

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136754.D
 Acq On : 27 Dec 2023 12:53
 Operator : CG\JU
 Sample : 05791-11RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1B-EE-NNRE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

Quant Time: Dec 27 13:17:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76324	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	281974	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	131821	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	214531	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	146092	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	151821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	340391	69.586	ng	0.00
7) Phenol-d6	6.428	99	274734	43.344	ng	-0.01
23) Nitrobenzene-d5	7.345	82	251904	45.714	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	184295	118.710	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	485754	49.562	ng	-0.02
79) Terphenyl-d14	12.904	244	381303	36.474	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.928	79	63111	14.759	ng	99
32) Benzoic acid	7.798	122	7732m	2.485	ng	

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

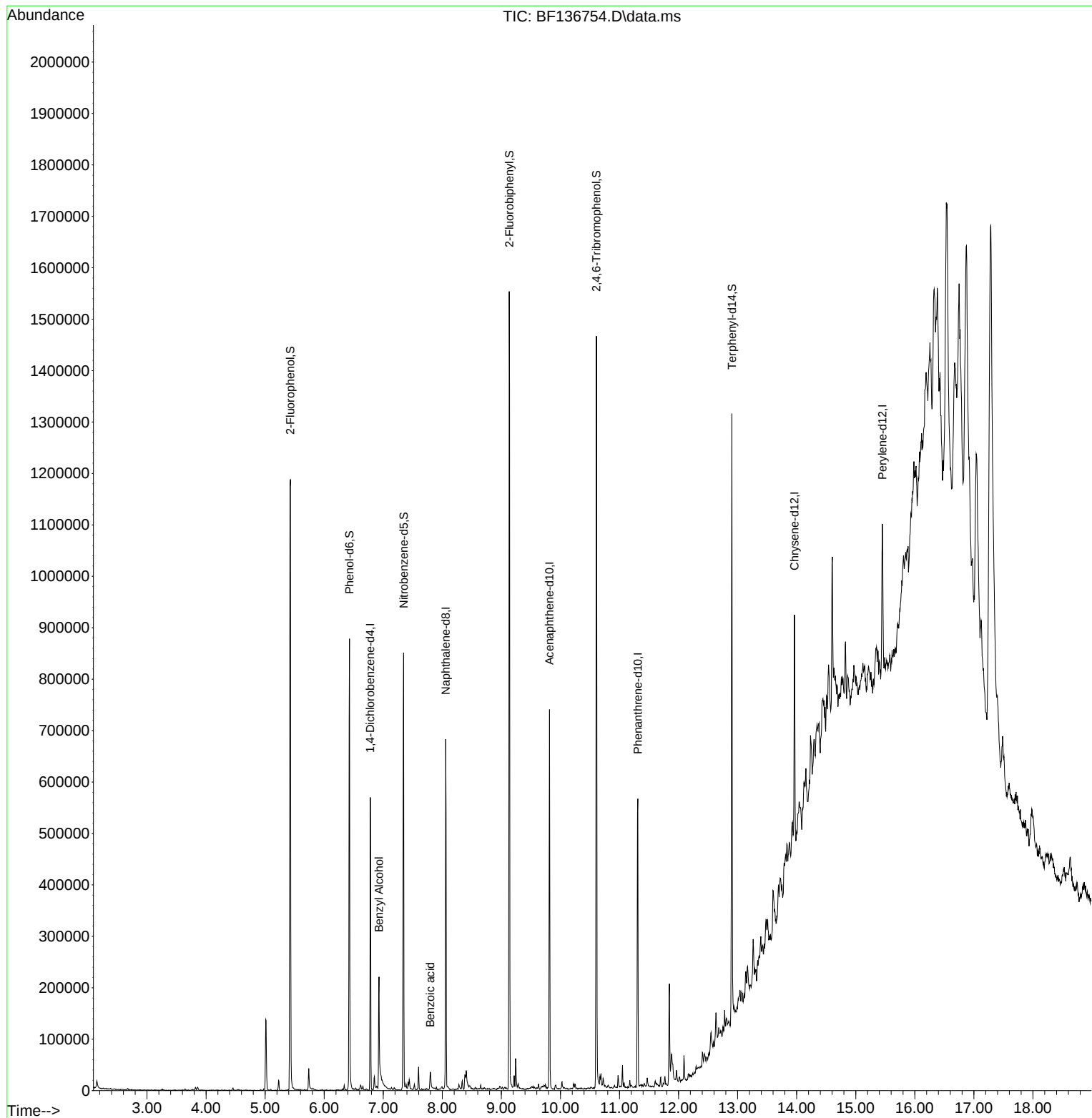
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
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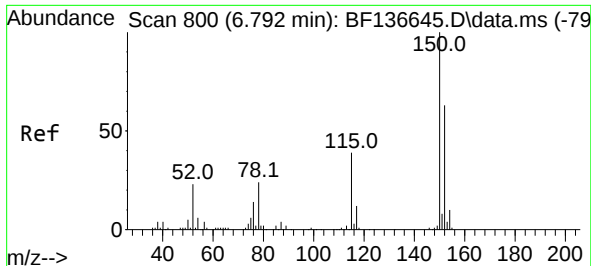
Instrument :
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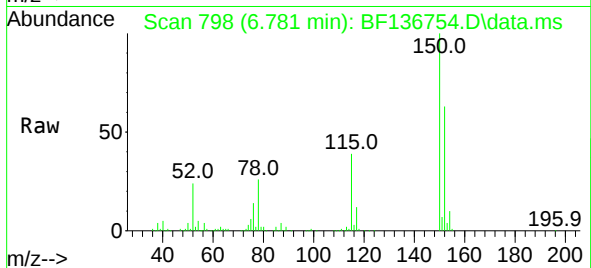
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :

MW-1B-EE-NNRE



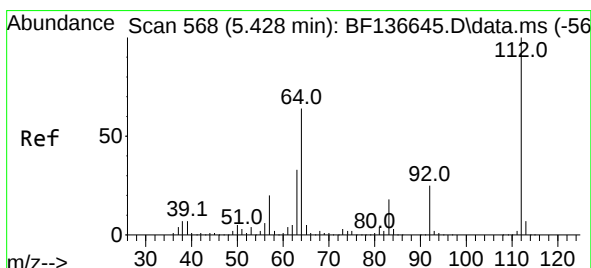
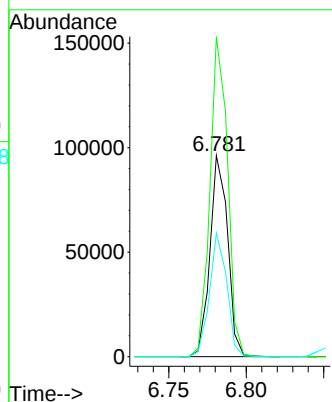
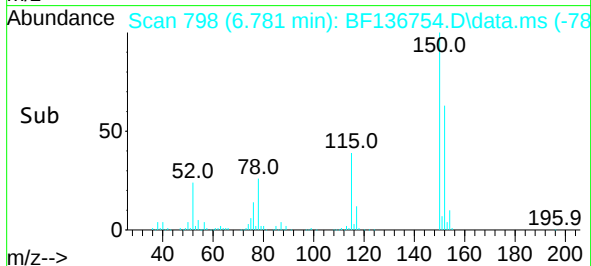
Tgt Ion:152 Resp: 76324
Ion Ratio Lower Upper
152 100
150 159.1 127.0 190.6
115 61.5 49.0 73.4

Manual Integrations

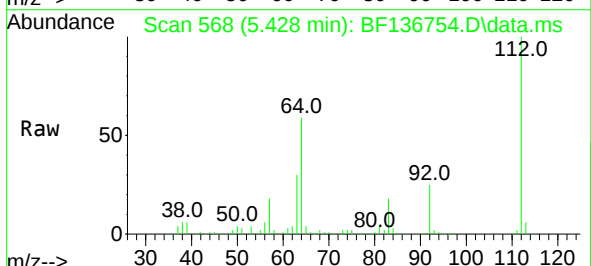
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Reviewed By :Yogesh Patel 12/28/2023

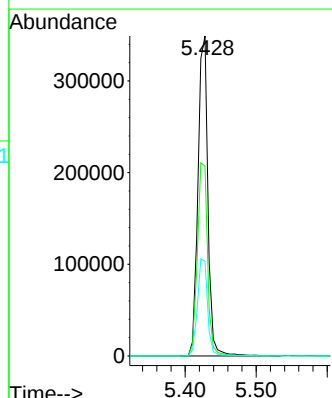
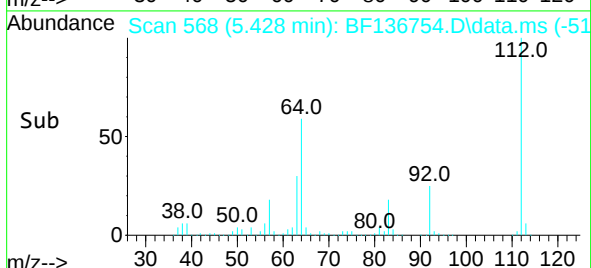
Supervised By :mohammad ahmed 12/28/2023

