

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140832.D
 Acq On : 11 Dec 2024 16:35
 Operator : RC/JU
 Sample : P5239-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 17:58:30 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	6.857	152	77848	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	289459	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	159488	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	299599	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	152267	20.000	ng	0.00
86) Perylene-d12	15.557	264	165688	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	459056	100.612	ng	0.00
7) Phenol-d6	6.510	99	605245	100.341	ng	0.00
23) Nitrobenzene-d5	7.428	82	388242	68.606	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	185735	108.889	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	719165	67.185	ng	-0.02
79) Terphenyl-d14	12.974	244	676256	69.156	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	76564	39.912	ng	100
3) Pyridine	3.481	79	193494	45.843	ng	98
4) n-Nitrosodimethylamine	3.416	42	100792	40.630	ng	93
6) Aniline	6.528	93	242333	57.079	ng	# 69
8) 2-Chlorophenol	6.657	128	259718	52.910	ng	96
9) Benzaldehyde	6.422	77	69859	21.877	ng	99
10) Phenol	6.528	94	327846	53.221	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	248348	52.685	ng	98
12) 1,3-Dichlorobenzene	6.798	146	277312	50.277	ng	99
13) 1,4-Dichlorobenzene	6.875	146	281322	50.373	ng	99
14) 1,2-Dichlorobenzene	7.028	146	265462	50.727	ng	100
15) Benzyl Alcohol	7.010	79	235212	52.582	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	300524	53.965	ng	69
17) 2-Methylphenol	7.128	107	199888	50.870	ng	94
18) Hexachloroethane	7.369	117	105952	50.796	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	184227	51.679	ng	97
20) 3+4-Methylphenols	7.287	107	267217	52.908	ng	# 71
22) Acetophenone	7.275	105	357987	50.729	ng	95
24) Nitrobenzene	7.445	77	280014	47.876	ng	98
25) Isophorone	7.686	82	495725	52.520	ng	100
26) 2-Nitrophenol	7.763	139	137642	53.105	ng	98
27) 2,4-Dimethylphenol	7.804	122	207508m	66.913	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	305280	53.091	ng	99
29) 2,4-Dichlorophenol	8.016	162	220303	53.611	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	228419	48.684	ng	99
31) Naphthalene	8.163	128	760012	50.974	ng	99
32) Benzoic acid	7.951	122	151868	55.035	ng	97
33) 4-Chloroaniline	8.222	127	112962	25.305	ng	97
34) Hexachlorobutadiene	8.275	225	155024	49.884	ng	99
35) Caprolactam	8.604	113	68333m	53.734	ng	
36) 4-Chloro-3-methylphenol	8.716	107	241645	52.522	ng	99
37) 2-Methylnaphthalene	8.857	142	499115	52.705	ng	99
38) 1-Methylnaphthalene	8.957	142	463898	49.976	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	247318	52.970	ng	99
41) Hexachlorocyclopentadiene	9.004	237	115764	107.543	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	150899	51.506	ng	99

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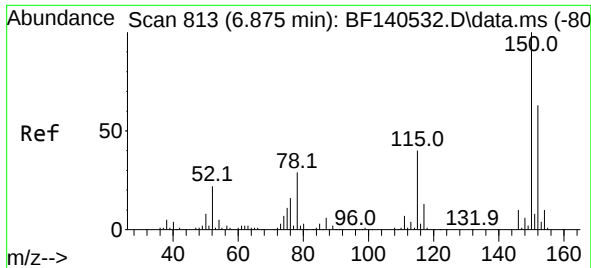
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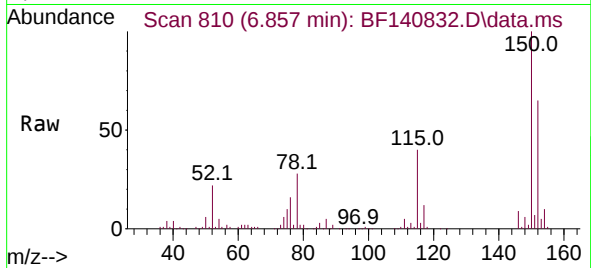
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	160314	50.419	ng	98
46) 1,1'-Biphenyl	9.316	154	628468	52.779	ng	99
47) 2-Chloronaphthalene	9.345	162	467494	51.814	ng	99
48) 2-Nitroaniline	9.451	65	151478	52.305	ng	97
49) Acenaphthylene	9.763	152	751587	55.132	ng	100
50) Dimethylphthalate	9.622	163	570764	54.339	ng	100
51) 2,6-Dinitrotoluene	9.692	165	121690	51.083	ng	95
52) Acenaphthene	9.933	154	456458	52.697	ng	99
53) 3-Nitroaniline	9.869	138	87967	37.756	ng	95
54) 2,4-Dinitrophenol	9.986	184	115818	92.517	ng	94
55) Dibenzofuran	10.110	168	694582	52.571	ng	100
56) 4-Nitrophenol	10.057	139	120945	76.114	ng	95
57) 2,4-Dinitrotoluene	10.104	165	164778	52.046	ng	# 92
58) Fluorene	10.451	166	563148	53.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	145714	59.629	ng	93
60) Diethylphthalate	10.322	149	579868	54.335	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	281712	54.128	ng	97
62) 4-Nitroaniline	10.486	138	128317	52.511	ng	94
63) Azobenzene	10.598	77	605091	59.872	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	91807	59.967	ng	96
66) n-Nitrosodiphenylamine	10.563	169	485043	54.746	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	169445	54.918	ng	98
68) Hexachlorobenzene	11.004	284	185769	51.998	ng	98
69) Atrazine	11.092	200	163460	65.582	ng	98
70) Pentachlorophenol	11.210	266	140690	89.475	ng	99
71) Phenanthrene	11.416	178	777534	53.990	ng	99
72) Anthracene	11.469	178	802033	56.933	ng	100
73) Carbazole	11.627	167	710044	52.394	ng	100
74) Di-n-butylphthalate	11.945	149	895737	57.251	ng	99
75) Fluoranthene	12.610	202	774674	49.543	ng	100
77) Benzidine	12.733	184	232924	52.613	ng	99
78) Pyrene	12.839	202	772355	54.859	ng	99
80) Butylbenzylphthalate	13.451	149	290758	57.328	ng	99
81) Benzo(a)anthracene	14.039	228	548141	54.382	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	111316	36.784	ng	98
83) Chrysene	14.074	228	504357	54.723	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	368370	57.520	ng	98
85) Di-n-octyl phthalate	14.645	149	537680	61.434	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	626910	58.060	ng	98
88) Benzo(b)fluoranthene	15.121	252	516903	49.668	ng	99
89) Benzo(k)fluoranthene	15.151	252	479699	52.673	ng	100
90) Benzo(a)pyrene	15.498	252	486858	57.536	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	510257	57.702	ng	99
92) Benzo(g,h,i)perylene	17.539	276	404945	44.876	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

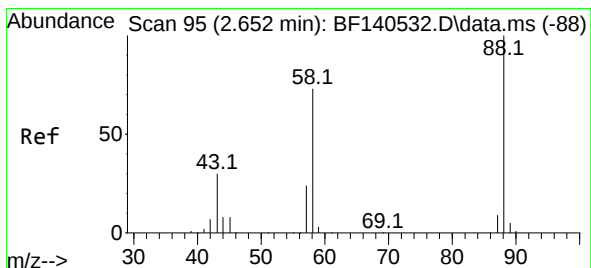
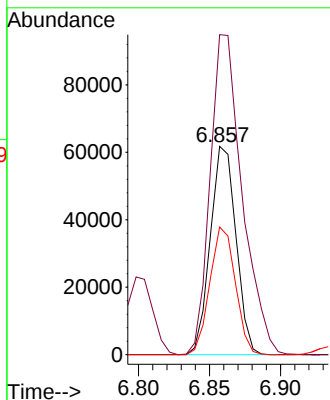
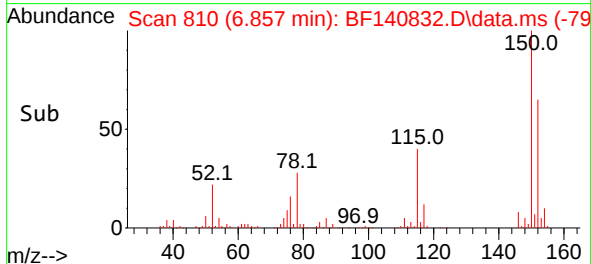
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:152 Resp: 7784
Ion Ratio Lower Upper
152 100
150 153.6 128.5 192.7
115 61.3 50.2 75.4

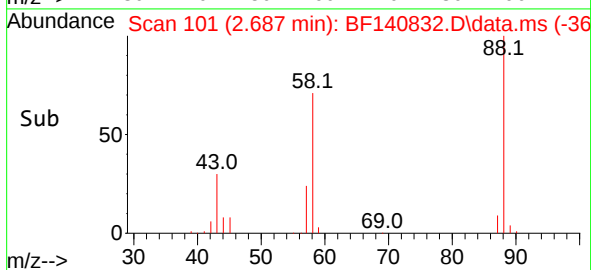
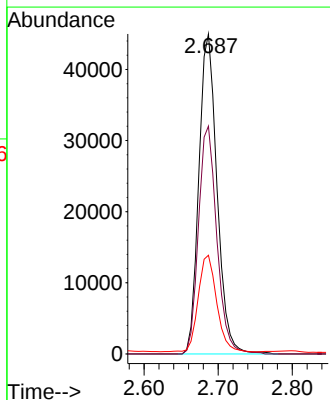
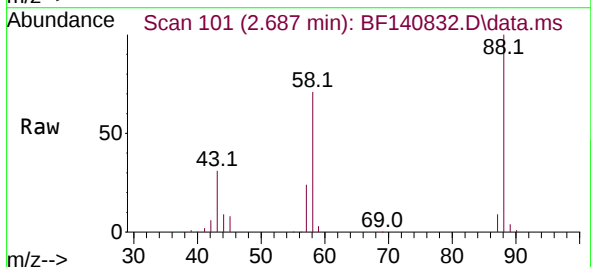
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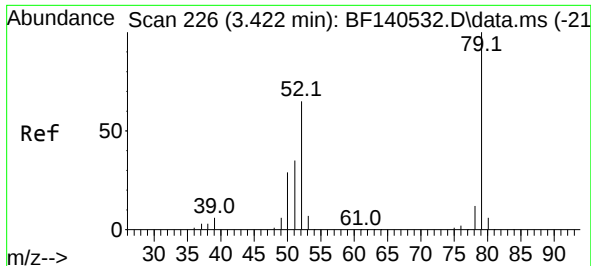
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 39.912 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.035 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion: 88 Resp: 76564
Ion Ratio Lower Upper
88 100
58 71.8 57.4 86.2
43 31.0 24.3 36.5





#3

Pyridine

Concen: 45.843 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 79 Resp: 193494

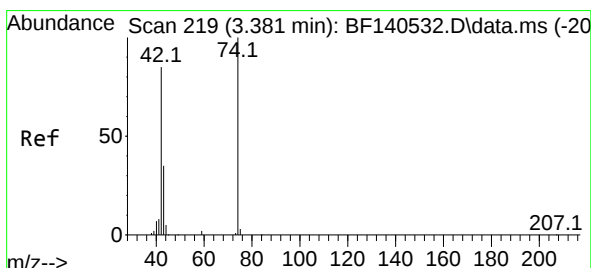
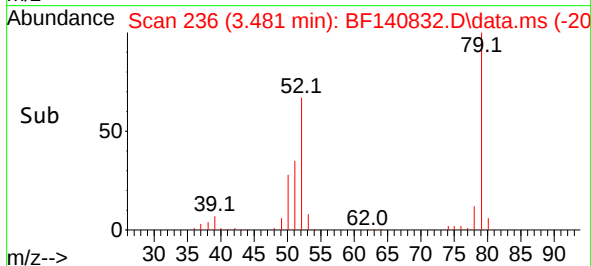
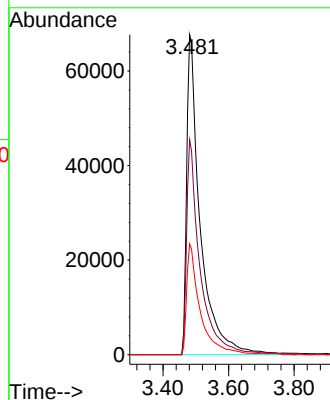
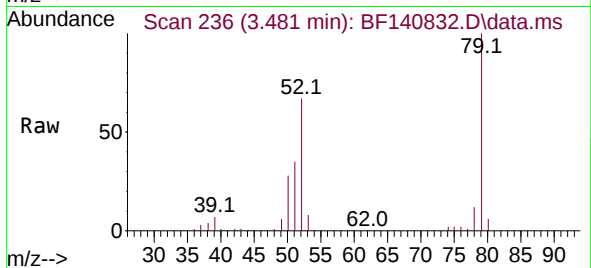
Ion	Ratio	Lower	Upper
79	100		
52	67.2	52.1	78.1
51	34.6	27.8	41.8

Manual Integrations

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Supervised By :mohammad ahmed 12/12/2024



#4

n-Nitrosodimethylamine

Concen: 40.630 ng

RT: 3.416 min Scan# 225

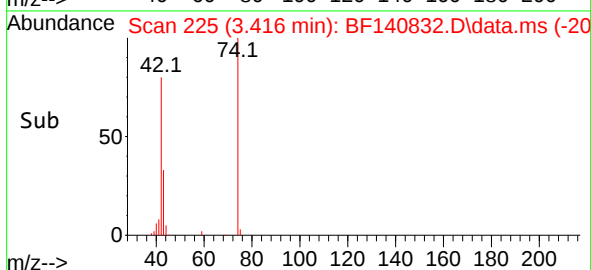
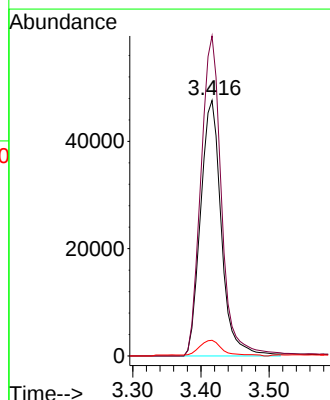
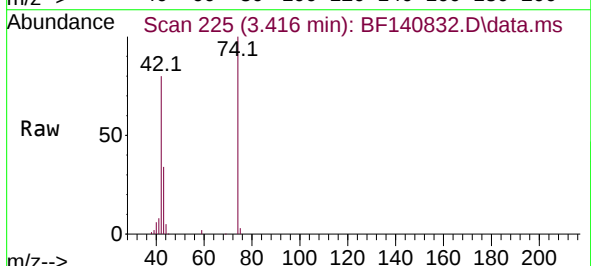
Delta R.T. 0.035 min

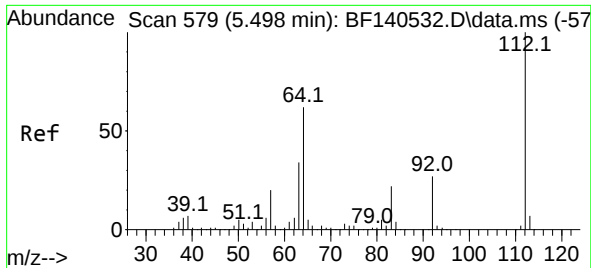
Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Tgt Ion: 42 Resp: 100792

Ion	Ratio	Lower	Upper
42	100		
74	125.2	93.8	140.6
44	6.1	4.6	6.8





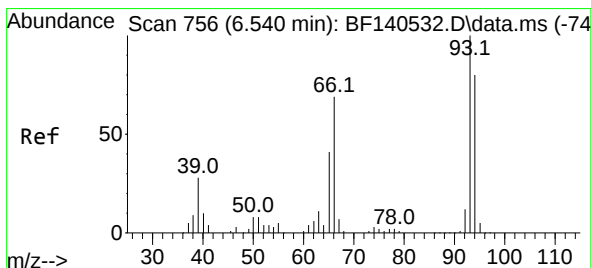
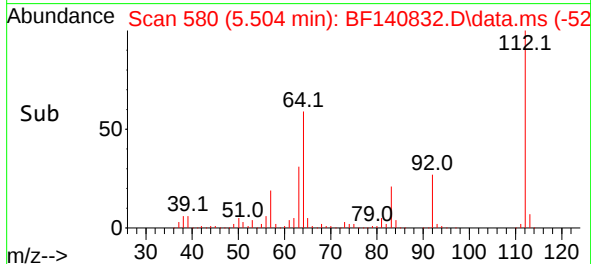
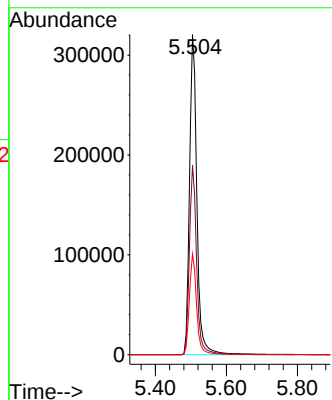
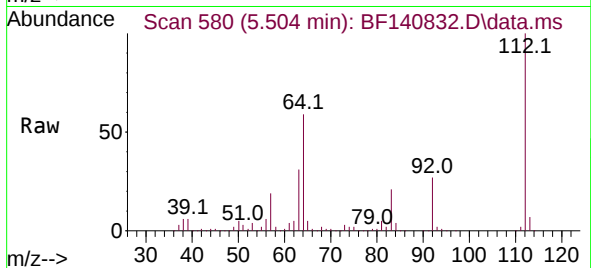
#5
2-Fluorophenol
Concen: 100.612 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:112 Resp: 459050
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 31.4 27.0 40.4

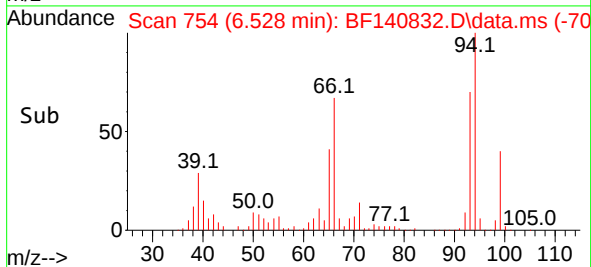
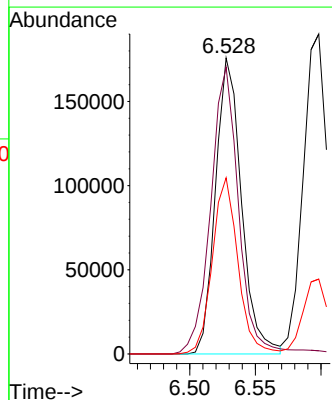
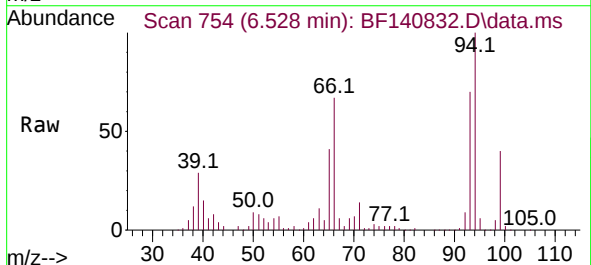
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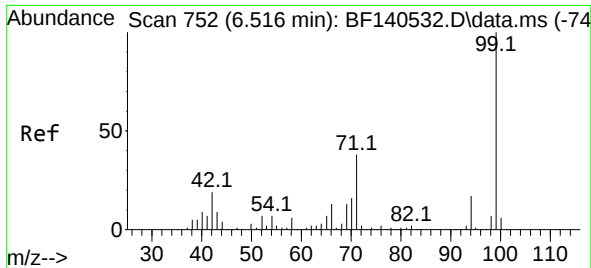
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 57.079 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion: 93 Resp: 242333
Ion Ratio Lower Upper
93 100
66 96.9 56.5 84.7#
65 59.5 32.9 49.3#





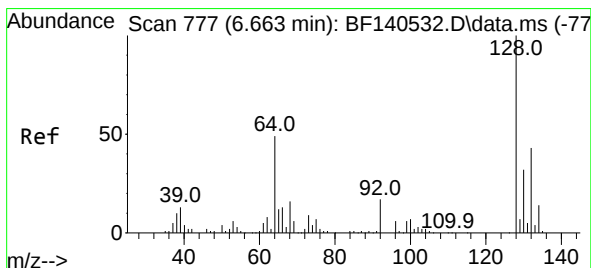
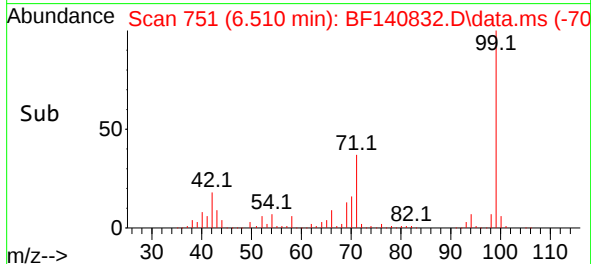
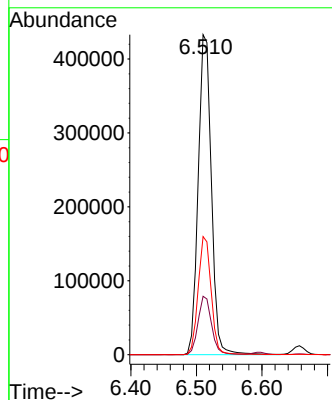
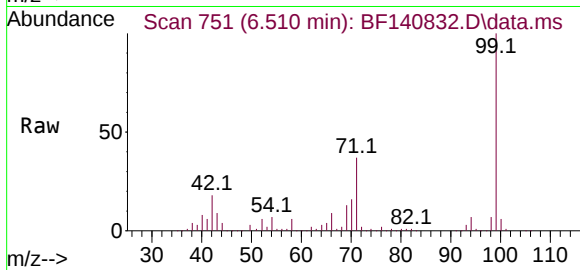
#7
Phenol-d6
Concen: 100.341 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
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Tgt Ion: 99 Resp: 60524
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 36.9 30.6 46.0

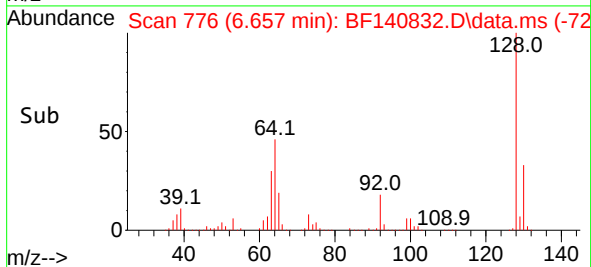
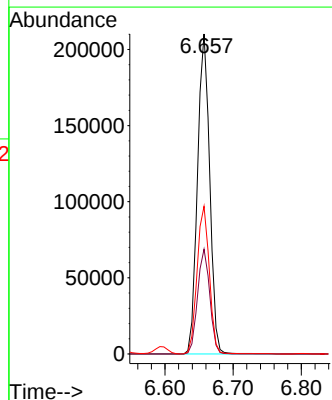
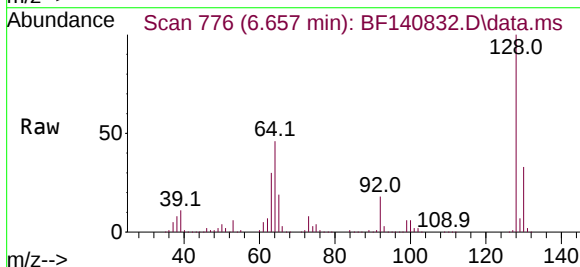
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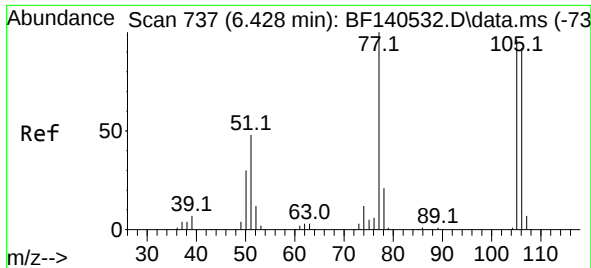
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#8
2-Chlorophenol
Concen: 52.910 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:128 Resp: 259718
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 46.1 30.2 70.2





#9

Benzaldehyde

Concen: 21.877 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

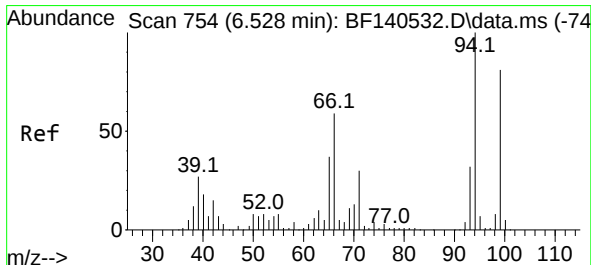
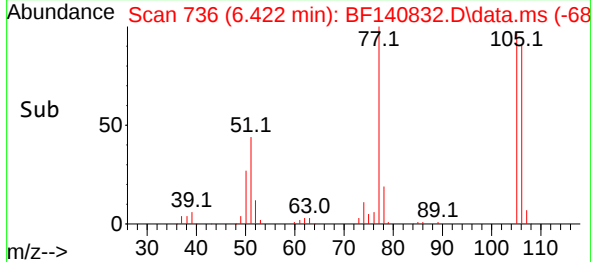
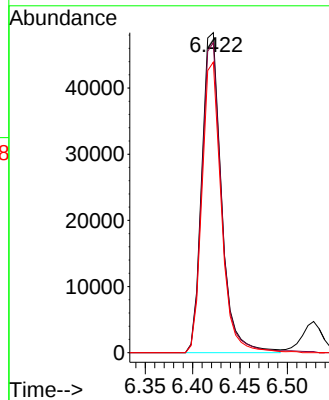
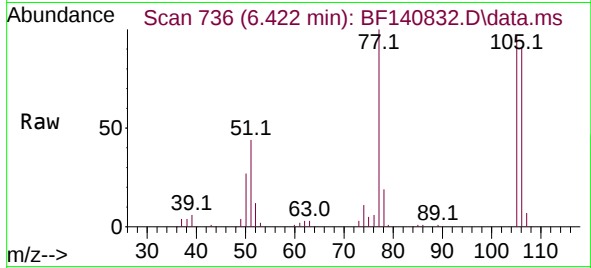
Tgt Ion: 77	Resp: 6985
Ion Ratio	Lower Upper
77 100	
105 96.9	75.6 115.6
106 90.8	72.0 112.0

