

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141014.D
 Acq On : 27 Dec 2024 23:02
 Operator : RC/JU
 Sample : P5355-01RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251688RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 28 00:25:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	256969	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	951990	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	425887	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	604889	20.000	ng	0.00
76) Chrysene-d12	13.974	240	454564	20.000	ng	-0.01
86) Perylene-d12	15.433	264	361564	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1349834	79.181	ng	0.00
7) Phenol-d6	6.439	99	1652567	75.251	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1006775	67.660	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	317347	76.684	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	1680509	62.868	ng	0.00
79) Terphenyl-d14	12.927	244	1447682	52.899	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.551	202	121747	3.526	ng	98
78) Pyrene	12.780	202	104732	2.634	ng	98
83) Chrysene	13.998	228	58055	2.033	ng	97
84) Bis(2-ethylhexyl)phtha...	13.968	149	64792	3.441	ng	99
88) Benzo(b)fluoranthene	15.009	252	65700m	2.605	ng	

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

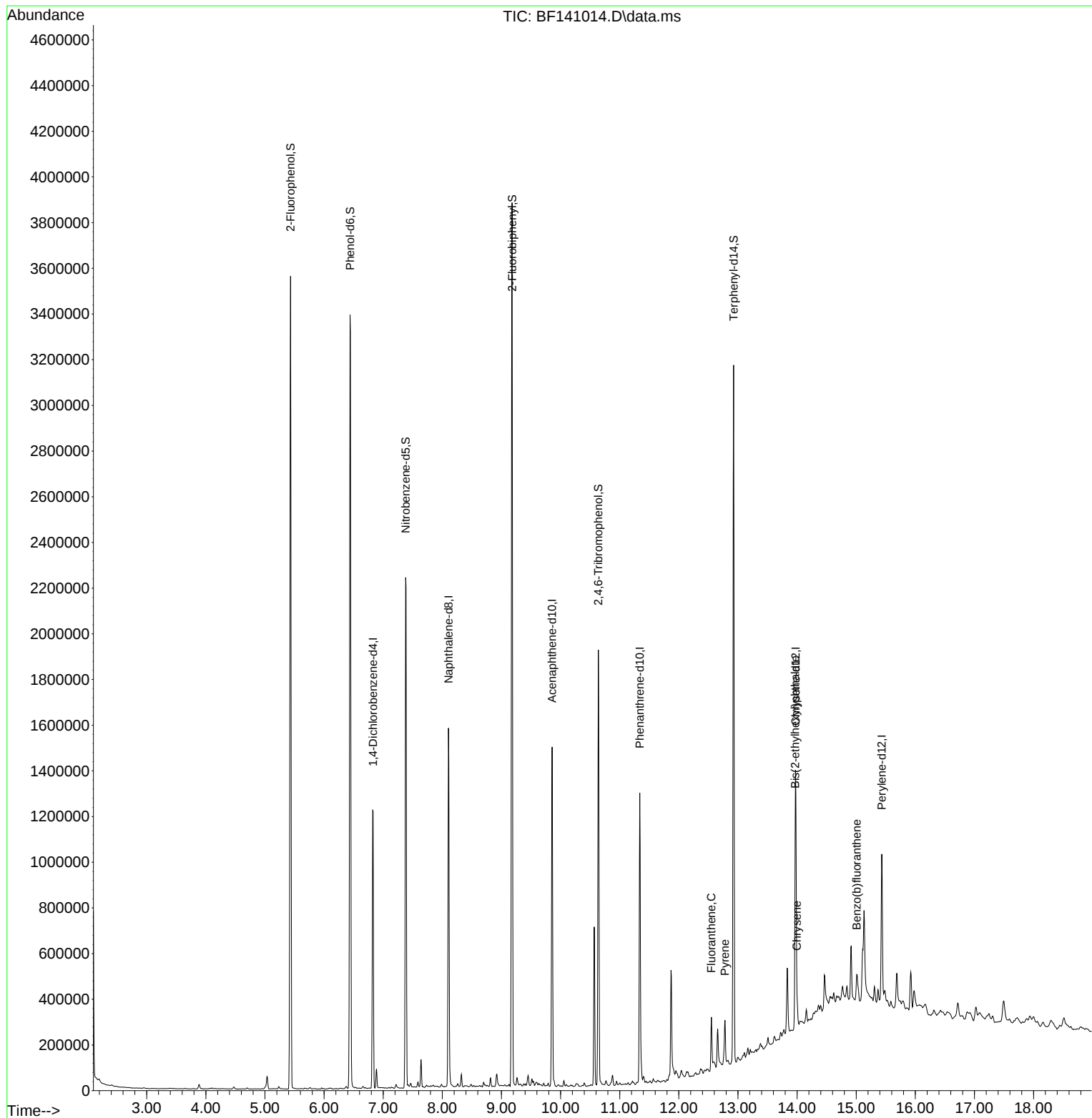
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
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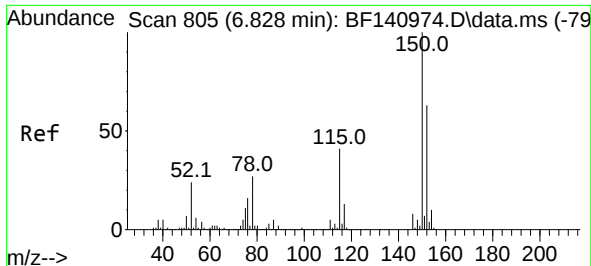
Instrument :
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Quant Time: Dec 28 00:25:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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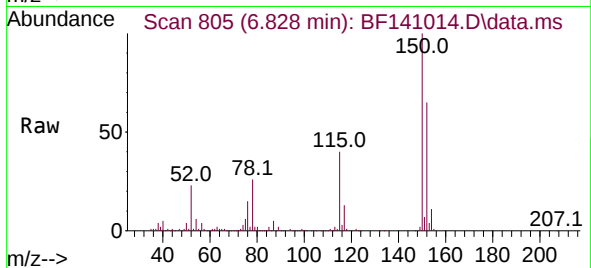
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

