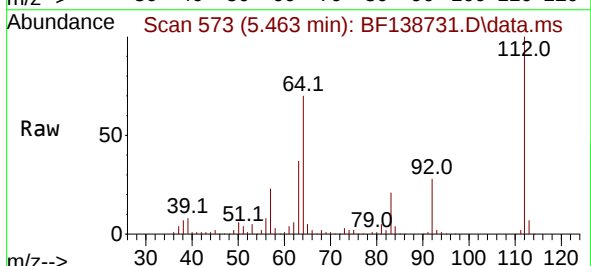
Tgt Ion:152 Resp: 60264
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 68.0 51.7 77.5

Manual Integrations
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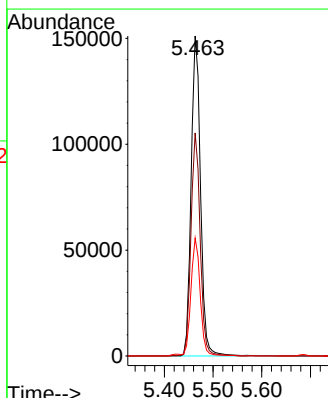
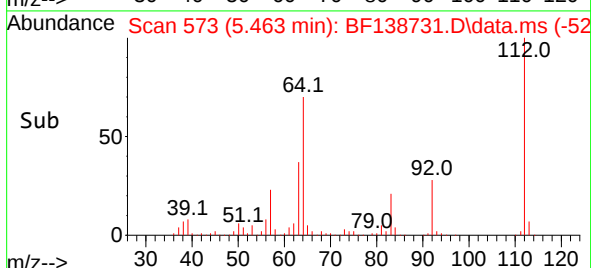
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#5
2-Fluorophenol
Concen: 52.100 ng
RT: 5.463 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35



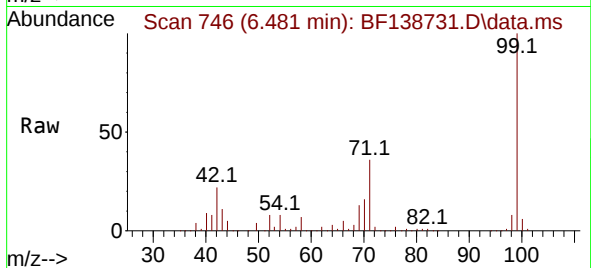
Tgt Ion:112 Resp: 203397
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 36.8 28.7 43.1





#7
Phenol-d6
Concen: 70.721 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35

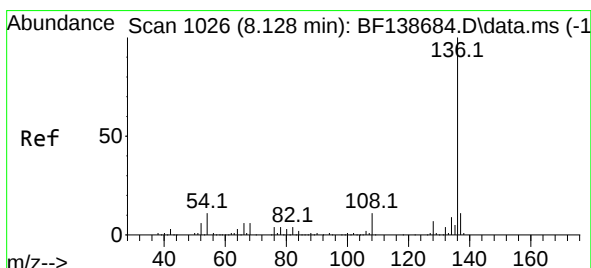
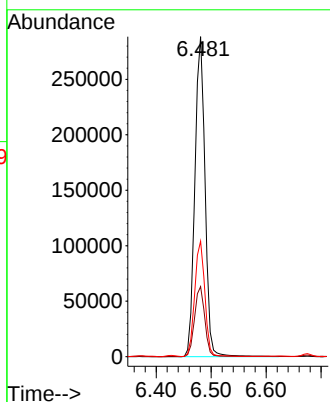
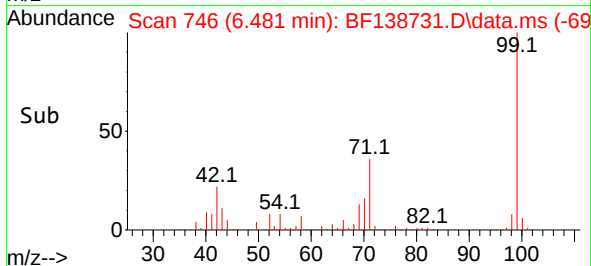
Instrument :
BNA_F
ClientSampleId :
CONC-3



Tgt Ion: 99 Resp: 370680
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 36.1 28.1 42.1

