

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140577.D
 Acq On : 22 Nov 2024 15:06
 Operator : RC/JU
 Sample : P4938-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 15:32:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	84528	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	315703	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	175034	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	341593	20.000	ng	0.00
76) Chrysene-d12	14.051	240	201797	20.000	ng	0.00
86) Perylene-d12	15.533	264	190352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	605018	122.124	ng	0.00
7) Phenol-d6	6.510	99	781202	119.277	ng	0.00
23) Nitrobenzene-d5	7.433	82	503341	81.551	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	233097	124.518	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	892733	75.992	ng	0.00
79) Terphenyl-d14	12.986	244	977591	75.434	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	101090	48.532	ng	99
3) Pyridine	3.463	79	246092	53.697	ng	99
4) n-Nitrosodimethylamine	3.416	42	143440	53.253	ng	98
6) Aniline	6.534	93	195582	42.427	ng	# 81
8) 2-Chlorophenol	6.663	128	276712	51.917	ng	96
9) Benzaldehyde	6.422	77	139991	40.376	ng	96
10) Phenol	6.528	94	354698	53.030	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	265058	51.786	ng	99
12) 1,3-Dichlorobenzene	6.810	146	295695	49.374	ng	99
13) 1,4-Dichlorobenzene	6.886	146	295404	48.714	ng	98
14) 1,2-Dichlorobenzene	7.039	146	280711	49.402	ng	98
15) Benzyl Alcohol	7.016	79	248113	51.083	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	326279	53.959	ng	92
17) 2-Methylphenol	7.128	107	218542	51.222	ng	97
18) Hexachloroethane	7.381	117	119239	52.648	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	205625	53.123	ng	98
20) 3+4-Methylphenols	7.281	107	278882	50.854	ng	93
22) Acetophenone	7.281	105	379173	49.264	ng	98
24) Nitrobenzene	7.457	77	307966	48.278	ng	98
25) Isophorone	7.692	82	537141	52.177	ng	99
26) 2-Nitrophenol	7.769	139	148857	52.657	ng	99
27) 2,4-Dimethylphenol	7.810	122	221928m	65.614	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	324370	51.722	ng	99
29) 2,4-Dichlorophenol	8.016	162	231475	51.647	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	241597	47.212	ng	100
31) Naphthalene	8.175	128	804693	49.485	ng	99
32) Benzoic acid	7.939	122	137725	46.973	ng	98
33) 4-Chloroaniline	8.228	127	60801	12.488	ng	98
34) Hexachlorobutadiene	8.286	225	162703	48.003	ng	98
35) Caprolactam	8.592	113	79607m	57.396	ng	
36) 4-Chloro-3-methylphenol	8.716	107	248078	49.438	ng	99
37) 2-Methylnaphthalene	8.869	142	512074	49.578	ng	100
38) 1-Methylnaphthalene	8.963	142	473243	46.744	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	247720	48.344	ng	98
41) Hexachlorocyclopentadiene	9.016	237	210514	173.404	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	163512	50.854	ng	98

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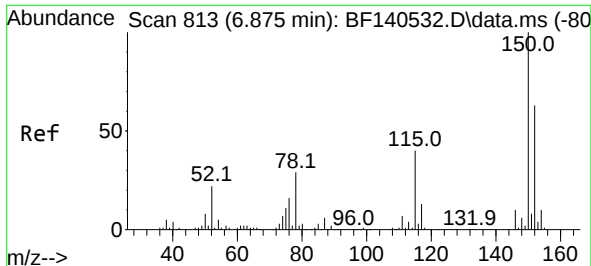
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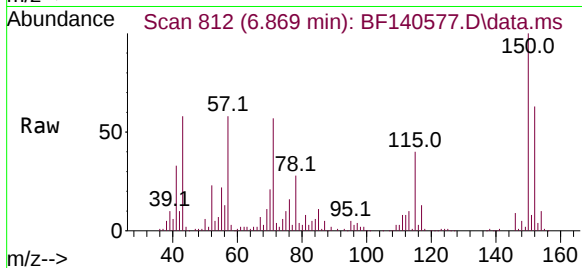
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	172601	49.462	ng	99
46) 1,1'-Biphenyl	9.327	154	640020	48.975	ng	99
47) 2-Chloronaphthalene	9.357	162	478057	48.279	ng	99
48) 2-Nitroaniline	9.457	65	157365	49.511	ng	96
49) Acenaphthylene	9.774	152	786178	52.547	ng	99
50) Dimethylphthalate	9.633	163	584404	50.696	ng	100
51) 2,6-Dinitrotoluene	9.698	165	125793	48.115	ng	95
52) Acenaphthene	9.945	154	492885	51.848	ng	99
53) 3-Nitroaniline	9.863	138	61912	24.213	ng	99
54) 2,4-Dinitrophenol	9.980	184	125060	91.153	ng	99
55) Dibenzofuran	10.116	168	726692	50.116	ng	99
56) 4-Nitrophenol	10.039	139	190643	109.321	ng	97
57) 2,4-Dinitrotoluene	10.104	165	174688	50.275	ng	98
58) Fluorene	10.463	166	578539	49.707	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	147553	55.019	ng	96
60) Diethylphthalate	10.327	149	603428	51.521	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	282362	49.434	ng	98
62) 4-Nitroaniline	10.486	138	123400	46.013	ng	97
63) Azobenzene	10.610	77	609245	54.929	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	91140	52.213	ng	96
66) n-Nitrosodiphenylamine	10.569	169	499480	49.445	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	171100	48.637	ng	97
68) Hexachlorobenzene	11.010	284	193339	47.464	ng	98
69) Atrazine	11.098	200	166686	58.654	ng	100
70) Pentachlorophenol	11.210	266	198468	110.704	ng	100
71) Phenanthrene	11.427	178	827609	50.402	ng	100
72) Anthracene	11.480	178	844772	52.595	ng	100
73) Carbazole	11.633	167	782371	50.633	ng	100
74) Di-n-butylphthalate	11.957	149	925038	51.855	ng	99
75) Fluoranthene	12.616	202	911742	51.141	ng	99
77) Benzidine	12.739	184	228277	38.908	ng	99
78) Pyrene	12.845	202	916862	49.139	ng	99
80) Butylbenzylphthalate	13.457	149	345319	51.375	ng	97
81) Benzo(a)anthracene	14.039	228	686780	51.413	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	137193	34.207	ng	98
83) Chrysene	14.074	228	607710	49.753	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	450416	53.069	ng	99
85) Di-n-octyl phthalate	14.633	149	681766	58.777	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	600555	48.412	ng	98
88) Benzo(b)fluoranthene	15.098	252	623402	52.140	ng	98
89) Benzo(k)fluoranthene	15.127	252	510422	48.785	ng	99
90) Benzo(a)pyrene	15.474	252	530302	54.550	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	488168	48.052	ng	99
92) Benzo(g,h,i)perylene	17.498	276	439837	42.427	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

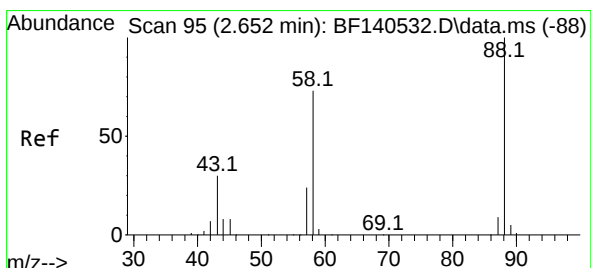
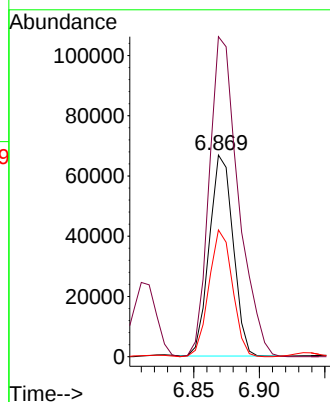
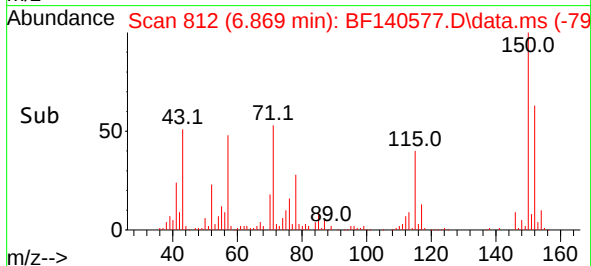
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:152 Resp: 84528
Ion Ratio Lower Upper
152 100
150 158.7 128.5 192.7
115 62.9 50.2 75.4

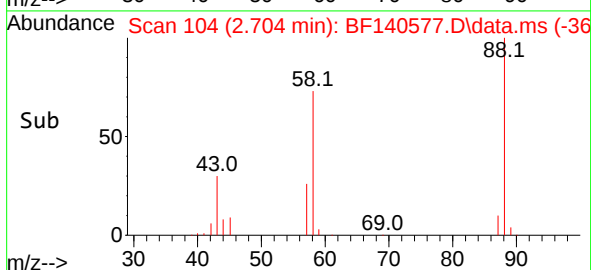
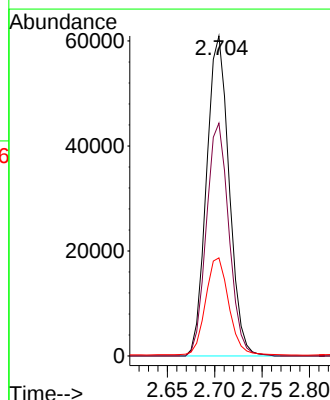
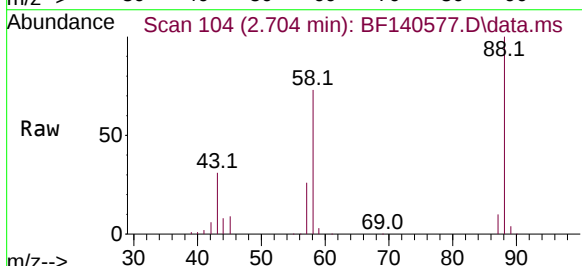
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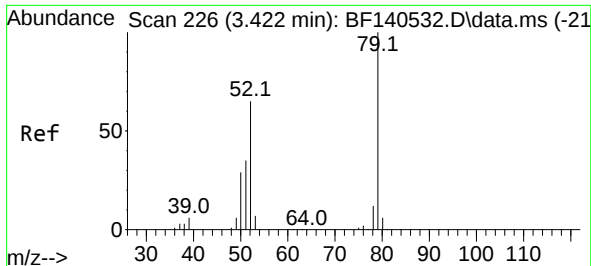
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 48.532 ng
RT: 2.704 min Scan# 104
Delta R.T. 0.053 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion: 88 Resp: 101090
Ion Ratio Lower Upper
88 100
58 72.7 57.4 86.2
43 31.5 24.3 36.5





#3

Pyridine

Concen: 53.697 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

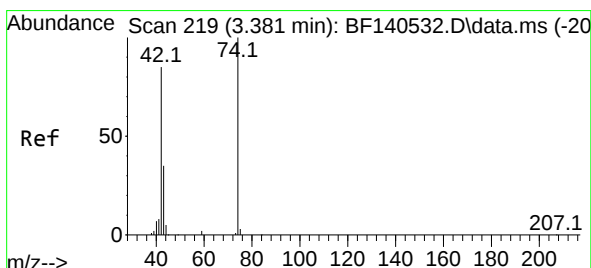
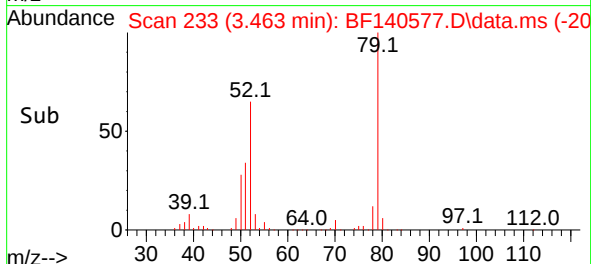
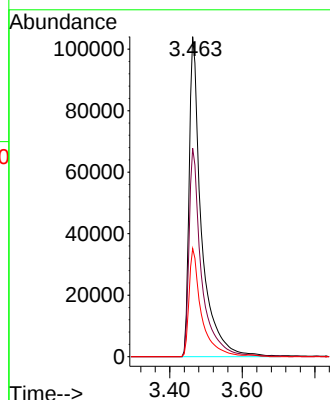
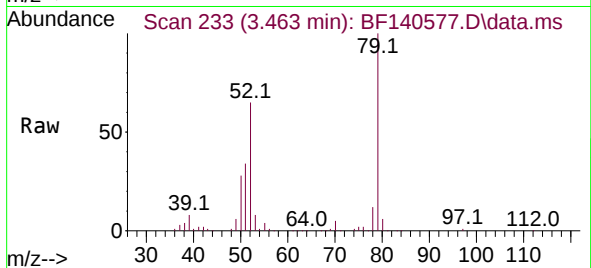
MH-732MSD

Tgt Ion: 79 Resp: 246092
 Ion Ratio Lower Upper
 79 100
 52 65.2 52.1 78.1
 51 33.8 27.8 41.8

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#4

n-Nitrosodimethylamine

Concen: 53.253 ng

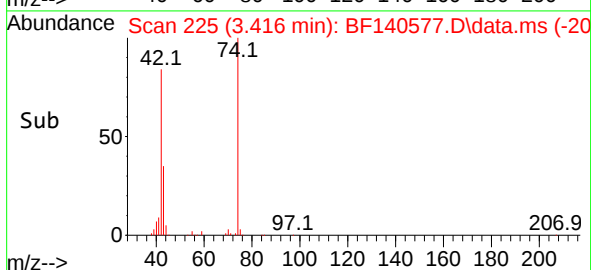
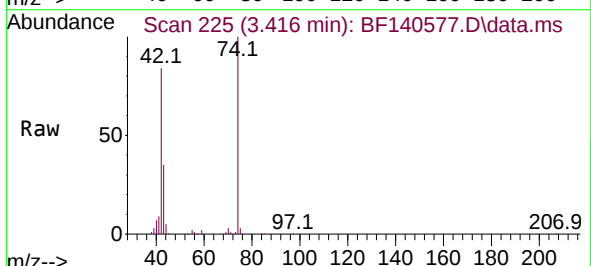
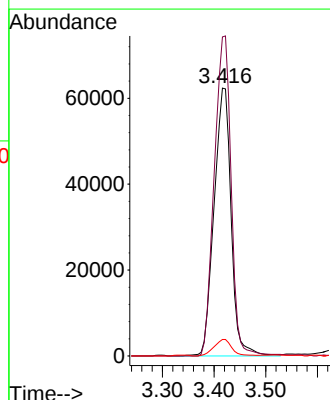
RT: 3.416 min Scan# 225

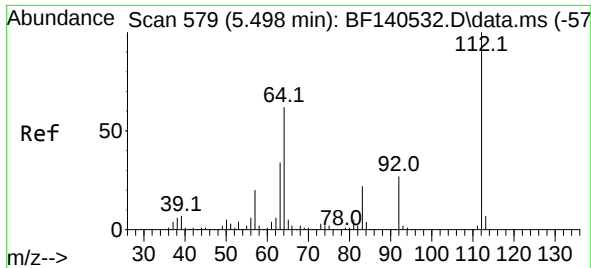
Delta R.T. 0.035 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Tgt Ion: 42 Resp: 143440
 Ion Ratio Lower Upper
 42 100
 74 119.1 93.8 140.6
 44 6.1 4.6 6.8





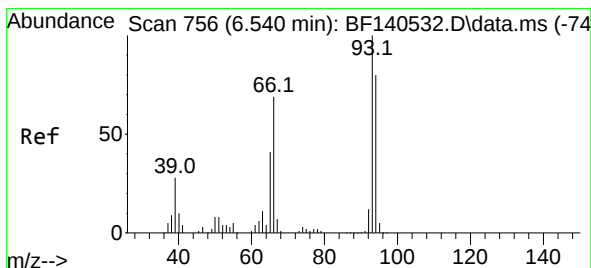
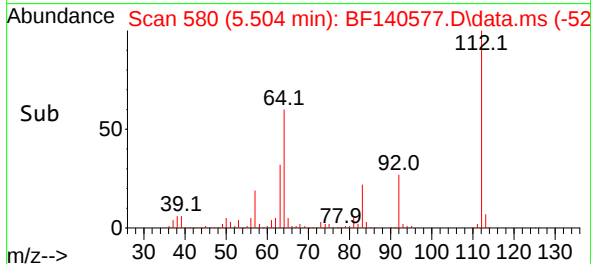
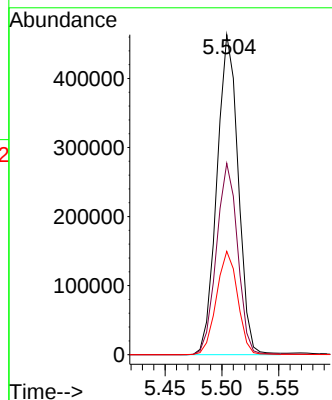
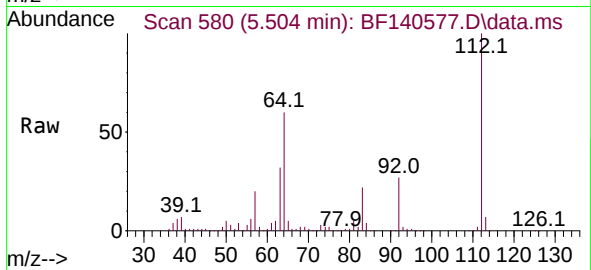
#5
2-Fluorophenol
Concen: 122.124 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:112 Resp: 605018
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 32.3 27.0 40.4

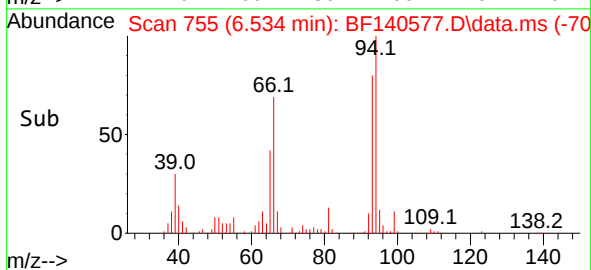
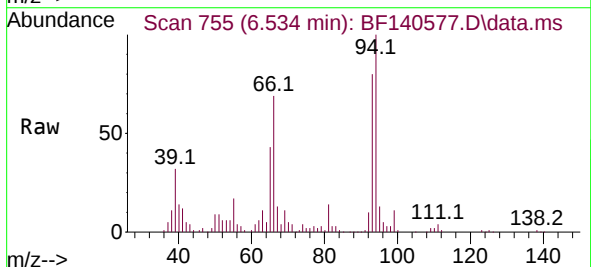
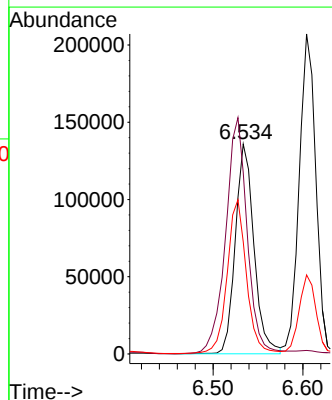
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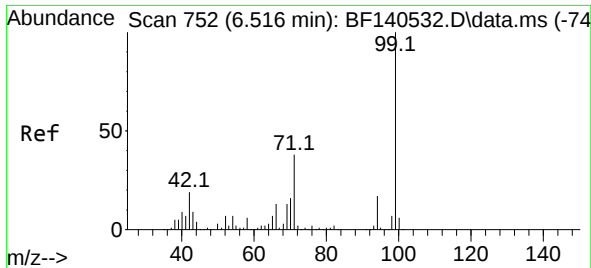
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 42.427 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

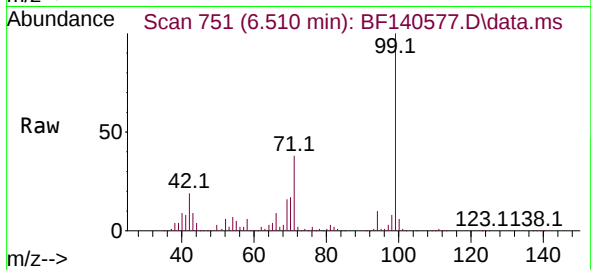
Tgt Ion: 93 Resp: 195582
Ion Ratio Lower Upper
93 100
66 86.4 56.5 84.7#
65 53.5 32.9 49.3#





#7
Phenol-d6
Concen: 119.277 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

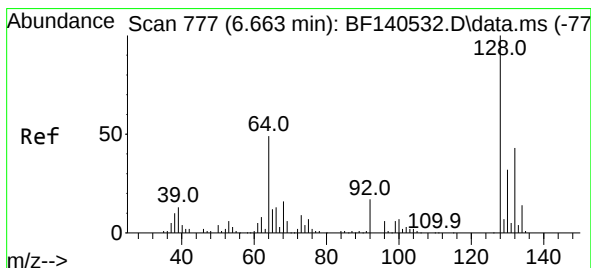
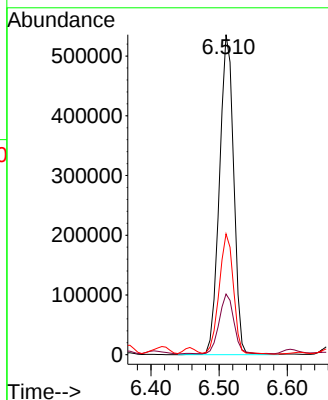
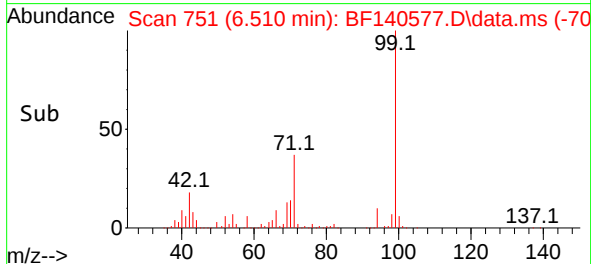
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 78120
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 37.8 30.6 46.0

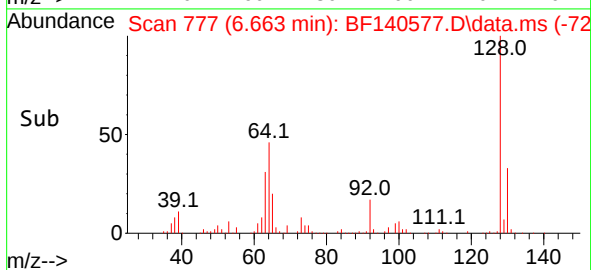
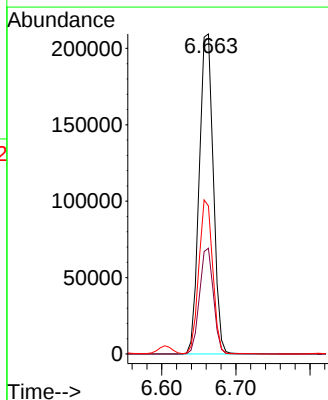
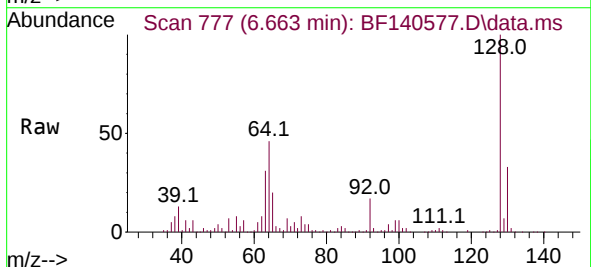
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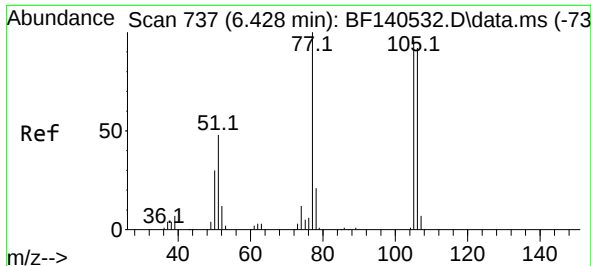
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 51.917 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

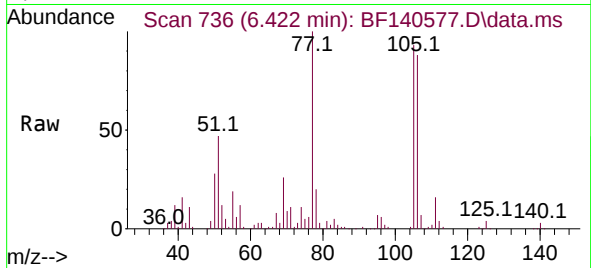
Tgt Ion:128 Resp: 276712
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 46.3 30.2 70.2





#9
Benzaldehyde
Concen: 40.376 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

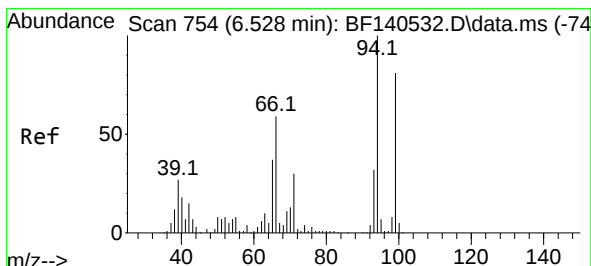
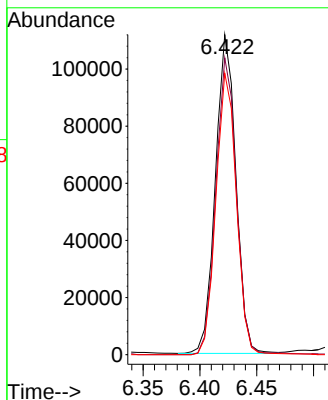
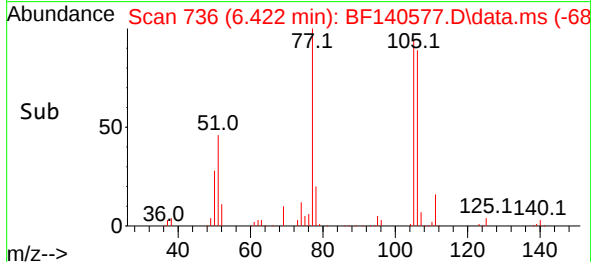
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion: 77 Resp: 13999
Ion Ratio Lower Upper
77 100
105 92.8 75.6 115.6
106 88.0 72.0 112.0