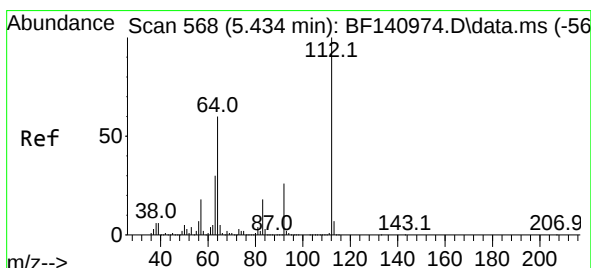
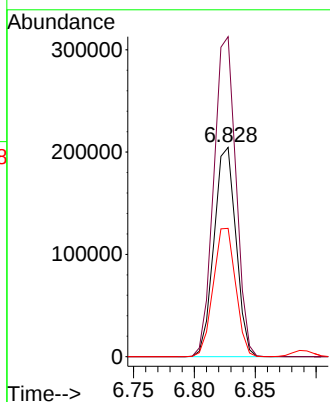
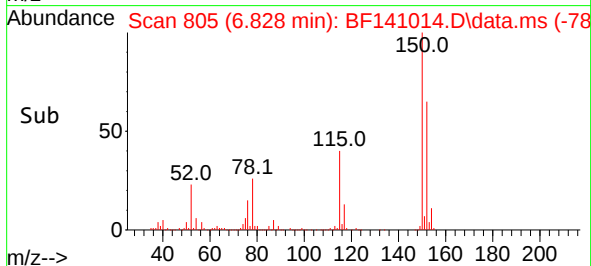
Instrument :
BNA_F
ClientSampleId :
RBR251688RE



Tgt Ion:152 Resp: 256969
Ion Ratio Lower Upper
152 100
150 152.9 127.0 190.6
115 61.3 51.7 77.5

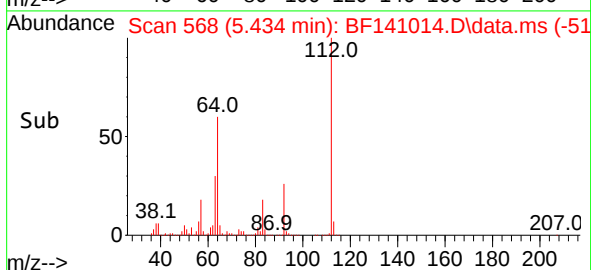
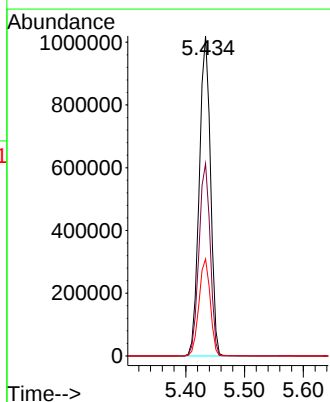
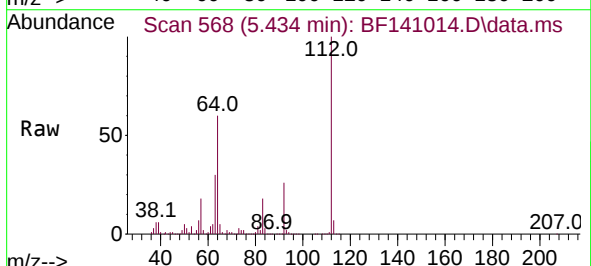
Manual Integrations
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#5
2-Fluorophenol
Concen: 79.181 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

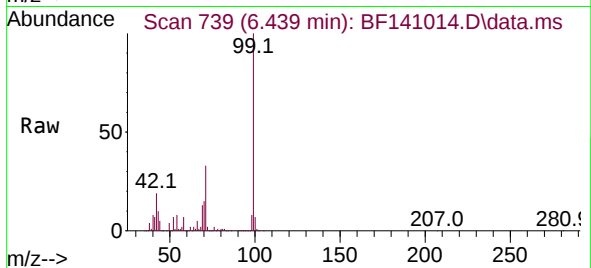
Tgt Ion:112 Resp: 1349834
Ion Ratio Lower Upper
112 100
64 60.1 47.7 71.5
63 30.3 24.2 36.2





#7
Phenol-d6
Concen: 75.251 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

