

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140704.D
 Acq On : 03 Dec 2024 12:22
 Operator : RC/JU
 Sample : PB165312BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165312BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024

Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 12:55:08 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	89477	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	355921	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	205335	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	400071	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241048	20.000	ng	0.00
86) Perylene-d12	15.563	264	201165	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	697561	133.016	ng	0.01
7) Phenol-d6	6.516	99	896319	129.284	ng	0.00
23) Nitrobenzene-d5	7.434	82	589073	84.657	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	301764	137.411	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1219648	88.500	ng	0.00
79) Terphenyl-d14	12.986	244	1474108	95.225	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	89096	40.408	ng	99
3) Pyridine	3.487	79	220170	45.384	ng	99
4) n-Nitrosodimethylamine	3.434	42	121115	42.478	ng	92
6) Aniline	6.534	93	249081	51.043	ng	86
8) 2-Chlorophenol	6.663	128	283092	50.176	ng	95
9) Benzaldehyde	6.422	77	45580	12.419	ng	99
10) Phenol	6.528	94	344405	48.643	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	270284	49.886	ng	100
12) 1,3-Dichlorobenzene	6.810	146	292082	46.073	ng	98
13) 1,4-Dichlorobenzene	6.887	146	298193	46.454	ng	99
14) 1,2-Dichlorobenzene	7.040	146	284253	47.258	ng	99
15) Benzyl Alcohol	7.016	79	251818	48.978	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	330582	51.647	ng	91
17) 2-Methylphenol	7.134	107	219106	48.514	ng	97
18) Hexachloroethane	7.375	117	111288	46.420	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	198906	48.545	ng	97
20) 3+4-Methylphenols	7.287	107	283882	48.903	ng	# 89
22) Acetophenone	7.281	105	383497	44.196	ng	98
24) Nitrobenzene	7.457	77	306556	42.627	ng	97
25) Isophorone	7.692	82	549561	47.352	ng	99
26) 2-Nitrophenol	7.769	139	150068	47.087	ng	97
27) 2,4-Dimethylphenol	7.804	122	230108m	60.345	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	340037	48.093	ng	100
29) 2,4-Dichlorophenol	8.016	162	241562	47.808	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	255790	44.338	ng	99
31) Naphthalene	8.175	128	850128	46.371	ng	99
32) Benzoic acid	7.939	122	103375	33.677	ng	98
33) 4-Chloroaniline	8.228	127	160604	29.259	ng	98
34) Hexachlorobutadiene	8.287	225	173390	45.376	ng	100
35) Caprolactam	8.598	113	79495m	50.838	ng	
36) 4-Chloro-3-methylphenol	8.716	107	277090	48.980	ng	99
37) 2-Methylnaphthalene	8.863	142	576985	49.550	ng	99
38) 1-Methylnaphthalene	8.963	142	532357	46.641	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	281335	46.802	ng	99
41) Hexachlorocyclopentadiene	9.010	237	227711	160.458	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	178510	47.326	ng	99

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 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

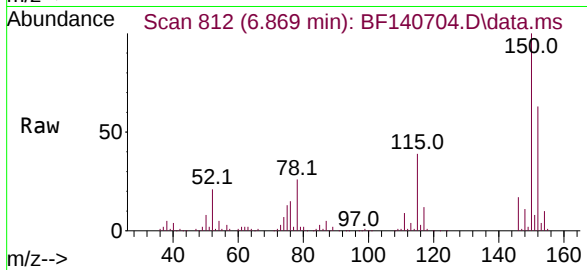
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	187175	45.723	ng	97
46) 1,1'-Biphenyl	9.328	154	725593	47.330	ng	100
47) 2-Chloronaphthalene	9.357	162	539639	46.456	ng	98
48) 2-Nitroaniline	9.457	65	176469	47.329	ng	94
49) Acenaphthylene	9.769	152	886756	50.523	ng	100
50) Dimethylphthalate	9.628	163	679143	50.220	ng	100
51) 2,6-Dinitrotoluene	9.698	165	144864	47.233	ng	92
52) Acenaphthene	9.939	154	538713	48.306	ng	99
53) 3-Nitroaniline	9.869	138	92352	30.787	ng	95
54) 2,4-Dinitrophenol	9.986	184	115161	73.234	ng	93
55) Dibenzofuran	10.116	168	805707	47.366	ng	99
56) 4-Nitrophenol	10.045	139	186435	91.132	ng	94
57) 2,4-Dinitrotoluene	10.104	165	194710	47.768	ng	98
58) Fluorene	10.457	166	650887	47.671	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	164361	52.242	ng	92
60) Diethylphthalate	10.328	149	687077	50.006	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	321780	48.022	ng	100
62) 4-Nitroaniline	10.486	138	150493	47.835	ng	92
63) Azobenzene	10.610	77	662311	50.902	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	98447	48.155	ng	98
66) n-Nitrosodiphenylamine	10.569	169	569197	48.110	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	196326	47.651	ng	98
68) Hexachlorobenzene	11.010	284	219248	45.957	ng	99
69) Atrazine	11.098	200	193200	58.047	ng	99
70) Pentachlorophenol	11.210	266	172712	82.256	ng	99
71) Phenanthrene	11.428	178	936606	48.703	ng	99
72) Anthracene	11.475	178	971403	51.638	ng	99
73) Carbazole	11.633	167	876731	48.447	ng	99
74) Di-n-butylphthalate	11.951	149	1111182	53.185	ng	100
75) Fluoranthene	12.616	202	1025108	49.095	ng	99
77) Benzidine	12.739	184	290435	41.441	ng	99
78) Pyrene	12.845	202	1054453	47.311	ng	100
80) Butylbenzylphthalate	13.457	149	444305	55.338	ng	98
81) Benzo(a)anthracene	14.045	228	810018	50.764	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	148845	31.069	ng	99
83) Chrysene	14.080	228	733200	50.252	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	602451	59.423	ng	99
85) Di-n-octyl phthalate	14.651	149	898867	64.876	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	725035	55.305	ng	97
88) Benzo(b)fluoranthene	15.121	252	636213	50.351	ng	98
89) Benzo(k)fluoranthene	15.151	252	533132	48.216	ng	99
90) Benzo(a)pyrene	15.498	252	547908	53.331	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	591095	55.055	ng	99
92) Benzo(g,h,i)perylene	17.539	276	562024	51.299	ng	97

(#) = 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: BF140704.D
Acq: 03 Dec 2024 12:22

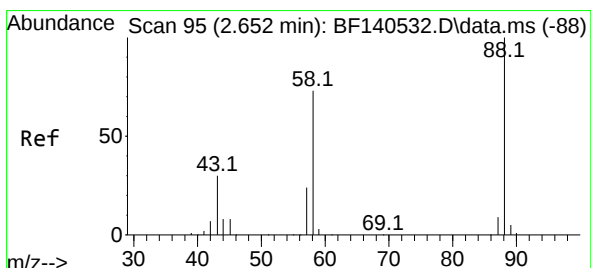
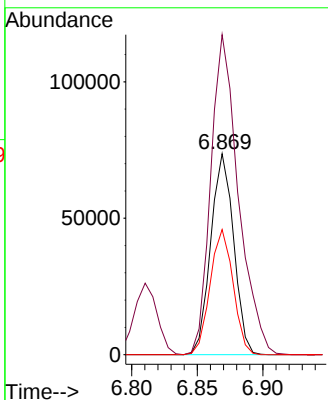
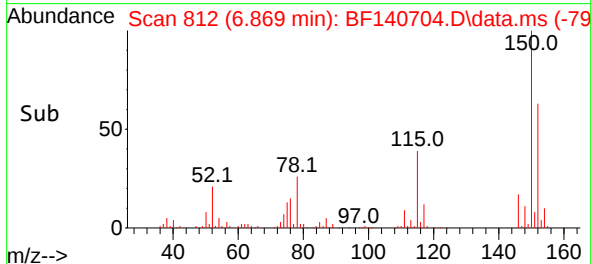
Instrument :
BNA_F
ClientSampleId :
PB165312BS



Tgt Ion:152 Resp: 8947
Ion Ratio Lower Upper
152 100
150 159.3 128.5 192.7
115 62.3 50.2 75.4

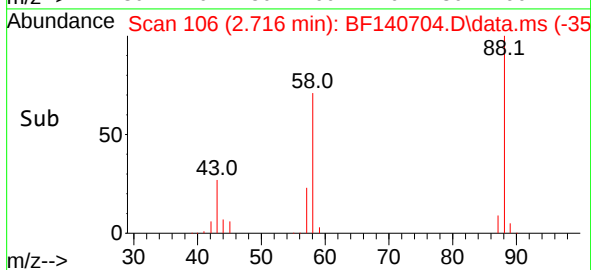
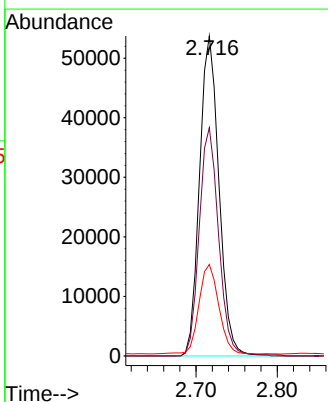
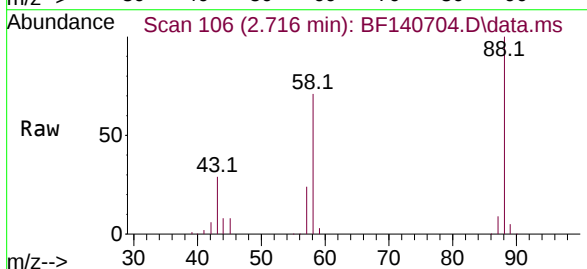
Manual Integrations
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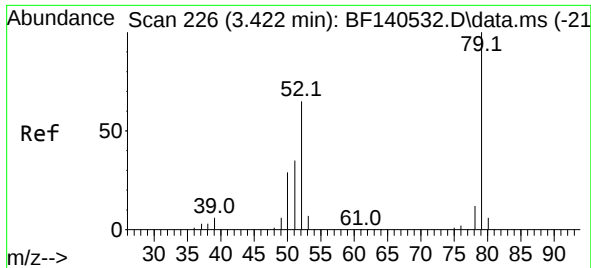
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#2
1,4-Dioxane
Concen: 40.408 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.065 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion: 88 Resp: 89096
Ion Ratio Lower Upper
88 100
58 71.3 57.4 86.2
43 28.8 24.3 36.5





#3

Pyridine

Concen: 45.384 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

Tgt Ion: 79 Resp: 220170

Ion Ratio Lower Upper

79 100

52 65.3 52.1 78.1

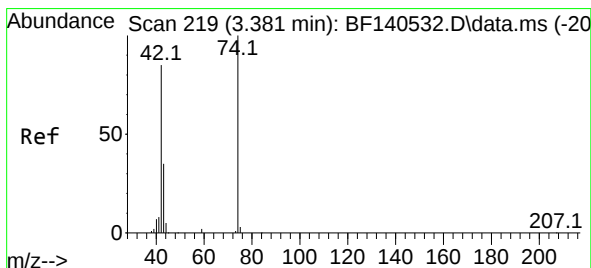
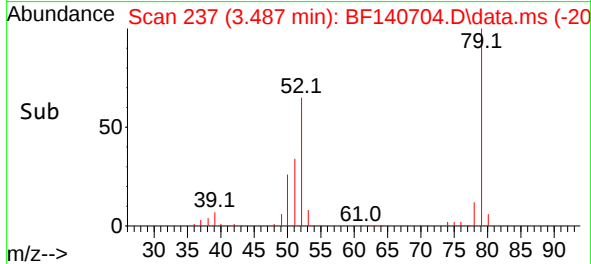
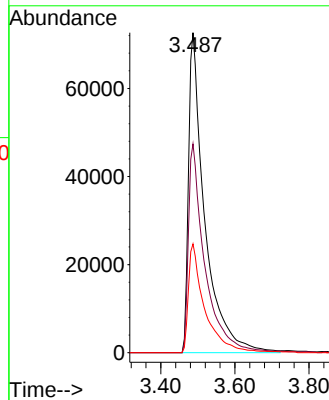
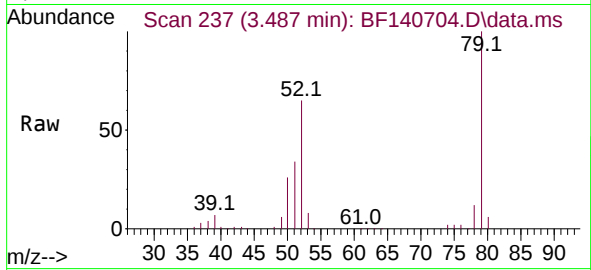
51 34.0 27.8 41.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#4

n-Nitrosodimethylamine

Concen: 42.478 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.053 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

