

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140492.D
 Acq On : 20 Nov 2024 11:23
 Operator : RC/JU
 Sample : P4843-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-WTS-01

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 11:53:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	109415	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	404300	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	209765	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	331432	20.000	ng	0.00
76) Chrysene-d12	14.051	240	183045	20.000	ng	0.00
86) Perylene-d12	15.556	264	217669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	433235	67.605	ng	0.01
7) Phenol-d6	6.510	99	358627	41.306	ng	0.00
23) Nitrobenzene-d5	7.433	82	723771	93.273	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	282329	135.348	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1275132	97.721	ng	0.00
79) Terphenyl-d14	12.986	244	984646	93.373	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.016	79	21003	3.358	ng	94
22) Acetophenone	7.275	105	31983	3.401	ng	# 91
31) Naphthalene	8.175	128	1103762	53.817	ng	99
32) Benzoic acid	7.939	122	87241m	21.600	ng	
37) 2-Methylnaphthalene	8.863	142	142205	10.813	ng	100
38) 1-Methylnaphthalene	8.963	142	149663	11.622	ng	99
52) Acenaphthene	9.939	154	41979	3.534	ng	97
58) Fluorene	10.457	166	27312	2.056	ng	98
71) Phenanthrene	11.421	178	58052	3.729	ng	100
74) Di-n-butylphthalate	11.957	149	946893	52.363	ng	100

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

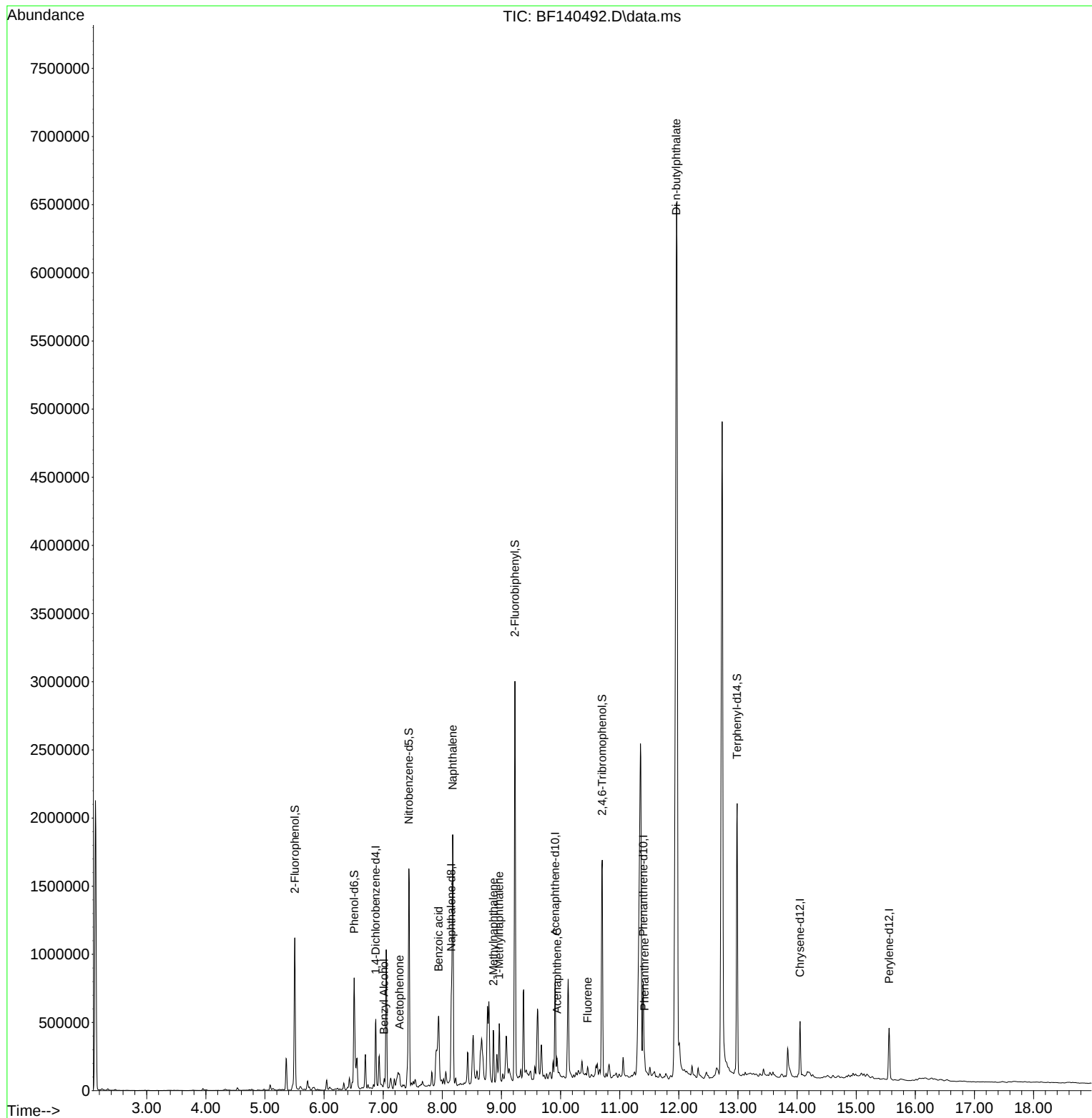
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Data File : BF140492.D
Acq On : 20 Nov 2024 11:23
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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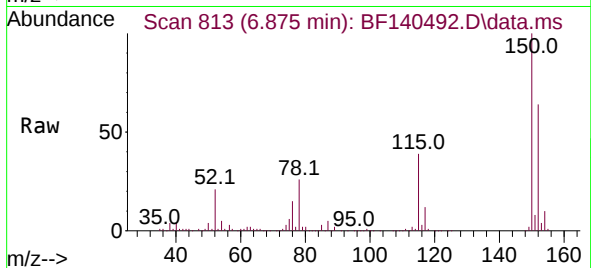
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

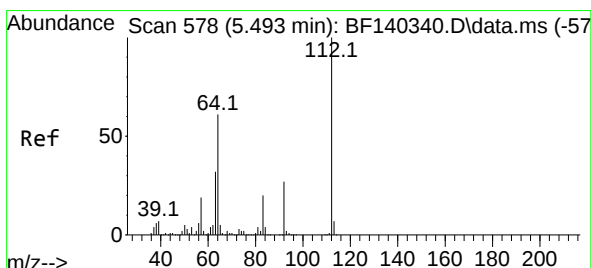
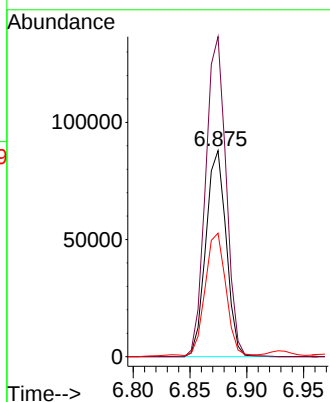
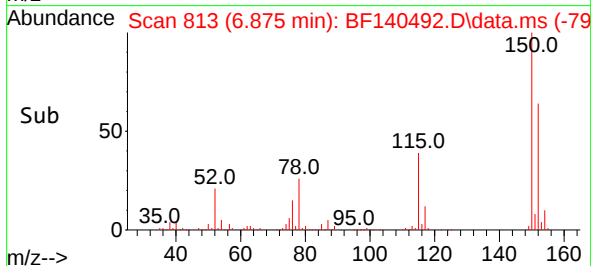
Instrument :
BNA_F
ClientSampleId :
SW-WTS-01