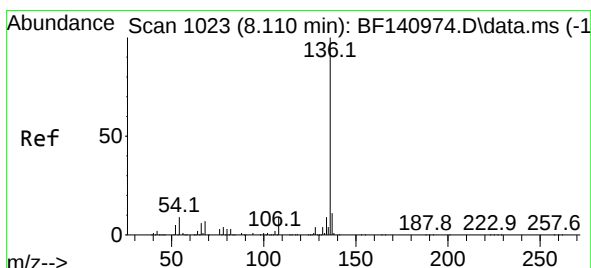
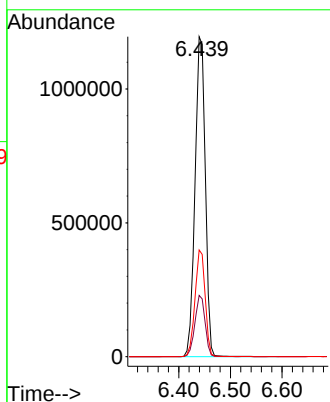
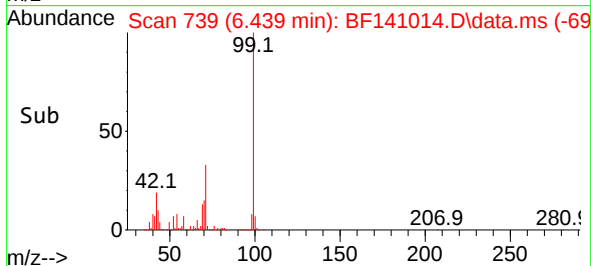
Instrument :
BNA_F
ClientSampleId :
RBR251688RE



Tgt Ion: 99 Resp: 165256
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 33.4 26.2 39.2

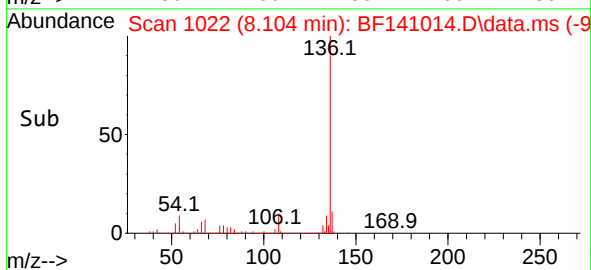
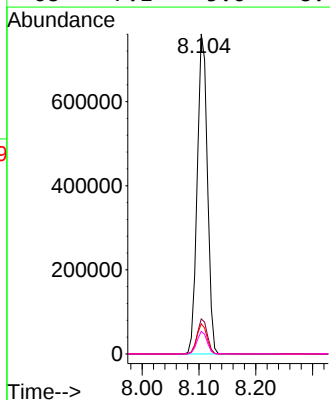
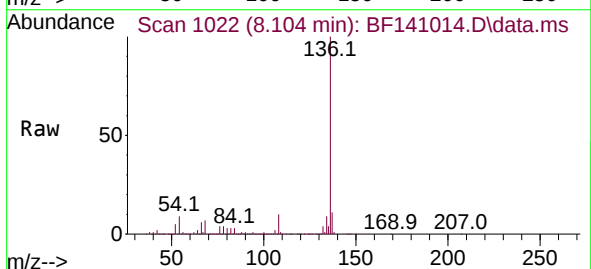
Manual Integrations
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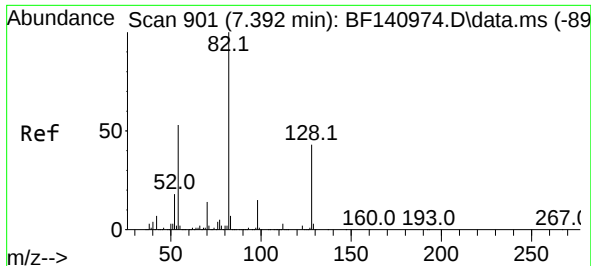
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

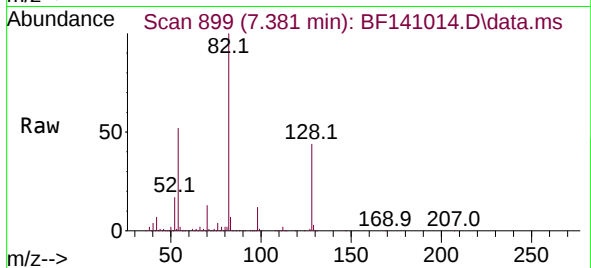
Tgt Ion:136 Resp: 951990
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.5 7.6 11.4
68 7.1 5.6 8.4





#23
Nitrobenzene-d5
Concen: 67.660 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

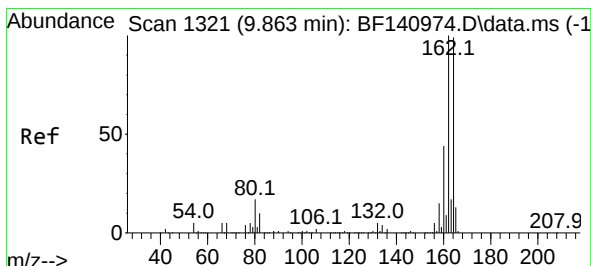
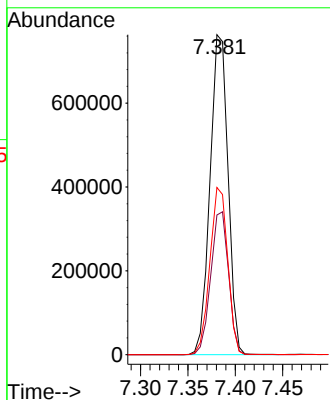
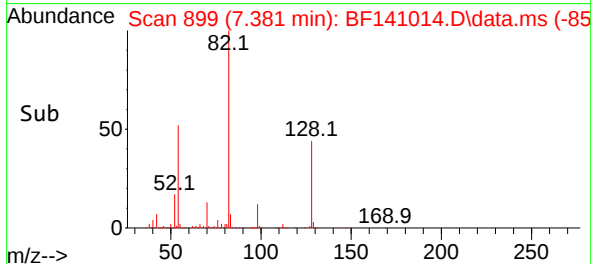
Instrument :
BNA_F
ClientSampleId :
RBR251688RE



