

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140678.D
 Acq On : 27 Nov 2024 18:50
 Operator : RC/JU
 Sample : P5005-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 28 00:12:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	83621	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	313052	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	159642	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	255191	20.000	ng	0.00
76) Chrysene-d12	14.045	240	158828	20.000	ng	0.00
86) Perylene-d12	15.539	264	124917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	516116	105.309	ng	0.00
7) Phenol-d6	6.510	99	692847	106.934	ng	0.00
23) Nitrobenzene-d5	7.434	82	438785	71.694	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	166839	97.716	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	800817	74.740	ng	0.00
79) Terphenyl-d14	12.980	244	699432	68.571	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	83239	40.395	ng	99
3) Pyridine	3.451	79	179942	39.689	ng	99
4) n-Nitrosodimethylamine	3.404	42	113812	42.712	ng	95
6) Aniline	6.534	93	175342	38.449	ng	# 69
8) 2-Chlorophenol	6.663	128	247635	46.965	ng	95
9) Benzaldehyde	6.422	77	96400	28.105	ng	98
10) Phenol	6.528	94	314146	47.476	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	227225	44.876	ng	99
12) 1,3-Dichlorobenzene	6.810	146	257307	43.430	ng	98
13) 1,4-Dichlorobenzene	6.887	146	259586	43.272	ng	100
14) 1,2-Dichlorobenzene	7.039	146	249790	44.437	ng	99
15) Benzyl Alcohol	7.016	79	224750	46.775	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	275967	46.134	ng	84
17) 2-Methylphenol	7.134	107	193064	45.742	ng	96
18) Hexachloroethane	7.381	117	94082	41.991	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	172952	45.167	ng	98
20) 3+4-Methylphenols	7.287	107	249567	46.002	ng	# 91
22) Acetophenone	7.281	105	336783	44.127	ng	97
24) Nitrobenzene	7.457	77	268976	42.523	ng	98
25) Isophorone	7.692	82	461738	45.233	ng	99
26) 2-Nitrophenol	7.769	139	128931	45.995	ng	98
27) 2,4-Dimethylphenol	7.810	122	193575m	57.716	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	286004	45.990	ng	99
29) 2,4-Dichlorophenol	8.016	162	202465	45.557	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	216811	42.728	ng	99
31) Naphthalene	8.175	128	706915	43.840	ng	99
32) Benzoic acid	7.945	122	118113	41.597	ng	95
33) 4-Chloroaniline	8.228	127	73232	15.169	ng	97
34) Hexachlorobutadiene	8.286	225	141873	42.212	ng	99
35) Caprolactam	8.598	113	61921m	45.022	ng	
36) 4-Chloro-3-methylphenol	8.716	107	217063	43.623	ng	99
37) 2-Methylnaphthalene	8.863	142	458421	44.759	ng	100
38) 1-Methylnaphthalene	8.963	142	422914	42.127	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	222203	47.545	ng	100
41) Hexachlorocyclopentadiene	9.016	237	97253	91.431	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	139734	47.649	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	141874	44.577	ng	97
46) 1,1'-Biphenyl	9.328	154	561491	47.109	ng	99
47) 2-Chloronaphthalene	9.357	162	409644	45.358	ng	98
48) 2-Nitroaniline	9.457	65	132277	45.631	ng	96
49) Acenaphthylene	9.769	152	652875	47.845	ng	99
50) Dimethylphthalate	9.628	163	501271	47.677	ng	99
51) 2,6-Dinitrotoluene	9.698	165	103179	43.271	ng	94
52) Acenaphthene	9.945	154	392478m	45.267	ng	
53) 3-Nitroaniline	9.869	138	72162	30.942	ng	95
54) 2,4-Dinitrophenol	9.980	184	75570	63.032	ng	95
55) Dibenzofuran	10.116	168	589559	44.579	ng	100
56) 4-Nitrophenol	10.045	139	126559	79.571	ng	95
57) 2,4-Dinitrotoluene	10.104	165	135538	42.769	ng	97
58) Fluorene	10.457	166	451074	42.492	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	111103	45.422	ng	94
60) Diethylphthalate	10.328	149	487451	45.631	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	225357	43.258	ng	99
62) 4-Nitroaniline	10.480	138	89628	36.643	ng	95
63) Azobenzene	10.610	77	509524	50.367	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	52864	40.539	ng	97
66) n-Nitrosodiphenylamine	10.569	169	385012	51.018	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	128030	48.716	ng	98
68) Hexachlorobenzene	11.010	284	139613	45.879	ng	100
69) Atrazine	11.092	200	121776	57.360	ng	100
70) Pentachlorophenol	11.210	266	122981	91.823	ng	100
71) Phenanthrene	11.422	178	590720	48.156	ng	100
72) Anthracene	11.475	178	589395	49.119	ng	99
73) Carbazole	11.633	167	525152	45.494	ng	100
74) Di-n-butylphthalate	11.951	149	658069	49.380	ng	99
75) Fluoranthene	12.616	202	668736	50.211	ng	100
77) Benzidine	12.739	184	122379	26.501	ng	99
78) Pyrene	12.845	202	668279	45.506	ng	99
80) Butylbenzylphthalate	13.457	149	259631	49.076	ng	100
81) Benzo(a)anthracene	14.039	228	523597	49.801	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	124133	39.324	ng	98
83) Chrysene	14.074	228	450188	46.828	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	349154	52.267	ng	100
85) Di-n-octyl phthalate	14.633	149	507840	55.627	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	363109	44.604	ng	99
88) Benzo(b)fluoranthene	15.104	252	375811	47.897	ng	99
89) Benzo(k)fluoranthene	15.133	252	355927	51.838	ng	99
90) Benzo(a)pyrene	15.474	252	330722	51.841	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	298157	44.722	ng	100
92) Benzo(g,h,i)perylene	17.504	276	274518	40.351	ng	99

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



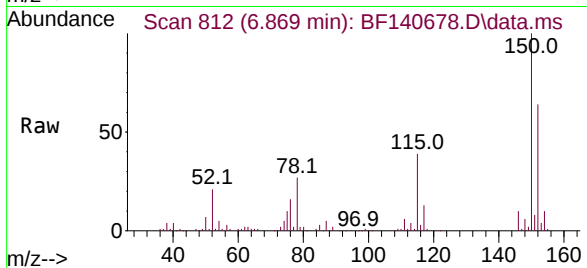
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140678.D
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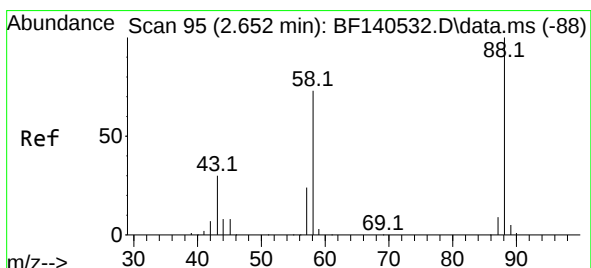
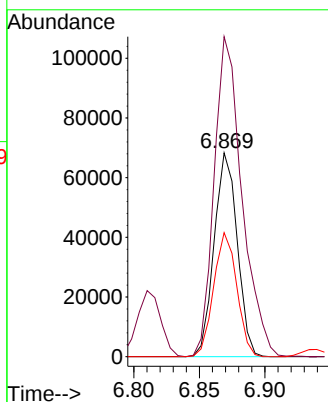
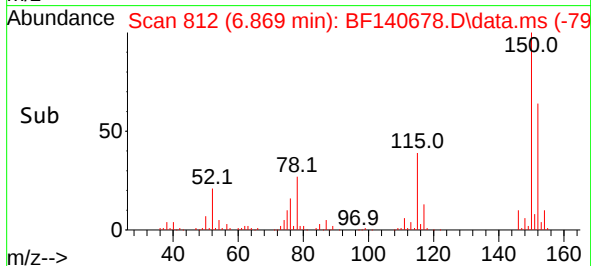


Tgt Ion:152 Resp: 8362
Ion Ratio Lower Upper
152 100
150 157.0 128.5 192.7
115 60.8 50.2 75.4

Manual Integrations

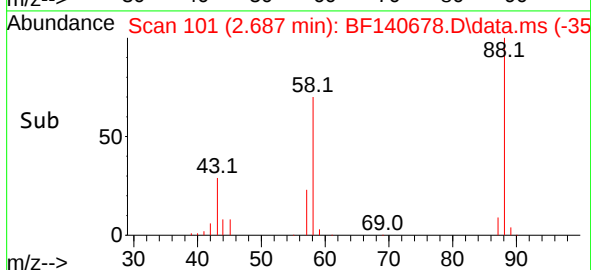
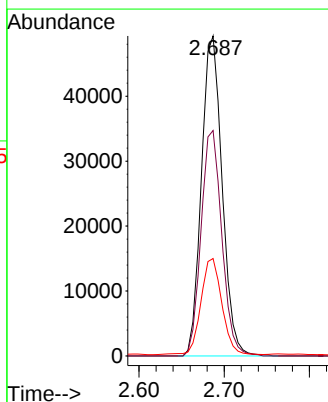
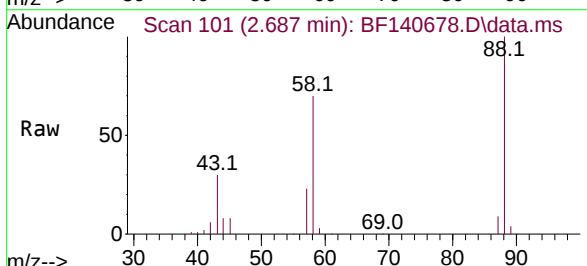
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#2
1,4-Dioxane
Concen: 40.395 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.035 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion: 88 Resp: 83239
Ion Ratio Lower Upper
88 100
58 70.6 57.4 86.2
43 30.5 24.3 36.5





#3

Pyridine

Concen: 39.689 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion: 79 Resp: 17994

Ion Ratio Lower Upper

79 100

52 66.7 52.1 78.1

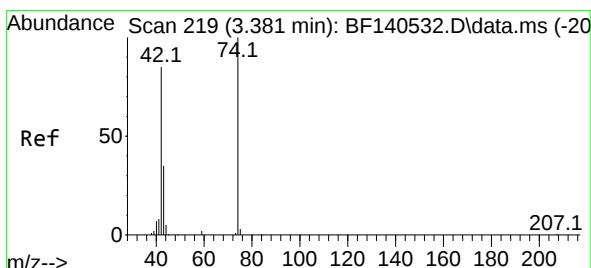
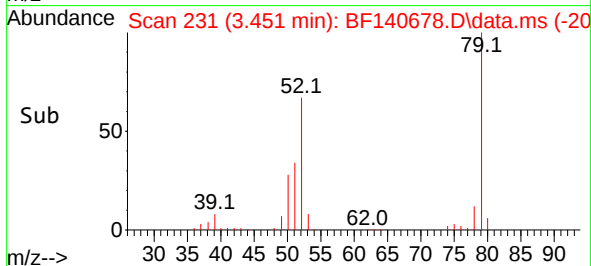
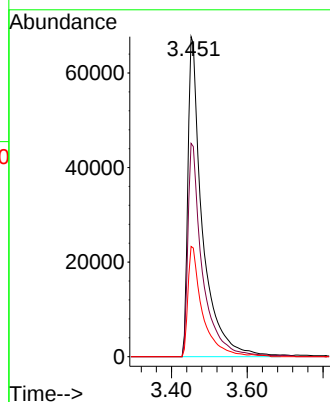
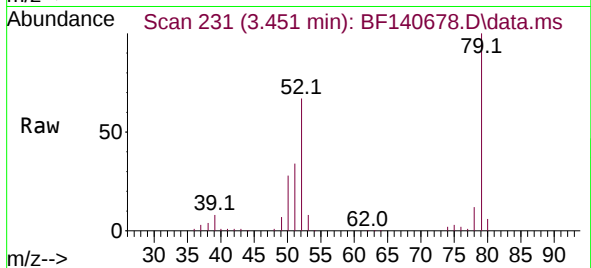
51 34.5 27.8 41.8

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Supervised By :mohammad ahmed 11/29/2024



#4

n-Nitrosodimethylamine

Concen: 42.712 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.024 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

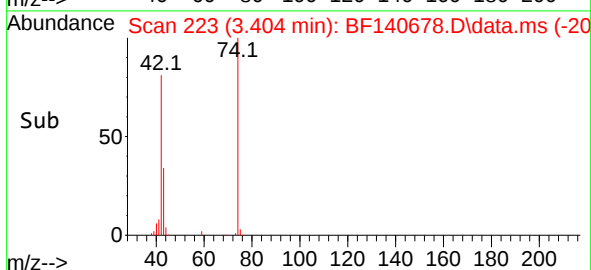
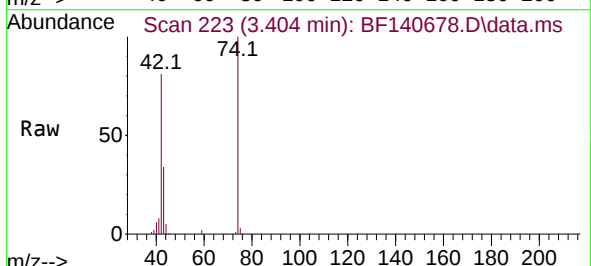
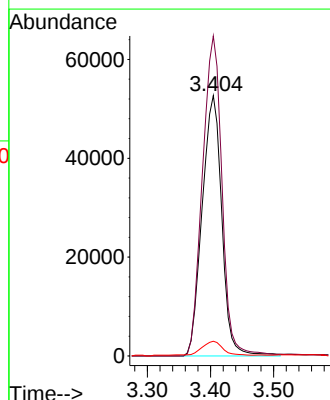
Tgt Ion: 42 Resp: 113812

Ion Ratio Lower Upper

42 100

74 122.9 93.8 140.6

44 5.7 4.6 6.8





#5
2-Fluorophenol
Concen: 105.309 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

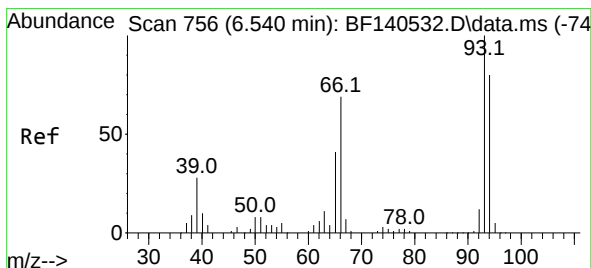
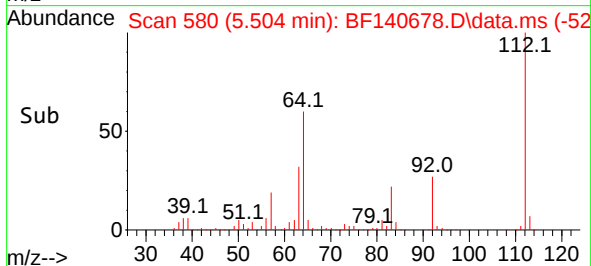
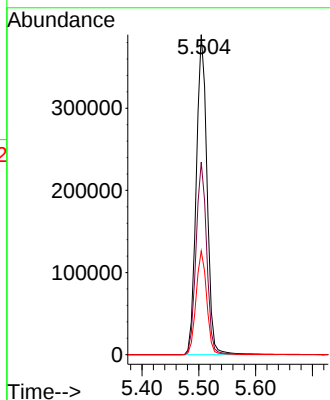
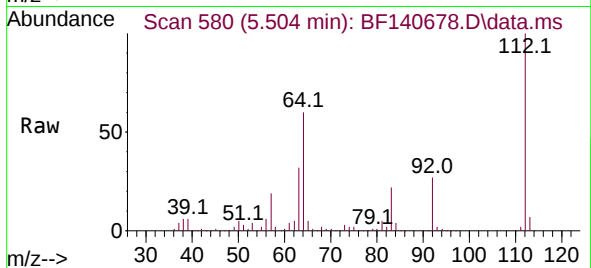
Tgt Ion:112 Resp: 516110
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 32.4 27.0 40.4

Manual Integrations

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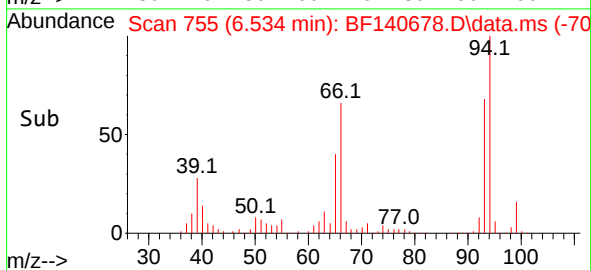
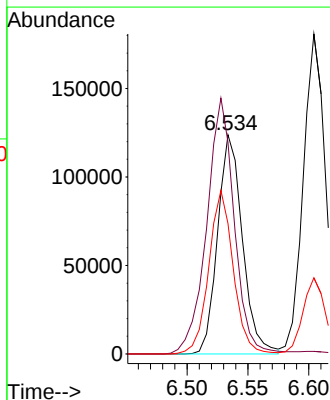
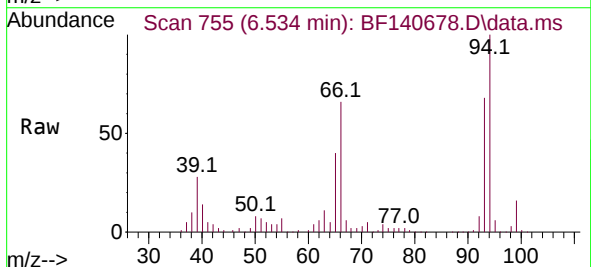
Reviewed By :Yogesh Patel 11/29/2024

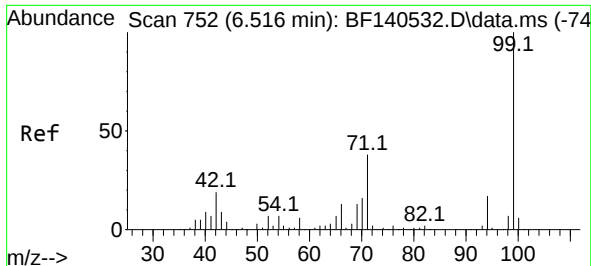
Supervised By :mohammad ahmed 11/29/2024



#6
Aniline
Concen: 38.449 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion: 93 Resp: 175342
Ion Ratio Lower Upper
93 100
66 96.6 56.5 84.7#
65 59.6 32.9 49.3#





#7

Phenol-d6

Concen: 106.934 ng

RT: 6.510 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Instrument :

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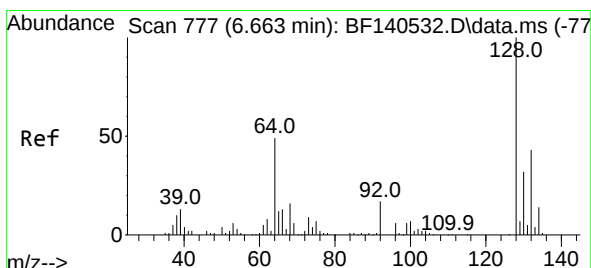
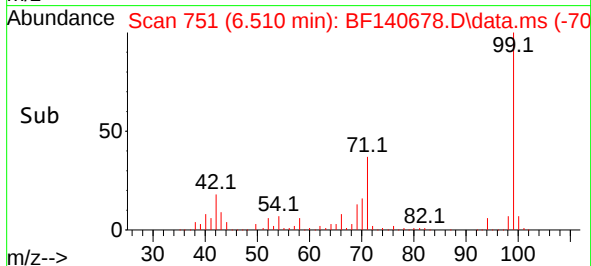
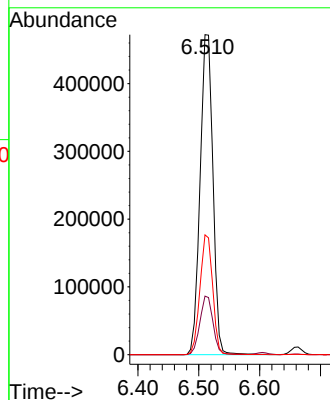
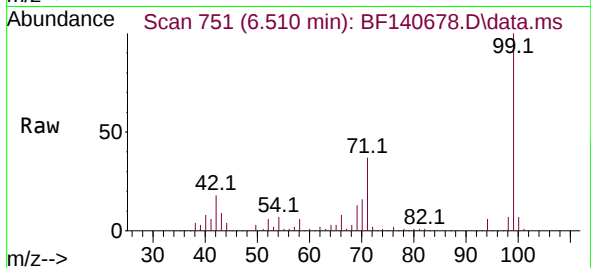
Tgt Ion: 99	Resp: 69284
Ion Ratio	Lower Upper
99 100	
42 18.3	15.4 23.0
71 37.5	30.6 46.0

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#8

2-Chlorophenol

Concen: 46.965 ng

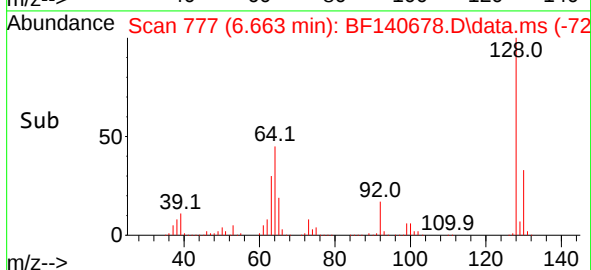
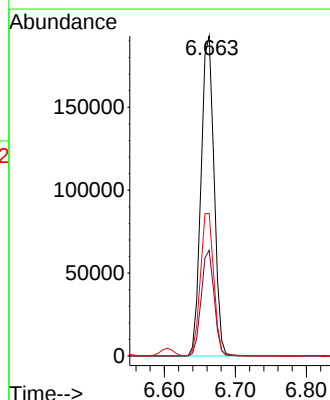
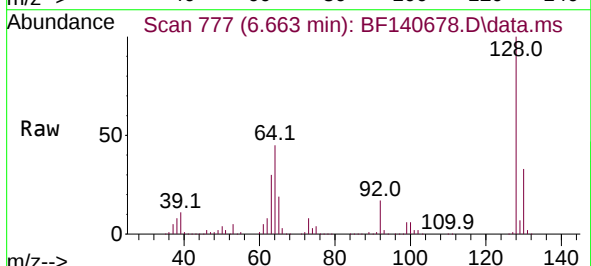
RT: 6.663 min Scan# 777

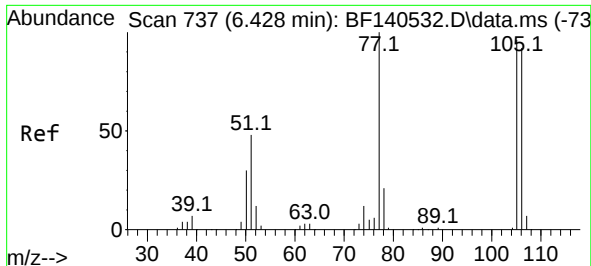
Delta R.T. 0.000 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Tgt Ion:128	Resp: 247635
Ion Ratio	Lower Upper
128 100	
130 33.0	12.3 52.3
64 44.6	30.2 70.2





#9

Benzaldehyde

Concen: 28.105 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

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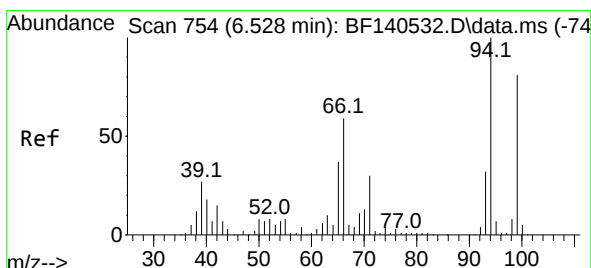
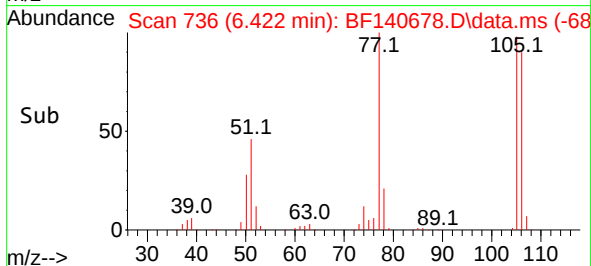
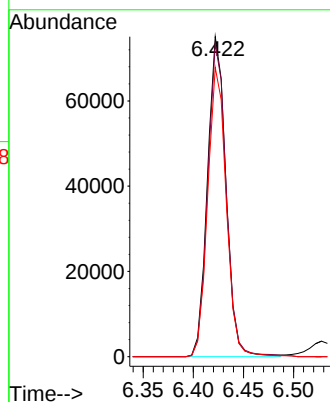
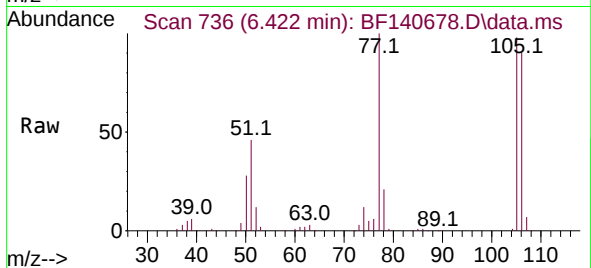
Tgt Ion:	77	Resp:	96400
Ion	Ratio	Lower	Upper
77	100		
105	97.7	75.6	115.6
106	90.4	72.0	112.0

Manual Integrations

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Supervised By :mohammad ahmed 11/29/2024