Tgt Ion:152 Resp: 109415
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.0
115 60.0 47.4 71.2

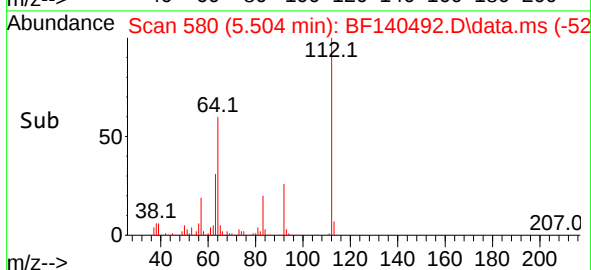
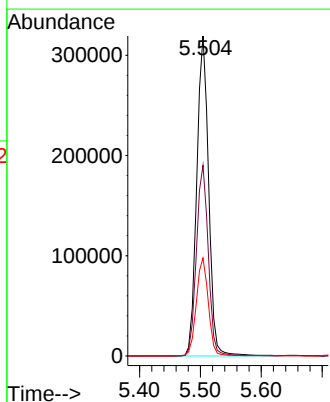
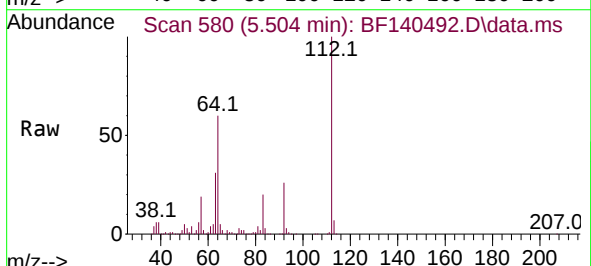
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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#5
2-Fluorophenol
Concen: 67.605 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Tgt Ion:112 Resp: 433235
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 30.6 25.6 38.4





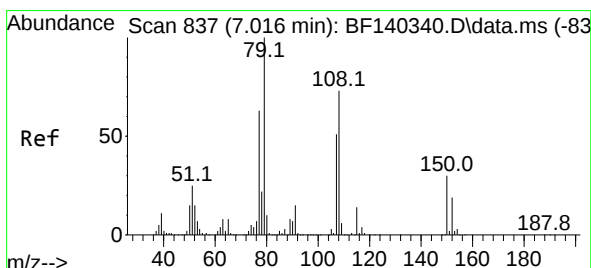
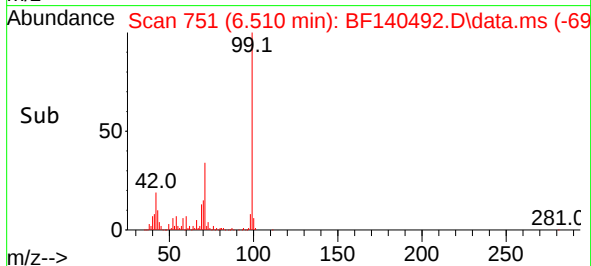
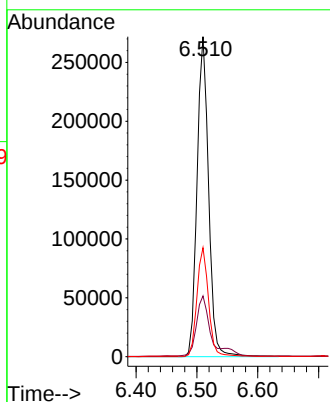
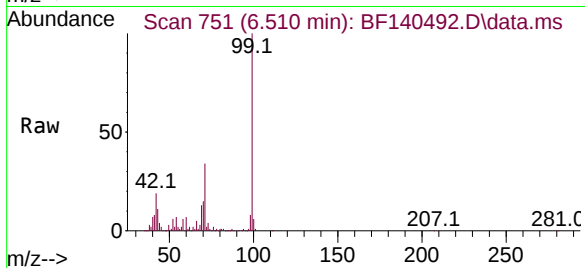
#7
Phenol-d6
Concen: 41.306 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Instrument :
BNA_F
ClientSampleId :
SW-WTS-01

Tgt Ion: 99 Resp: 35862
Ion Ratio Lower Upper
99 100
42 19.0 15.1 22.7
71 34.0 27.9 41.9

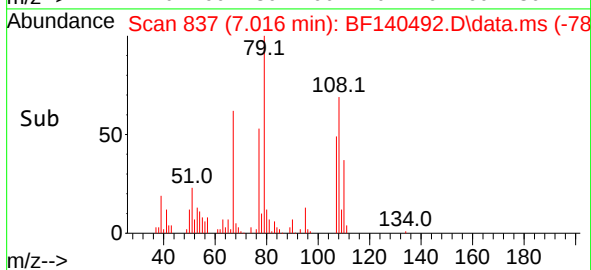
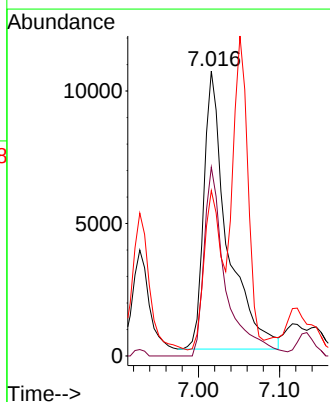
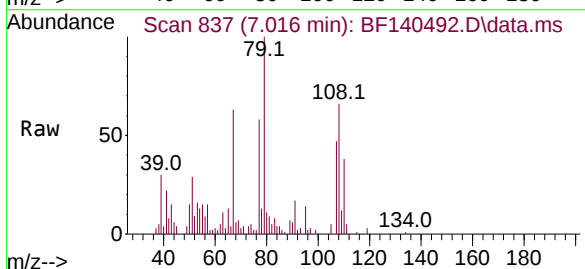
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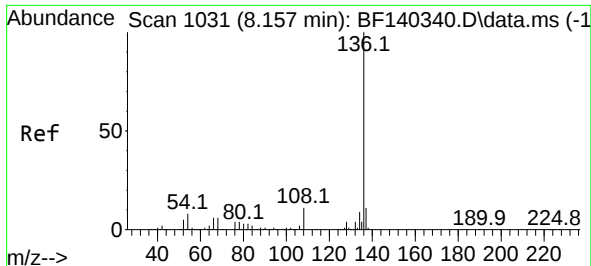
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#15
Benzyl Alcohol
Concen: 3.358 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Tgt Ion: 79 Resp: 21003
Ion Ratio Lower Upper
79 100
108 66.3 57.8 86.6
77 58.0 49.8 74.6