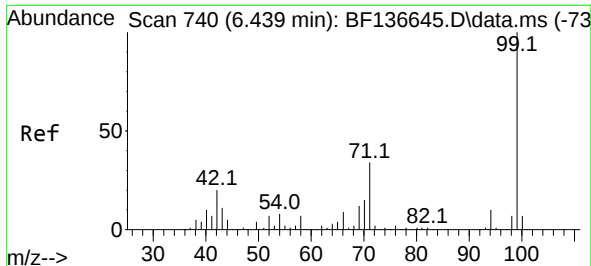


#5
2-Fluorophenol
Concen: 69.586 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53



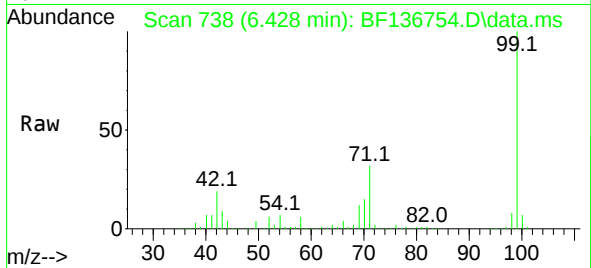
Tgt Ion:112 Resp: 340391
Ion Ratio Lower Upper
112 100
64 59.2 51.1 76.7
63 29.6 26.1 39.1





#7
Phenol-d6
Concen: 43.344 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

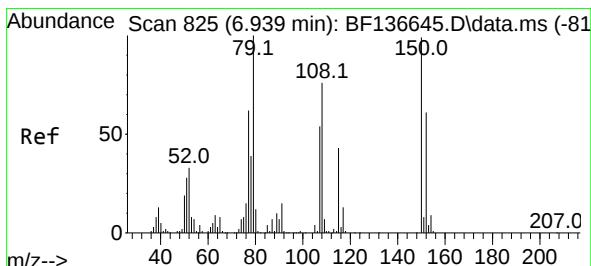
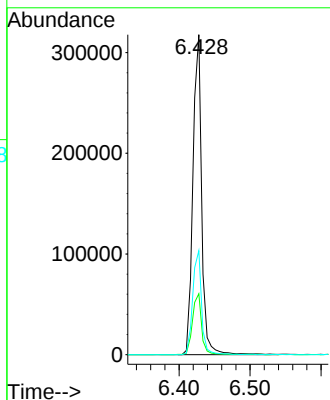
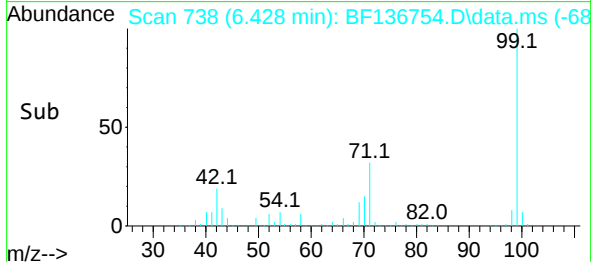
Instrument :
BNA_F
ClientSampleId :
MW-1B-EE-NNRE



Tgt Ion: 99 Resp: 274734
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 32.5 27.4 41.2