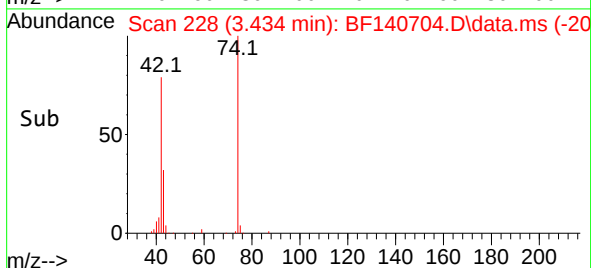
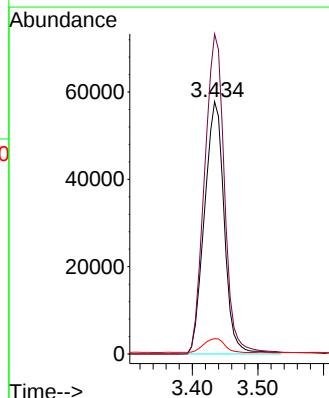
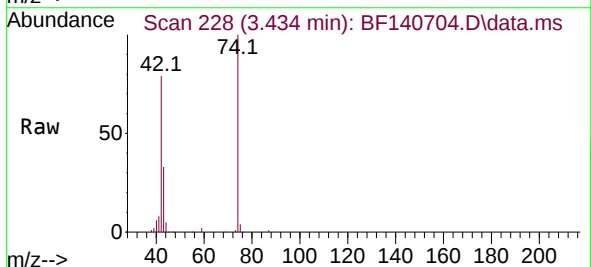
Tgt Ion: 42 Resp: 121115

Ion Ratio Lower Upper

42 100

74 126.8 93.8 140.6

44 6.1 4.6 6.8





#5
2-Fluorophenol
Concen: 133.016 ng
RT: 5.510 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

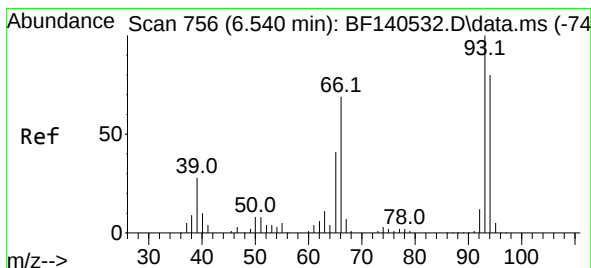
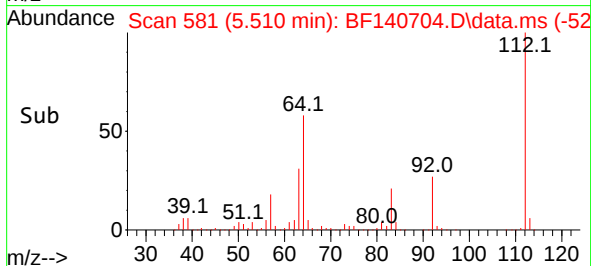
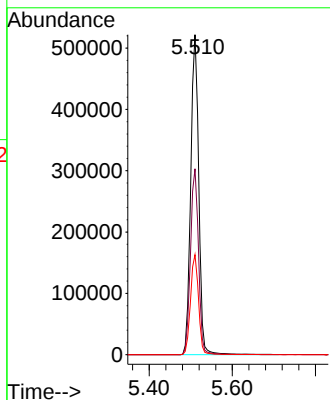
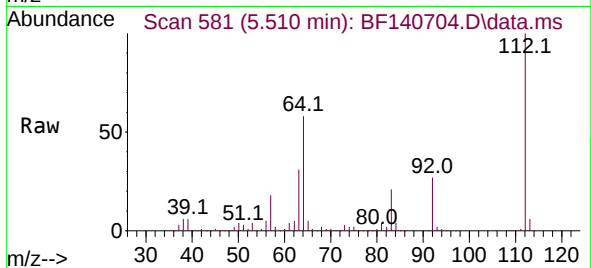
PB165312BS

Tgt Ion:112 Resp: 69756
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 31.2 27.0 40.4

Manual Integrations

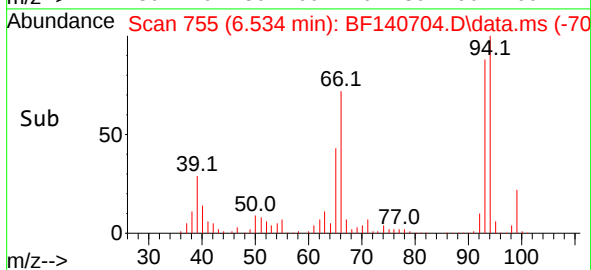
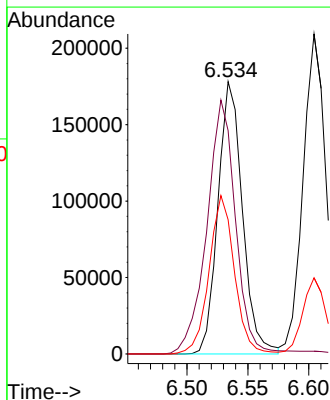
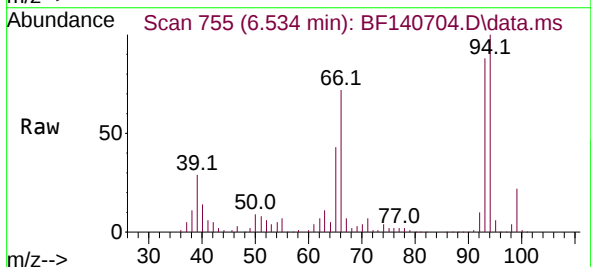
APPROVED

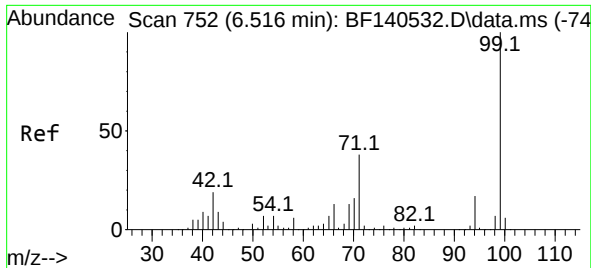
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#6
Aniline
Concen: 51.043 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

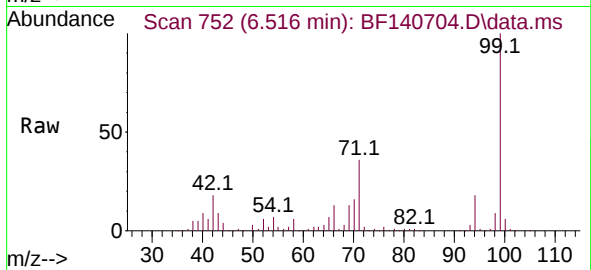
Tgt Ion: 93 Resp: 249081
Ion Ratio Lower Upper
93 100
66 82.0 56.5 84.7
65 49.3 32.9 49.3





#7
Phenol-d6
Concen: 129.284 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

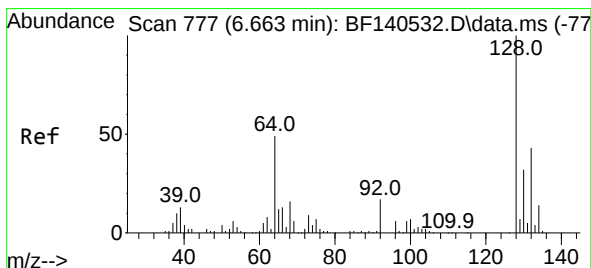
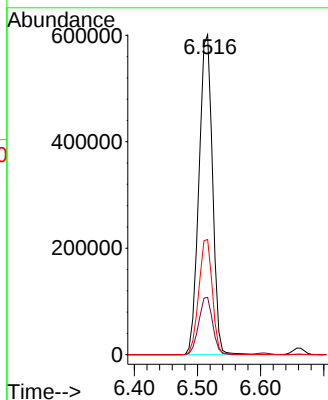
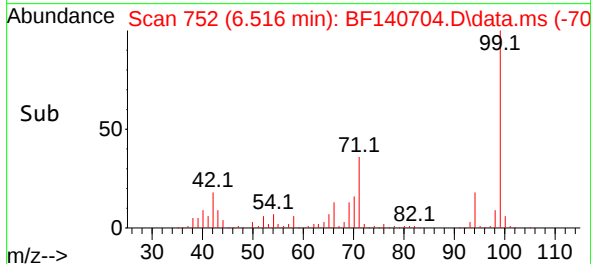
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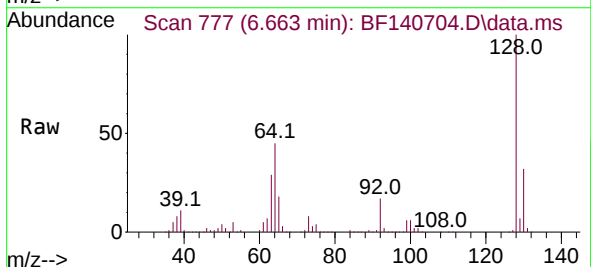
Tgt Ion: 99 Resp: 896319
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.0 30.6 46.0

Manual Integrations
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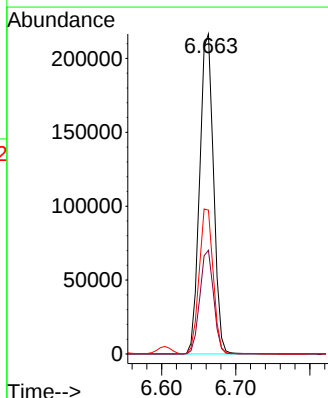
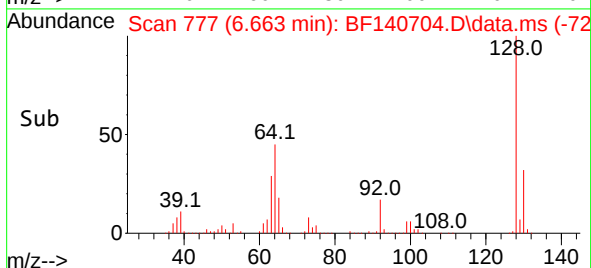
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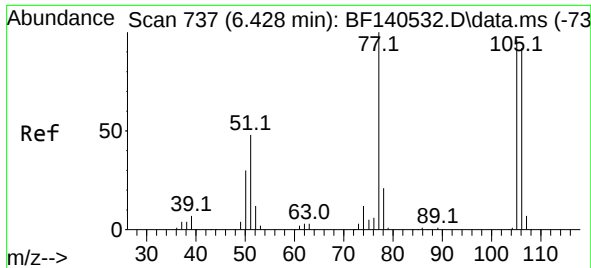


#8
2-Chlorophenol
Concen: 50.176 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22



Tgt Ion:128 Resp: 283092
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 44.9 30.2 70.2