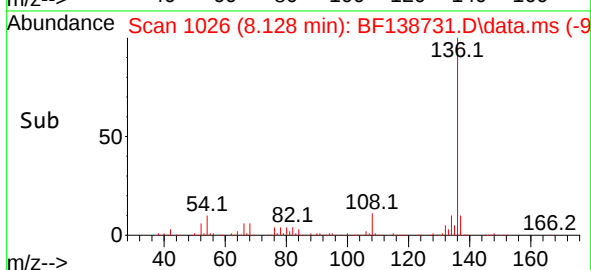
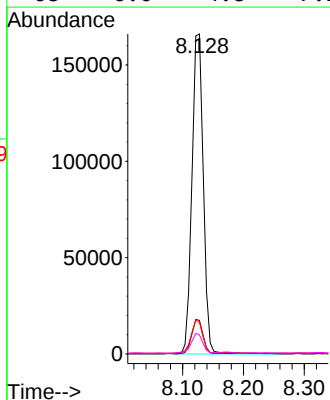
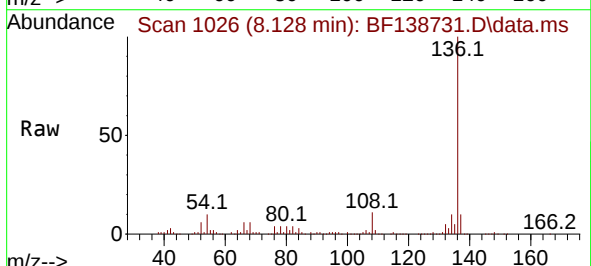
Manual Integrations
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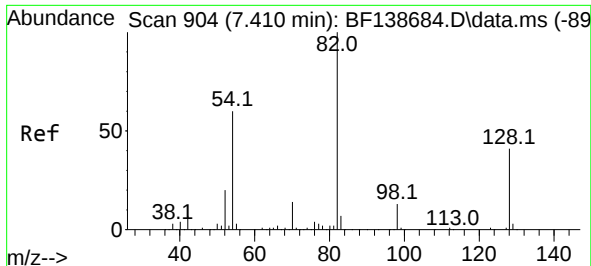
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35

Tgt Ion:136 Resp: 215521
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.8 8.6 12.8
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 60.321 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138731.D

Acq: 01 Aug 2024 18:35

Instrument :

BNA_F

ClientSampleId :

CONC-3

Tgt Ion: 82 Resp: 26590

Ion Ratio Lower Upper

82 100

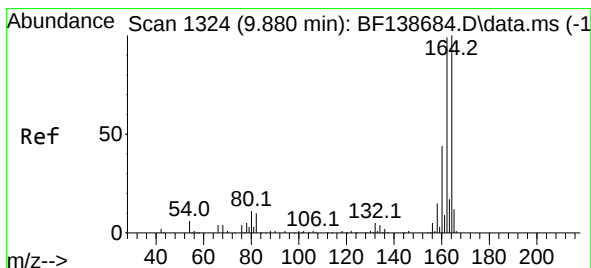
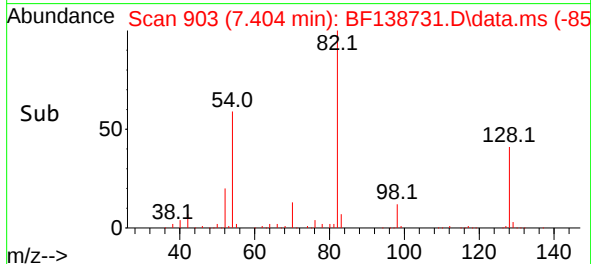
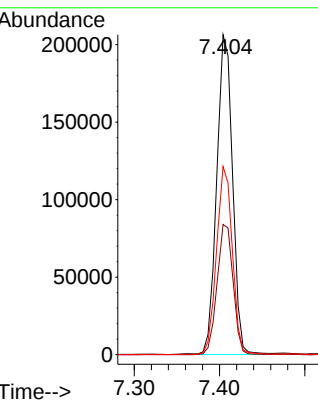
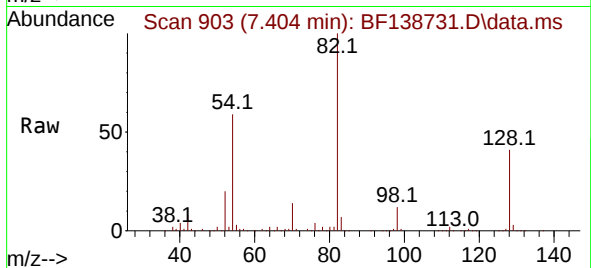
128 40.7 32.8 49.2