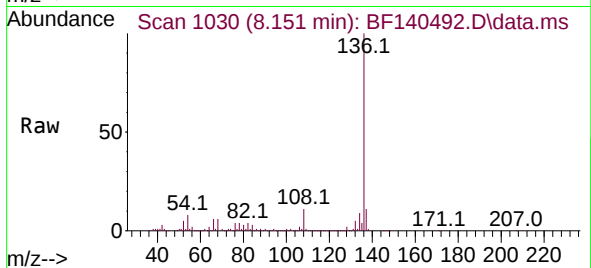
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Instrument :

BNA_F

ClientSampleId :

SW-WTS-01



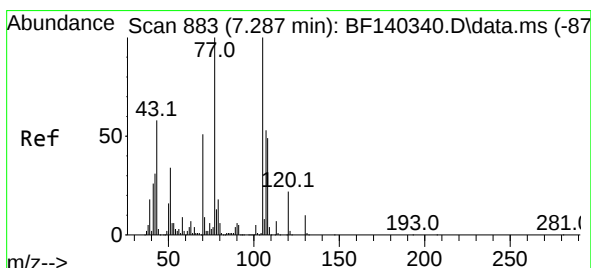
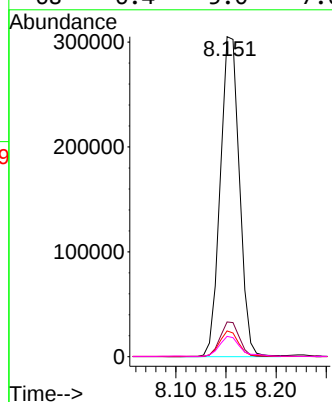
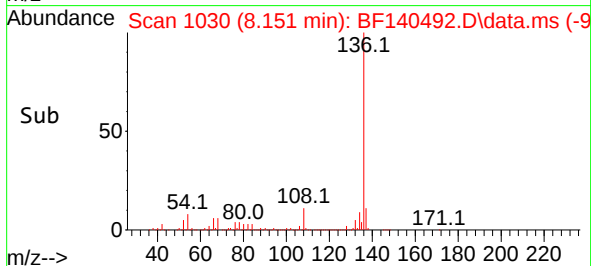
Tgt Ion:136 Resp: 404300
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.1 6.5 9.7
68 6.4 5.0 7.6

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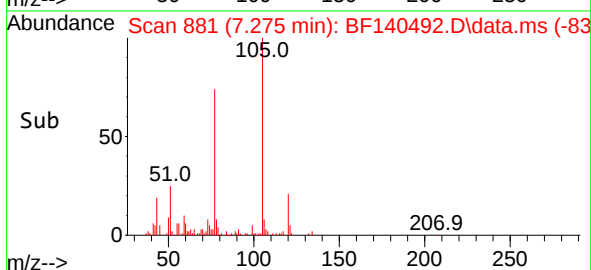
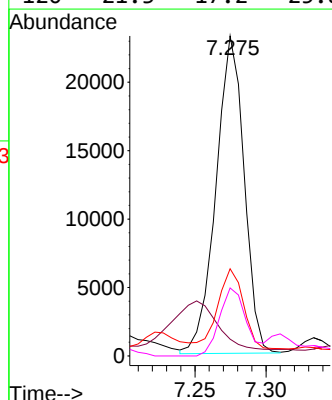
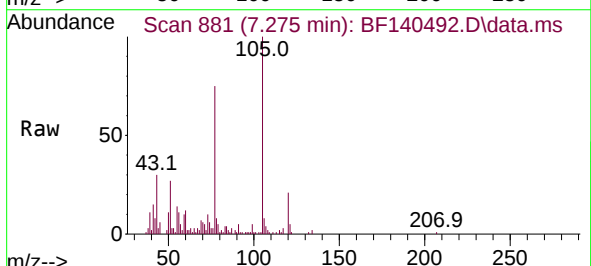
Reviewed By :Yogesh Patel 11/22/2024

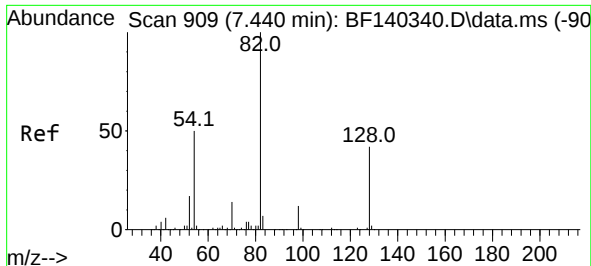
Supervised By :mohammad ahmed 11/22/2024



#22
Acetophenone
Concen: 3.401 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Tgt Ion:105 Resp: 31983
Ion Ratio Lower Upper
105 100
71 5.3 6.9 10.3#
51 27.3 28.6 43.0#
120 21.3 17.2 25.8





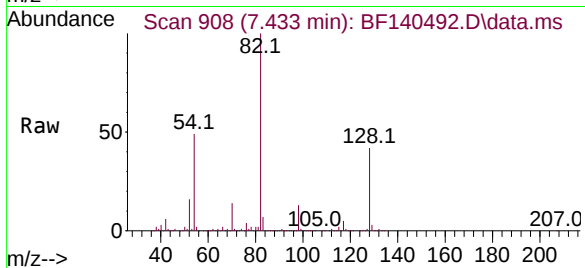
#23
Nitrobenzene-d5
Concen: 93.273 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Instrument :

BNA_F

ClientSampleId :

SW-WTS-01

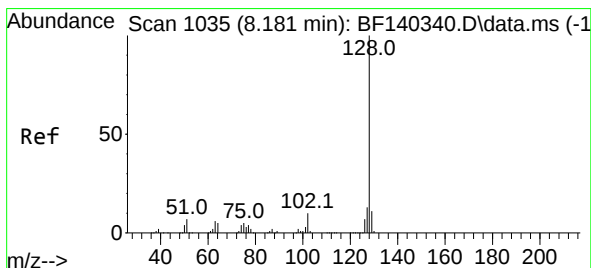
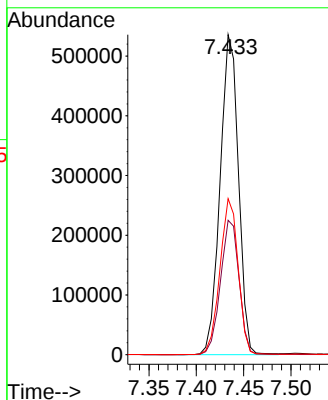
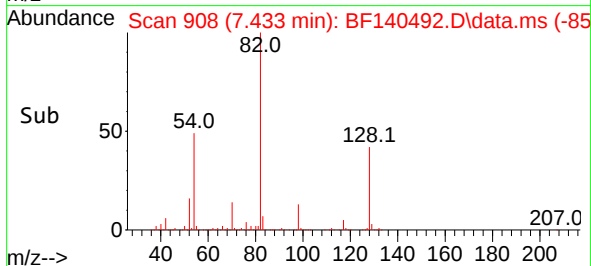