#9

Benzaldehyde

Concen: 12.419 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

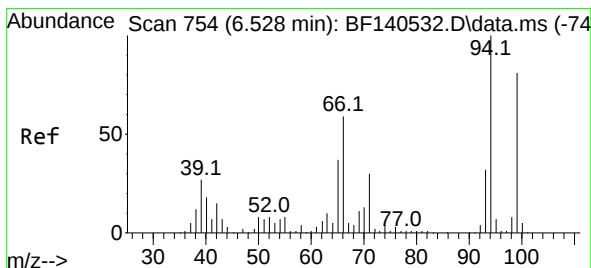
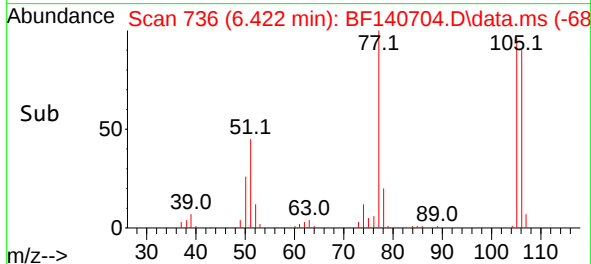
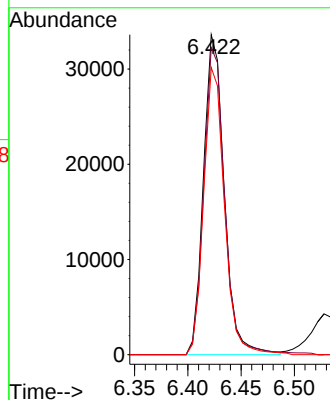
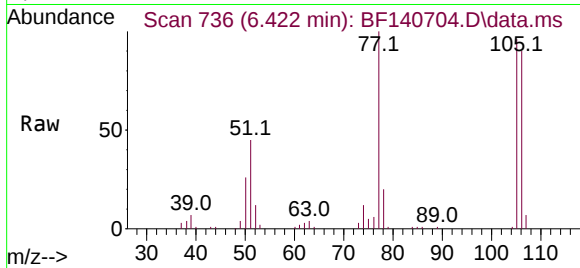
PB165312BS

Tgt Ion: 77	Resp: 45580
Ion Ratio	Lower Upper
77 100	
105 95.9	75.6 115.6
106 89.7	72.0 112.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2024
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#10

Phenol

Concen: 48.643 ng

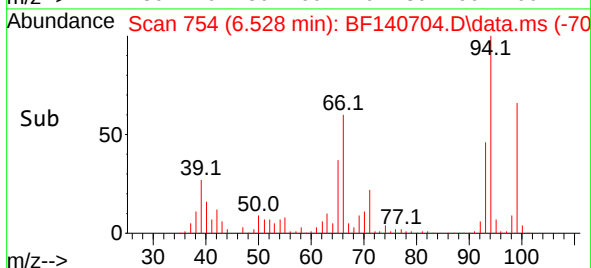
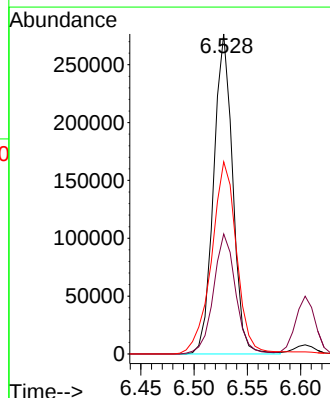
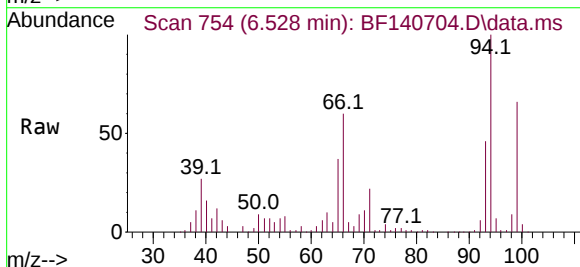
RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Tgt Ion: 94	Resp: 344405
Ion Ratio	Lower Upper
94 100	
65 37.5	17.2 57.2
66 60.1	39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 49.886 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

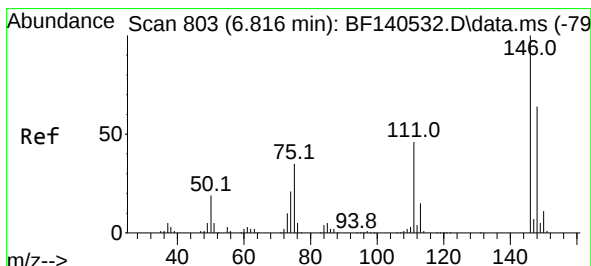
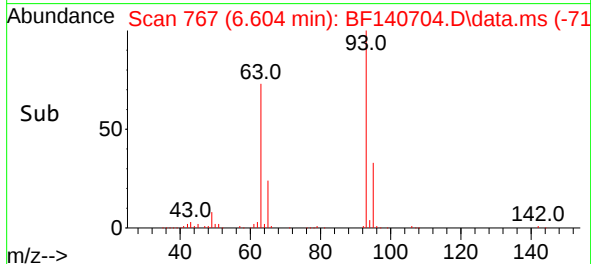
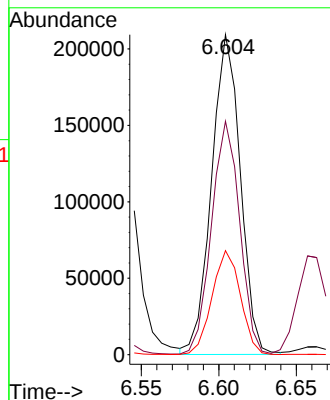
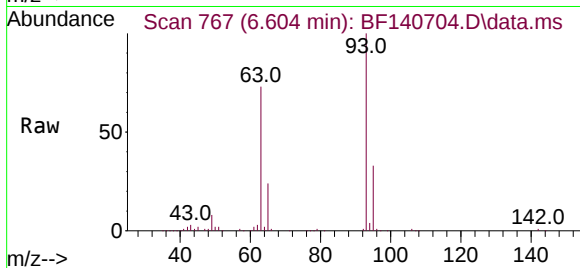
Tgt Ion: 93 Resp: 270284

Ion	Ratio	Lower	Upper
93	100		
63	73.0	52.8	92.8
95	32.5	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#12

1,3-Dichlorobenzene

Concen: 46.073 ng

RT: 6.810 min Scan# 802

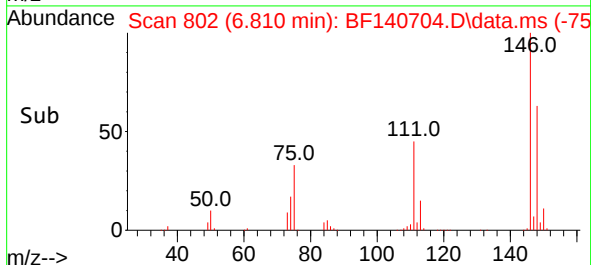
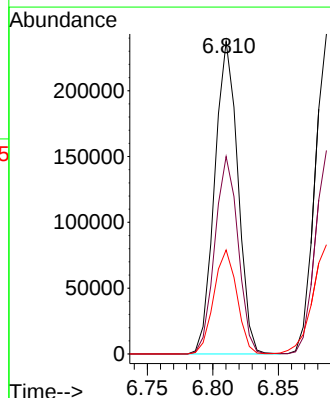
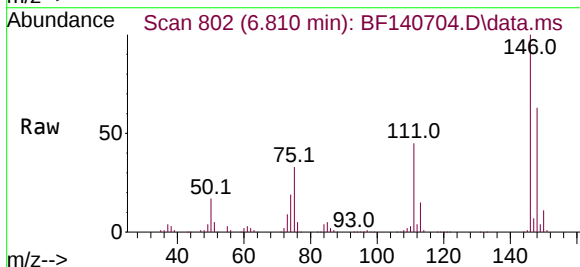
Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Tgt Ion:146 Resp: 292082

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.3	76.9
75	33.3	28.2	42.2





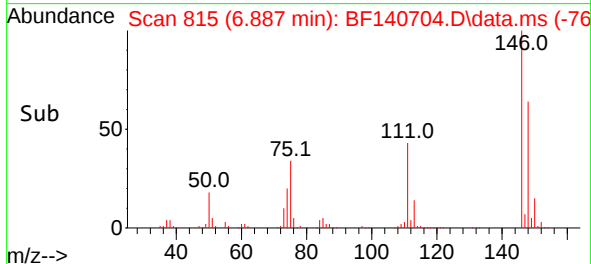
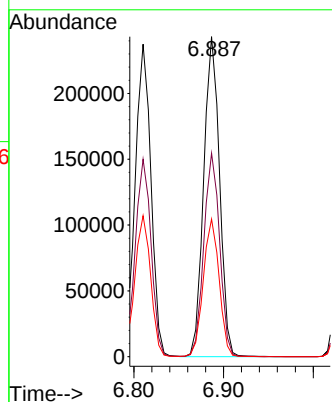
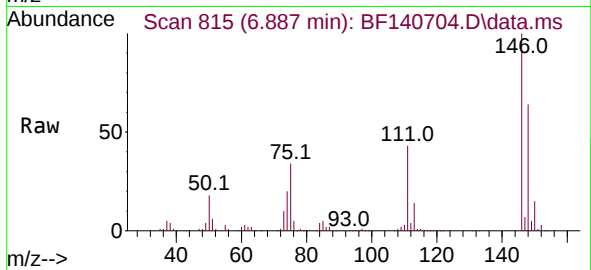
#13
1,4-Dichlorobenzene
Concen: 46.454 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB165312BS

Tgt Ion:146 Resp: 29819
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 43.0 35.3 52.9

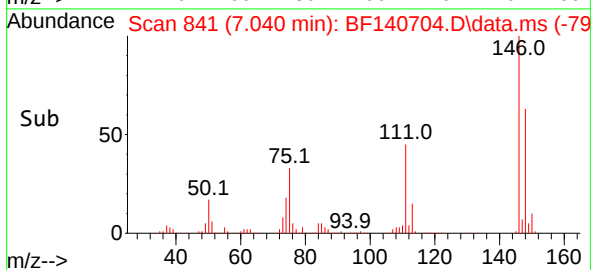
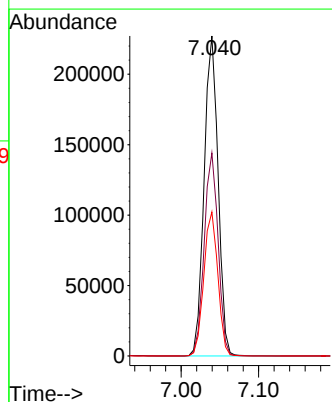
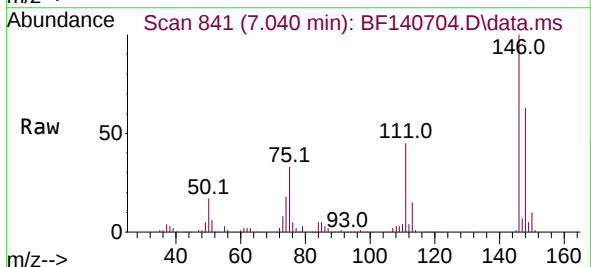
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#14
1,2-Dichlorobenzene
Concen: 47.258 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

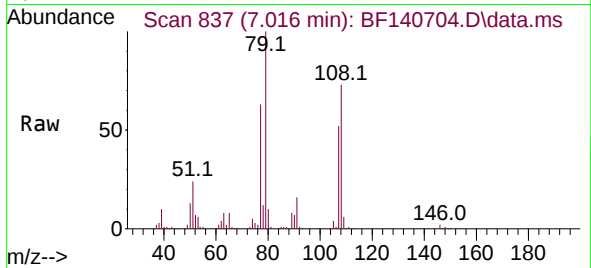
Tgt Ion:146 Resp: 284253
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
111 45.0 36.7 55.1





#15
Benzyl Alcohol
Concen: 48.978 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

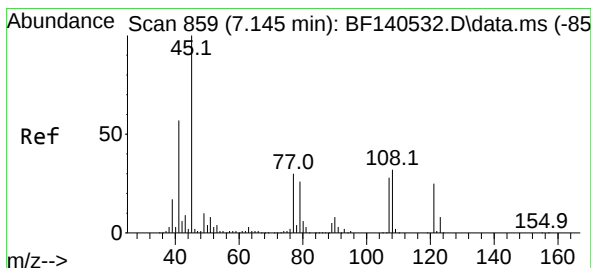
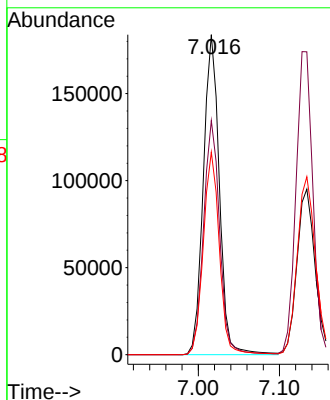
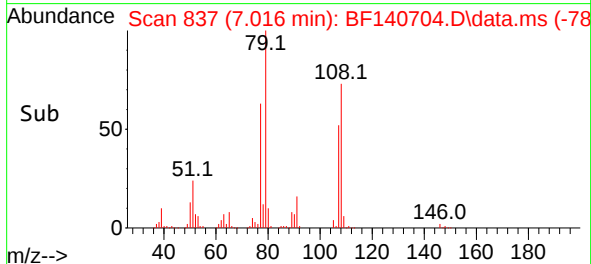
Instrument :
BNA_F
ClientSampleId :
PB165312BS