54 58.8 48.3 72.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138731.D

Acq: 01 Aug 2024 18:35

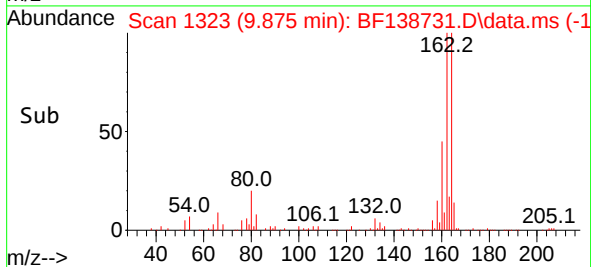
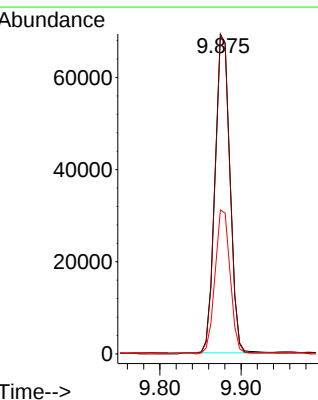
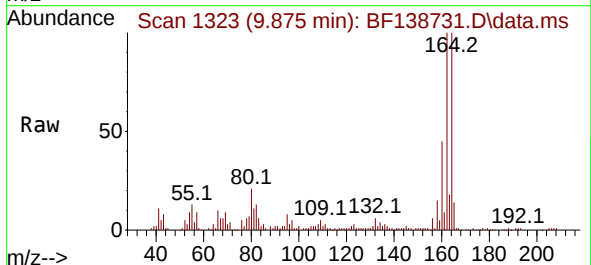
Tgt Ion:164 Resp: 88860

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

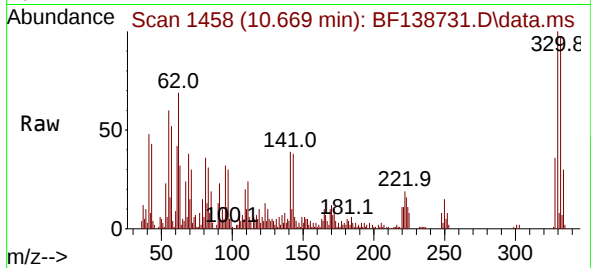
160 45.0 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 35.544 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35

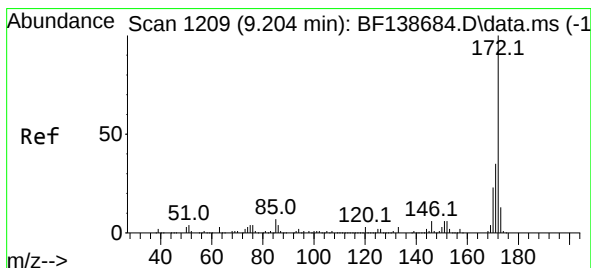
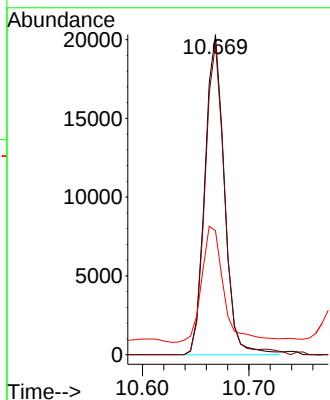
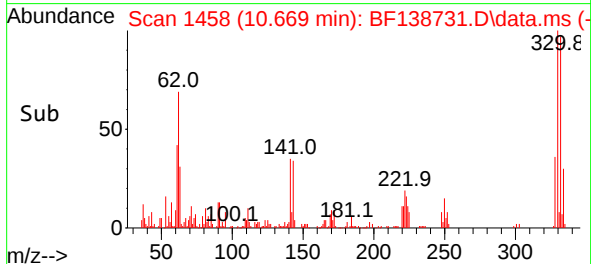
Instrument :
BNA_F
ClientSampleId :
CONC-3



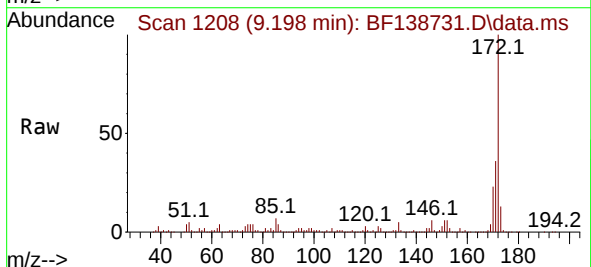
Tgt Ion:330 Resp: 25872
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 41.5 31.1 46.7