Tgt Ion: 82 Resp: 723772
Ion Ratio Lower Upper
82 100
128 42.0 33.3 49.9
54 48.7 39.8 59.8

Manual Integrations

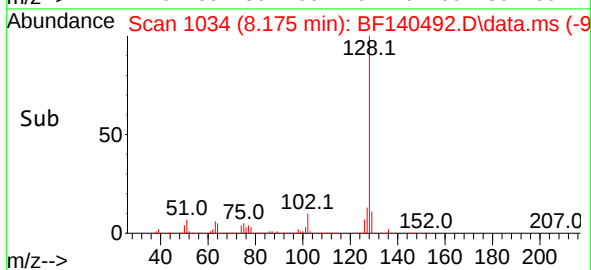
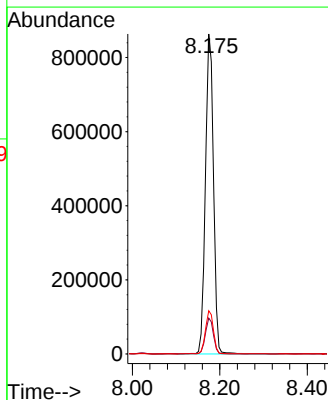
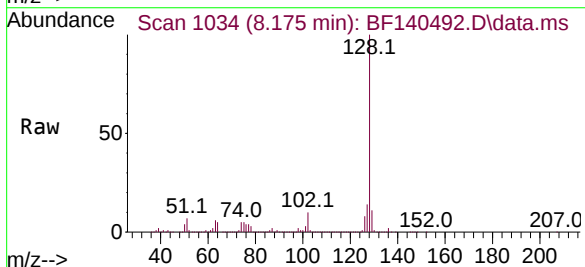
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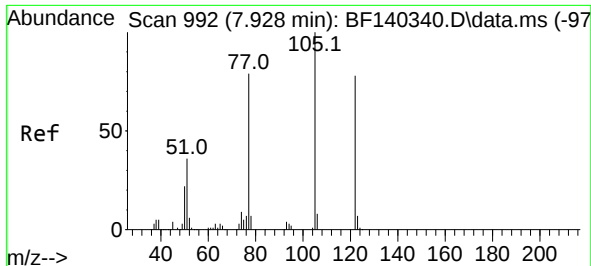
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#31
Naphthalene
Concen: 53.817 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

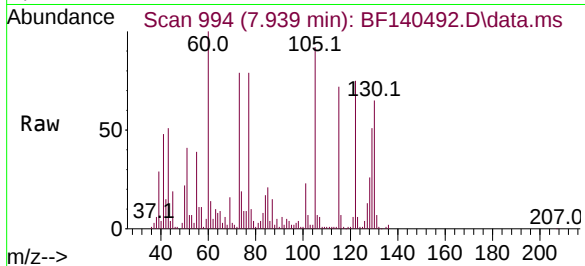
Tgt Ion:128 Resp: 1103762
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.5 10.6 15.8





#32
Benzoic acid
Concen: 21.600 ng m
RT: 7.939 min Scan# 992
Delta R.T. 0.012 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

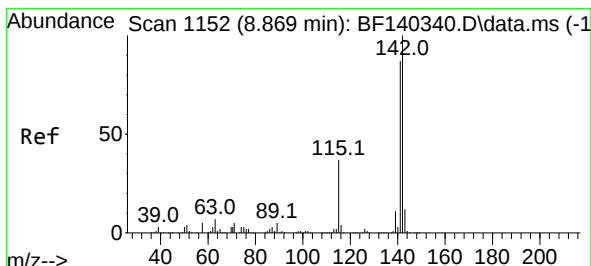
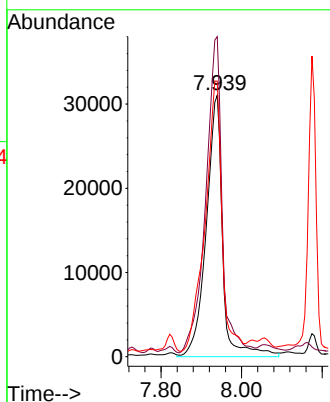
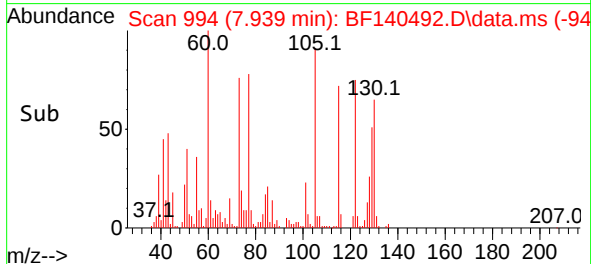
Instrument :
BNA_F
ClientSampleId :
SW-WTS-01



Tgt Ion:122 Resp: 8724
Ion Ratio Lower Upper
122 100
105 122.4 100.9 140.9
77 105.4 76.0 116.0

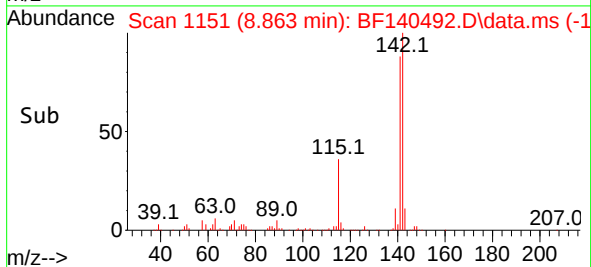
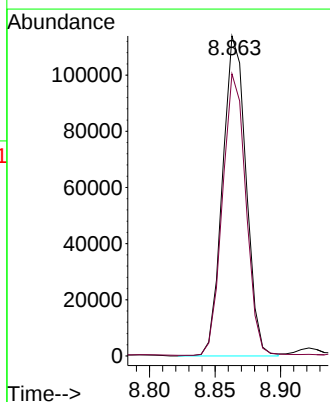
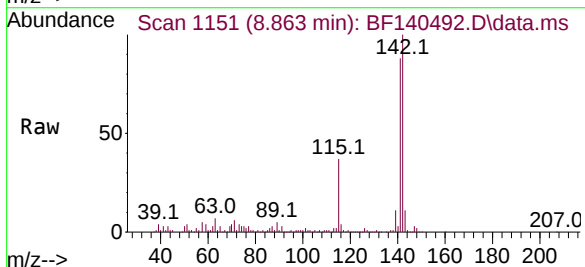
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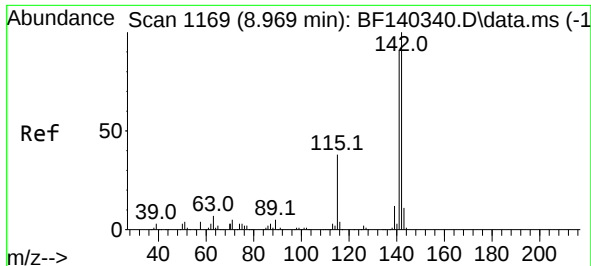
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#37
2-Methylnaphthalene
Concen: 10.813 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Tgt Ion:142 Resp: 142205
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6