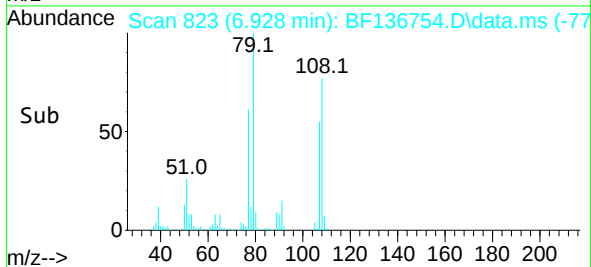
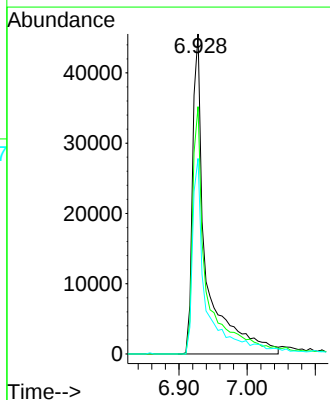
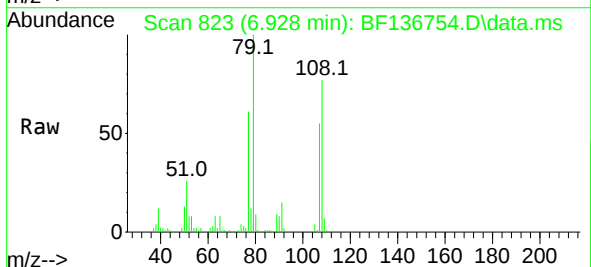
Manual Integrations
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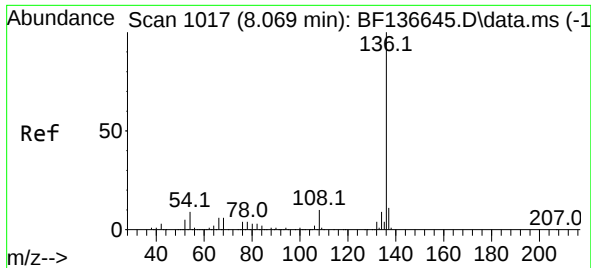
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#15
Benzyl Alcohol
Concen: 14.759 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Tgt Ion: 79 Resp: 63111
Ion Ratio Lower Upper
79 100
108 77.3 61.0 91.6
77 61.1 49.8 74.8





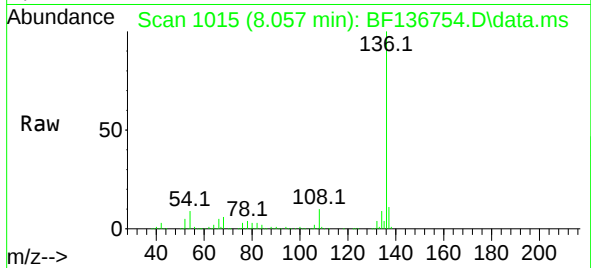
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :

MW-1B-EE-NNRE

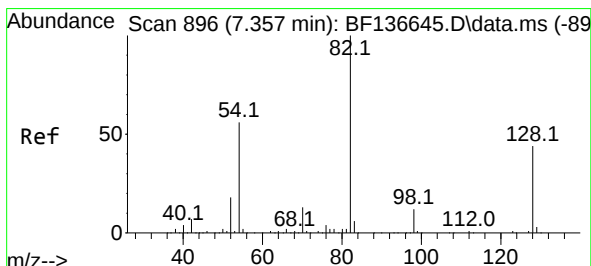
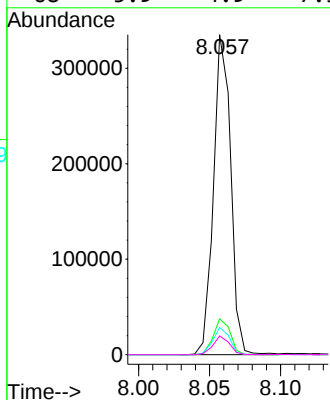
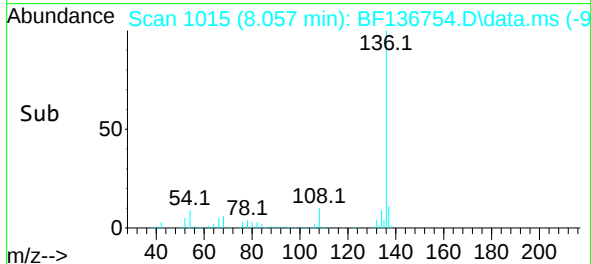


Tgt Ion:136 Resp: 281974
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.5 7.2 10.8
68 5.9 4.9 7.3