Tgt Ion: 82 Resp: 1006779
Ion Ratio Lower Upper
82 100
128 43.7 34.4 51.6
54 52.3 42.4 63.6

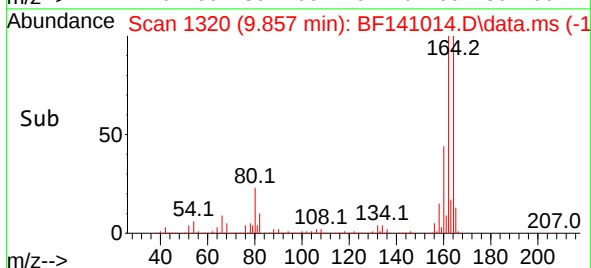
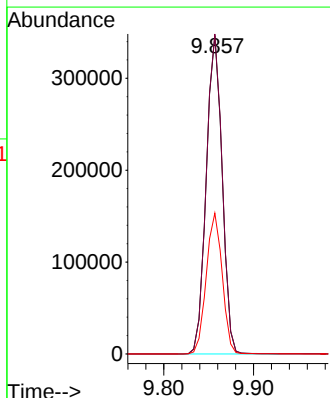
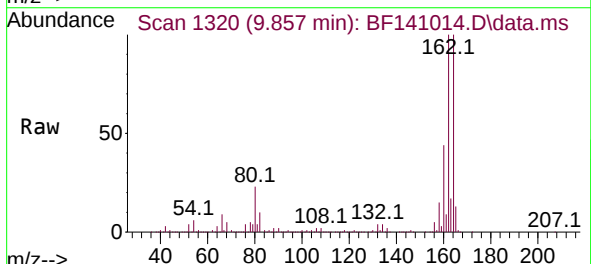
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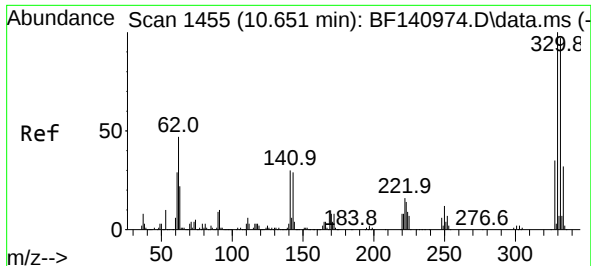
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

Tgt Ion:164 Resp: 425887
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.2 35.7 53.5





#42
2,4,6-Tribromophenol
Concen: 76.684 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

Instrument :

BNA_F

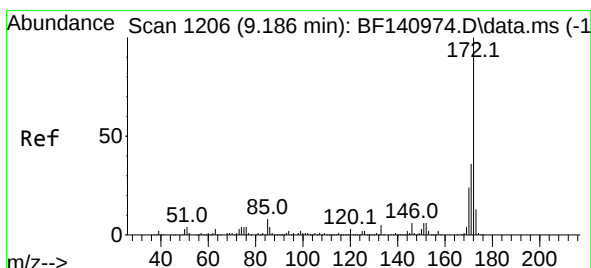
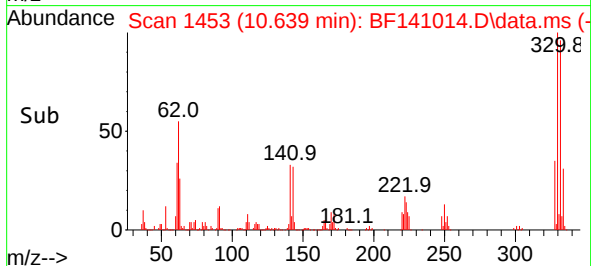
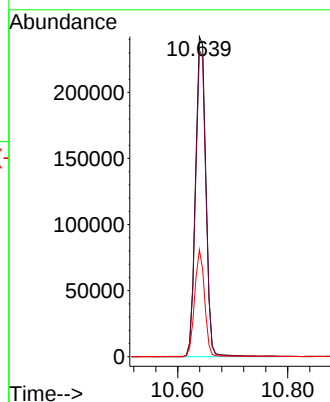
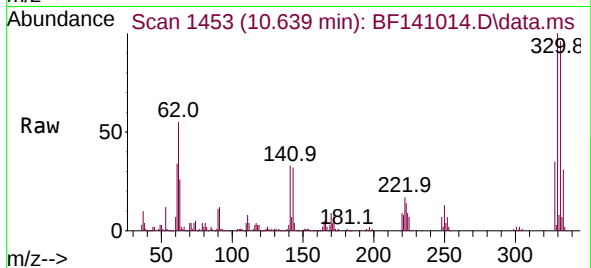
ClientSampleId :

RBR251688RE

Tgt Ion:330 Resp: 31734
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 32.3 26.4 39.6