#38

1-Methylnaphthalene

Concen: 11.622 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF140492.D

Acq: 20 Nov 2024 11:23

Instrument :

BNA_F

ClientSampleId :

SW-WTS-01

Tgt Ion:142 Resp: 14966

Ion Ratio Lower Upper

142 100

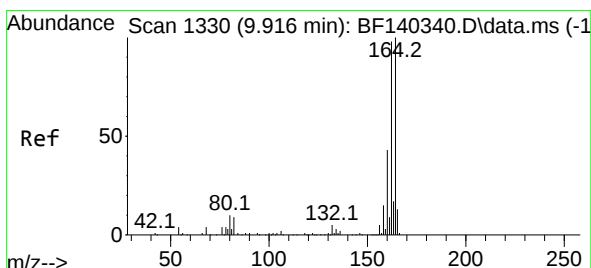
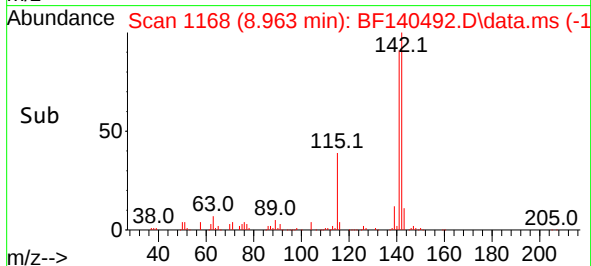
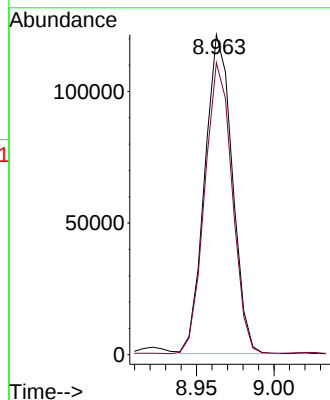
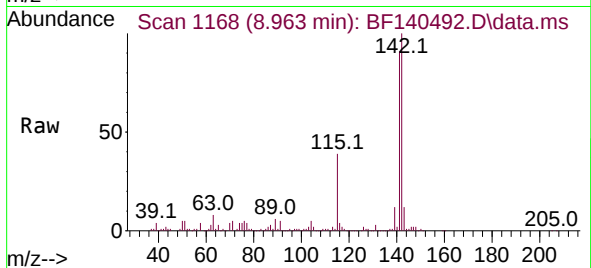
141 91.3 73.6 110.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140492.D

Acq: 20 Nov 2024 11:23

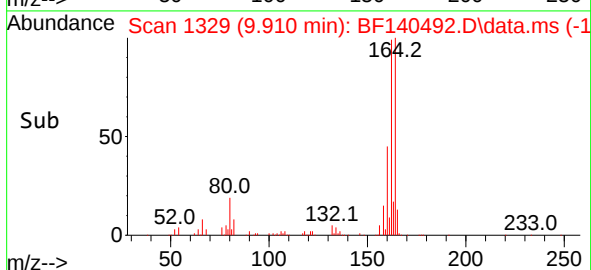
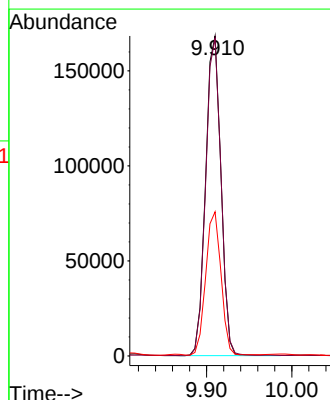
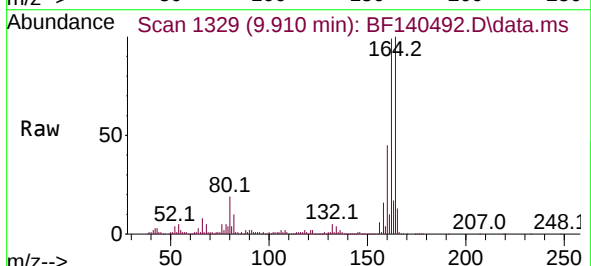
Tgt Ion:164 Resp: 209765

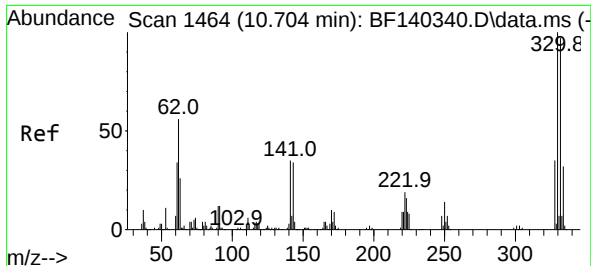
Ion Ratio Lower Upper

164 100

162 99.2 79.8 119.8

160 45.1 35.4 53.0





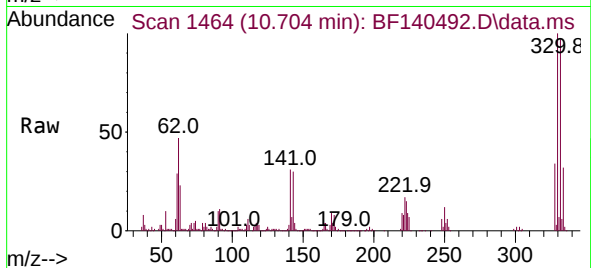
#42
2,4,6-Tribromophenol
Concen: 135.348 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Instrument :

BNA_F

ClientSampleId :