#10

Phenol

Concen: 47.476 ng

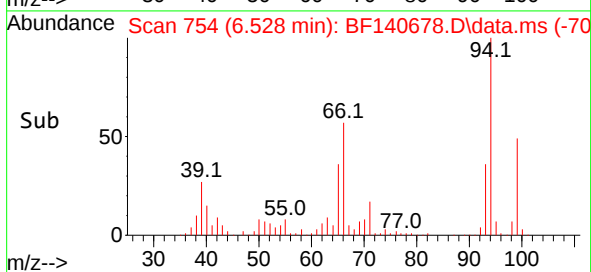
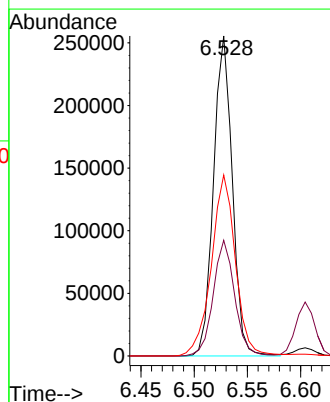
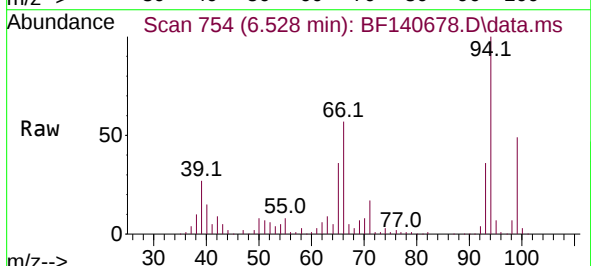
RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Tgt Ion:	94	Resp:	314146
Ion	Ratio	Lower	Upper
94	100		
65	36.1	17.2	57.2
66	56.5	39.2	79.2





#11

bis(2-Chloroethyl)ether

Concen: 44.876 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Instrument :

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Tgt Ion: 93 Resp: 227225

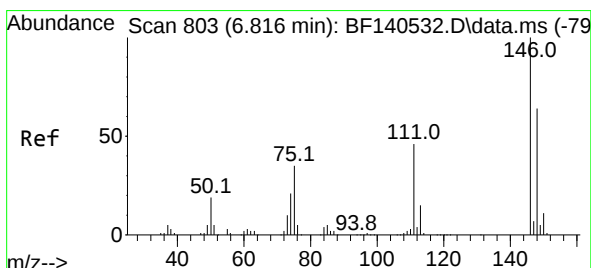
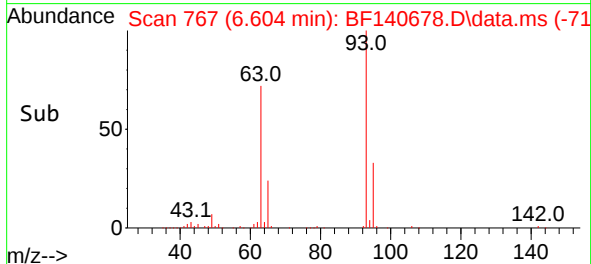
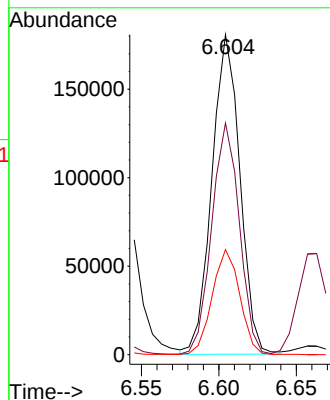
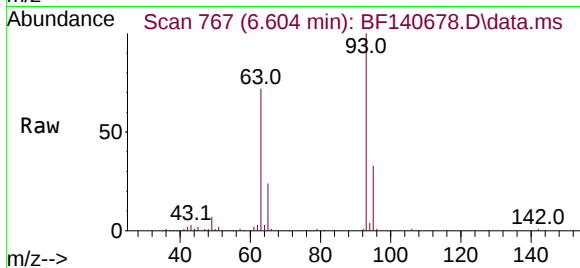
Ion	Ratio	Lower	Upper
93	100		
63	72.4	52.8	92.8
95	32.9	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#12

1,3-Dichlorobenzene

Concen: 43.430 ng

RT: 6.810 min Scan# 802

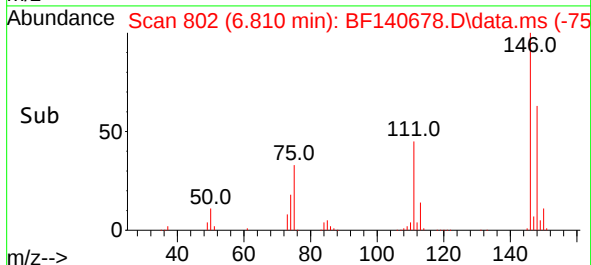
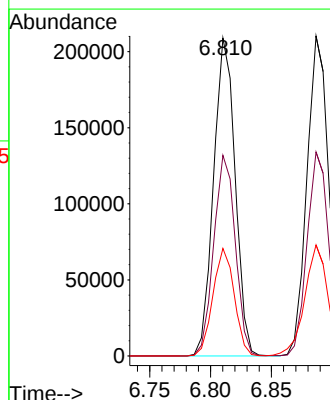
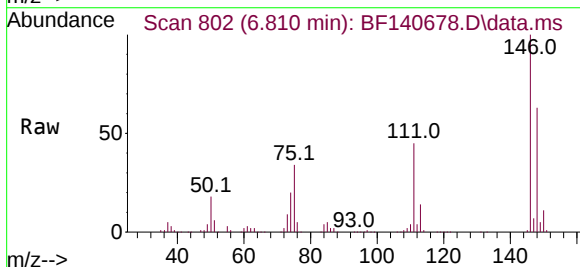
Delta R.T. -0.006 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Tgt Ion:146 Resp: 257307

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
75	33.9	28.2	42.2





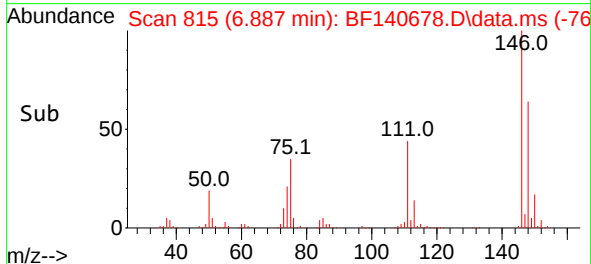
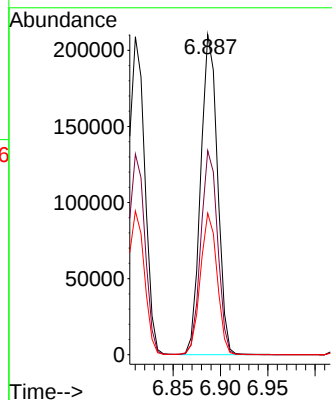
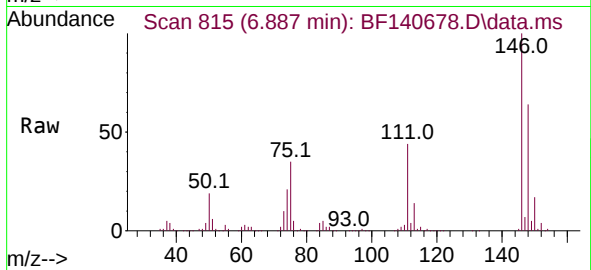
#13
1,4-Dichlorobenzene
Concen: 43.272 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion:146 Resp: 259580
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.2 35.3 52.9

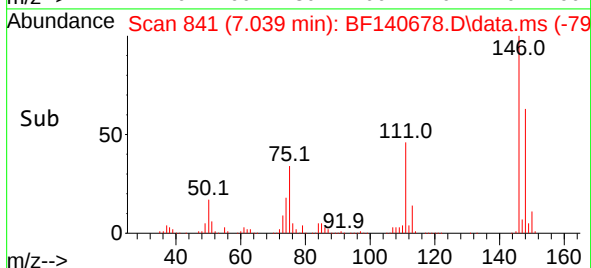
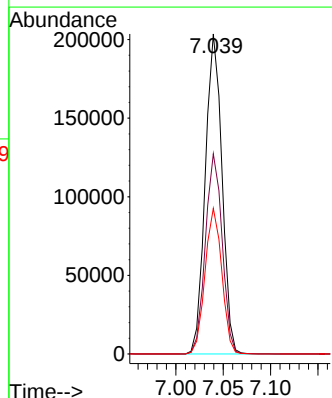
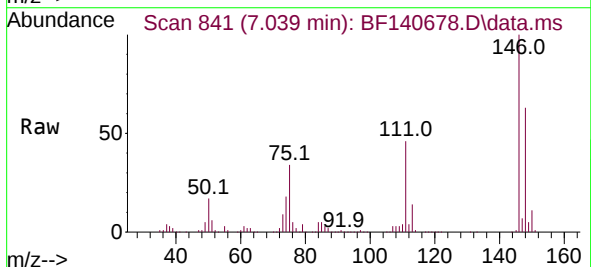
Manual Integrations
APPROVED

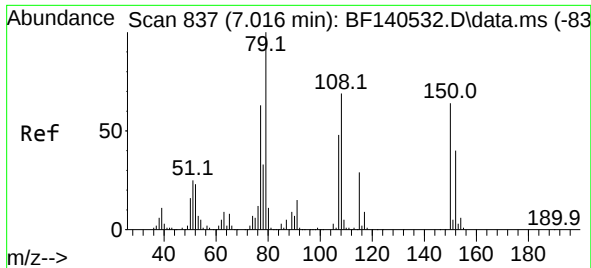
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#14
1,2-Dichlorobenzene
Concen: 44.437 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

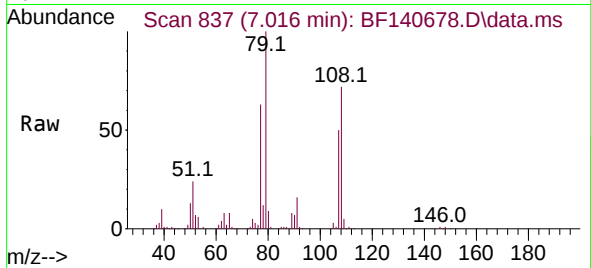
Tgt Ion:146 Resp: 249790
Ion Ratio Lower Upper
146 100
148 62.5 50.5 75.7
111 45.5 36.7 55.1





#15
Benzyl Alcohol
Concen: 46.775 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

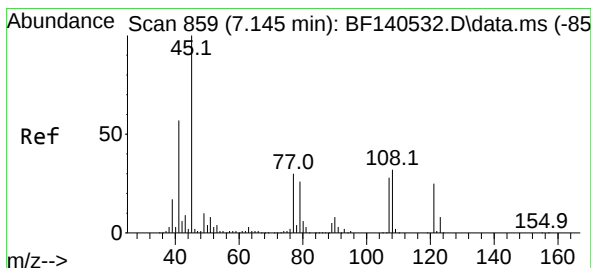
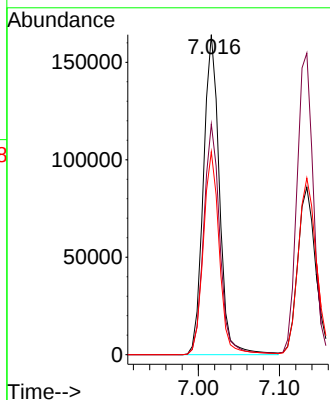
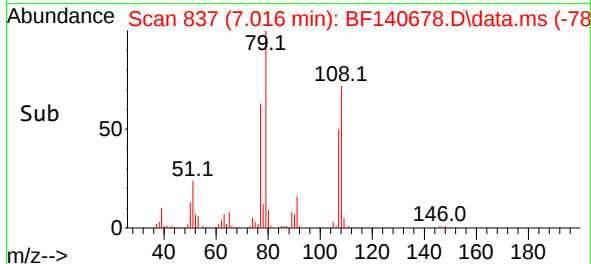
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



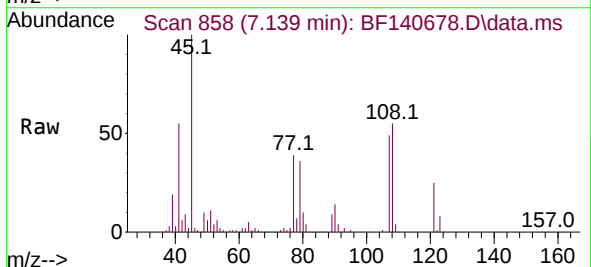
Tgt Ion: 79 Resp: 224750
Ion Ratio Lower Upper
79 100
108 72.1 55.0 82.6
77 63.4 50.1 75.1

Manual Integrations
APPROVED

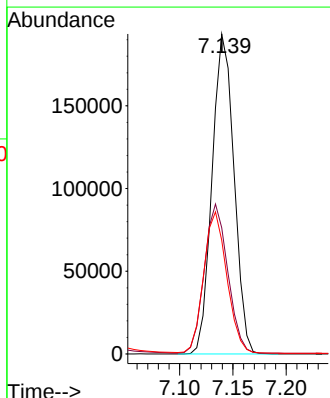
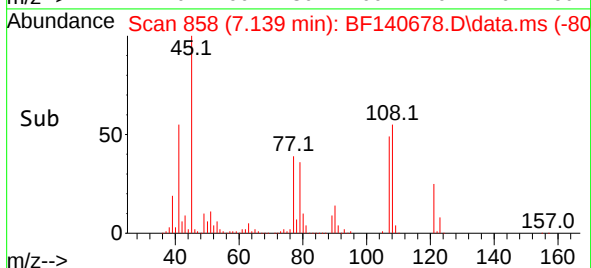
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

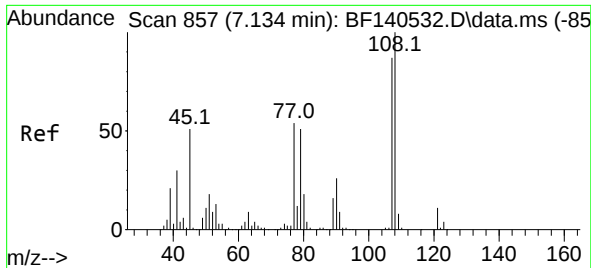


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.134 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



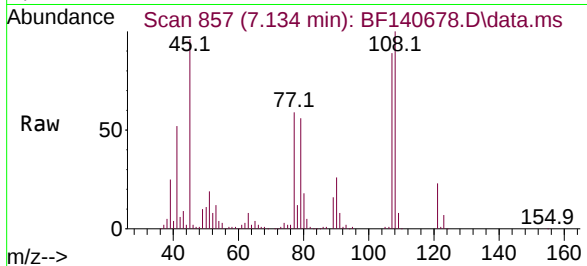
Tgt Ion: 45 Resp: 275967
Ion Ratio Lower Upper
45 100
77 39.5 10.7 50.7
79 35.6 7.0 47.0





#17
2-Methylphenol
Concen: 45.742 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

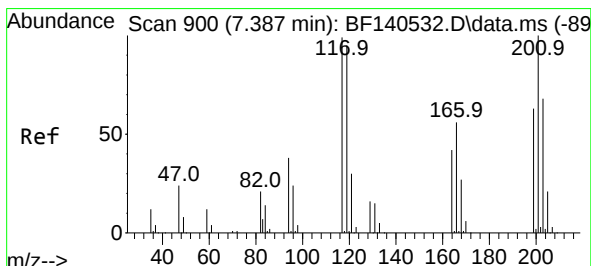
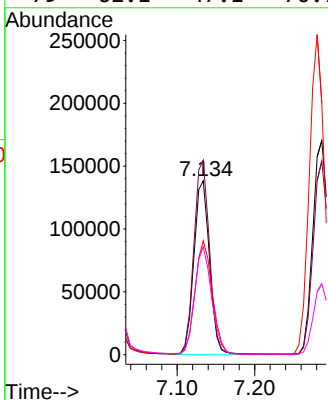
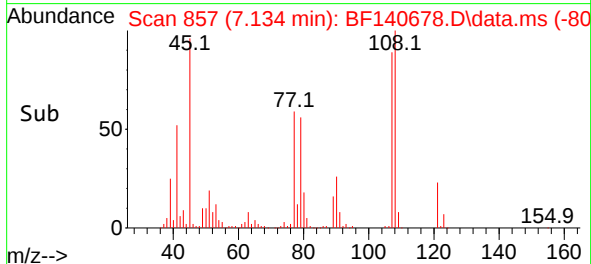
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:107 Resp: 193064
Ion Ratio Lower Upper
107 100
108 111.8 91.7 137.5
77 65.5 49.3 73.9
79 62.1 47.1 70.7

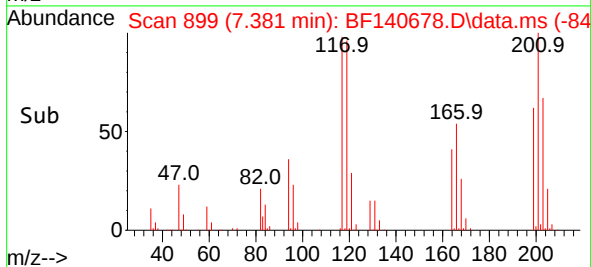
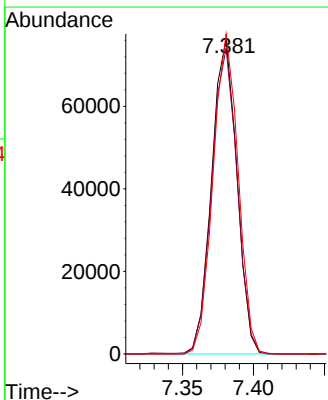
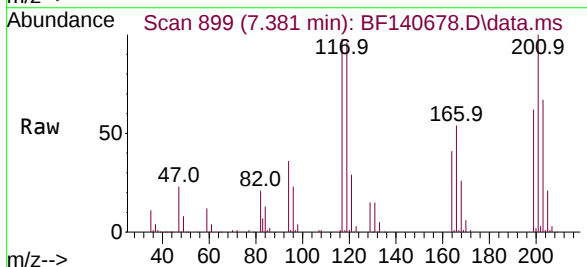
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#18
Hexachloroethane
Concen: 41.991 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:117 Resp: 94082
Ion Ratio Lower Upper
117 100
119 97.1 77.1 115.7
201 101.6 81.1 121.7





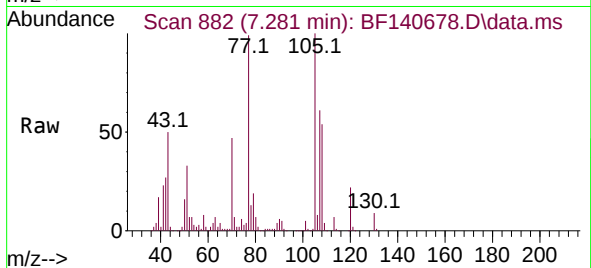
#19
n-Nitroso-di-n-propylamine
Concen: 45.167 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

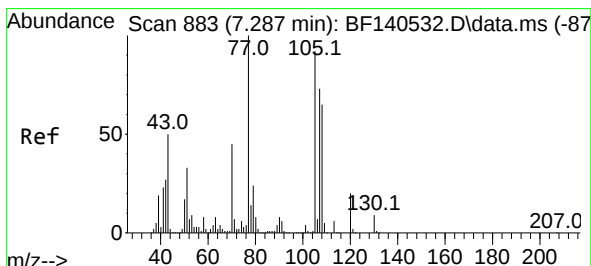
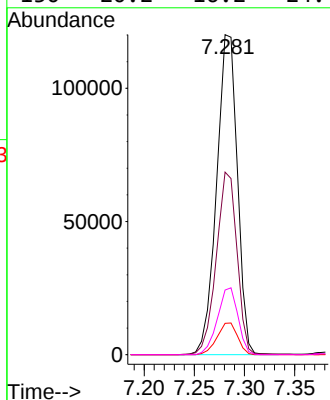
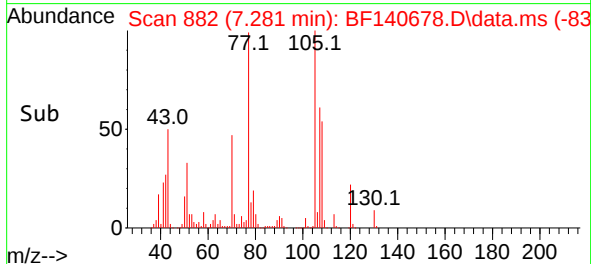


Tgt Ion: 70 Resp: 172952
Ion Ratio Lower Upper
70 100
42 57.0 47.6 71.4
101 9.8 7.6 11.4
130 20.2 16.2 24.4

Manual Integrations

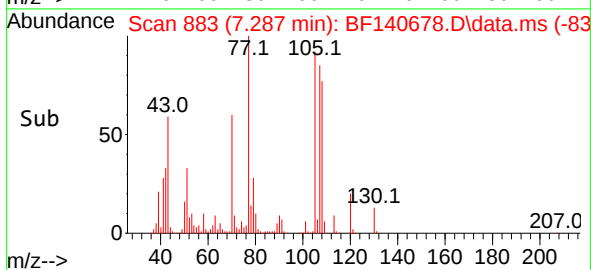
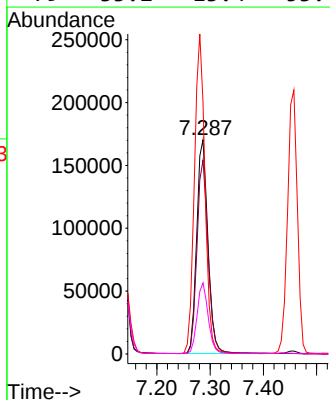
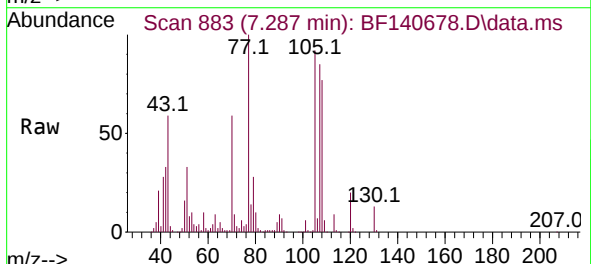
APPROVED

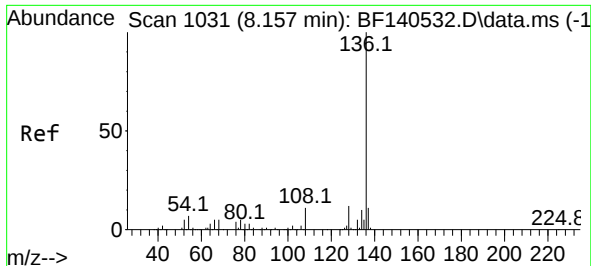
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#20
3+4-Methylphenols
Concen: 46.002 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:107 Resp: 249567
Ion Ratio Lower Upper
107 100
108 90.5 69.9 109.9
77 117.6 117.7 157.7#
79 33.2 13.4 53.4





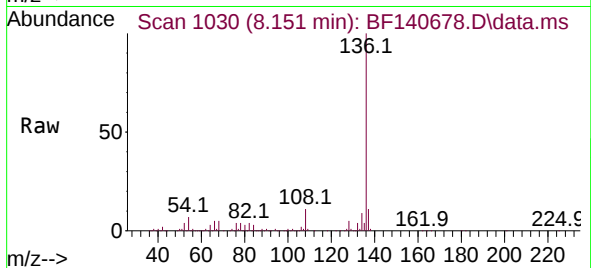
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD



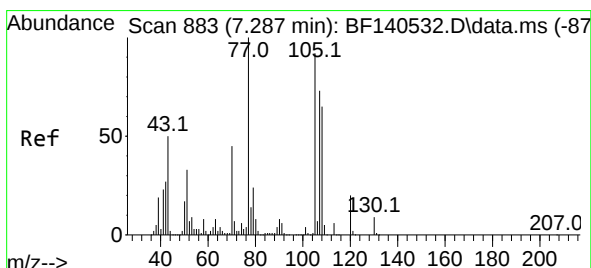
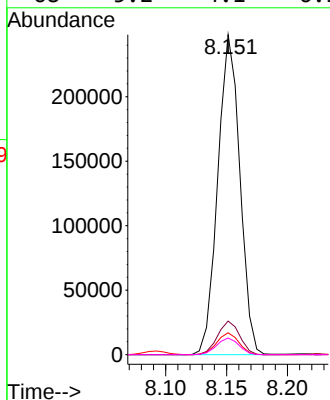
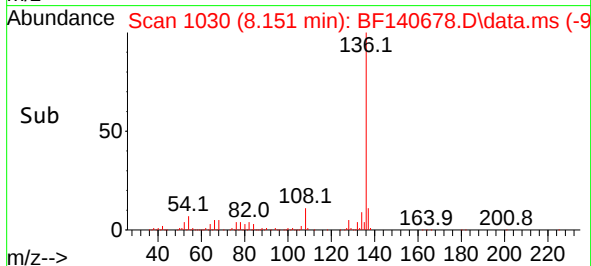
Tgt Ion:136 Resp: 313052
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.9 5.8 8.8
68 5.2 4.1 6.1