Manual Integrations

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Supervised By :mohammad ahmed 12/12/2024



#10

Phenol

Concen: 53.221 ng

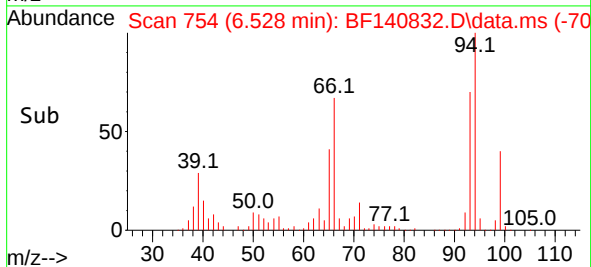
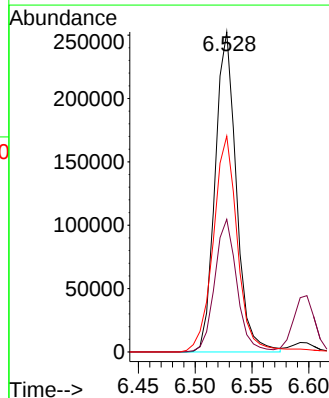
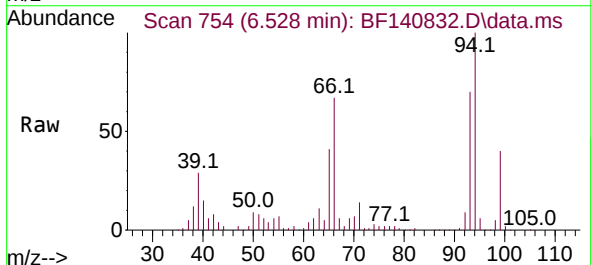
RT: 6.528 min Scan# 754

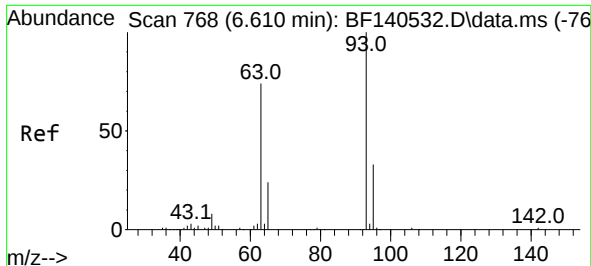
Delta R.T. -0.000 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Tgt Ion: 94	Resp: 327846
Ion Ratio	Lower Upper
94 100	
65 41.5	17.2 57.2
66 67.5	39.2 79.2





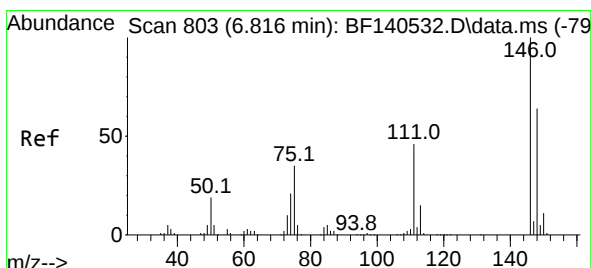
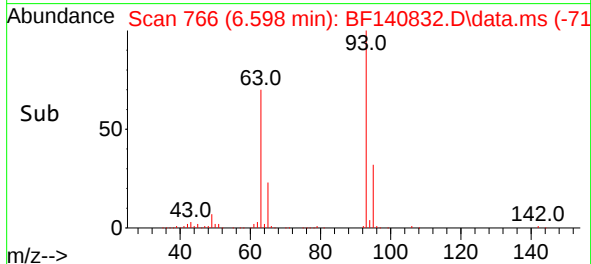
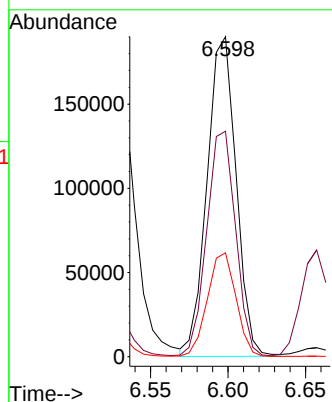
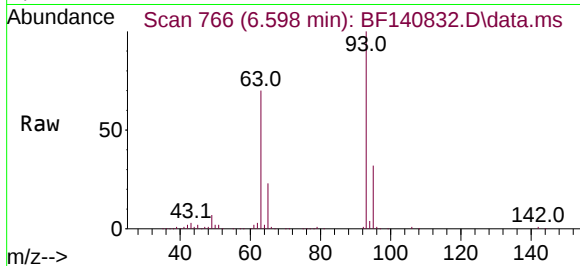
#11
bis(2-Chloroethyl)ether
Concen: 52.685 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 93 Resp: 24834
Ion Ratio Lower Upper
93 100
63 70.5 52.8 92.8
95 32.5 12.3 52.3

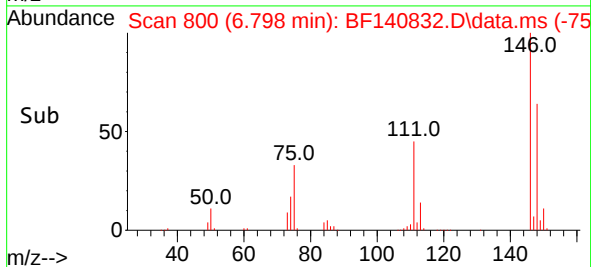
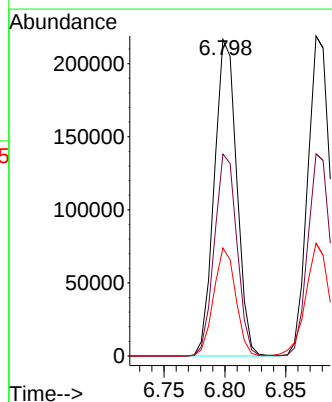
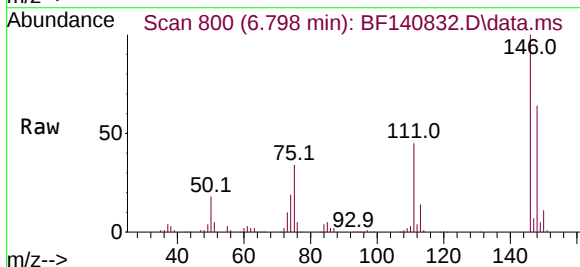
Manual Integrations
APPROVED

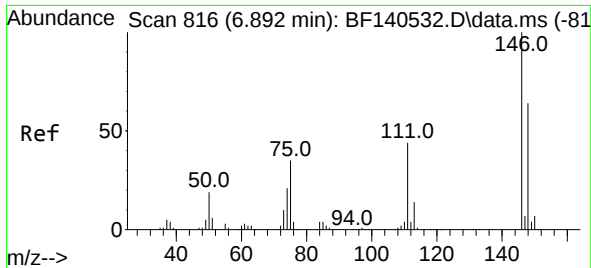
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 50.277 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:146 Resp: 277312
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 34.1 28.2 42.2





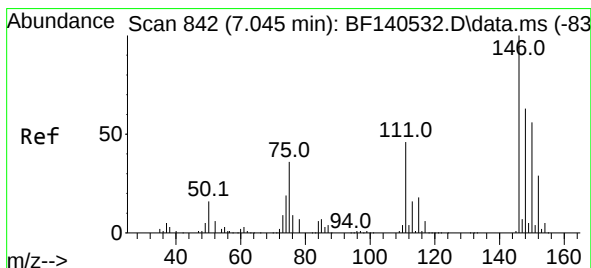
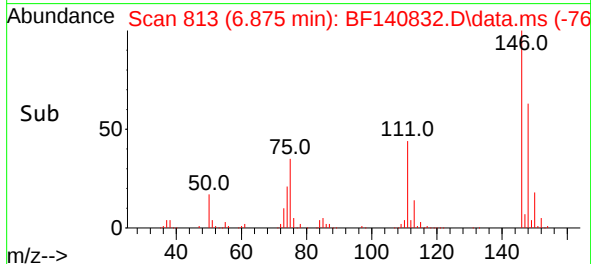
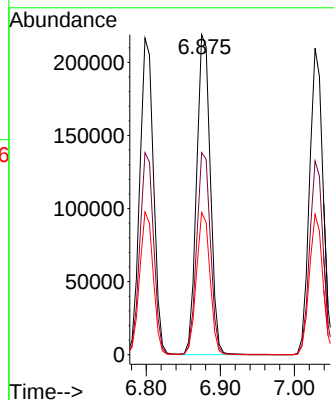
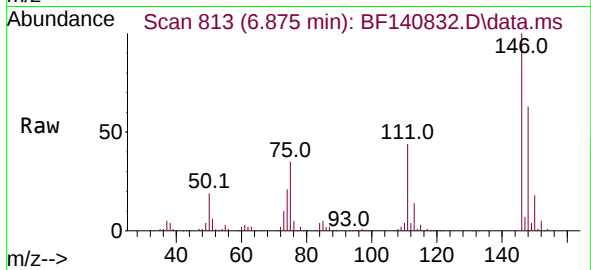
#13
1,4-Dichlorobenzene
Concen: 50.373 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:146 Resp: 28132
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 44.4 35.3 52.9

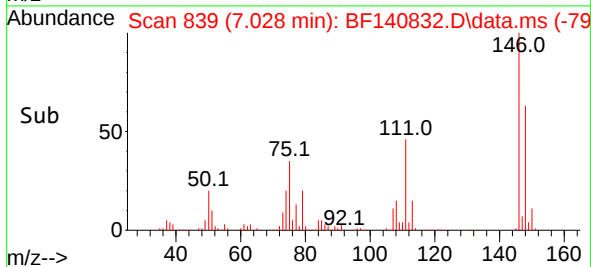
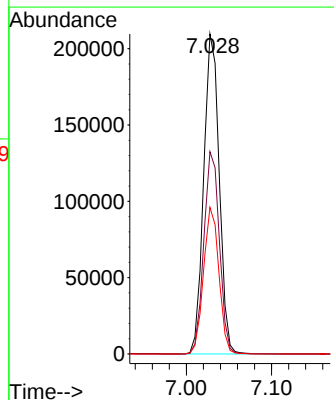
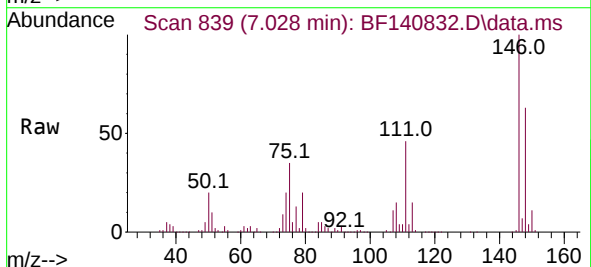
Manual Integrations
APPROVED

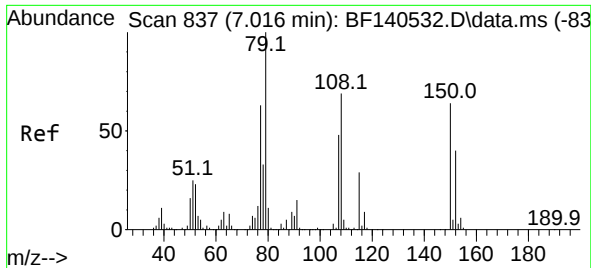
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#14
1,2-Dichlorobenzene
Concen: 50.727 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:146 Resp: 265462
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
111 45.8 36.7 55.1





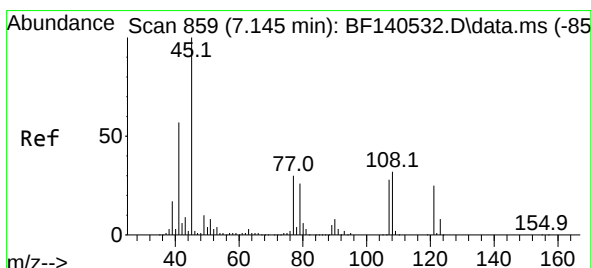
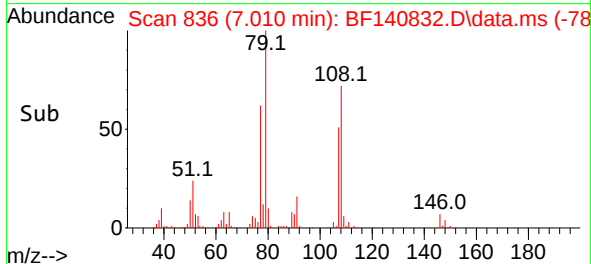
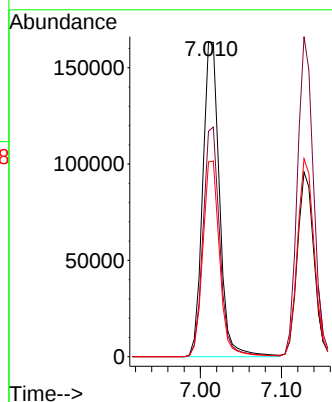
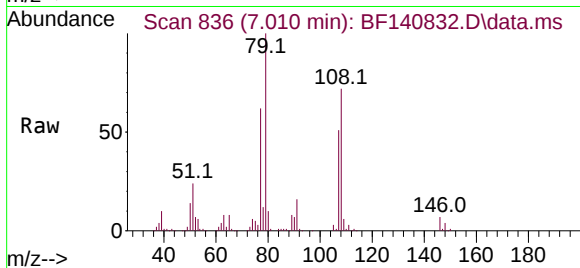
#15
Benzyl Alcohol
Concen: 52.582 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 79 Resp: 23521
Ion Ratio Lower Upper
79 100
108 71.7 55.0 82.6
77 61.9 50.1 75.1

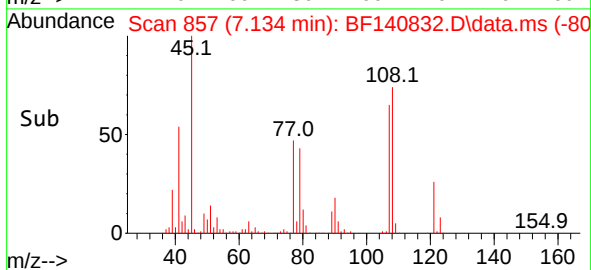
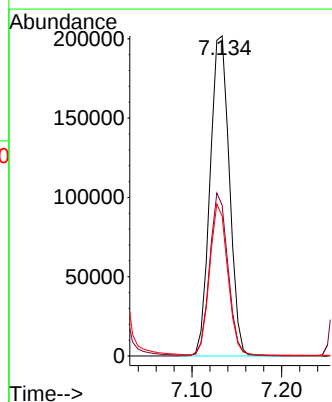
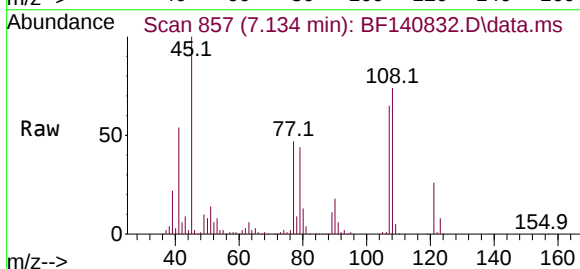
Manual Integrations
APPROVED

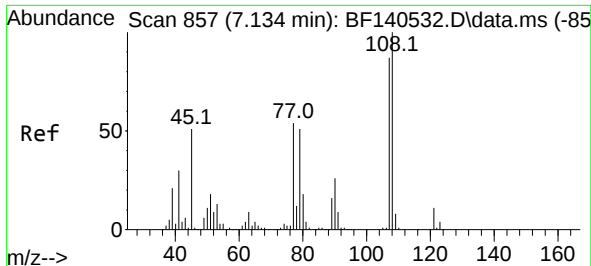
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.965 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

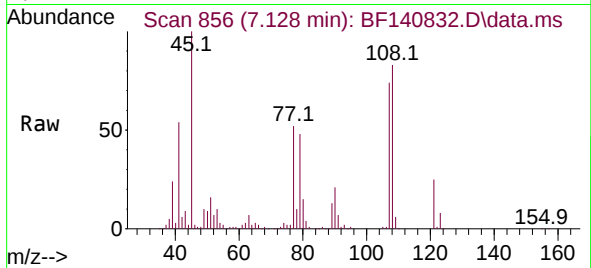
Tgt Ion: 45 Resp: 300524
Ion Ratio Lower Upper
45 100
77 47.2 10.7 50.7
79 43.7 7.0 47.0





#17
2-Methylphenol
Concen: 50.870 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

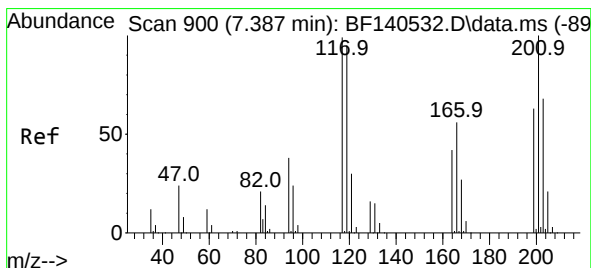
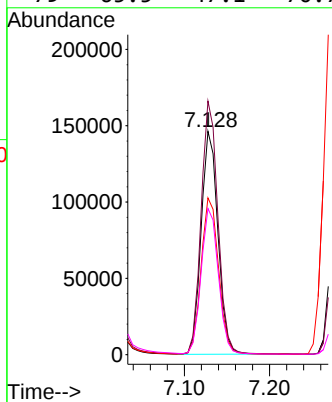
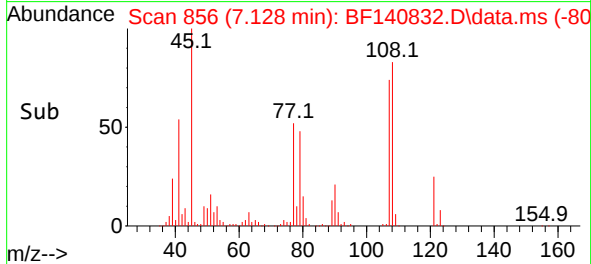
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:107 Resp: 19988
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 70.2 49.3 73.9
79 65.5 47.1 70.7

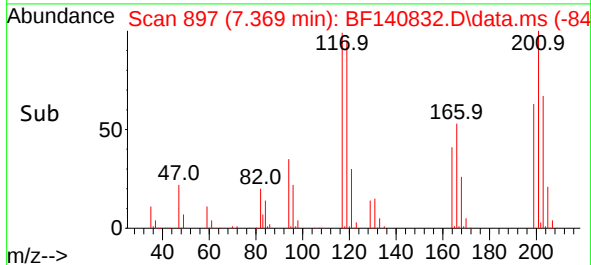
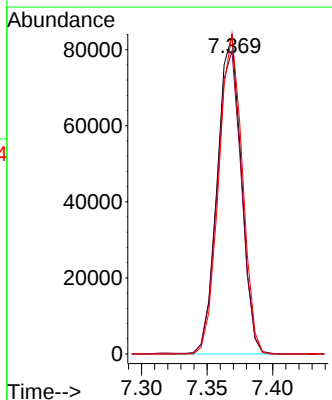
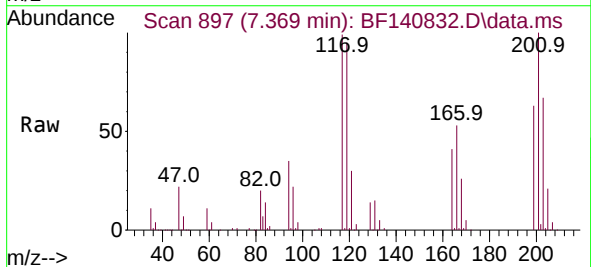
Manual Integrations
APPROVED

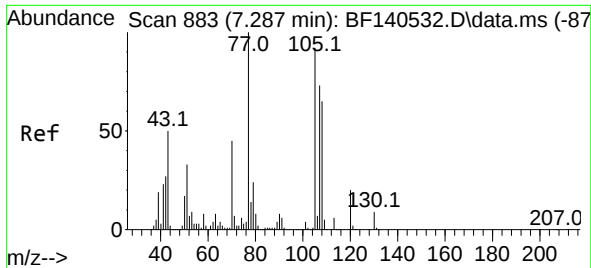
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 50.796 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

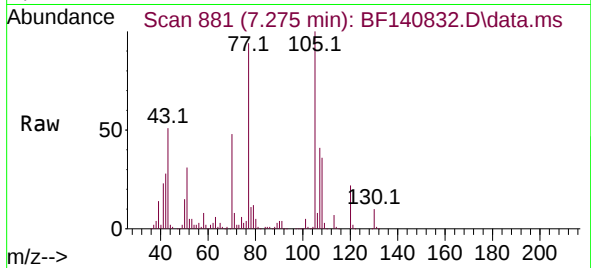
Tgt Ion:117 Resp: 105952
Ion Ratio Lower Upper
117 100
119 95.3 77.1 115.7
201 100.6 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 51.679 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

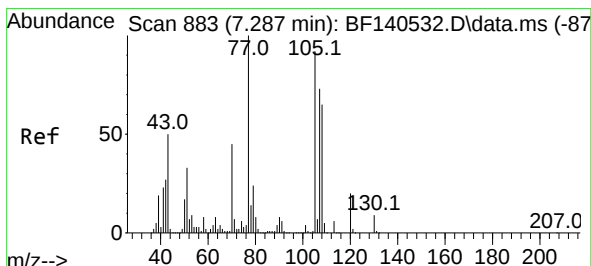
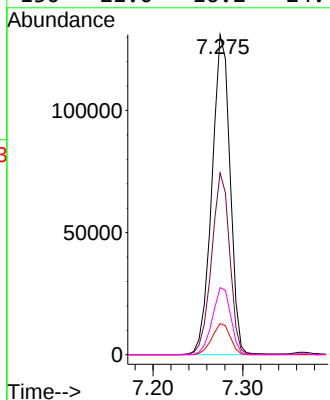
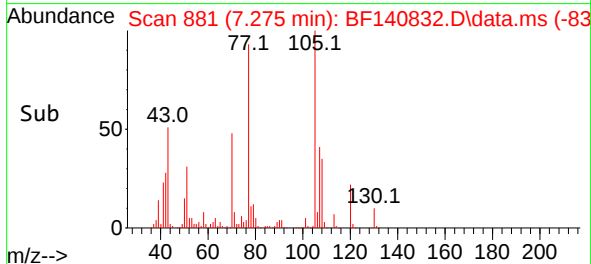
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion: 70 Resp: 18422
Ion Ratio Lower Upper
70 100
42 56.8 47.6 71.4
101 9.7 7.6 11.4
130 21.0 16.2 24.4

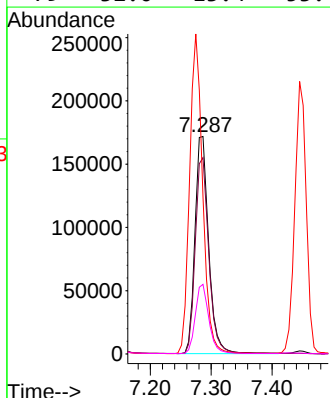
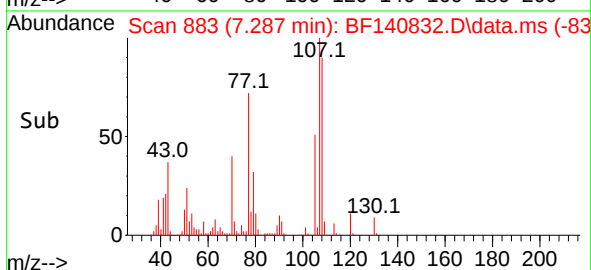
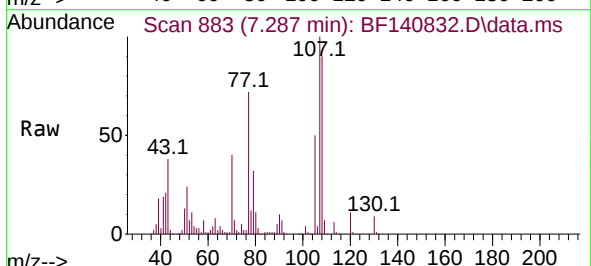
Manual Integrations
APPROVED

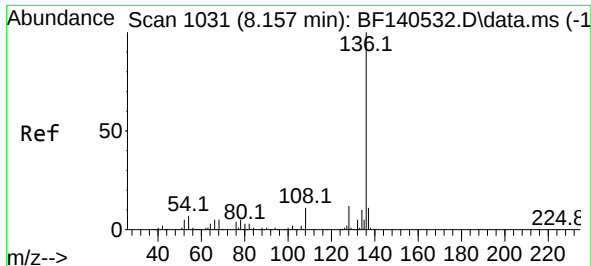
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
3+4-Methylphenols
Concen: 52.908 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

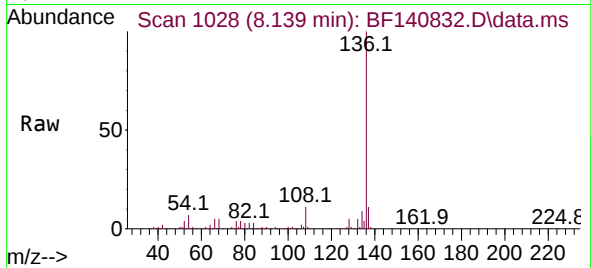
Tgt Ion:107 Resp: 267217
Ion Ratio Lower Upper
107 100
108 90.3 69.9 109.9
77 72.2 117.7 157.7#
79 32.0 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