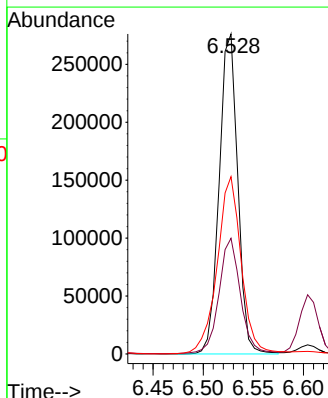
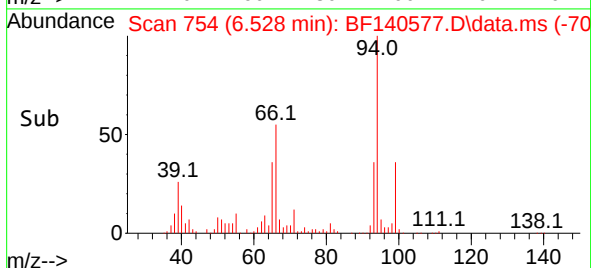
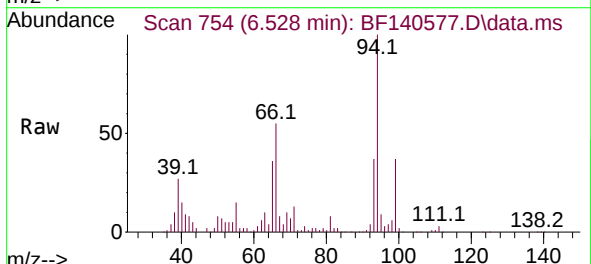
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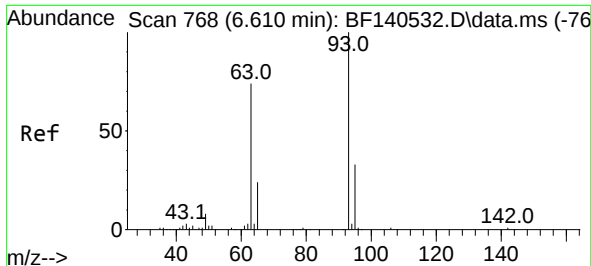
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 53.030 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

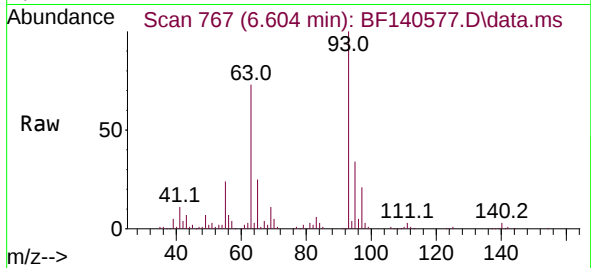
Tgt Ion: 94 Resp: 354698
Ion Ratio Lower Upper
94 100
65 36.2 17.2 57.2
66 55.4 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 51.786 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

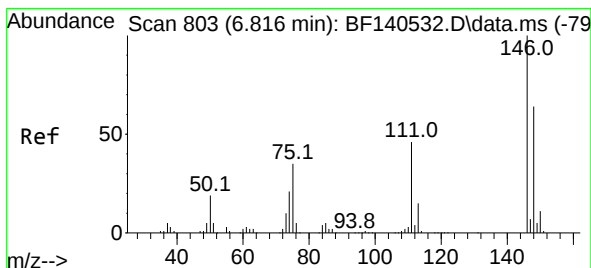
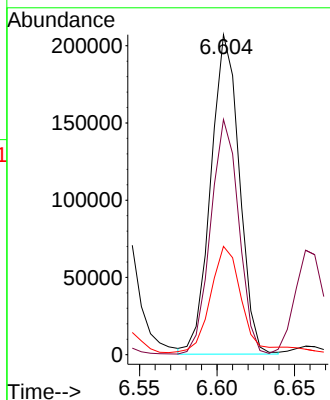
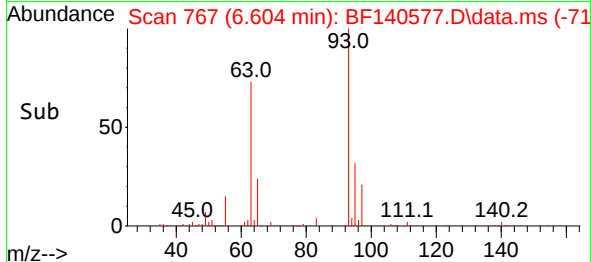
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



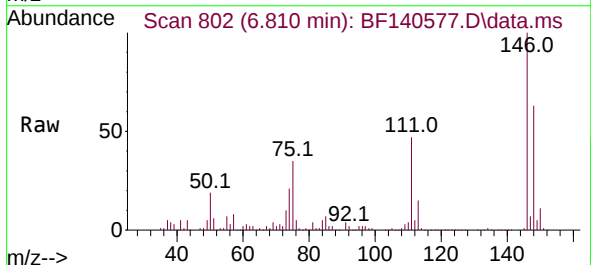
Tgt Ion: 93 Resp: 265058
Ion Ratio Lower Upper
93 100
63 73.5 52.8 92.8
95 33.9 12.3 52.3

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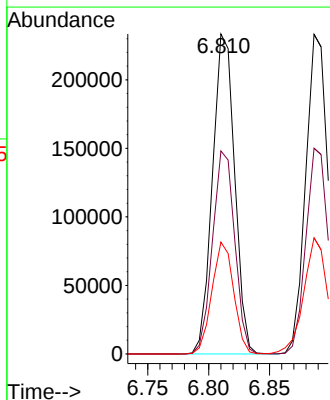
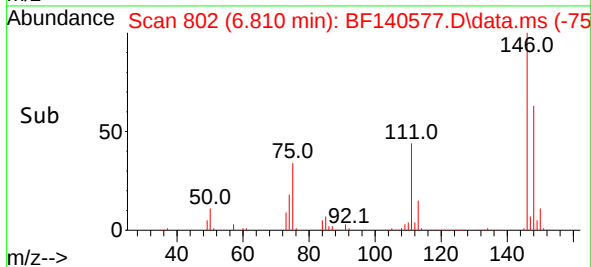
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

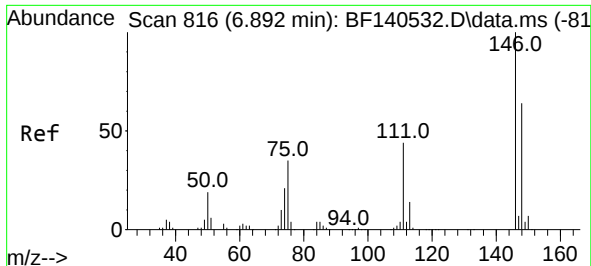


#12
1,3-Dichlorobenzene
Concen: 49.374 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06



Tgt Ion:146 Resp: 295695
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 34.9 28.2 42.2





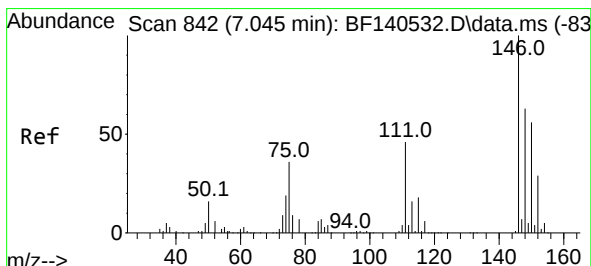
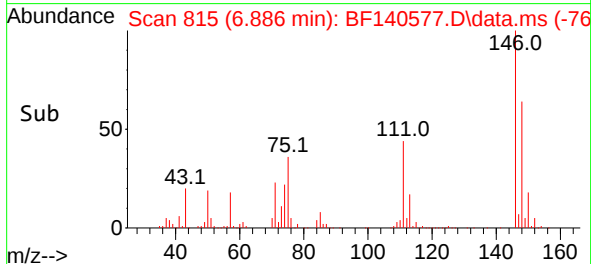
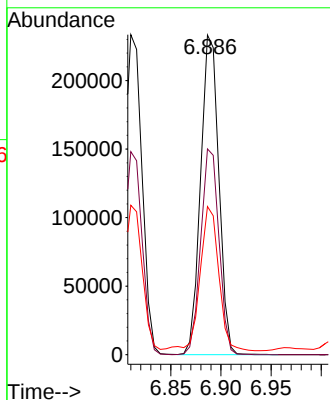
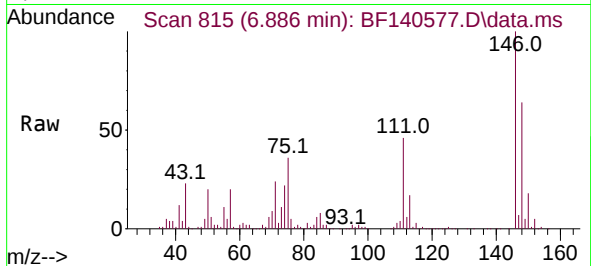
#13
1,4-Dichlorobenzene
Concen: 48.714 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:146 Resp: 295404
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 46.3 35.3 52.9

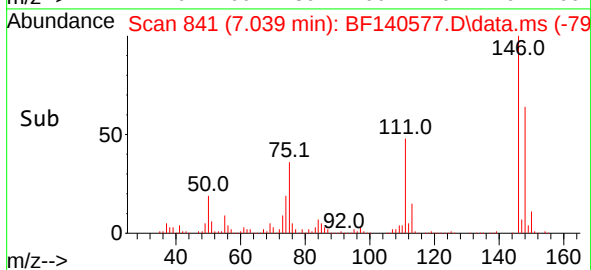
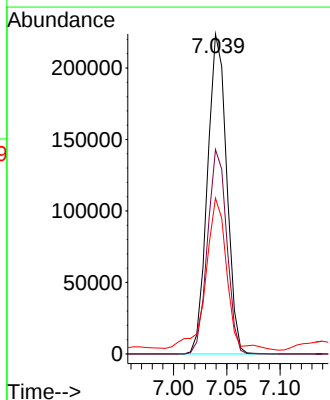
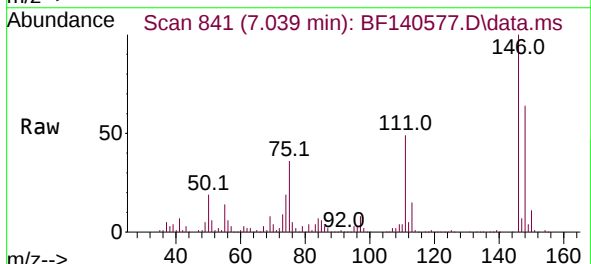
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 49.402 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:146 Resp: 280711
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 48.7 36.7 55.1





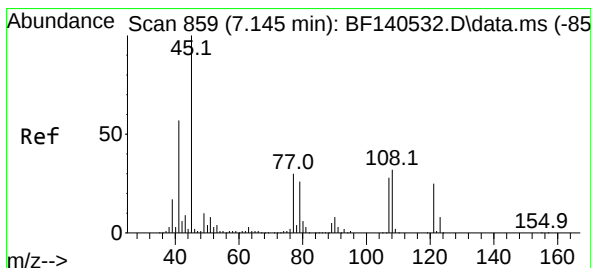
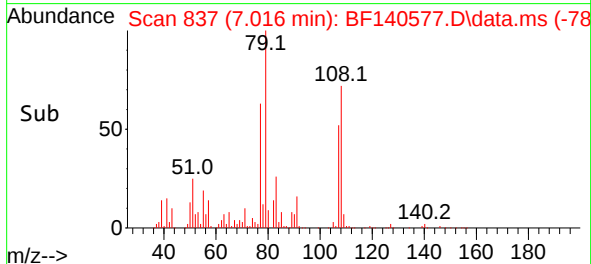
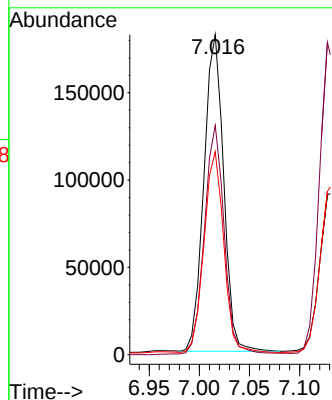
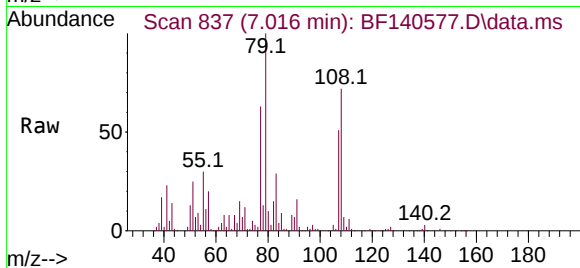
#15
Benzyl Alcohol
Concen: 51.083 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion: 79 Resp: 24811
Ion Ratio Lower Upper
79 100
108 71.6 55.0 82.6
77 63.4 50.1 75.1

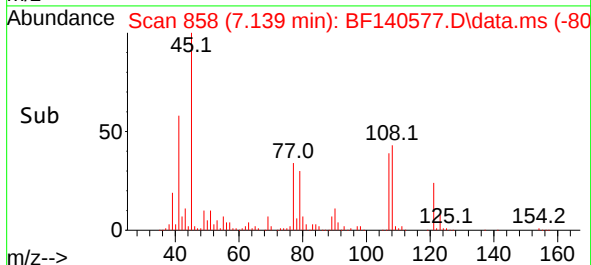
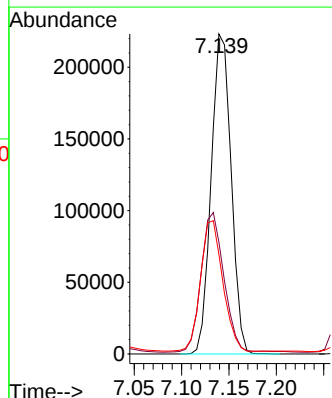
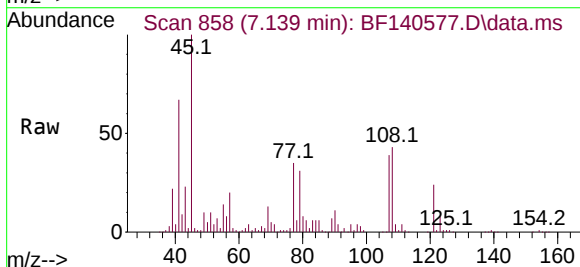
Manual Integrations
APPROVED

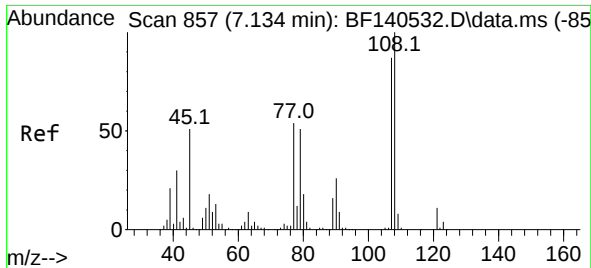
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.959 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

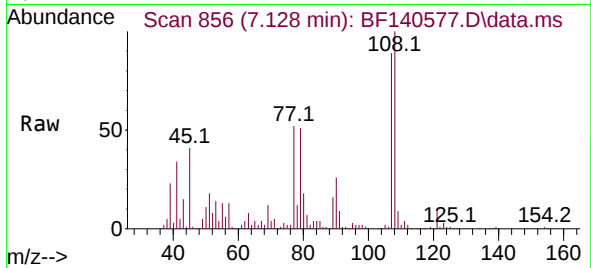
Tgt Ion: 45 Resp: 326279
Ion Ratio Lower Upper
45 100
77 35.0 10.7 50.7
79 31.1 7.0 47.0





#17
2-Methylphenol
Concen: 51.222 ng
RT: 7.128 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

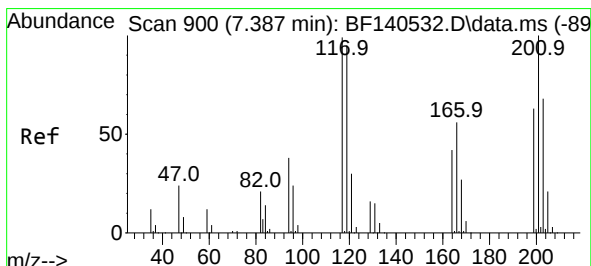
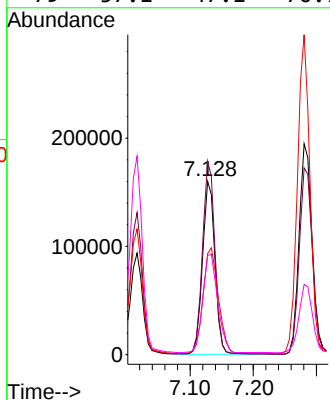
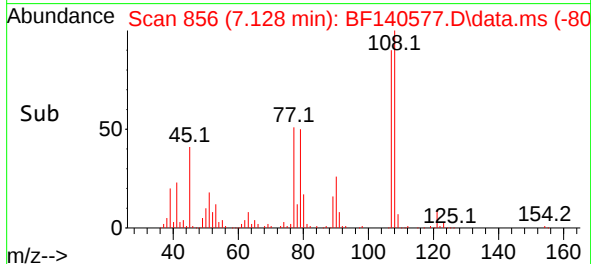
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:107 Resp: 21854
Ion Ratio Lower Upper
107 100
108 111.7 91.7 137.5
77 58.4 49.3 73.9
79 57.1 47.1 70.7

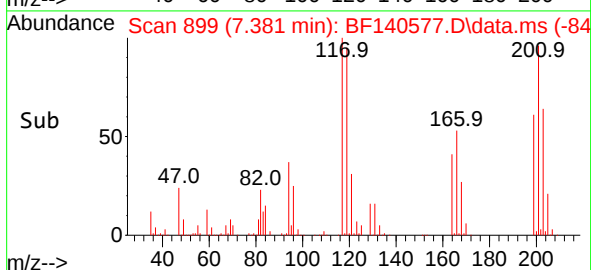
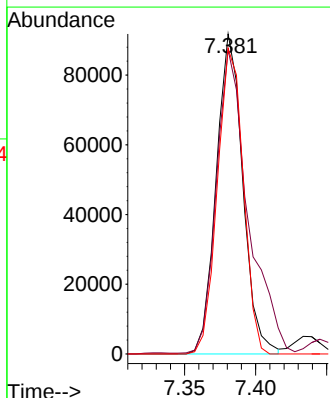
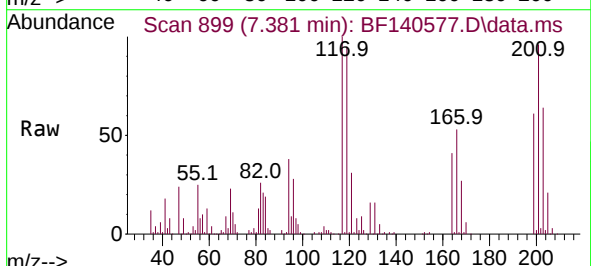
Manual Integrations
APPROVED

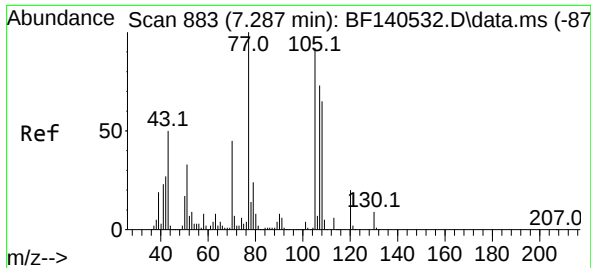
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 52.648 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:117 Resp: 119239
Ion Ratio Lower Upper
117 100
119 95.1 77.1 115.7
201 95.5 81.1 121.7





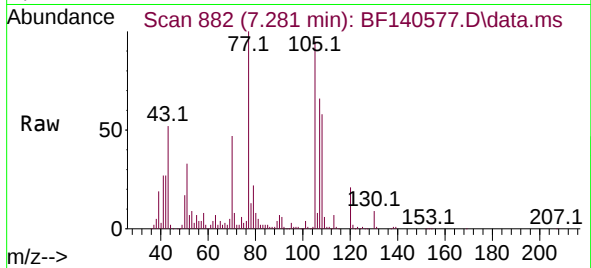
#19
n-Nitroso-di-n-propylamine
Concen: 53.123 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

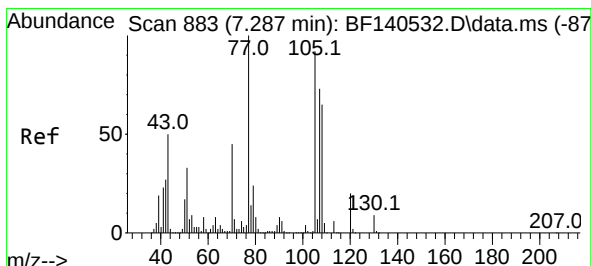
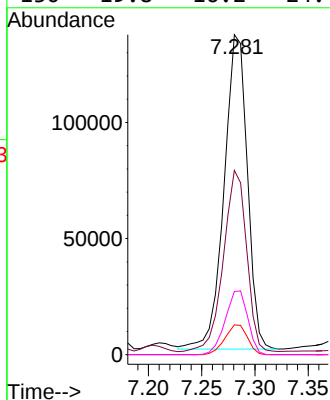
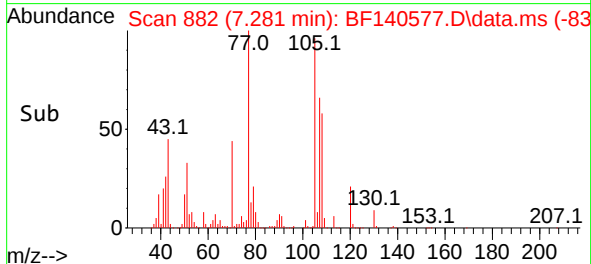


Tgt Ion: 70 Resp: 205629
Ion Ratio Lower Upper
70 100
42 57.6 47.6 71.4
101 9.3 7.6 11.4
130 19.8 16.2 24.4

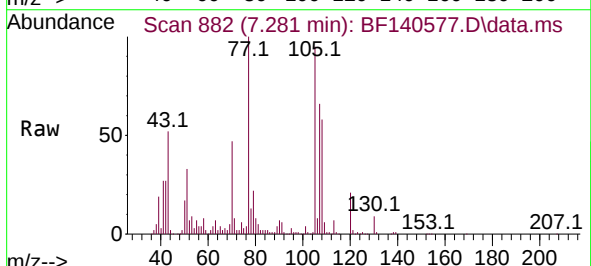
Manual Integrations

APPROVED

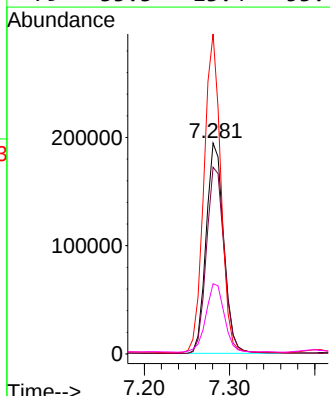
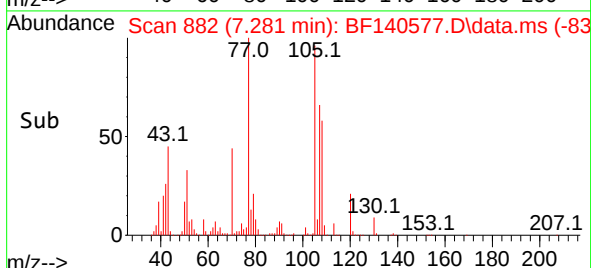
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

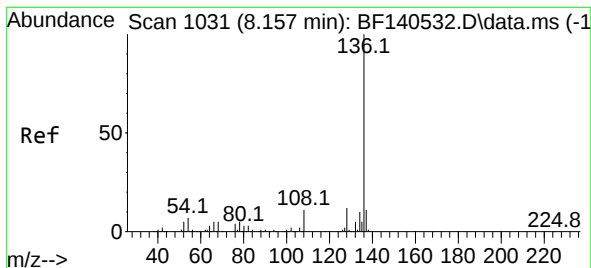


#20
3+4-Methylphenols
Concen: 50.854 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06



Tgt Ion:107 Resp: 278882
Ion Ratio Lower Upper
107 100
108 88.5 69.9 109.9
77 151.7 117.7 157.7
79 33.3 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