Manual Integrations

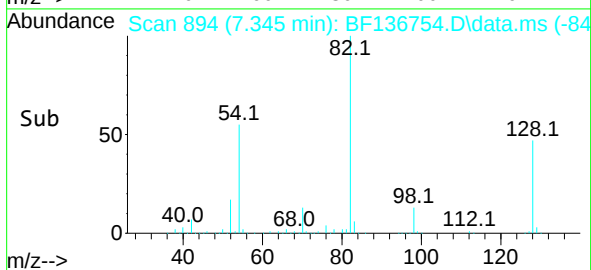
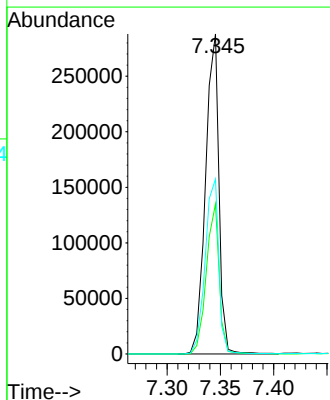
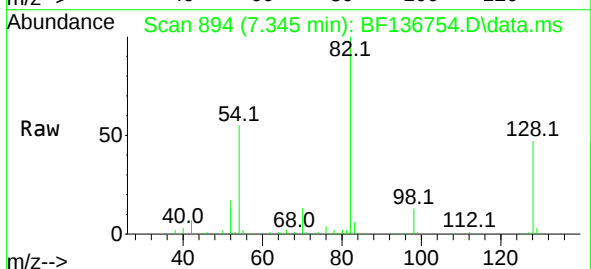
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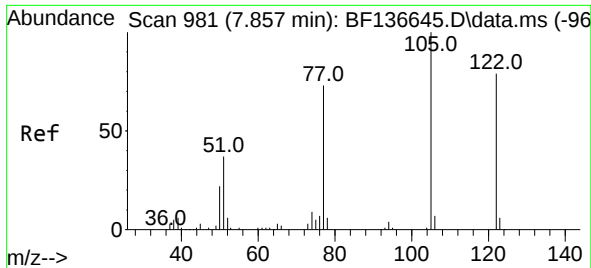
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#23
Nitrobenzene-d5
Concen: 45.714 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

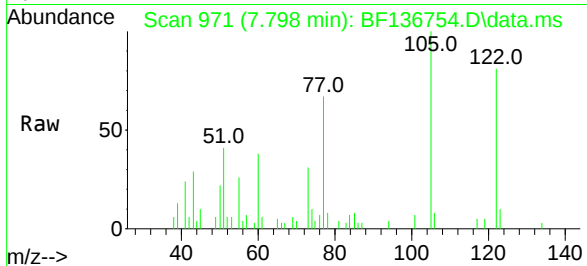
Tgt Ion: 82 Resp: 251904
Ion Ratio Lower Upper
82 100
128 46.9 35.3 52.9
54 54.7 44.5 66.7





#32
Benzoic acid
Concen: 2.485 ng m
RT: 7.798 min Scan# 91
Delta R.T. -0.059 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

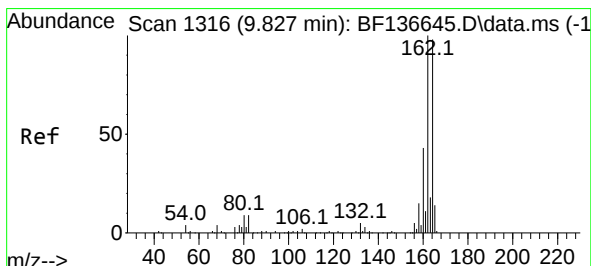
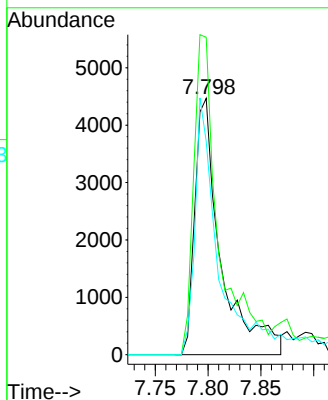
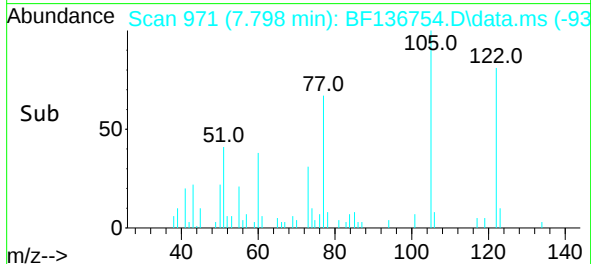
Instrument :
BNA_F
ClientSampleId :
MW-1B-EE-NNRE



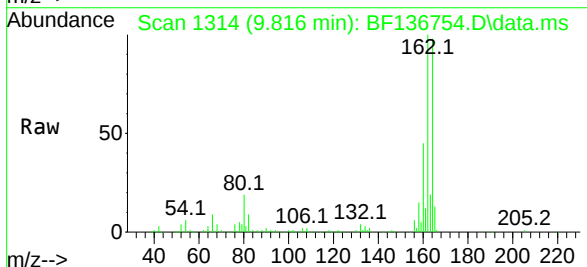
Tgt Ion:122 Resp: 773
Ion Ratio Lower Upper
122 100
105 123.9 100.8 140.8
77 83.3 70.9 110.9