Manual Integrations

APPROVED

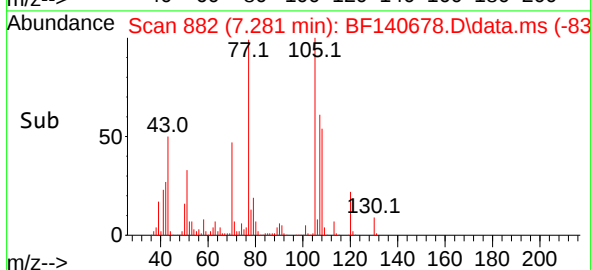
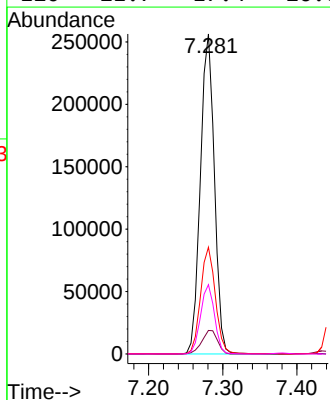
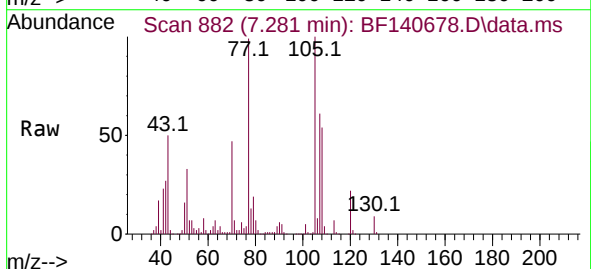
Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#22
Acetophenone
Concen: 44.127 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:105 Resp: 336783
Ion Ratio Lower Upper
105 100
71 7.3 6.2 9.2
51 33.4 29.0 43.6
120 21.7 17.4 26.0





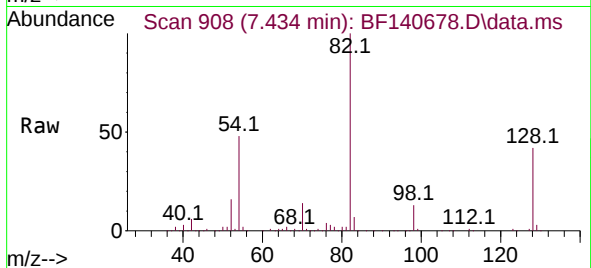
#23
Nitrobenzene-d5
Concen: 71.694 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

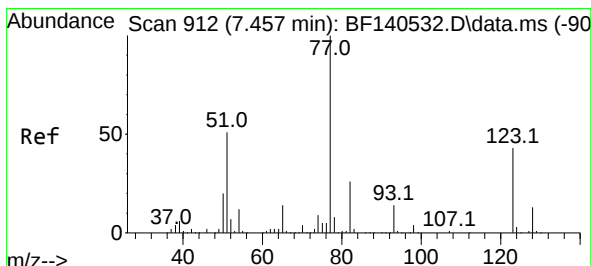
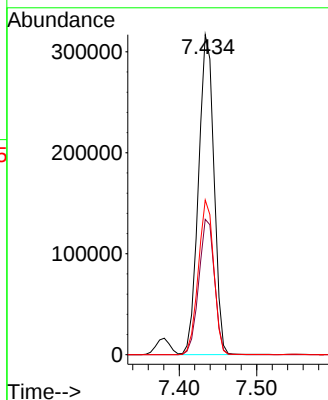
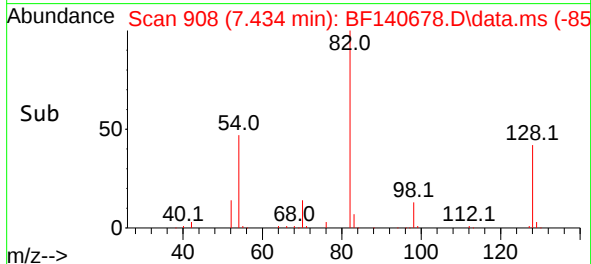


Tgt Ion: 82 Resp: 438785
Ion Ratio Lower Upper
82 100
128 42.3 33.0 49.4
54 48.4 39.5 59.3

Manual Integrations

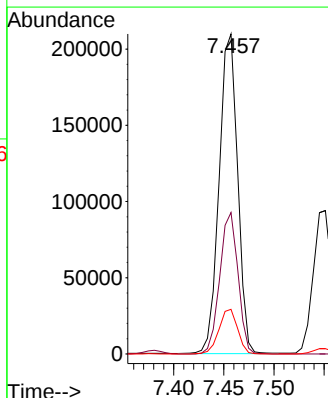
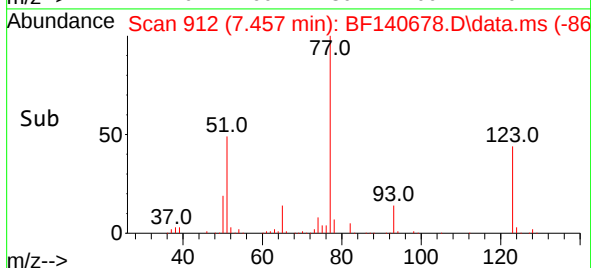
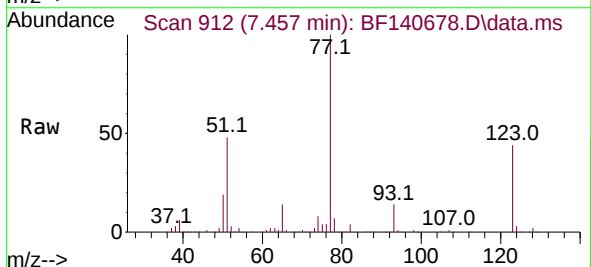
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#24
Nitrobenzene
Concen: 42.523 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion: 77 Resp: 268976
Ion Ratio Lower Upper
77 100
123 44.2 34.3 51.5
65 13.9 11.2 16.8





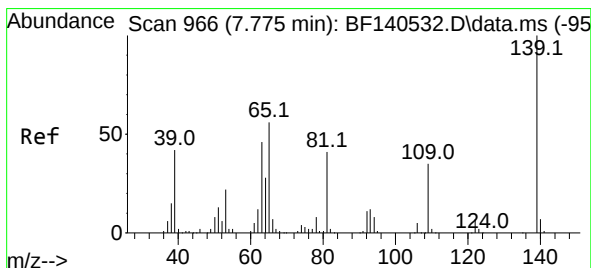
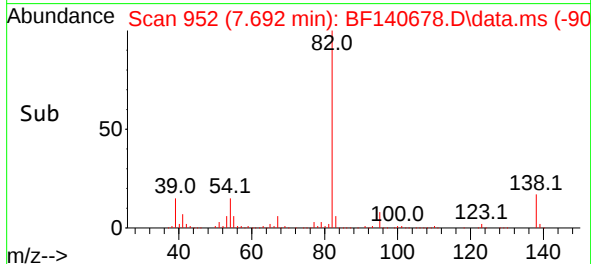
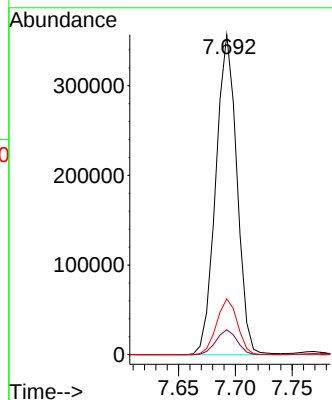
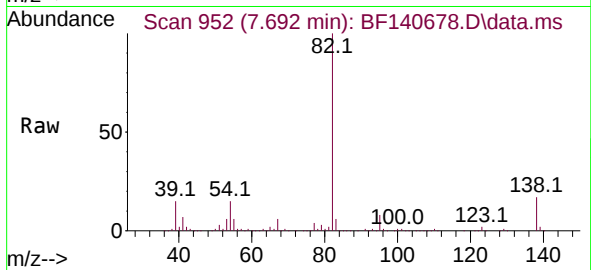
#25
Isophorone
Concen: 45.233 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion: 82 Resp: 461738
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.4 13.8 20.6

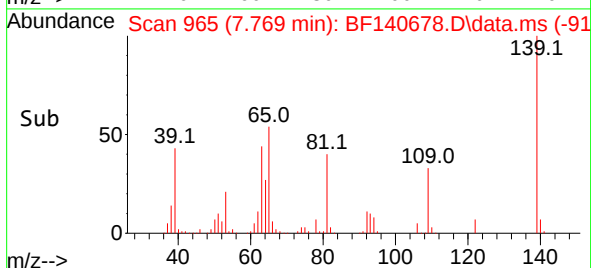
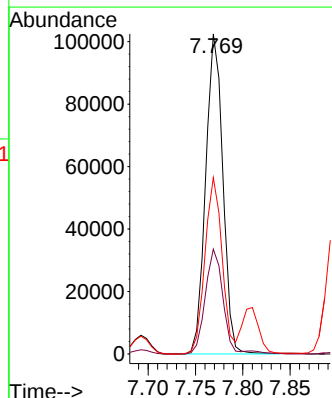
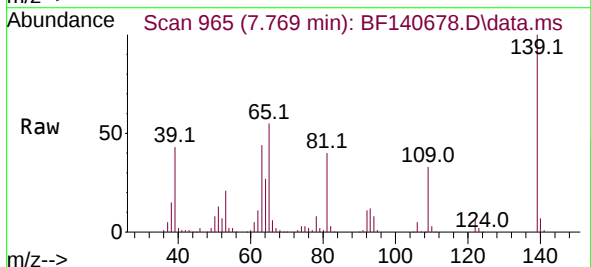
Manual Integrations
APPROVED

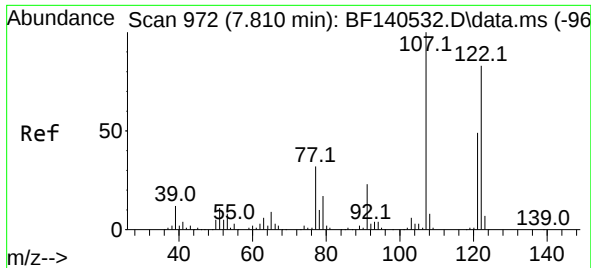
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#26
2-Nitrophenol
Concen: 45.995 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:139 Resp: 128931
Ion Ratio Lower Upper
139 100
109 32.8 28.0 42.0
65 55.1 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 57.716 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

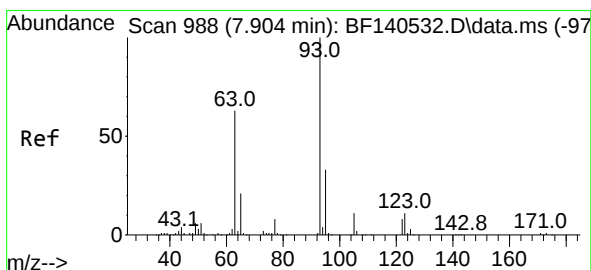
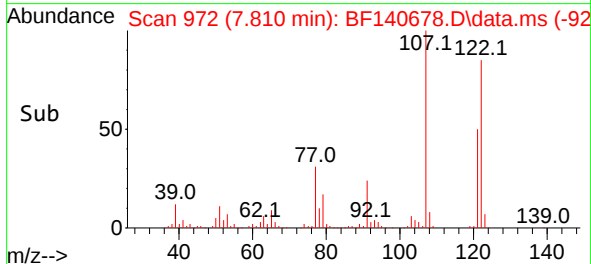
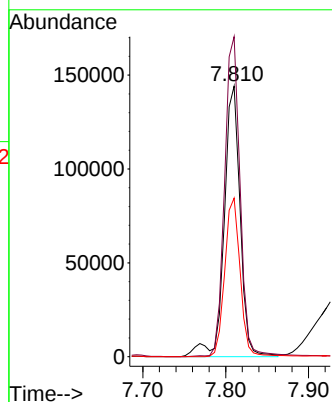
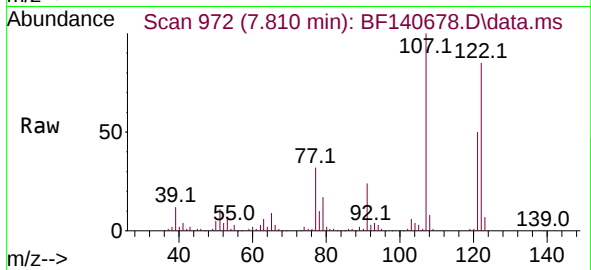
STOCK-PILEMSD

Tgt Ion:122 Resp: 19357
Ion Ratio Lower Upper
122 100
107 118.2 96.8 145.2
121 58.6 47.4 71.0

Manual Integrations

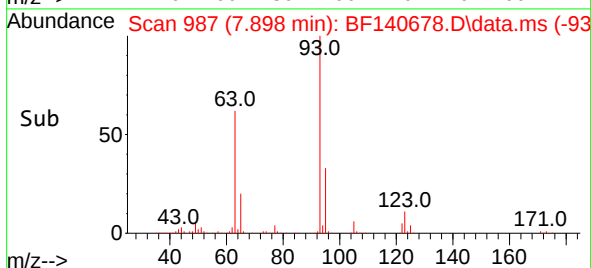
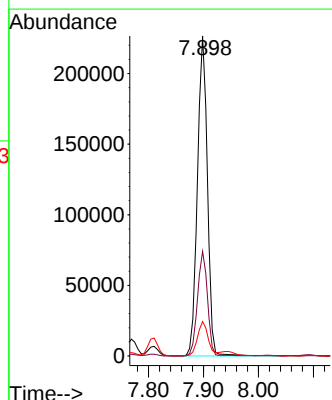
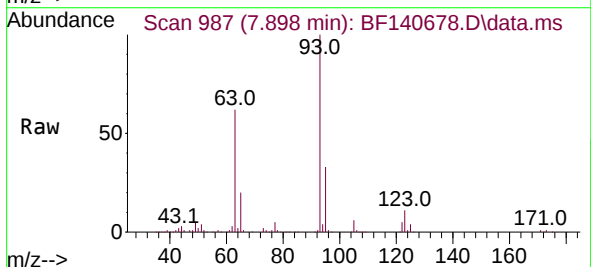
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.990 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

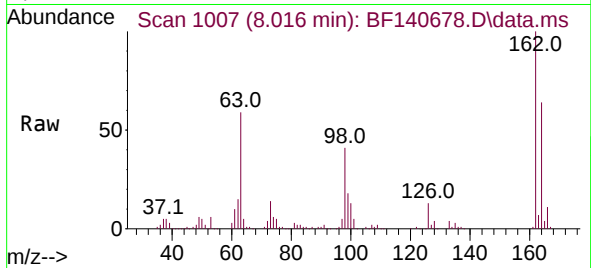
Tgt Ion: 93 Resp: 286004
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 10.7 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 45.557 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

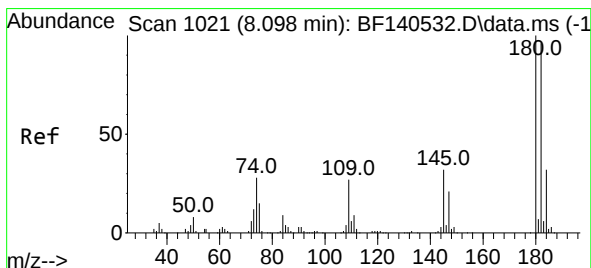
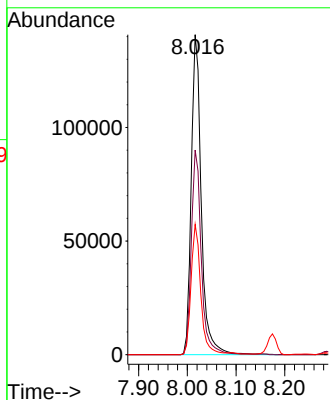
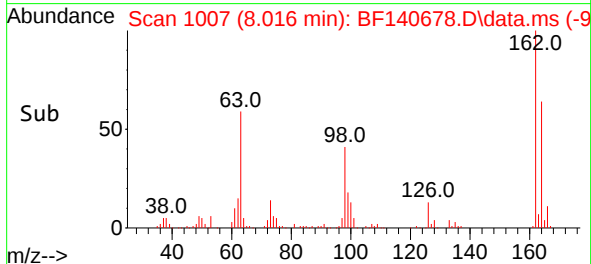
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



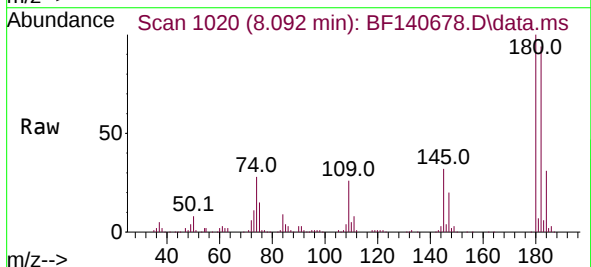
Tgt Ion:162 Resp: 20246
Ion Ratio Lower Upper
162 100
164 64.0 44.8 84.8
98 40.7 21.2 61.2

Manual Integrations
APPROVED

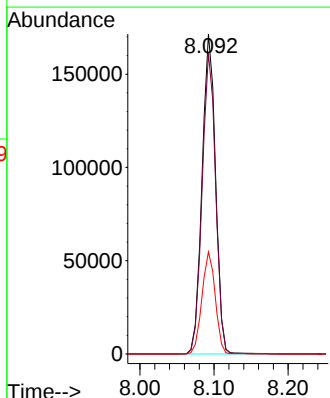
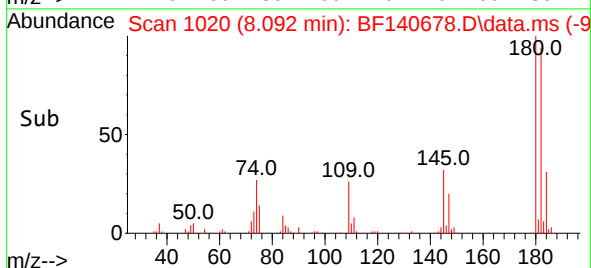
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

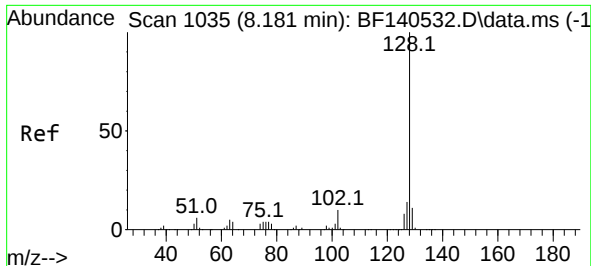


#30
1,2,4-Trichlorobenzene
Concen: 42.728 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



Tgt Ion:180 Resp: 216811
Ion Ratio Lower Upper
180 100
182 93.9 76.4 114.6
145 31.9 25.9 38.9





#31
Naphthalene
Concen: 43.840 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

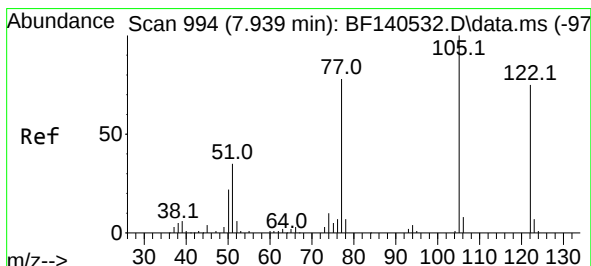
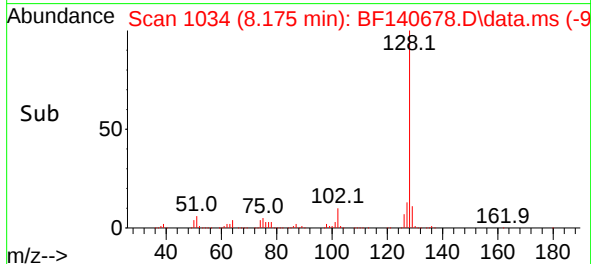
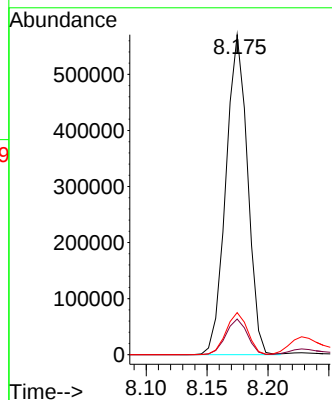
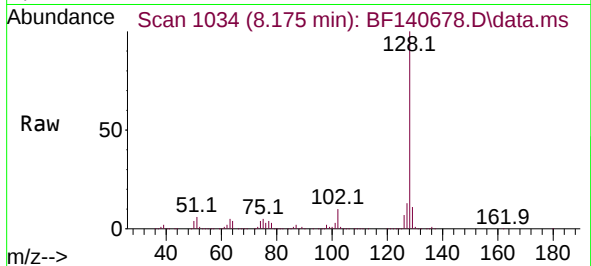
STOCK-PILEMSD

Tgt Ion:128 Resp: 706915
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.8 16.2

Manual Integrations

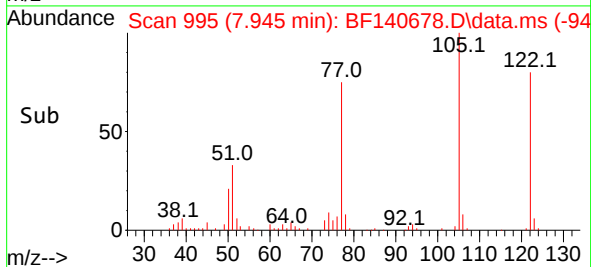
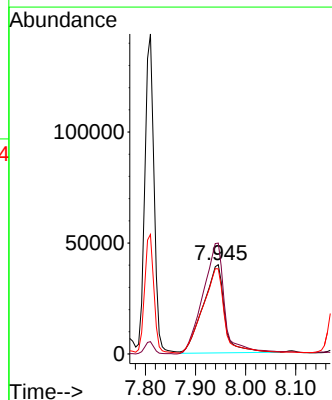
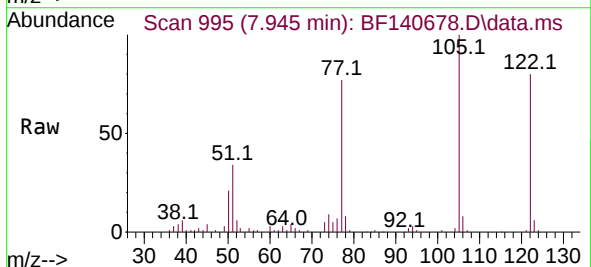
APPROVED

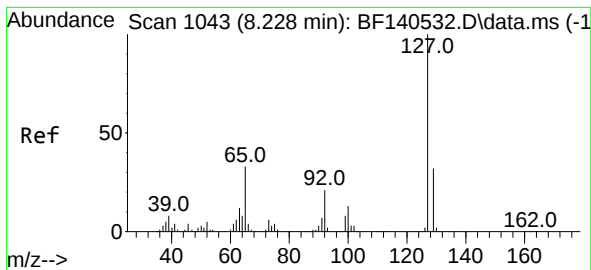
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#32
Benzoic acid
Concen: 41.597 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:122 Resp: 118113
Ion Ratio Lower Upper
122 100
105 124.3 109.3 149.3
77 95.5 82.3 122.3





#33
4-Chloroaniline
Concen: 15.169 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

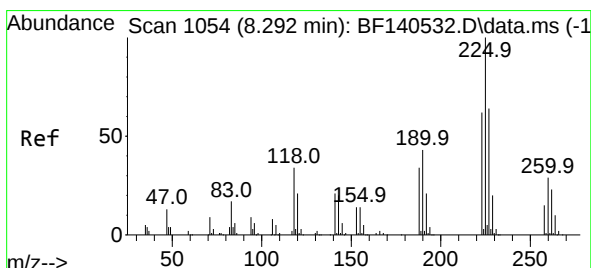
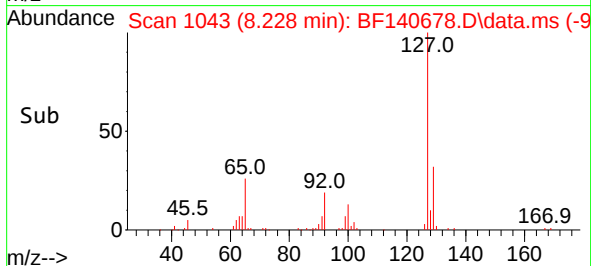
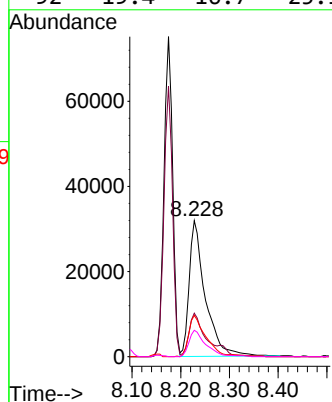
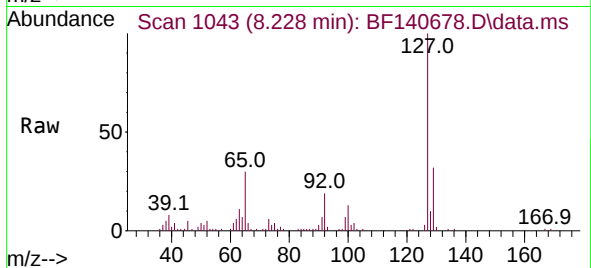
STOCK-PILEMSD

Tgt Ion:127 Resp: 7323
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 30.4 26.0 39.0
92 19.4 16.7 25.1