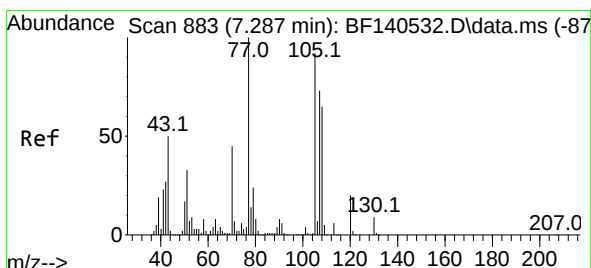
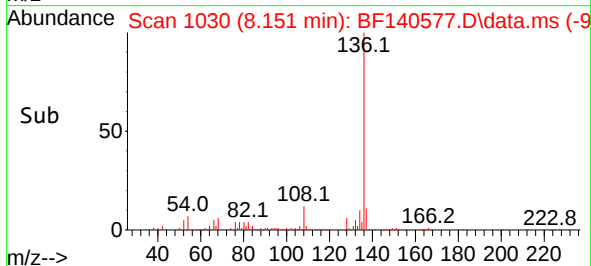
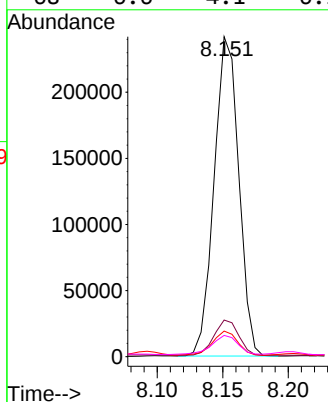
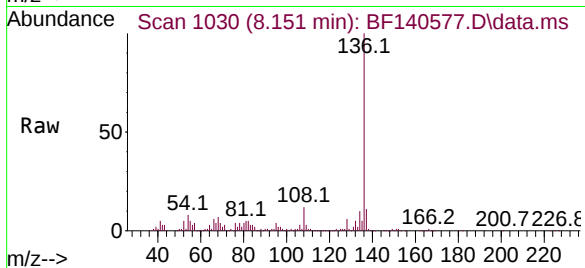
MH-732MSD

Tgt Ion:	136	Resp:	31570
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	8.0	5.8	8.8
68	6.6	4.1	6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#22

Acetophenone

Concen: 49.264 ng

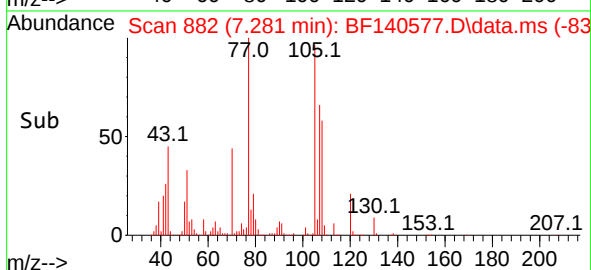
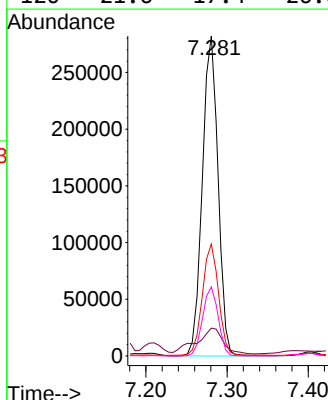
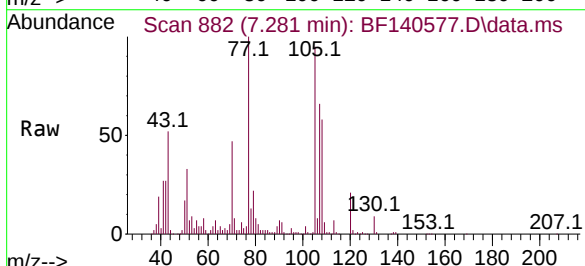
RT: 7.281 min Scan# 882

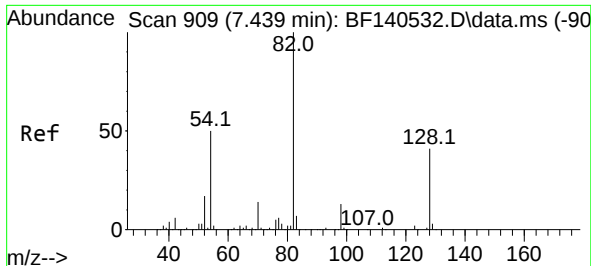
Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Tgt Ion:	105	Resp:	379173
Ion Ratio	Lower	Upper	
105	100		
71	8.7	6.2	9.2
51	35.0	29.0	43.6
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 81.551 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion: 82 Resp: 50334

Ion Ratio Lower Upper

82 100

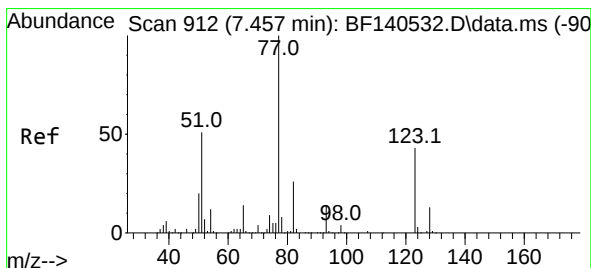
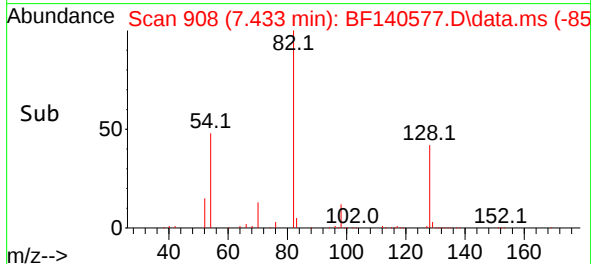
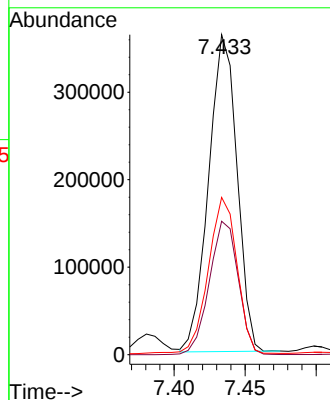
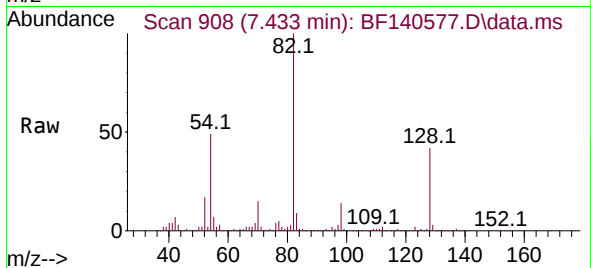
128 41.7 33.0 49.4

54 49.2 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 48.278 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

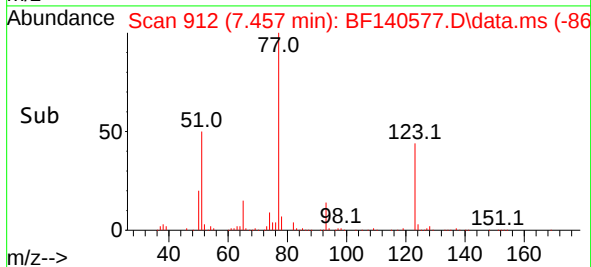
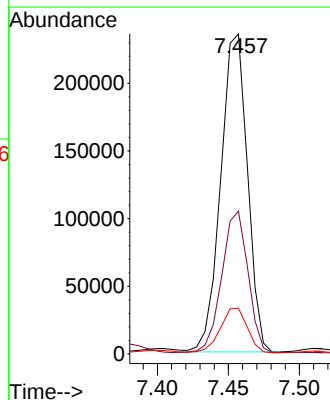
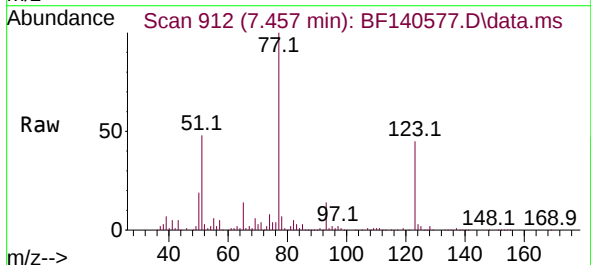
Tgt Ion: 77 Resp: 307966

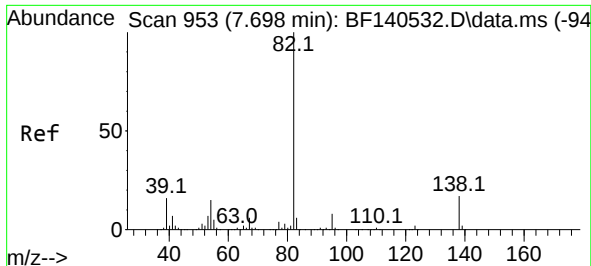
Ion Ratio Lower Upper

77 100

123 44.6 34.3 51.5

65 14.3 11.2 16.8





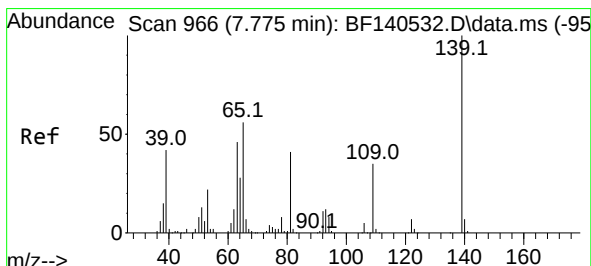
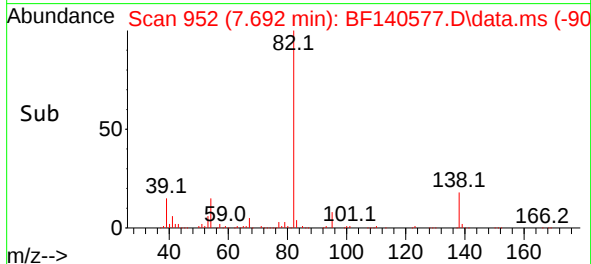
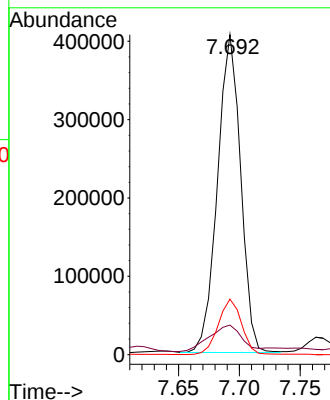
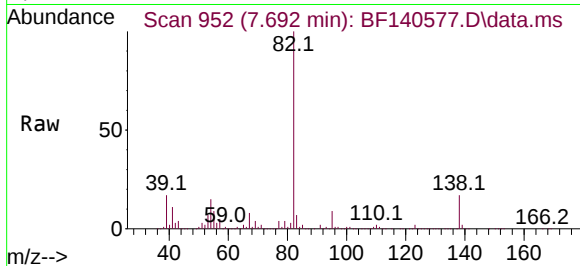
#25
Isophorone
Concen: 52.177 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion: 82 Resp: 53714
Ion Ratio Lower Upper
82 100
95 9.3 6.4 9.6
138 17.3 13.8 20.6

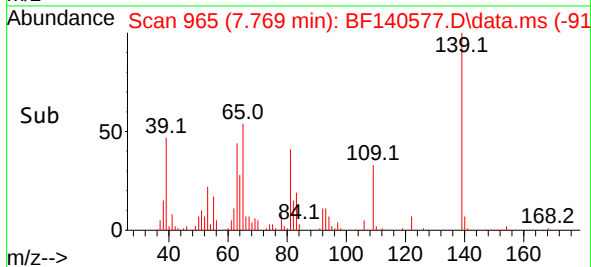
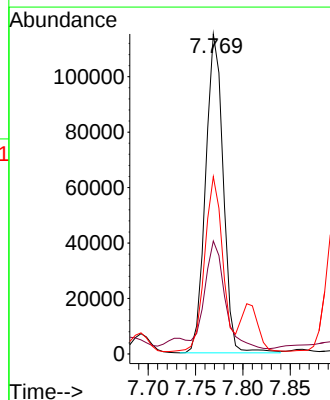
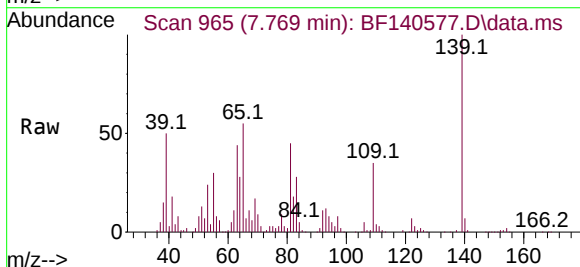
Manual Integrations
APPROVED

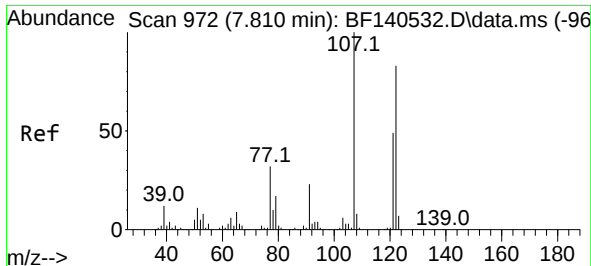
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 52.657 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

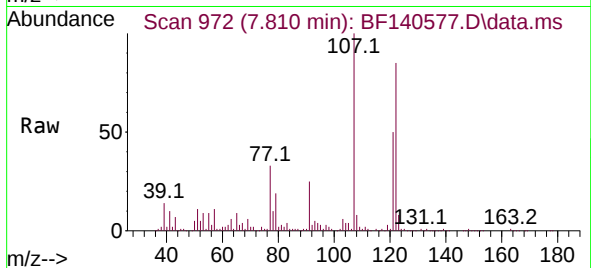
Tgt Ion:139 Resp: 148857
Ion Ratio Lower Upper
139 100
109 35.3 28.0 42.0
65 55.4 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 65.614 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

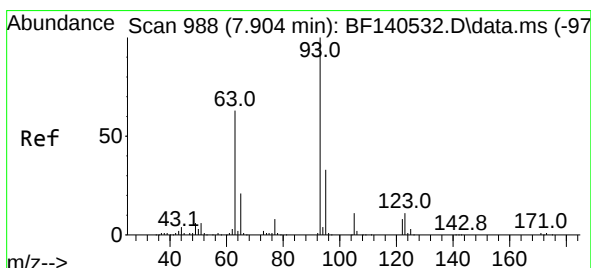
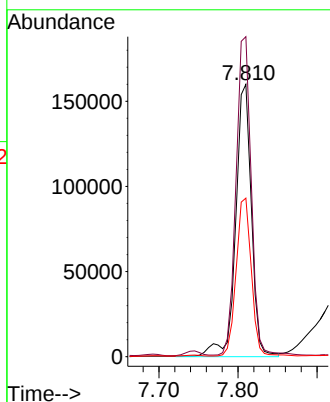
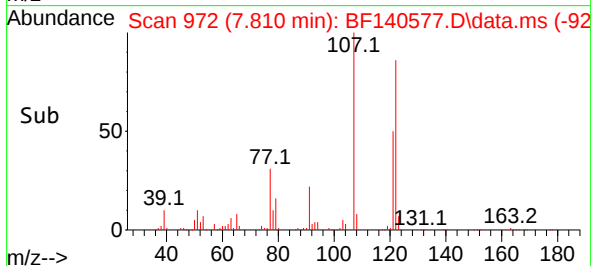
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:122 Resp: 221928
Ion Ratio Lower Upper
122 100
107 117.5 96.8 145.2
121 58.2 47.4 71.0

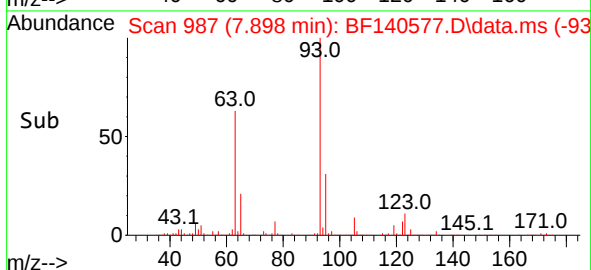
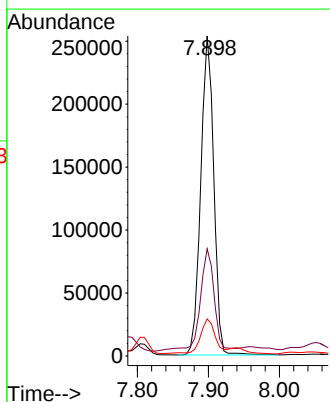
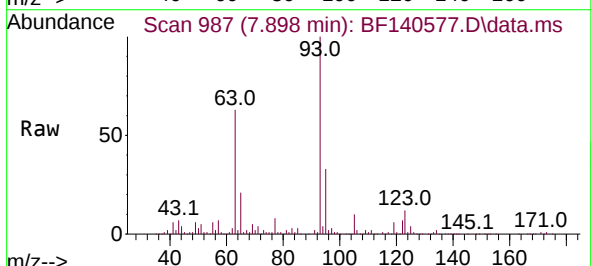
Manual Integrations
APPROVED

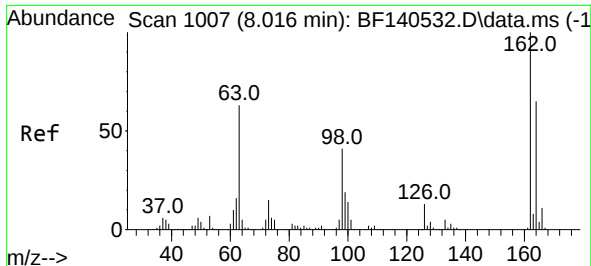
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.722 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion: 93 Resp: 324370
Ion Ratio Lower Upper
93 100
95 33.5 26.1 39.1
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.647 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

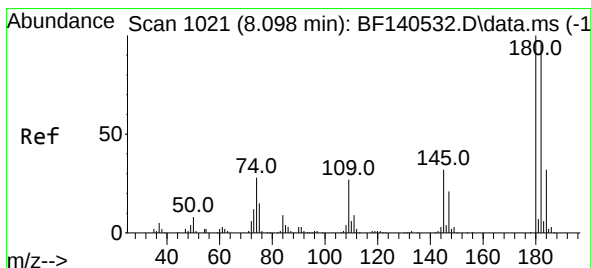
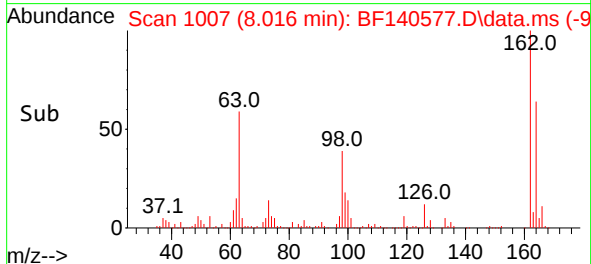
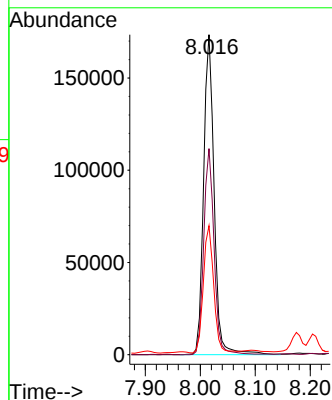
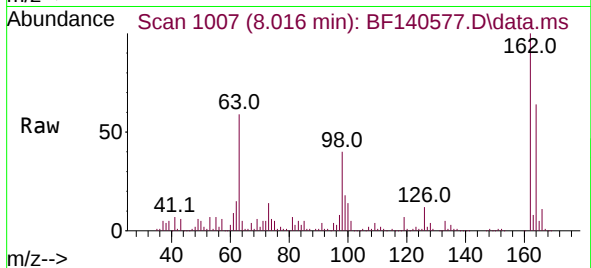
MH-732MSD

Tgt Ion:162	Resp: 23147
Ion Ratio	Lower Upper
162 100	
164 64.4	44.8 84.8
98 40.3	21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.212 ng

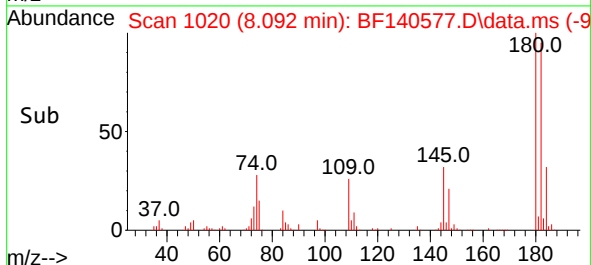
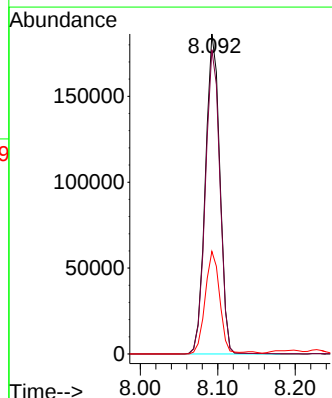
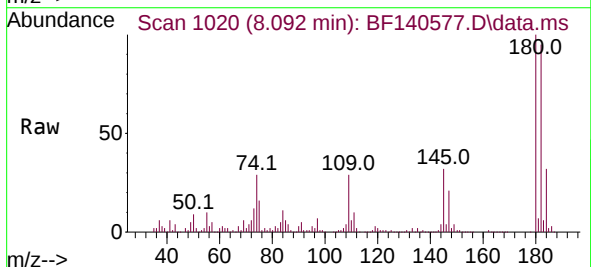
RT: 8.092 min Scan# 1020

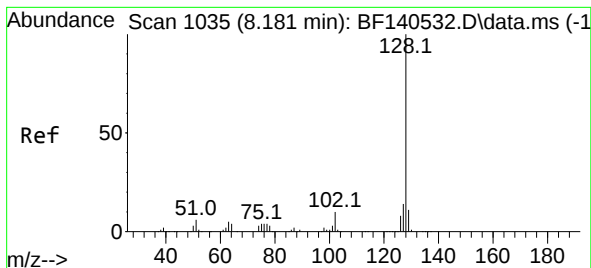
Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Tgt Ion:180	Resp: 241597
Ion Ratio	Lower Upper
180 100	
182 95.1	76.4 114.6
145 32.1	25.9 38.9





#31

Naphthalene

Concen: 49.485 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

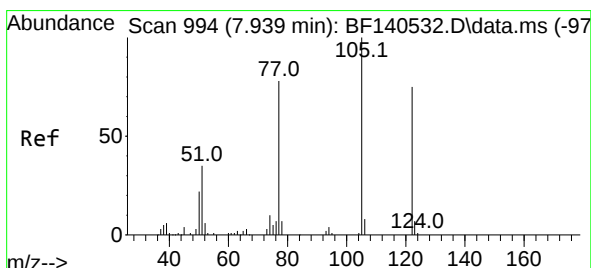
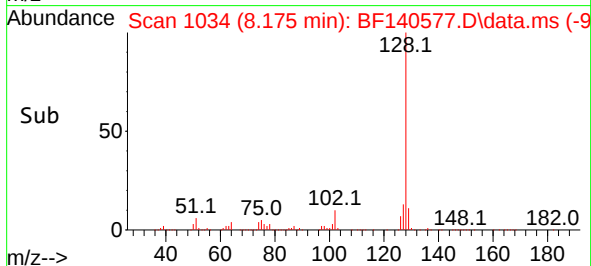
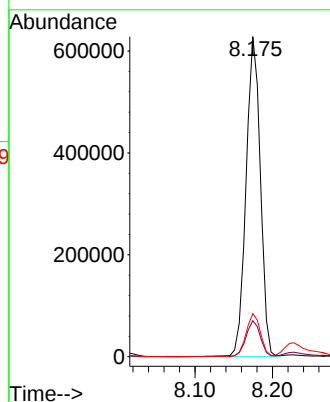
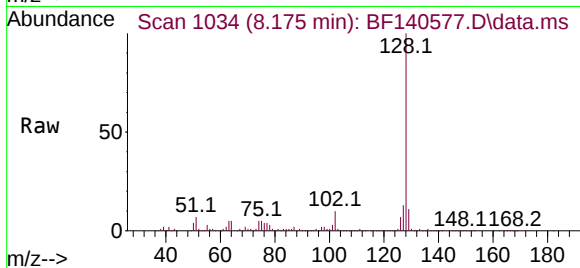
Tgt Ion:128 Resp: 80469

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.4	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#32

Benzoic acid

Concen: 46.973 ng

RT: 7.939 min Scan# 994

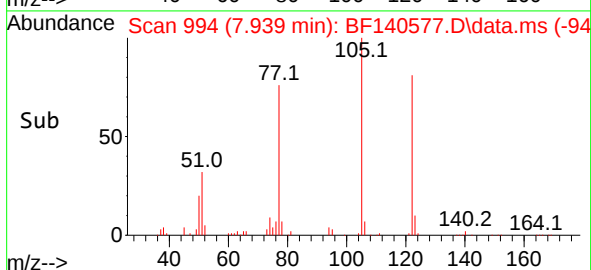
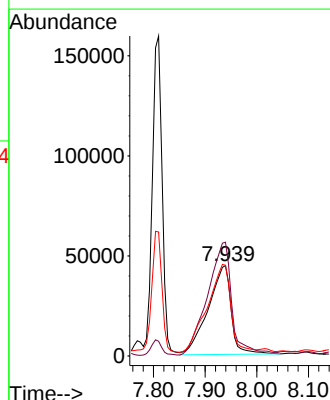
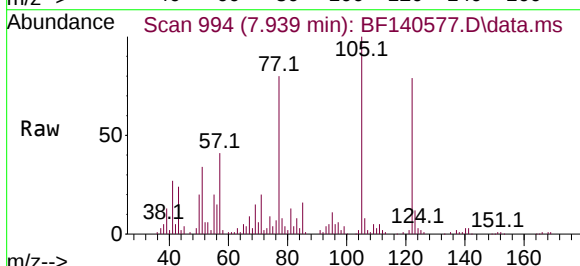
Delta R.T. 0.000 min