SW-WTS-01



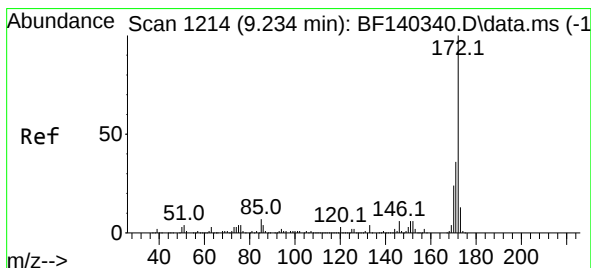
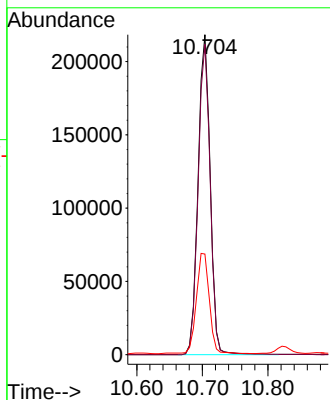
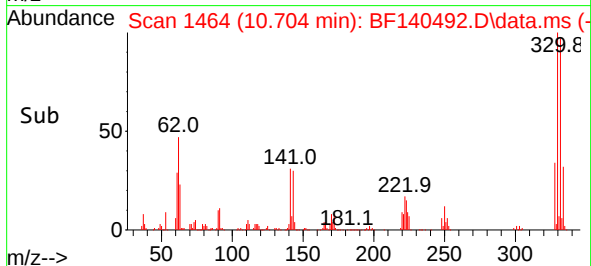
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Ion Ratio Lower Upper
330 100
332 96.5 75.9 113.9
141 33.1 26.9 40.3

Manual Integrations

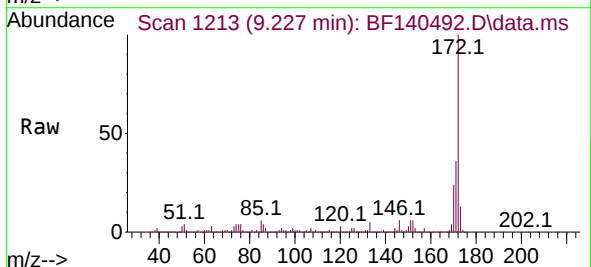
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

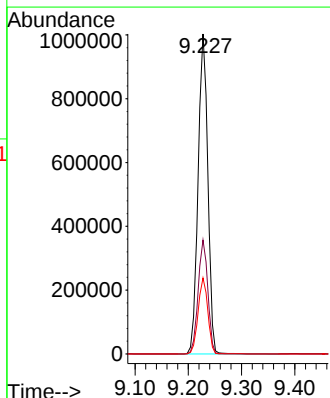
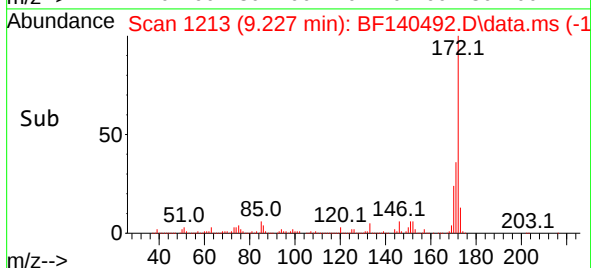
Supervised By :mohammad ahmed 11/22/2024

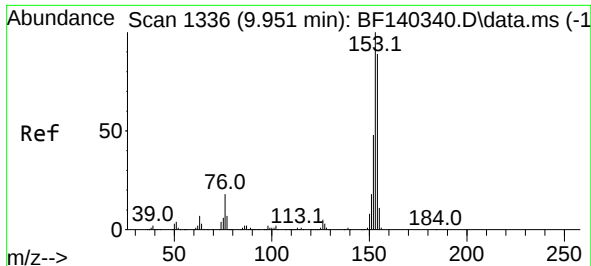


#45
2-Fluorobiphenyl
Concen: 97.721 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23



Tgt Ion:172 Resp: 1275132
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.8 19.1 28.7





#52
Acenaphthene
Concen: 3.534 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Instrument :

BNA_F

ClientSampleId :

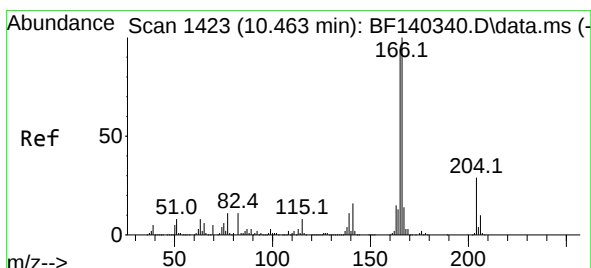
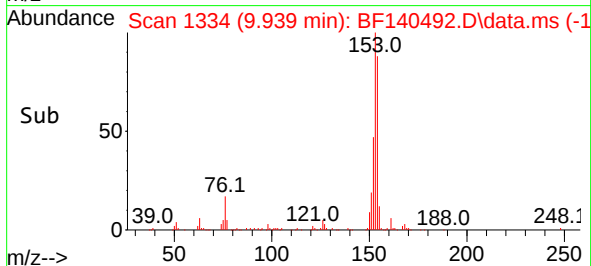
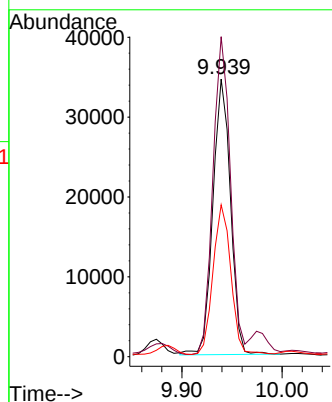
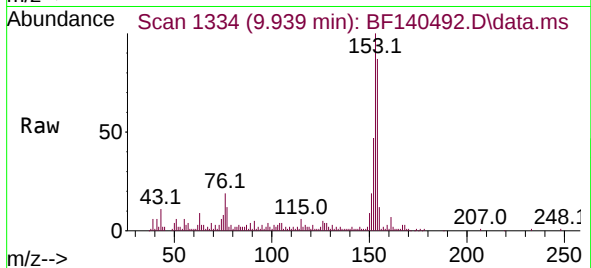
SW-WTS-01

Tgt Ion:154 Resp: 41979
Ion Ratio Lower Upper
154 100
153 115.3 89.8 134.8
152 54.7 42.6 64.0

Manual Integrations

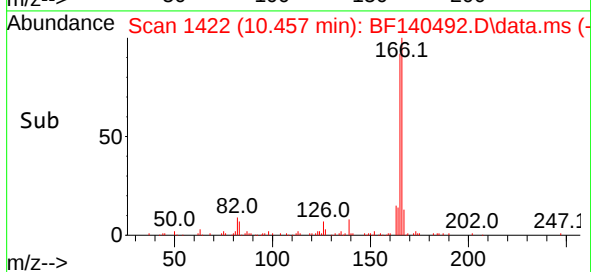
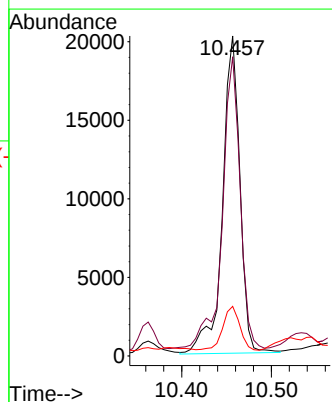
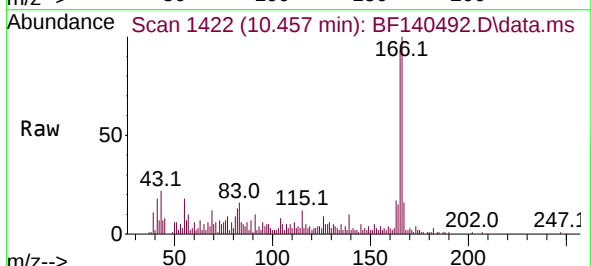
APPROVED