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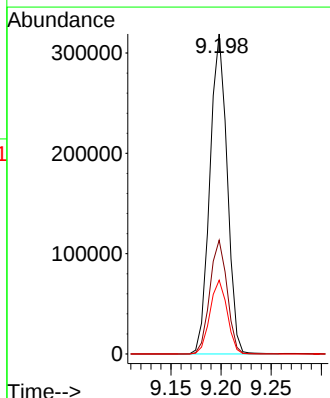
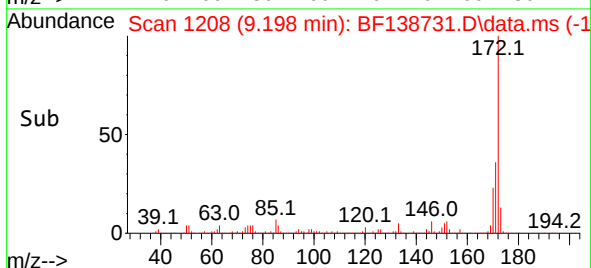
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

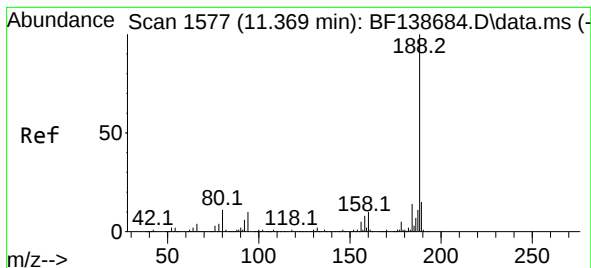


#45
2-Fluorobiphenyl
Concen: 64.748 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35



Tgt Ion:172 Resp: 382930
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.1 18.8 28.2





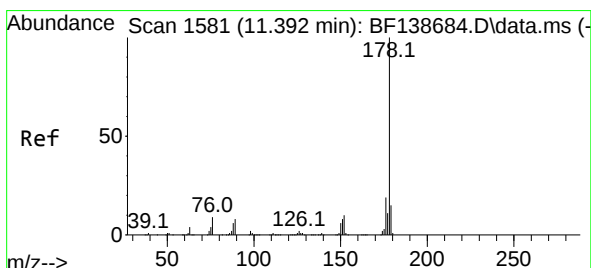
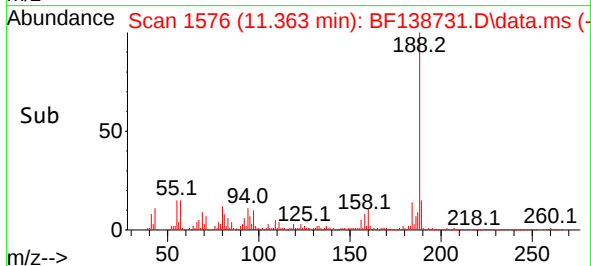
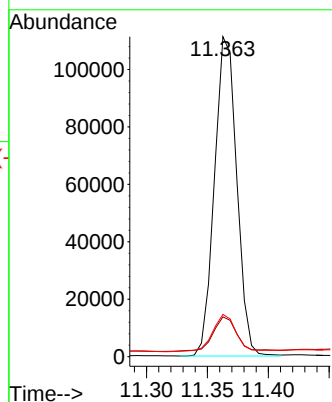
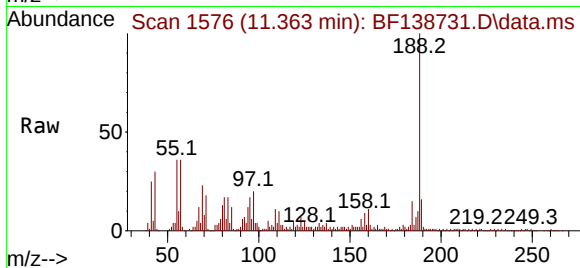
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35

Instrument :
BNA_F
ClientSampleId :
CONC-3

Tgt Ion:188 Resp: 141890
Ion Ratio Lower Upper
188 100
94 12.5 7.6 11.4
80 13.2 8.6 12.8