Manual Integrations
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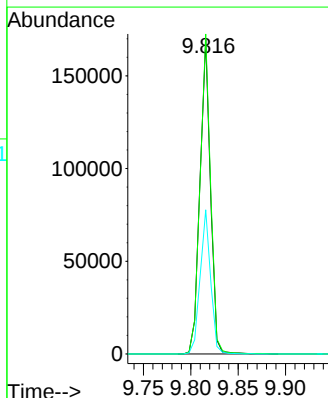
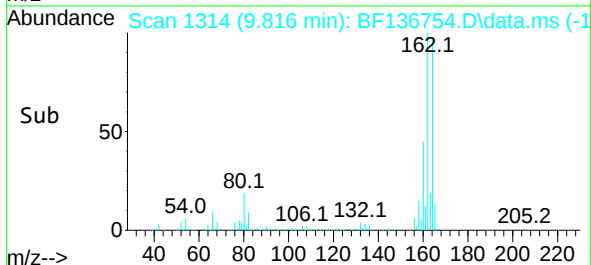
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

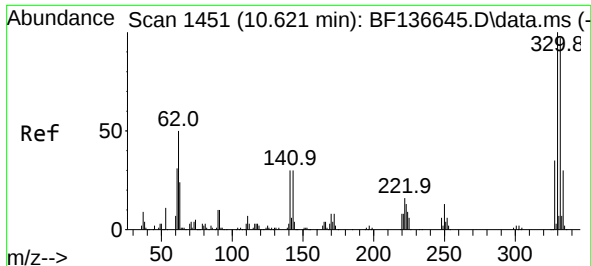


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53



Tgt Ion:164 Resp: 131821
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 45.9 34.9 52.3





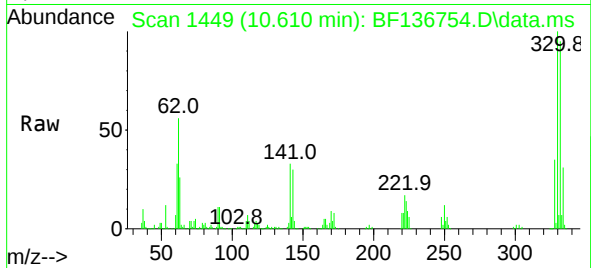
#42
2,4,6-Tribromophenol
Concen: 118.710 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :

MW-1B-EE-NNRE



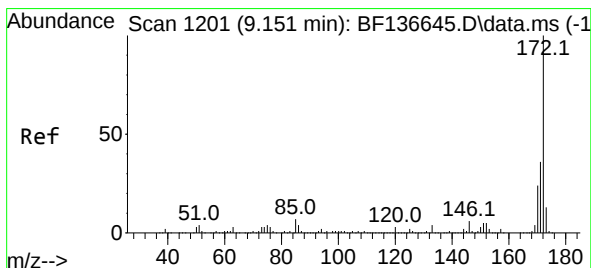
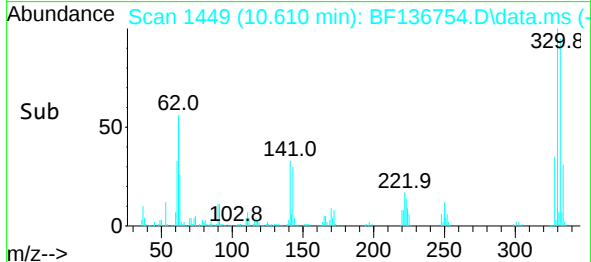
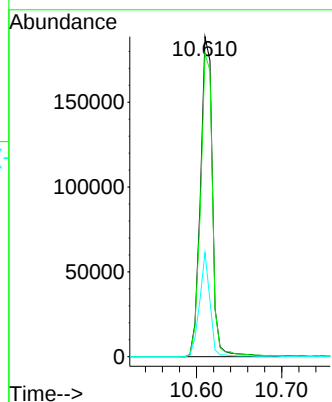
Tgt Ion:330 Resp: 184295
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 28.6 23.4 35.2