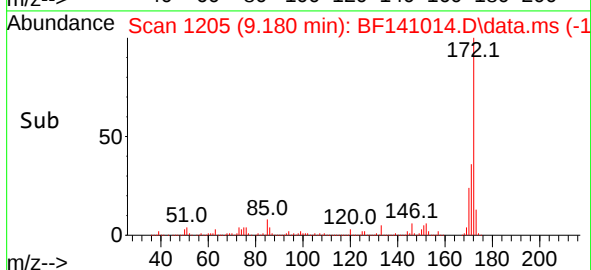
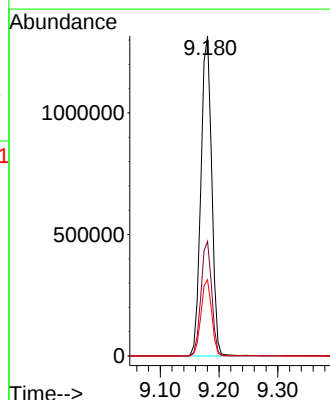
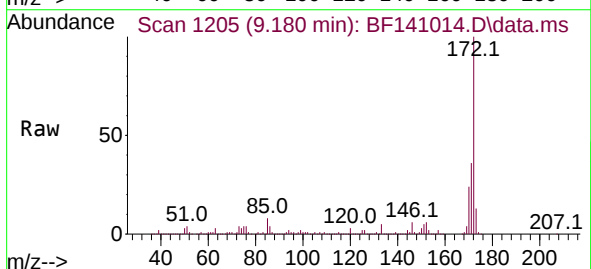
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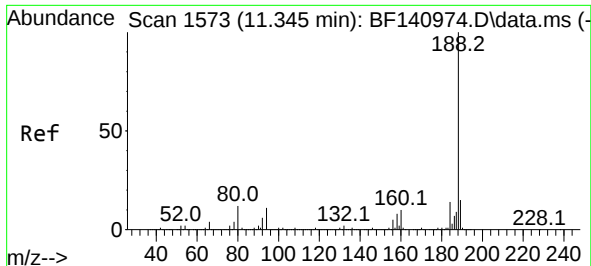
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#45
2-Fluorobiphenyl
Concen: 62.868 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

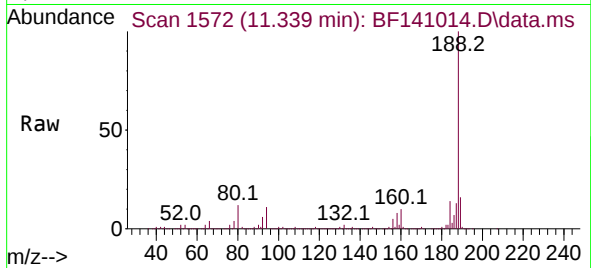
Tgt Ion:172 Resp: 1680509
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 23.8 19.6 29.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

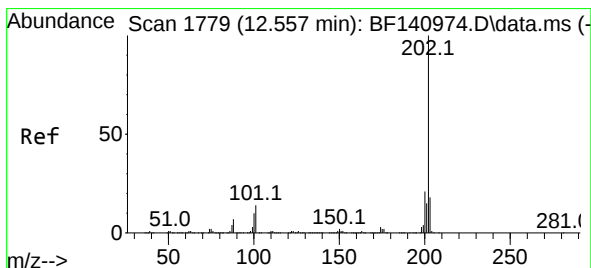
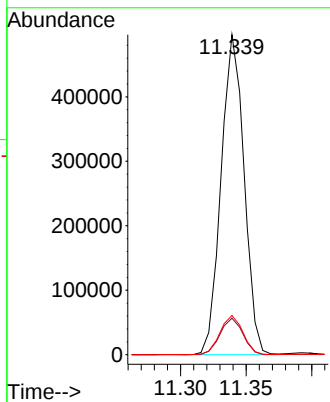
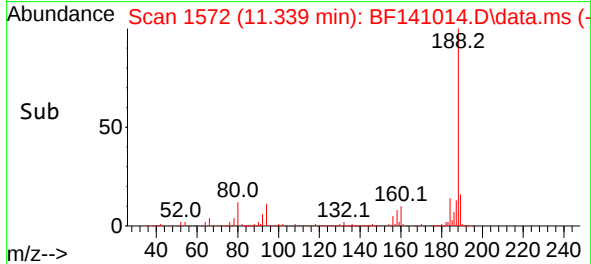
Instrument :
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RBR251688RE



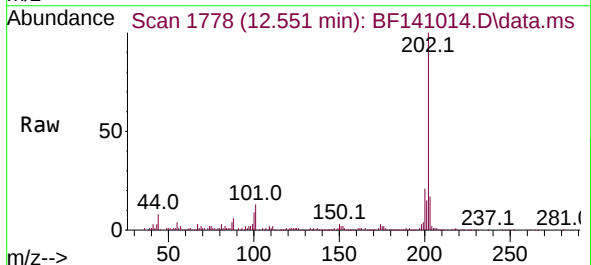
Tgt Ion:188 Resp: 604889
Ion Ratio Lower Upper
188 100
94 11.4 9.0 13.6
80 12.3 9.8 14.6