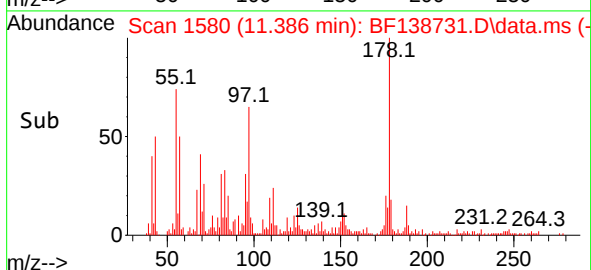
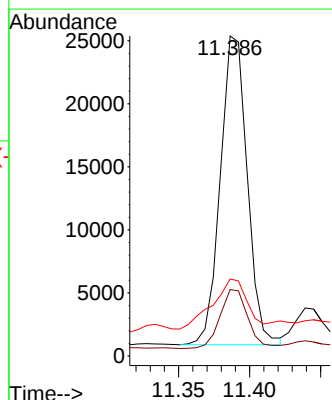
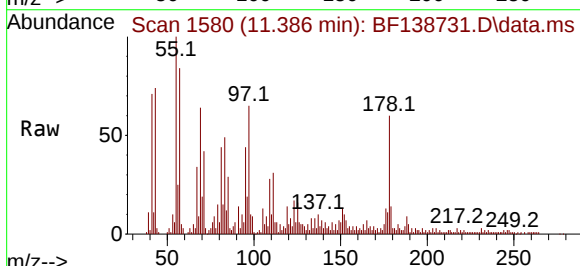
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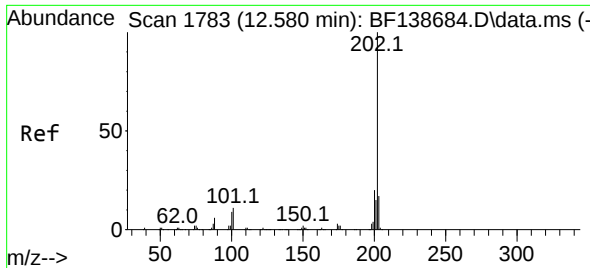
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#71
Phenanthrene
Concen: 4.433 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35

Tgt Ion:178 Resp: 32391
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.0
179 24.0 12.2 18.2





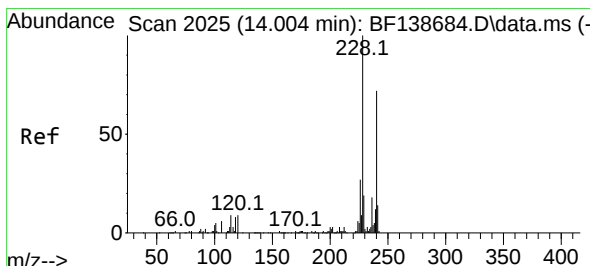
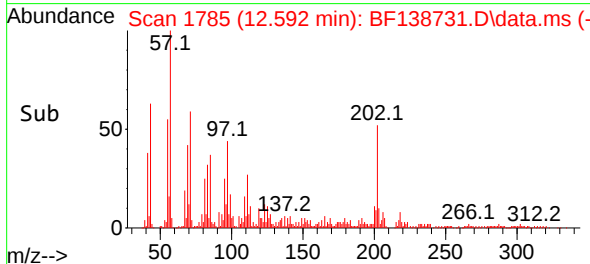
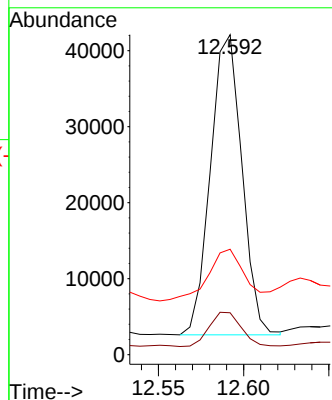
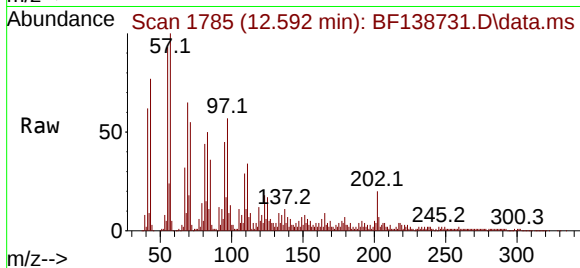
#75
Fluoranthene
Concen: 7.431 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35

Instrument :
BNA_F
ClientSampleId :
CONC-3

Tgt Ion:202 Resp: 5068
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.2
203 33.0 0.0 37.3

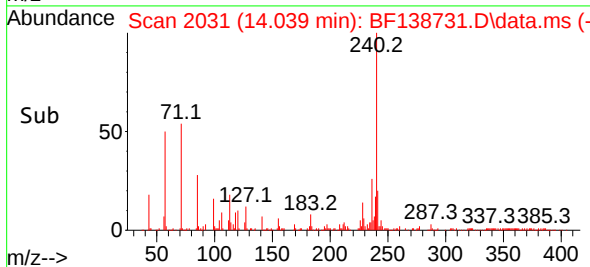
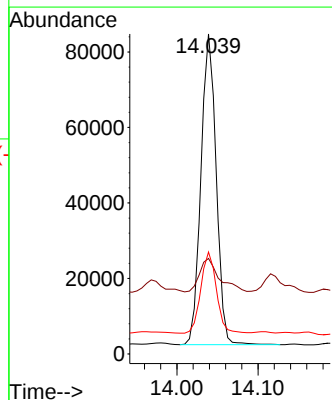
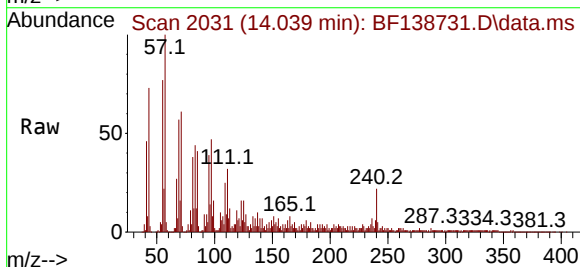
Manual Integrations
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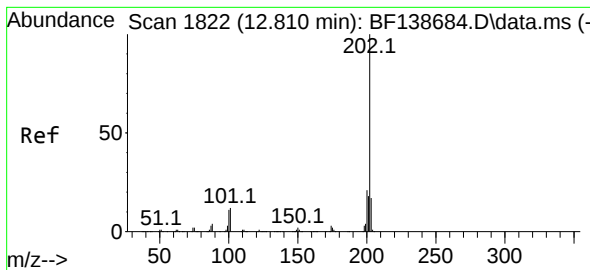
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.035 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35