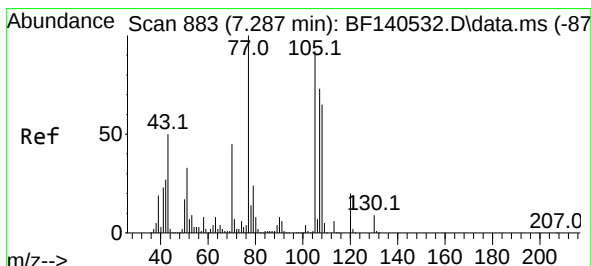
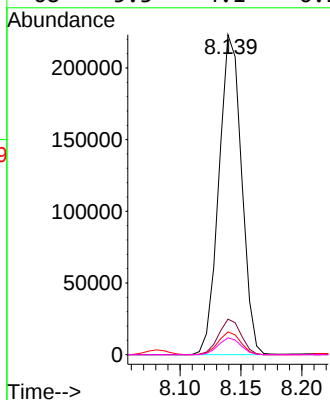
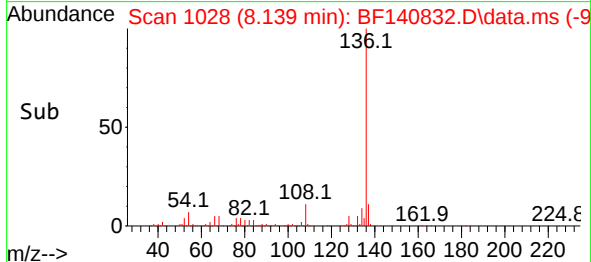
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:136 Resp: 289459
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.1 5.8 8.8
68 5.3 4.1 6.1

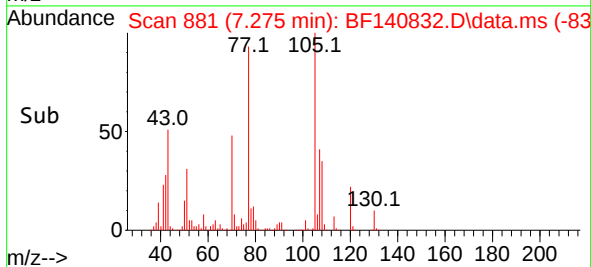
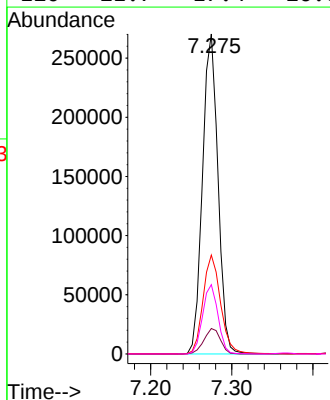
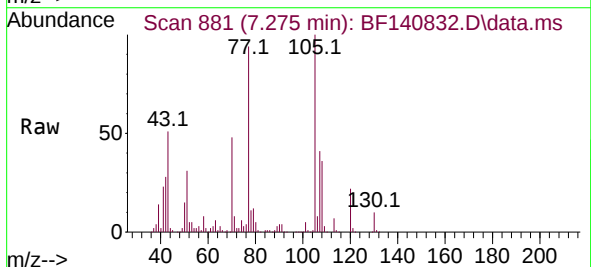
Manual Integrations
APPROVED

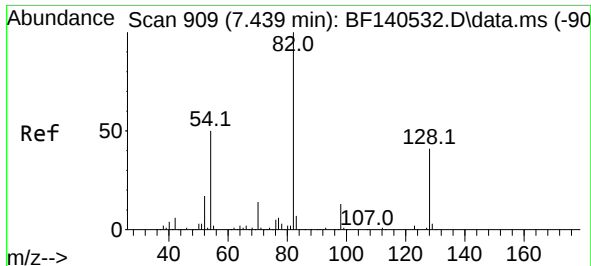
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 50.729 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:105 Resp: 357987
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 30.9 29.0 43.6
120 21.7 17.4 26.0





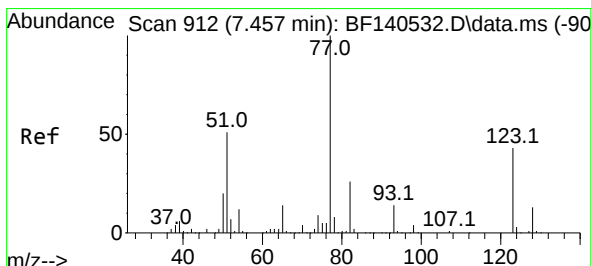
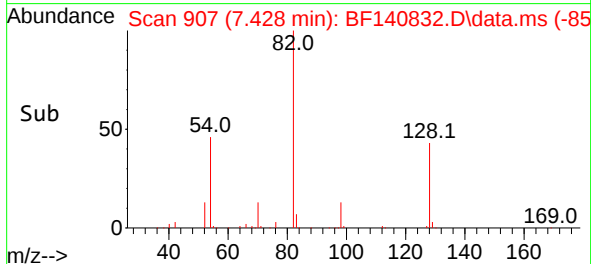
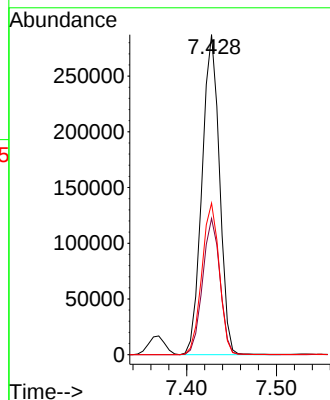
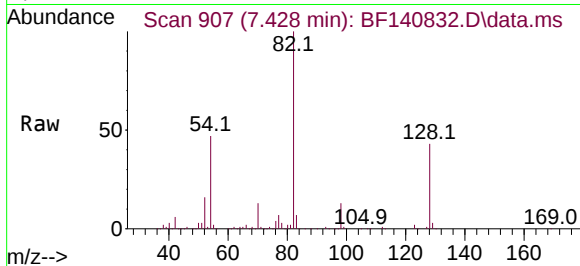
#23
Nitrobenzene-d5
Concen: 68.606 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 82 Resp: 38824
Ion Ratio Lower Upper
82 100
128 42.6 33.0 49.4
54 47.3 39.5 59.3

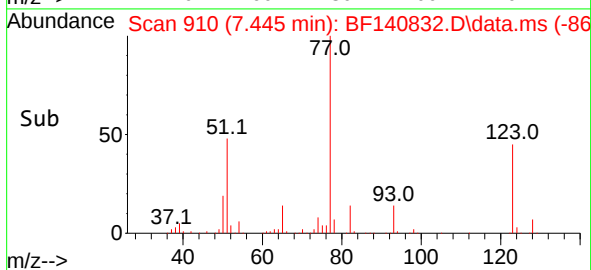
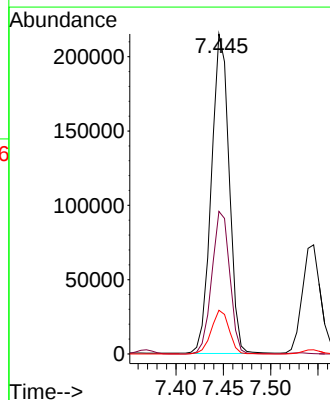
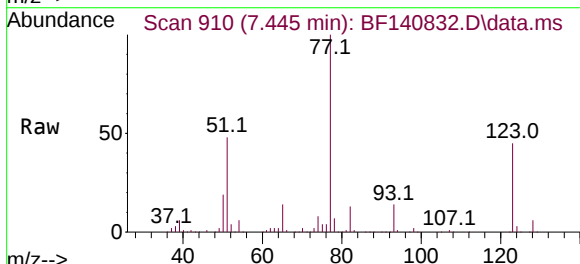
Manual Integrations
APPROVED

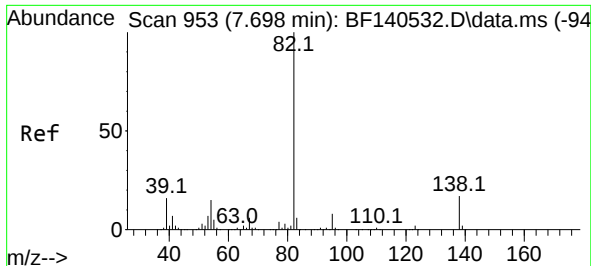
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#24
Nitrobenzene
Concen: 47.876 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion: 77 Resp: 280014
Ion Ratio Lower Upper
77 100
123 44.6 34.3 51.5
65 13.7 11.2 16.8





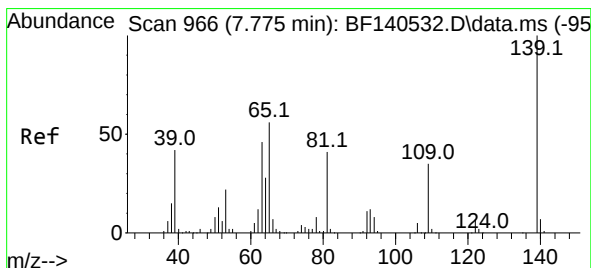
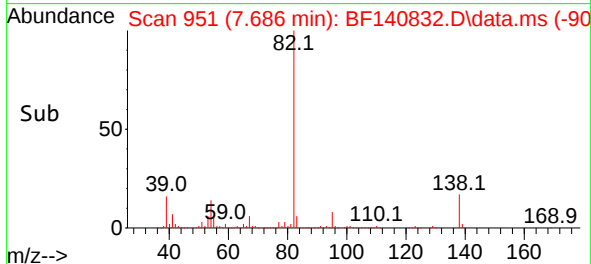
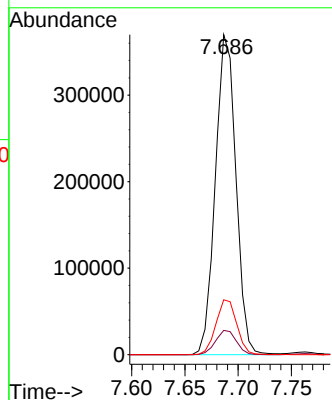
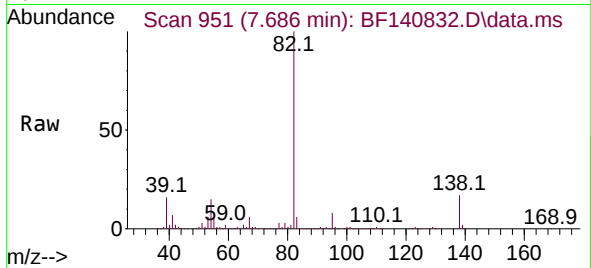
#25
Isophorone
Concen: 52.520 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 82 Resp: 49572
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 17.1 13.8 20.6

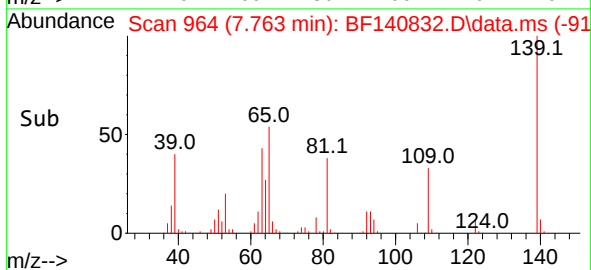
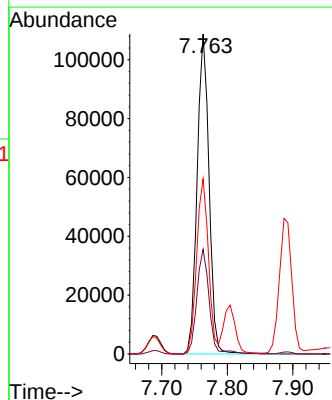
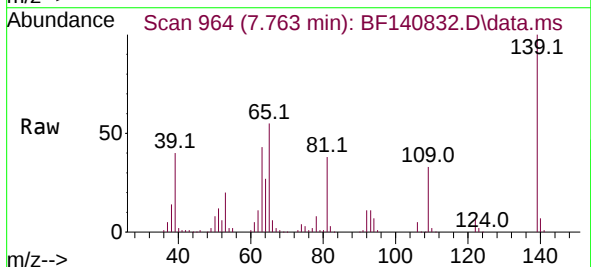
Manual Integrations
APPROVED

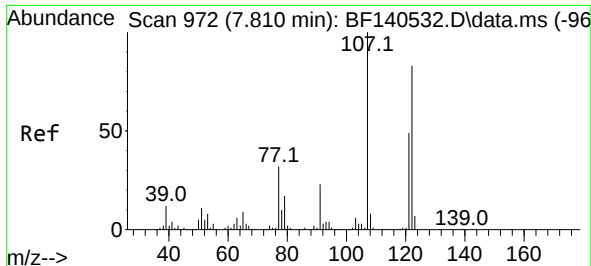
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 53.105 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:139 Resp: 137642
Ion Ratio Lower Upper
139 100
109 32.7 28.0 42.0
65 54.7 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 66.913 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140832.D

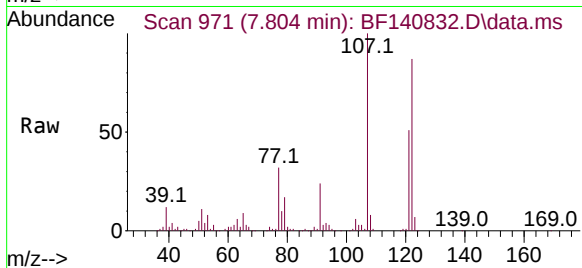
Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS



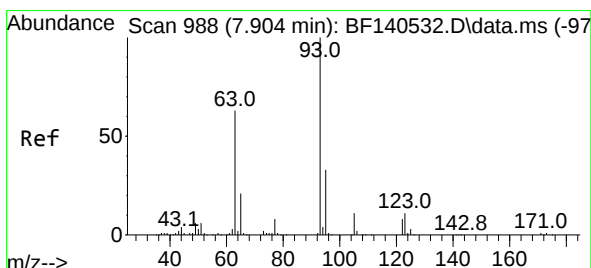
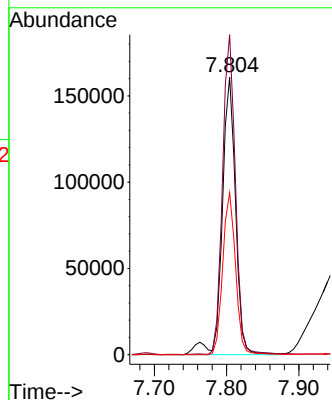
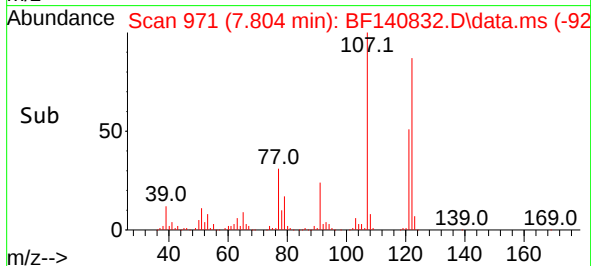
Tgt Ion:	122	Resp:	207508
Ion	Ratio	Lower	Upper
122	100		
107	115.3	96.8	145.2
121	58.3	47.4	71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#28

bis(2-Chloroethoxy)methane

Concen: 53.091 ng

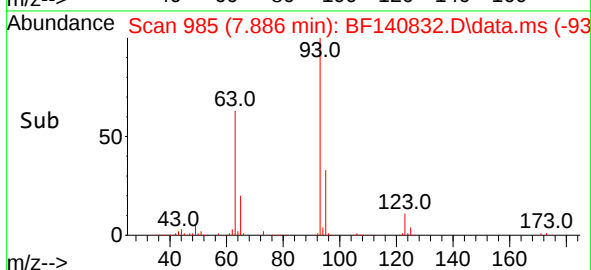
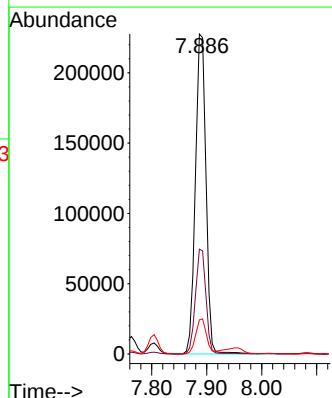
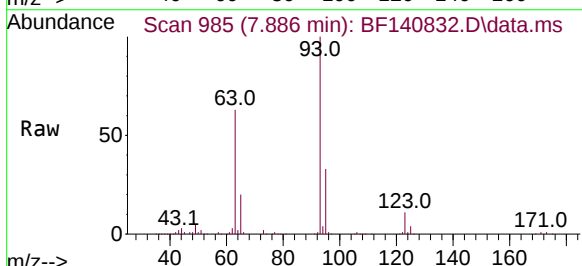
RT: 7.886 min Scan# 985

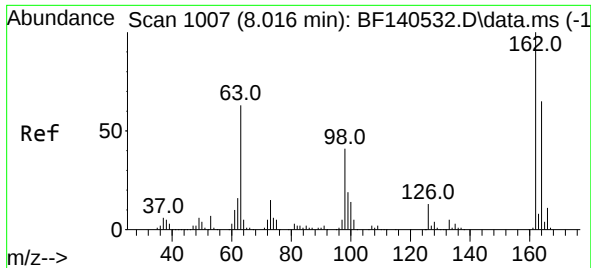
Delta R.T. -0.018 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Tgt Ion:	93	Resp:	305280
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	10.7	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 53.611 ng

RT: 8.016 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

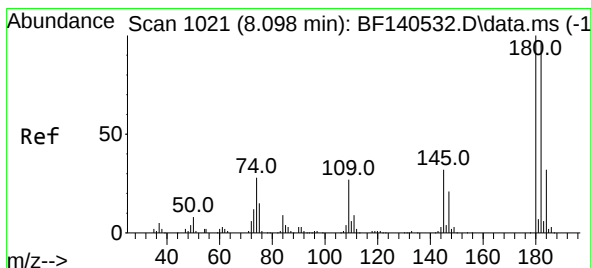
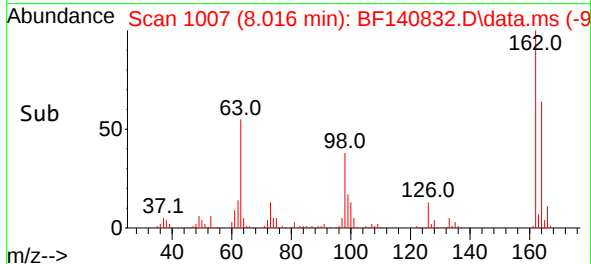
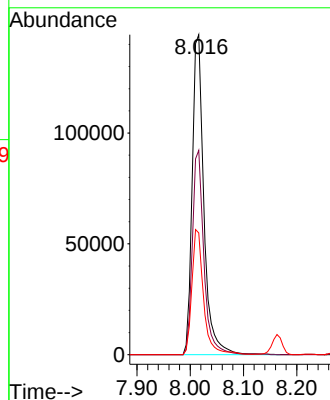
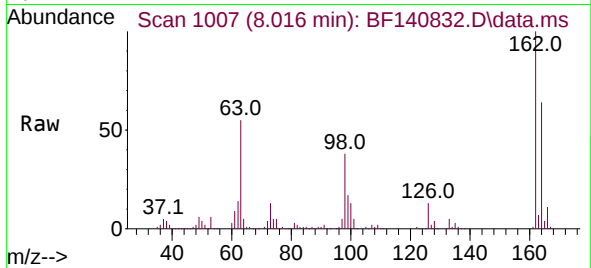
Tgt Ion:162 Resp: 22030
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.8 84.8
 98 38.1 21.2 61.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.684 ng

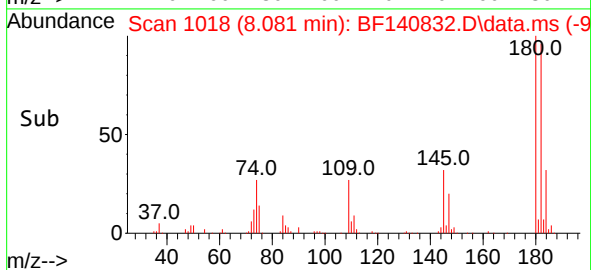
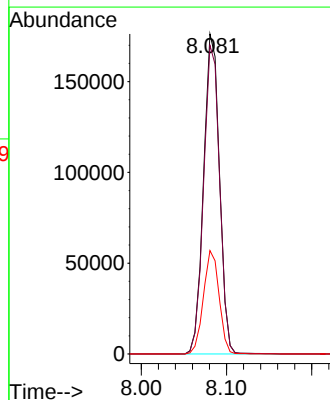
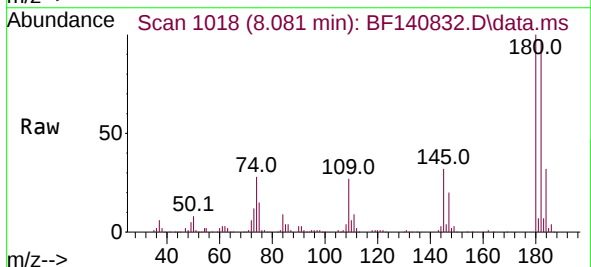
RT: 8.081 min Scan# 1018

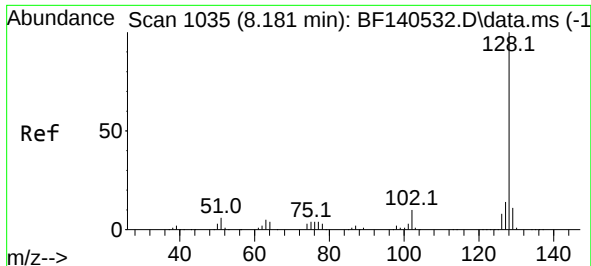
Delta R.T. -0.018 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

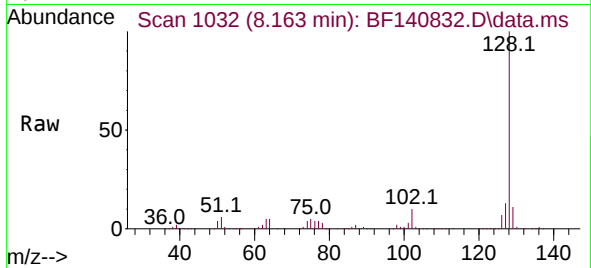
Tgt Ion:180 Resp: 228419
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.4 114.6
 145 32.3 25.9 38.9





#31
Naphthalene
Concen: 50.974 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

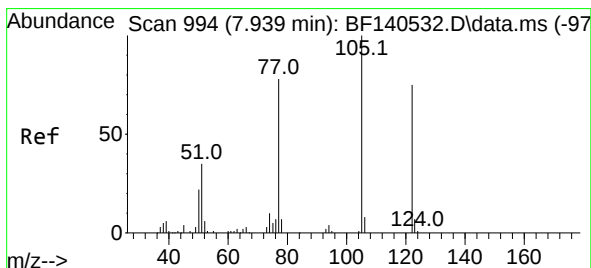
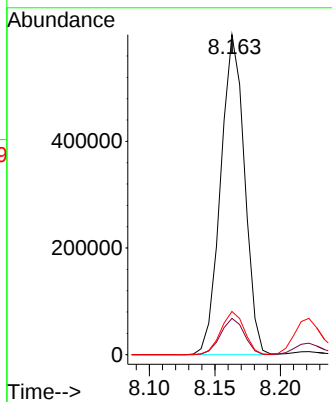
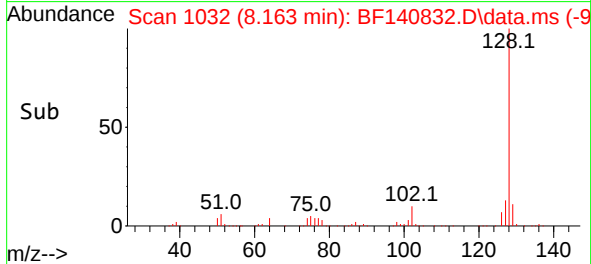
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:128 Resp: 760012
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.5 10.8 16.2

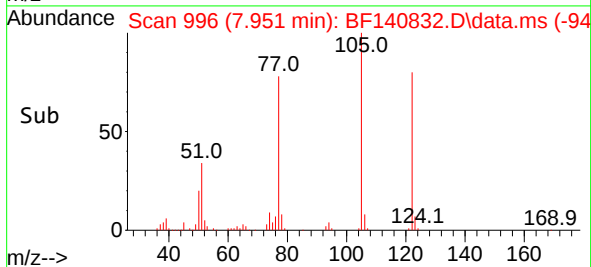
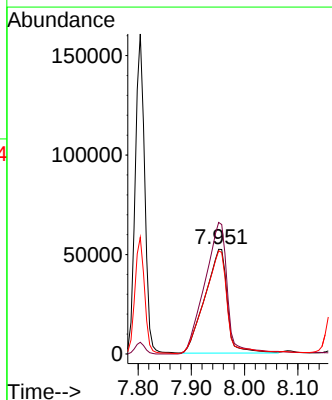
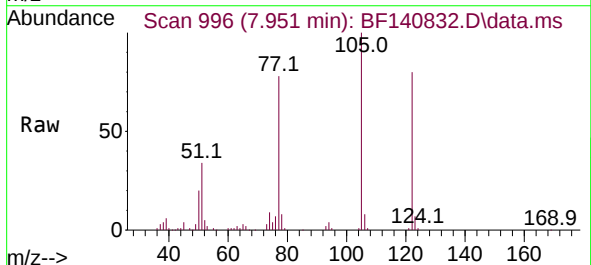
Manual Integrations
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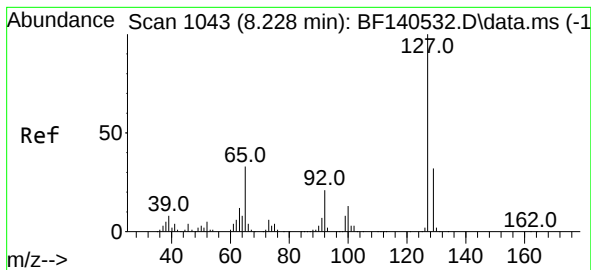
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#32
Benzoic acid
Concen: 55.035 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:122 Resp: 151868
Ion Ratio Lower Upper
122 100
105 125.7 109.3 149.3
77 98.7 82.3 122.3





#33

4-Chloroaniline

Concen: 25.305 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:127 Resp: 11296

Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

65 30.4 26.0 39.0

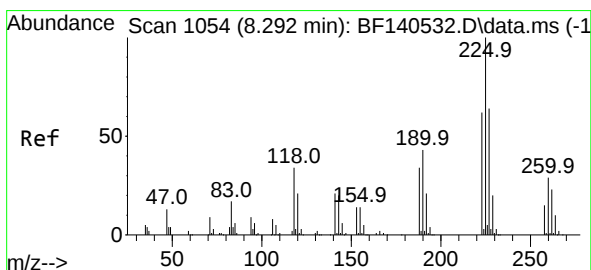
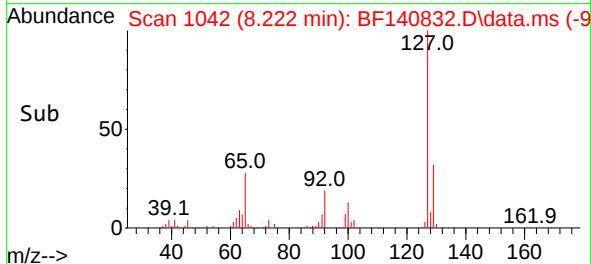
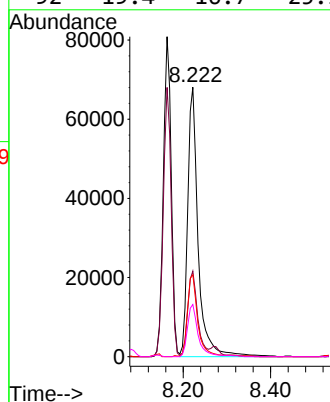
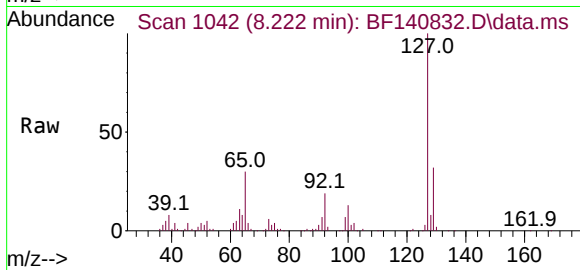
92 19.4 16.7 25.1

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#34

Hexachlorobutadiene

Concen: 49.884 ng

RT: 8.275 min Scan# 1051

Delta R.T. -0.018 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

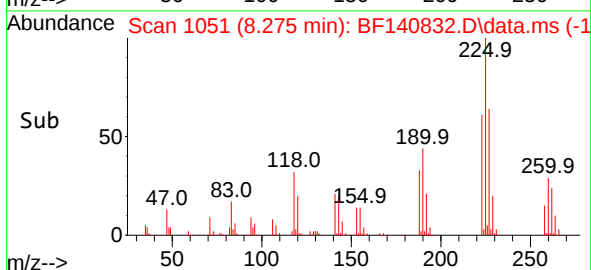
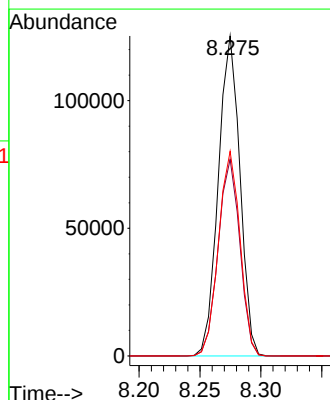
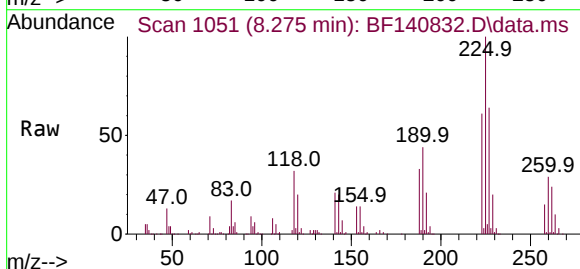
Tgt Ion:225 Resp: 155024

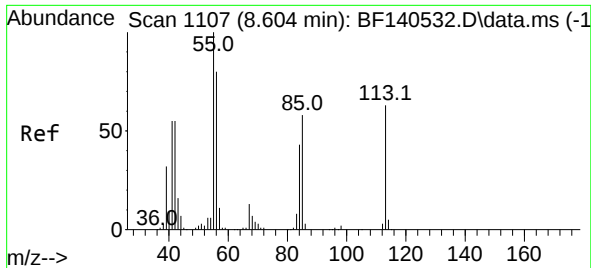
Ion Ratio Lower Upper

225 100

223 61.5 49.8 74.8

227 63.9 51.3 76.9





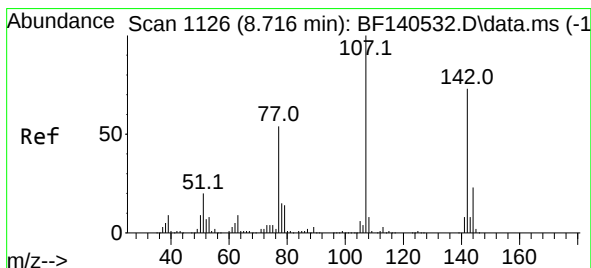
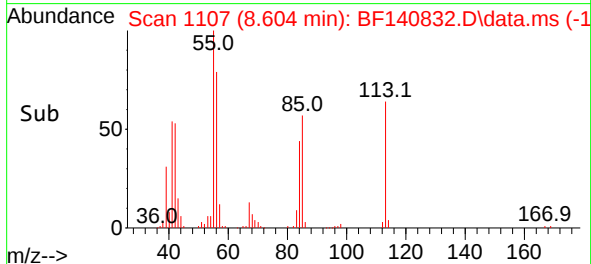
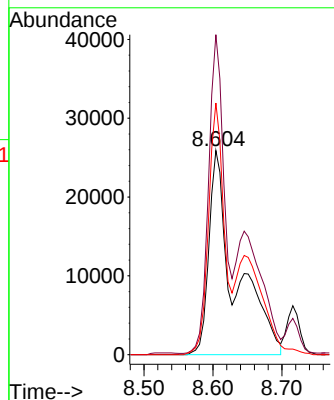
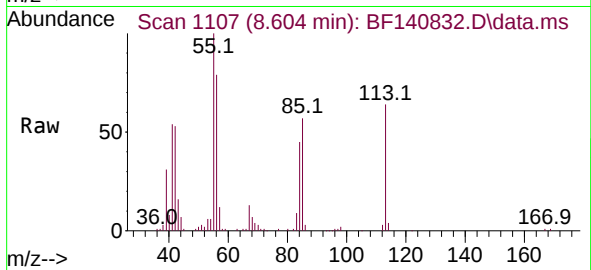
#35
Caprolactam
Concen: 53.734 ng m
RT: 8.604 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:113 Resp: 6833
Ion Ratio Lower Upper
113 100
55 156.7 137.7 177.7
56 123.2 106.4 146.4

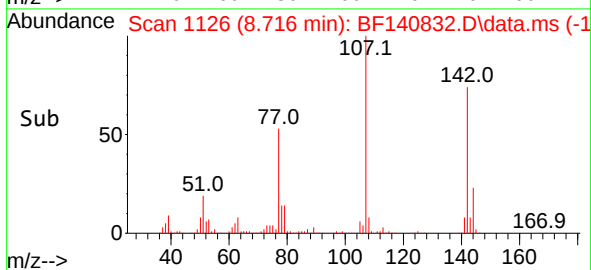
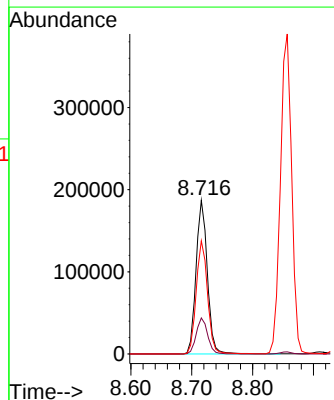
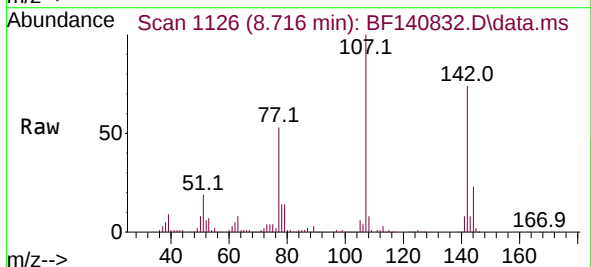
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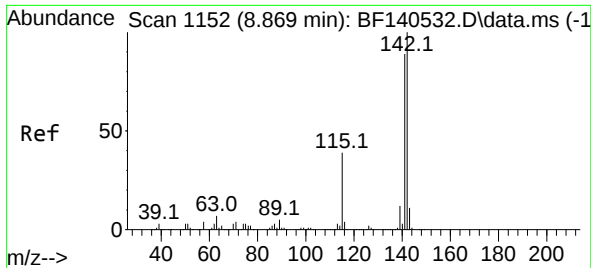
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#36
4-Chloro-3-methylphenol
Concen: 52.522 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:107 Resp: 241645
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 73.7 58.3 87.5





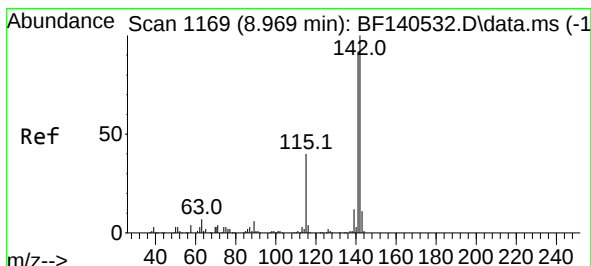
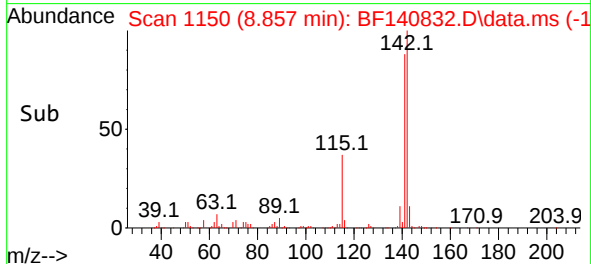
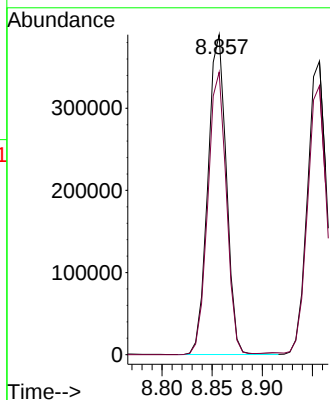
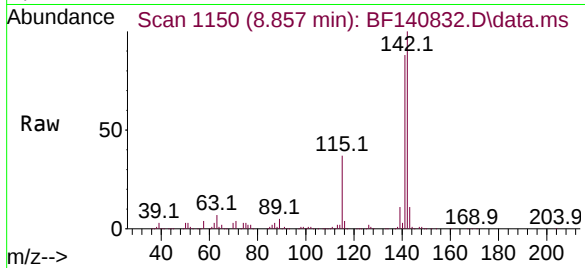
#37
2-Methylnaphthalene
Concen: 52.705 ng
RT: 8.857 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:142 Resp: 49911
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6

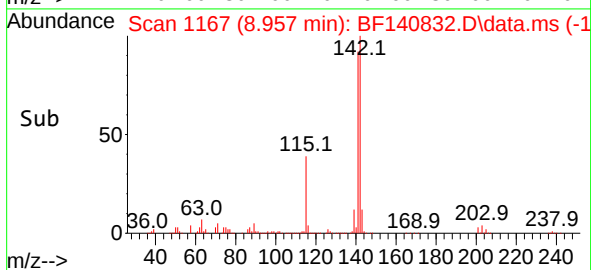
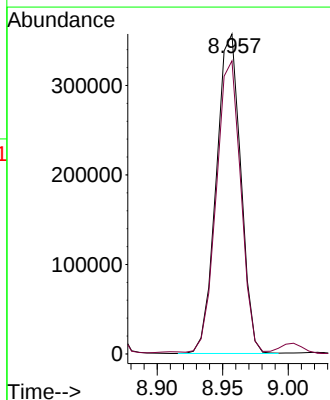
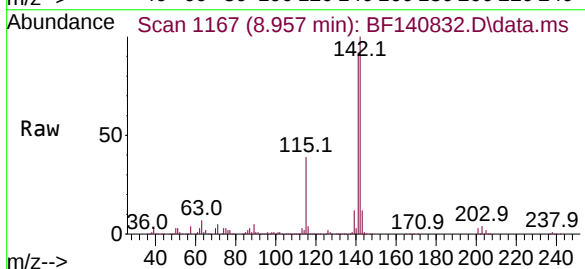
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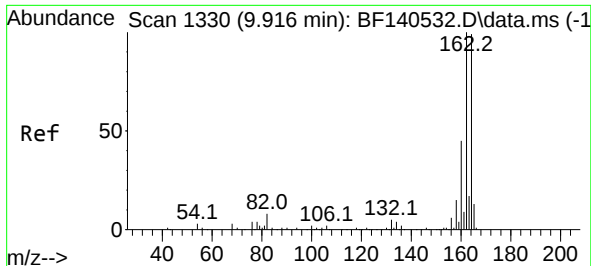
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#38
1-Methylnaphthalene
Concen: 49.976 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

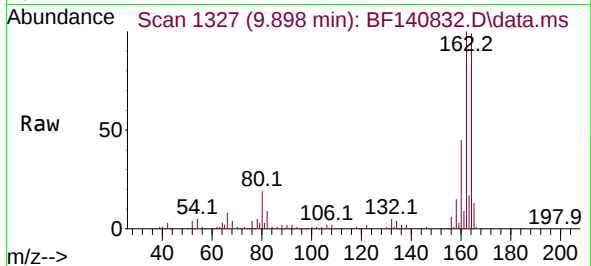
Tgt Ion:142 Resp: 463898
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. -0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

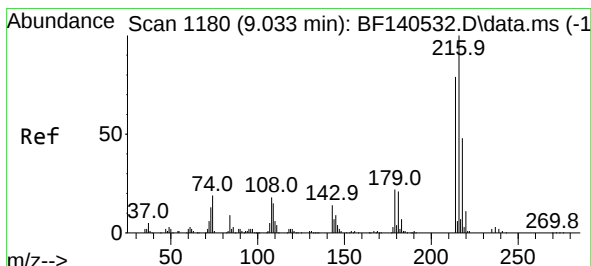
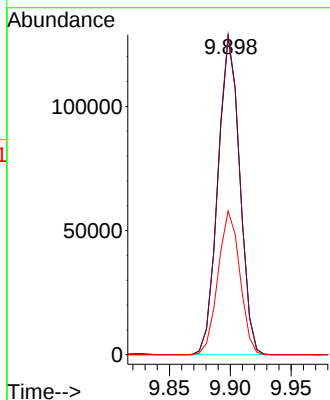
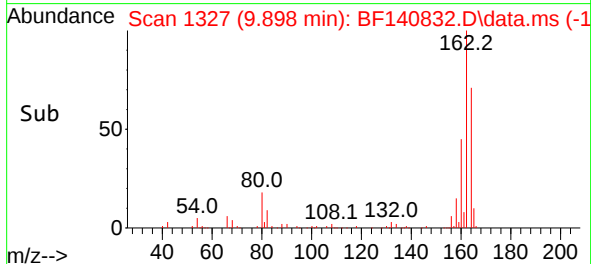
Instrument :
BNA_F
ClientSampleId :
WC-1MS



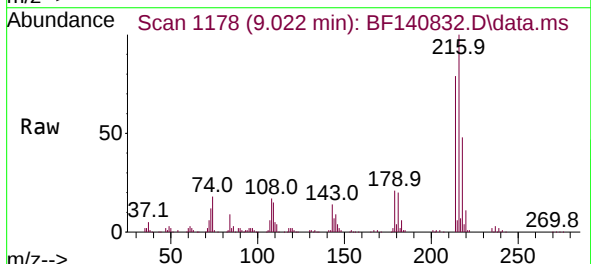
Tgt Ion:164 Resp: 15948
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 45.3 36.2 54.4

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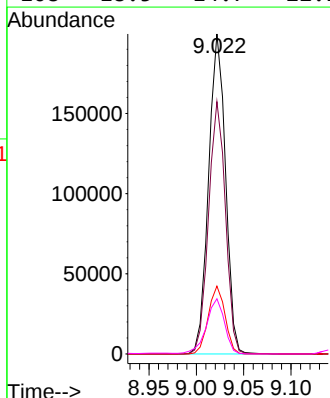
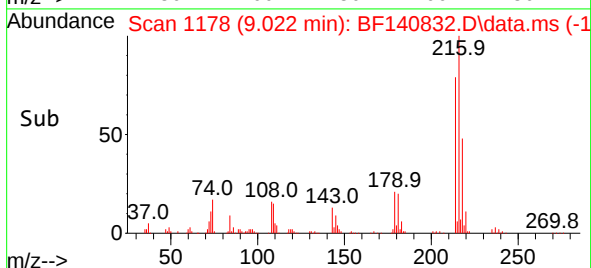
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

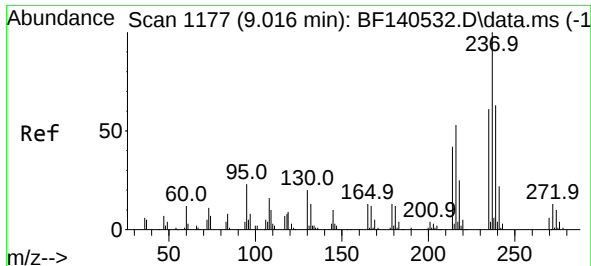


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.970 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35



Tgt Ion:216 Resp: 247318
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.0 17.5 26.3
108 18.5 14.7 22.1





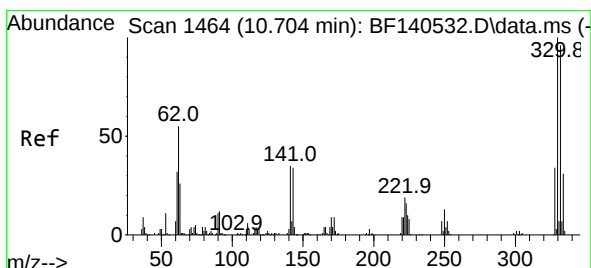
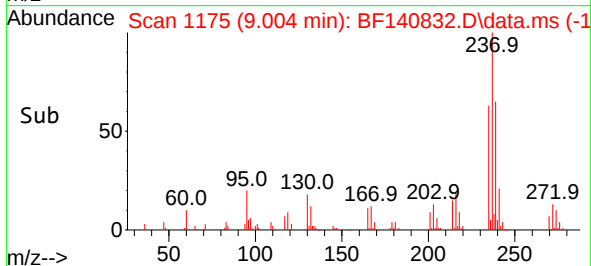
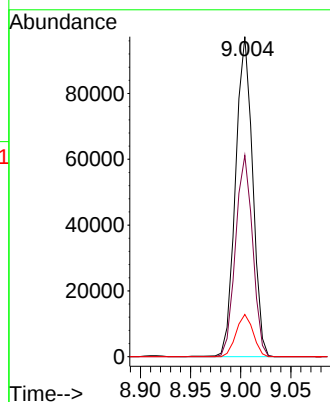
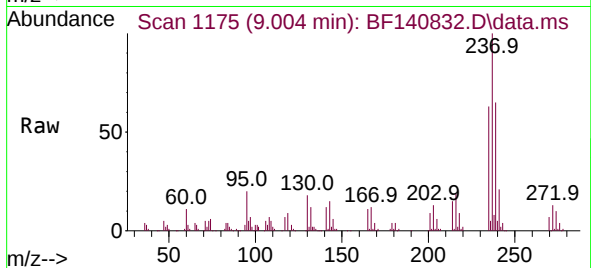
#41
Hexachlorocyclopentadiene
Concen: 107.543 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:237 Resp: 115764
Ion Ratio Lower Upper
237 100
235 62.9 41.1 81.1
272 13.2 0.0 32.6

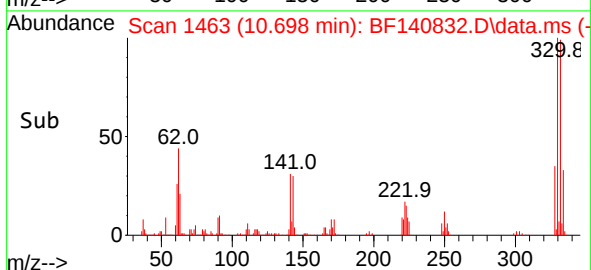
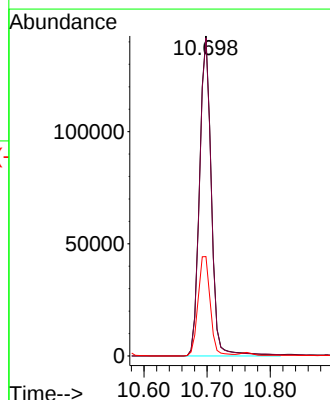
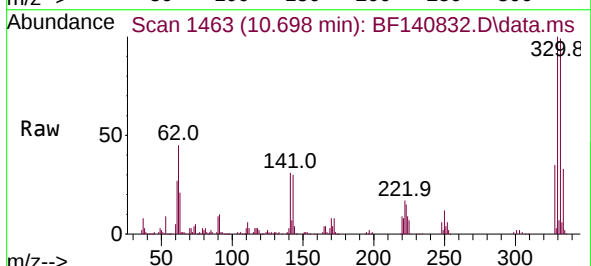
Manual Integrations
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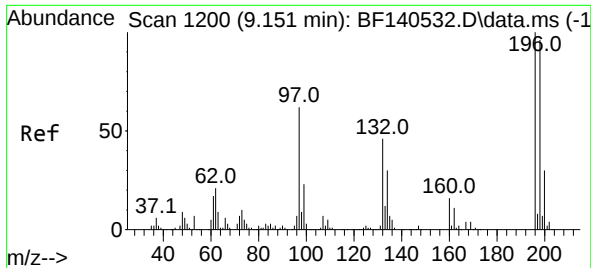
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 108.889 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:330 Resp: 185735
Ion Ratio Lower Upper
330 100
332 99.2 76.9 115.3
141 32.1 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 51.506 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:196 Resp: 150899

Ion Ratio Lower Upper

196 100

198 95.6 76.8 115.2

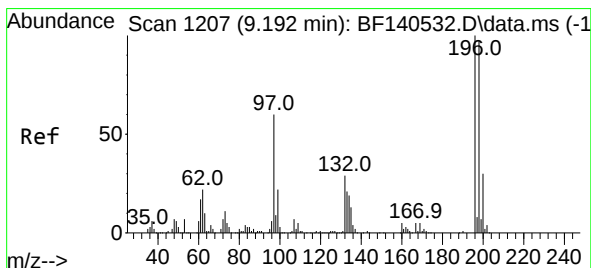
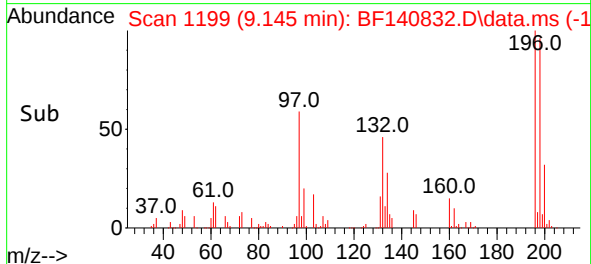
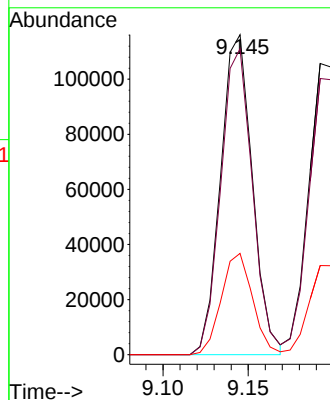
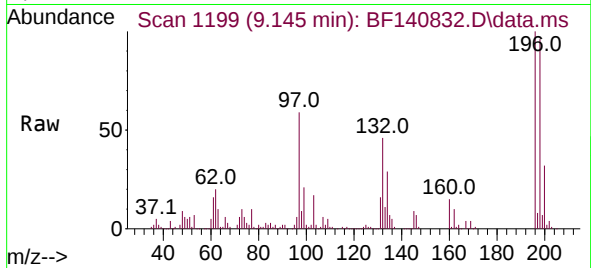
200 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#44

2,4,5-Trichlorophenol

Concen: 50.419 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Tgt Ion:196 Resp: 160314

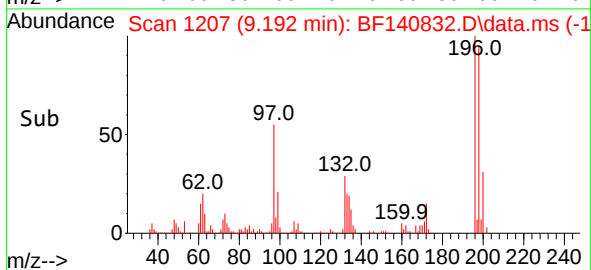
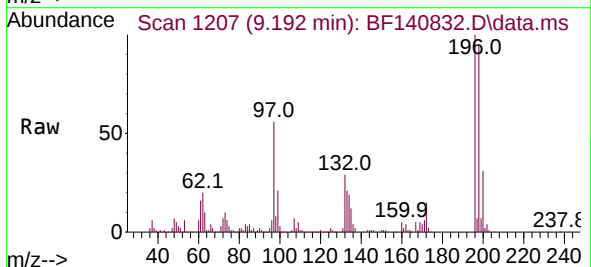
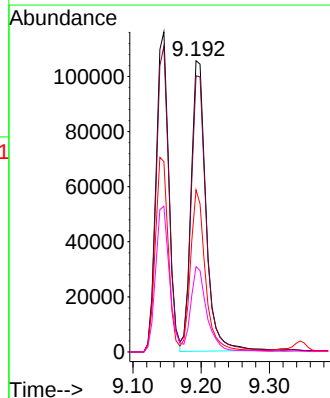
Ion Ratio Lower Upper

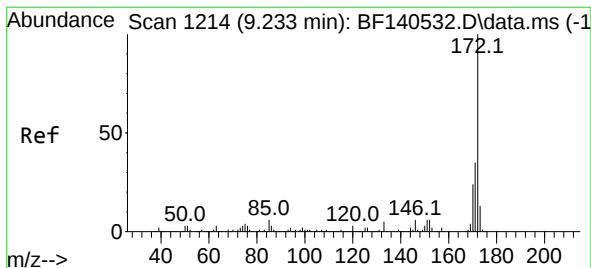
196 100

198 94.8 77.2 115.8

97 55.7 47.1 70.7

132 29.3 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 67.185 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:172 Resp: 71916