Manual Integrations
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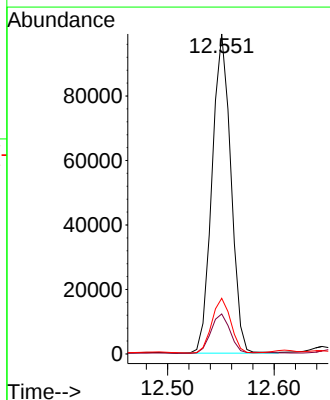
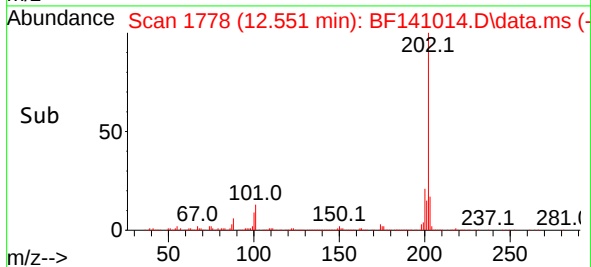
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

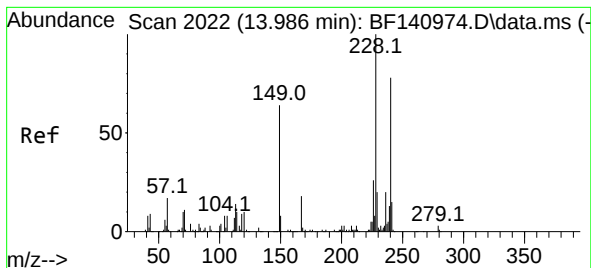


#75
Fluoranthene
Concen: 3.526 ng
RT: 12.551 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02



Tgt Ion:202 Resp: 121747
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.7
203 17.4 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141014.D

Acq: 27 Dec 2024 23:02

Instrument :

BNA_F

ClientSampleId :

RBR251688RE

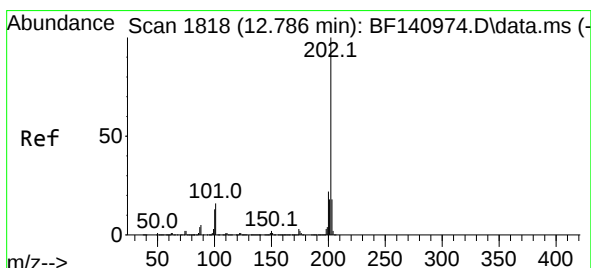
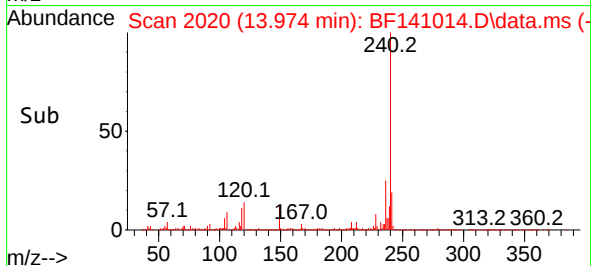
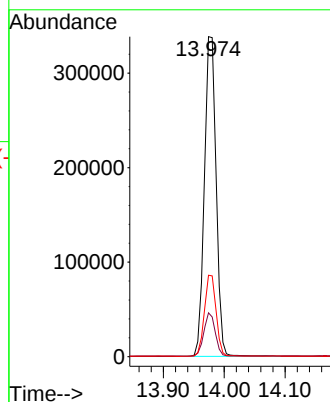
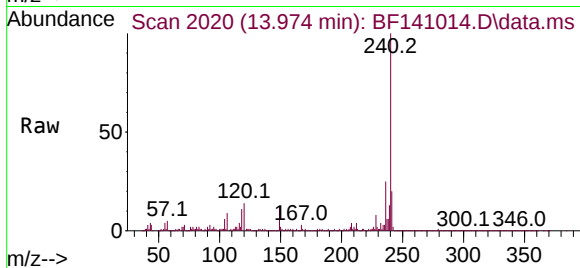
Tgt Ion:240 Resp: 454564
 Ion Ratio Lower Upper
 240 100
 120 13.7 10.7 16.1
 236 25.4 20.6 31.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#78

Pyrene

Concen: 2.634 ng

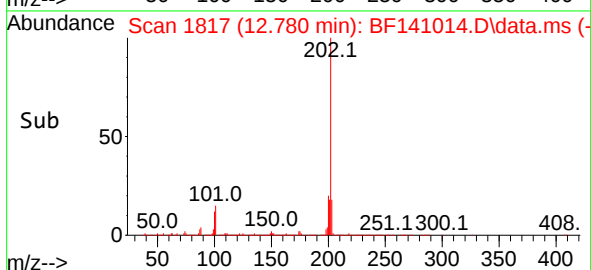
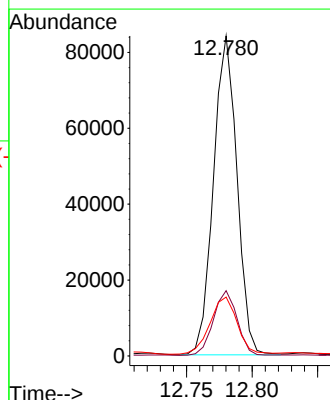
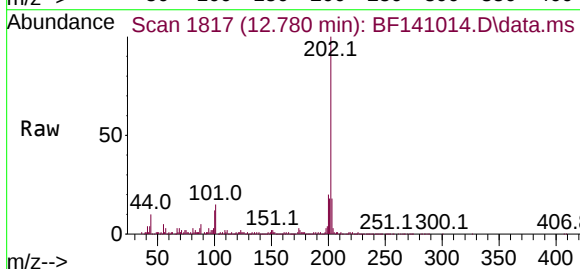
RT: 12.780 min Scan# 1817