Manual Integrations

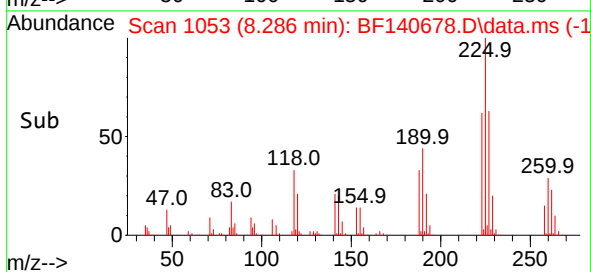
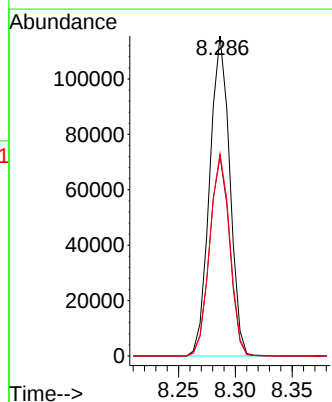
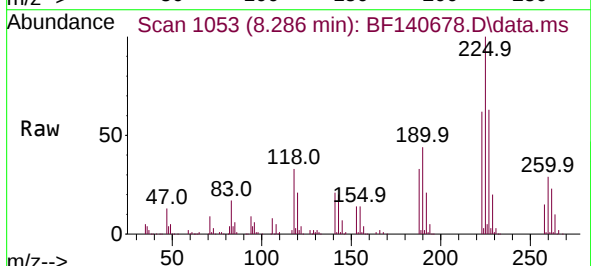
APPROVED

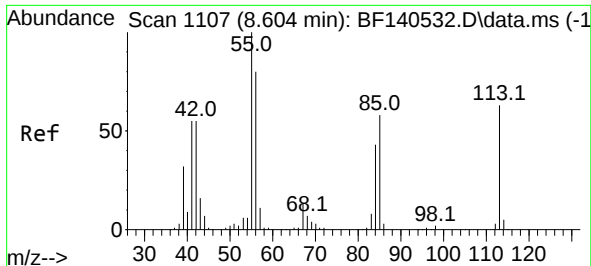
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#34
Hexachlorobutadiene
Concen: 42.212 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:225 Resp: 141873
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.8
227 63.2 51.3 76.9





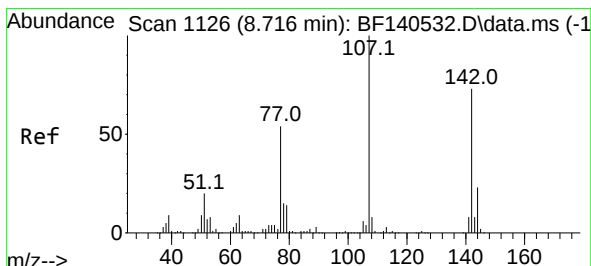
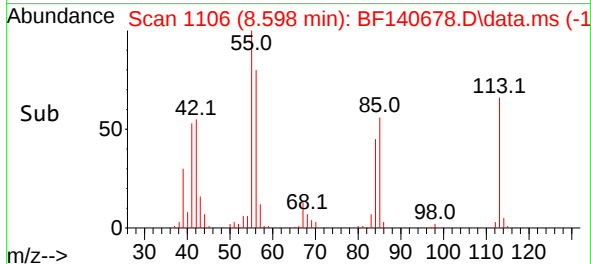
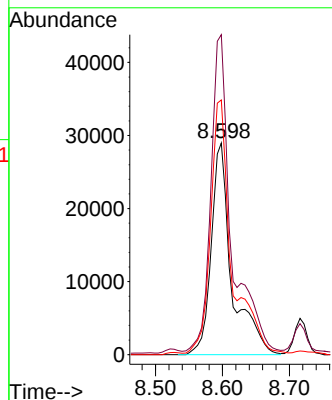
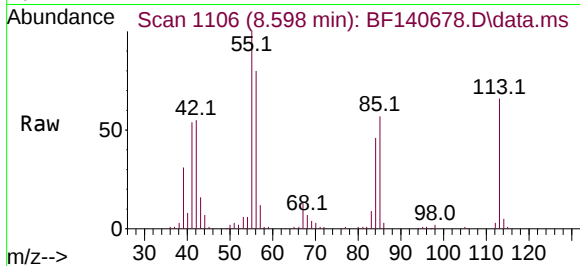
#35
Caprolactam
Concen: 45.022 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion:113 Resp: 6192
Ion Ratio Lower Upper
113 100
55 151.2 137.7 177.7
56 120.3 106.4 146.4

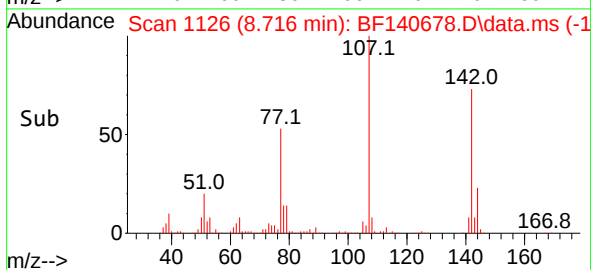
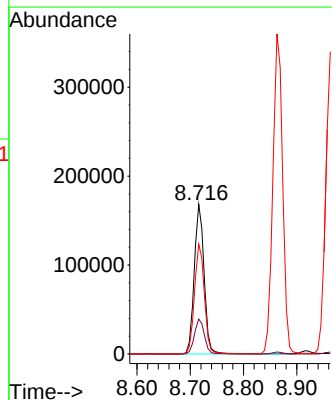
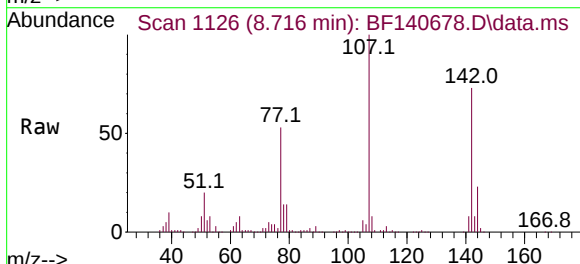
Manual Integrations
APPROVED

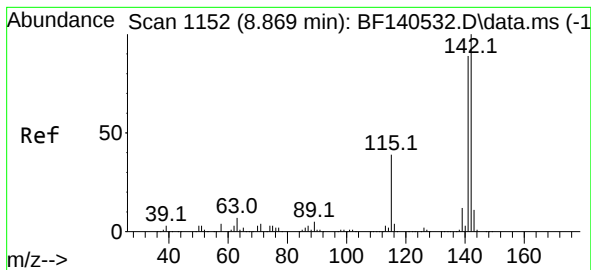
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#36
4-Chloro-3-methylphenol
Concen: 43.623 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:107 Resp: 217063
Ion Ratio Lower Upper
107 100
144 23.3 18.7 28.1
142 73.4 58.3 87.5





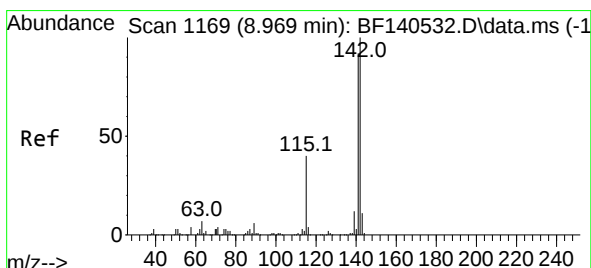
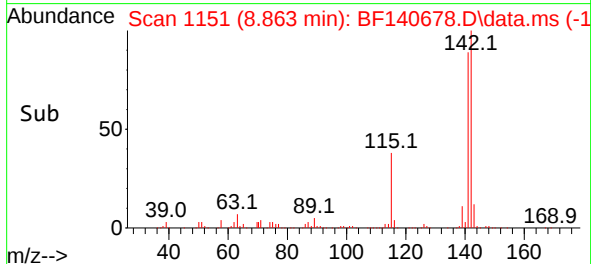
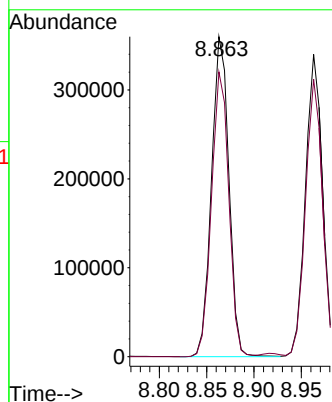
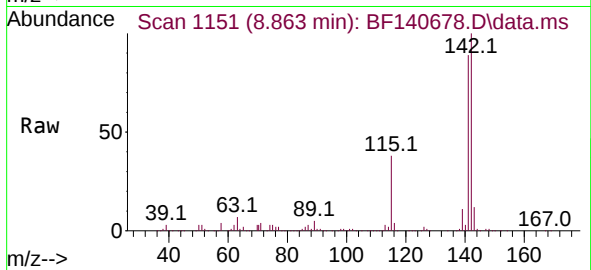
#37
2-Methylnaphthalene
Concen: 44.759 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion:142 Resp: 45842
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6

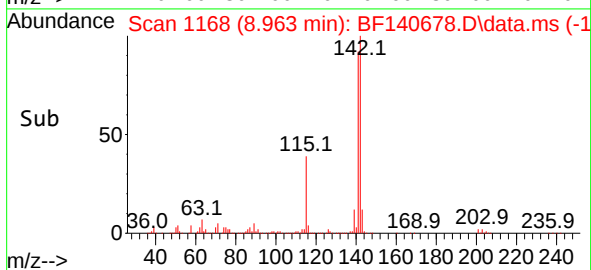
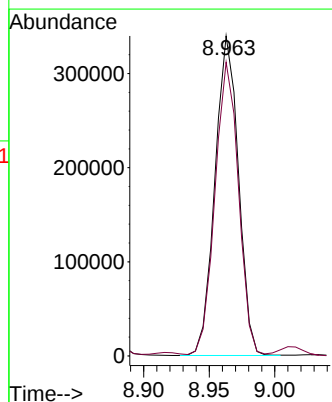
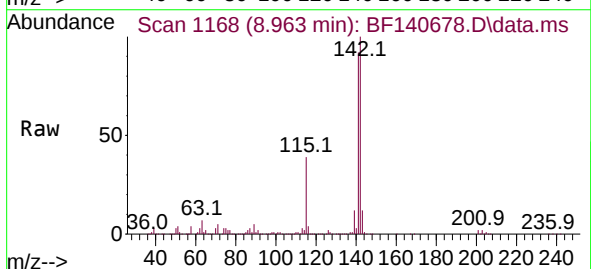
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#38
1-Methylnaphthalene
Concen: 42.127 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:142 Resp: 422914
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Instrument :

BNF_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion:164 Resp: 15964

Ion Ratio Lower Upper

164 100

162 99.5 80.6 120.8

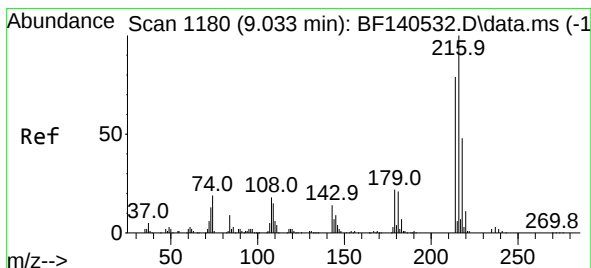
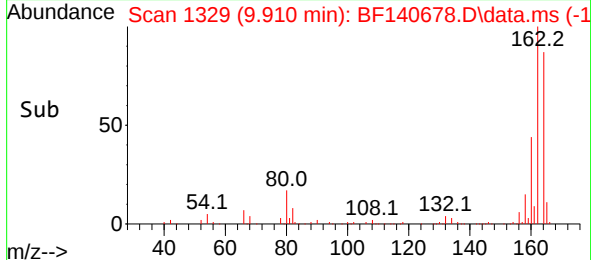
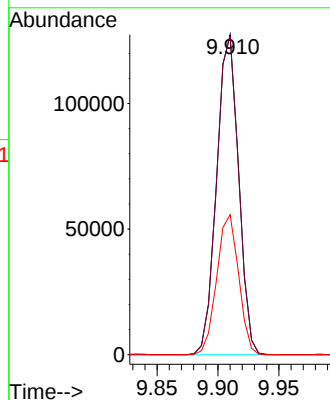
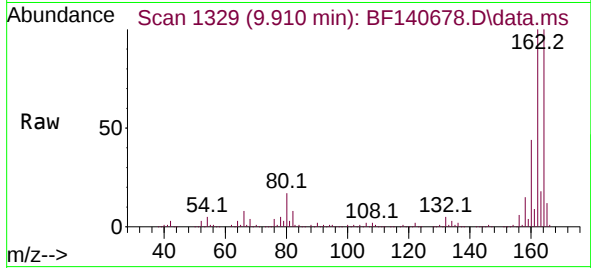
160 43.8 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.545 ng

RT: 9.033 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Tgt Ion:216 Resp: 222203

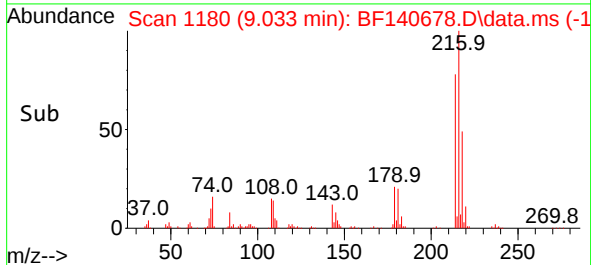
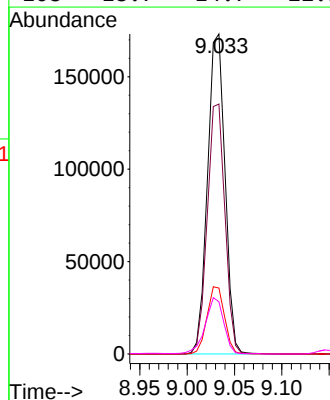
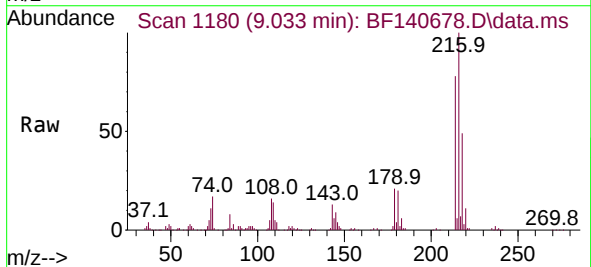
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 21.0 17.5 26.3

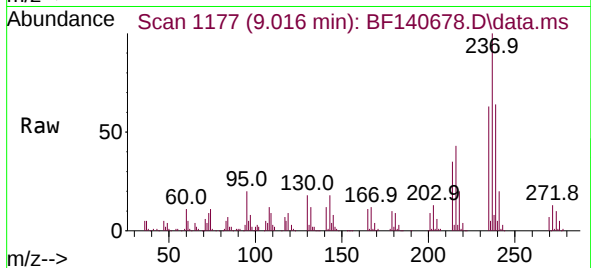
108 18.7 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 91.431 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

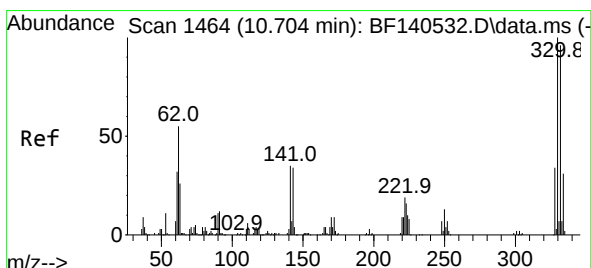
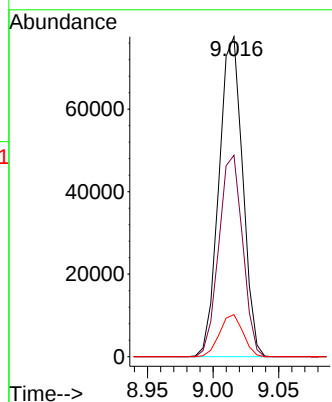
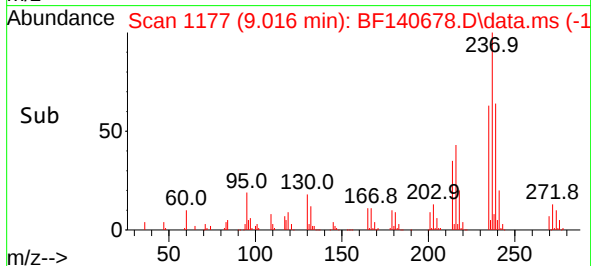
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



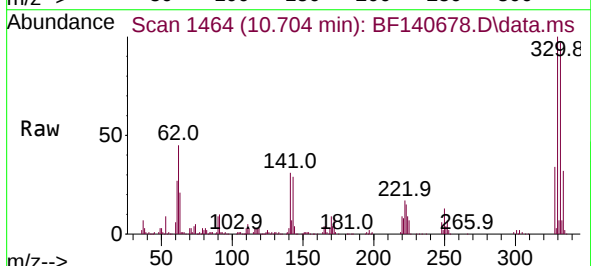
Tgt Ion:237 Resp: 9725
Ion Ratio Lower Upper
237 100
235 63.0 41.1 81.1
272 13.2 0.0 32.6

Manual Integrations
APPROVED

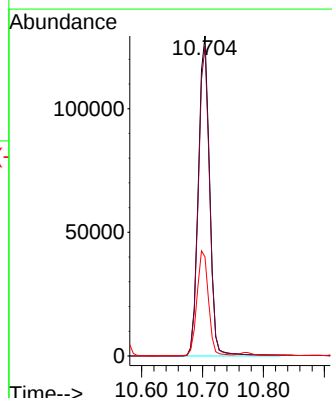
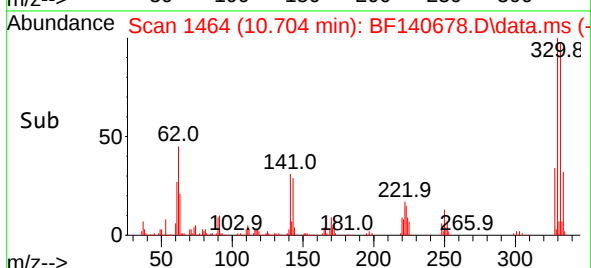
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

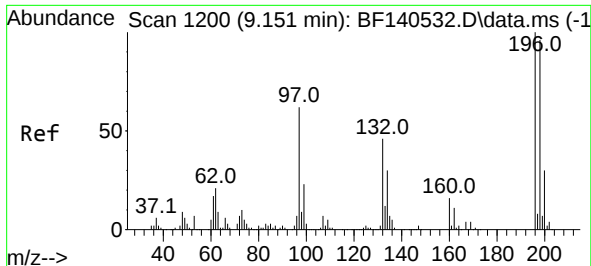


#42
2,4,6-Tribromophenol
Concen: 97.716 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



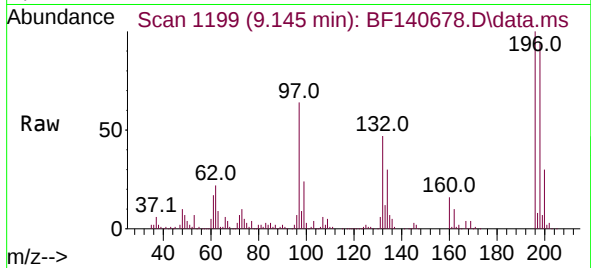
Tgt Ion:330 Resp: 166839
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 33.1 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 47.649 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

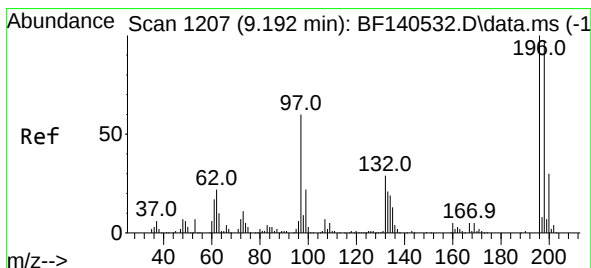
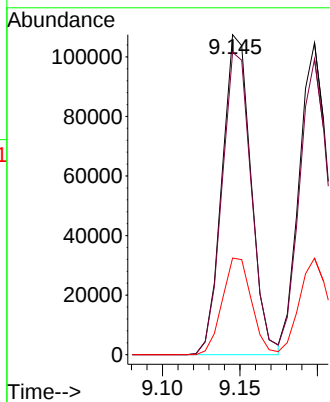
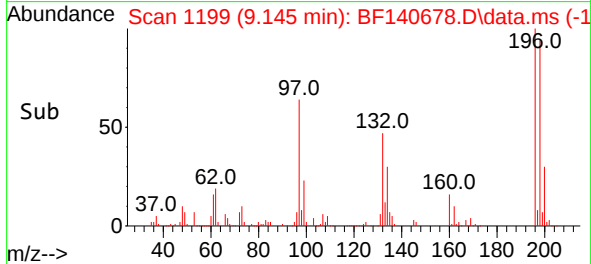
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



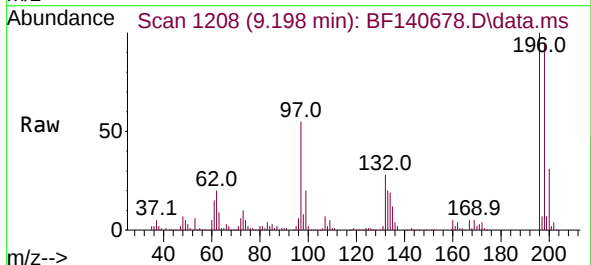
Tgt Ion:196 Resp: 139734
Ion Ratio Lower Upper
196 100
198 94.5 76.8 115.2
200 30.2 24.3 36.5

Manual Integrations
APPROVED

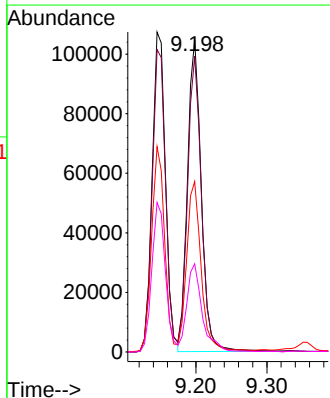
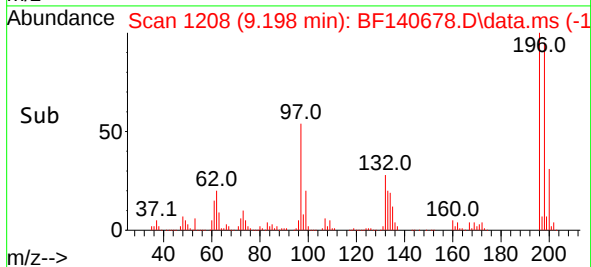
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#44
2,4,5-Trichlorophenol
Concen: 44.577 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



Tgt Ion:196 Resp: 141874
Ion Ratio Lower Upper
196 100
198 94.8 77.2 115.8
97 54.6 47.1 70.7
132 28.3 24.1 36.1





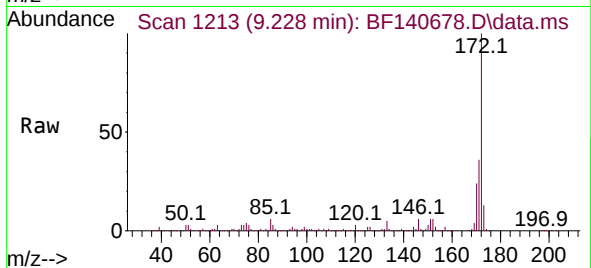
#45
2-Fluorobiphenyl
Concen: 74.740 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

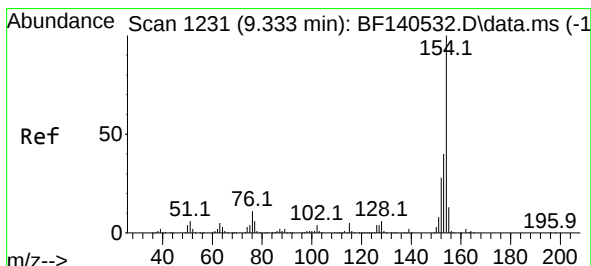
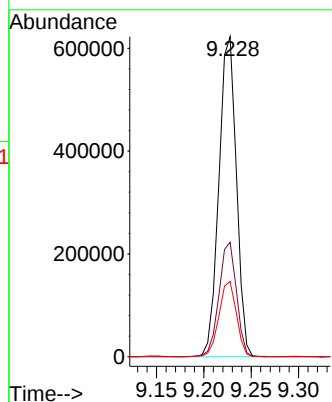
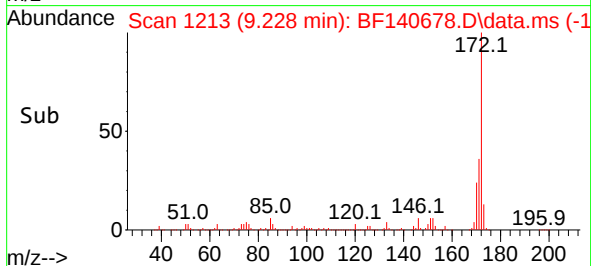


Tgt Ion:172 Resp: 80081
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.5 19.0 28.6

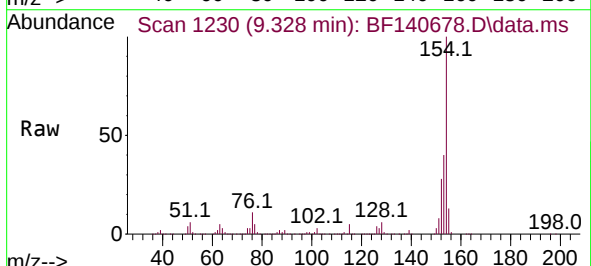
Manual Integrations

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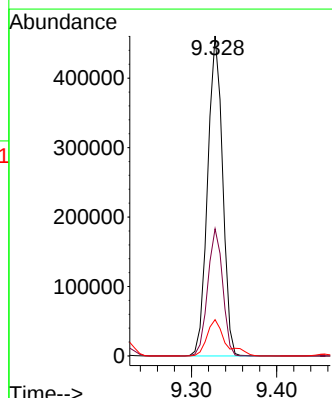
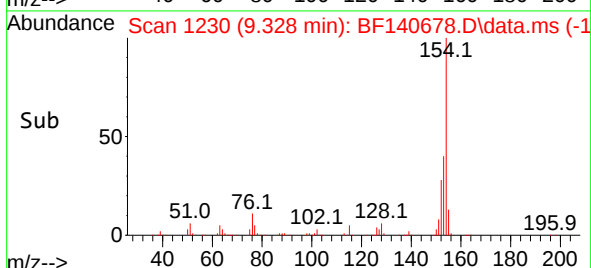
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