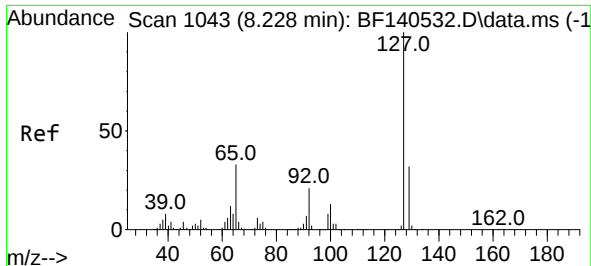
Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Tgt Ion:122 Resp: 137725

Ion	Ratio	Lower	Upper
122	100		
105	125.9	109.3	149.3
77	100.4	82.3	122.3





#33
4-Chloroaniline
Concen: 12.488 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

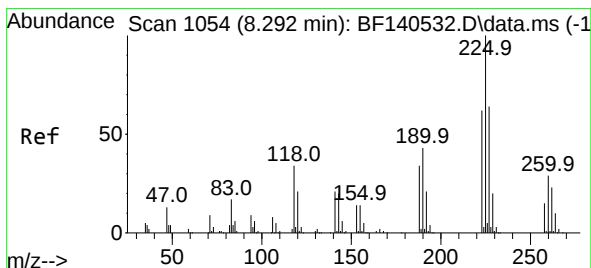
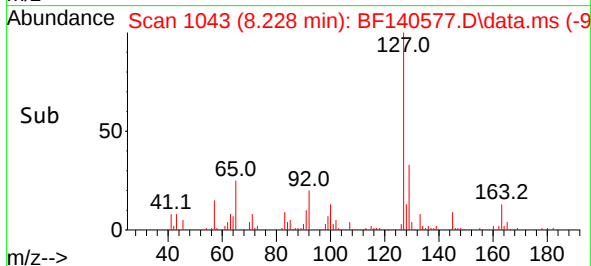
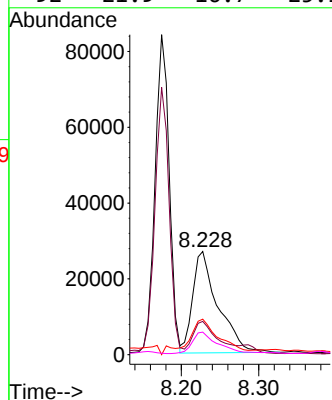
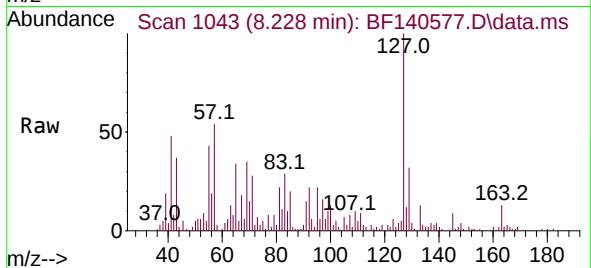
MH-732MSD

Tgt Ion:127	Resp: 6080
Ion Ratio	Lower Upper
127 100	
129 32.3	26.0 39.0
65 34.4	26.0 39.0
92 21.9	16.7 25.1

Manual Integrations

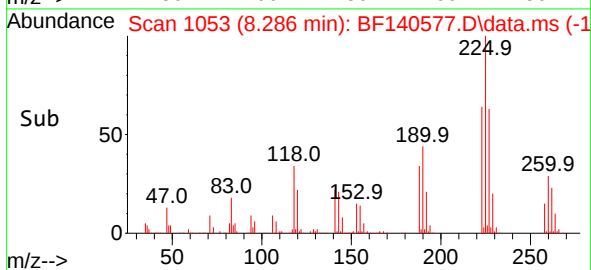
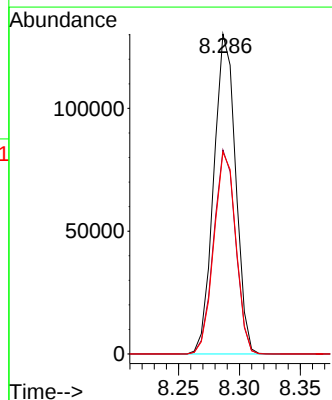
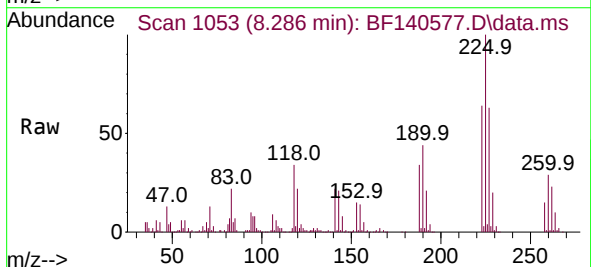
APPROVED

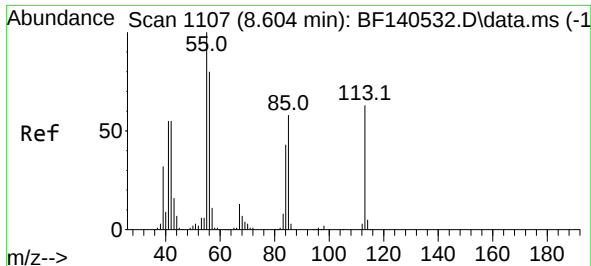
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 48.003 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

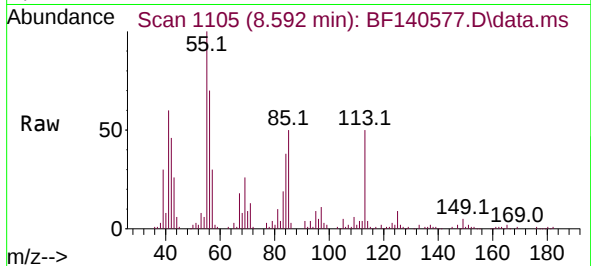
Tgt Ion:225	Resp: 162703
Ion Ratio	Lower Upper
225 100	
223 63.7	49.8 74.8
227 63.1	51.3 76.9





#35
Caprolactam
Concen: 57.396 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

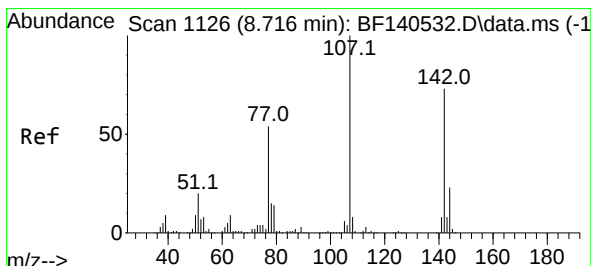
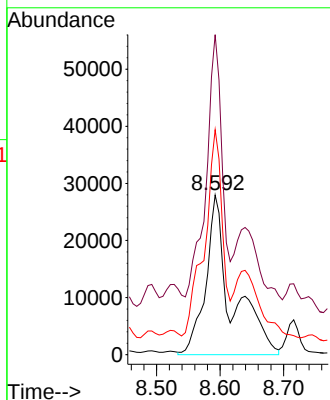
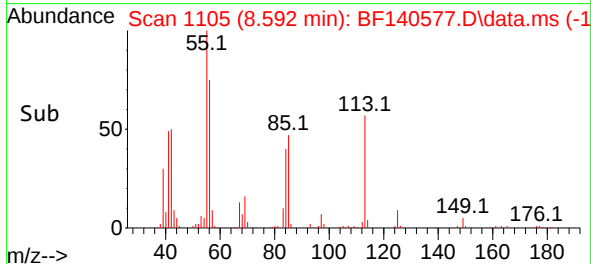
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:113 Resp: 7960
Ion Ratio Lower Upper
113 100
55 200.4 137.7 177.7
56 140.9 106.4 146.4

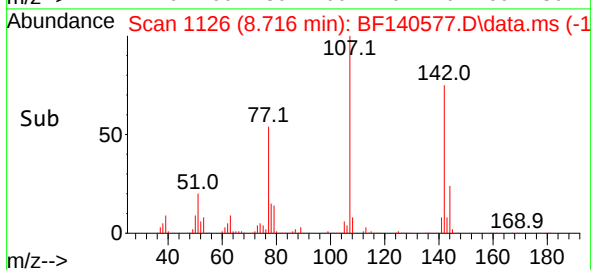
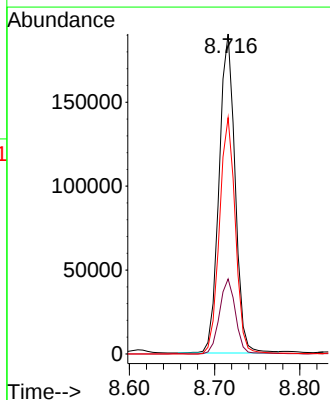
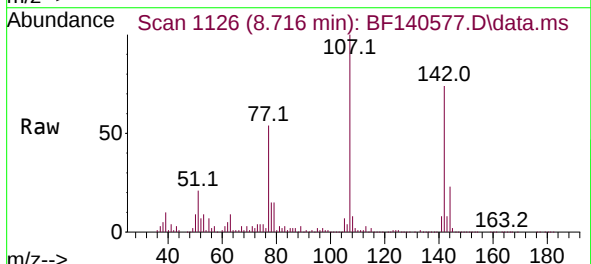
Manual Integrations
APPROVED

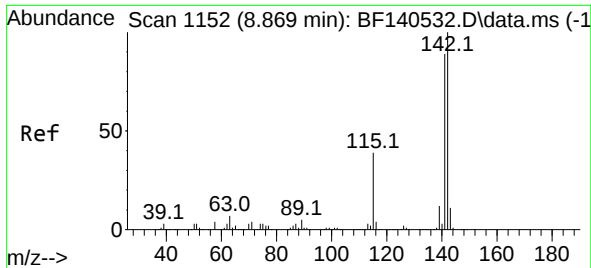
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 49.438 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:107 Resp: 248078
Ion Ratio Lower Upper
107 100
144 23.5 18.7 28.1
142 73.9 58.3 87.5





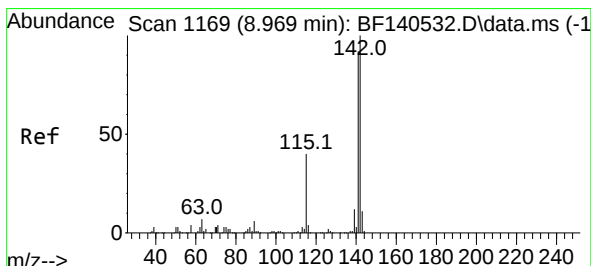
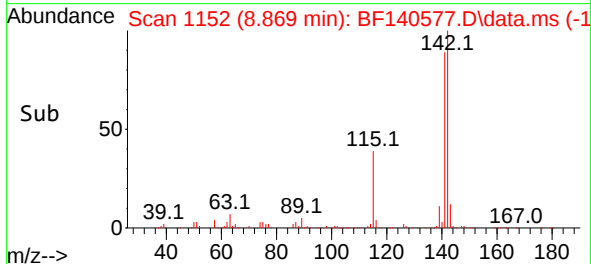
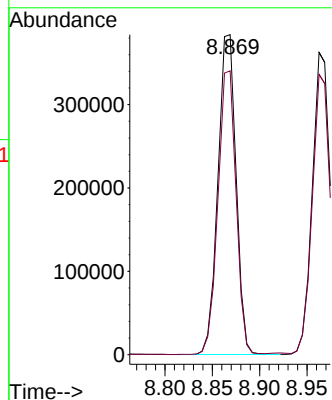
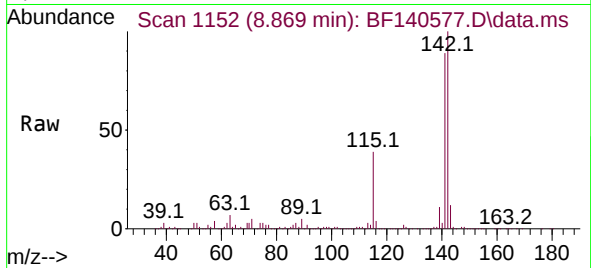
#37
2-Methylnaphthalene
Concen: 49.578 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:142 Resp: 512074
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6

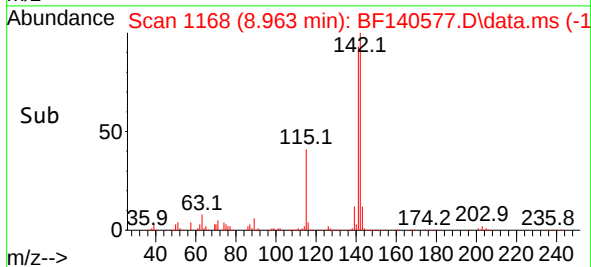
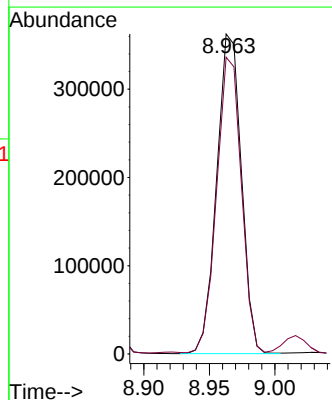
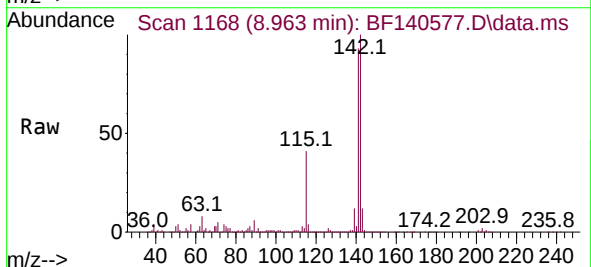
Manual Integrations
APPROVED

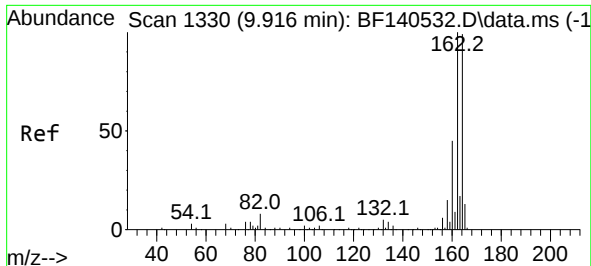
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 46.744 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:142 Resp: 473243
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9





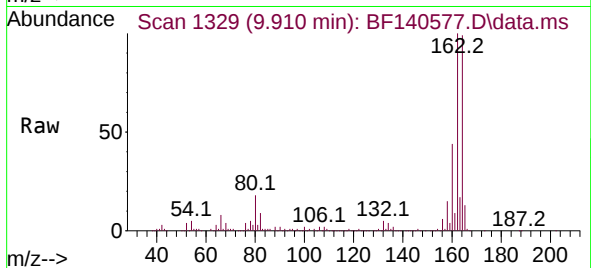
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

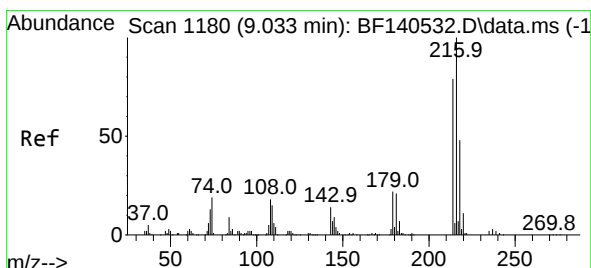
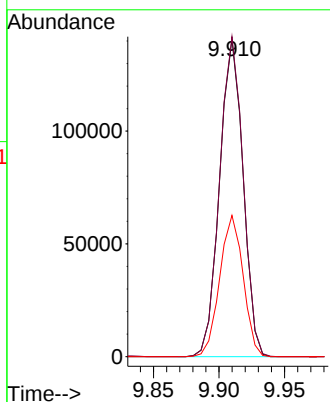
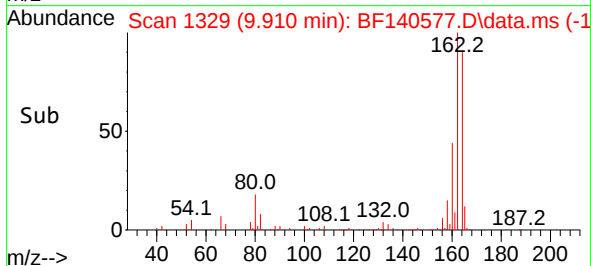


Tgt Ion:164 Resp: 175034
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.5 36.2 54.4

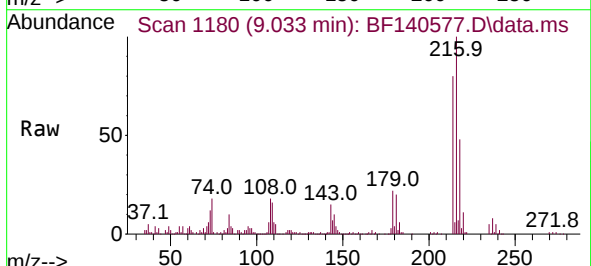
Manual Integrations

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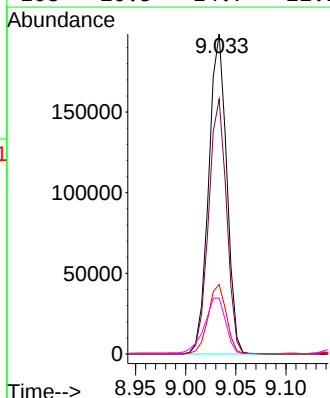
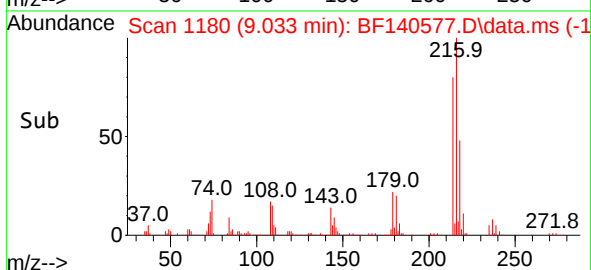
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.344 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06



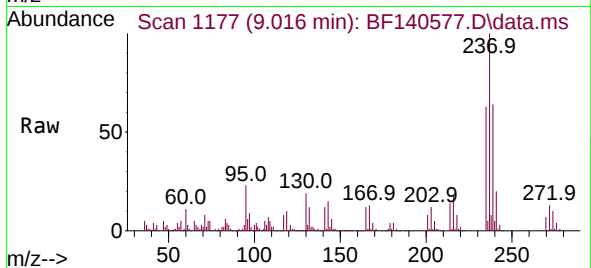
Tgt Ion:216 Resp: 247720
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.4
179 21.7 17.5 26.3
108 20.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 173.404 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

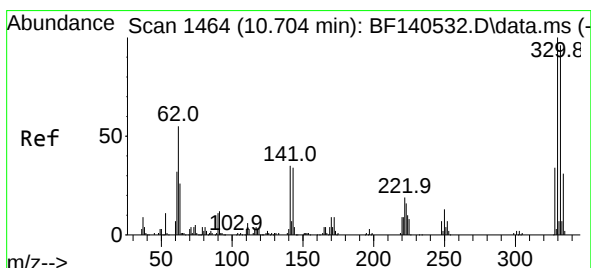
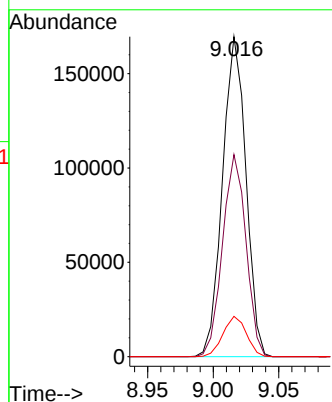
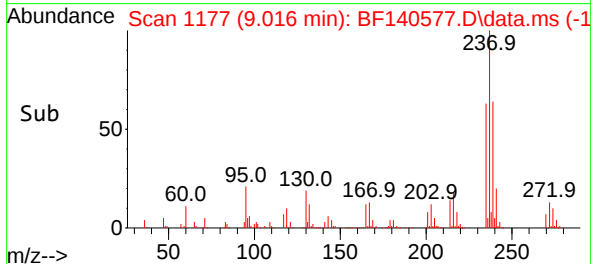
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



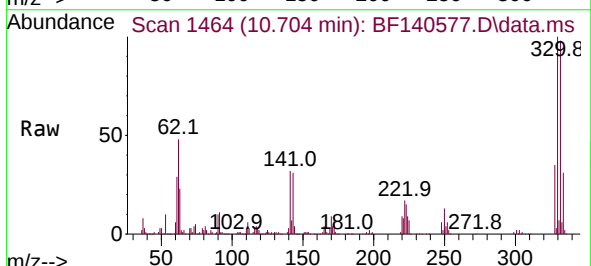
Tgt Ion:237 Resp: 210514
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 12.6 0.0 32.6

Manual Integrations
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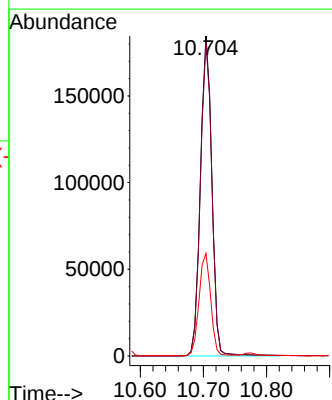
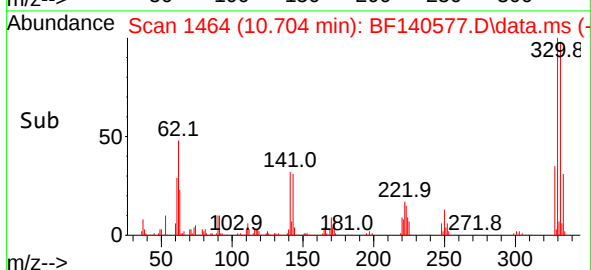
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 124.518 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06



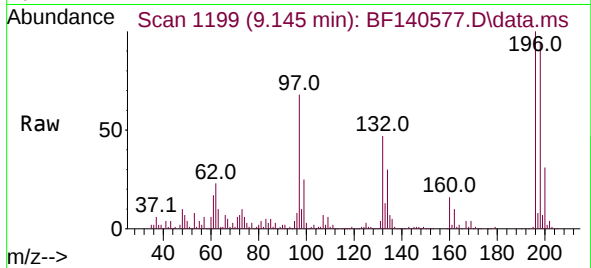
Tgt Ion:330 Resp: 233097
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 32.3 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 50.854 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

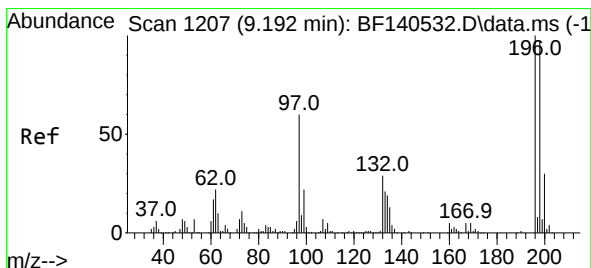
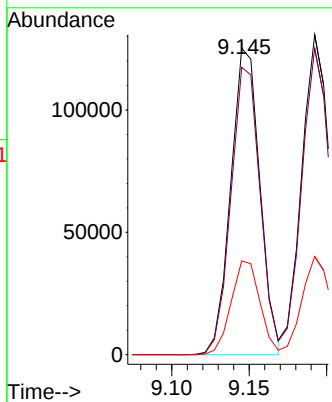
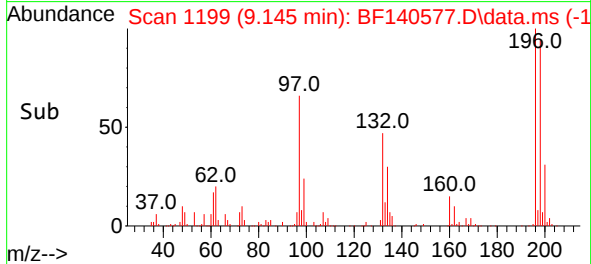
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



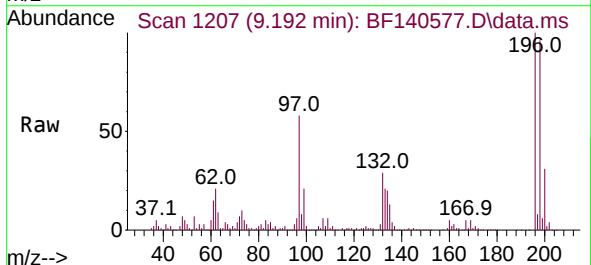
Tgt Ion:196 Resp: 16351
Ion Ratio Lower Upper
196 100
198 93.7 76.8 115.2
200 30.6 24.3 36.5

Manual Integrations
APPROVED

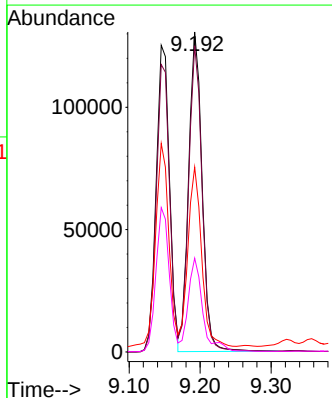
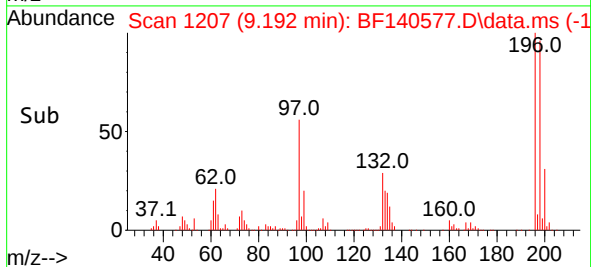
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