Tgt Ion:240 Resp: 107334
Ion Ratio Lower Upper
240 100
120 29.8 10.2 15.4#
236 31.8 19.8 29.8#





#78

Pyrene

Concen: 5.055 ng

RT: 12.821 min Scan# 1824

Delta R.T. 0.012 min

Lab File: BF138731.D

Acq: 01 Aug 2024 18:35

Instrument :

BNA_F

ClientSampleId :

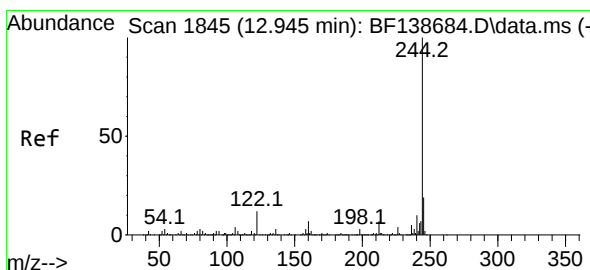
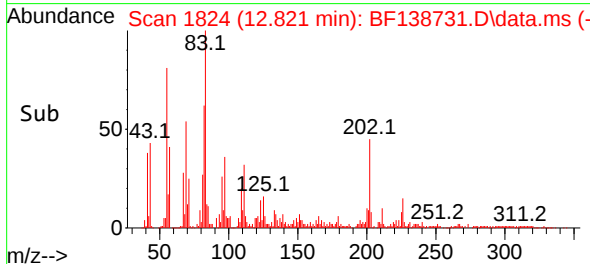
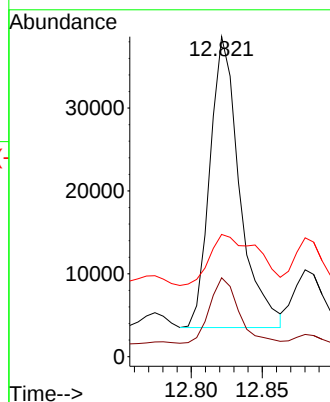
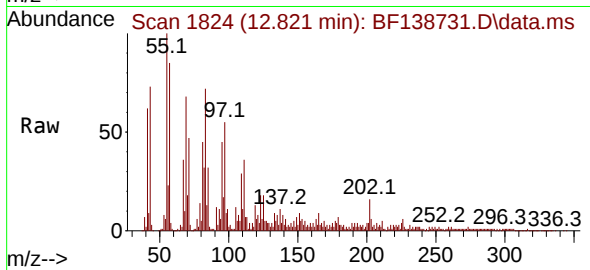
CONC-3

Tgt Ion:202	Resp: 5108
Ion Ratio	Lower Upper
202 100	
200 24.7	16.8 25.2
203 38.2	13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#79

Terphenyl-d14

Concen: 58.648 ng

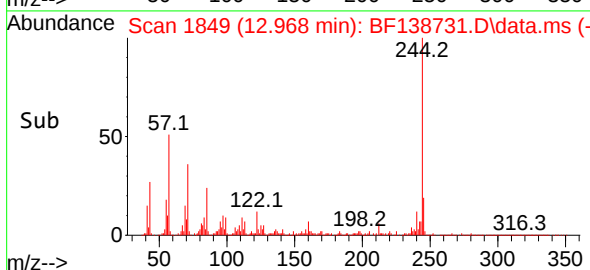
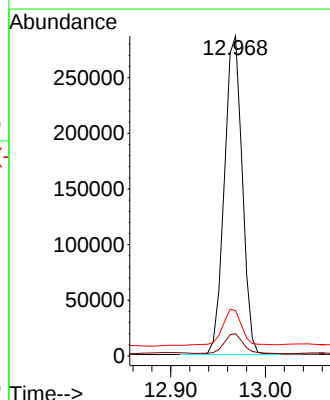
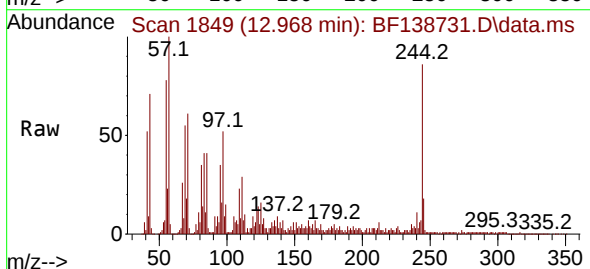
RT: 12.968 min Scan# 1849