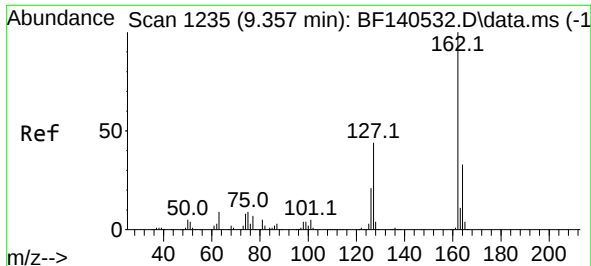


#46
1,1'-Biphenyl
Concen: 47.109 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



Tgt Ion:154 Resp: 561491
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 11.4 0.0 31.2





#47

2-Chloronaphthalene

Concen: 45.358 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

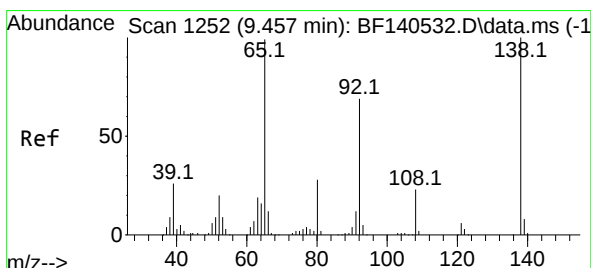
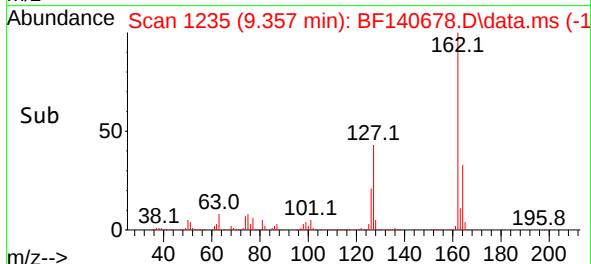
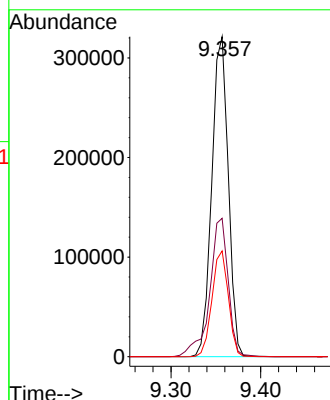
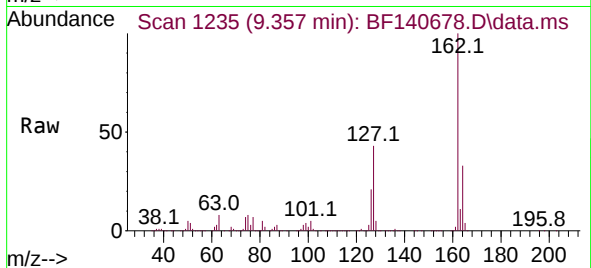
Tgt Ion:162 Resp: 409644
 Ion Ratio Lower Upper
 162 100
 127 43.3 35.7 53.5
 164 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#48

2-Nitroaniline

Concen: 45.631 ng

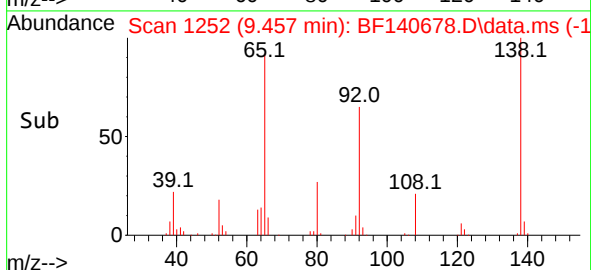
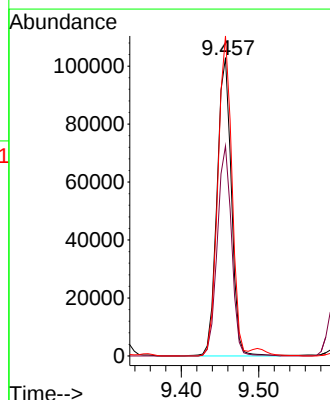
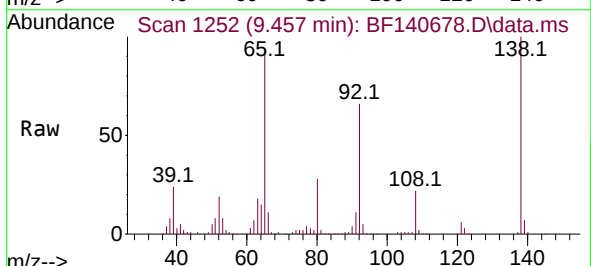
RT: 9.457 min Scan# 1252

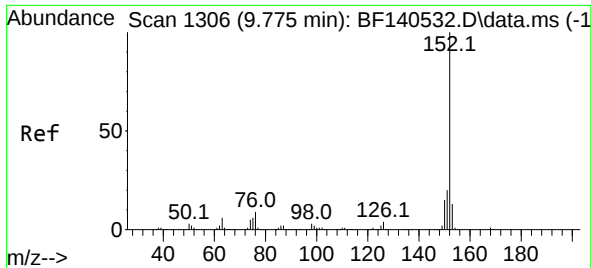
Delta R.T. 0.000 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Tgt Ion: 65 Resp: 132277
 Ion Ratio Lower Upper
 65 100
 92 70.4 56.1 84.1
 138 107.3 81.0 121.6





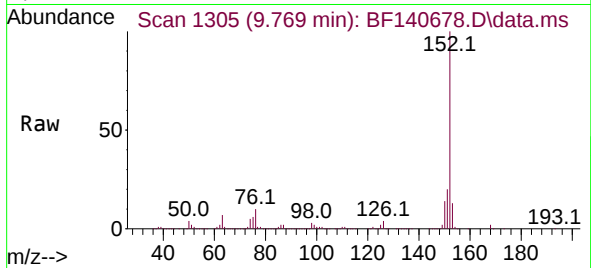
#49
Acenaphthylene
Concen: 47.845 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD



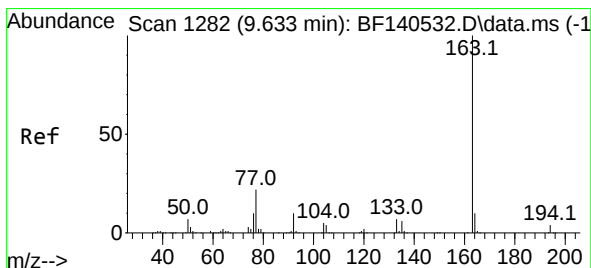
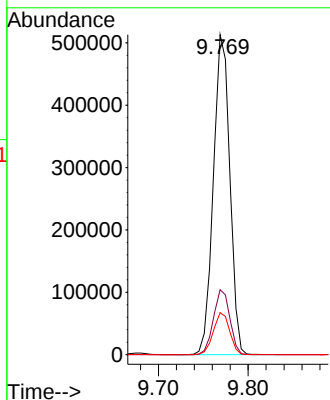
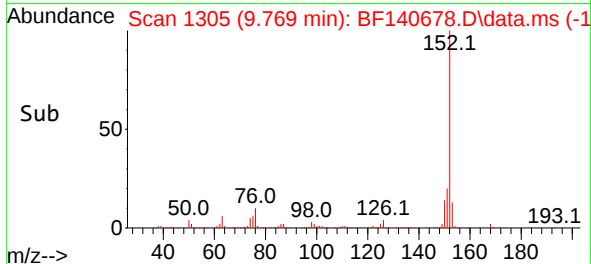
Tgt Ion:152 Resp: 65287
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations

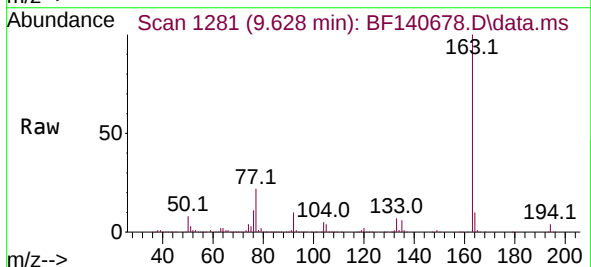
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

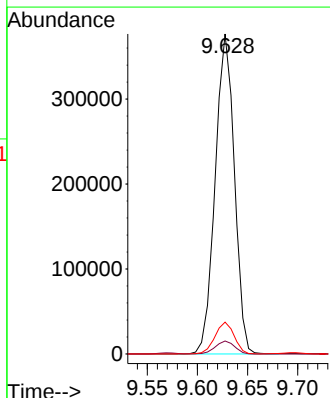
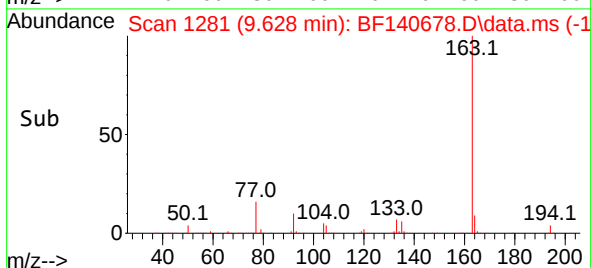
Supervised By :mohammad ahmed 11/29/2024

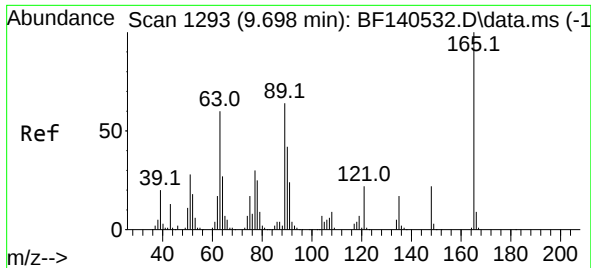


#50
Dimethylphthalate
Concen: 47.677 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



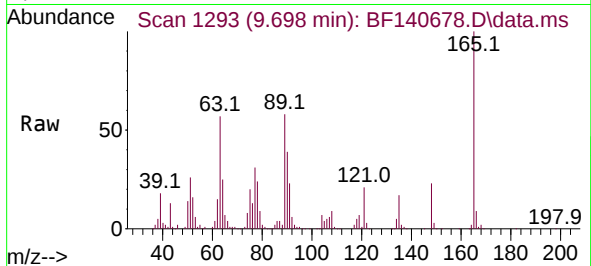
Tgt Ion:163 Resp: 501271
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.271 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

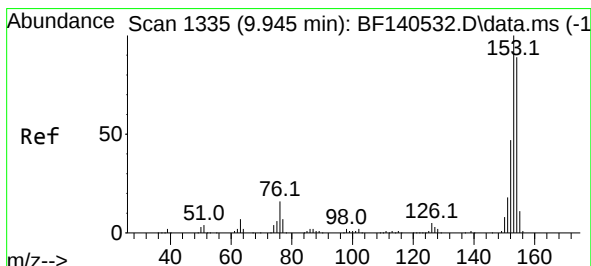
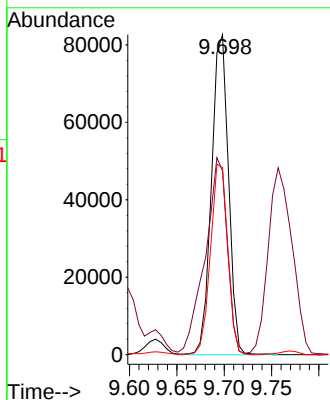
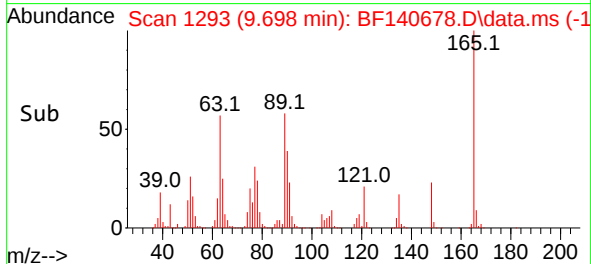
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



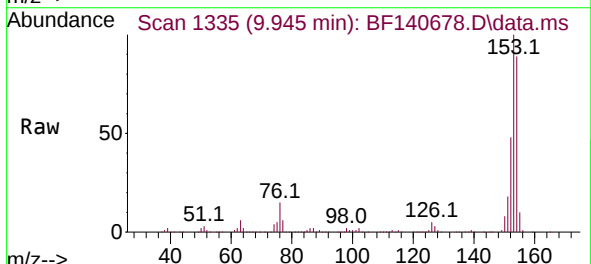
Tgt Ion:165 Resp: 103179
Ion Ratio Lower Upper
165 100
63 57.5 49.9 74.9
89 58.4 50.9 76.3

Manual Integrations
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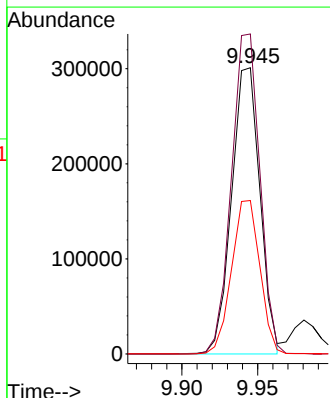
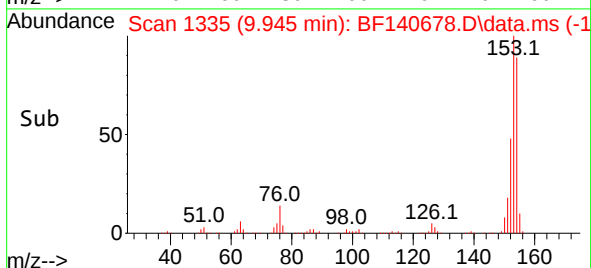
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

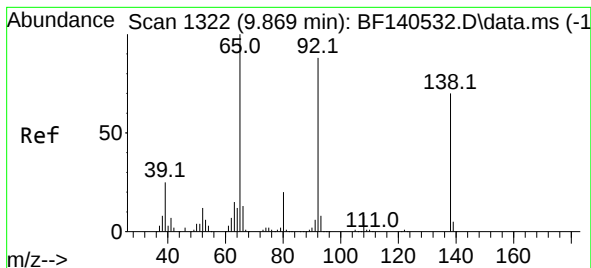


#52
Acenaphthene
Concen: 45.267 ng m
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



Tgt Ion:154 Resp: 392478
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 53.6 42.5 63.7





#53
3-Nitroaniline
Concen: 30.942 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

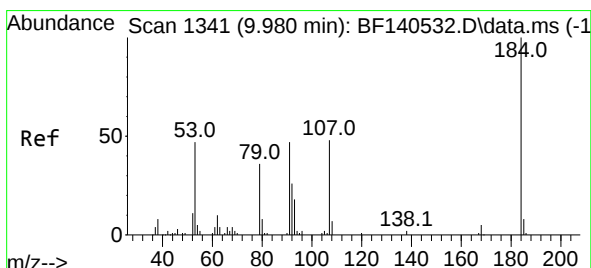
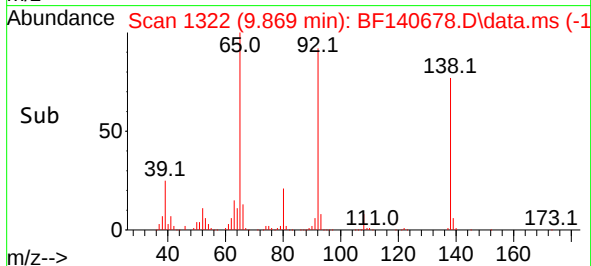
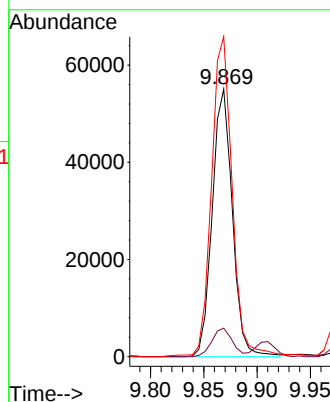
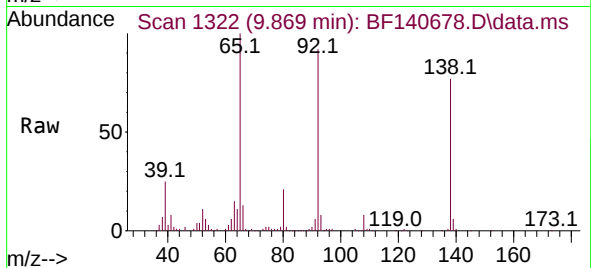
STOCK-PILEMSD

Tgt Ion:138 Resp: 72162
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 119.6 100.6 150.8

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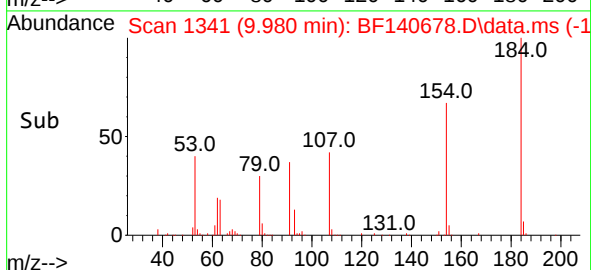
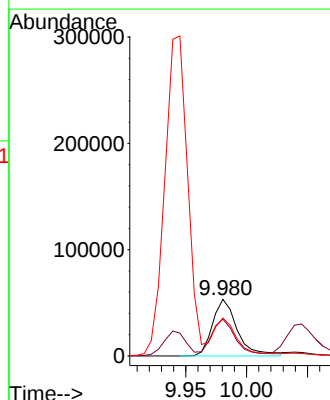
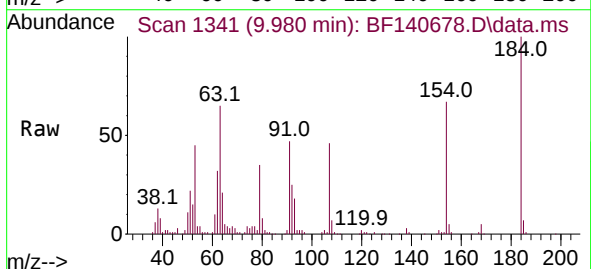
APPROVED

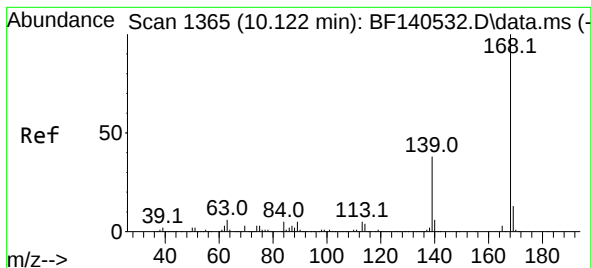
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#54
2,4-Dinitrophenol
Concen: 63.032 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

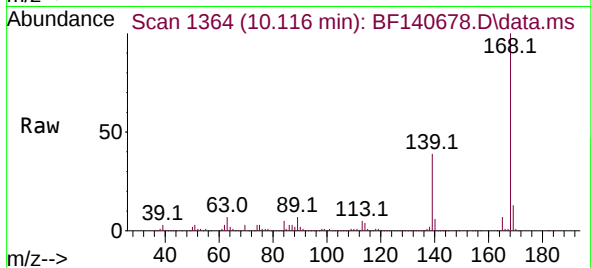
Tgt Ion:184 Resp: 75570
Ion Ratio Lower Upper
184 100
63 65.0 54.1 81.1
154 66.9 57.4 86.0





#55
Dibenzenofuran
Concen: 44.579 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

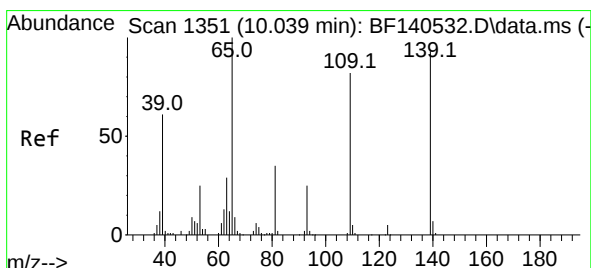
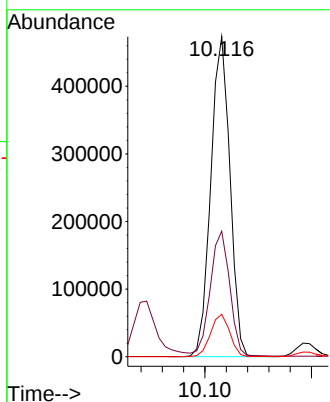
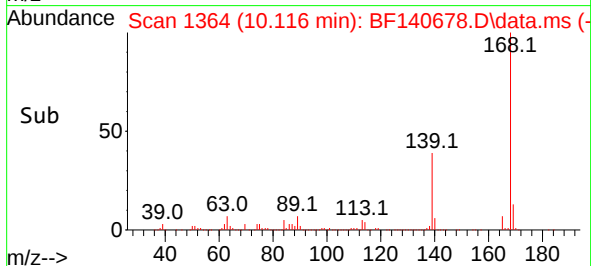
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:168 Resp: 589559
Ion Ratio Lower Upper
168 100
139 39.2 31.3 46.9
169 13.3 10.5 15.7

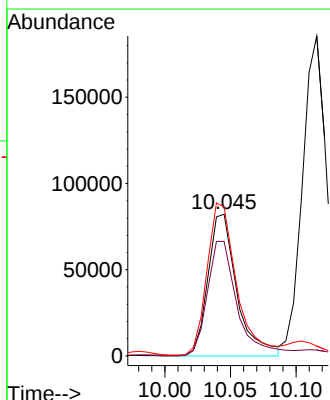
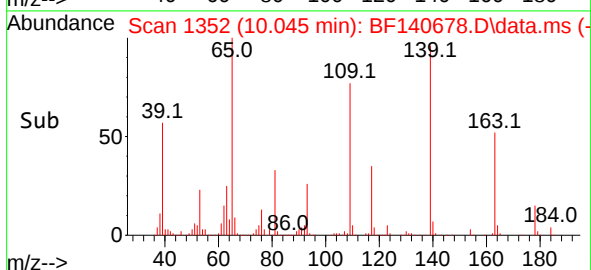
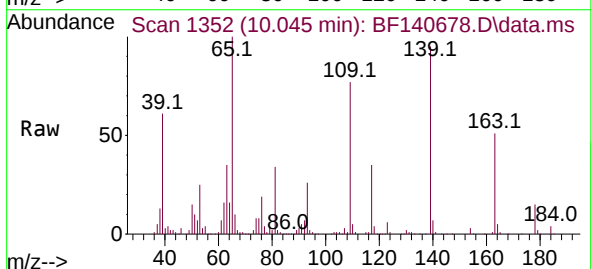
Manual Integrations
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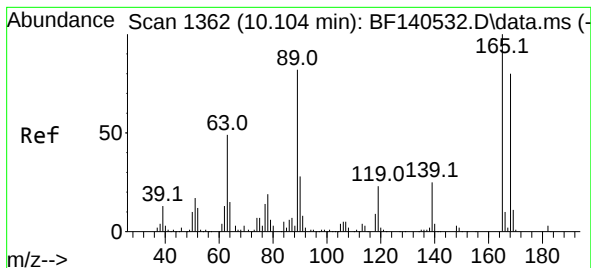
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#56
4-Nitrophenol
Concen: 79.571 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:139 Resp: 126559
Ion Ratio Lower Upper
139 100
109 80.8 68.4 108.4
65 105.2 88.6 128.6





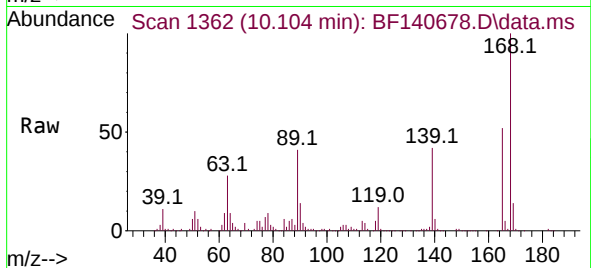
#57
2,4-Dinitrotoluene
Concen: 42.769 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

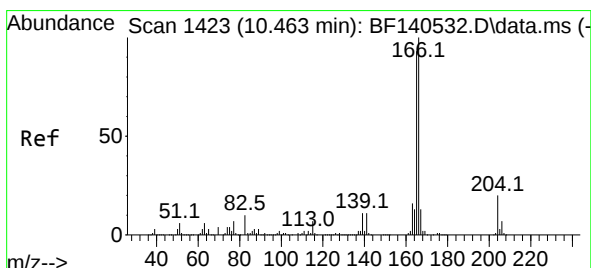
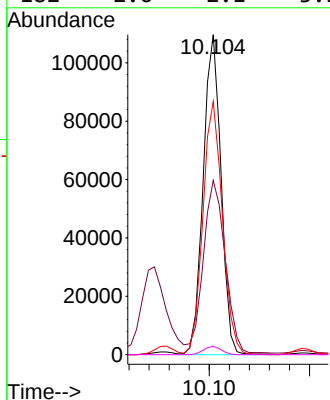
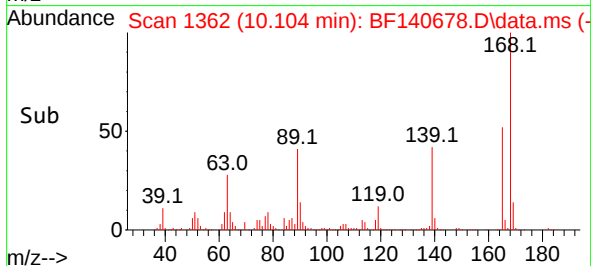