Manual Integrations

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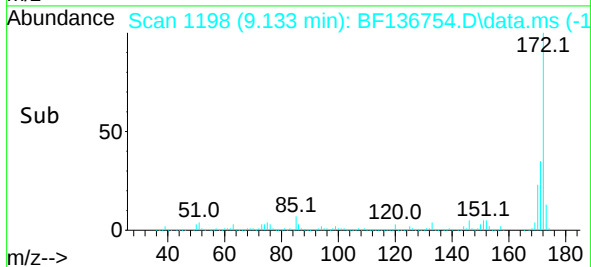
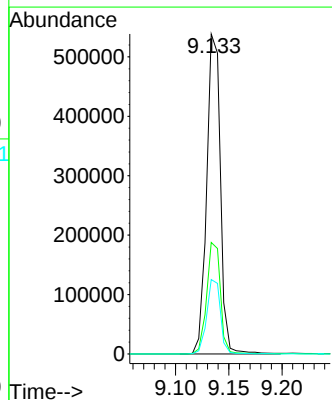
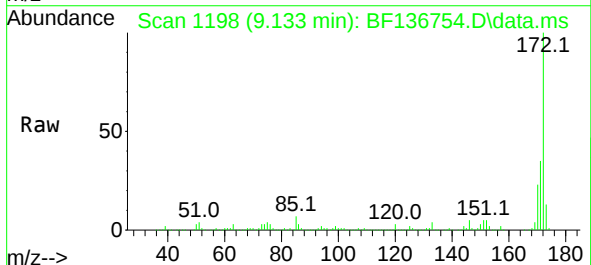
Reviewed By :Yogesh Patel 12/28/2023

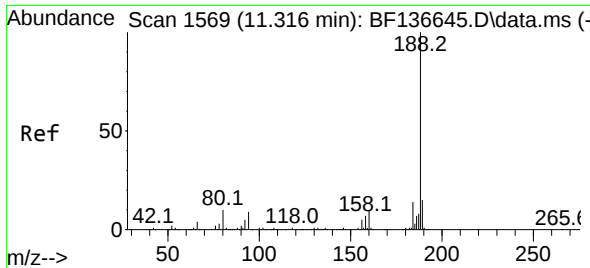
Supervised By :mohammad ahmed 12/28/2023



#45
2-Fluorobiphenyl
Concen: 49.562 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Tgt Ion:172 Resp: 485754
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 23.2 19.0 28.4





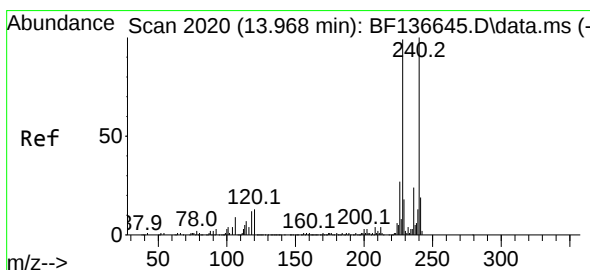
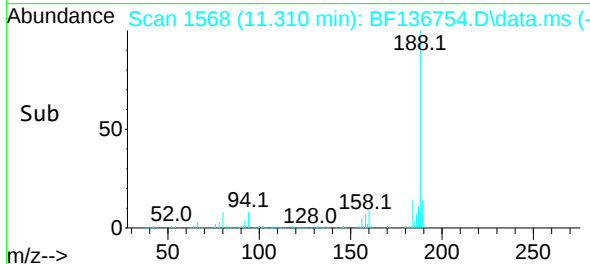
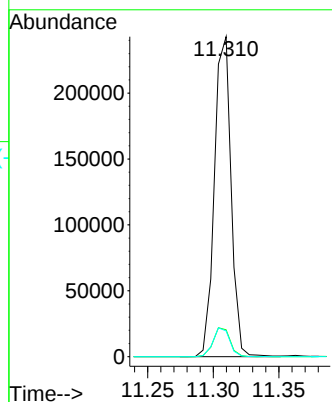
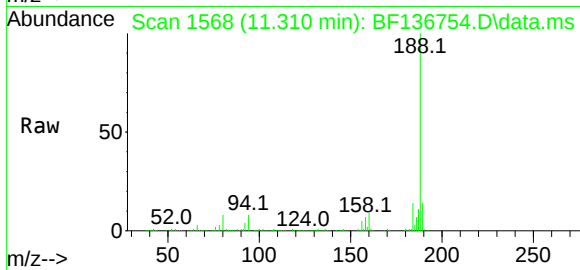
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Instrument :
BNA_F
ClientSampleId :
MW-1B-EE-NNRE

Tgt Ion:188 Resp: 21453
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 8.0 8.1 12.1