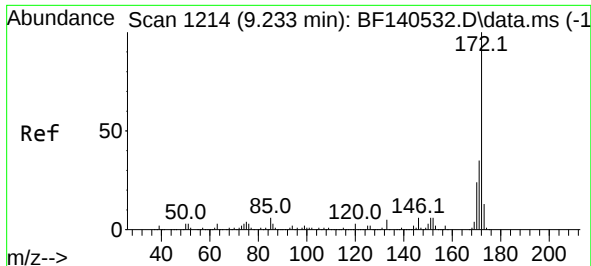


#44
2,4,5-Trichlorophenol
Concen: 49.462 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06



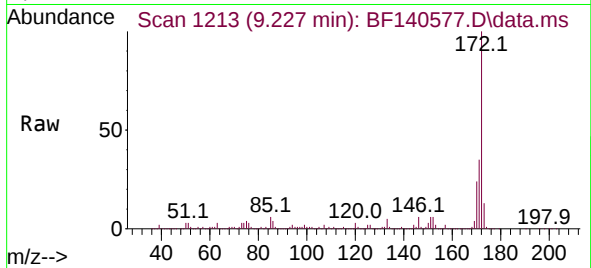
Tgt Ion:196 Resp: 172601
Ion Ratio Lower Upper
196 100
198 95.7 77.2 115.8
97 57.8 47.1 70.7
132 29.3 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 75.992 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

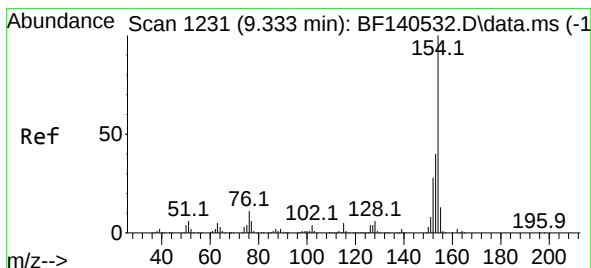
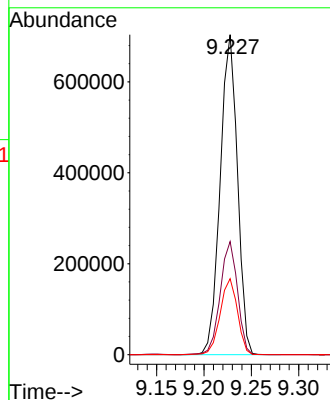
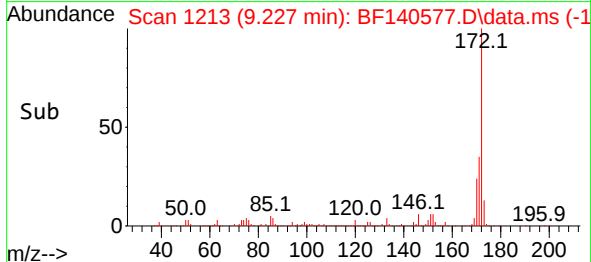
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



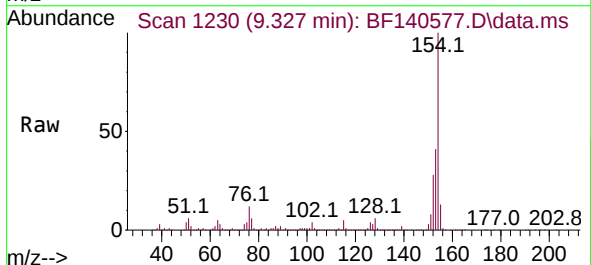
Tgt Ion:172 Resp: 892733
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 19.0 28.6

Manual Integrations
APPROVED

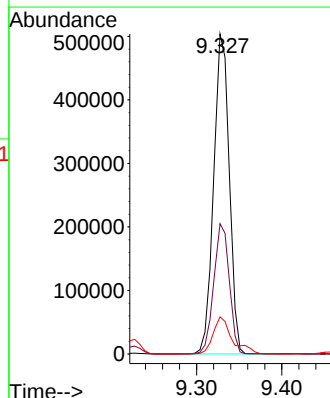
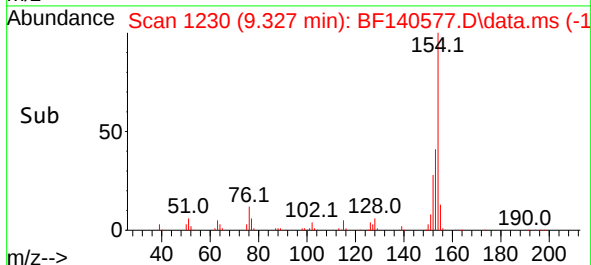
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 48.975 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06



Tgt Ion:154 Resp: 640020
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 11.6 0.0 31.2





#47
2-Chloronaphthalene
Concen: 48.279 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

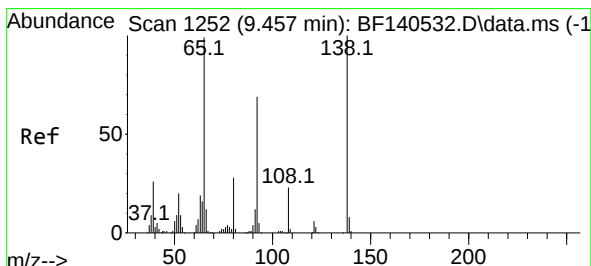
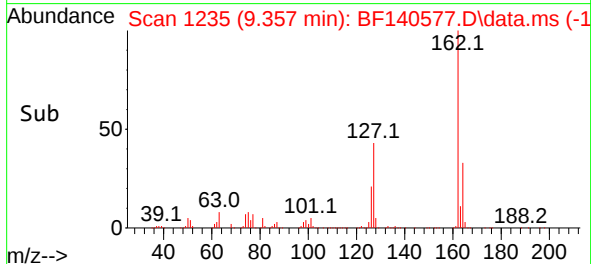
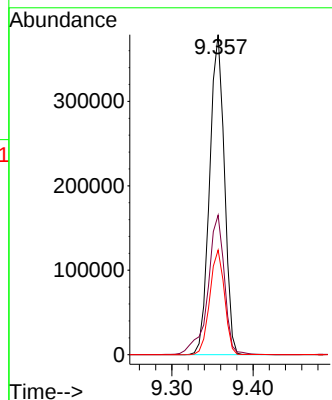
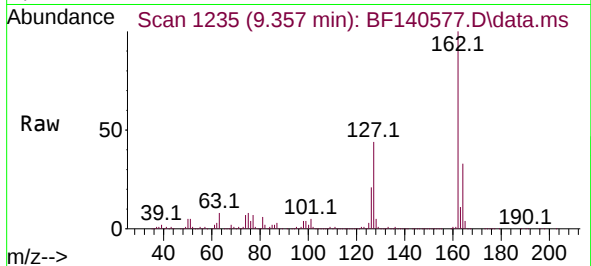
ClientSampleId :

MH-732MSD

Tgt Ion:162 Resp: 47805
Ion Ratio Lower Upper
162 100
127 43.6 35.7 53.5
164 32.7 26.1 39.1

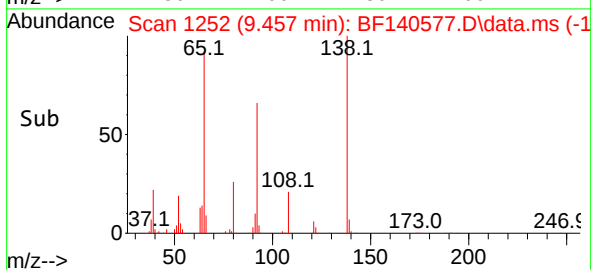
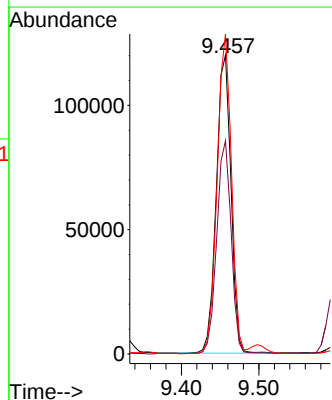
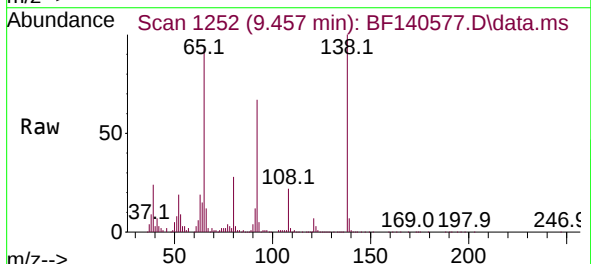
Manual Integrations
APPROVED

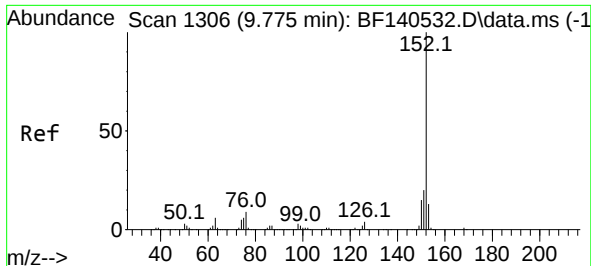
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#48
2-Nitroaniline
Concen: 49.511 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion: 65 Resp: 157365
Ion Ratio Lower Upper
65 100
92 71.3 56.1 84.1
138 107.0 81.0 121.6





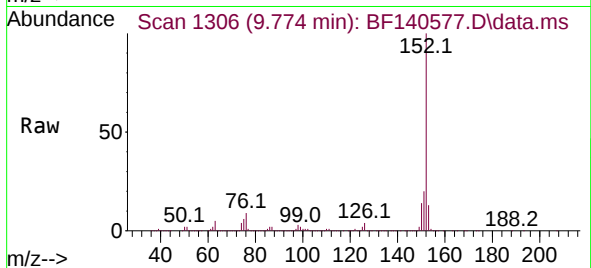
#49
Acenaphthylene
Concen: 52.547 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

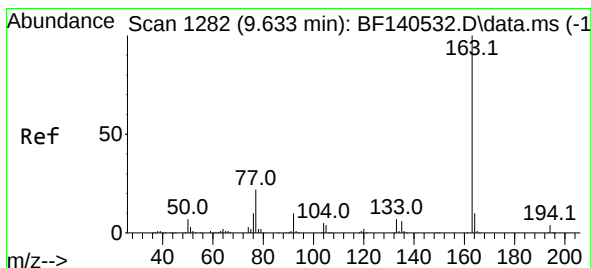
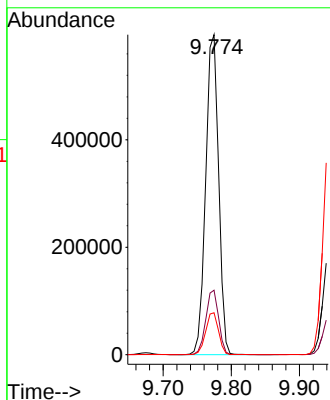
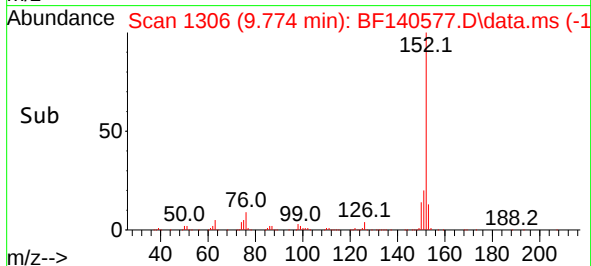


Tgt Ion:152 Resp: 786178
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.6 16.0

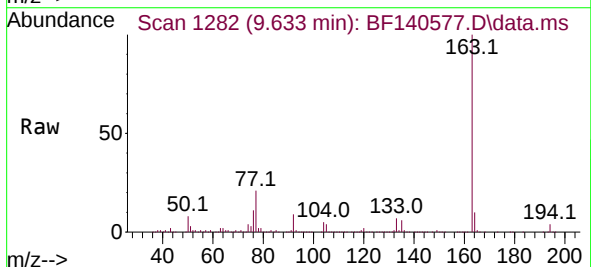
Manual Integrations

APPROVED

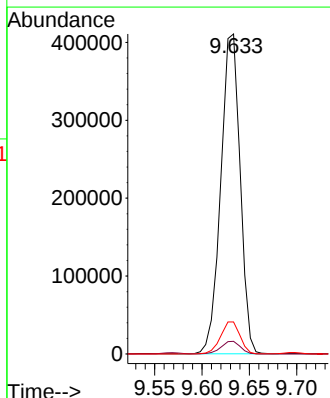
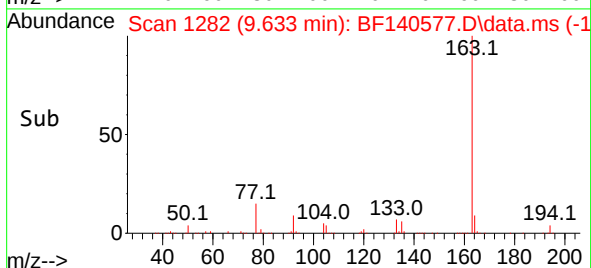
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

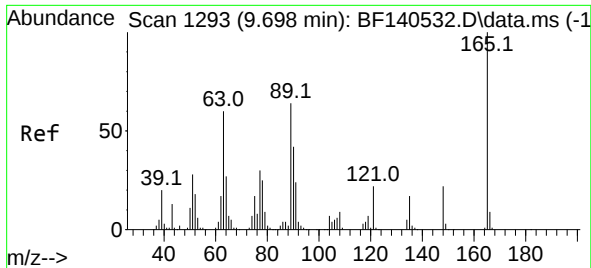


#50
Dimethylphthalate
Concen: 50.696 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06



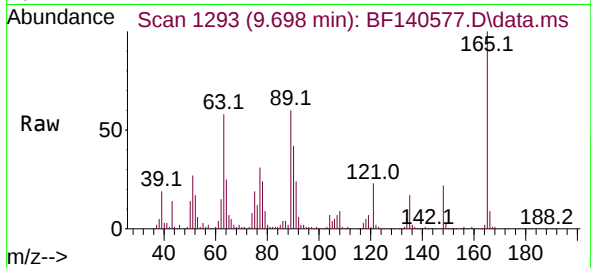
Tgt Ion:163 Resp: 584404
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.115 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

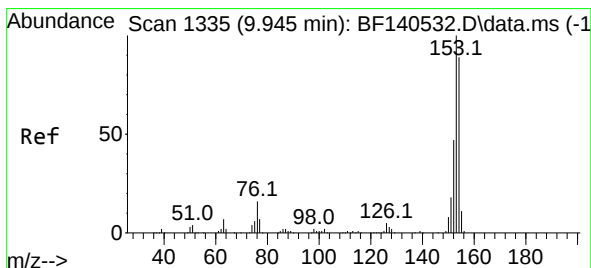
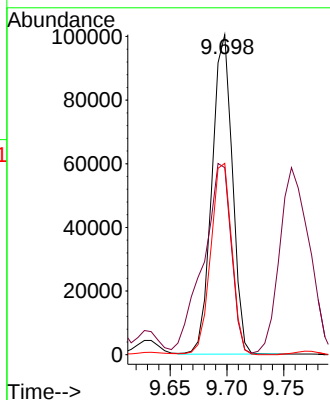
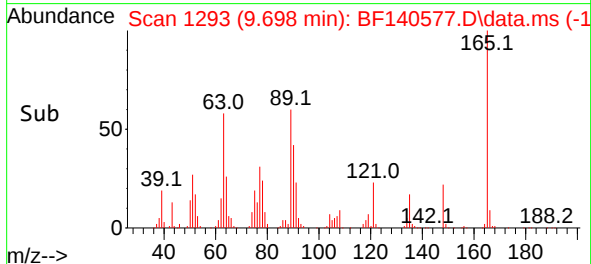
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:165 Resp: 125793
Ion Ratio Lower Upper
165 100
63 58.4 49.9 74.9
89 59.8 50.9 76.3

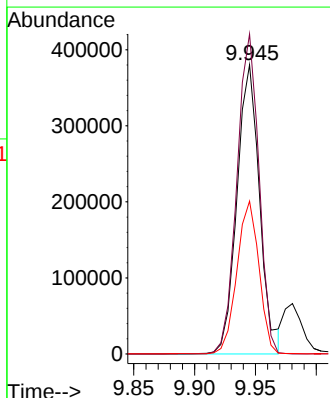
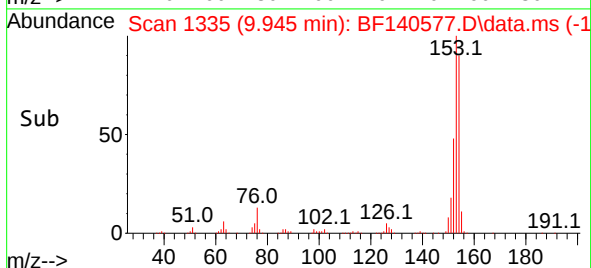
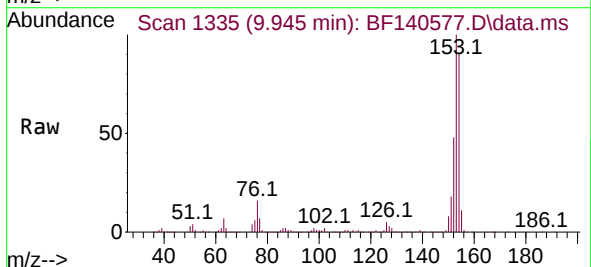
Manual Integrations
APPROVED

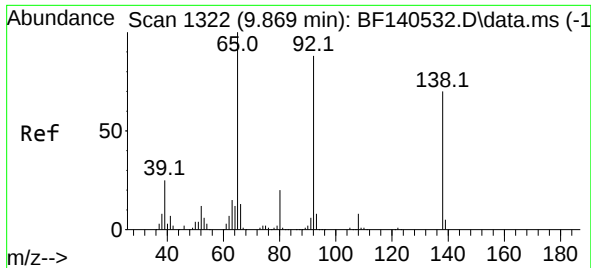
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 51.848 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:154 Resp: 492885
Ion Ratio Lower Upper
154 100
153 110.7 89.7 134.5
152 52.9 42.5 63.7





#53
3-Nitroaniline
Concen: 24.213 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

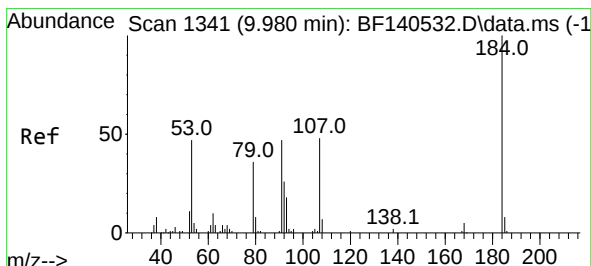
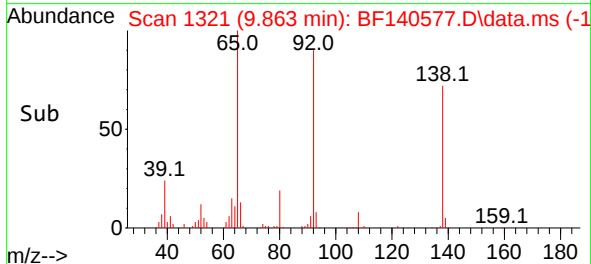
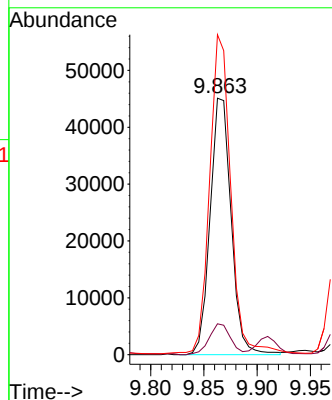
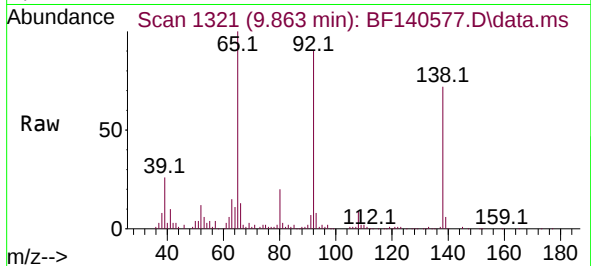
MH-732MSD

Tgt Ion:138 Resp: 61912
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 124.8 100.6 150.8

Manual Integrations

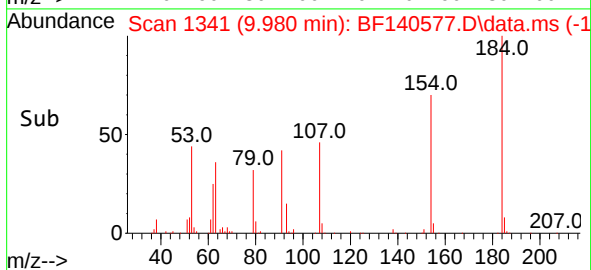
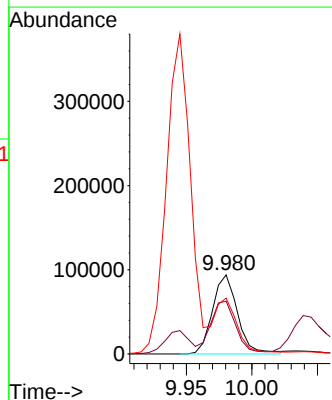
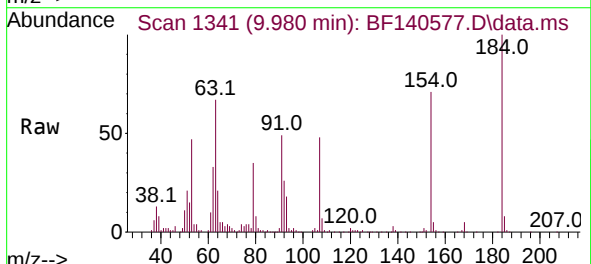
APPROVED

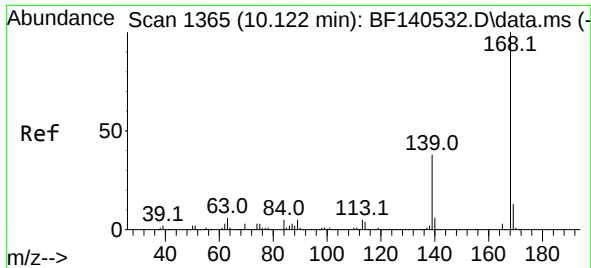
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 91.153 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:184 Resp: 125060
Ion Ratio Lower Upper
184 100
63 66.6 54.1 81.1
154 70.5 57.4 86.0





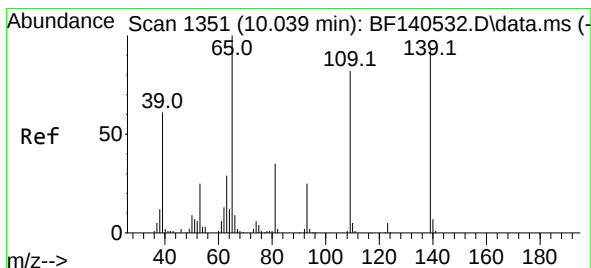
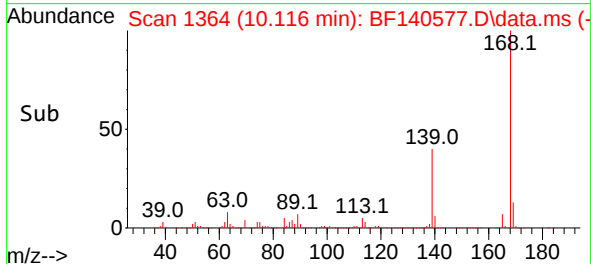
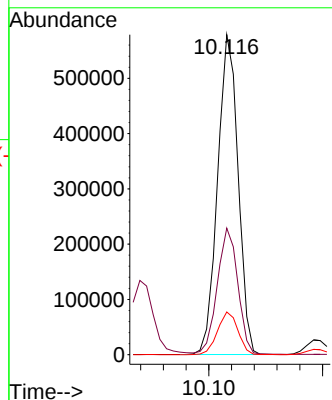
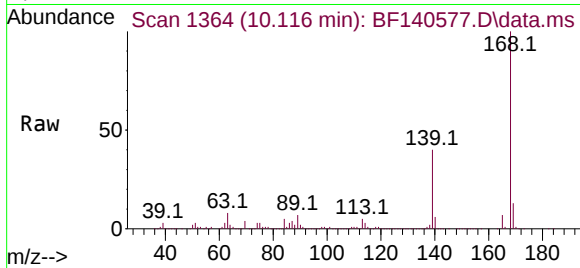
#55
Dibenzenofuran
Concen: 50.116 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:168 Resp: 726692
Ion Ratio Lower Upper
168 100
139 39.6 31.3 46.9
169 13.3 10.5 15.7

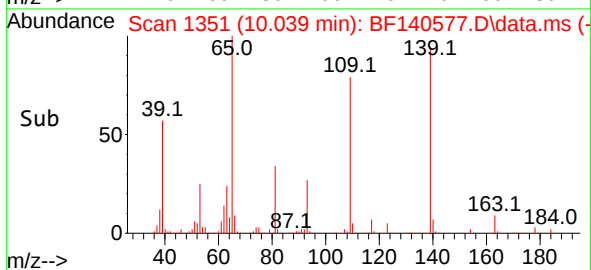
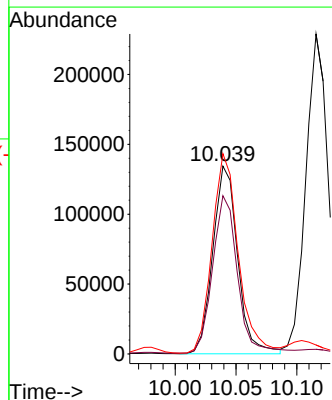
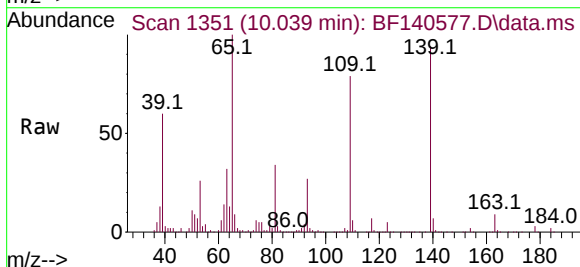
Manual Integrations
APPROVED