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

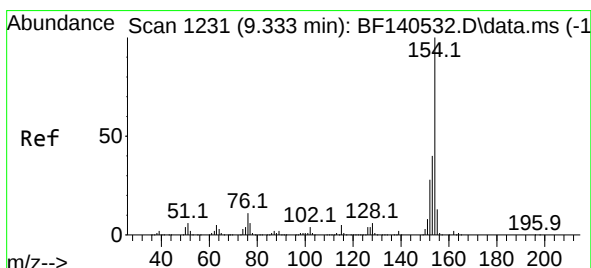
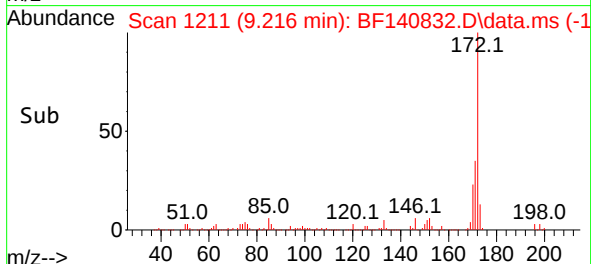
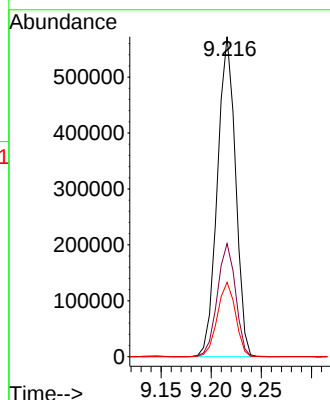
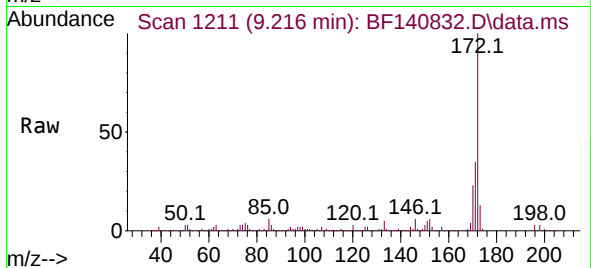
170 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#46

1,1'-Biphenyl

Concen: 52.779 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.018 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

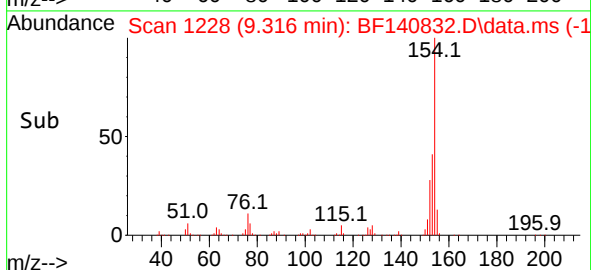
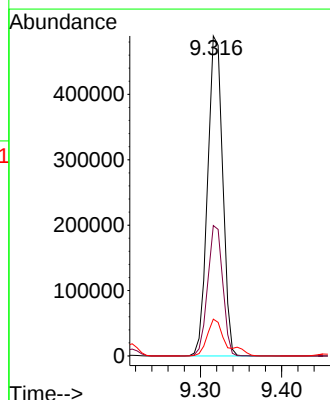
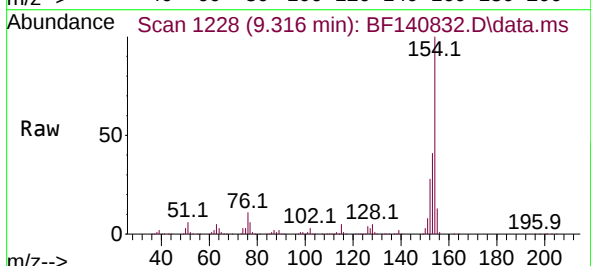
Tgt Ion:154 Resp: 628468

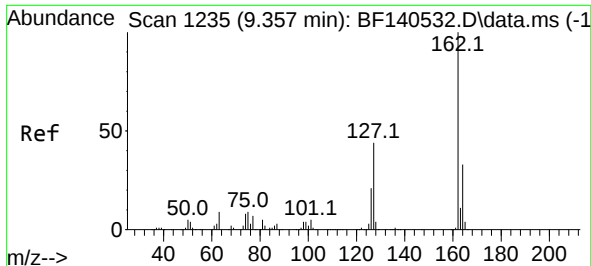
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.5 0.0 31.2





#47
2-Chloronaphthalene
Concen: 51.814 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

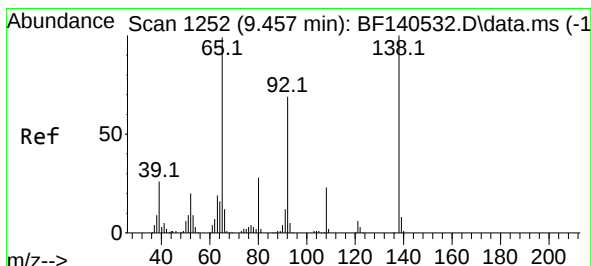
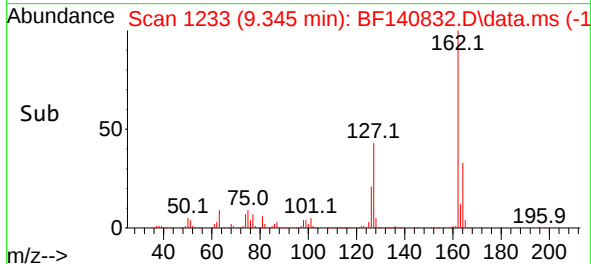
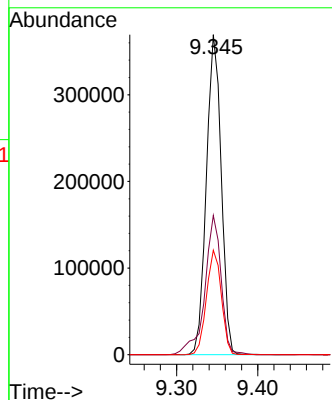
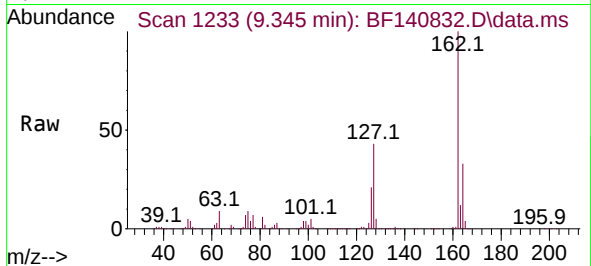
ClientSampleId :

WC-1MS

Tgt Ion:162 Resp: 467494
Ion Ratio Lower Upper
162 100
127 43.5 35.7 53.5
164 32.7 26.1 39.1

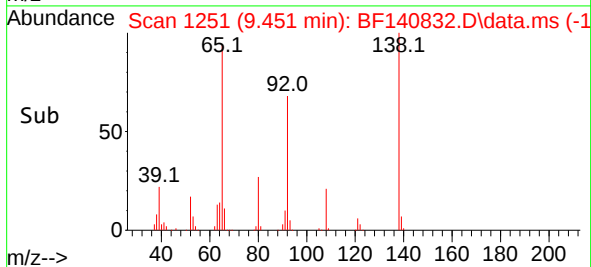
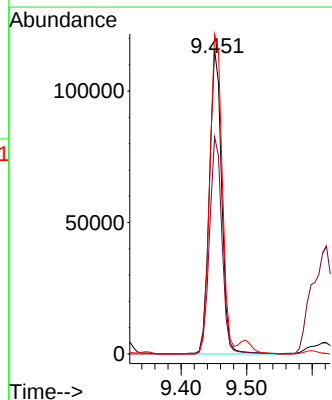
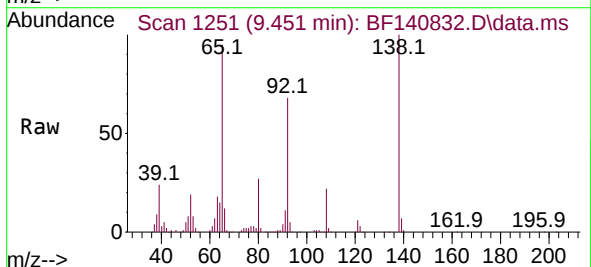
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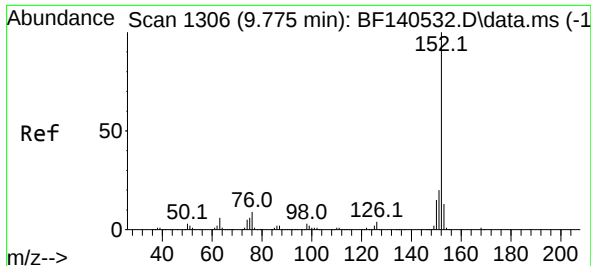
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#48
2-Nitroaniline
Concen: 52.305 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion: 65 Resp: 151478
Ion Ratio Lower Upper
65 100
92 71.4 56.1 84.1
138 105.2 81.0 121.6





#49

Acenaphthylene

Concen: 55.132 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:152 Resp: 75158

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

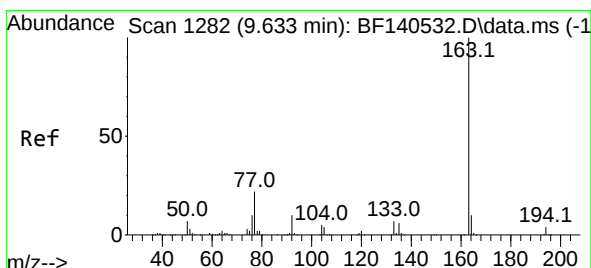
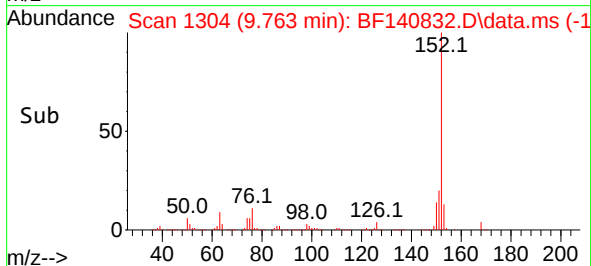
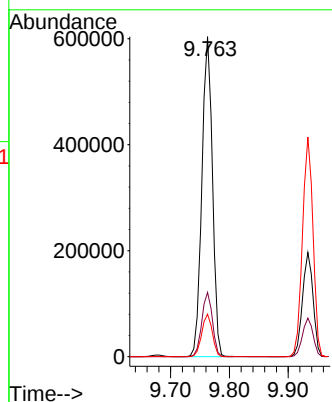
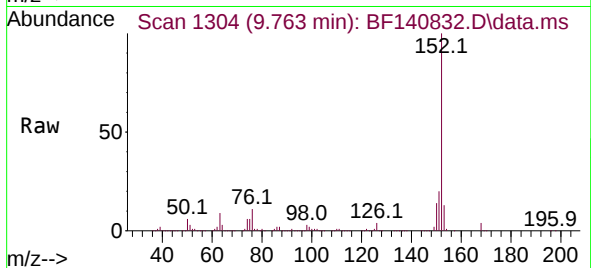
153 13.3 10.6 16.0

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APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#50

Dimethylphthalate

Concen: 54.339 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

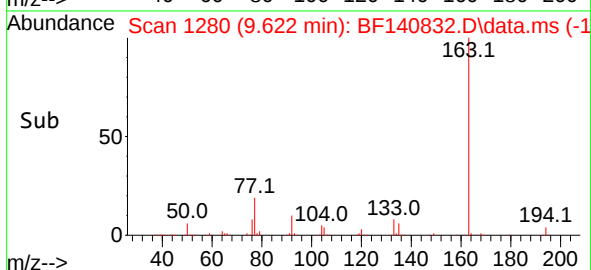
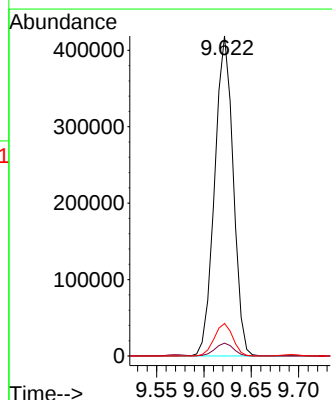
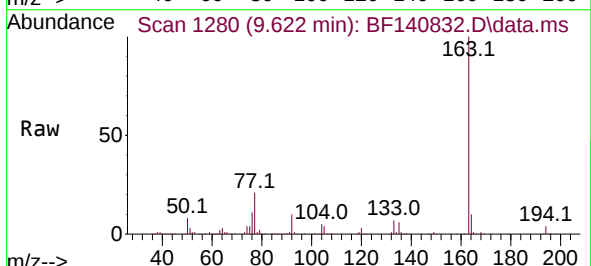
Tgt Ion:163 Resp: 570764

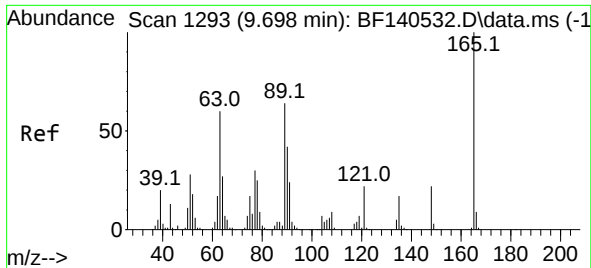
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

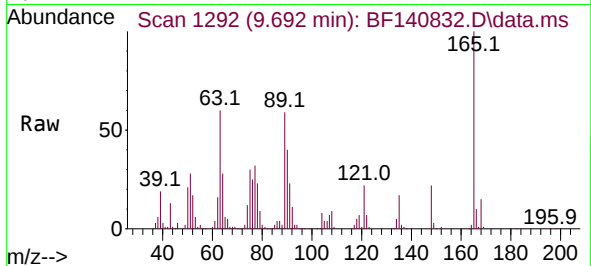
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.083 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

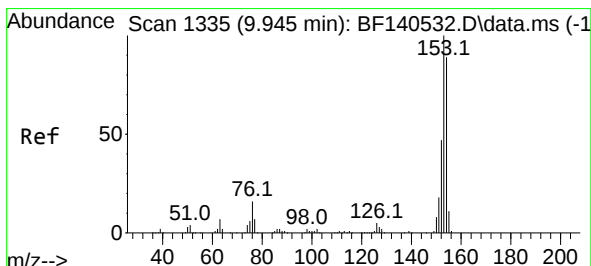
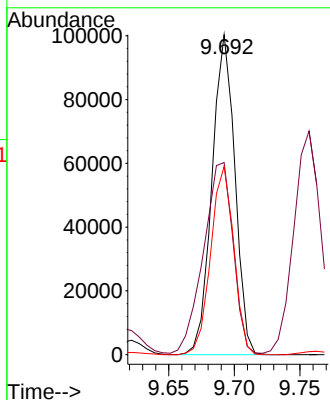
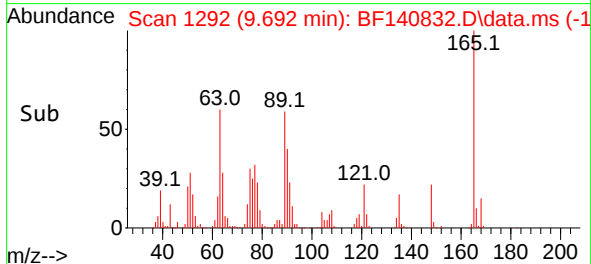
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:165 Resp: 121690
Ion Ratio Lower Upper
165 100
63 60.0 49.9 74.9
89 58.8 50.9 76.3

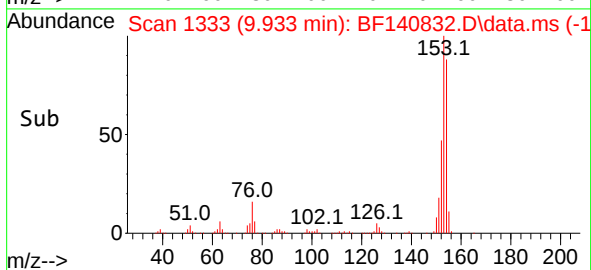
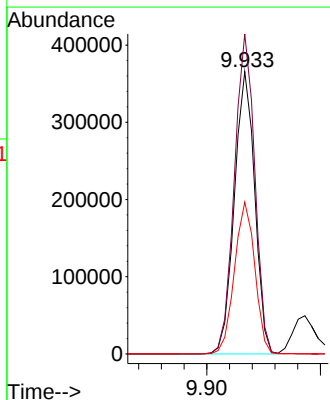
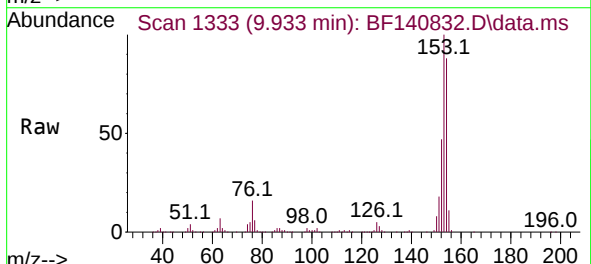
Manual Integrations
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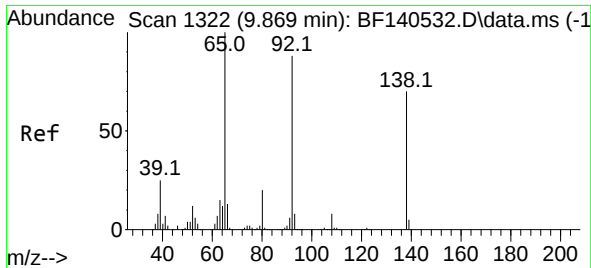
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#52
Acenaphthene
Concen: 52.697 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:154 Resp: 456458
Ion Ratio Lower Upper
154 100
153 113.3 89.7 134.5
152 53.8 42.5 63.7





#53
3-Nitroaniline
Concen: 37.756 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

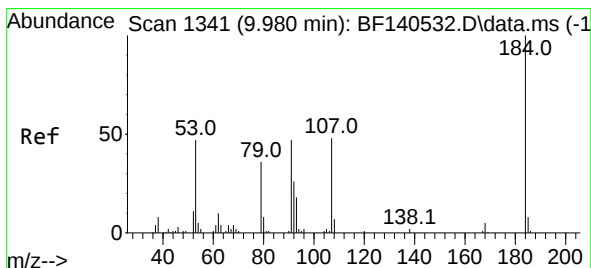
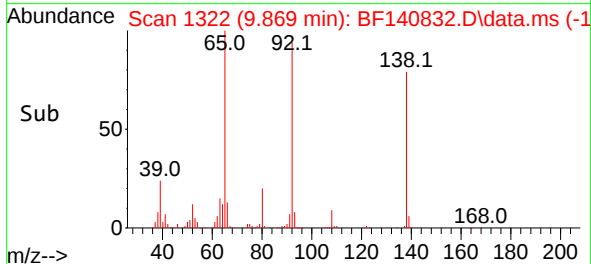
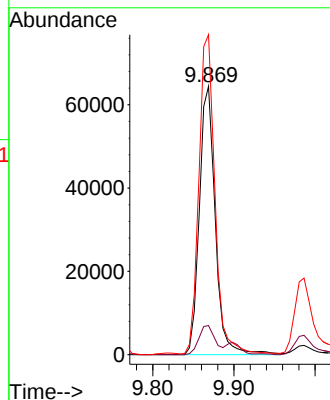
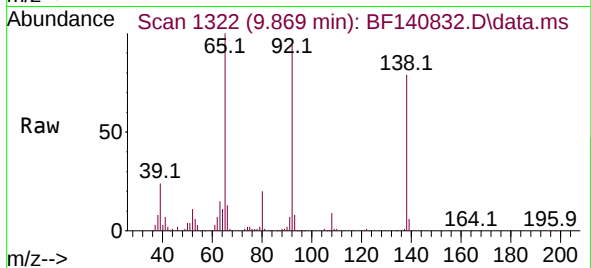
WC-1MS

Tgt Ion:138 Resp: 8796
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 119.3 100.6 150.8

Manual Integrations

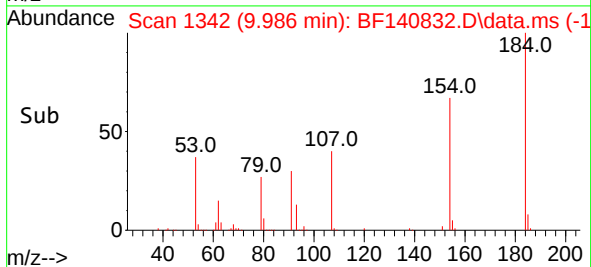
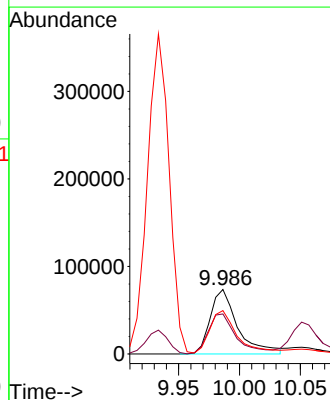
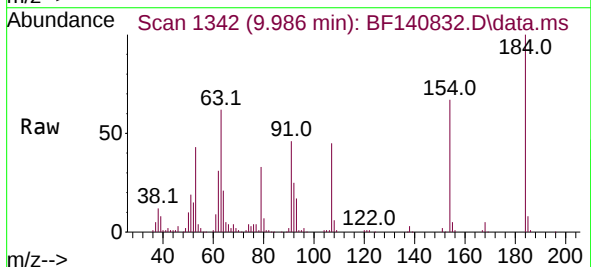
APPROVED

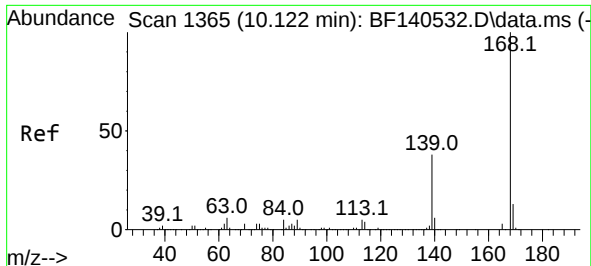
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#54
2,4-Dinitrophenol
Concen: 92.517 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

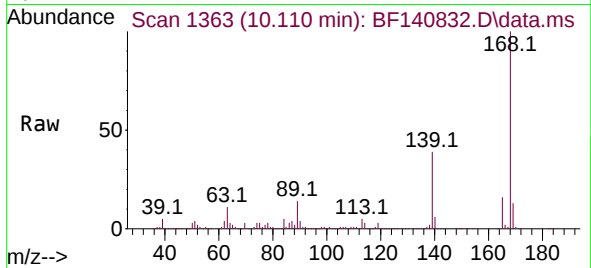
Tgt Ion:184 Resp: 115818
Ion Ratio Lower Upper
184 100
63 62.2 54.1 81.1
154 67.4 57.4 86.0





#55
Dibenzenofuran
Concen: 52.571 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

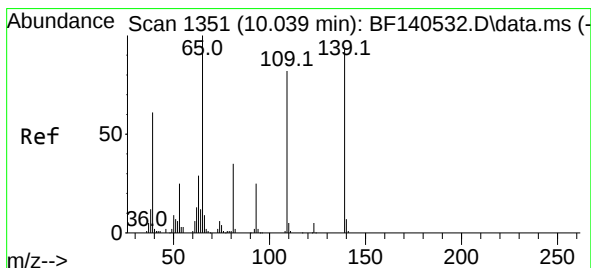
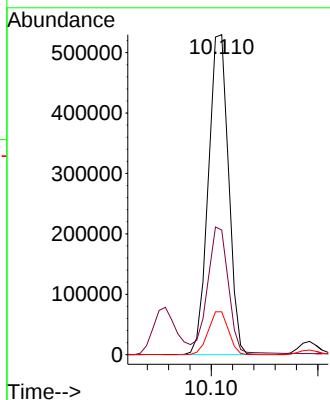
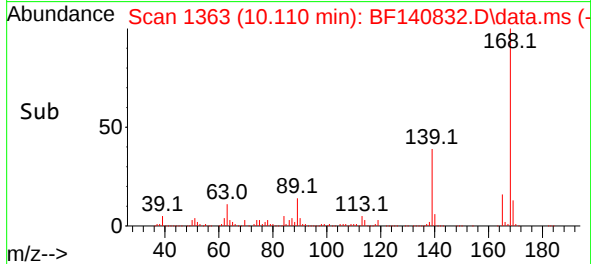
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:168 Resp: 69458
Ion Ratio Lower Upper
168 100
139 39.0 31.3 46.9
169 13.4 10.5 15.7

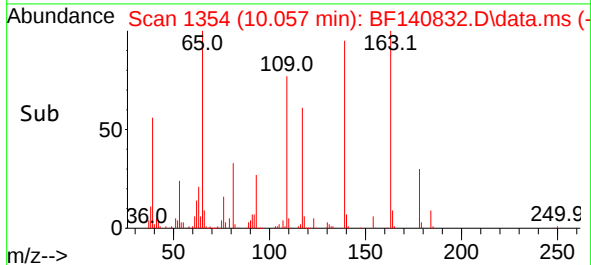
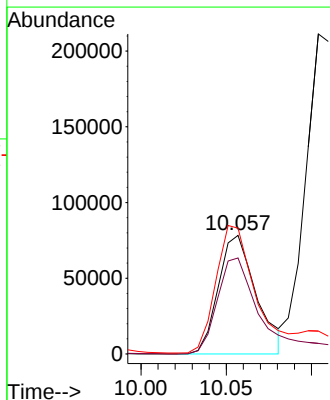
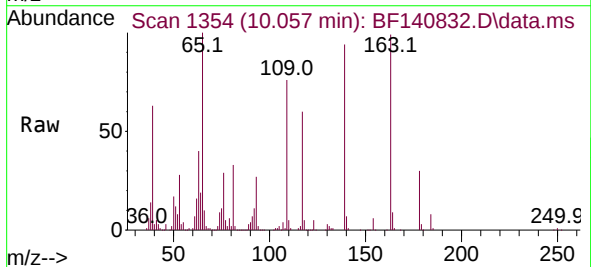
Manual Integrations
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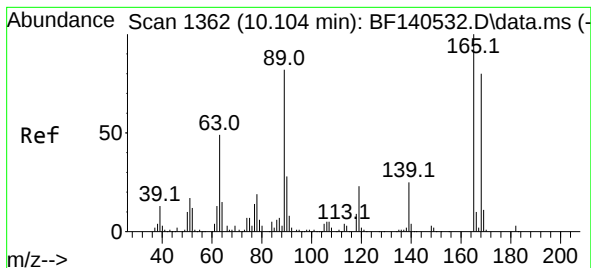
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#56
4-Nitrophenol
Concen: 76.114 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