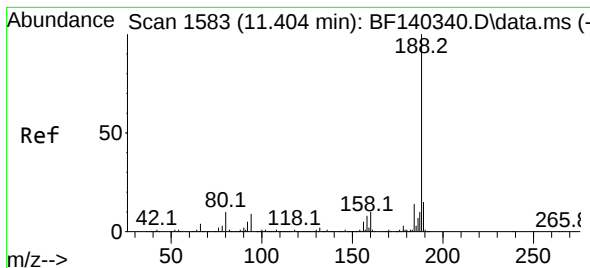
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#58
Fluorene
Concen: 2.056 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Tgt Ion:166 Resp: 27312
Ion Ratio Lower Upper
166 100
165 93.5 73.9 110.9
167 15.5 10.9 16.3





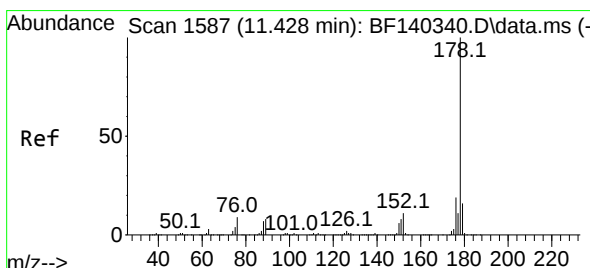
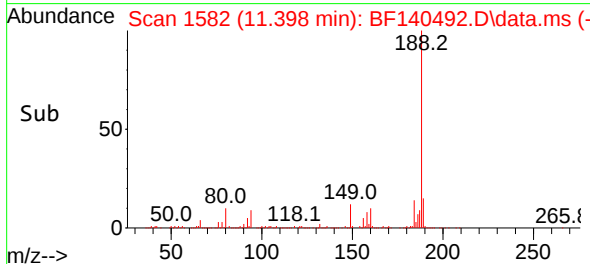
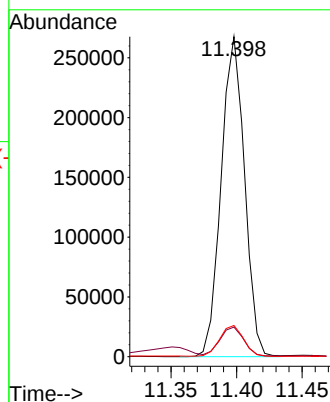
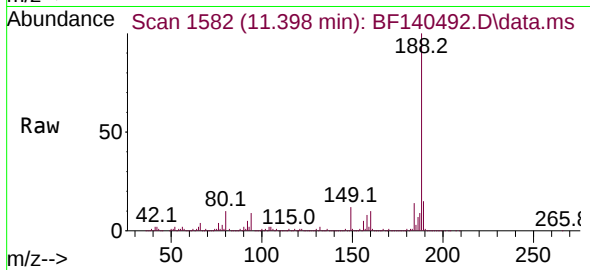
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Instrument :
BNA_F
ClientSampleId :
SW-WTS-01

Tgt Ion:188 Resp: 33143
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.8 8.0 12.0

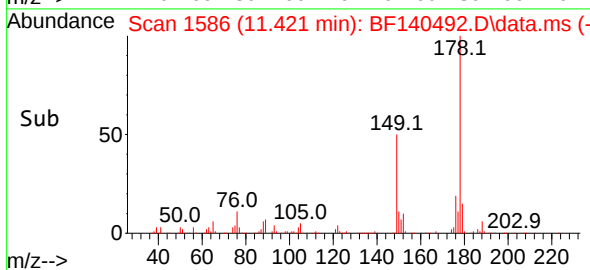
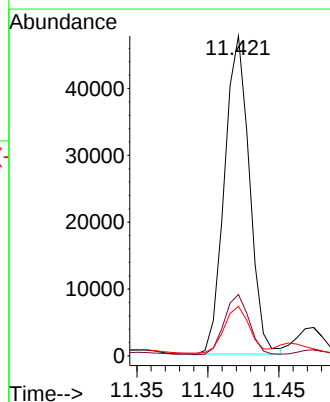
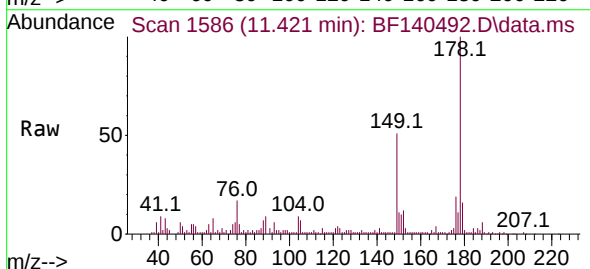
Manual Integrations
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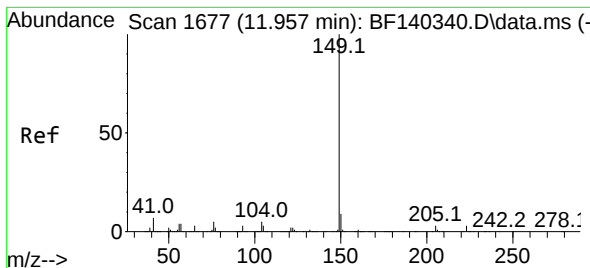
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#71
Phenanthrene
Concen: 3.729 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

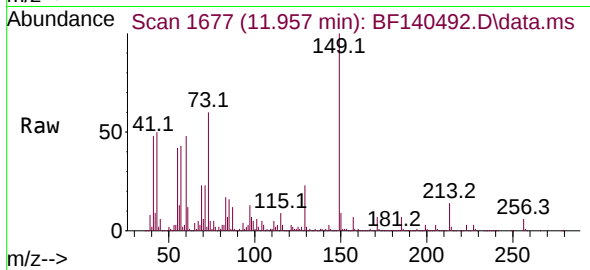
Tgt Ion:178 Resp: 58052
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.4 18.6





#74
Di-n-butylphthalate
Concen: 52.363 ng
RT: 11.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