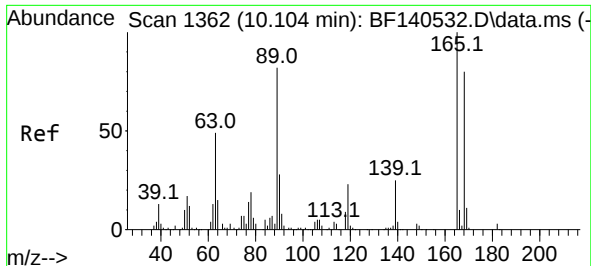
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 109.321 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

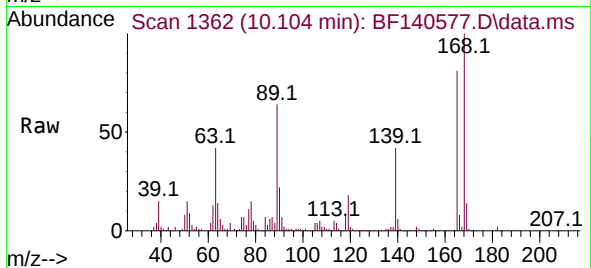
Tgt Ion:139 Resp: 190643
Ion Ratio Lower Upper
139 100
109 84.2 68.4 108.4
65 106.7 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 50.275 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

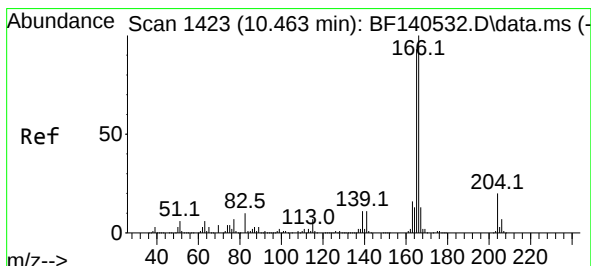
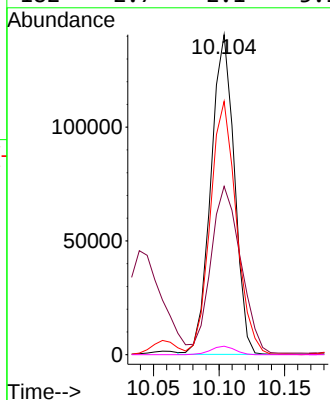
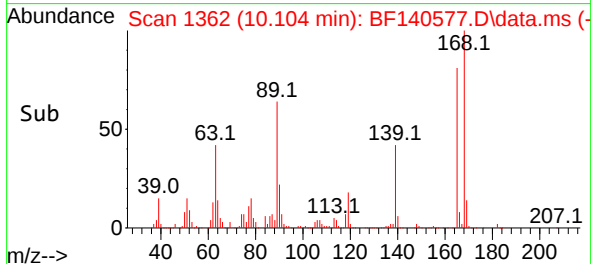
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:165 Resp: 174688
Ion Ratio Lower Upper
165 100
63 52.6 41.7 62.5
89 79.1 65.8 98.8
182 2.7 2.1 3.1

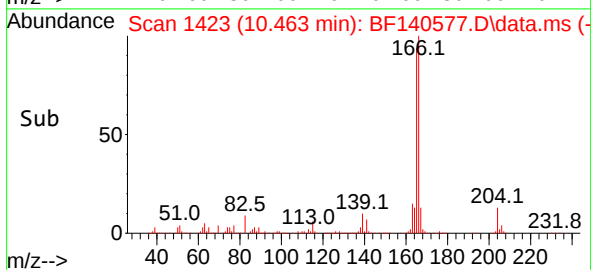
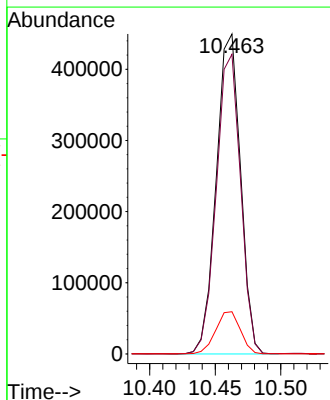
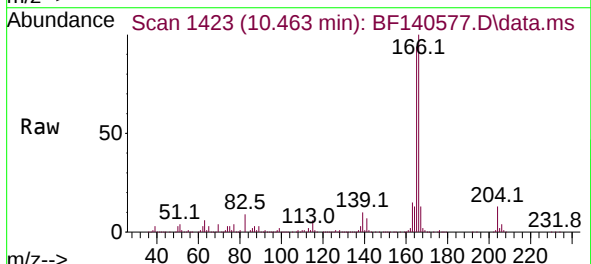
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 49.707 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

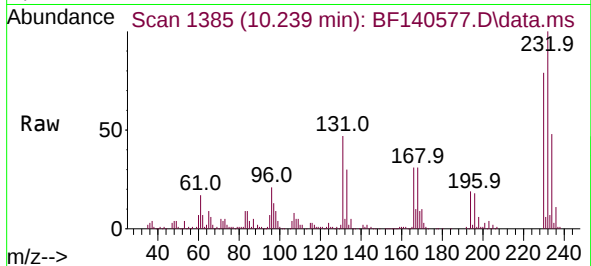
Tgt Ion:166 Resp: 578539
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.019 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

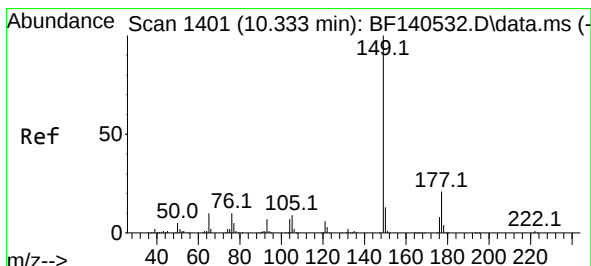
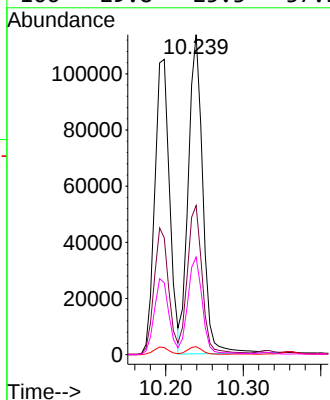
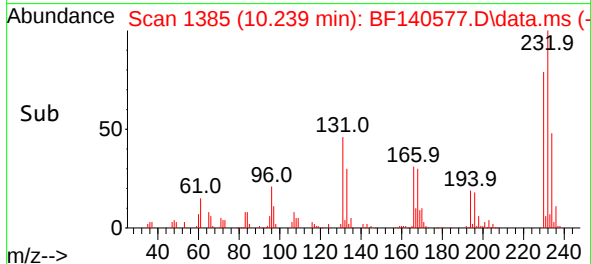
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:232 Resp: 147551
Ion Ratio Lower Upper
232 100
131 46.2 39.6 59.4
130 2.3 1.9 2.9
166 29.8 25.3 37.9

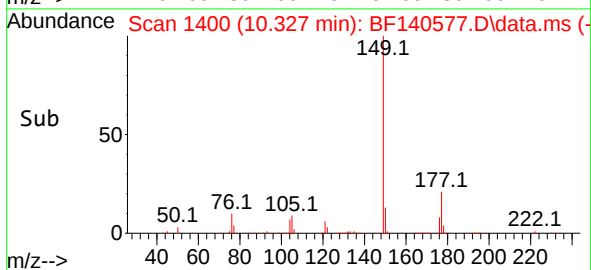
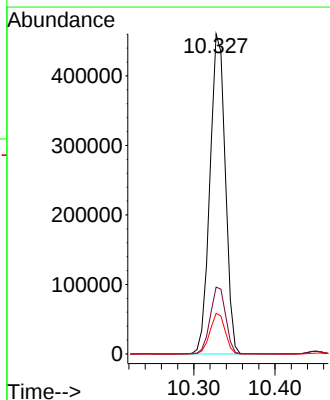
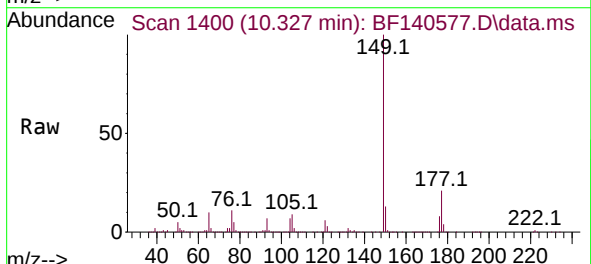
Manual Integrations
APPROVED

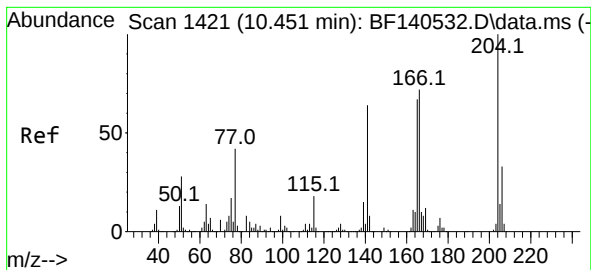
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 51.521 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

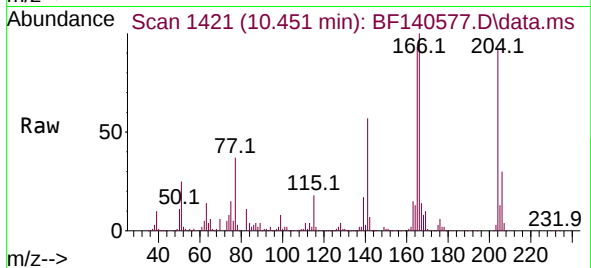
Tgt Ion:149 Resp: 603428
Ion Ratio Lower Upper
149 100
177 20.9 17.1 25.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.434 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

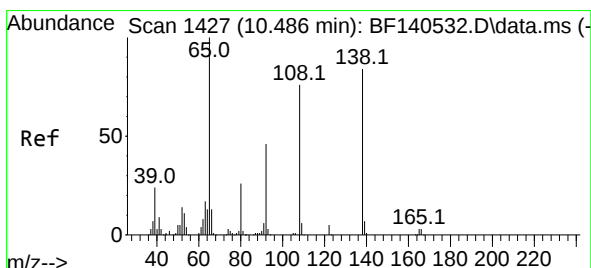
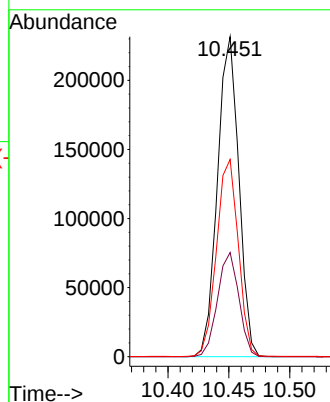
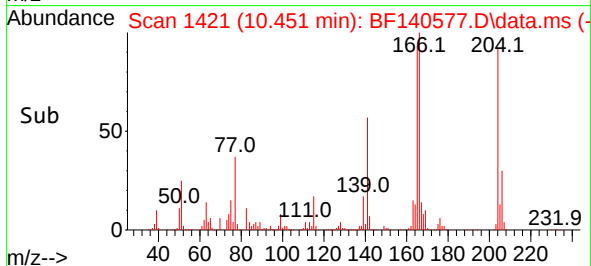
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:204 Resp: 282362
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 61.6 51.1 76.7

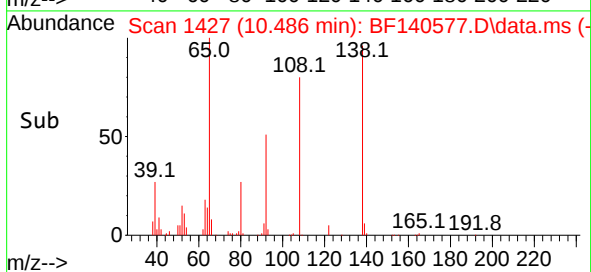
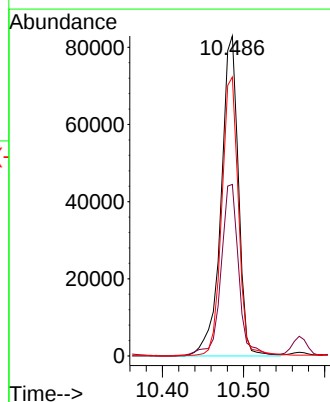
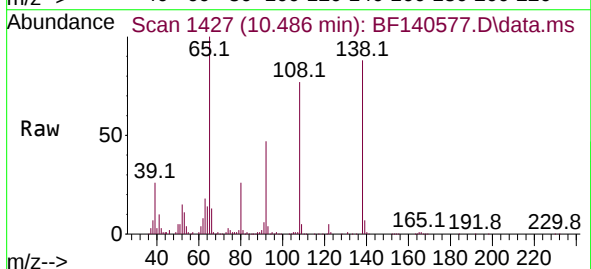
Manual Integrations
APPROVED

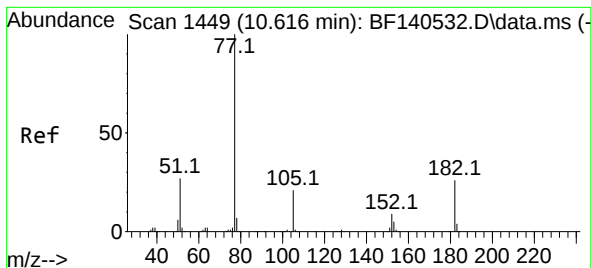
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 46.013 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:138 Resp: 123400
Ion Ratio Lower Upper
138 100
92 53.6 34.5 74.5
108 87.1 70.6 110.6





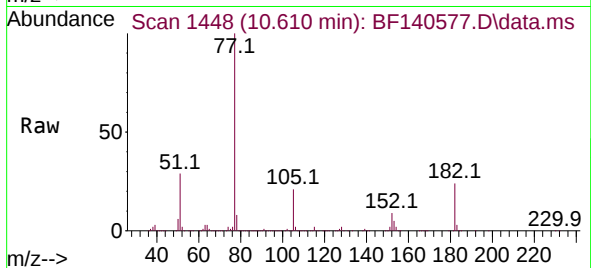
#63
Azobenzene
Concen: 54.929 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

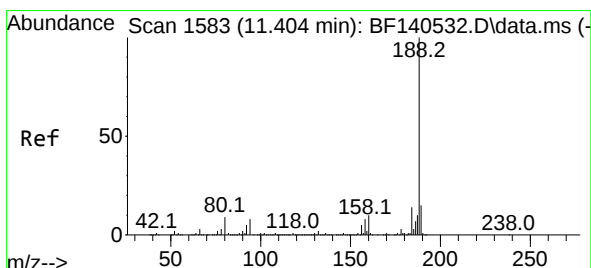
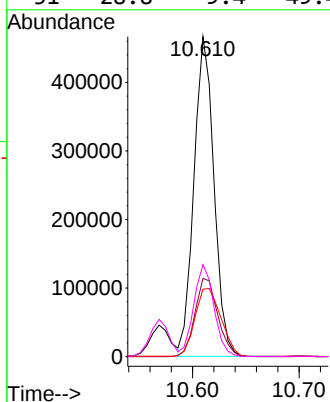
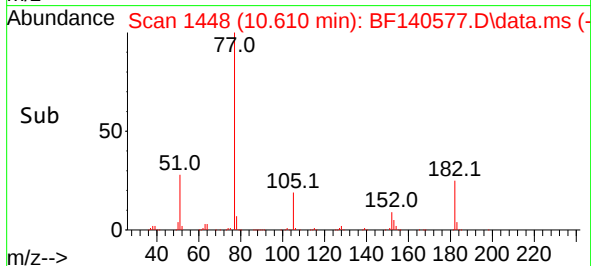


Tgt Ion: 77 Resp: 60924
Ion Ratio Lower Upper
77 100
182 24.5 5.3 45.3
105 21.1 0.3 40.3
51 28.8 9.4 49.4

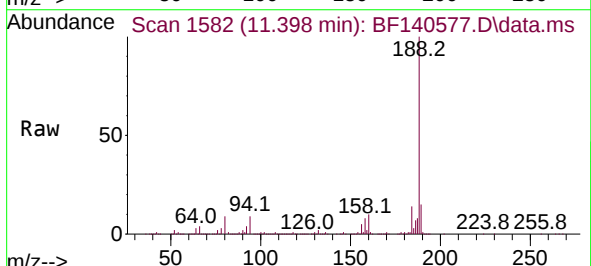
Manual Integrations

APPROVED

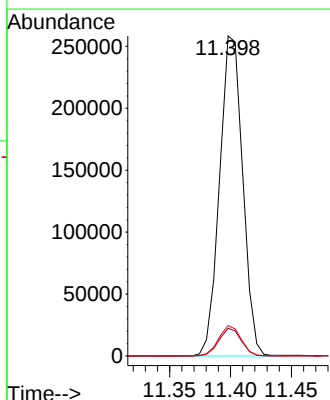
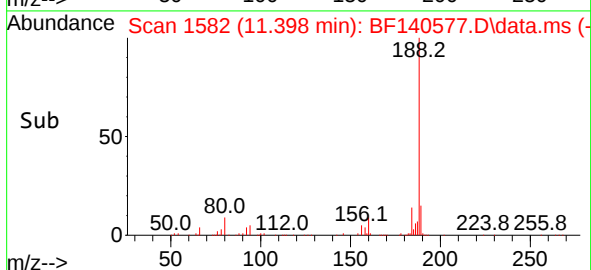
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

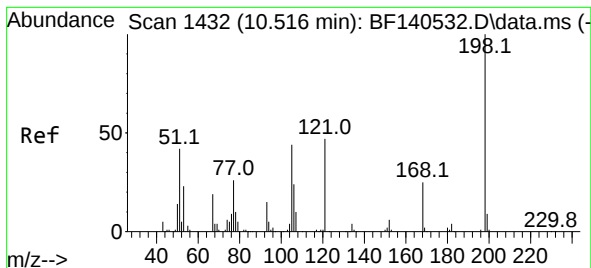


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06



Tgt Ion:188 Resp: 341593
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.5 6.9 10.3





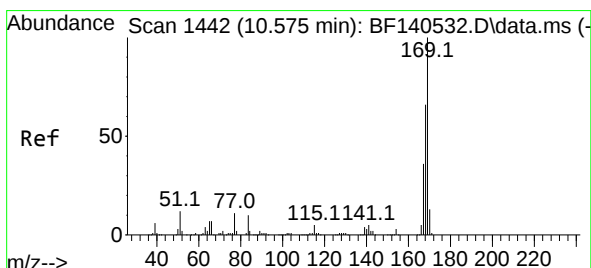
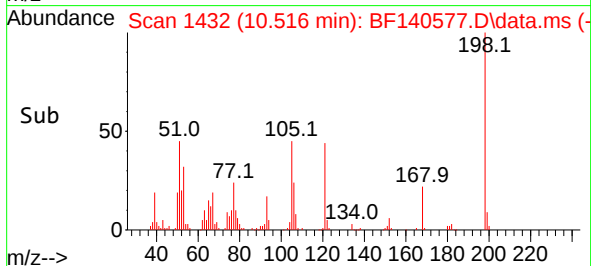
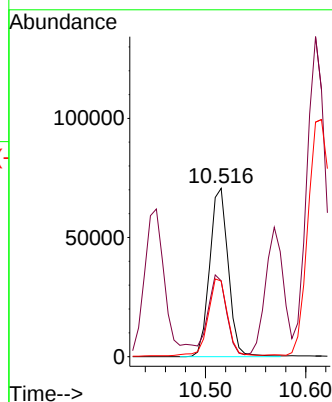
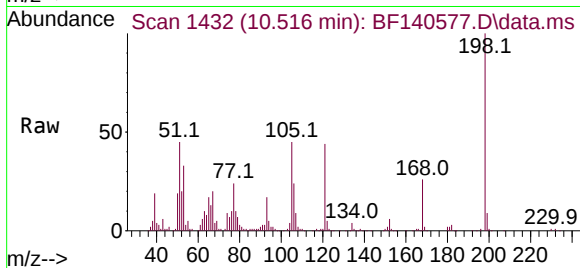
#65
4,6-Dinitro-2-methylphenol
Concen: 52.213 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:198 Resp: 91140
Ion Ratio Lower Upper
198 100
51 45.0 29.4 69.4
105 44.9 25.4 65.4

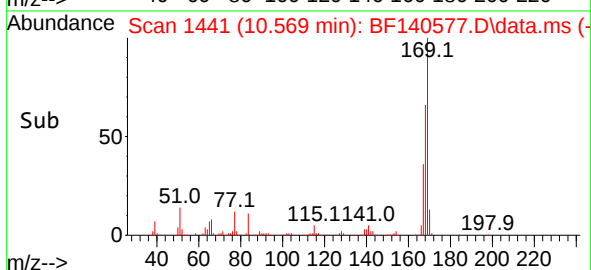
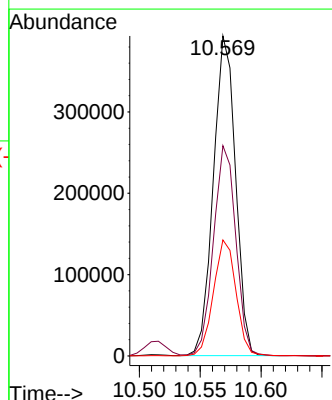
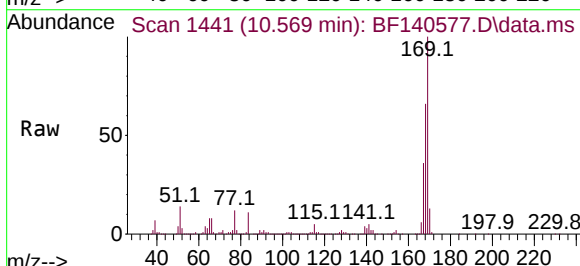
Manual Integrations
APPROVED

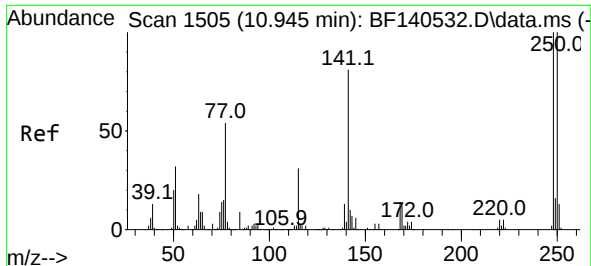
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 49.445 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:169 Resp: 499480
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 36.3 29.0 43.6





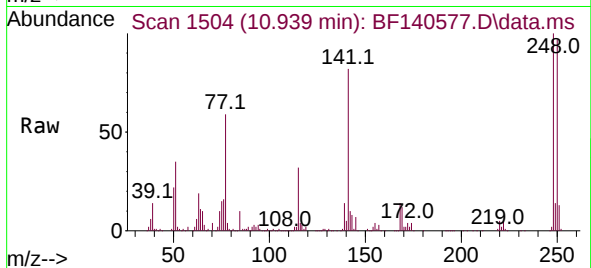
#67
4-Bromophenyl-phenylether
Concen: 48.637 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

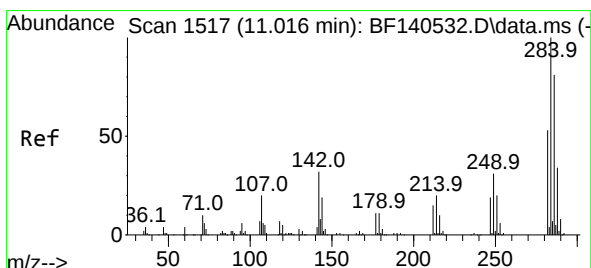
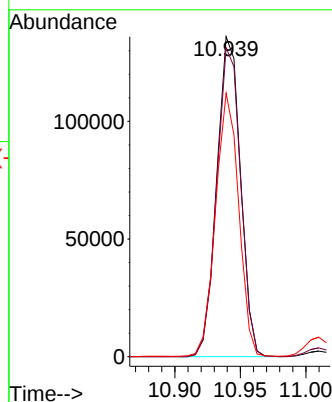
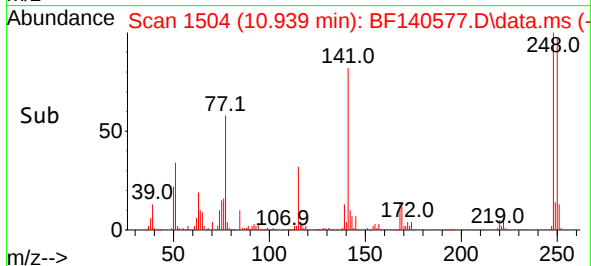


Tgt Ion:248 Resp: 171100
Ion Ratio Lower Upper
248 100
250 96.6 79.8 119.8
141 82.3 64.7 97.1