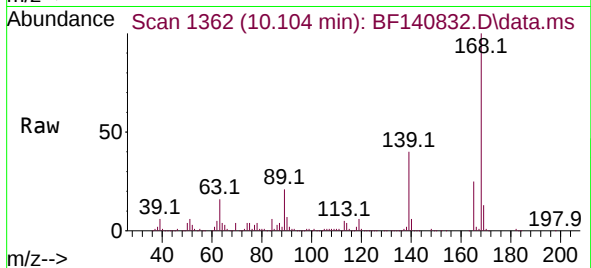
Tgt Ion:139 Resp: 120945
Ion Ratio Lower Upper
139 100
109 80.9 68.4 108.4
65 106.0 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 52.046 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

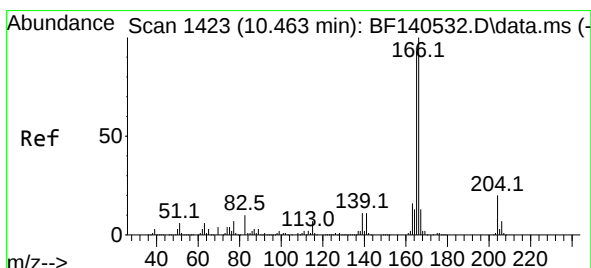
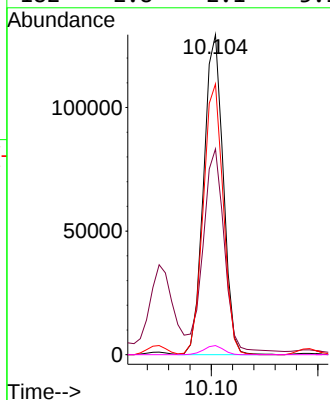
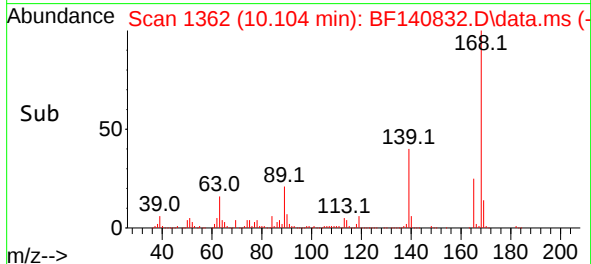
Instrument :
BNA_F
ClientSampleId :
WC-1MS



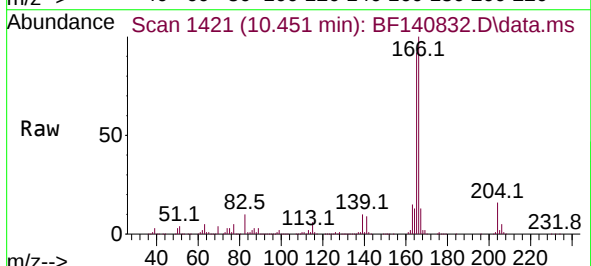
Tgt Ion:165 Resp: 164778
Ion Ratio Lower Upper
165 100
63 64.3 41.7 62.5
89 84.6 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations
APPROVED

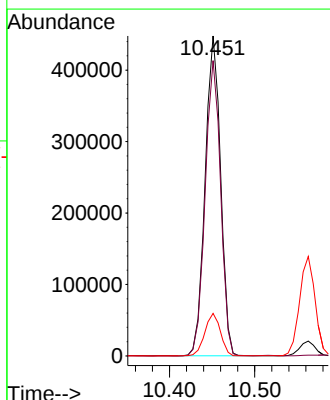
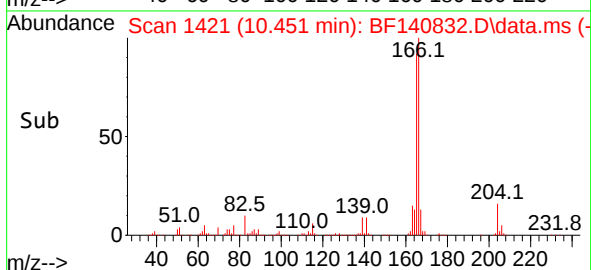
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

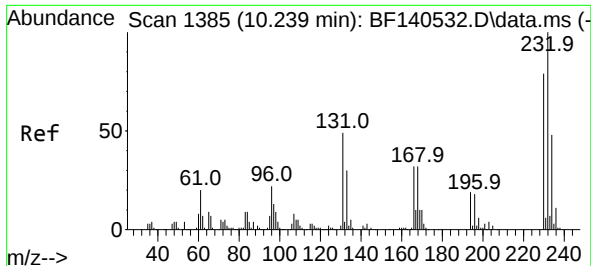


#58
Fluorene
Concen: 53.101 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35



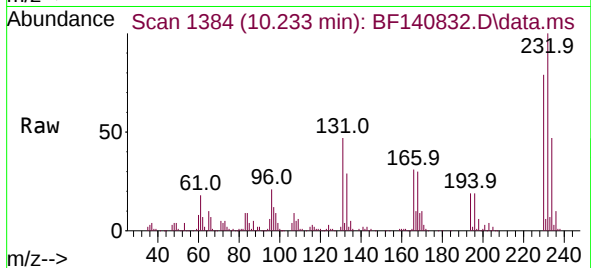
Tgt Ion:166 Resp: 563148
Ion Ratio Lower Upper
166 100
165 92.3 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.629 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

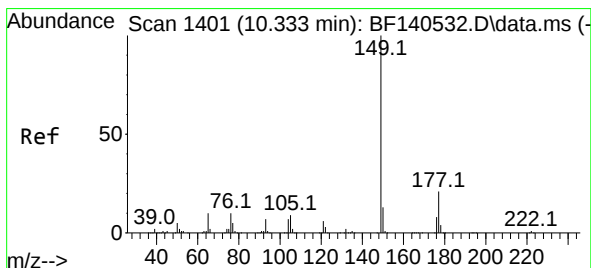
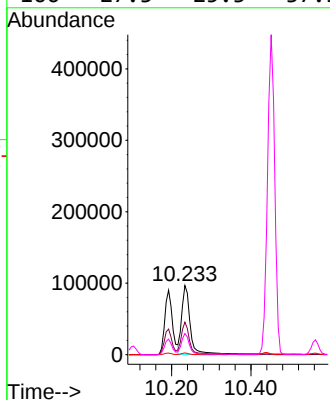
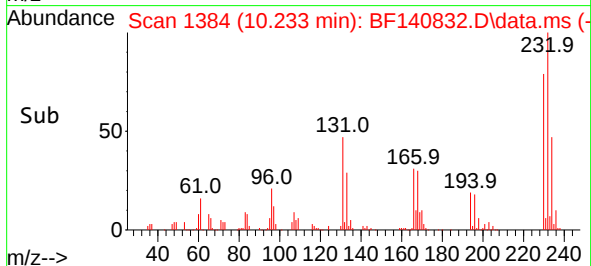
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:232 Resp: 145714
Ion Ratio Lower Upper
232 100
131 44.4 39.6 59.4
130 2.3 1.9 2.9
166 27.3 25.3 37.9

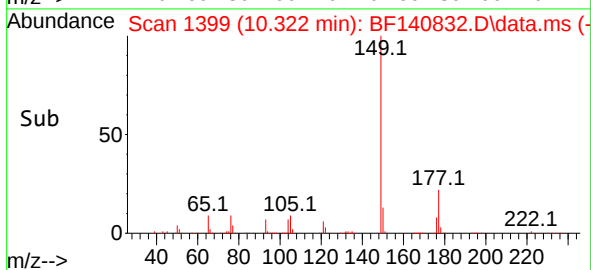
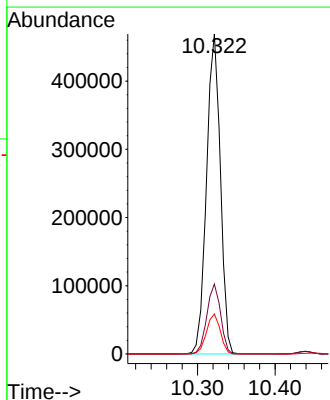
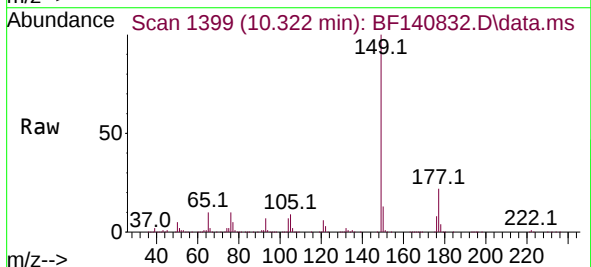
Manual Integrations
APPROVED

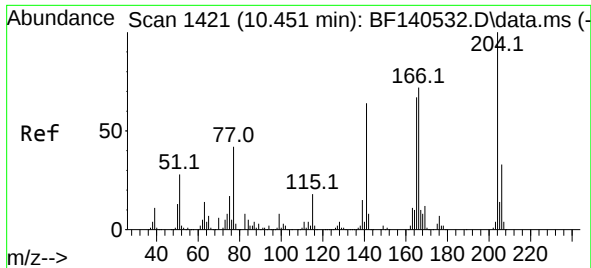
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#60
Diethylphthalate
Concen: 54.335 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

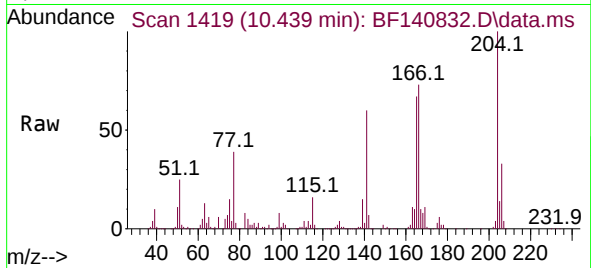
Tgt Ion:149 Resp: 579868
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 54.128 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

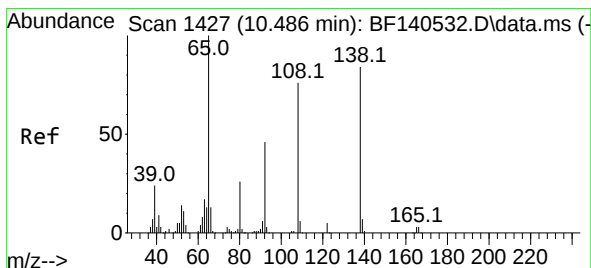
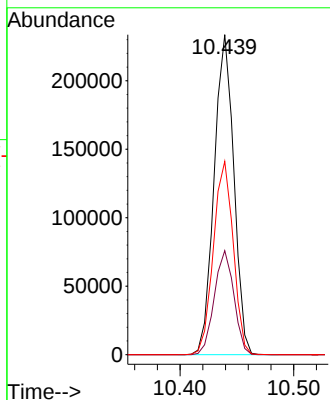
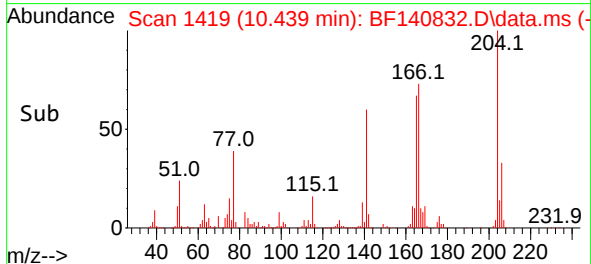
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:204 Resp: 28171
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 60.4 51.1 76.7

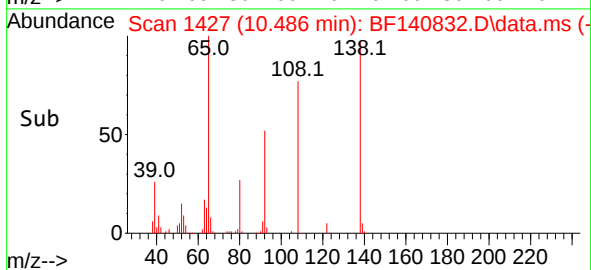
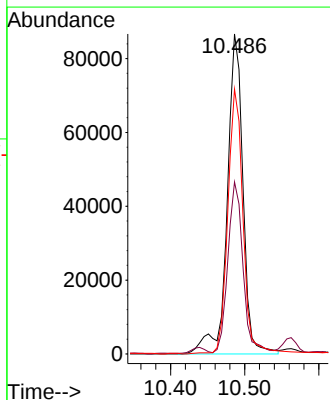
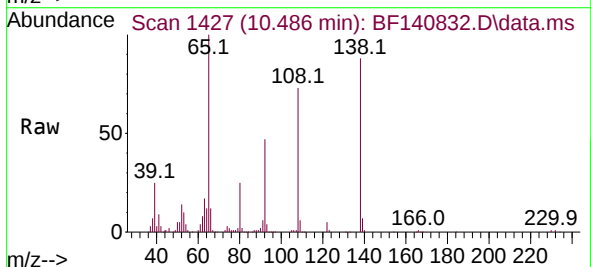
Manual Integrations
APPROVED

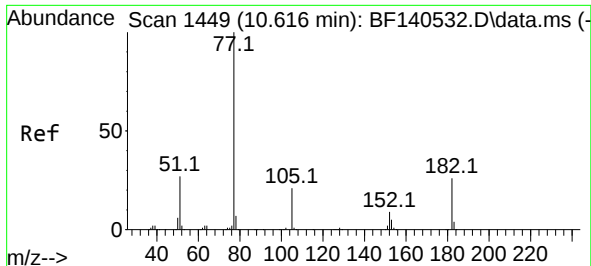
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 52.511 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

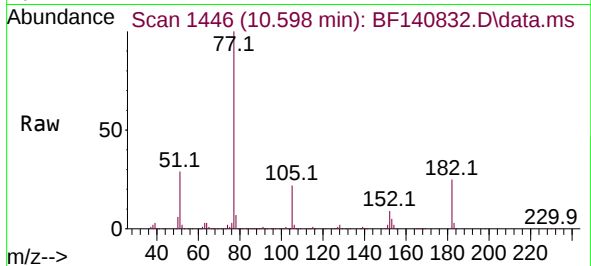
Tgt Ion:138 Resp: 128317
Ion Ratio Lower Upper
138 100
92 53.8 34.5 74.5
108 82.8 70.6 110.6





#63
Azobenzene
Concen: 59.872 ng
RT: 10.598 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

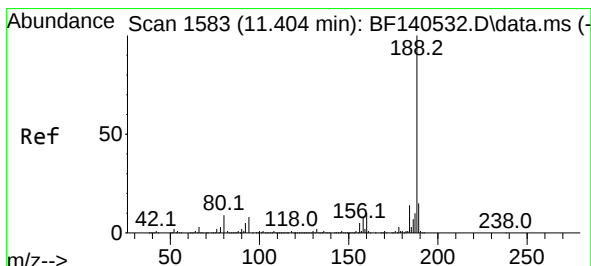
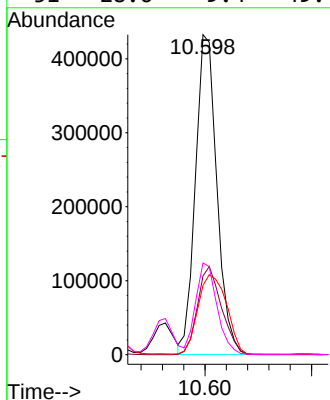
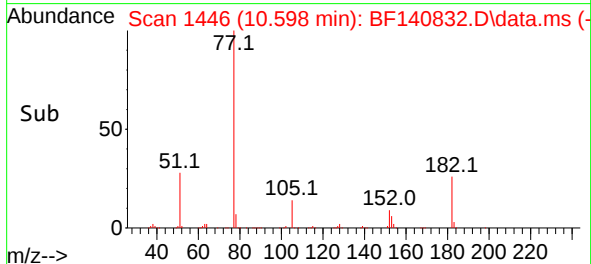
Instrument :
BNA_F
ClientSampleId :
WC-1MS



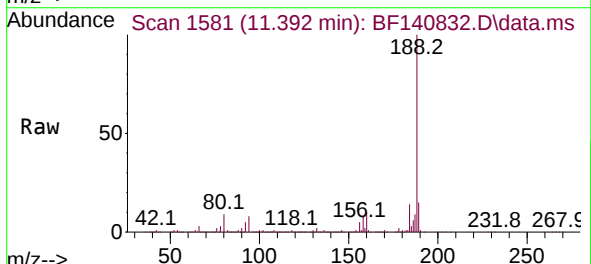
Tgt Ion: 77 Resp: 60509
Ion Ratio Lower Upper
77 100
182 24.6 5.3 45.3
105 21.7 0.3 40.3
51 28.6 9.4 49.4

Manual Integrations
APPROVED

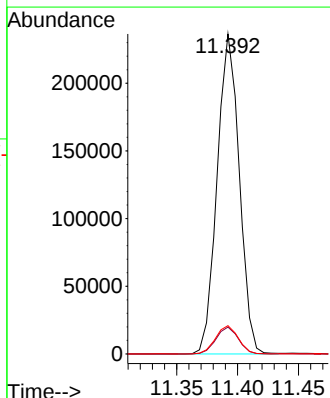
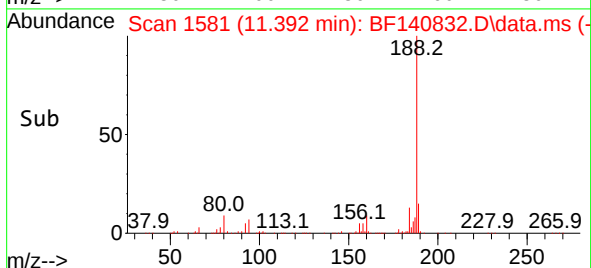
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

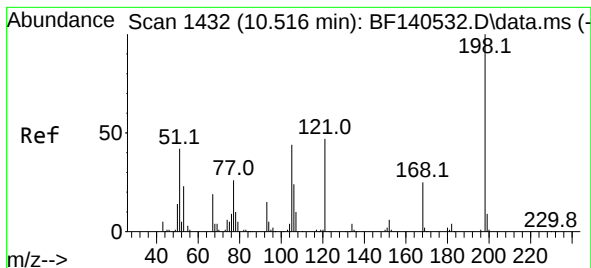


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35



Tgt Ion:188 Resp: 299599
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 8.9 6.9 10.3





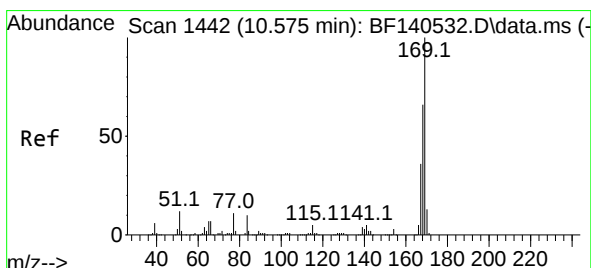
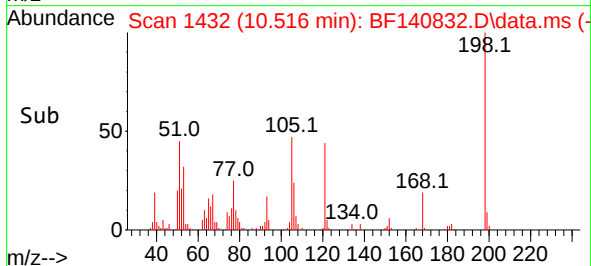
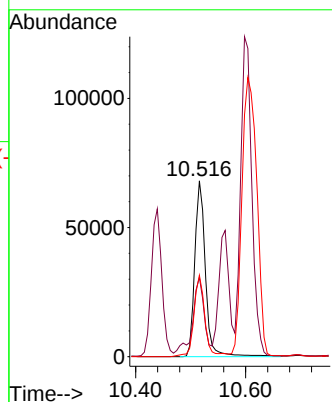
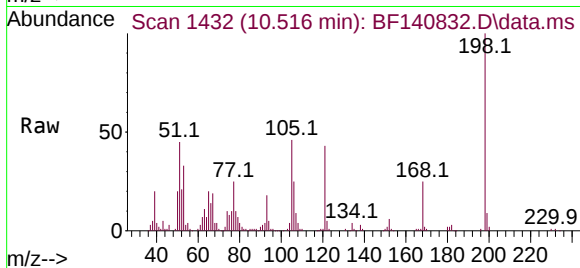
#65
4,6-Dinitro-2-methylphenol
Concen: 59.967 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:198 Resp: 9180
Ion Ratio Lower Upper
198 100
51 45.1 29.4 69.4
105 46.3 25.4 65.4

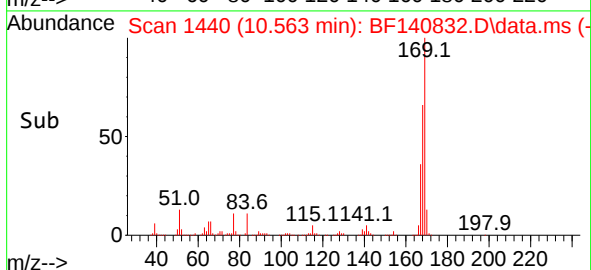
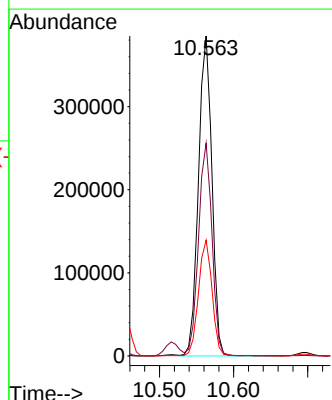
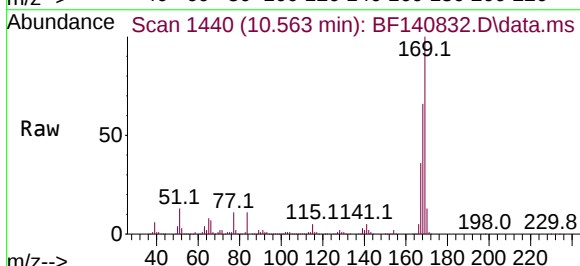
Manual Integrations
APPROVED

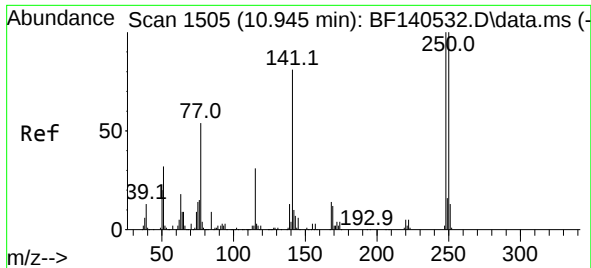
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 54.746 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

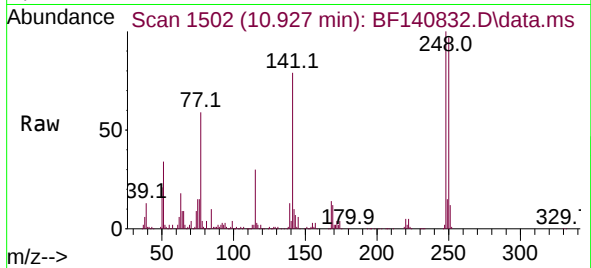
Tgt Ion:169 Resp: 485043
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 54.918 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.018 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

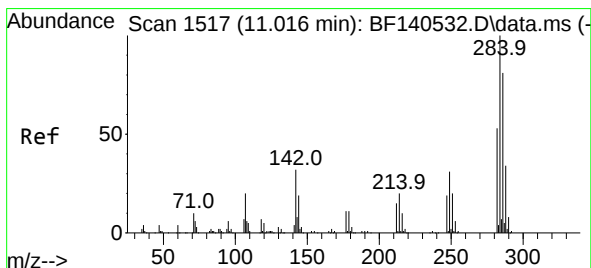
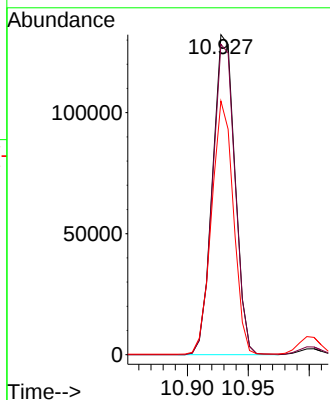
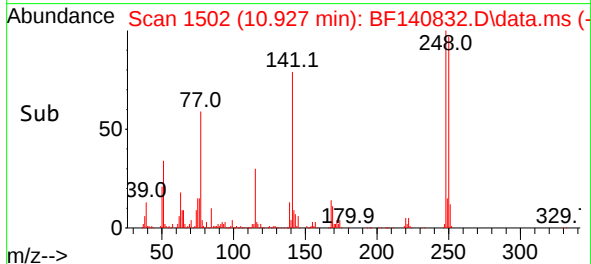
Instrument :
BNA_F
ClientSampleId :
WC-1MS



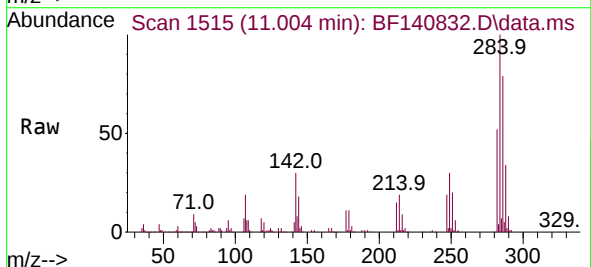
Tgt Ion:248 Resp: 16944
Ion Ratio Lower Upper
248 100
250 97.0 79.8 119.8
141 79.2 64.7 97.1