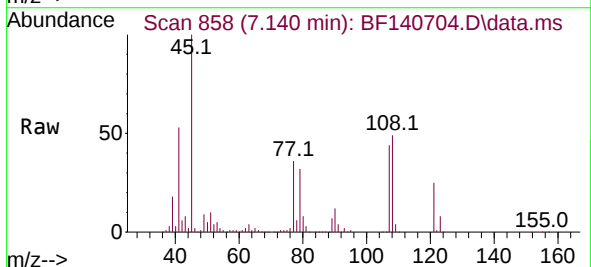
Tgt Ion: 79 Resp: 251818
Ion Ratio Lower Upper
79 100
108 73.2 55.0 82.6
77 63.3 50.1 75.1

Manual Integrations
APPROVED

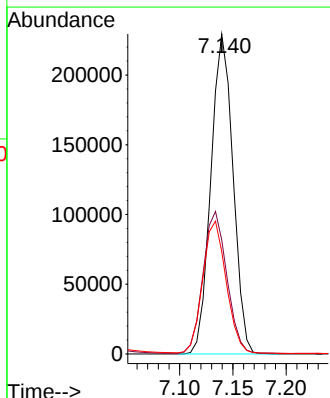
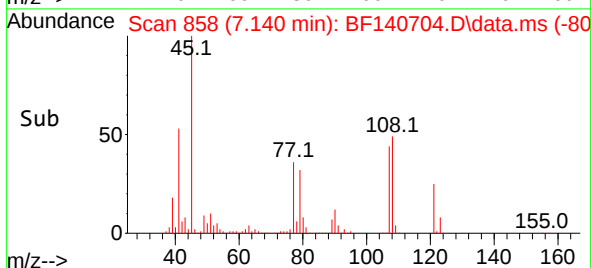
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

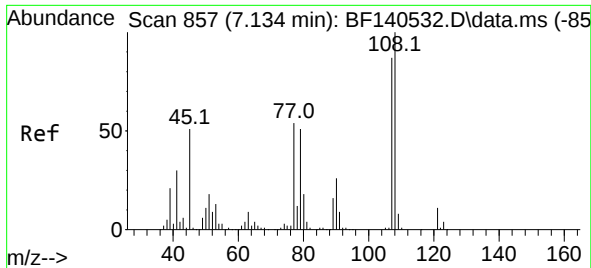


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.647 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22



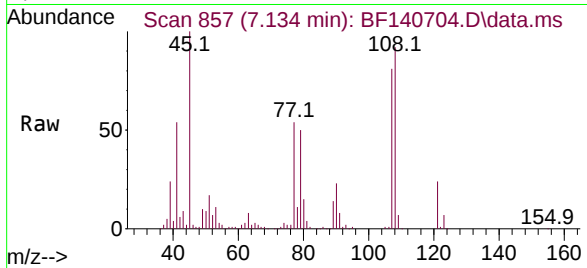
Tgt Ion: 45 Resp: 330582
Ion Ratio Lower Upper
45 100
77 35.7 10.7 50.7
79 32.1 7.0 47.0





#17
2-Methylphenol
Concen: 48.514 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

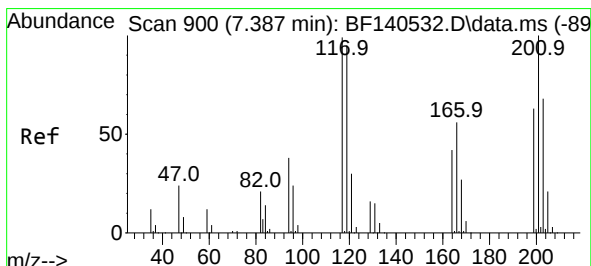
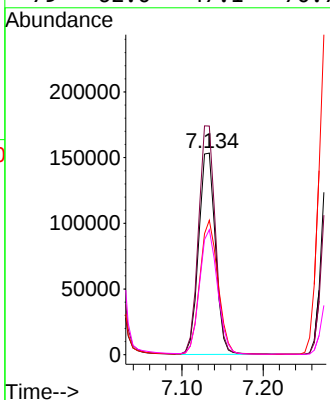
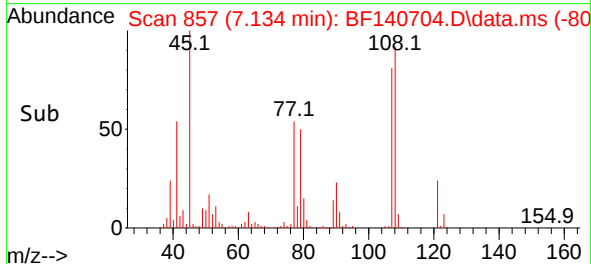
Instrument :
BNA_F
ClientSampleId :
PB165312BS



Tgt Ion:107 Resp: 219100
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 66.6 49.3 73.9
79 62.0 47.1 70.7

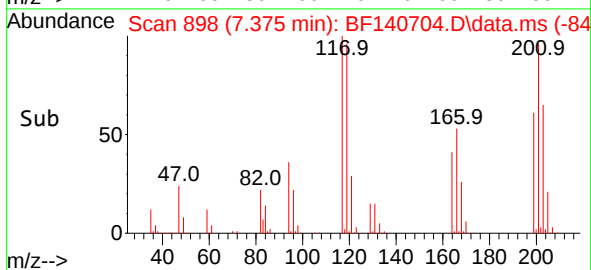
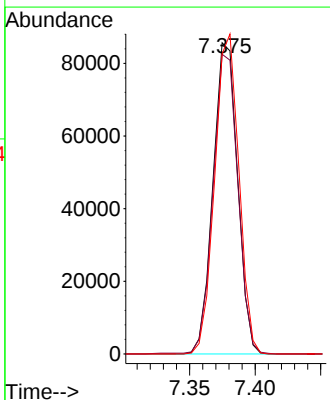
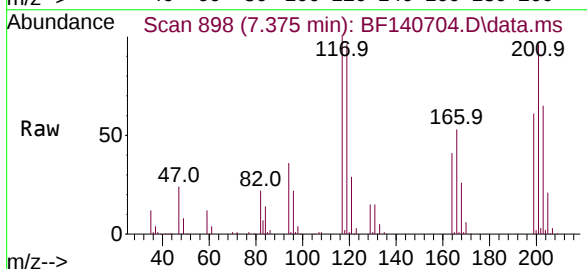
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#18
Hexachloroethane
Concen: 46.420 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:117 Resp: 111288
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 96.4 81.1 121.7





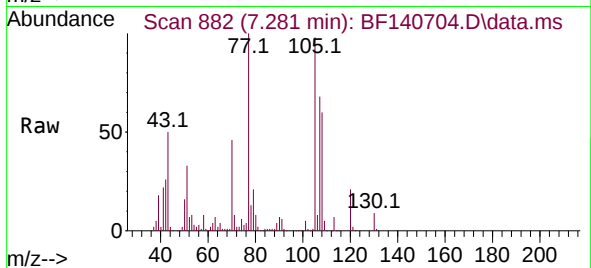
#19
n-Nitroso-di-n-propylamine
Concen: 48.545 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

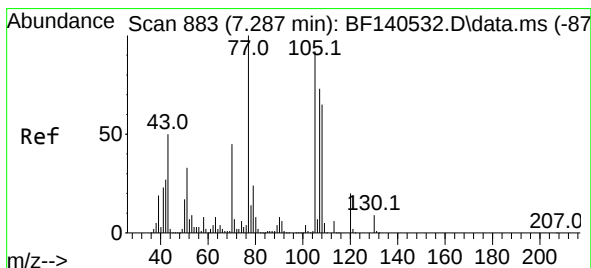
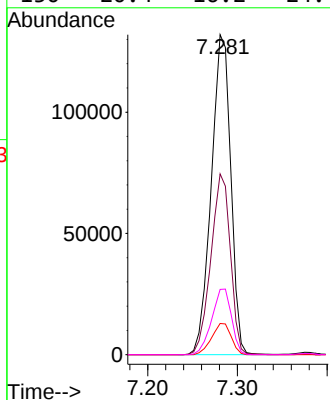
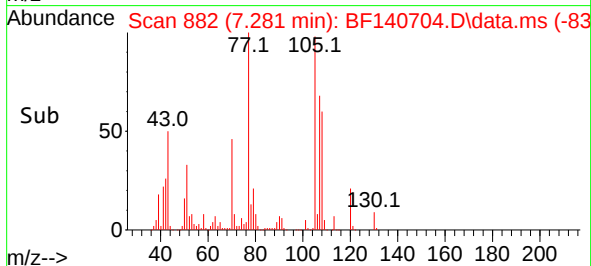
PB165312BS



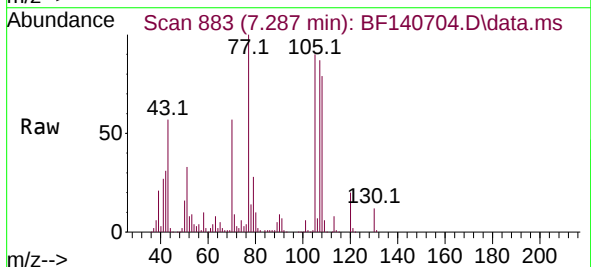
Tgt Ion: 70 Resp: 198900
Ion Ratio Lower Upper
70 100
42 56.5 47.6 71.4
101 9.8 7.6 11.4
130 20.4 16.2 24.4

Manual Integrations
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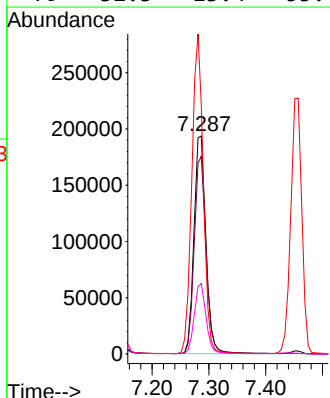
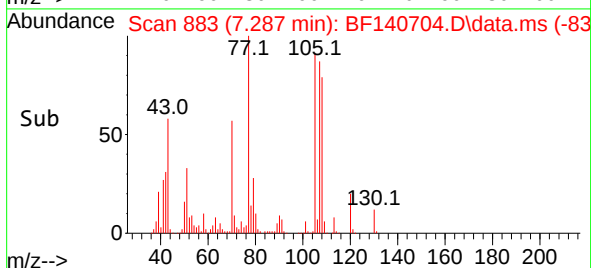
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

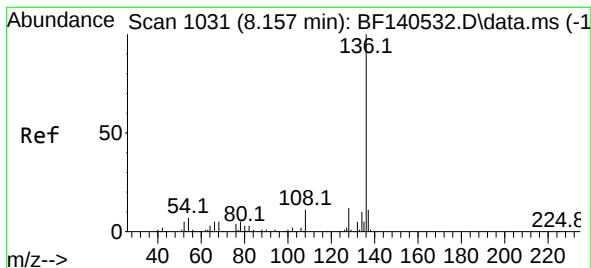


#20
3+4-Methylphenols
Concen: 48.903 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22



Tgt Ion:107 Resp: 283882
Ion Ratio Lower Upper
107 100
108 90.7 69.9 109.9
77 114.7 117.7 157.7#
79 32.3 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