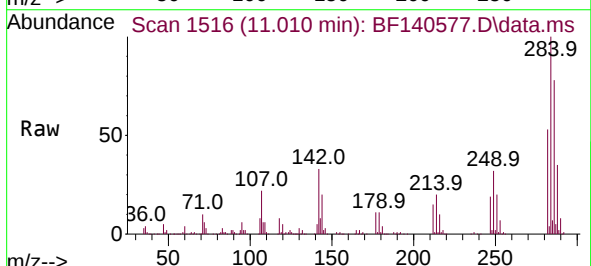
Manual Integrations

APPROVED

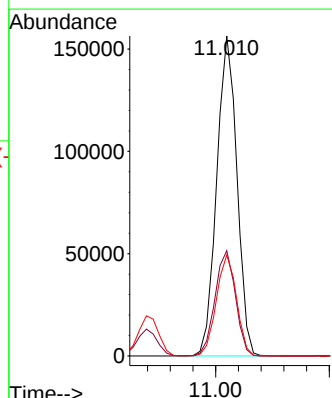
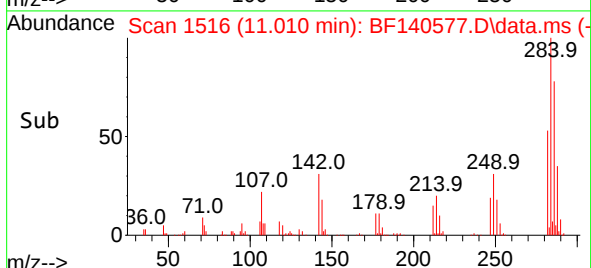
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 47.464 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06



Tgt Ion:284 Resp: 193339
Ion Ratio Lower Upper
284 100
142 32.9 25.3 37.9
249 31.5 24.8 37.2





#69

Atrazine

Concen: 58.654 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

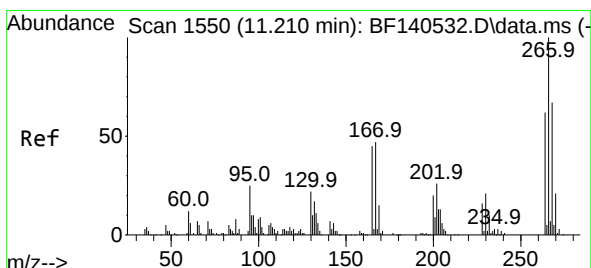
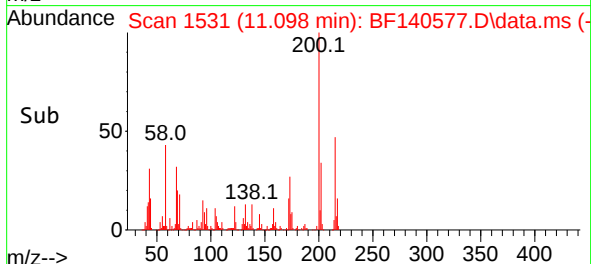
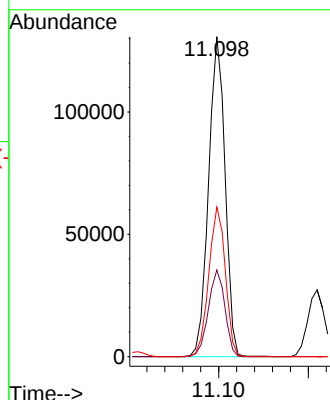
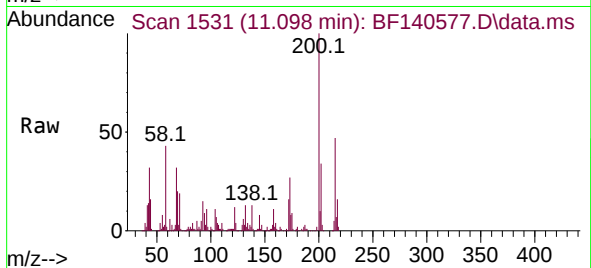
Tgt Ion:200 Resp: 166680

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.0	47.0
215	46.7	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 110.704 ng

RT: 11.210 min Scan# 1550

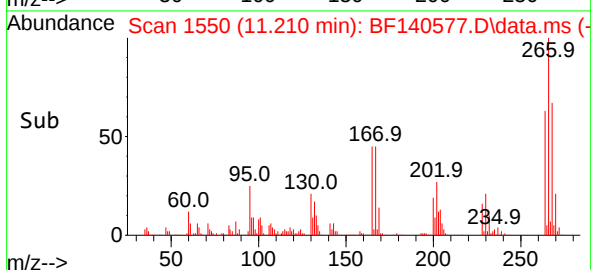
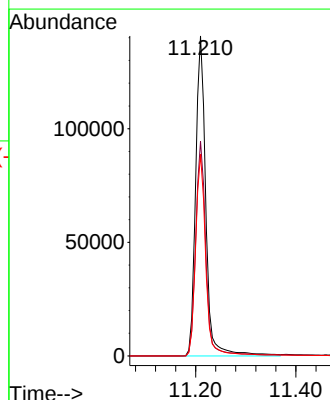
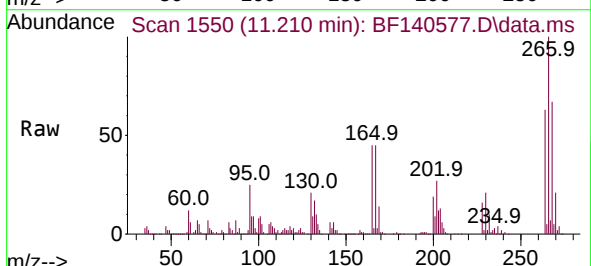
Delta R.T. -0.000 min

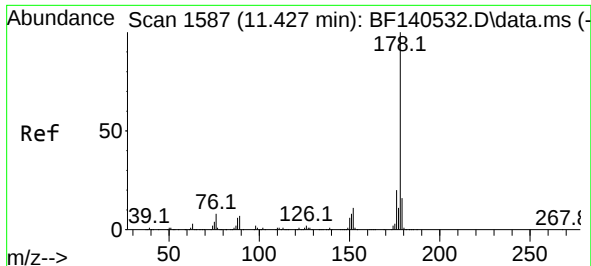
Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Tgt Ion:266 Resp: 198468

Ion	Ratio	Lower	Upper
266	100		
268	67.2	53.7	80.5
264	63.0	49.8	74.8





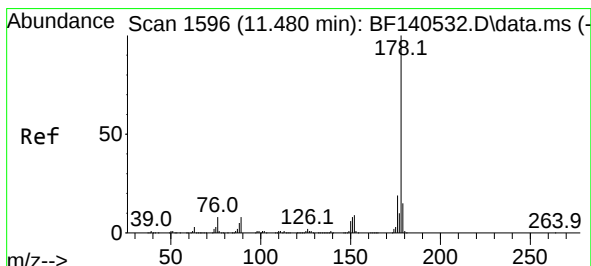
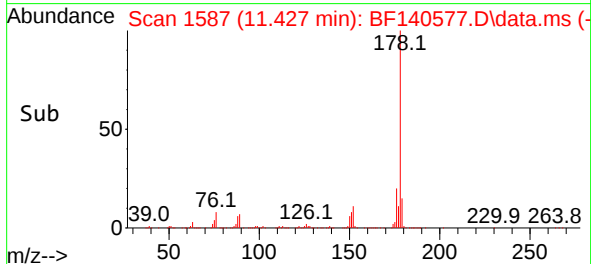
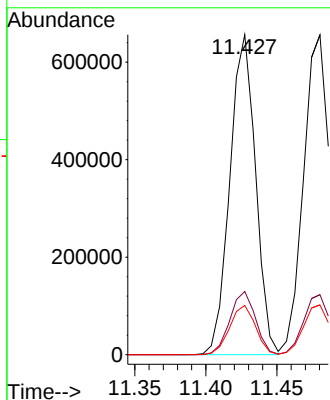
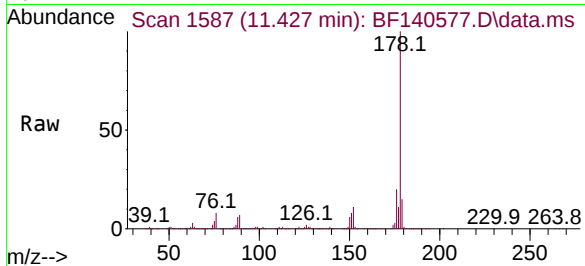
#71
Phenanthrene
Concen: 50.402 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:178 Resp: 827609
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.4 12.4 18.6

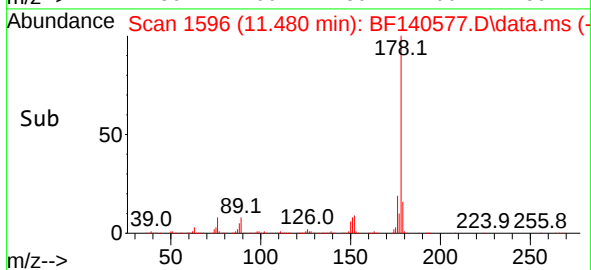
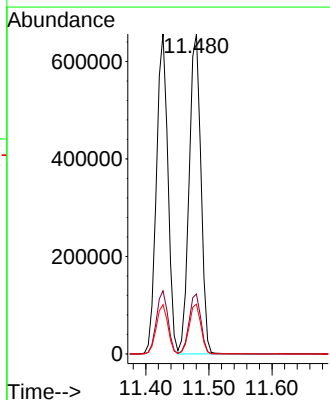
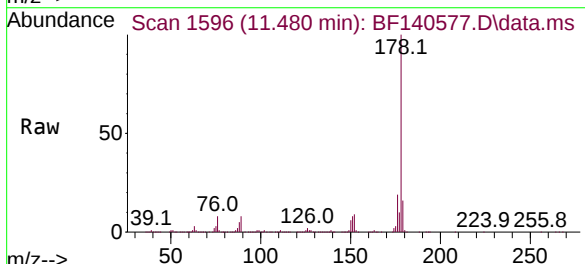
Manual Integrations
APPROVED

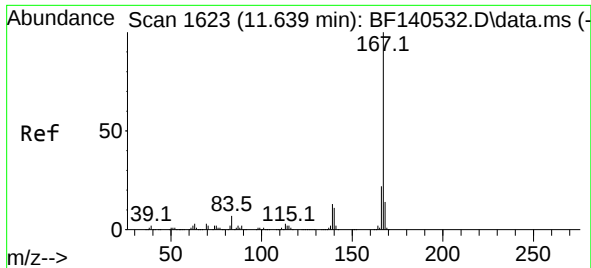
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 52.595 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:178 Resp: 844772
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.6 12.2 18.4





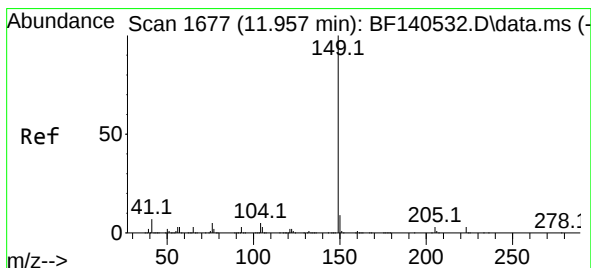
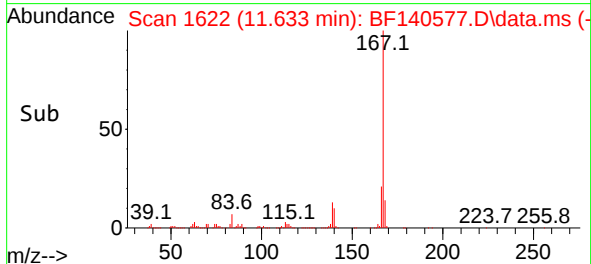
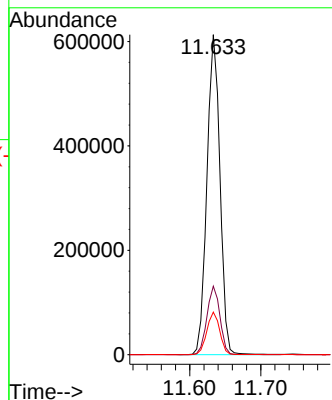
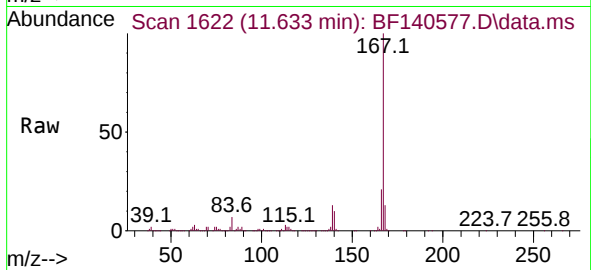
#73
Carbazole
Concen: 50.633 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:167 Resp: 78237
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.3 10.6 15.8

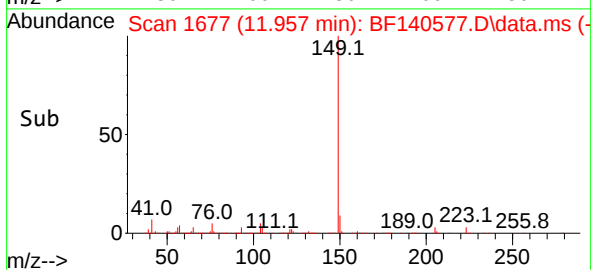
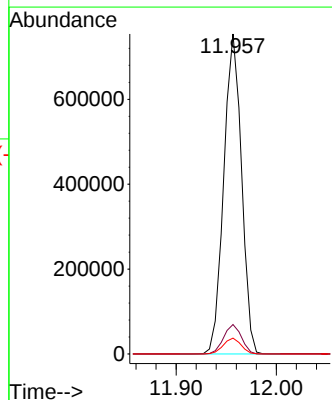
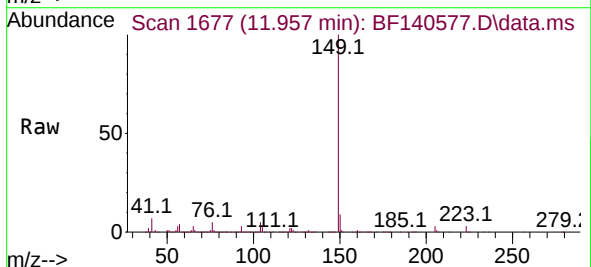
Manual Integrations
APPROVED

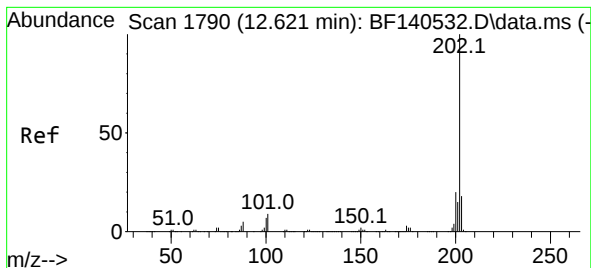
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#74
Di-n-butylphthalate
Concen: 51.855 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:149 Resp: 925038
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 51.141 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

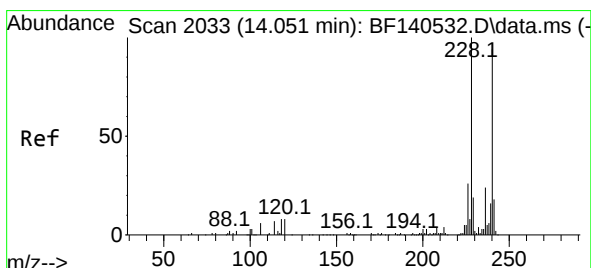
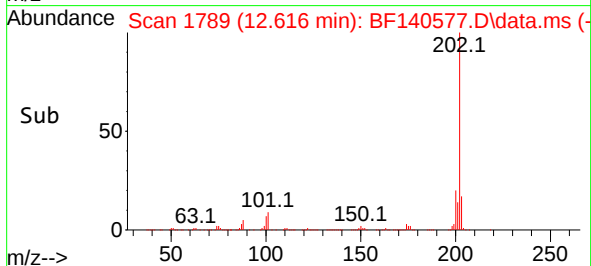
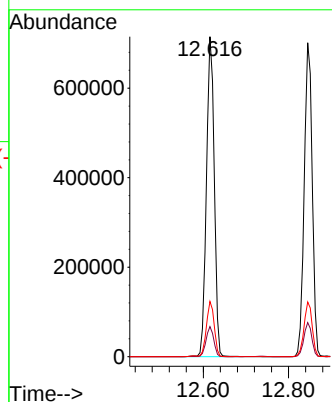
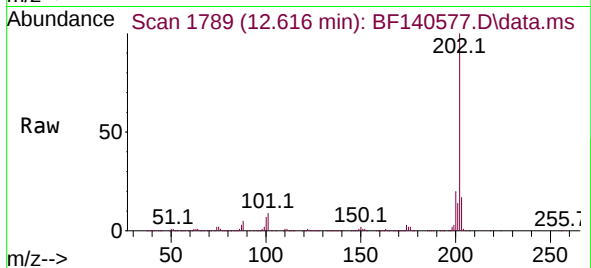
MH-732MSD

Tgt Ion:	202	Resp:	91174
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	28.9
203	17.2	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#76

Chrysene-d12

Concen: 20.000 ng

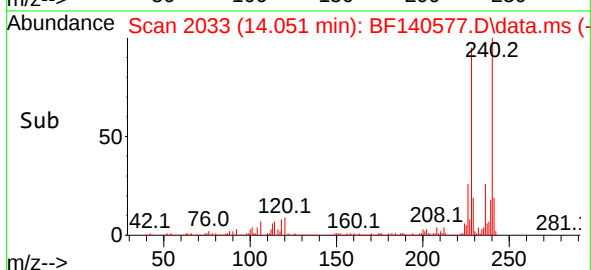
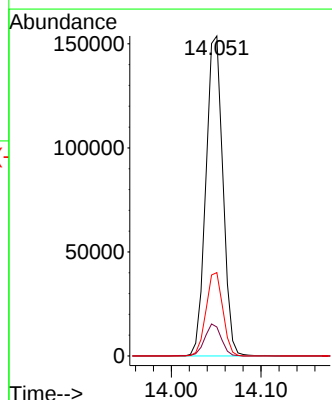
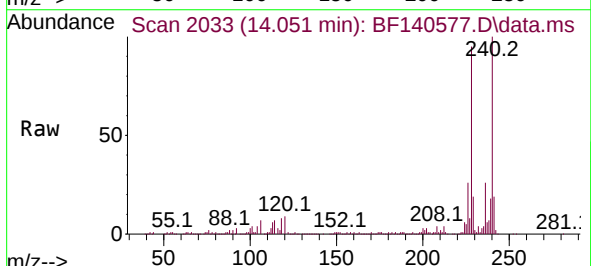
RT: 14.051 min Scan# 2033

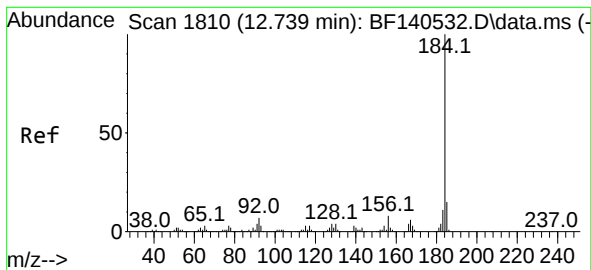
Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Tgt Ion:	240	Resp:	201797
Ion Ratio	Lower	Upper	
240	100		
120	9.0	7.3	10.9
236	26.0	20.6	31.0





#77

Benzidine

Concen: 38.908 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion:184 Resp: 22827

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

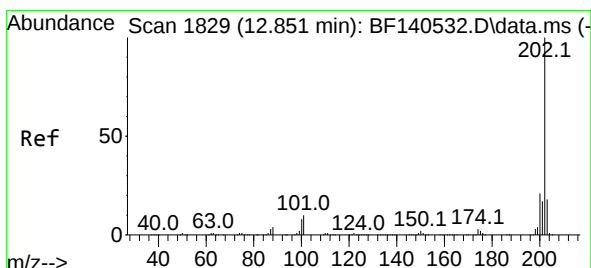
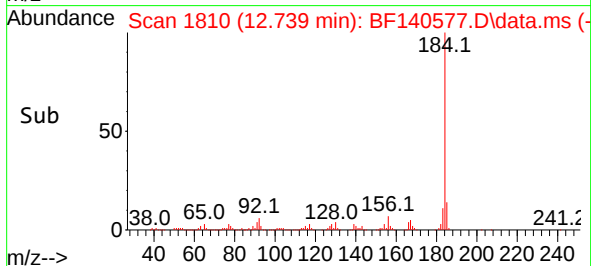
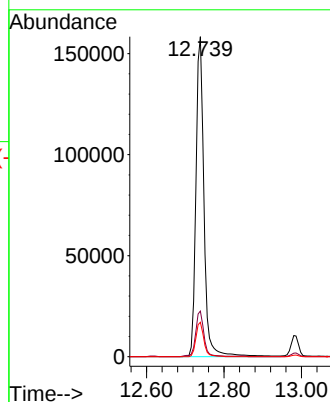
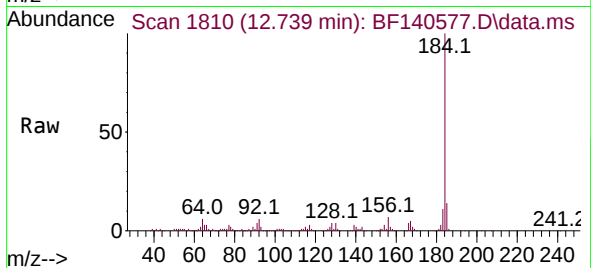
183 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024

Supervised By :mohammad ahmed 11/27/2024



#78

Pyrene

Concen: 49.139 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

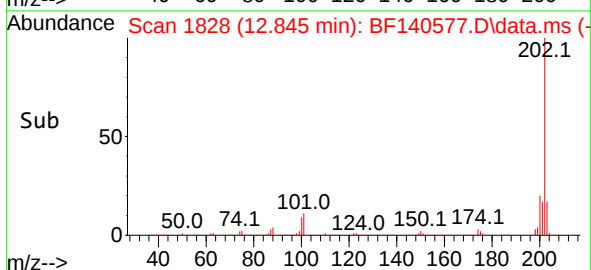
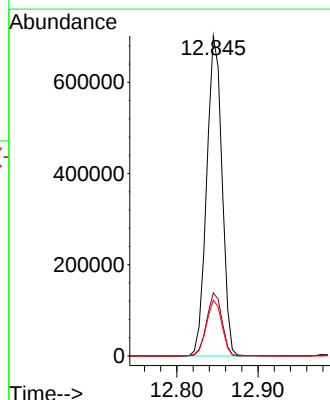
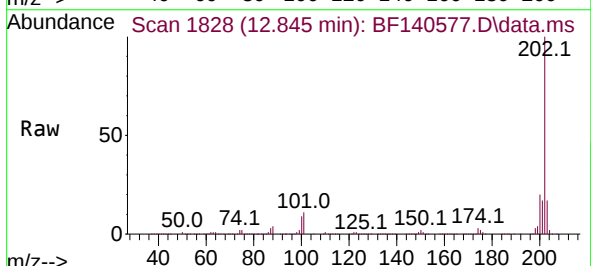
Tgt Ion:202 Resp: 916862

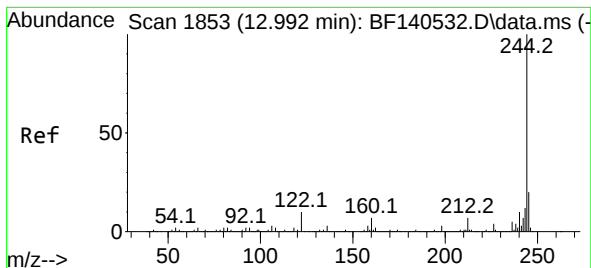
Ion Ratio Lower Upper

202 100

200 19.7 16.5 24.7

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 75.434 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

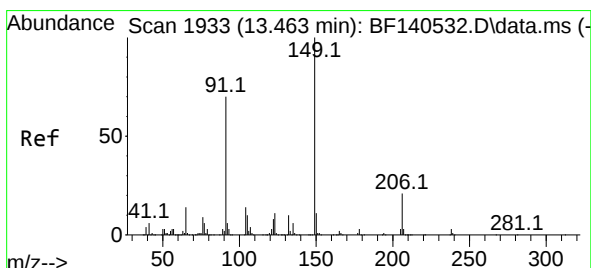
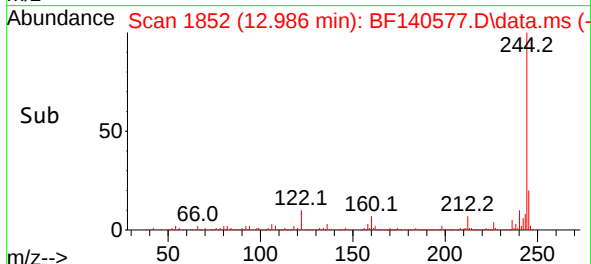
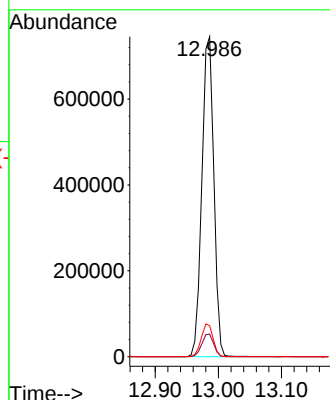
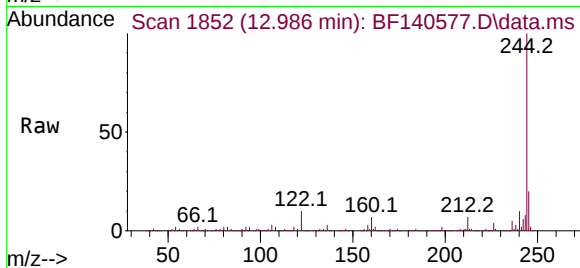
Tgt Ion:244 Resp: 97759

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.7	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 51.375 ng