Tgt Ion:165 Resp: 135538
Ion Ratio Lower Upper
165 100
63 54.5 41.7 62.5
89 79.1 65.8 98.8
182 2.6 2.1 3.1

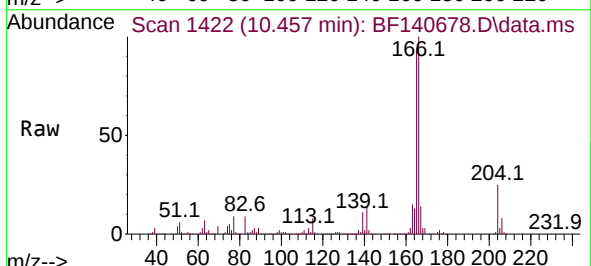
Manual Integrations

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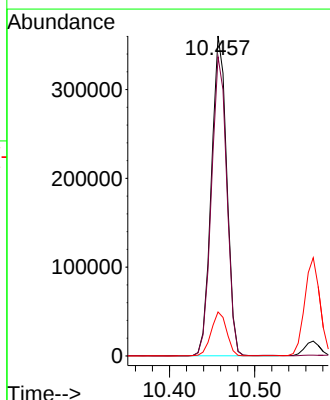
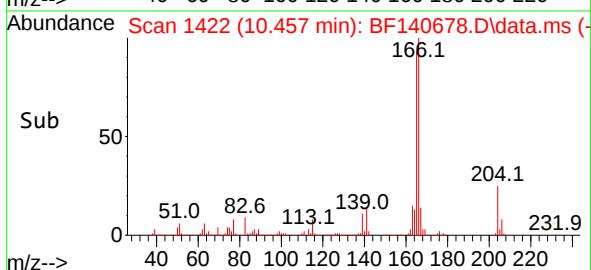
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

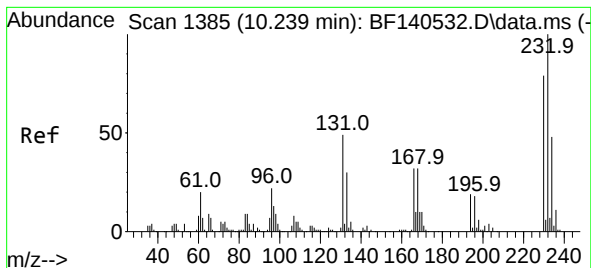


#58
Fluorene
Concen: 42.492 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



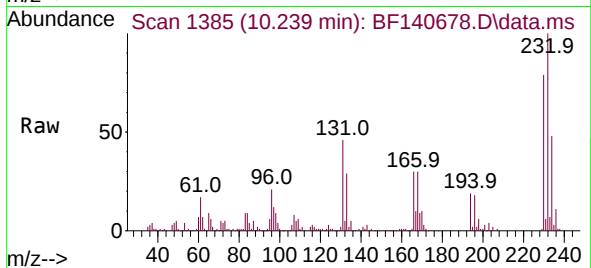
Tgt Ion:166 Resp: 451074
Ion Ratio Lower Upper
166 100
165 93.5 74.6 111.8
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.422 ng
RT: 10.239 min Scan# 11110
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

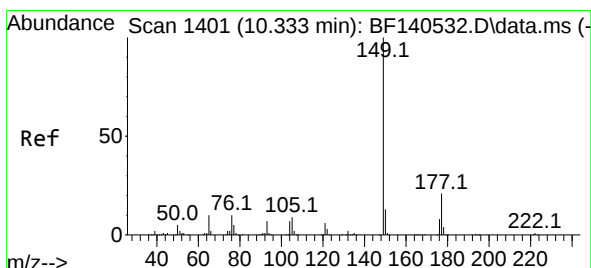
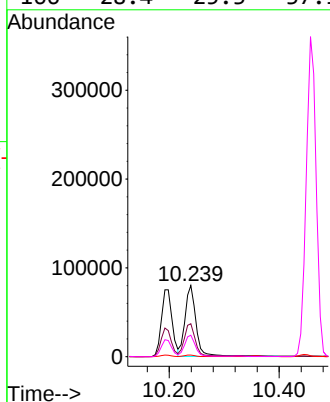
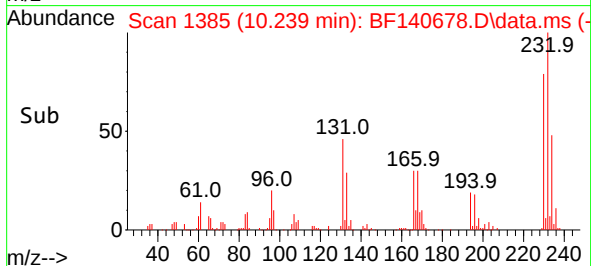
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



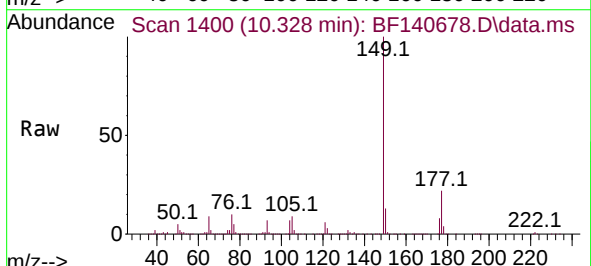
Tgt Ion:232 Resp: 11110
Ion Ratio Lower Upper
232 100
131 45.0 39.6 59.4
130 2.1 1.9 2.9
166 28.4 25.3 37.9

Manual Integrations
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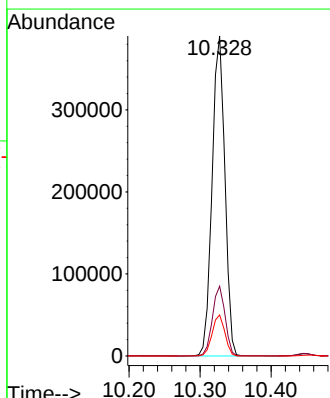
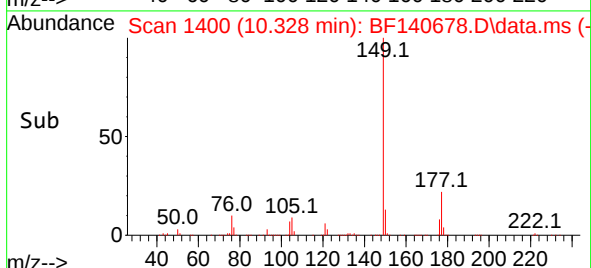
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

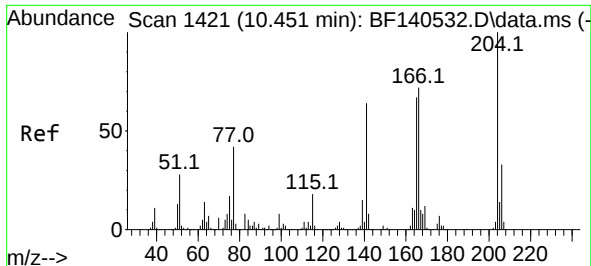


#60
Diethylphthalate
Concen: 45.631 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



Tgt Ion:149 Resp: 487451
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.8 10.1 15.1





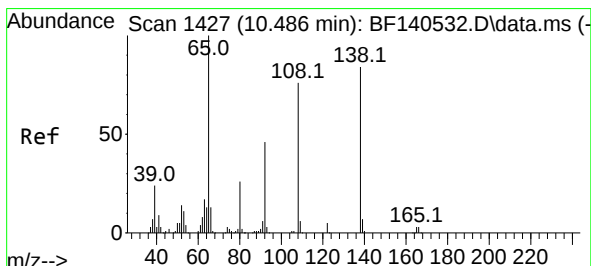
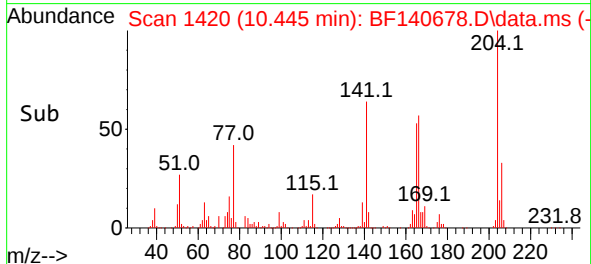
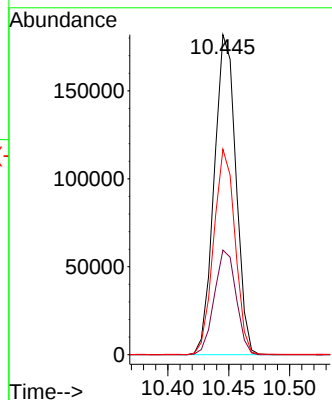
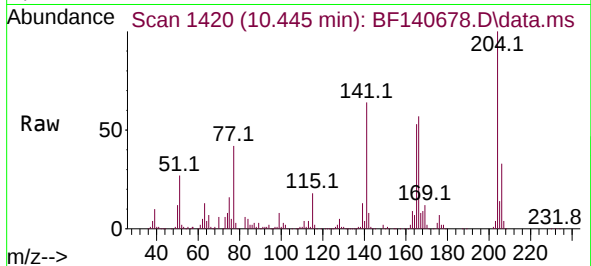
#61
4-Chlorophenyl-phenylether
Concen: 43.258 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion:204 Resp: 22535
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 64.2 51.1 76.7

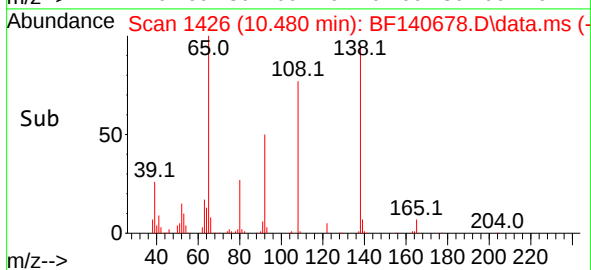
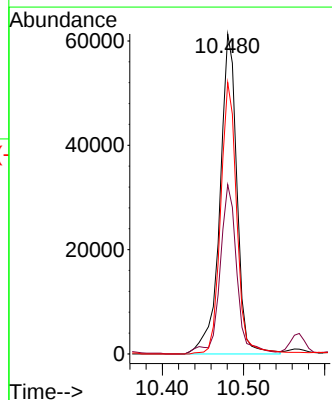
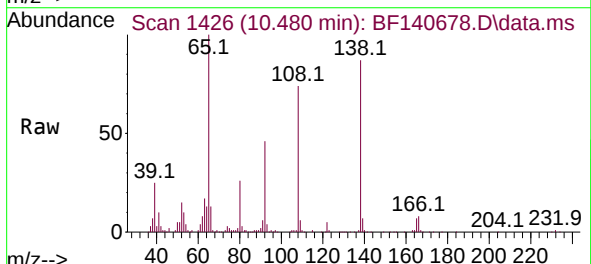
Manual Integrations
APPROVED

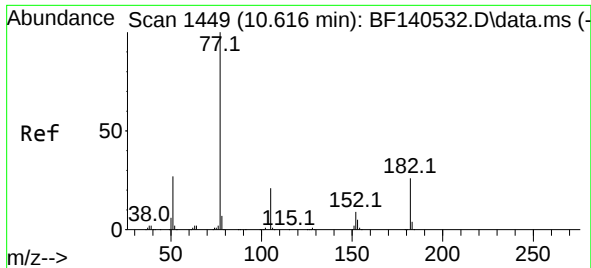
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#62
4-Nitroaniline
Concen: 36.643 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

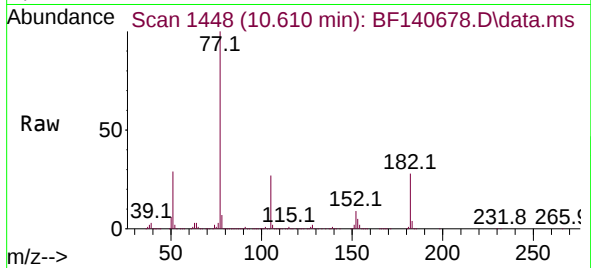
Tgt Ion:138 Resp: 89628
Ion Ratio Lower Upper
138 100
92 52.9 34.5 74.5
108 84.8 70.6 110.6





#63
Azobenzene
Concen: 50.367 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

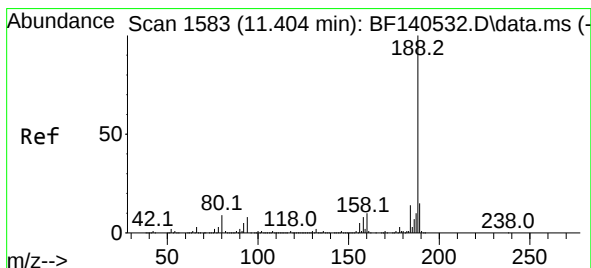
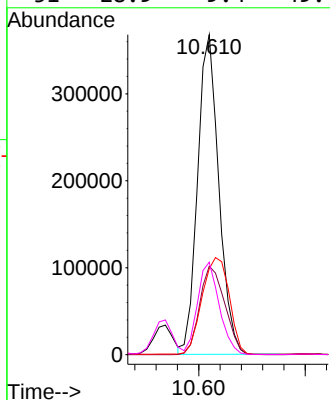
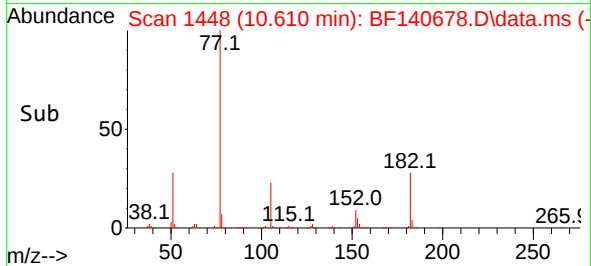
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



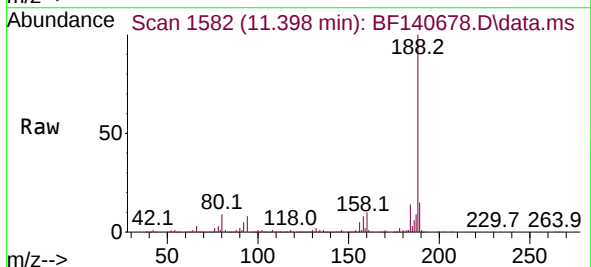
Tgt Ion: 77 Resp: 509524
Ion Ratio Lower Upper
77 100
182 27.7 5.3 45.3
105 26.9 0.3 40.3
51 28.9 9.4 49.4

Manual Integrations
APPROVED

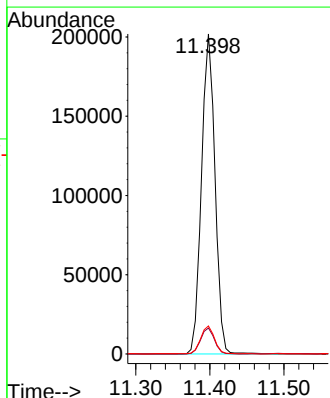
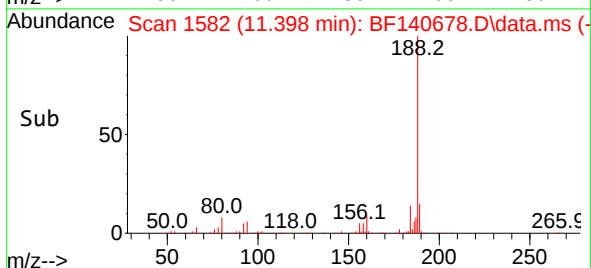
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

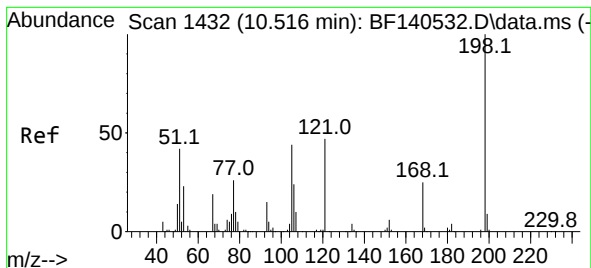


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



Tgt Ion:188 Resp: 255191
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.8 6.9 10.3





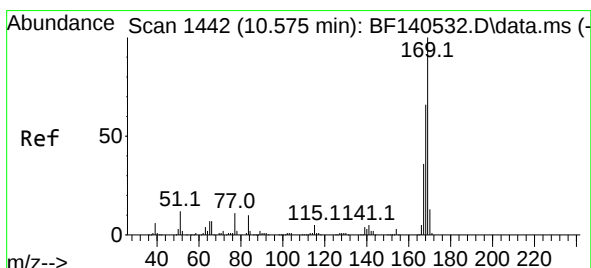
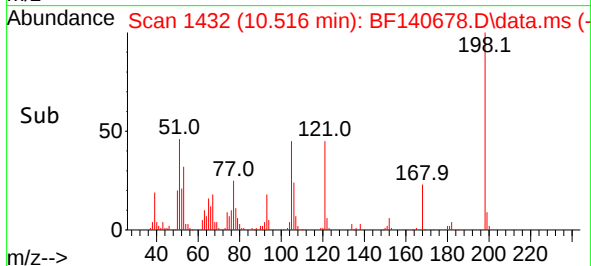
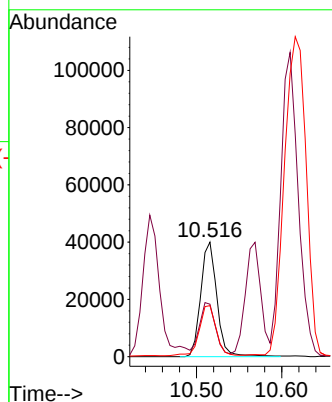
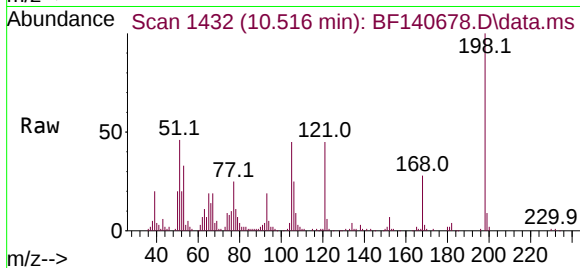
#65
4,6-Dinitro-2-methylphenol
Concen: 40.539 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion:198 Resp: 52864
Ion Ratio Lower Upper
198 100
51 45.8 29.4 69.4
105 44.5 25.4 65.4

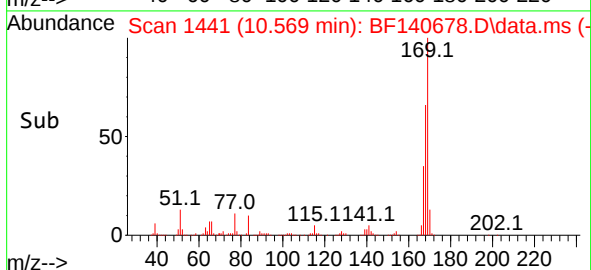
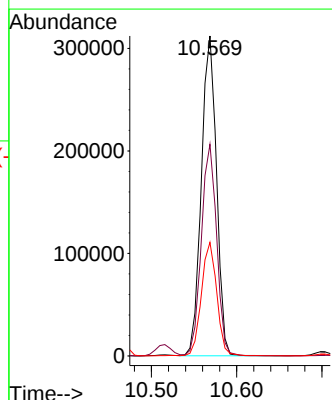
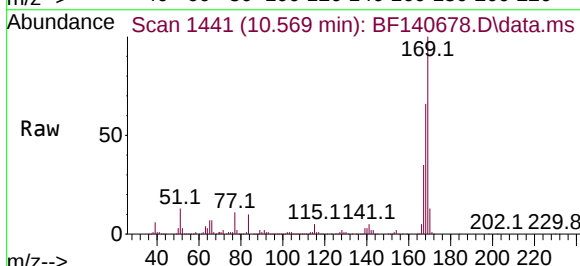
Manual Integrations
APPROVED

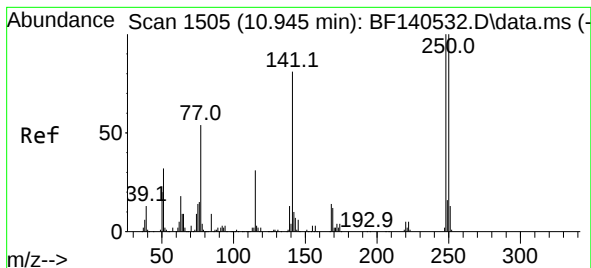
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#66
n-Nitrosodiphenylamine
Concen: 51.018 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:169 Resp: 385012
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.5 29.0 43.6





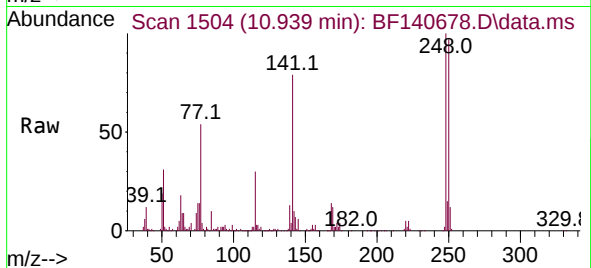
#67
4-Bromophenyl-phenylether
Concen: 48.716 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

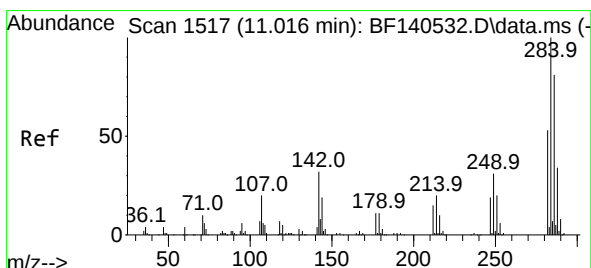
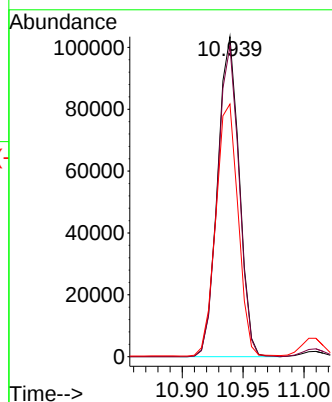
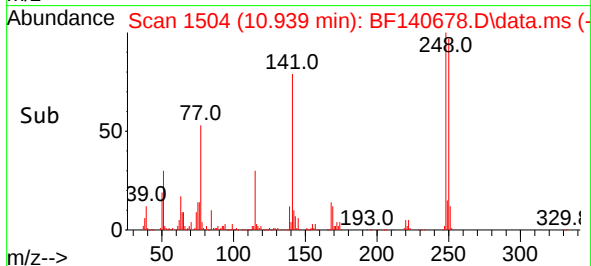


Tgt Ion:248 Resp: 128030
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 79.0 64.7 97.1

Manual Integrations

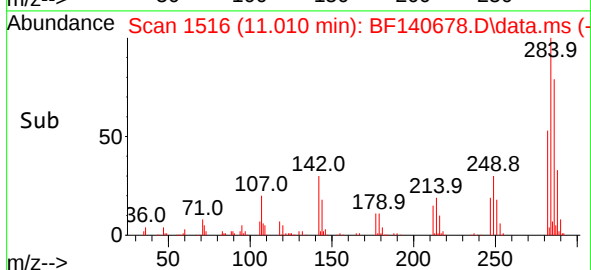
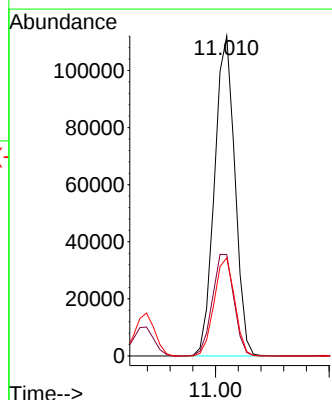
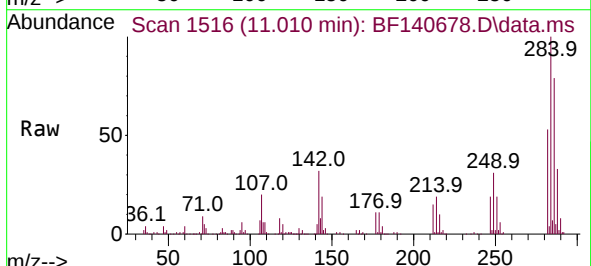
APPROVED

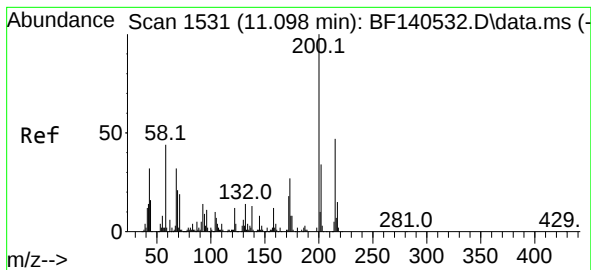
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#68
Hexachlorobenzene
Concen: 45.879 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:284 Resp: 139613
Ion Ratio Lower Upper
284 100
142 31.7 25.3 37.9
249 30.7 24.8 37.2