Tgt Ion:136 Resp: 35592

Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.1 5.8 8.8

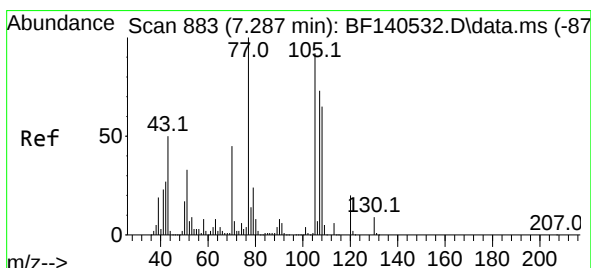
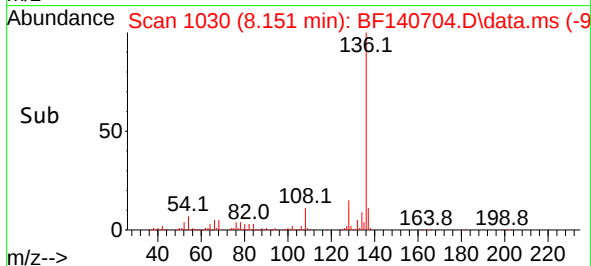
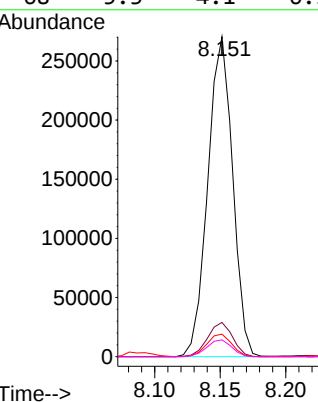
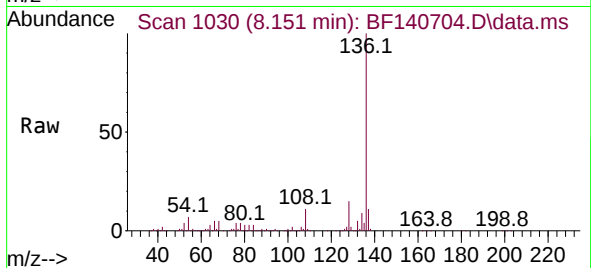
68 5.3 4.1 6.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#22

Acetophenone

Concen: 44.196 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Tgt Ion:105 Resp: 383497

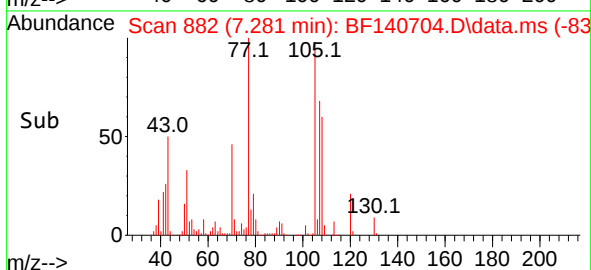
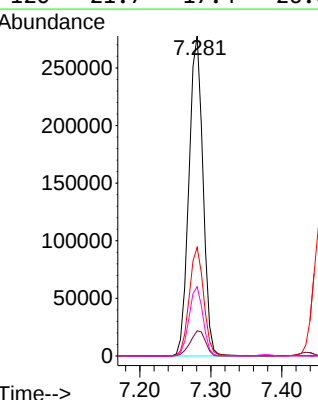
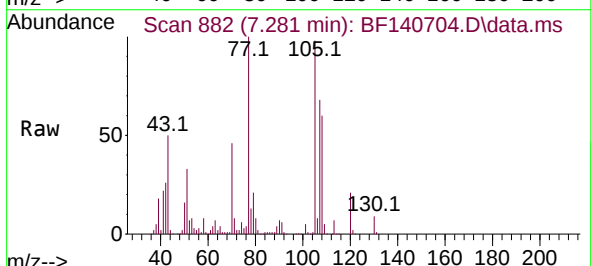
Ion Ratio Lower Upper

105 100

71 7.9 6.2 9.2

51 33.9 29.0 43.6

120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 84.657 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

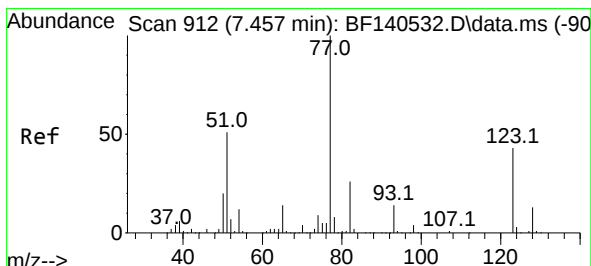
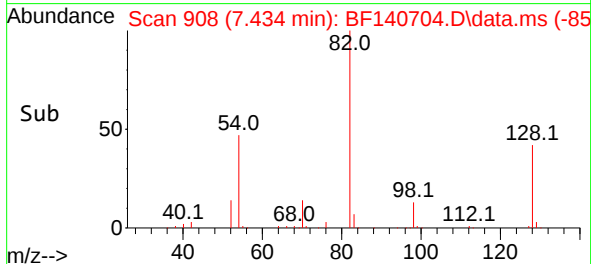
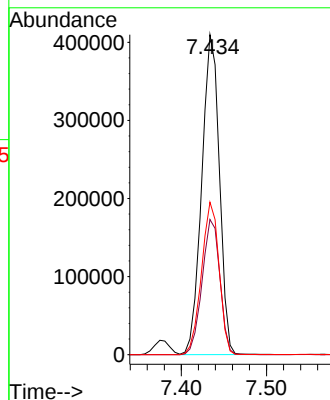
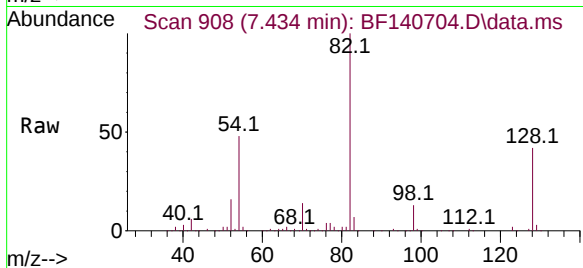
PB165312BS

Tgt Ion: 82 Resp: 58907
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.0 49.4
 54 47.6 39.5 59.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024



#24

Nitrobenzene

Concen: 42.627 ng

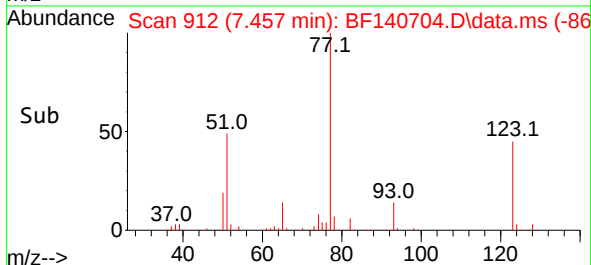
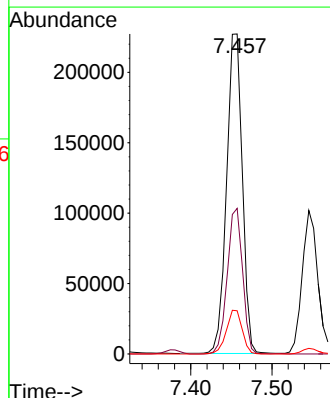
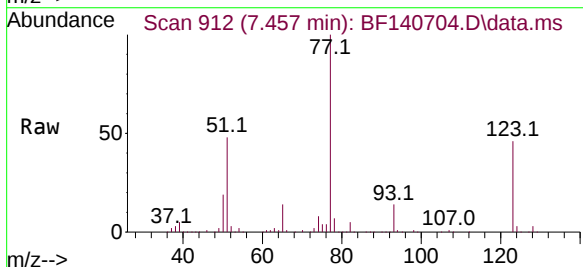
RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Tgt Ion: 77 Resp: 306556
 Ion Ratio Lower Upper
 77 100
 123 45.5 34.3 51.5
 65 13.5 11.2 16.8





#25
Isophorone
Concen: 47.352 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

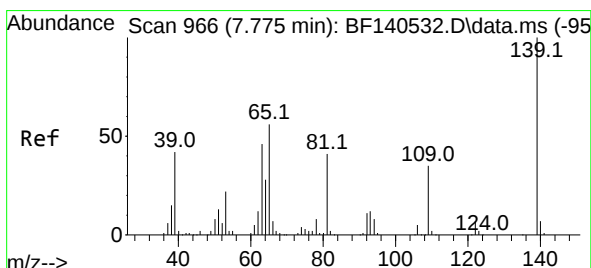
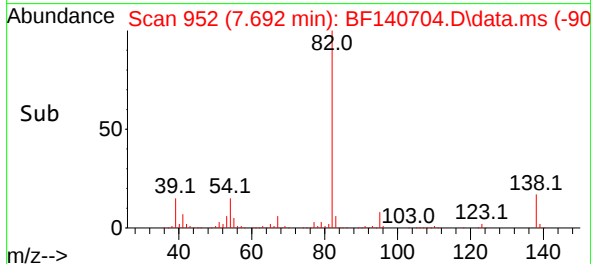
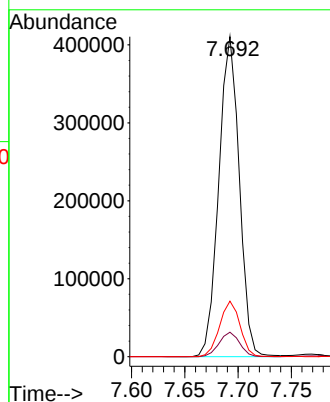
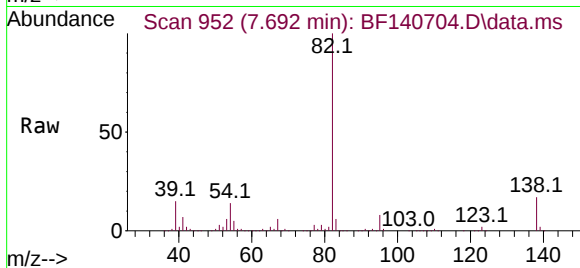
ClientSampleId :

PB165312BS

Tgt Ion: 82 Resp: 54956
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 17.4 13.8 20.6

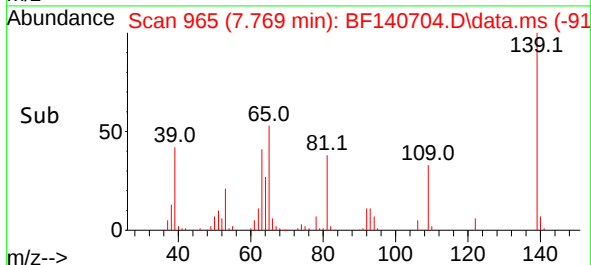
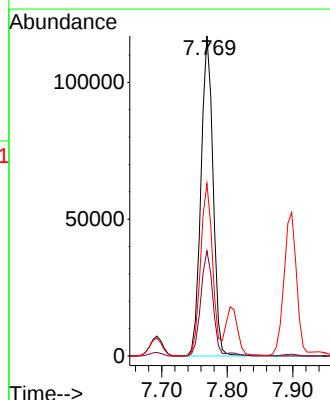
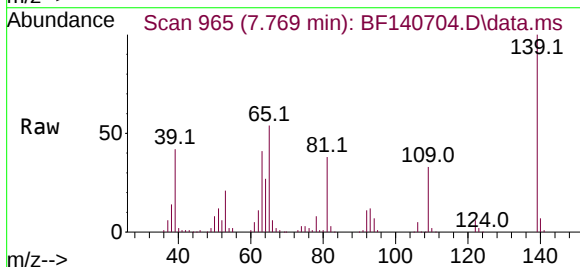
Manual Integrations
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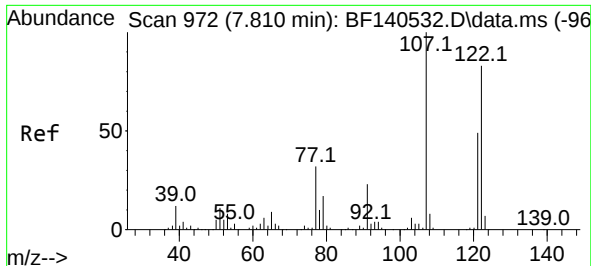
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#26
2-Nitrophenol
Concen: 47.087 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:139 Resp: 150068
Ion Ratio Lower Upper
139 100
109 32.9 28.0 42.0
65 53.9 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 60.345 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