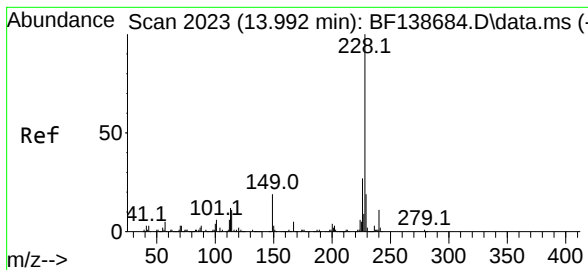
Delta R.T. 0.023 min

Lab File: BF138731.D

Acq: 01 Aug 2024 18:35

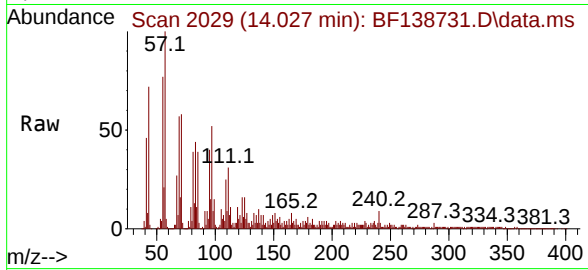
Tgt Ion:244	Resp: 375982
Ion Ratio	Lower Upper
244 100	
212 7.0	5.4 8.2
122 14.2	9.6 14.4





#81
Benzo(a)anthracene
Concen: 2.651 ng m
RT: 14.027 min Scan# 2029
Delta R.T. 0.035 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35

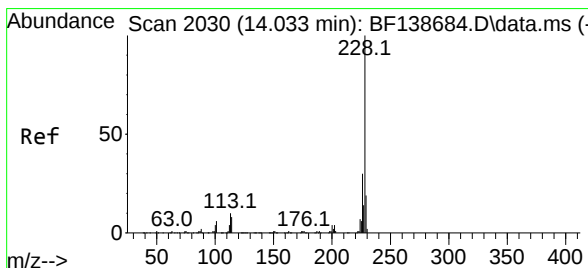
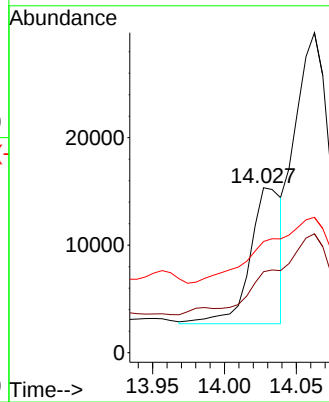
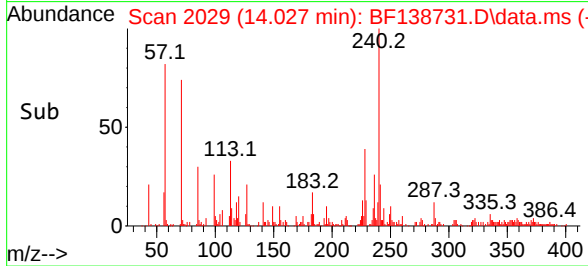
Instrument :
BNA_F
ClientSampleId :
CONC-3



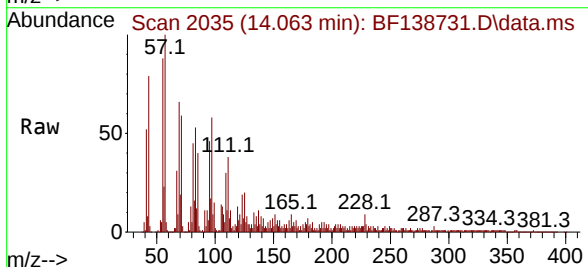
Tgt Ion:228 Resp: 19592
Ion Ratio Lower Upper
228 100
226 49.1 22.1 33.1#
229 67.4 15.4 23.0#