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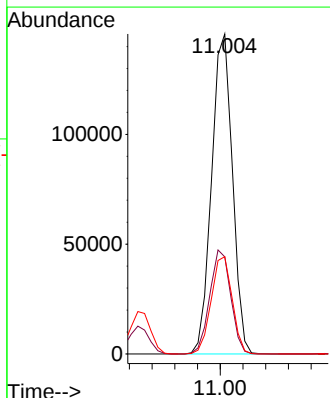
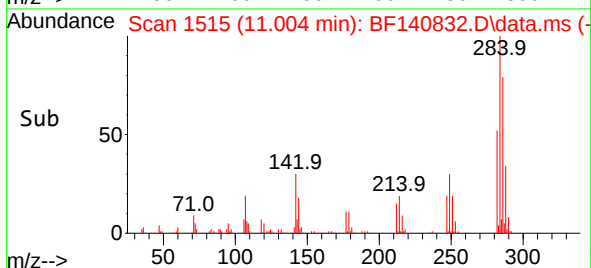
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

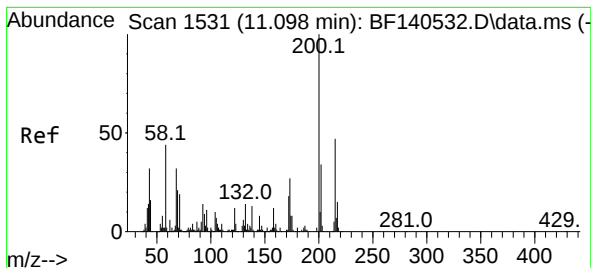


#68
Hexachlorobenzene
Concen: 51.998 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35



Tgt Ion:284 Resp: 185769
Ion Ratio Lower Upper
284 100
142 30.3 25.3 37.9
249 30.4 24.8 37.2





#69

Atrazine

Concen: 65.582 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:200 Resp: 163460

Ion Ratio Lower Upper

200 100

173 26.1 7.0 47.0

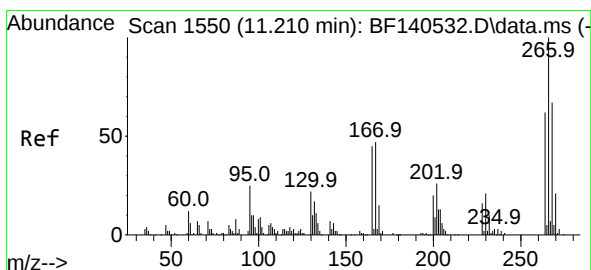
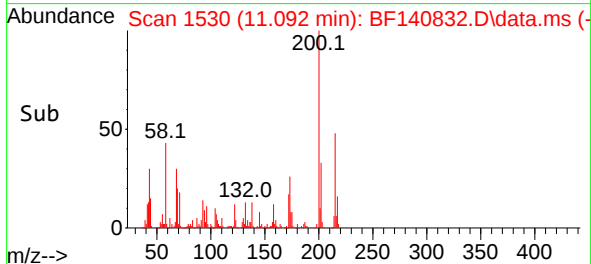
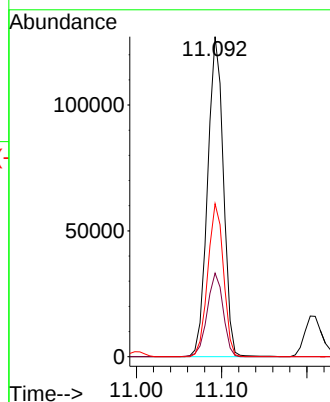
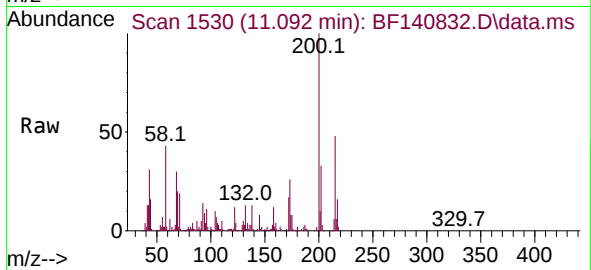
215 47.8 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 89.475 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

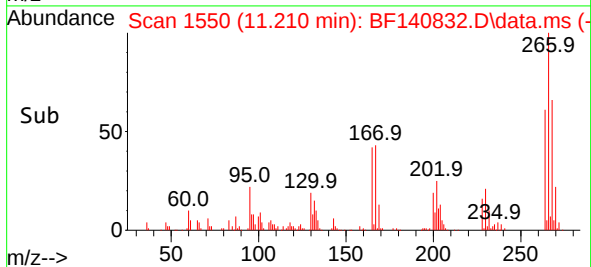
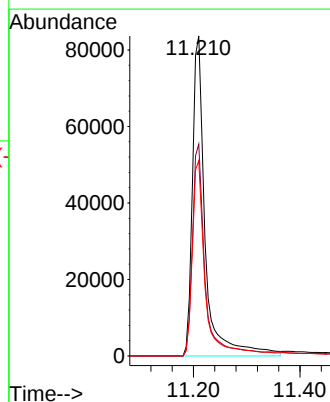
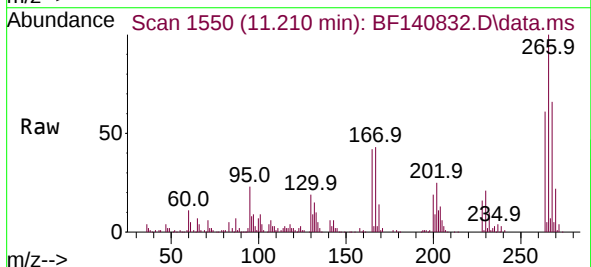
Tgt Ion:266 Resp: 140690

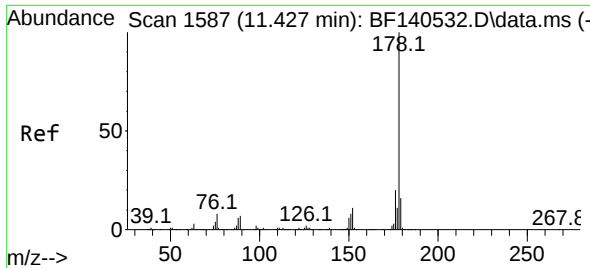
Ion Ratio Lower Upper

266 100

268 66.2 53.7 80.5

264 61.0 49.8 74.8





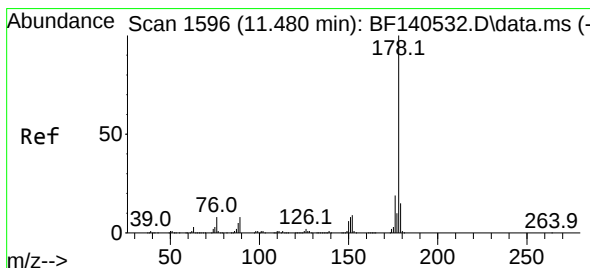
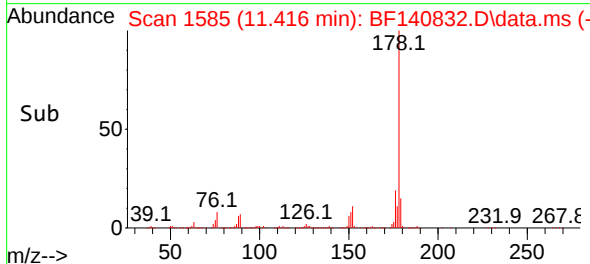
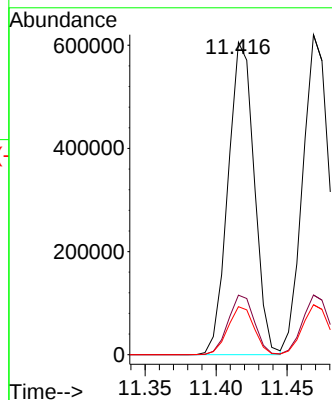
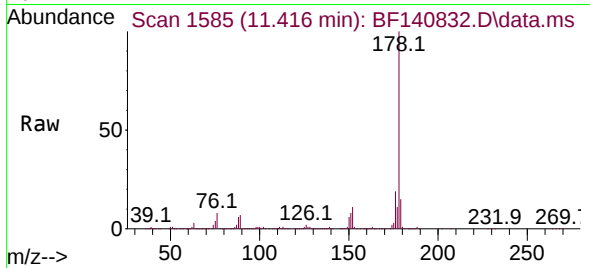
#71
Phenanthrene
Concen: 53.990 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:178 Resp: 777534
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.4 12.4 18.6

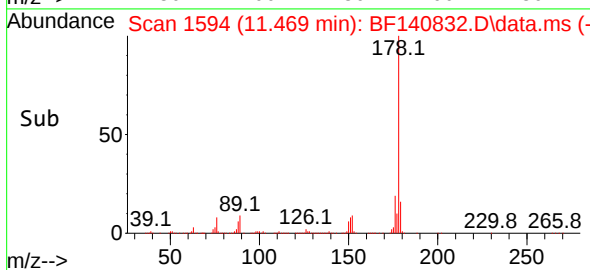
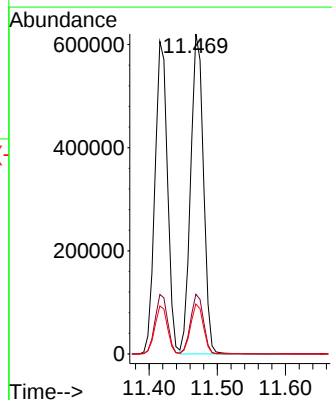
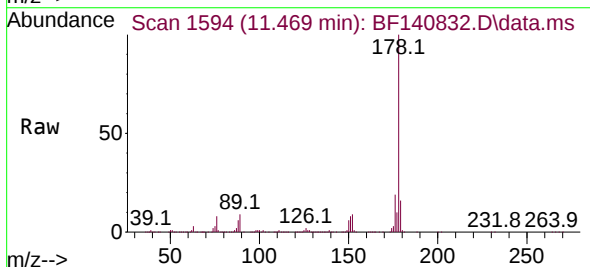
Manual Integrations
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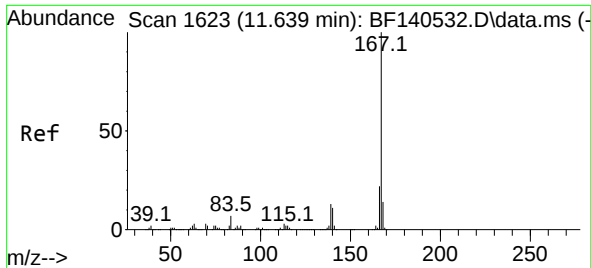
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#72
Anthracene
Concen: 56.933 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

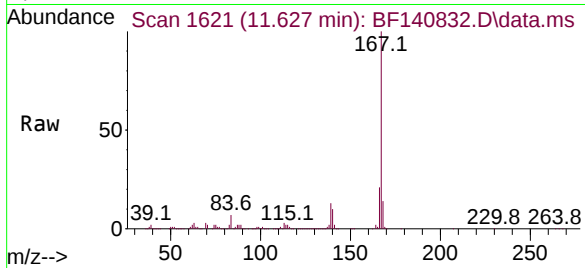
Tgt Ion:178 Resp: 802033
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.4





#73
Carbazole
Concen: 52.394 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

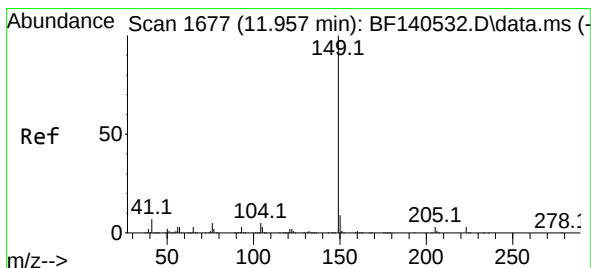
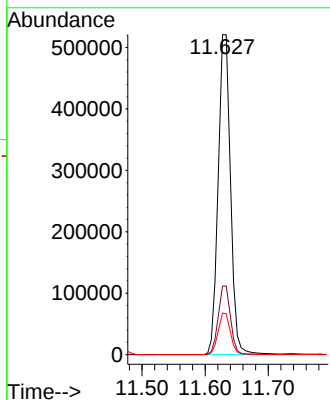
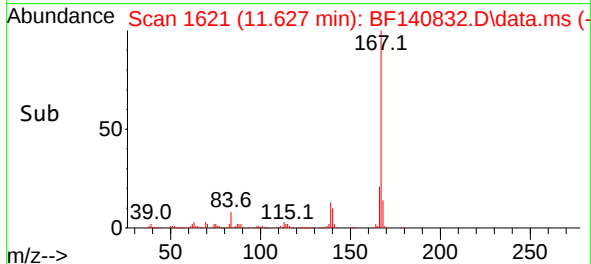
Instrument :
BNA_F
ClientSampleId :
WC-1MS



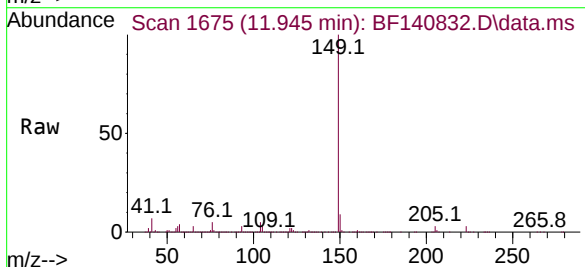
Tgt Ion:167 Resp: 710044
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.0 10.6 15.8

Manual Integrations
APPROVED

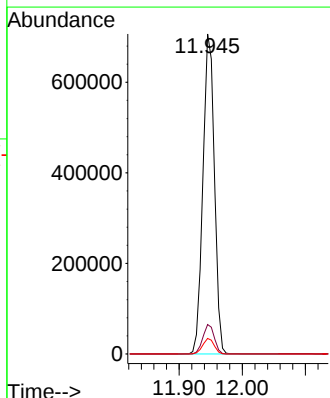
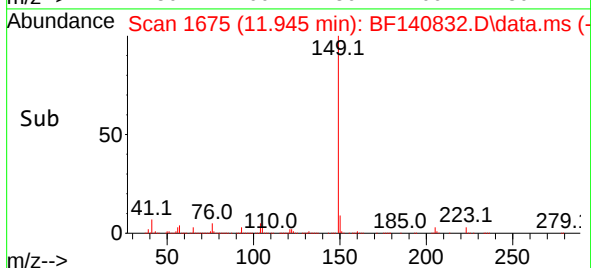
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

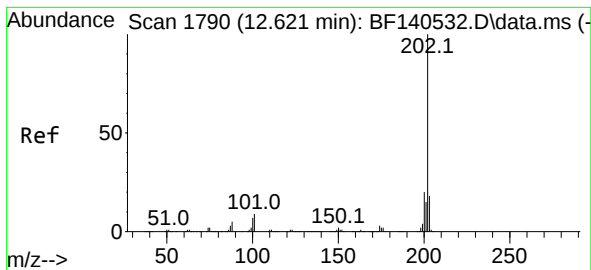


#74
Di-n-butylphthalate
Concen: 57.251 ng
RT: 11.945 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35



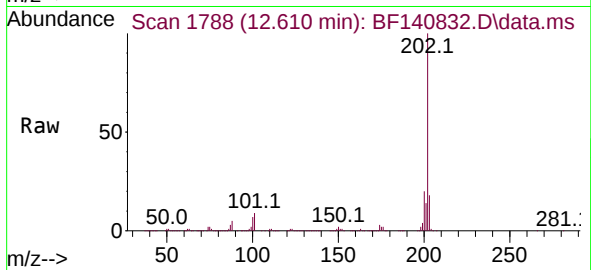
Tgt Ion:149 Resp: 895737
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 49.543 ng
RT: 12.610 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

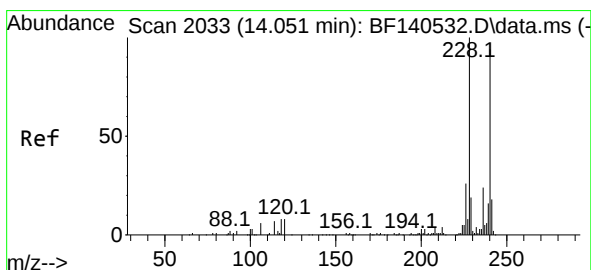
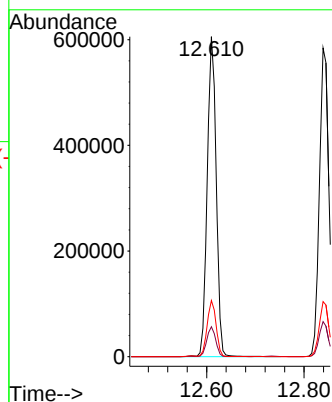
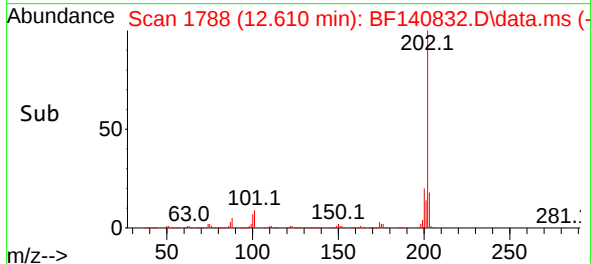
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:202 Resp: 774674
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.5 0.0 37.6

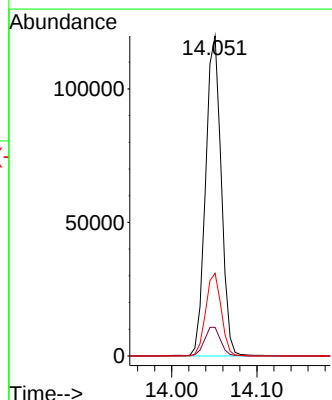
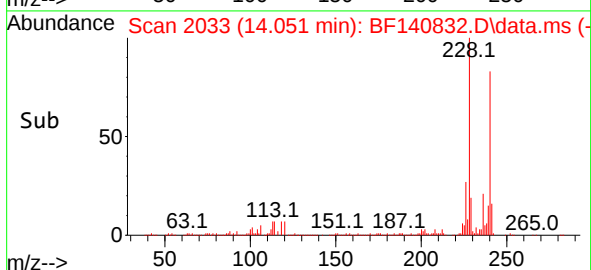
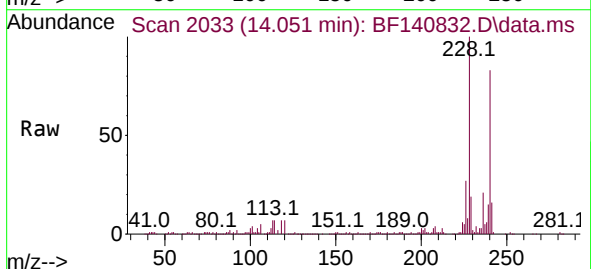
Manual Integrations
APPROVED

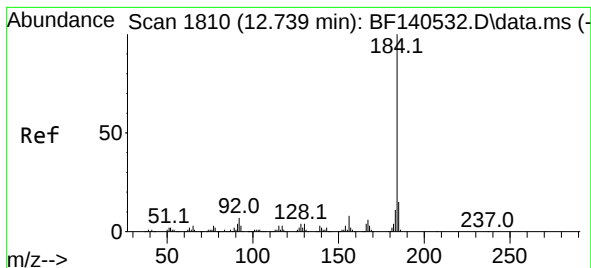
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:240 Resp: 152267
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.9 20.6 31.0





#77

Benzidine

Concen: 52.613 ng

RT: 12.733 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

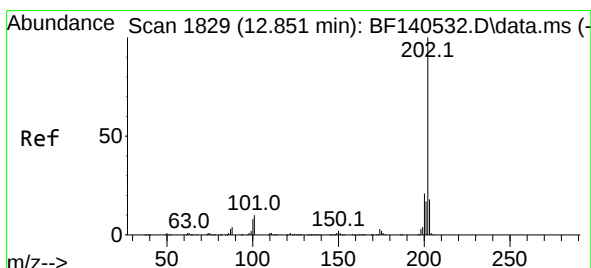
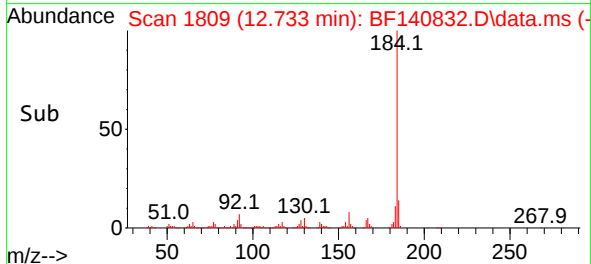
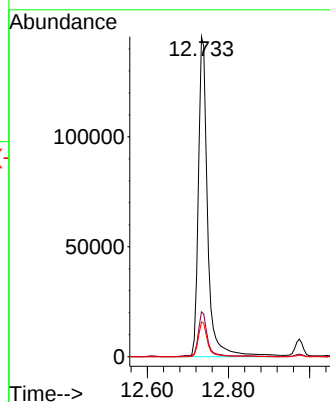
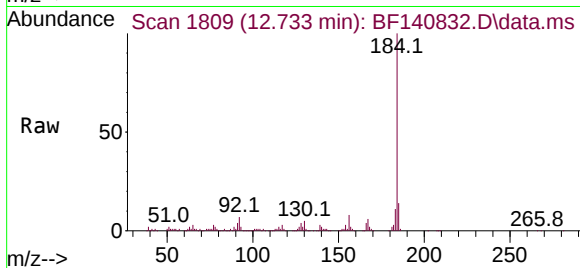
Tgt Ion:184 Resp: 232924
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.7 17.5
 183 10.8 8.8 13.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#78

Pyrene

Concen: 54.859 ng

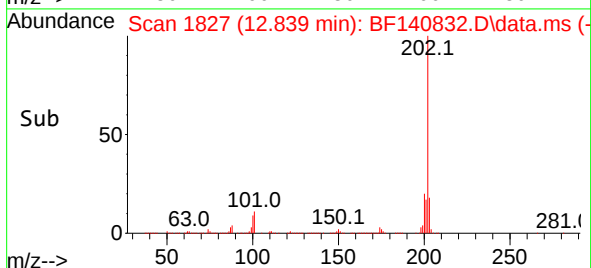
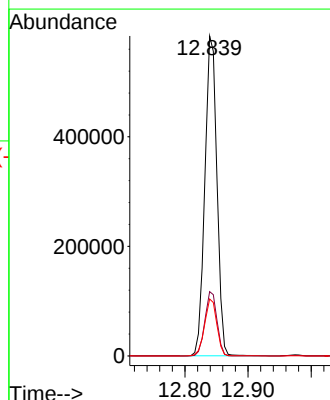
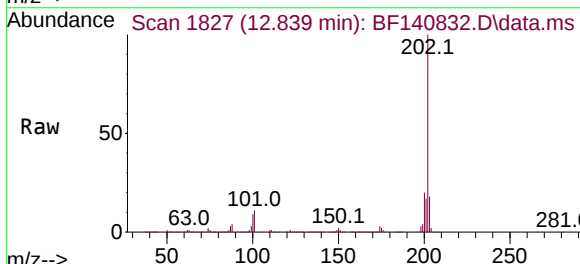
RT: 12.839 min Scan# 1827

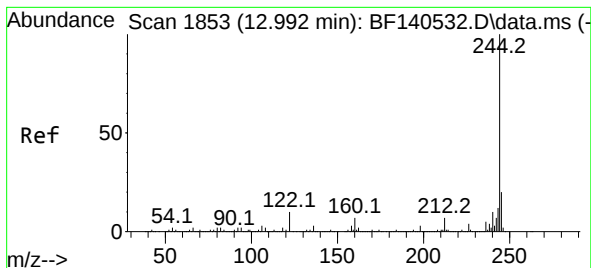
Delta R.T. -0.012 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Tgt Ion:202 Resp: 772355
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.5 24.7
 203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 69.156 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

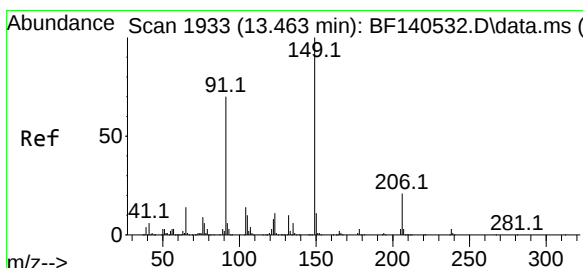
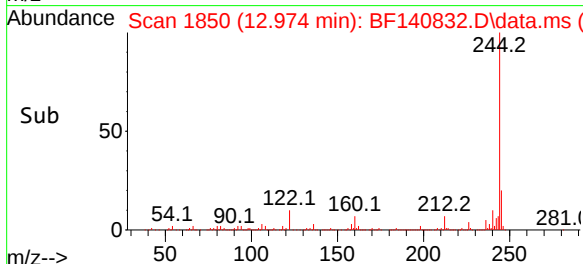
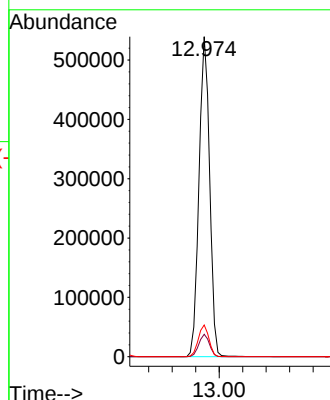
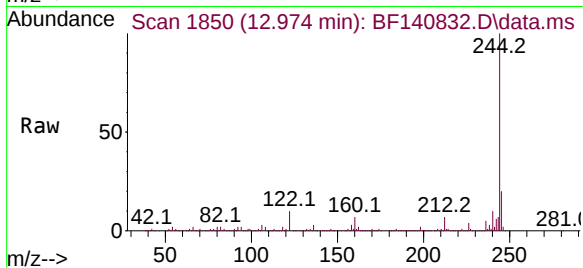
WC-1MS

Tgt Ion:244 Resp: 676250
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.9 8.0 12.0