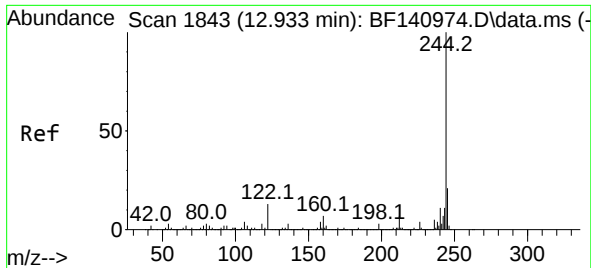
Delta R.T. -0.006 min

Lab File: BF141014.D

Acq: 27 Dec 2024 23:02

Tgt Ion:202 Resp: 104732
 Ion Ratio Lower Upper
 202 100
 200 20.4 17.3 25.9
 203 18.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 52.899 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141014.D
 Acq: 27 Dec 2024 23:02

Instrument :

BNA_F

ClientSampleId :

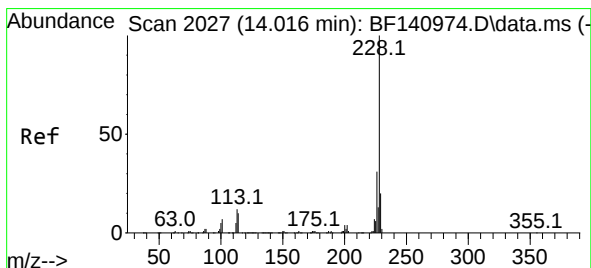
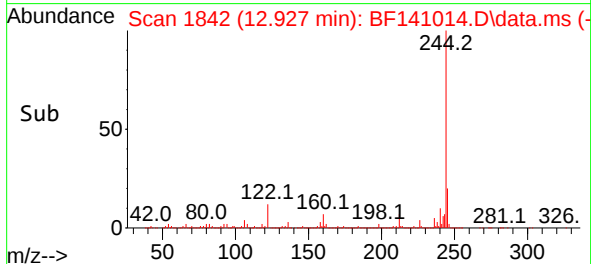
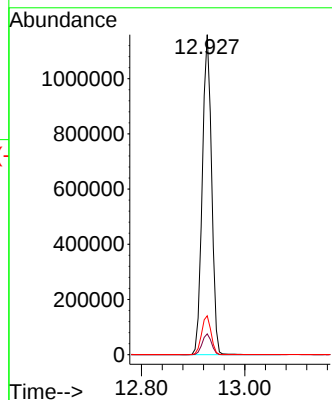
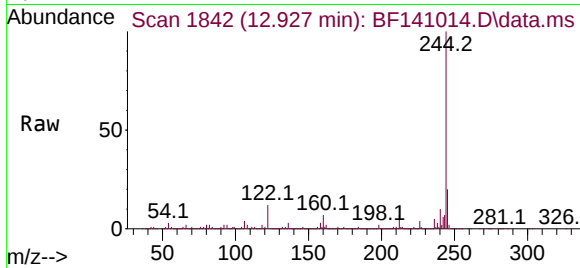
RBR251688RE

Tgt Ion:244 Resp: 144768
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 12.2 10.2 15.2

Manual Integrations

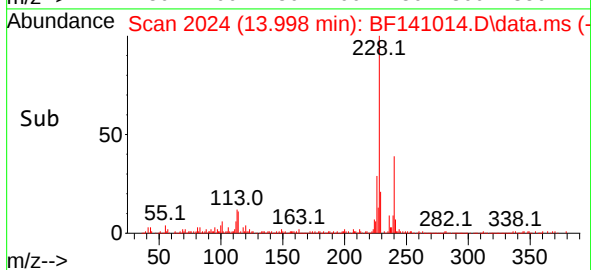
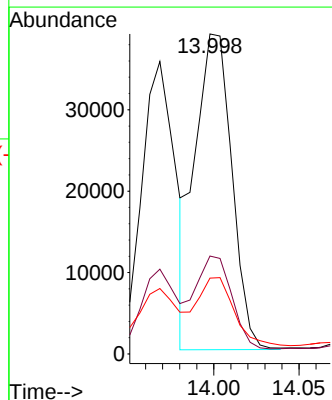
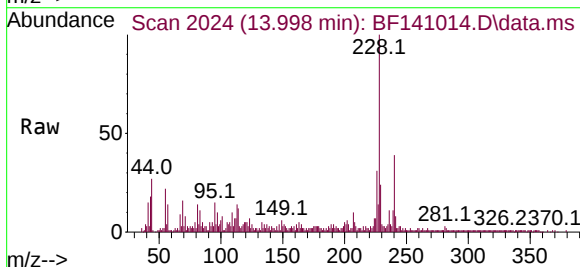
APPROVED

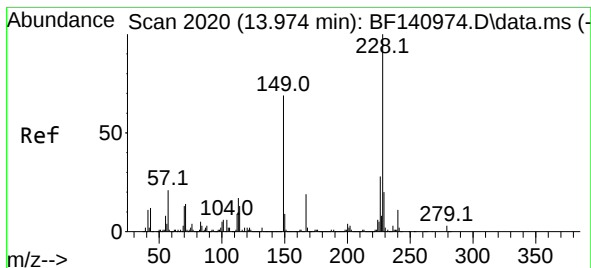
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024



#83
 Chrysene
 Concen: 2.033 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. -0.018 min
 Lab File: BF141014.D
 Acq: 27 Dec 2024 23:02

Tgt Ion:228 Resp: 58055
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.5 36.7
 229 23.7 16.2 24.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.441 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