Manual Integrations
APPROVED

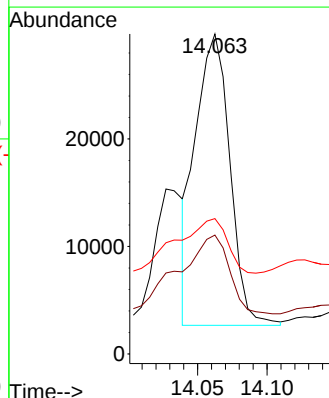
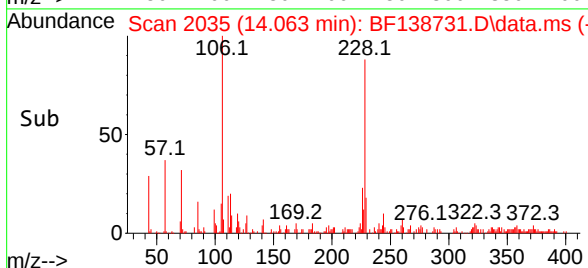
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

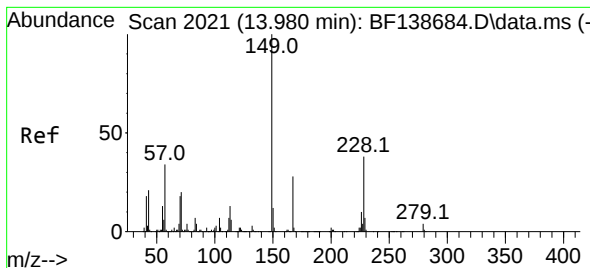


#83
Chrysene
Concen: 6.994 ng m
RT: 14.063 min Scan# 2035
Delta R.T. 0.029 min
Lab File: BF138731.D
Acq: 01 Aug 2024 18:35



Tgt Ion:228 Resp: 46638
Ion Ratio Lower Upper
228 100
226 37.2 23.7 35.5#
229 42.3 15.0 22.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.727 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.029 min

Lab File: BF138731.D

Acq: 01 Aug 2024 18:35

Instrument :

BNA_F

ClientSampleId :

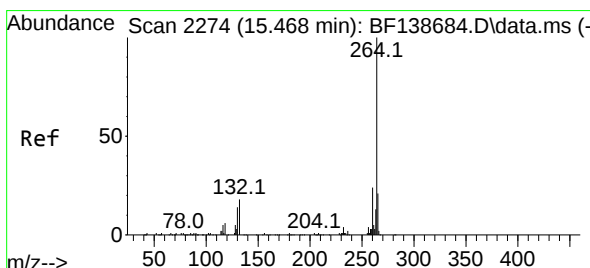
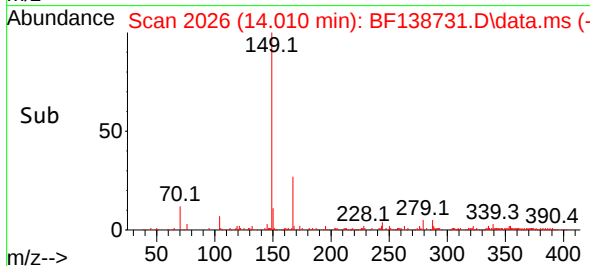
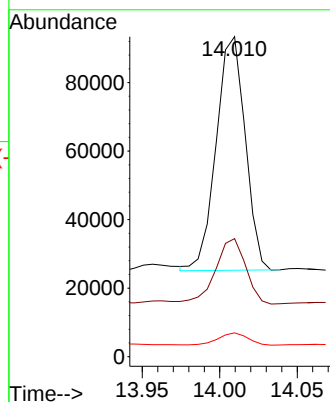
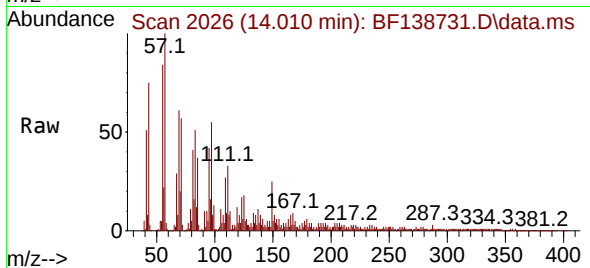
CONC-3

Tgt Ion:	149	Resp:	8874
Ion Ratio	Lower	Upper	
149	100		
167	36.9	22.2	33.4
279	7.4	3.4	5.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.053 min

Lab File: BF138731.D

Acq: 01 Aug 2024 18:35

Tgt Ion:	264	Resp:	81991
Ion Ratio	Lower	Upper	
264	100		
260	28.1	19.0	28.6
265	25.4	17.0	25.6