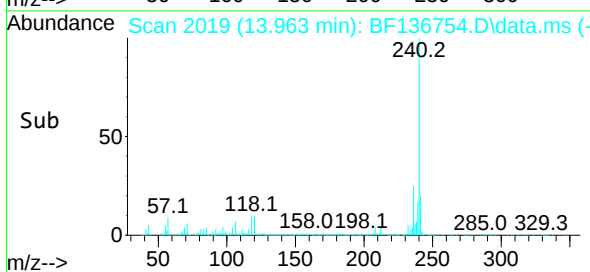
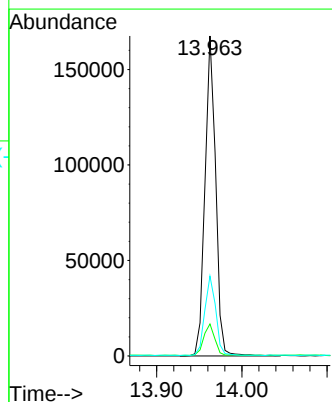
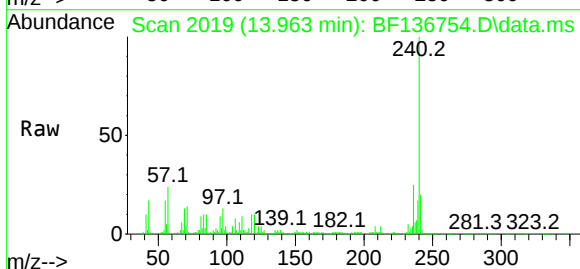
Manual Integrations
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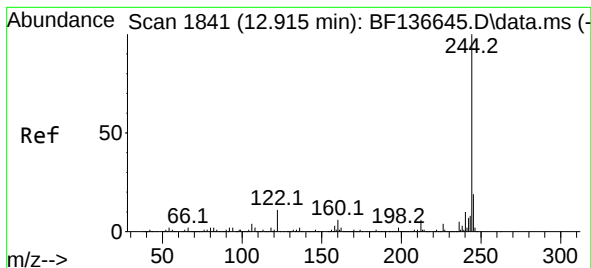
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Tgt Ion:240 Resp: 146092
Ion Ratio Lower Upper
240 100
120 10.0 10.3 15.5#
236 25.0 19.4 29.2





#79

Terphenyl-d14

Concen: 36.474 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :

MW-1B-EE-NNRE

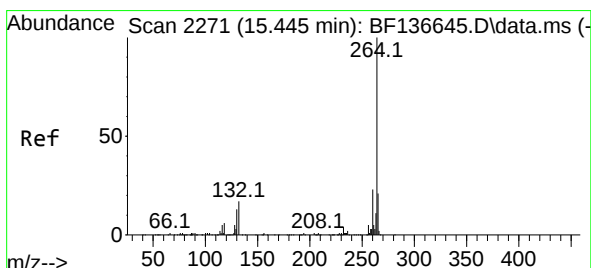
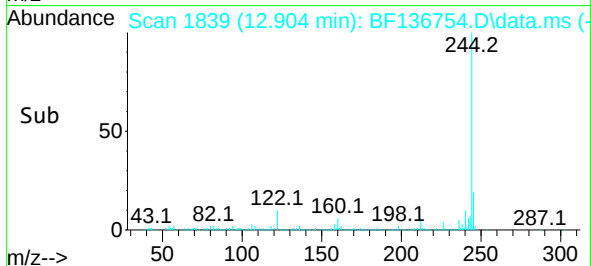
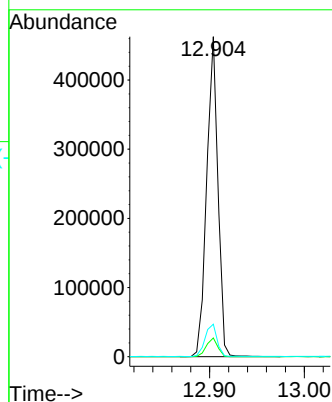
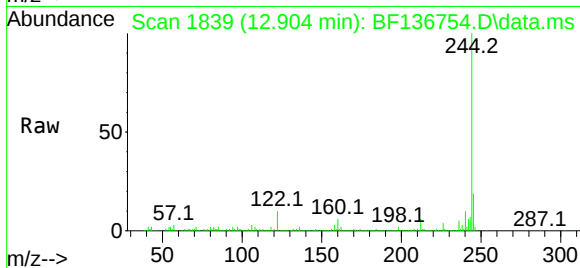
Tgt Ion:244 Resp: 38130
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 10.2 9.0 13.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

Tgt Ion:264 Resp: 151821
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 22.0 17.0 25.6