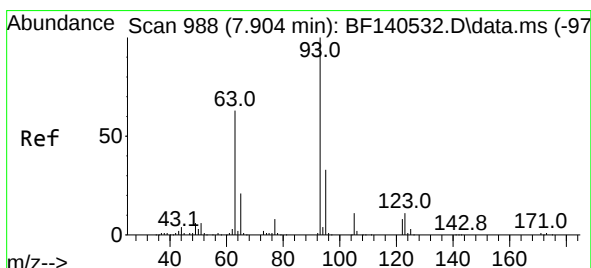
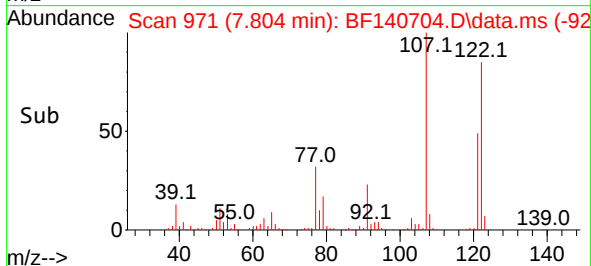
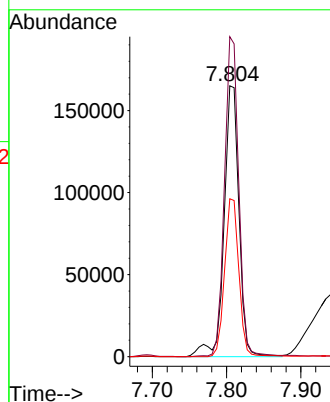
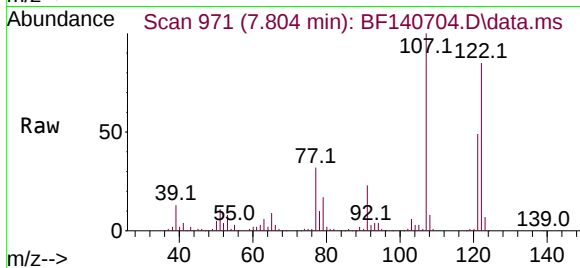
PB165312BS

Tgt Ion:122 Resp: 230108
Ion Ratio Lower Upper
122 100
107 118.1 96.8 145.2
121 58.3 47.4 71.0

Manual Integrations

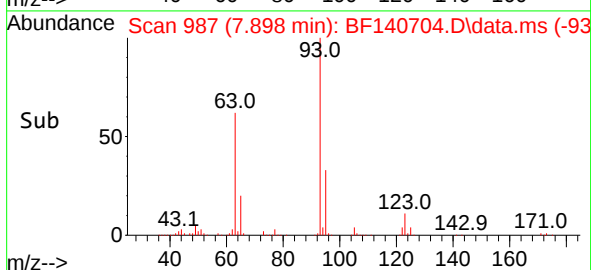
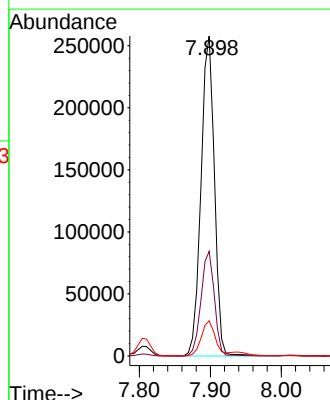
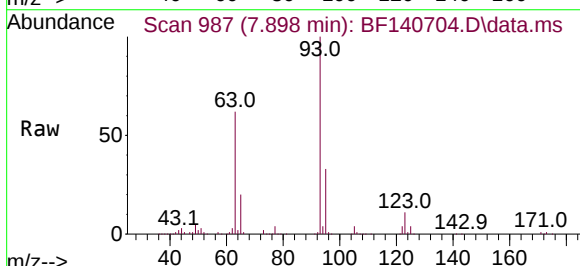
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.093 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion: 93 Resp: 340037
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.0 9.1 13.7





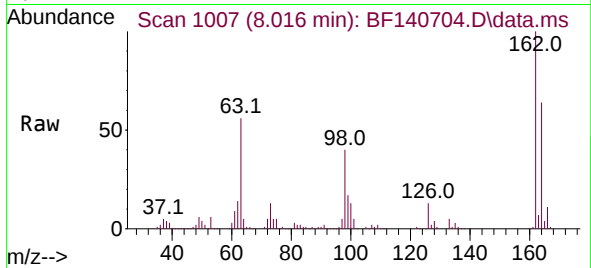
#29
2,4-Dichlorophenol
Concen: 47.808 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

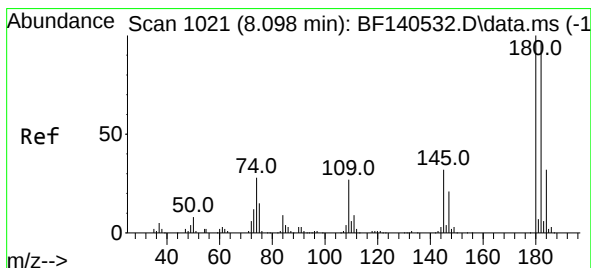
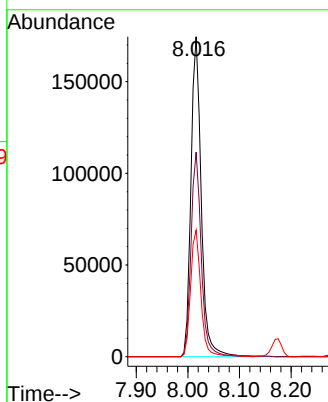
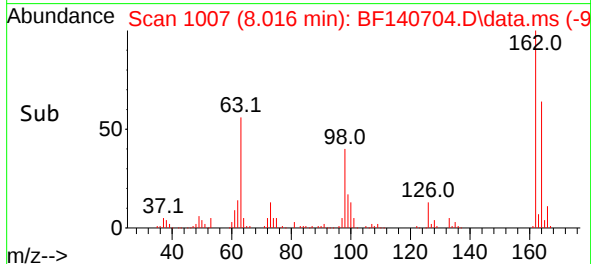


Tgt Ion:162 Resp: 241562
Ion Ratio Lower Upper
162 100
164 63.9 44.8 84.8
98 39.6 21.2 61.2

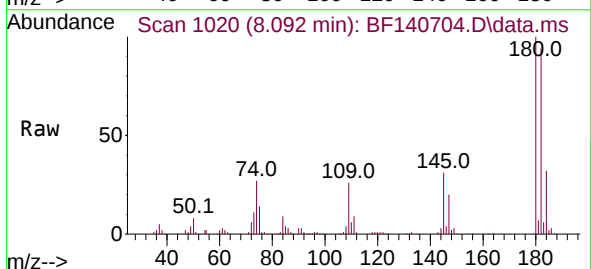
Manual Integrations

APPROVED

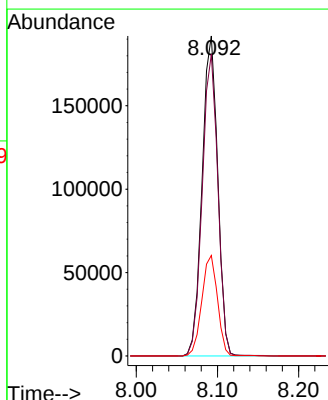
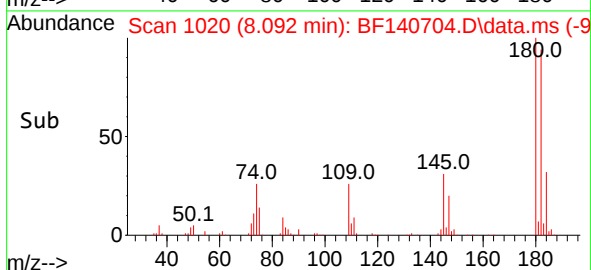
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.338 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22



Tgt Ion:180 Resp: 255790
Ion Ratio Lower Upper
180 100
182 94.2 76.4 114.6
145 31.4 25.9 38.9





#31
Naphthalene
Concen: 46.371 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

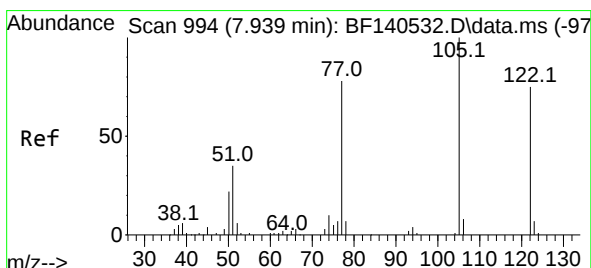
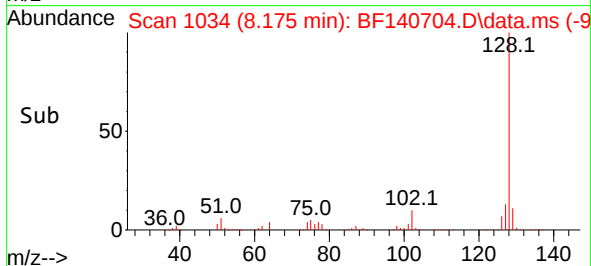
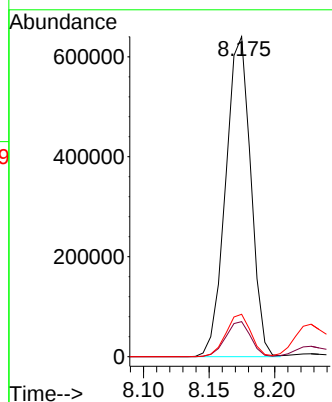
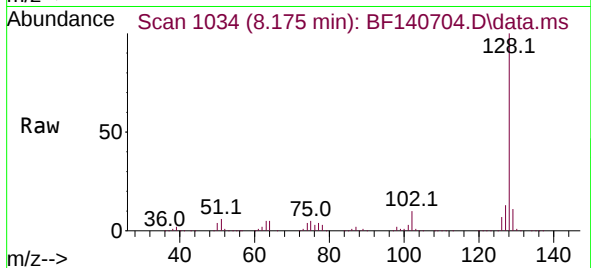
PB165312BS

Tgt Ion:128 Resp: 850128
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.8 16.2

Manual Integrations

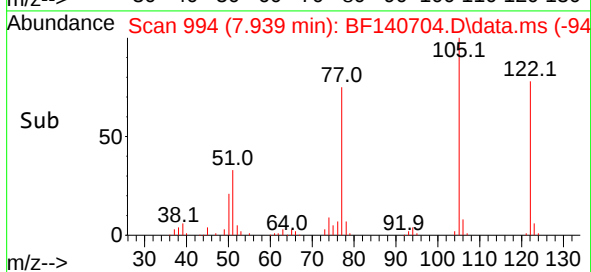
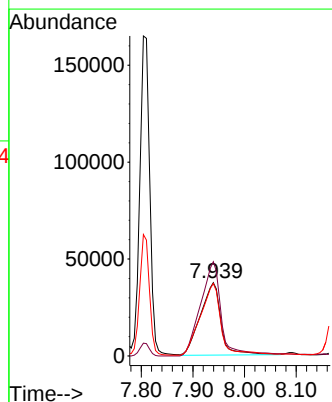
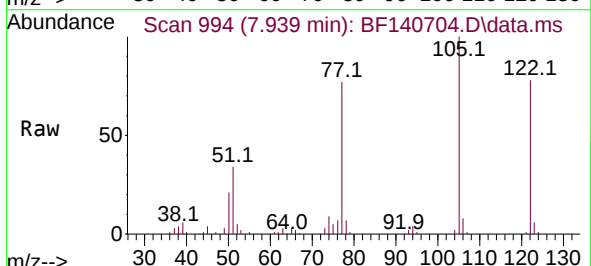
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#32
Benzoic acid
Concen: 33.677 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:122 Resp: 103375
Ion Ratio Lower Upper
122 100
105 128.6 109.3 149.3
77 99.0 82.3 122.3





#33
4-Chloroaniline
Concen: 29.259 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