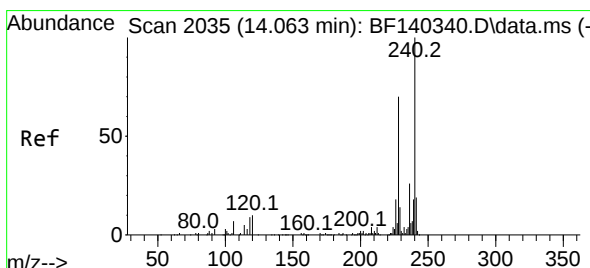
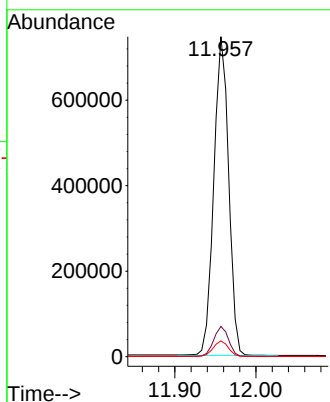
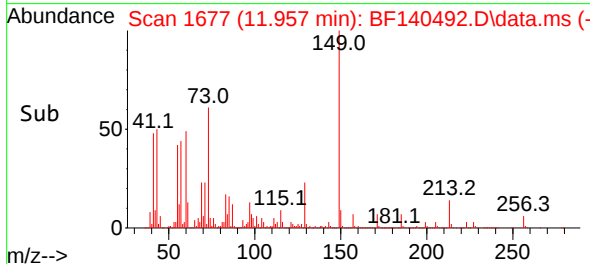
Instrument :
BNA_F
ClientSampleId :
SW-WTS-01



Tgt Ion:149 Resp: 94689
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.9 4.0 6.0

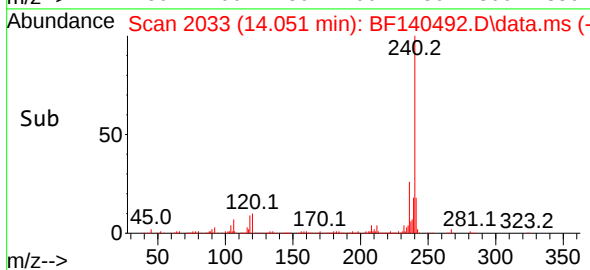
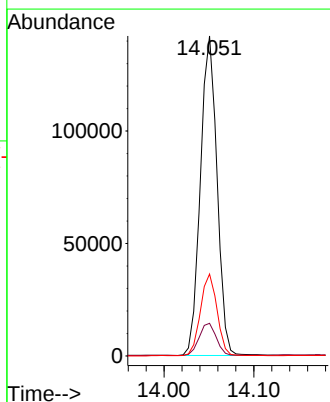
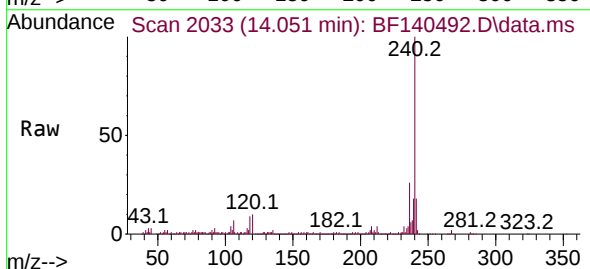
Manual Integrations
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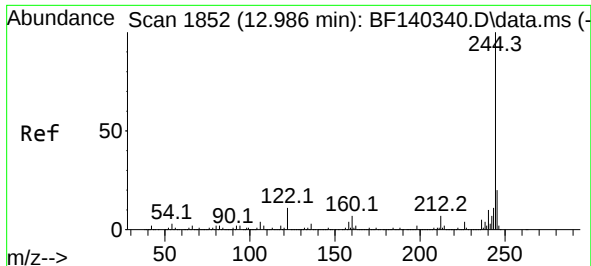
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140492.D
Acq: 20 Nov 2024 11:23

Tgt Ion:240 Resp: 183045
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.6 20.9 31.3





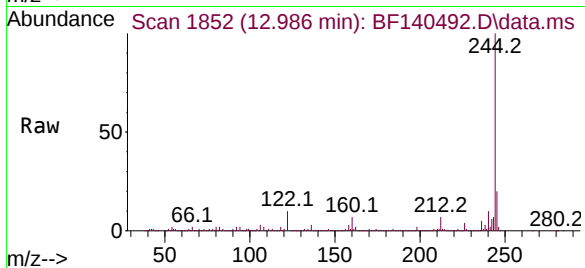
#79
 Terphenyl-d14
 Concen: 93.373 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140492.D
 Acq: 20 Nov 2024 11:23

Instrument :

BNA_F

ClientSampleId :

SW-WTS-01

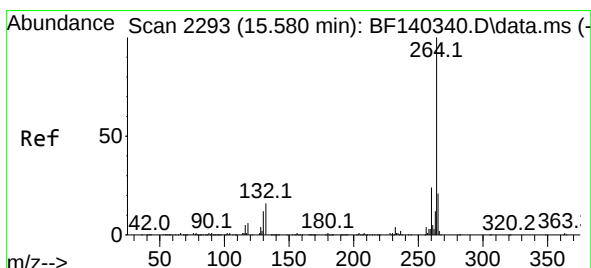
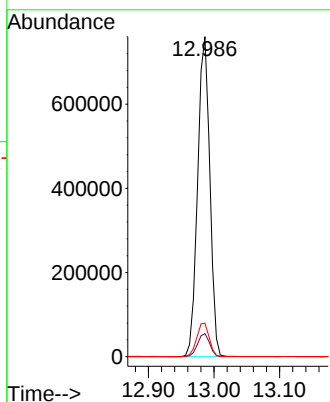
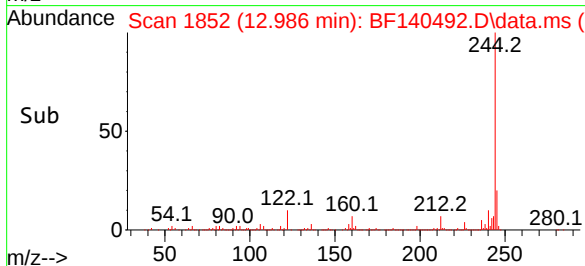


Tgt Ion:244 Resp: 984640
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.4 8.8 13.2

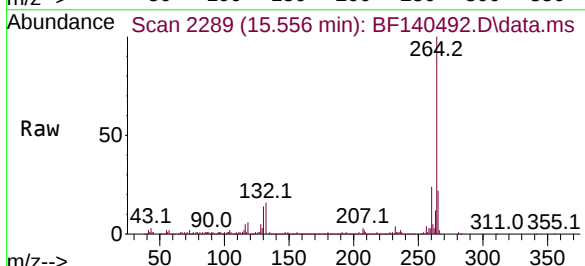
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: BF140492.D
 Acq: 20 Nov 2024 11:23



Tgt Ion:264 Resp: 217669
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.8 17.1 25.7