RT: 13.457 min Scan# 1932

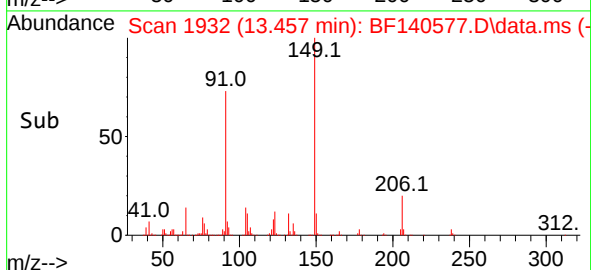
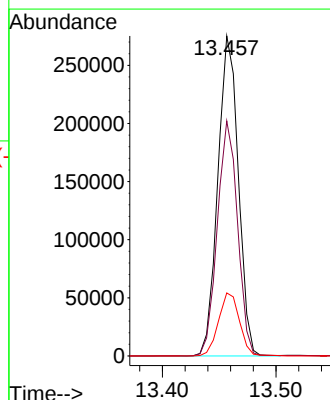
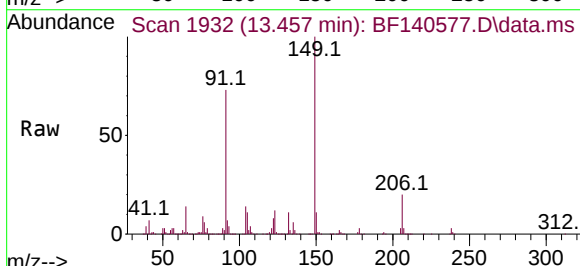
Delta R.T. -0.006 min

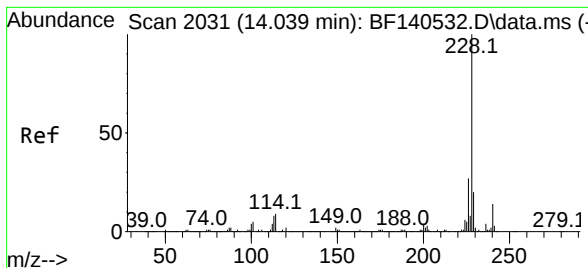
Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Tgt Ion:149 Resp: 345319

Ion	Ratio	Lower	Upper
149	100		
91	73.4	56.2	84.2
206	19.7	16.4	24.6





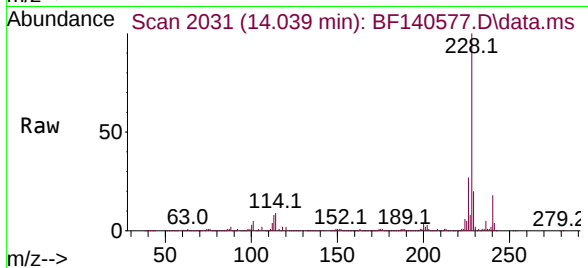
#81
Benzo(a)anthracene
Concen: 51.413 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

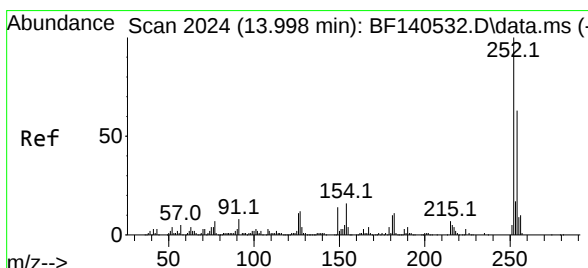
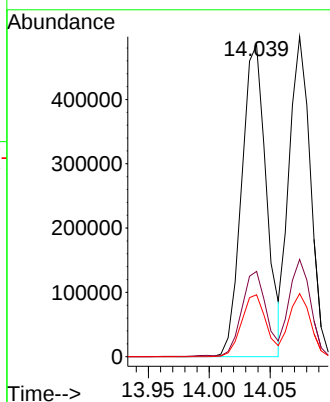
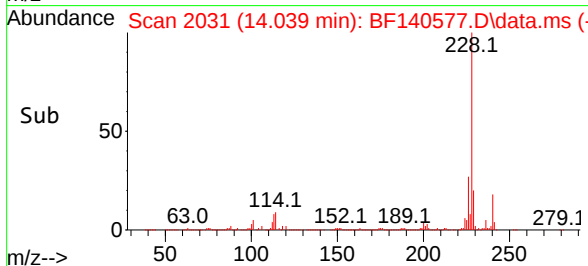


Tgt Ion:228 Resp: 686780
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 15.8 23.6

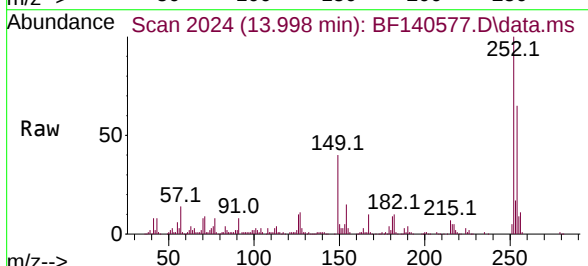
Manual Integrations

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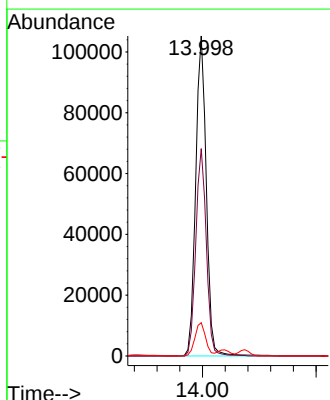
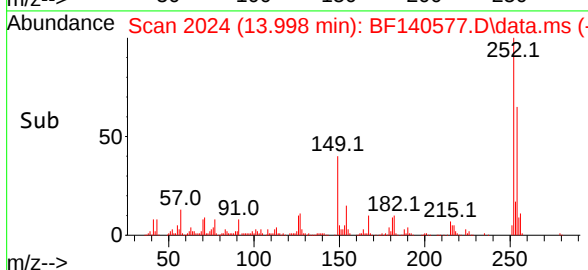
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 34.207 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06



Tgt Ion:252 Resp: 137193
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 10.4 8.6 13.0





#83

Chrysene

Concen: 49.753 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

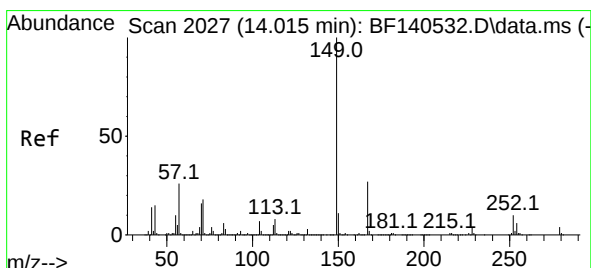
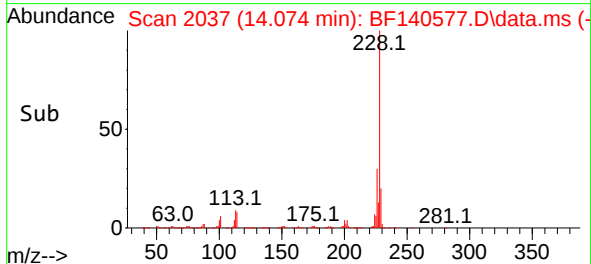
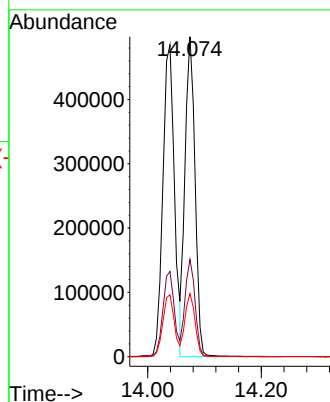
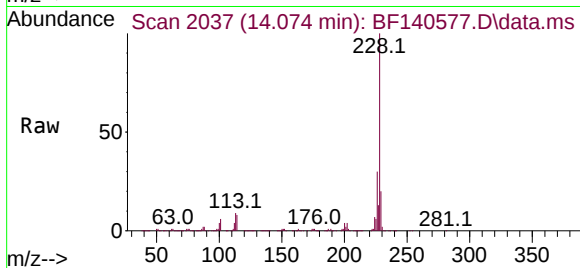
Tgt Ion:228 Resp: 607710

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.069 ng

RT: 14.015 min Scan# 2027

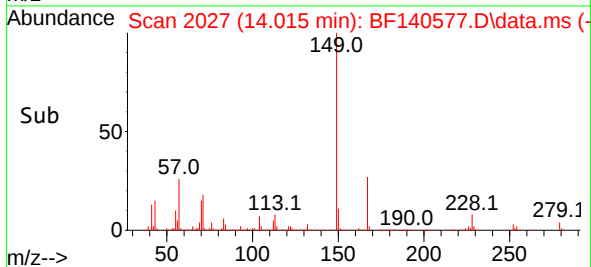
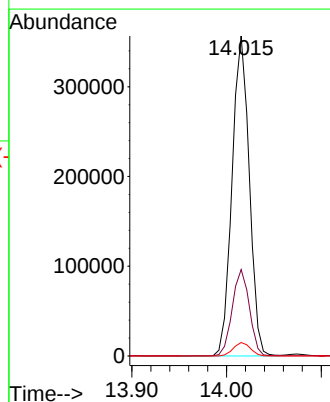
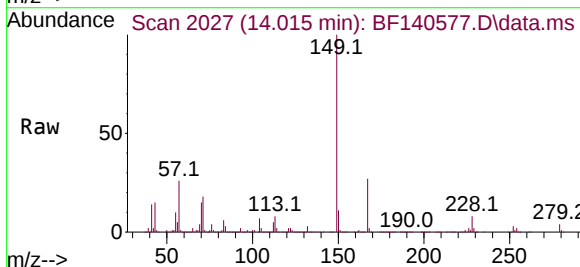
Delta R.T. -0.000 min

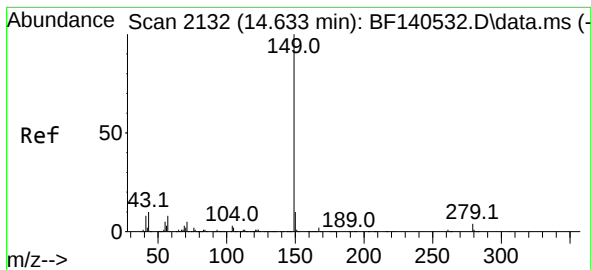
Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Tgt Ion:149 Resp: 450416

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.2	31.8
279	4.2	3.2	4.8





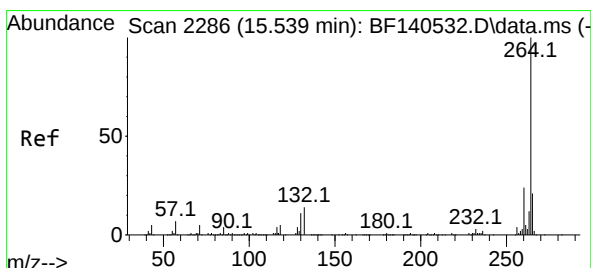
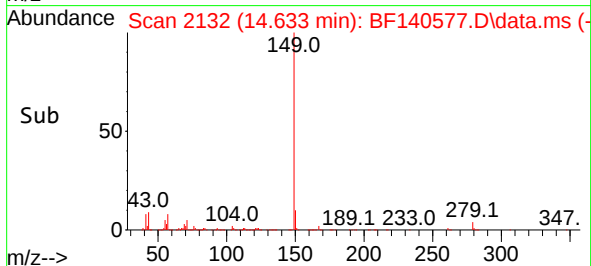
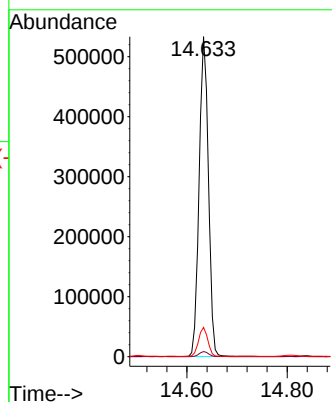
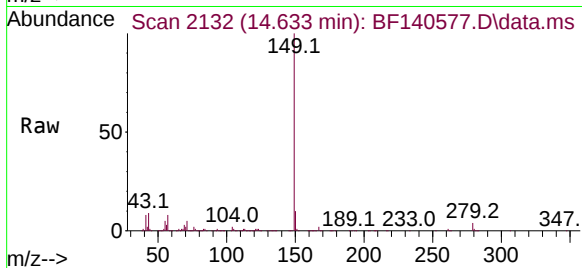
#85
Di-n-octyl phthalate
Concen: 58.777 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:149 Resp: 681760
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.7 11.5

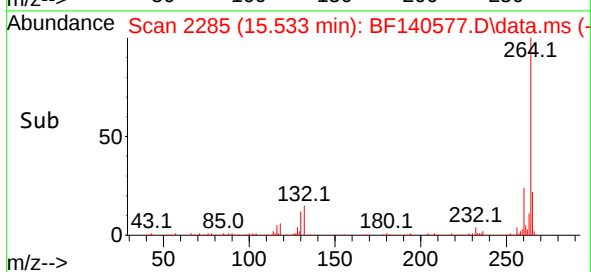
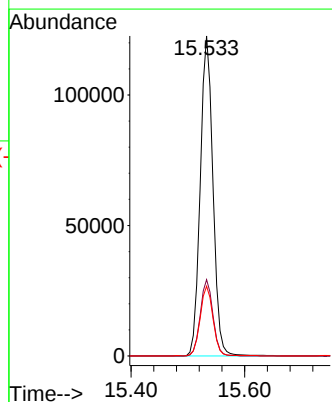
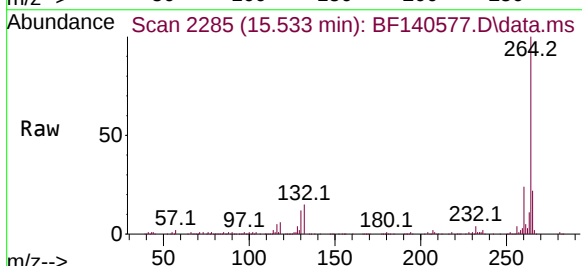
Manual Integrations
APPROVED

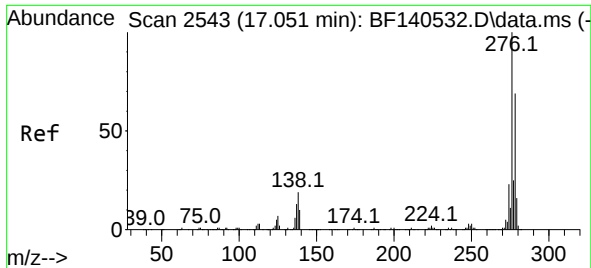
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:264 Resp: 190352
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.8 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.412 ng
RT: 17.045 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

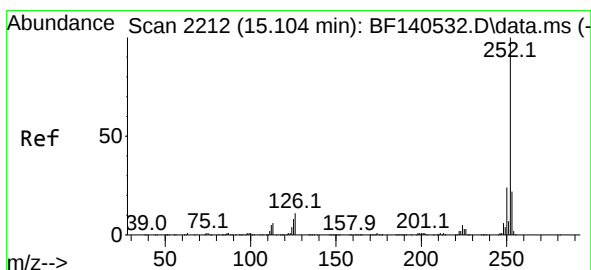
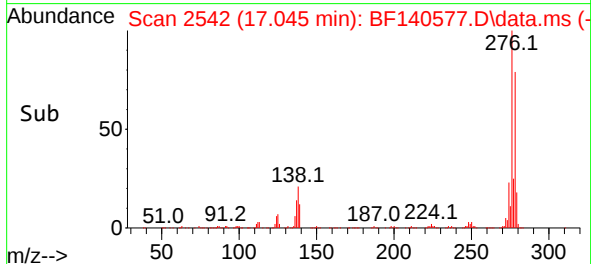
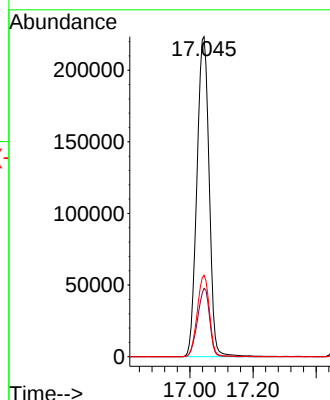
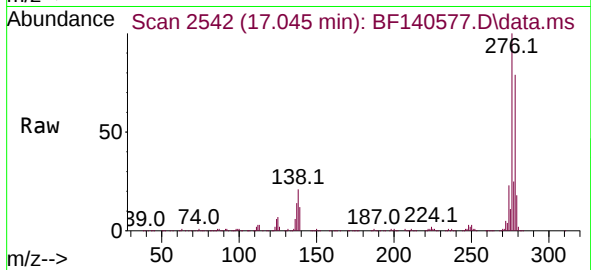
ClientSampleId :

MH-732MSD

Tgt Ion:276 Resp: 60055
Ion Ratio Lower Upper
276 100
138 21.0 15.5 23.3
277 25.2 20.1 30.1

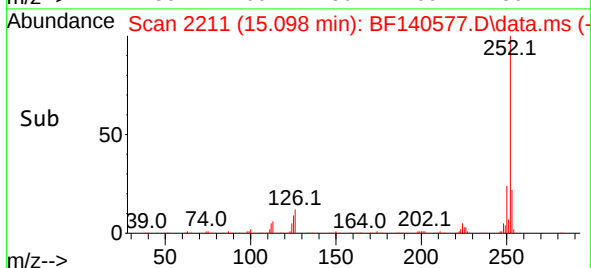
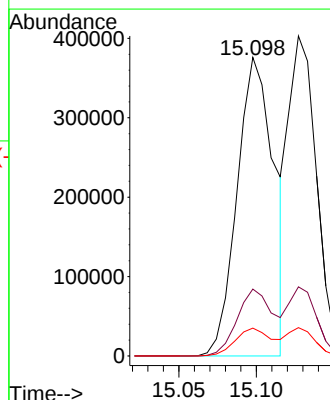
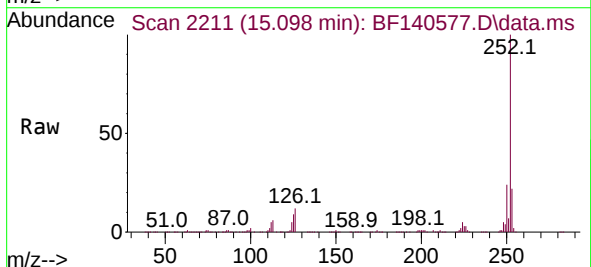
Manual Integrations
APPROVED

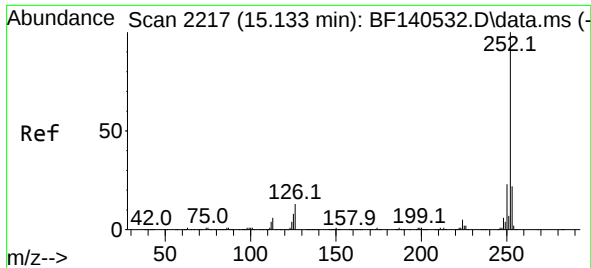
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#88
Benzo(b)fluoranthene
Concen: 52.140 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:252 Resp: 623402
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 9.3 6.7 10.1





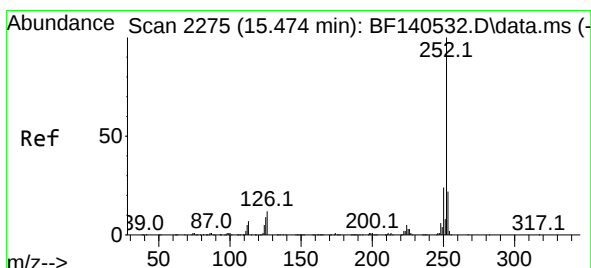
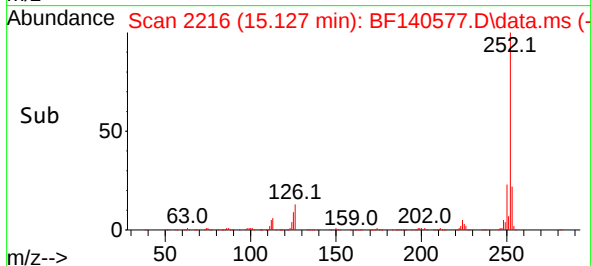
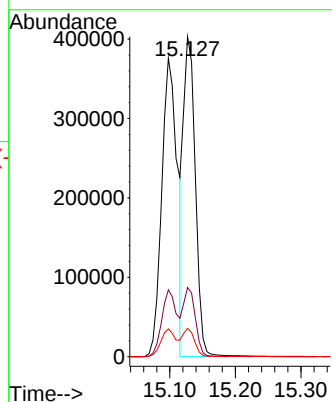
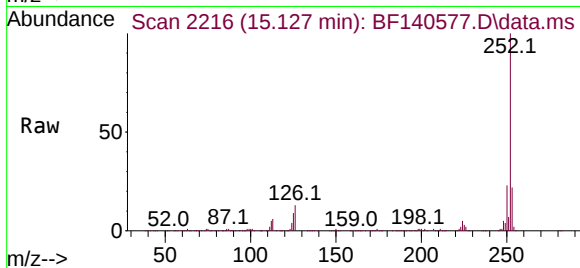
#89
Benzo(k)fluoranthene
Concen: 48.785 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:252 Resp: 51042
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.9 6.5 9.7

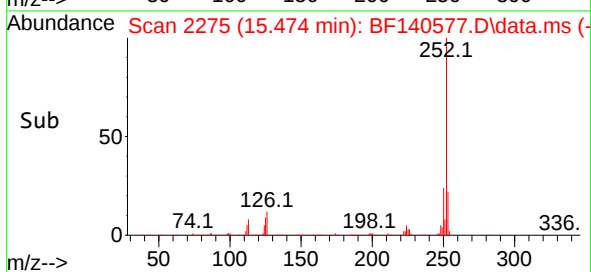
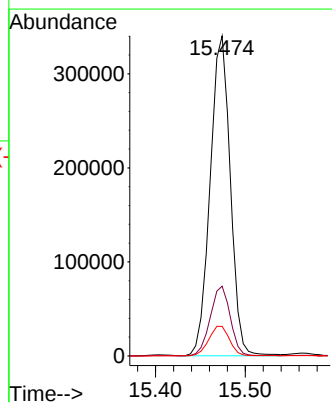
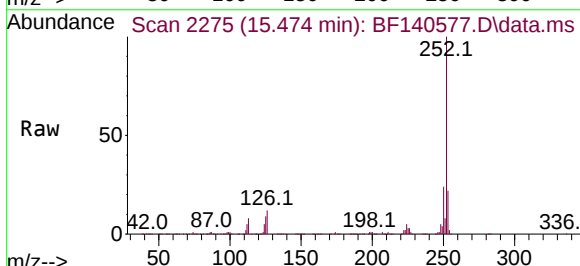
Manual Integrations
APPROVED

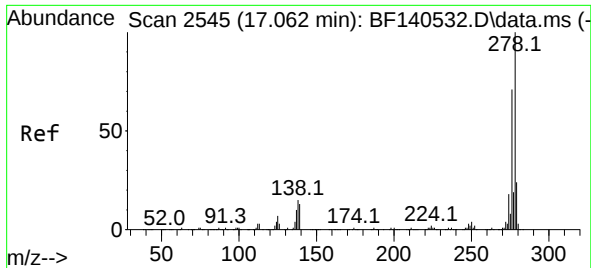
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 54.550 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:252 Resp: 530302
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.3 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 48.052 ng
RT: 17.056 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

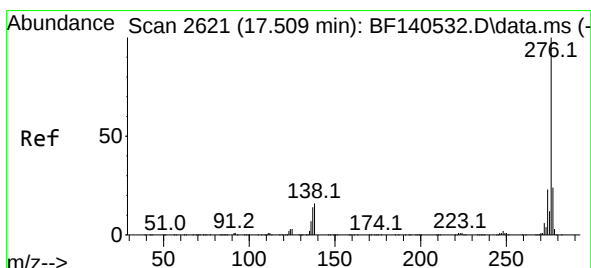
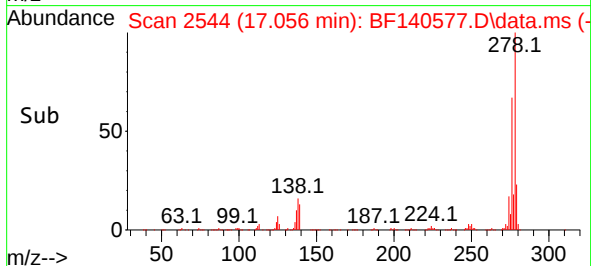
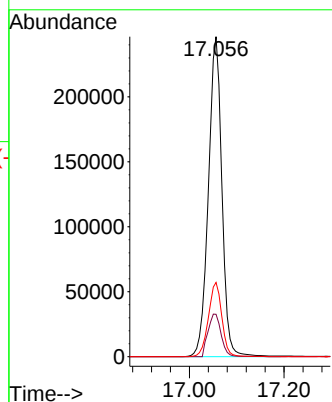
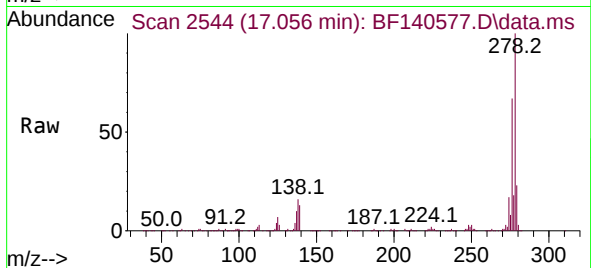
MH-732MSD

Tgt Ion:278 Resp: 48816
Ion Ratio Lower Upper
278 100
139 13.2 10.2 15.4
279 23.2 18.9 28.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 42.427 ng
RT: 17.498 min Scan# 2619
Delta R.T. -0.012 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:276 Resp: 439837
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 18.3 13.2 19.8