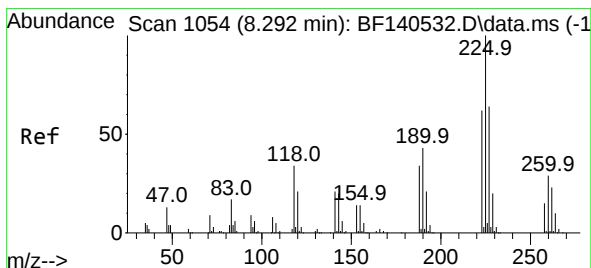
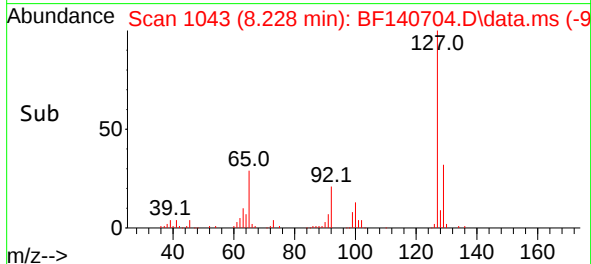
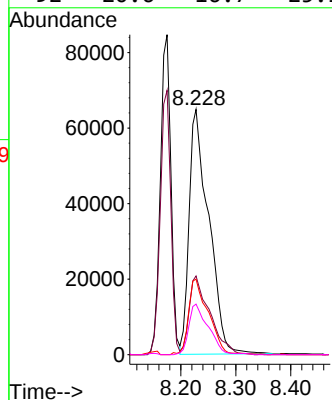
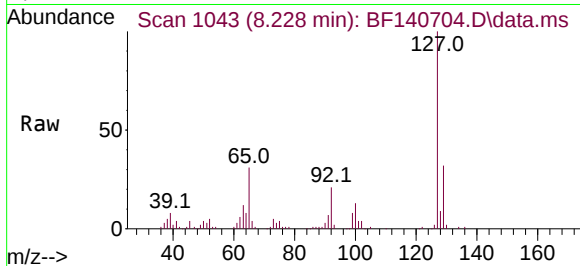
PB165312BS

Tgt Ion:127 Resp: 160604
Ion Ratio Lower Upper
127 100
129 32.1 26.0 39.0
65 30.8 26.0 39.0
92 20.6 16.7 25.1

Manual Integrations

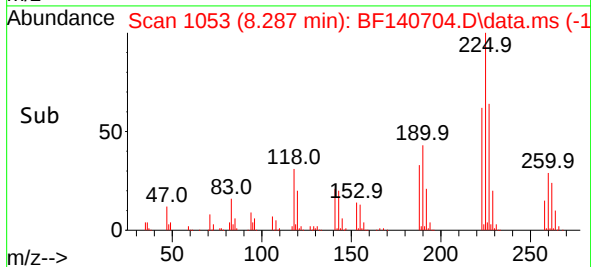
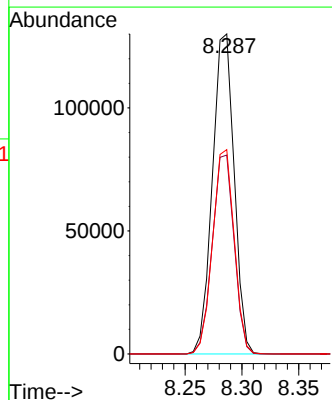
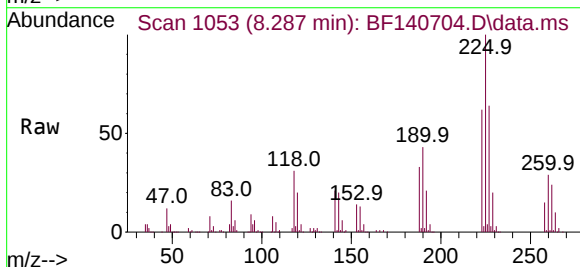
APPROVED

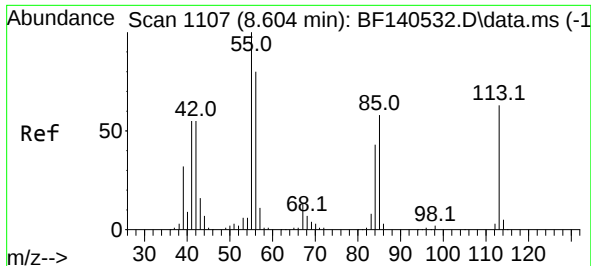
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#34
Hexachlorobutadiene
Concen: 45.376 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:225 Resp: 173390
Ion Ratio Lower Upper
225 100
223 62.1 49.8 74.8
227 63.8 51.3 76.9





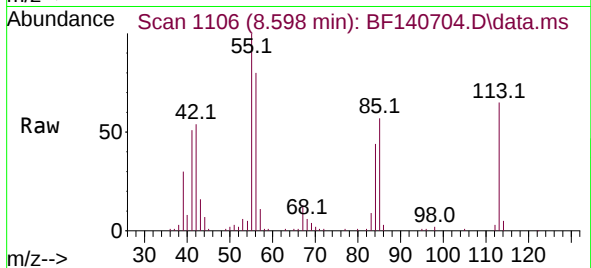
#35
Caprolactam
Concen: 50.838 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

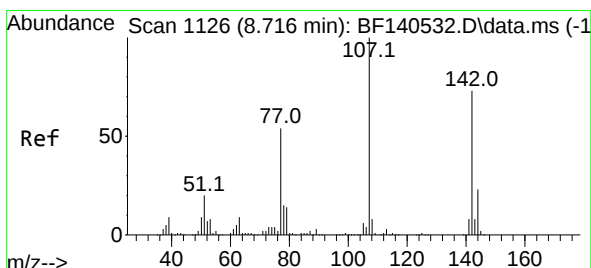
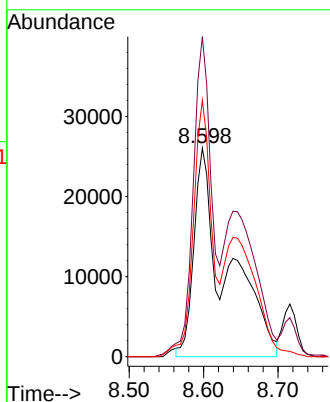
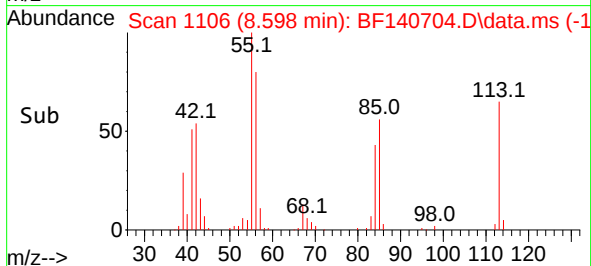


Tgt Ion:113 Resp: 79498
Ion Ratio Lower Upper
113 100
55 153.5 137.7 177.7
56 123.1 106.4 146.4

Manual Integrations

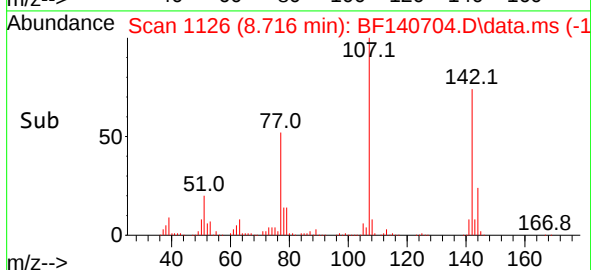
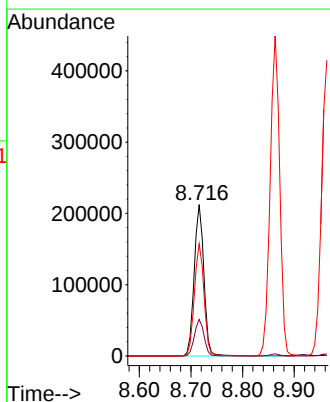
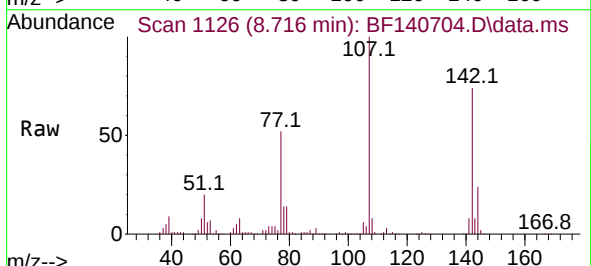
APPROVED

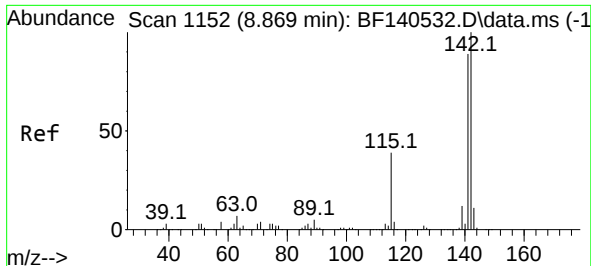
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#36
4-Chloro-3-methylphenol
Concen: 48.980 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:107 Resp: 277090
Ion Ratio Lower Upper
107 100
144 24.1 18.7 28.1
142 74.1 58.3 87.5





#37

2-Methylnaphthalene

Concen: 49.550 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

Tgt Ion:142 Resp: 57698

Ion Ratio Lower Upper

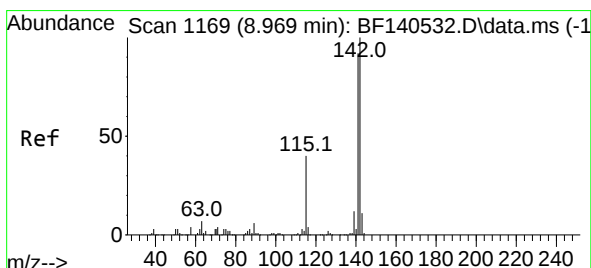
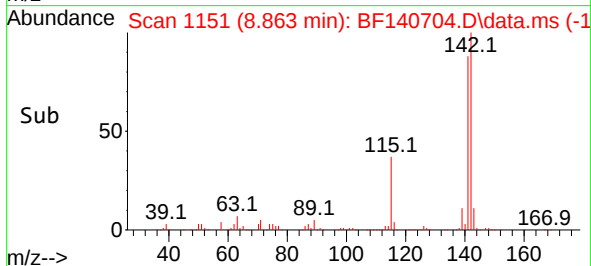
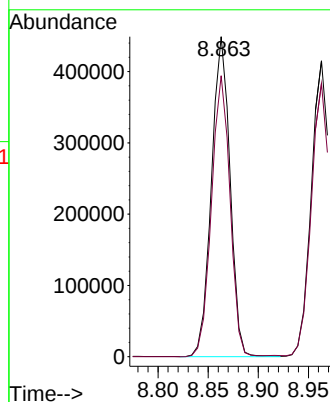
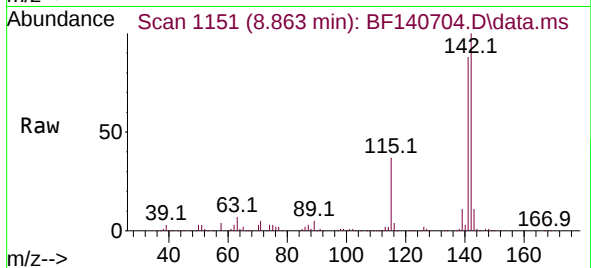
142 100