#69

Atrazine

Concen: 57.360 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion:200 Resp: 121770

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

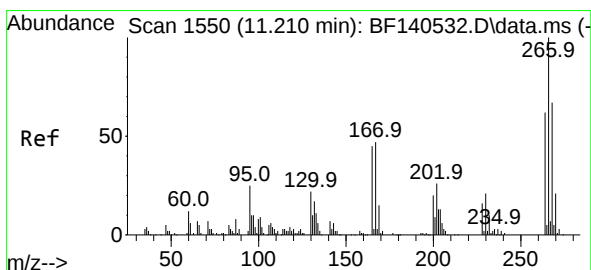
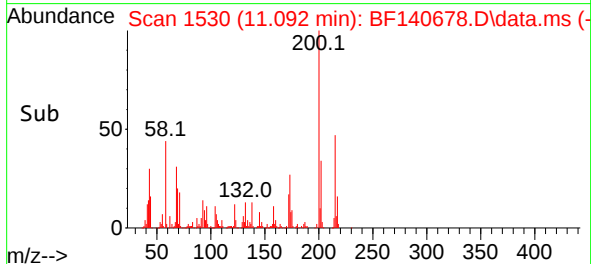
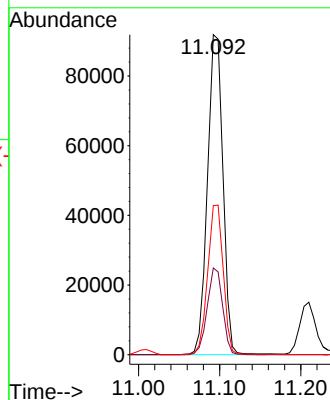
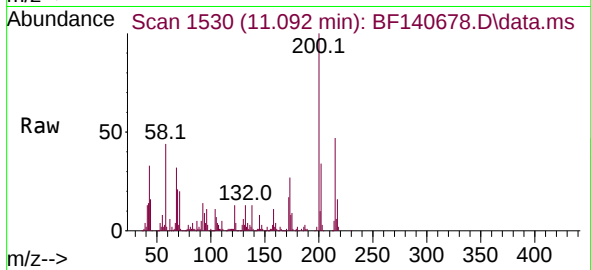
215 46.6 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#70

Pentachlorophenol

Concen: 91.823 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

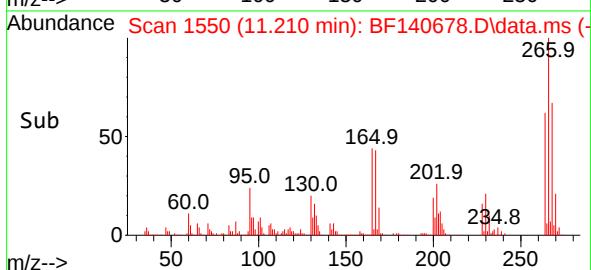
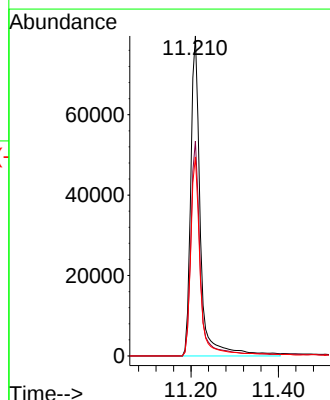
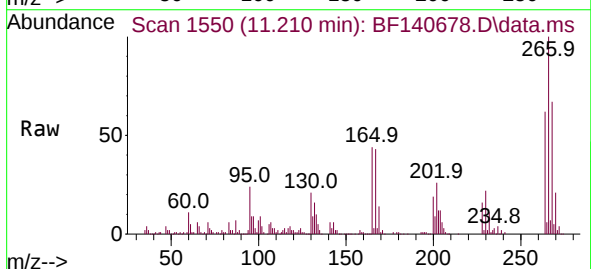
Tgt Ion:266 Resp: 122981

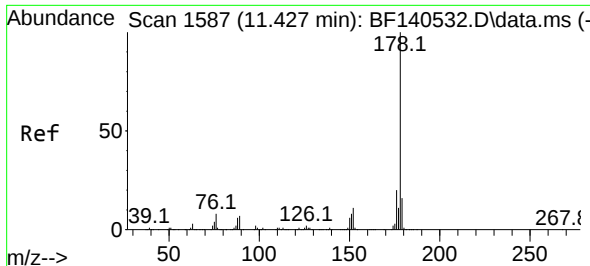
Ion Ratio Lower Upper

266 100

268 67.2 53.7 80.5

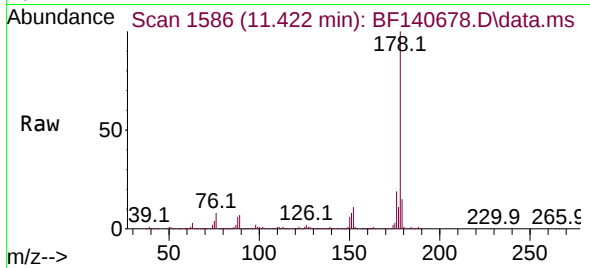
264 62.2 49.8 74.8





#71
Phenanthrene
Concen: 48.156 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

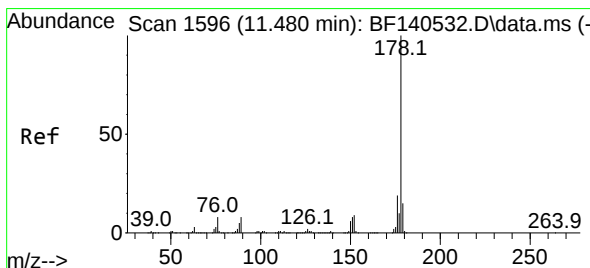
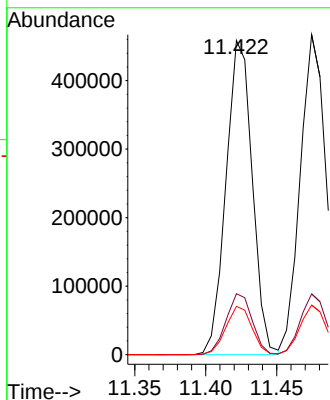
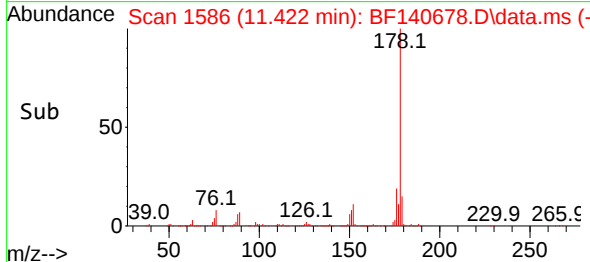
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:178 Resp: 590720
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.4 12.4 18.6

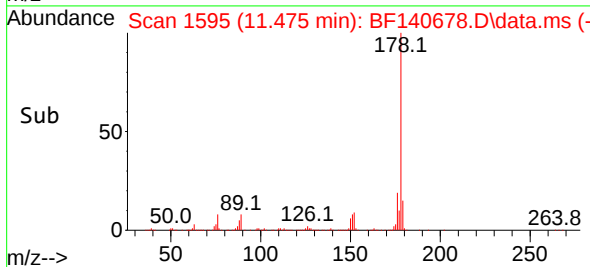
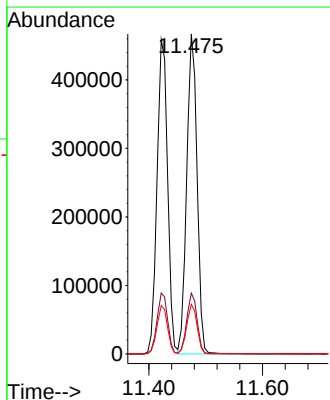
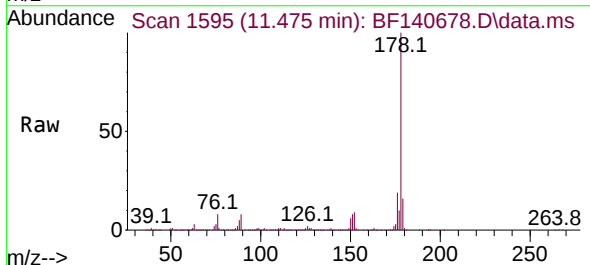
Manual Integrations
APPROVED

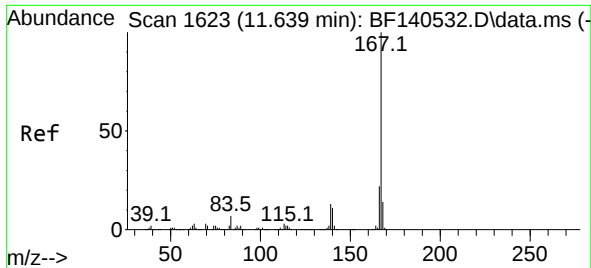
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#72
Anthracene
Concen: 49.119 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:178 Resp: 589395
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.5 12.2 18.4





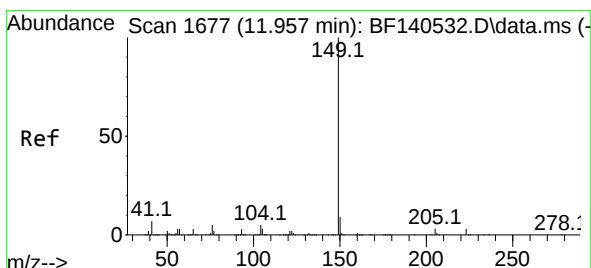
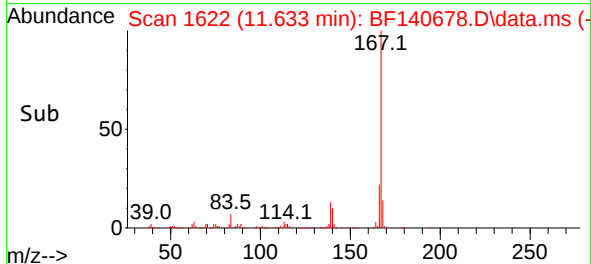
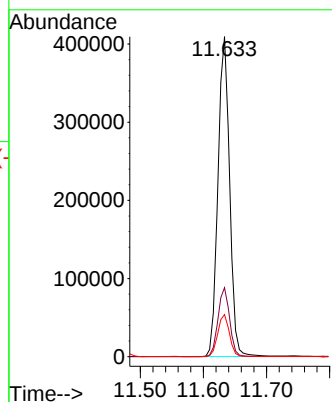
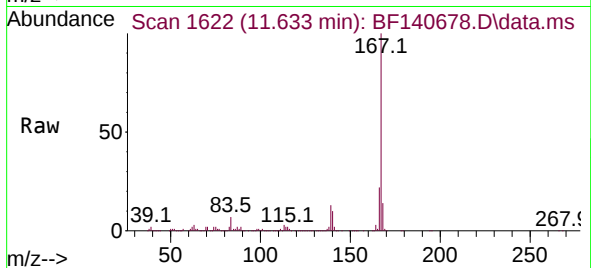
#73
Carbazole
Concen: 45.494 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion:167 Resp: 525152
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.2 10.6 15.8

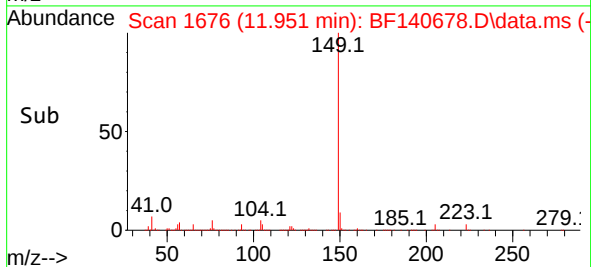
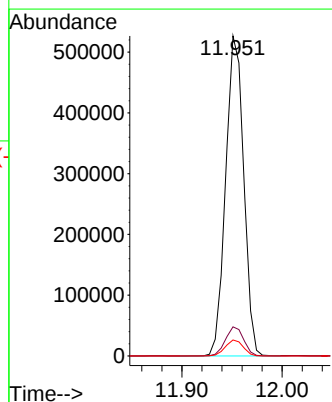
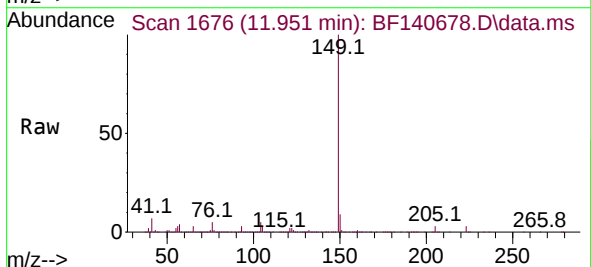
Manual Integrations
APPROVED

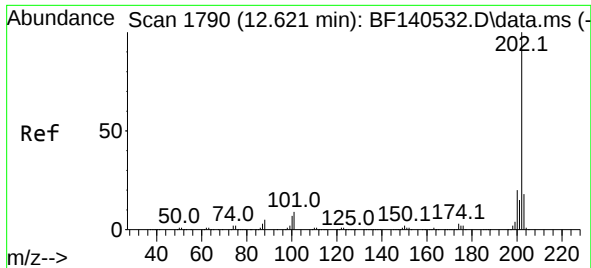
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#74
Di-n-butylphthalate
Concen: 49.380 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

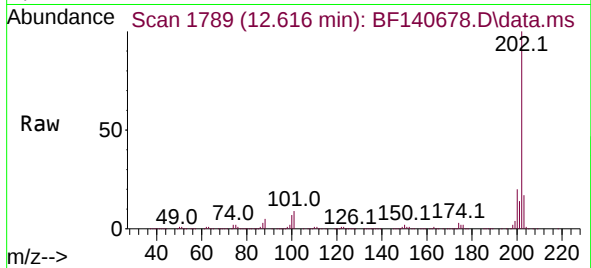
Tgt Ion:149 Resp: 658069
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 50.211 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

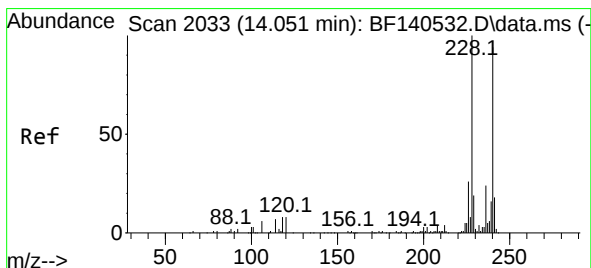
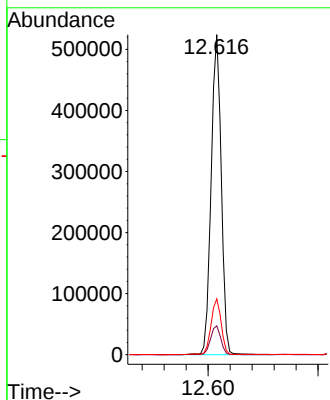
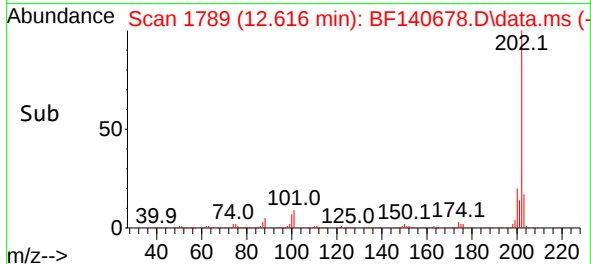
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:202 Resp: 668730
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.5 0.0 37.6

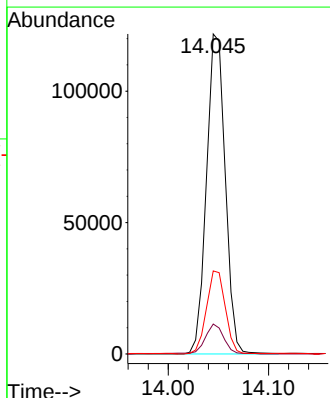
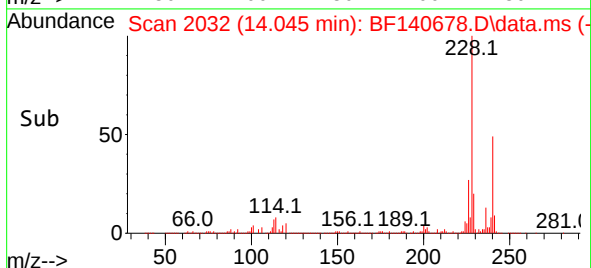
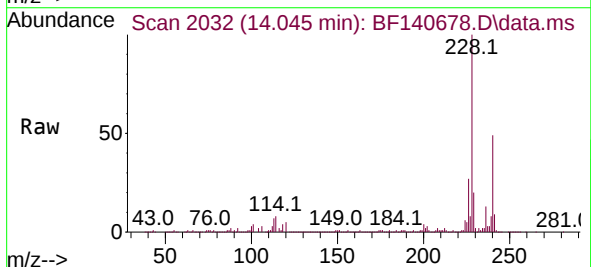
Manual Integrations
APPROVED

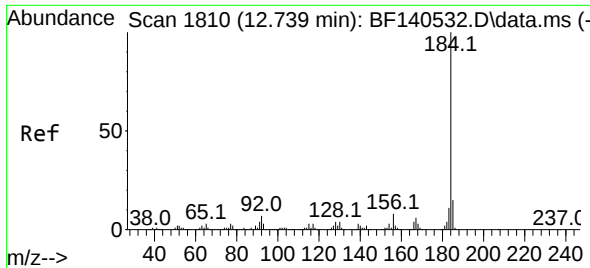
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

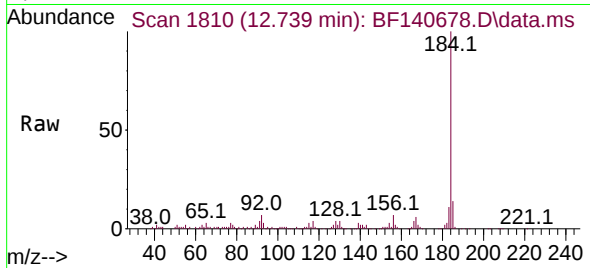
Tgt Ion:240 Resp: 158828
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 26.0 20.6 31.0





#77
Benzidine
Concen: 26.501 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

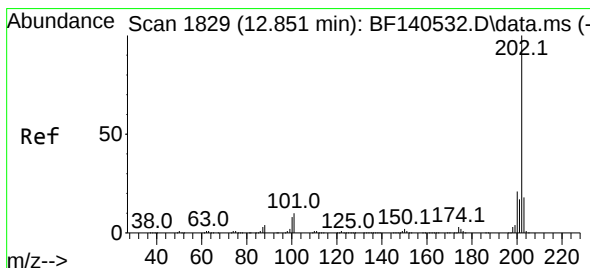
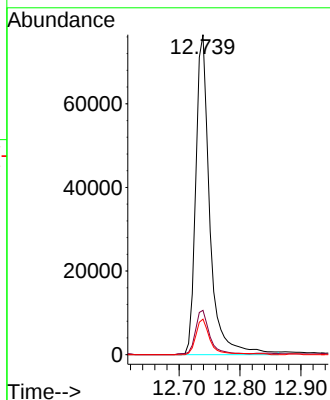
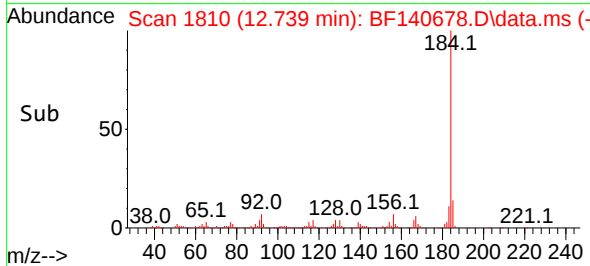
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:184 Resp: 122379
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 11.1 8.8 13.2

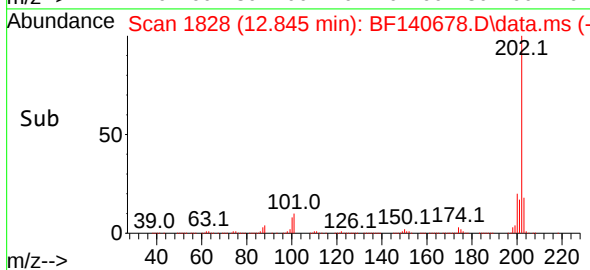
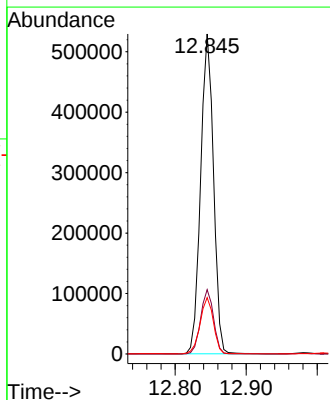
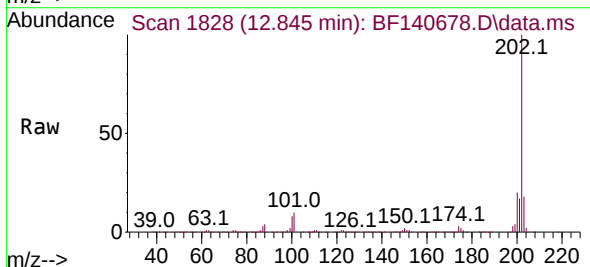
Manual Integrations
APPROVED

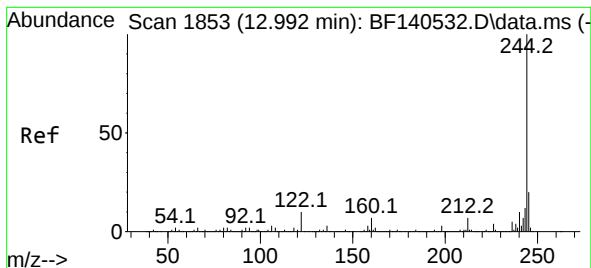
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#78
Pyrene
Concen: 45.506 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:202 Resp: 668279
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 68.571 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140678.D

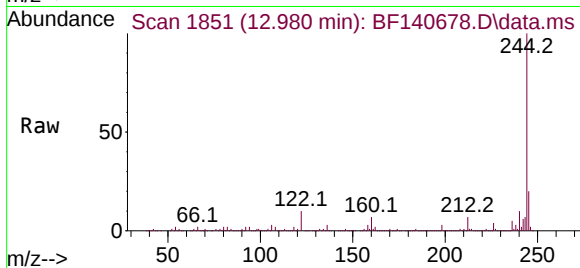
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD



Tgt Ion:244 Resp: 69943

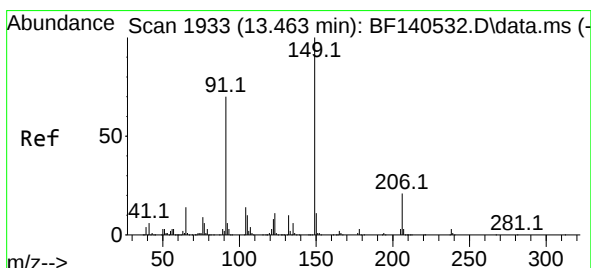
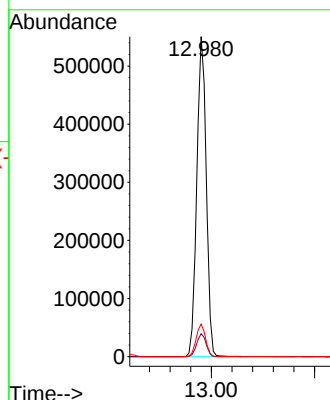
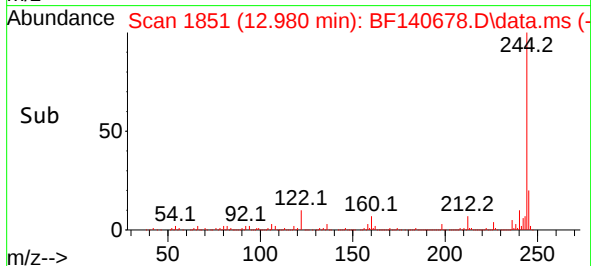
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.2	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#80

Butylbenzylphthalate

Concen: 49.076 ng

RT: 13.457 min Scan# 1932

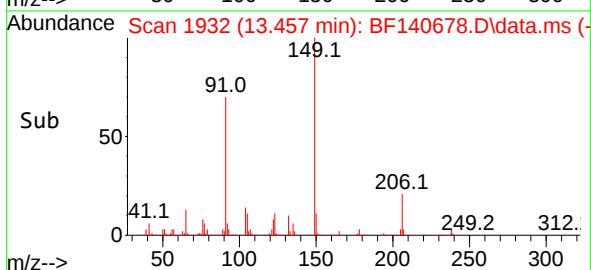
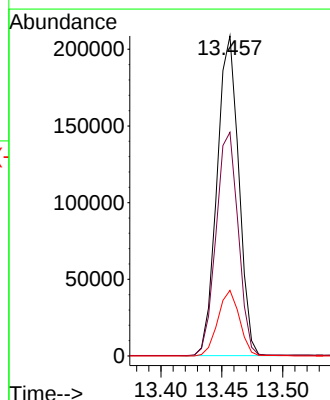
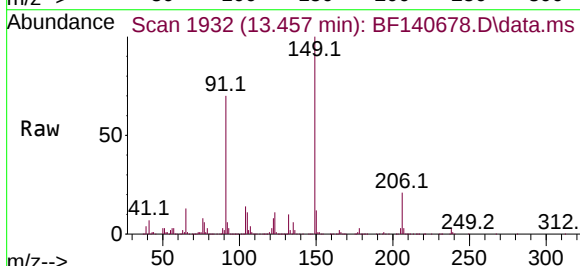
Delta R.T. -0.006 min