Manual Integrations

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



#80

Butylbenzylphthalate

Concen: 57.328 ng

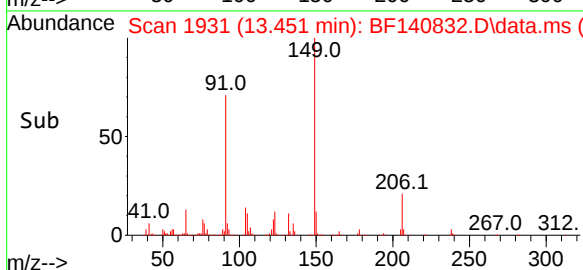
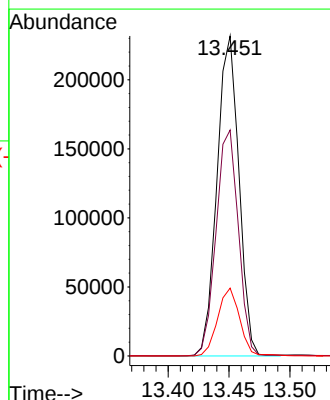
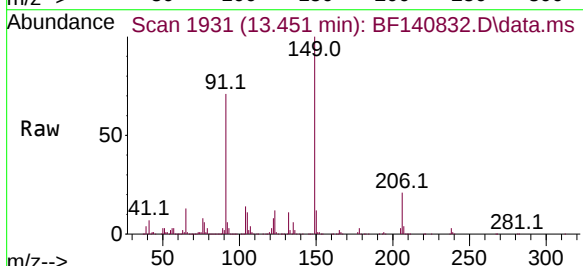
RT: 13.451 min Scan# 1931

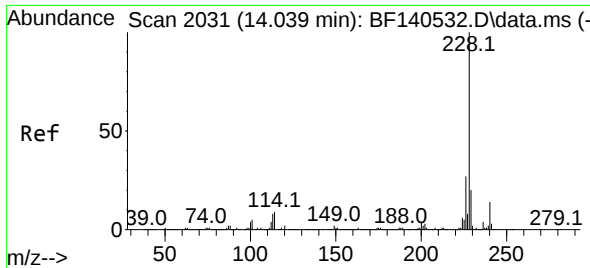
Delta R.T. -0.012 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Tgt Ion:149 Resp: 290758
 Ion Ratio Lower Upper
 149 100
 91 70.6 56.2 84.2
 206 21.2 16.4 24.6





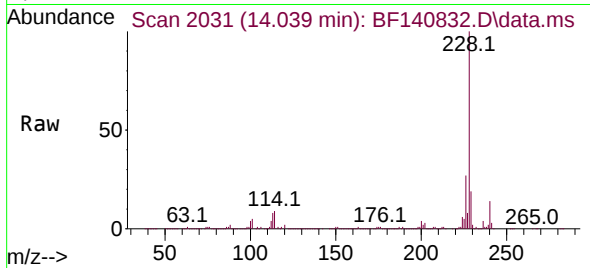
#81
Benzo(a)anthracene
Concen: 54.382 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS



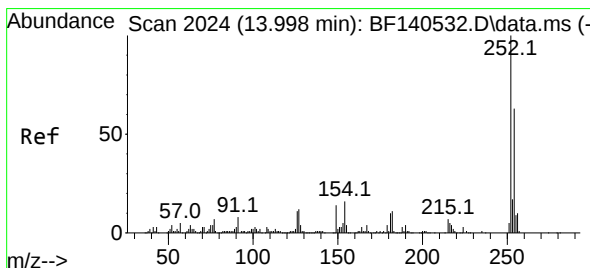
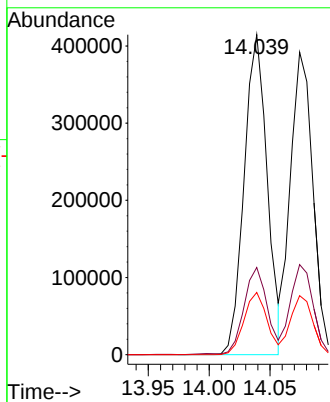
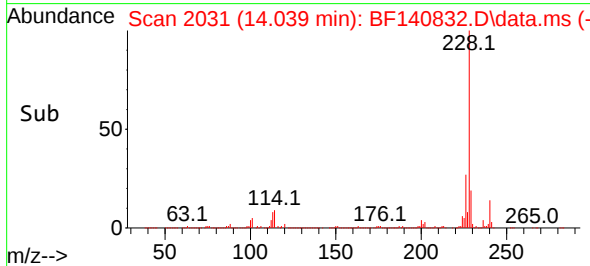
Tgt Ion:228 Resp: 54814
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.5 15.8 23.6

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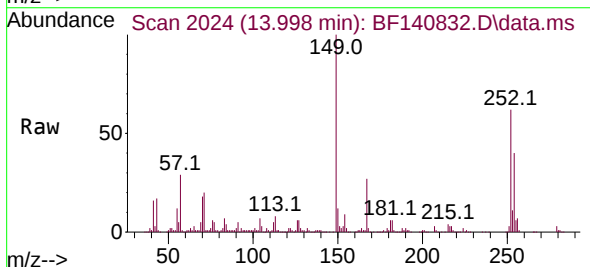
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

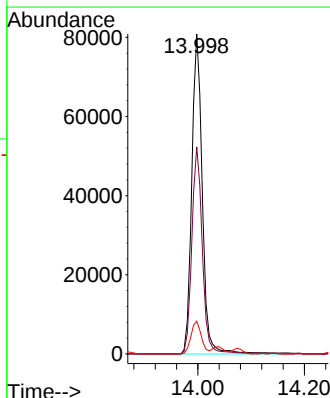
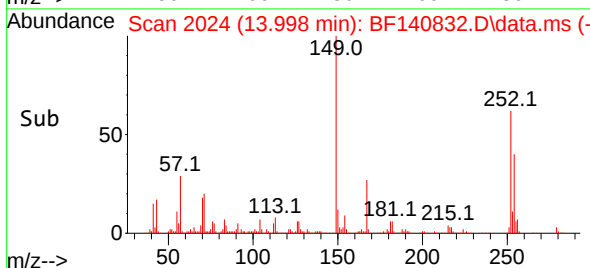
Supervised By :mohammad ahmed 12/12/2024

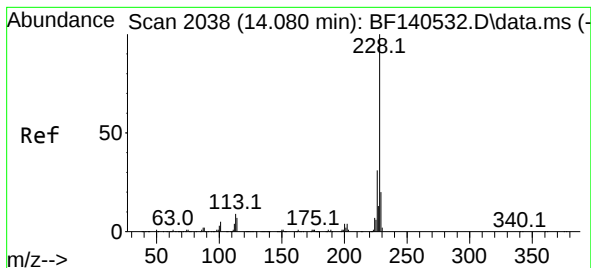


#82
3,3'-Dichlorobenzidine
Concen: 36.784 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35



Tgt Ion:252 Resp: 111316
Ion Ratio Lower Upper
252 100
254 64.7 50.8 76.2
126 10.2 8.6 13.0





#83

Chrysene

Concen: 54.723 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

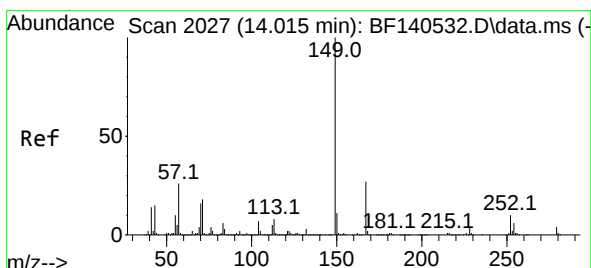
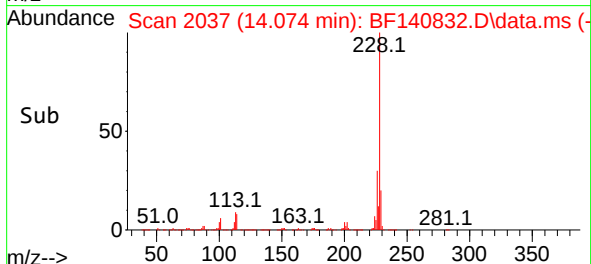
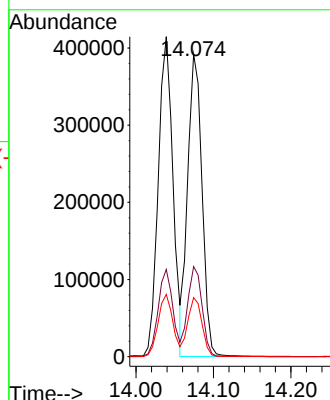
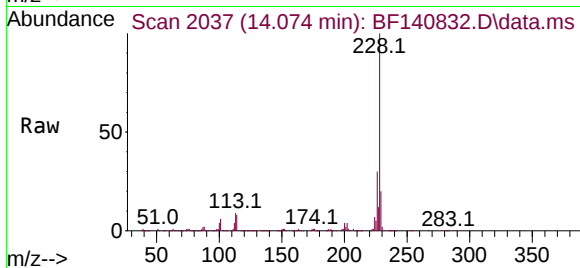
Tgt Ion:228	Resp: 50435
Ion Ratio	Lower Upper
228 100	
226 29.8	24.4 36.6
229 19.5	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.520 ng

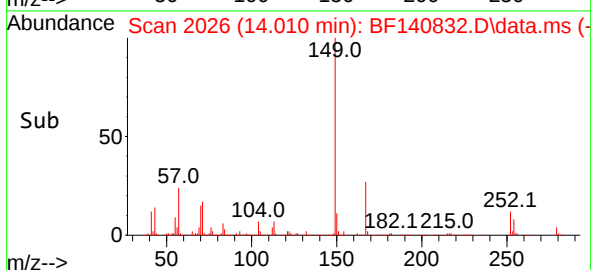
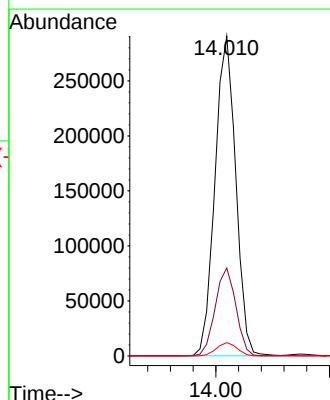
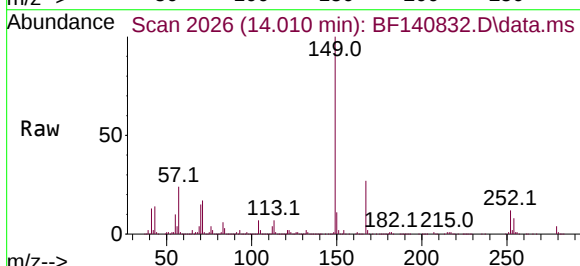
RT: 14.010 min Scan# 2026

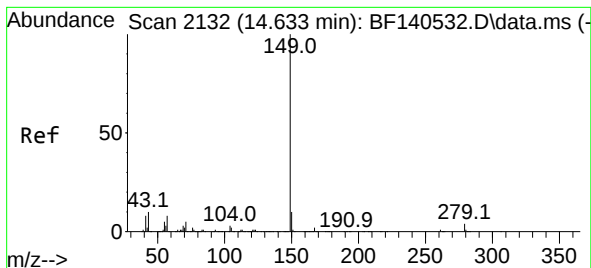
Delta R.T. -0.006 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Tgt Ion:149	Resp: 368370
Ion Ratio	Lower Upper
149 100	
167 27.5	21.2 31.8
279 4.2	3.2 4.8





#85

Di-n-octyl phthalate

Concen: 61.434 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.012 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:149 Resp: 537680

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

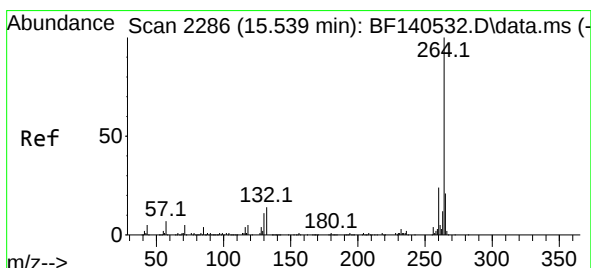
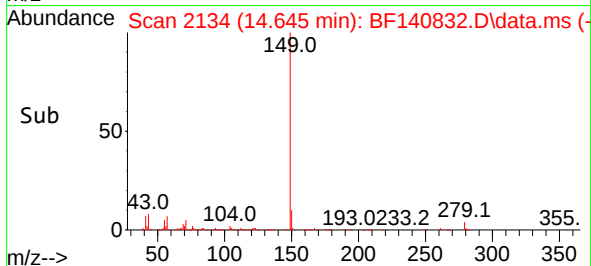
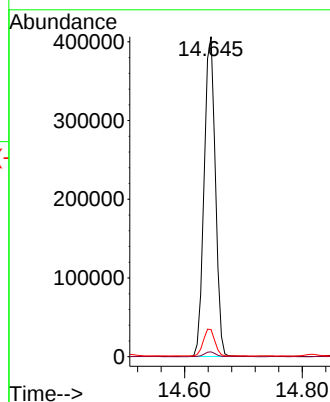
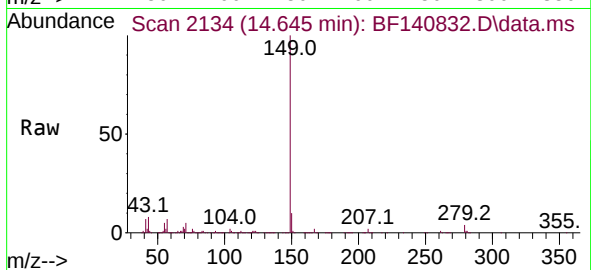
43 8.6 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2289

Delta R.T. 0.018 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

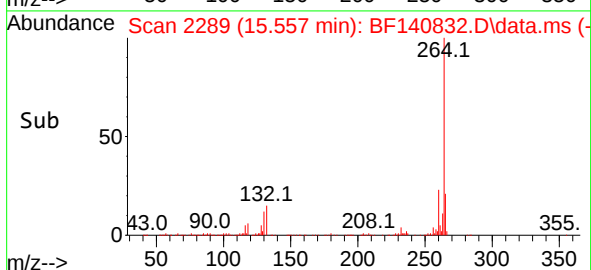
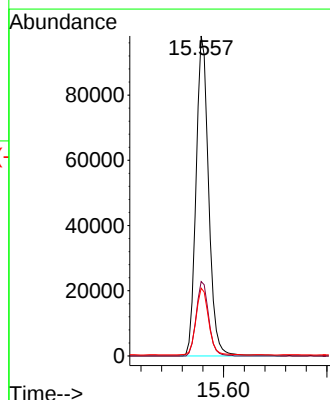
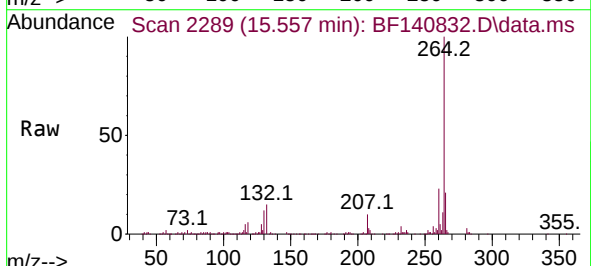
Tgt Ion:264 Resp: 165688

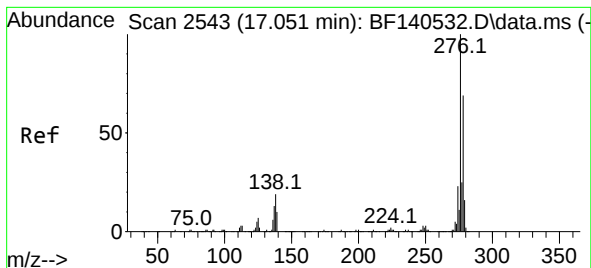
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.060 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:276 Resp: 626910

Ion Ratio Lower Upper

276 100

138 21.2 15.5 23.3

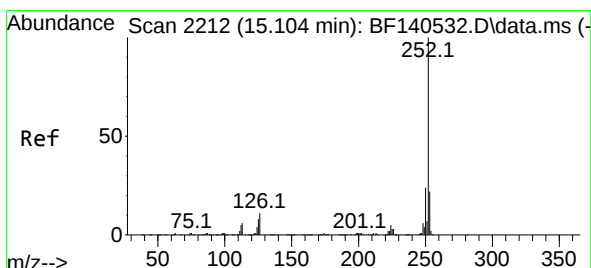
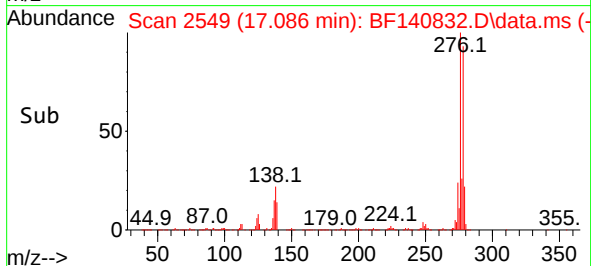
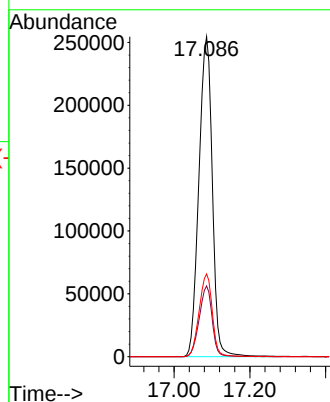
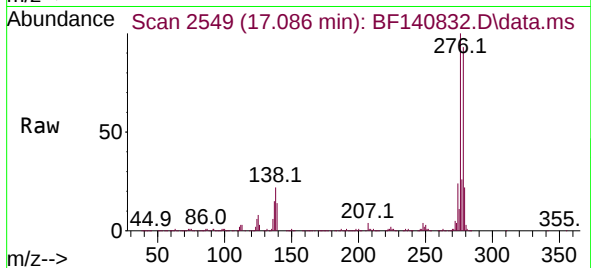
277 25.3 20.1 30.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#88

Benzo(b)fluoranthene

Concen: 49.668 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

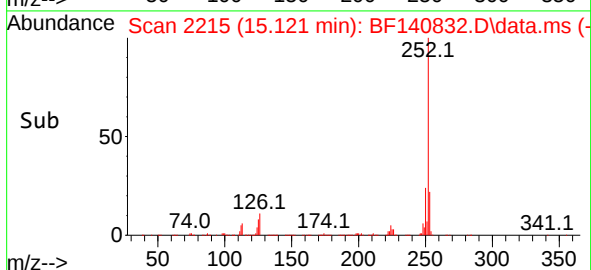
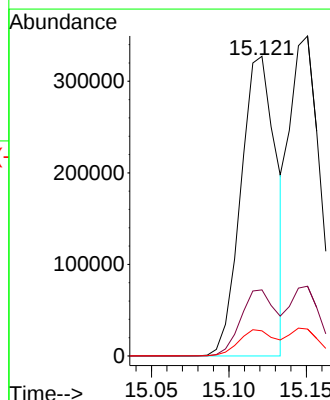
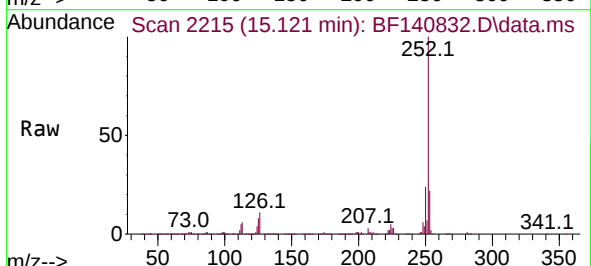
Tgt Ion:252 Resp: 516903

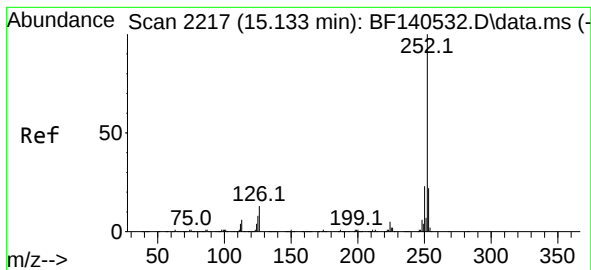
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 52.673 ng

RT: 15.151 min Scan# 2220

Delta R.T. 0.018 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:252 Resp: 479699

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

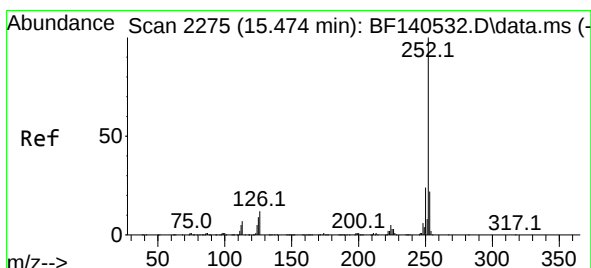
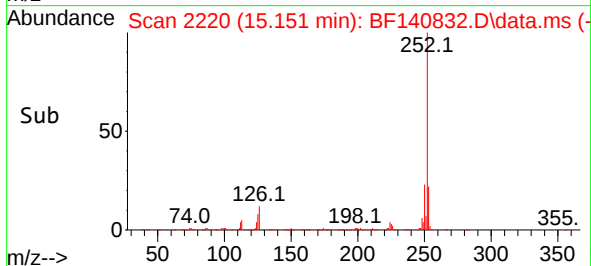
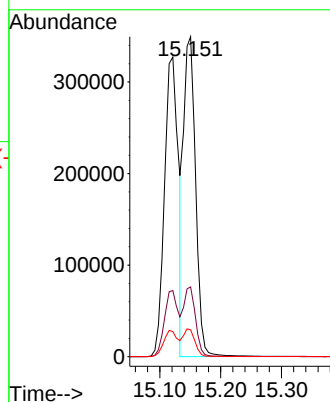
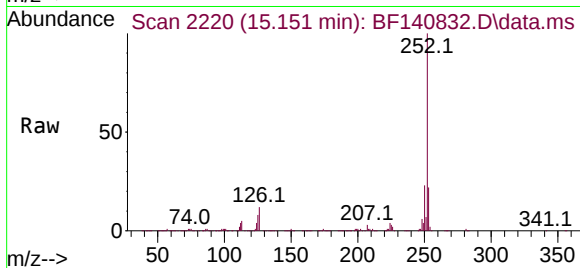
125 8.4 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 57.536 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.023 min

Lab File: BF140832.D

Acq: 11 Dec 2024 16:35

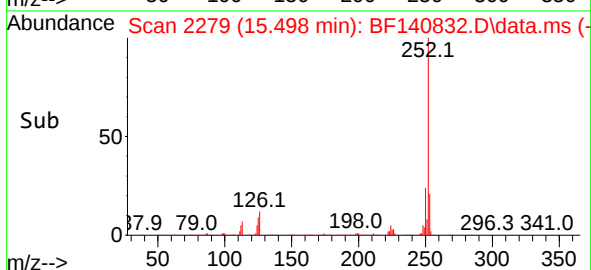
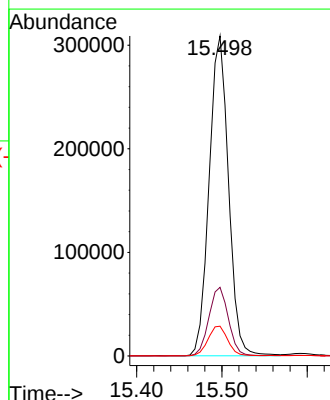
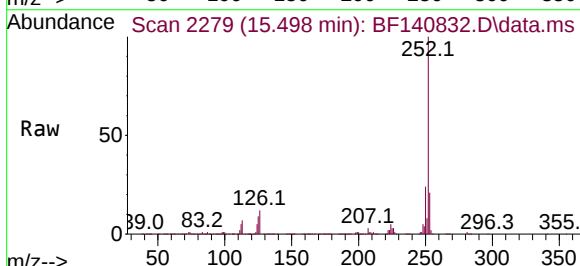
Tgt Ion:252 Resp: 486858

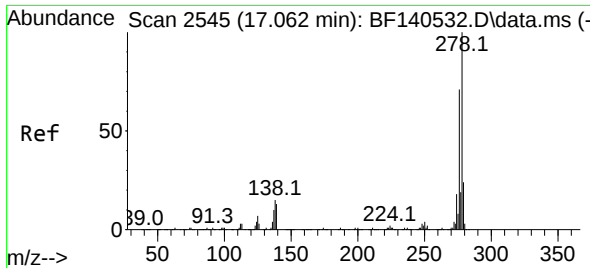
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

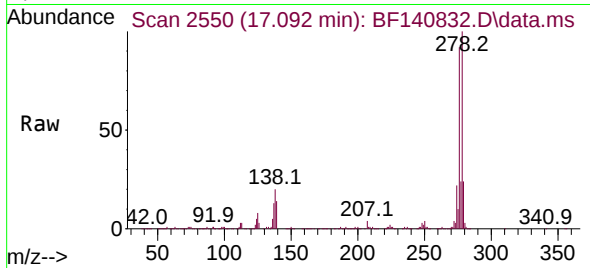
125 9.3 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 57.702 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

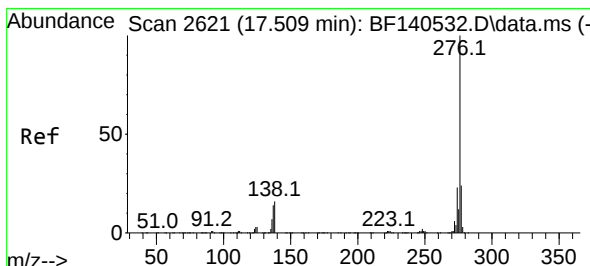
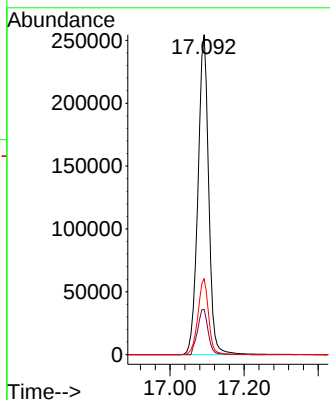
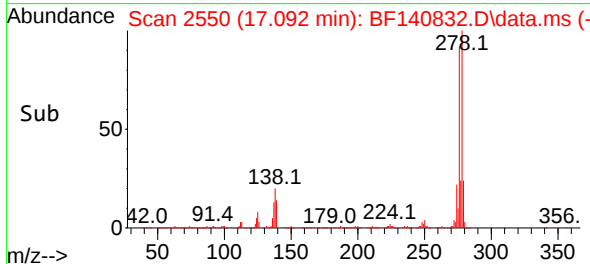
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:278 Resp: 51025
Ion Ratio Lower Upper
278 100
139 14.2 10.2 15.4
279 23.7 18.9 28.3

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.876 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.029 min
Lab File: BF140832.D
Acq: 11 Dec 2024 16:35

Tgt Ion:276 Resp: 404945
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 17.7 13.2 19.8