Instrument :

BNA_F

ClientSampleId :

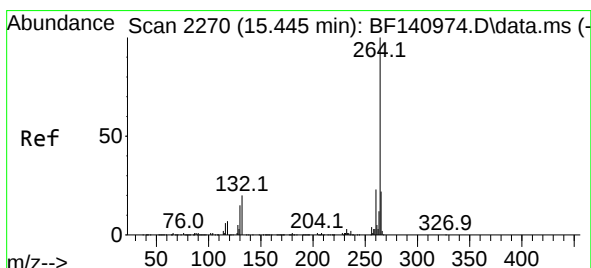
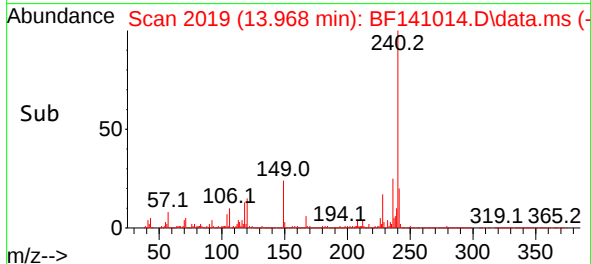
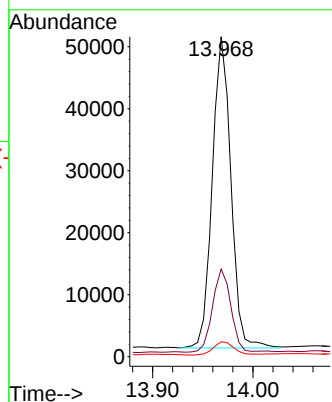
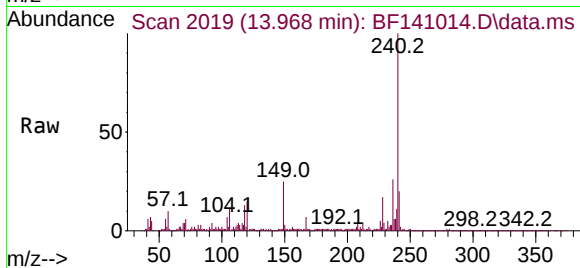
RBR251688RE

Tgt Ion:149 Resp: 64792
Ion Ratio Lower Upper
149 100
167 27.4 21.6 32.4
279 4.7 3.2 4.8

Manual Integrations

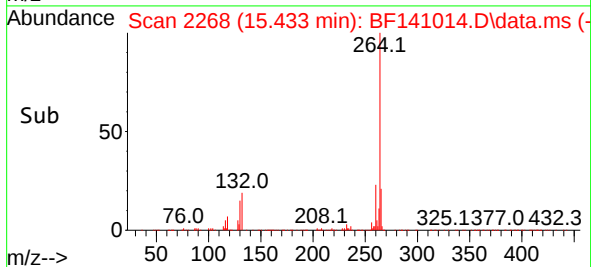
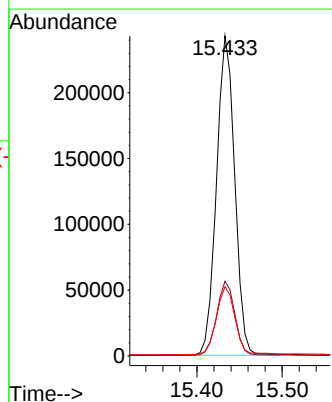
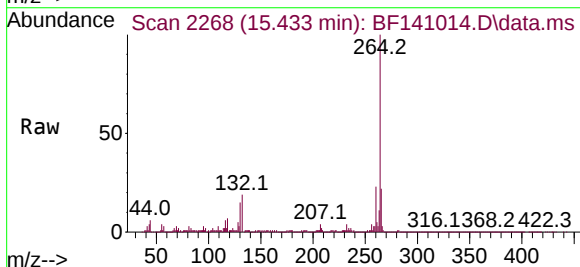
APPROVED

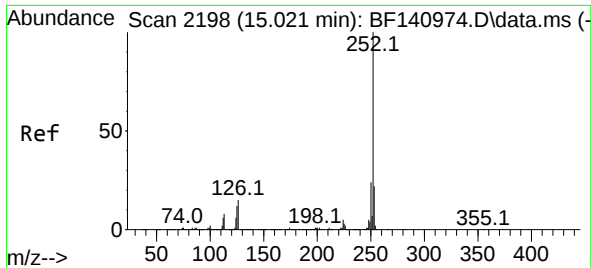
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

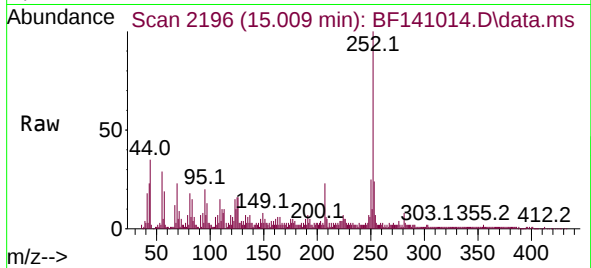
Tgt Ion:264 Resp: 361564
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.6 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.605 ng m
RT: 15.009 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141014.D
Acq: 27 Dec 2024 23:02

Instrument :
BNA_F
ClientSampleId :
RBR251688RE



Tgt Ion:252 Resp: 65700
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 16.1 9.3 13.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