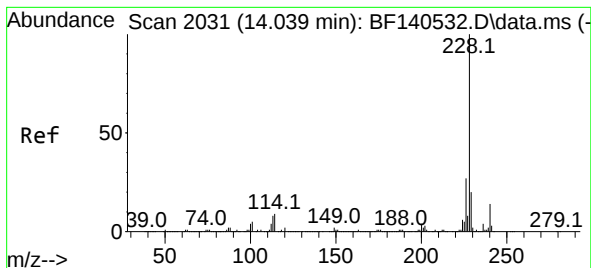
Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Tgt Ion:149 Resp: 259631

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.2	84.2
206	20.5	16.4	24.6





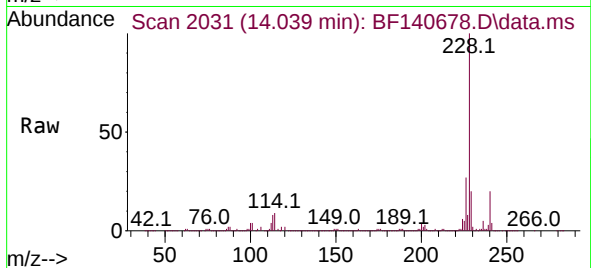
#81
Benzo(a)anthracene
Concen: 49.801 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD



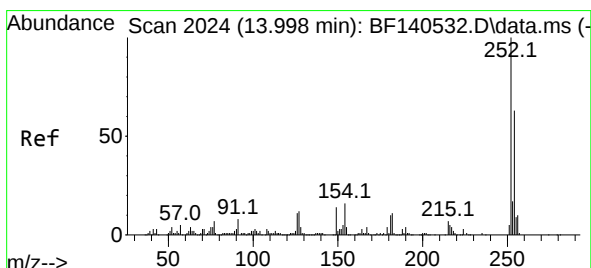
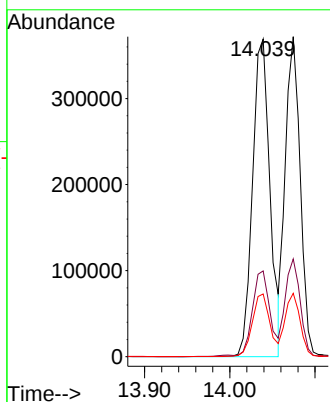
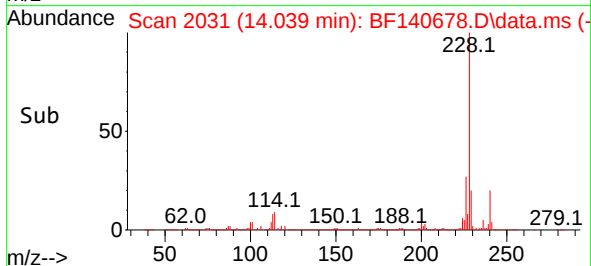
Tgt Ion:228 Resp: 52359
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

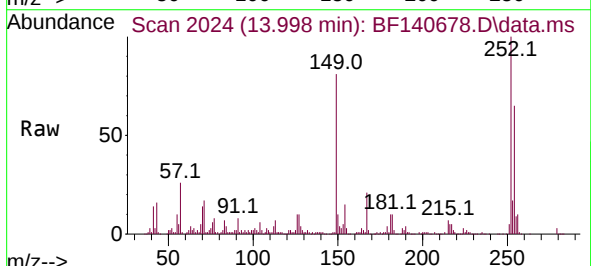
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

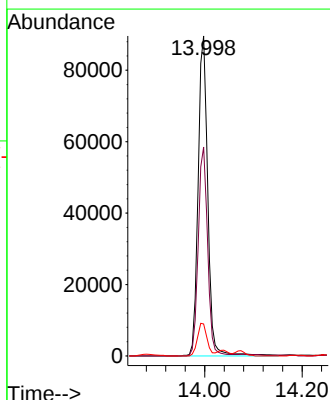
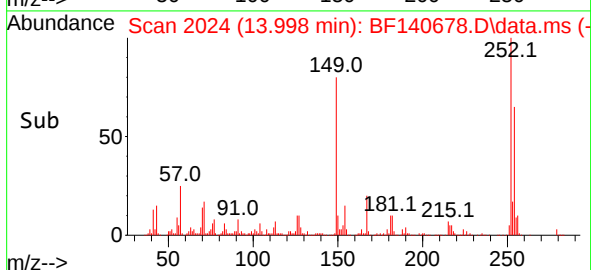
Supervised By :mohammad ahmed 11/29/2024

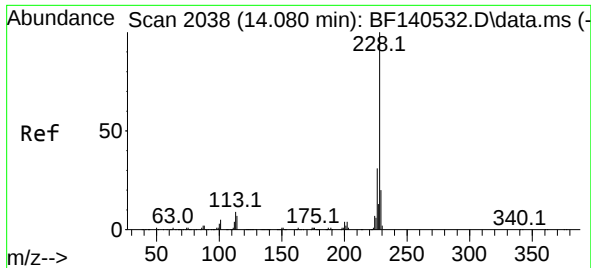


#82
3,3'-Dichlorobenzidine
Concen: 39.324 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50



Tgt Ion:252 Resp: 124133
Ion Ratio Lower Upper
252 100
254 65.3 50.8 76.2
126 10.0 8.6 13.0





#83
Chrysene
Concen: 46.828 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

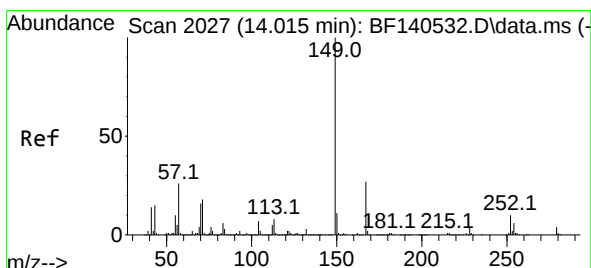
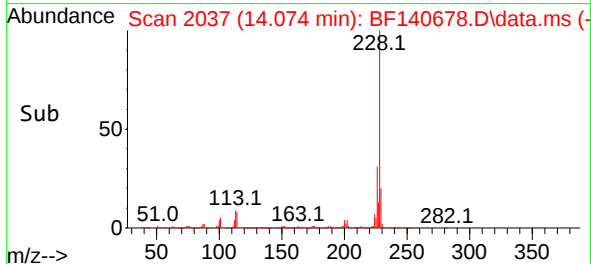
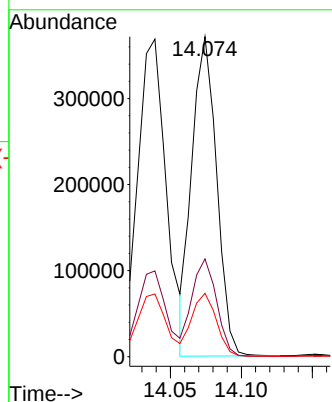
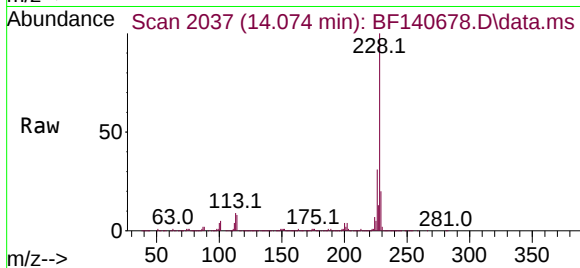
STOCK-PILEMSD

Tgt Ion:228 Resp: 450188
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.8 15.8 23.6

Manual Integrations

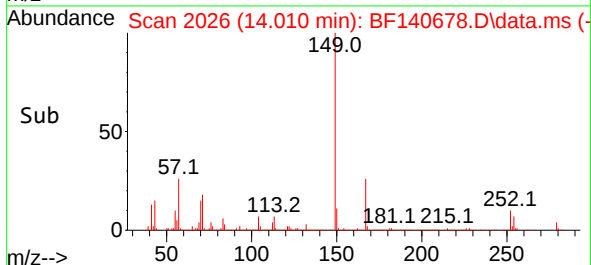
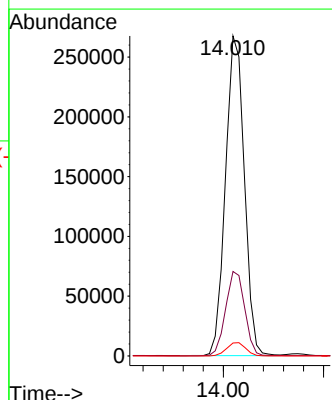
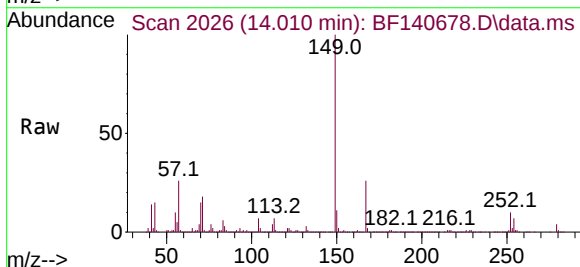
APPROVED

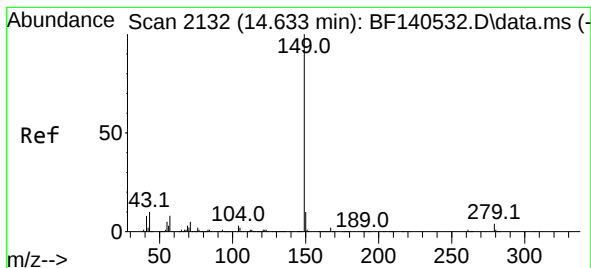
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.267 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:149 Resp: 349154
Ion Ratio Lower Upper
149 100
167 26.4 21.2 31.8
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 55.627 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

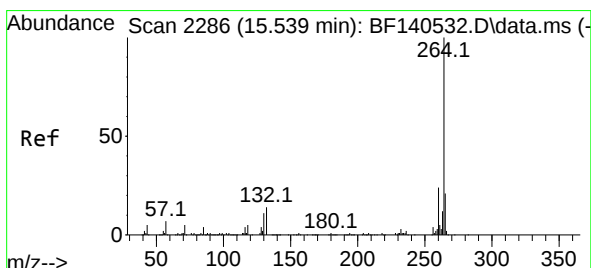
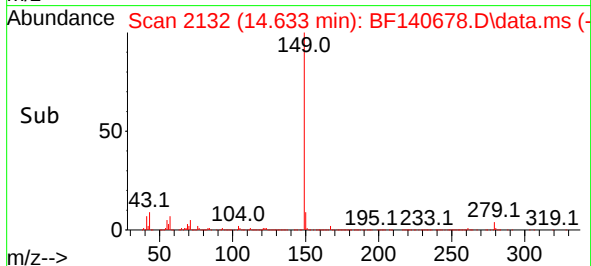
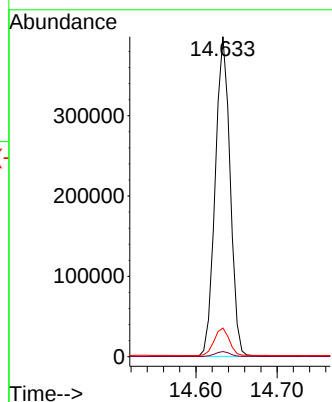
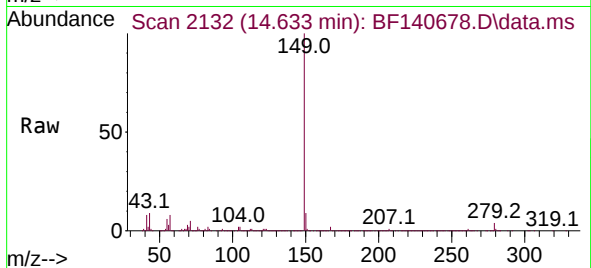
STOCK-PILEMSD

Tgt Ion:149 Resp: 507840
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.7 11.5

Manual Integrations

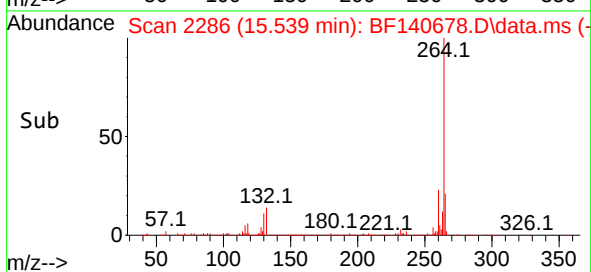
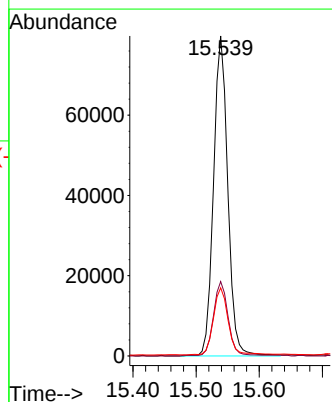
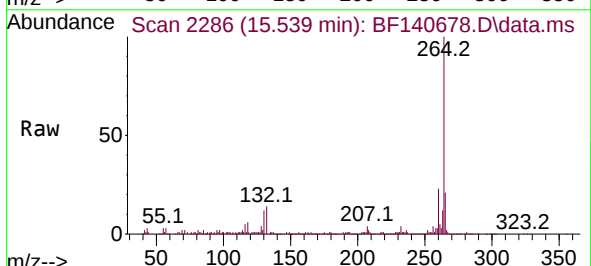
APPROVED

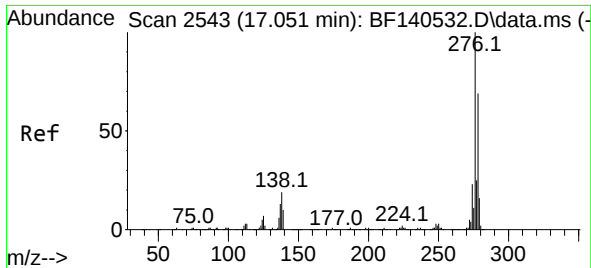
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:264 Resp: 124917
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.3 16.6 25.0





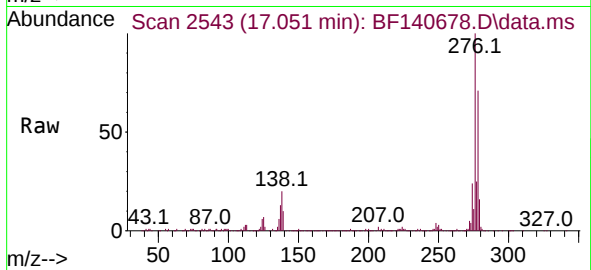
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.604 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

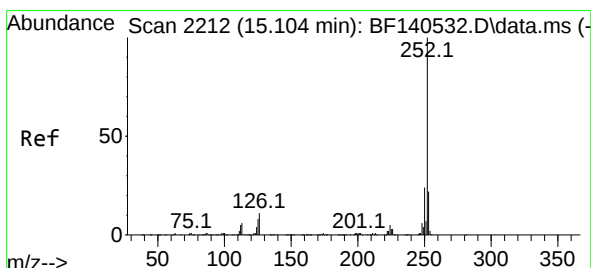
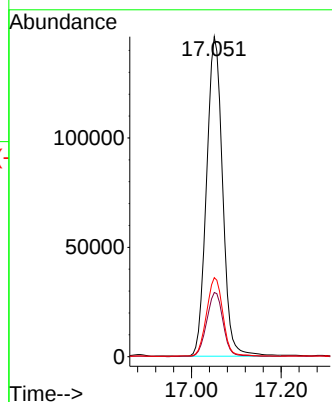
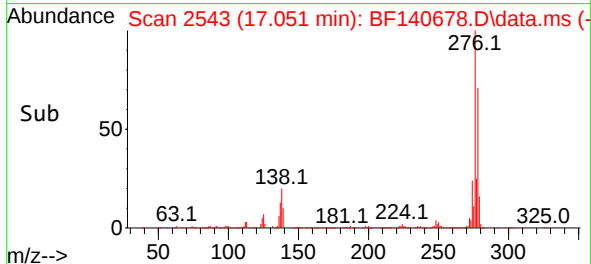


Tgt Ion:276 Resp: 363109
Ion Ratio Lower Upper
276 100
138 20.8 15.5 23.3
277 25.1 20.1 30.1

Manual Integrations

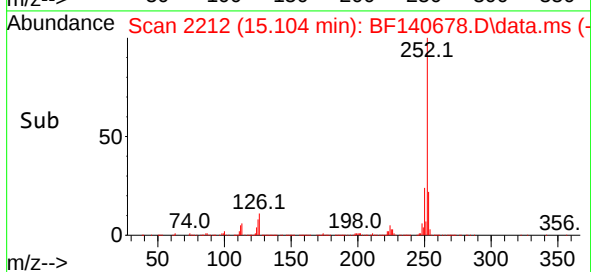
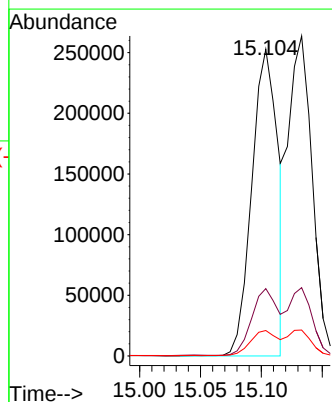
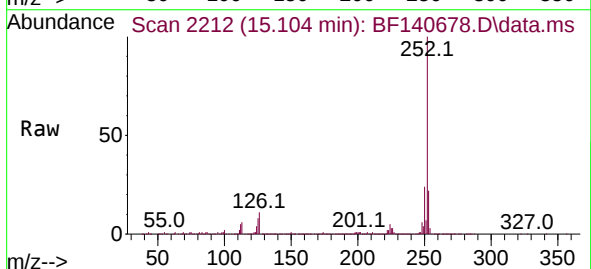
APPROVED

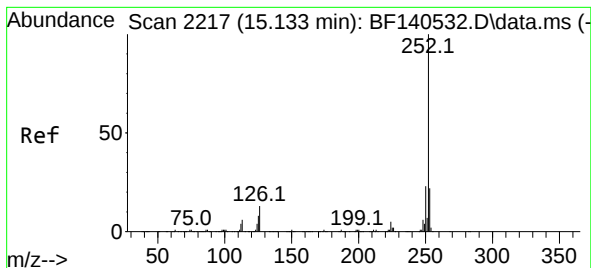
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#88
Benzo(b)fluoranthene
Concen: 47.897 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:252 Resp: 375811
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.3 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 51.838 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion:252 Resp: 35592

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

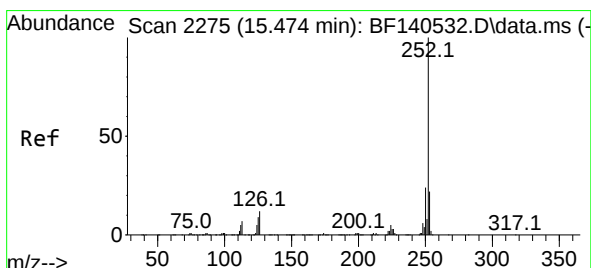
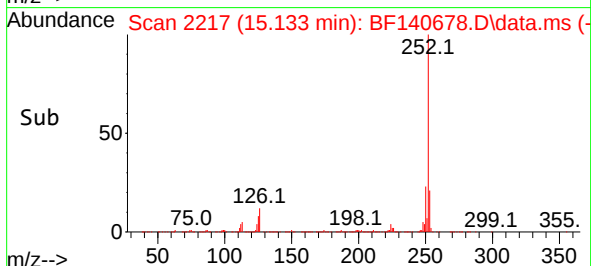
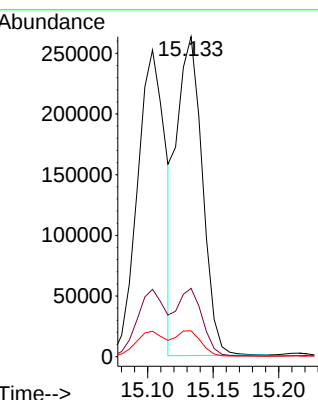
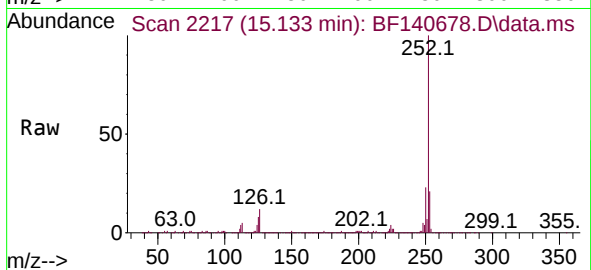
125 8.1 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#90

Benzo(a)pyrene

Concen: 51.841 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF140678.D

Acq: 27 Nov 2024 18:50

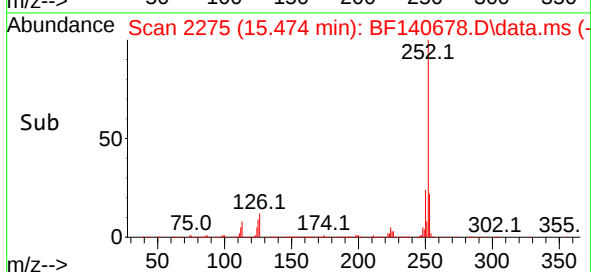
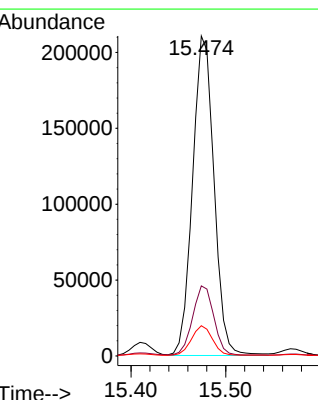
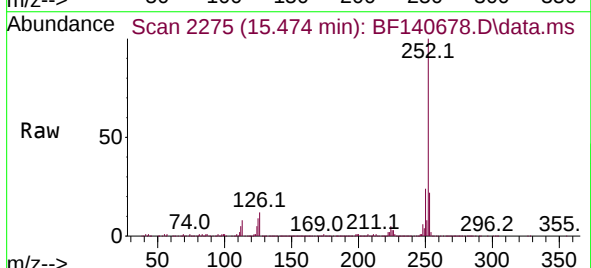
Tgt Ion:252 Resp: 330722

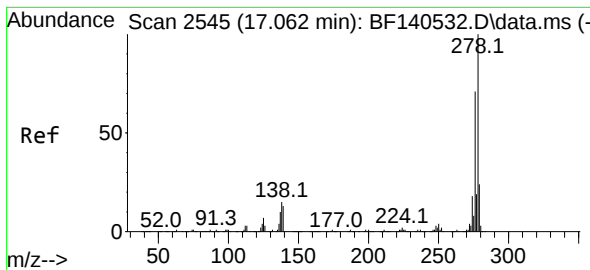
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.4 7.0 10.6





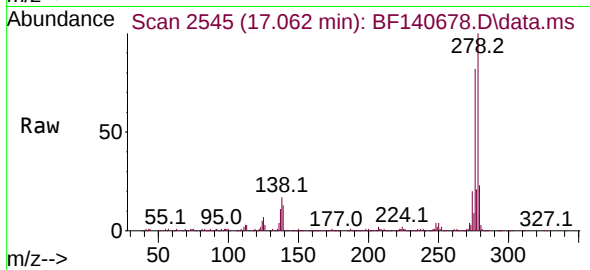
#91
Dibenzo(a,h)anthracene
Concen: 44.722 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD



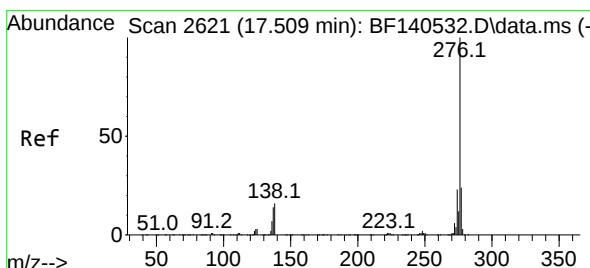
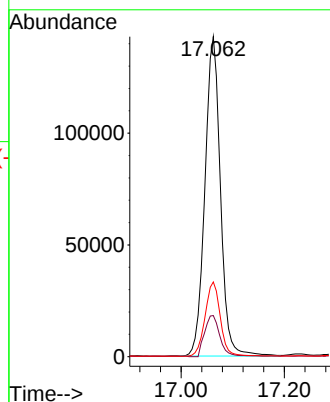
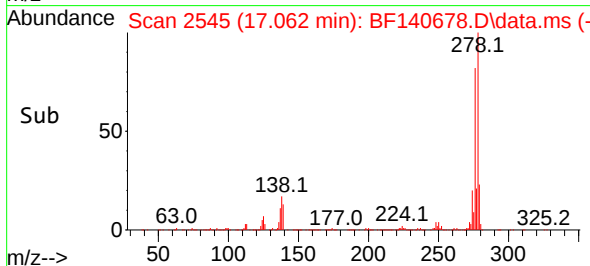
Tgt Ion:278 Resp: 29815
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#92
Benzo(g,h,i)perylene
Concen: 40.351 ng
RT: 17.504 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140678.D
Acq: 27 Nov 2024 18:50

Tgt Ion:276 Resp: 274518
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 17.6 13.2 19.8