141 87.8 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#38

1-Methylnaphthalene

Concen: 46.641 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140704.D

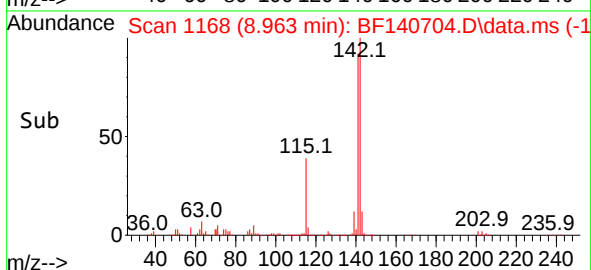
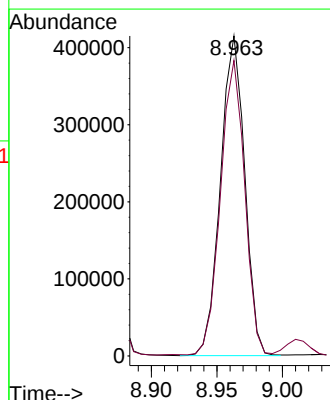
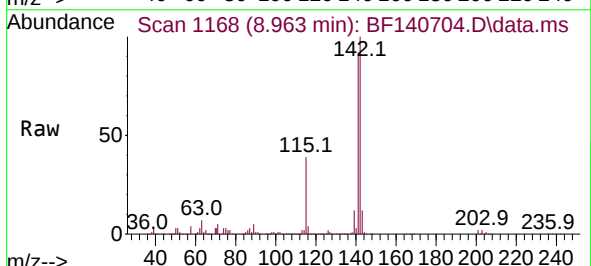
Acq: 03 Dec 2024 12:22

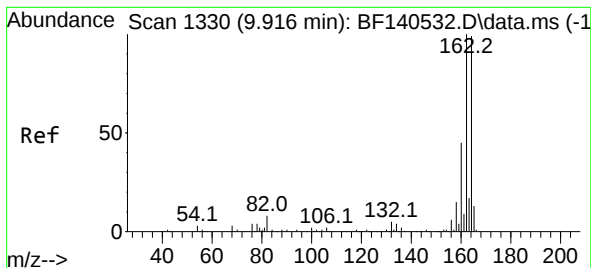
Tgt Ion:142 Resp: 532357

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140704.D

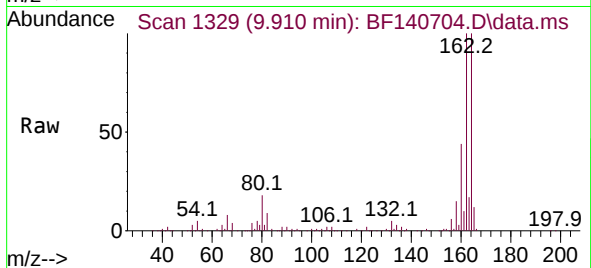
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS



Tgt Ion:164 Resp: 205335

Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

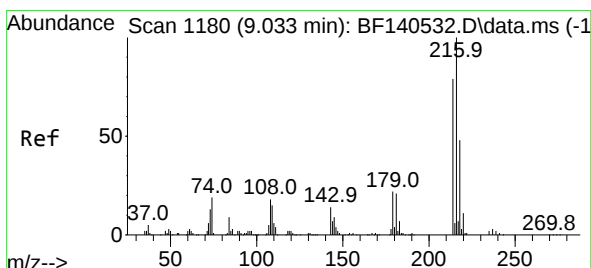
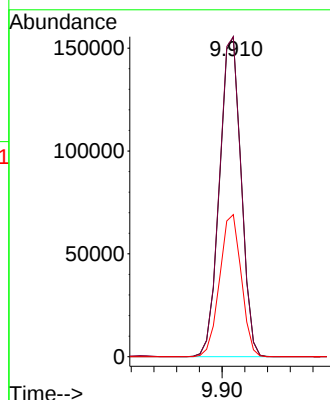
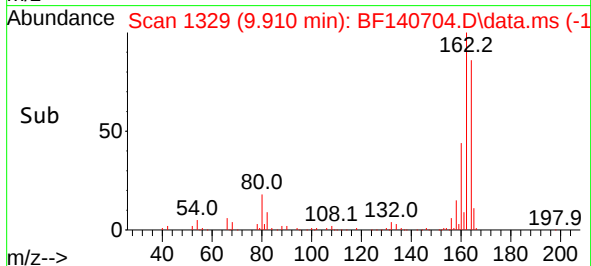
160 44.4 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.802 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Tgt Ion:216 Resp: 281335

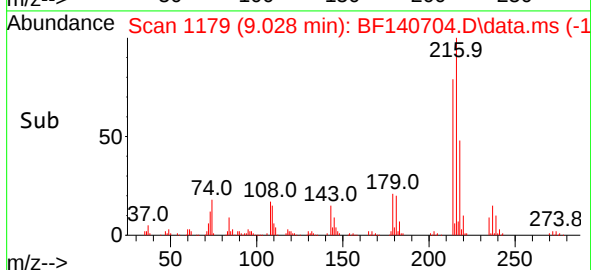
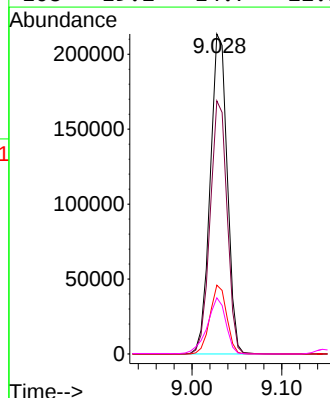
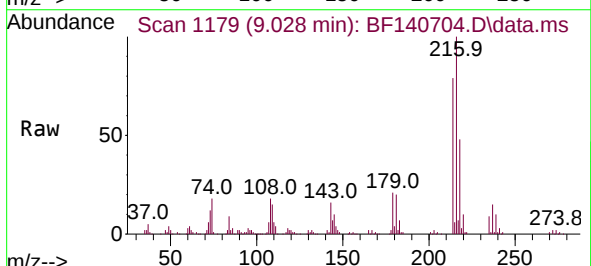
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 21.1 17.5 26.3

108 19.2 14.7 22.1





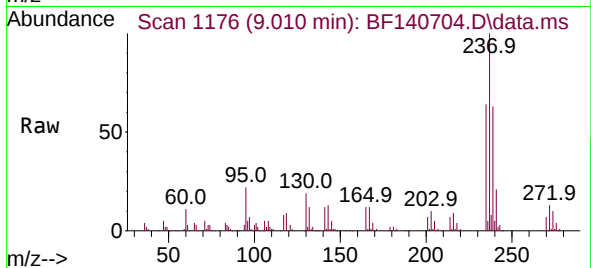
#41
Hexachlorocyclopentadiene
Concen: 160.458 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

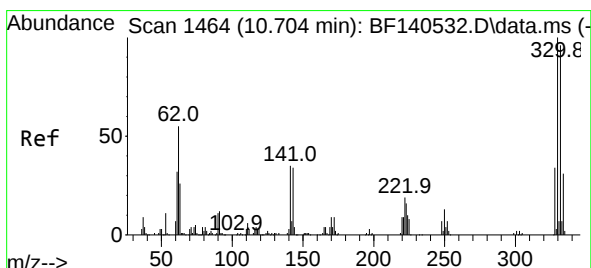
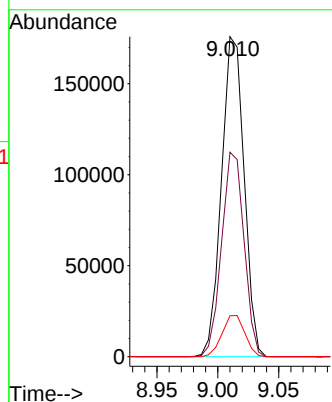
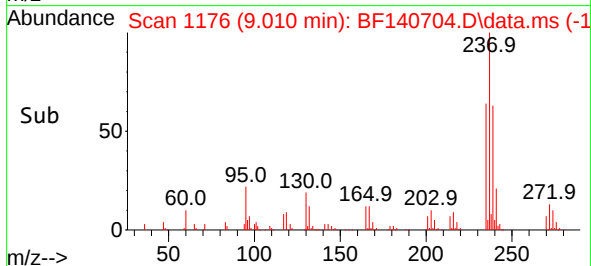


Tgt Ion:237 Resp: 22771
Ion Ratio Lower Upper
237 100
235 63.9 41.1 81.1
272 12.8 0.0 32.6

Manual Integrations

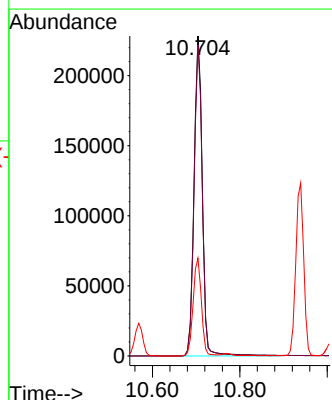
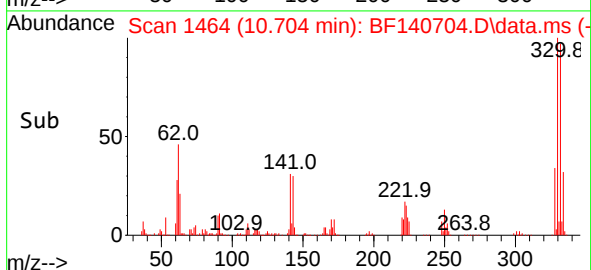
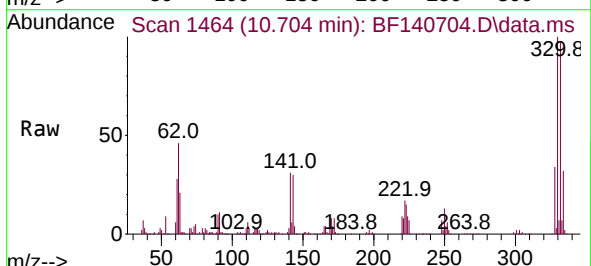
APPROVED

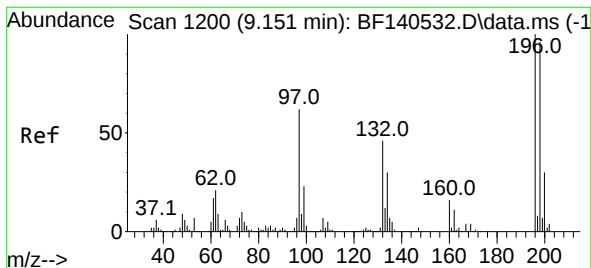
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#42
2,4,6-Tribromophenol
Concen: 137.411 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:330 Resp: 301764
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 30.5 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 47.326 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

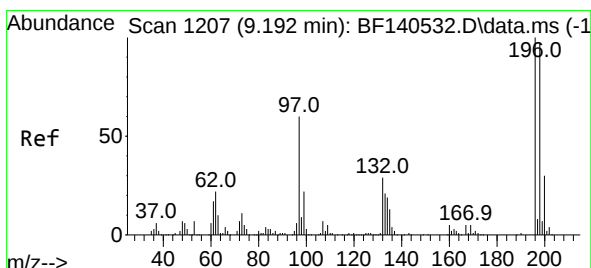
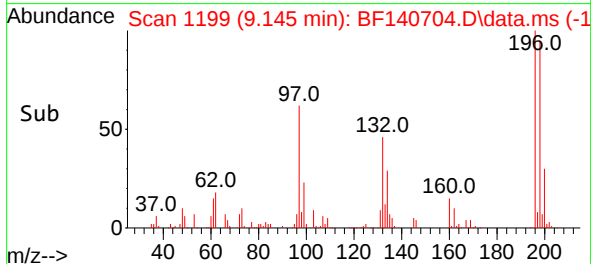
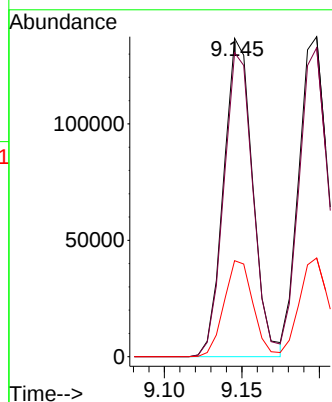
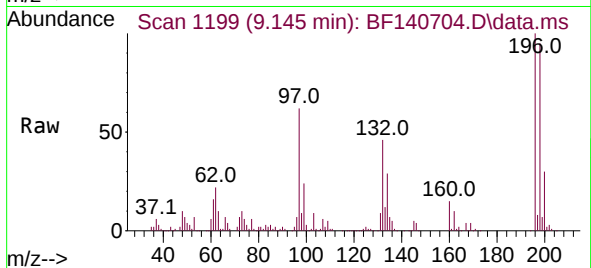
PB165312BS

Tgt Ion:196 Resp: 178510
Ion Ratio Lower Upper
196 100
198 95.5 76.8 115.2
200 30.1 24.3 36.5

Manual Integrations

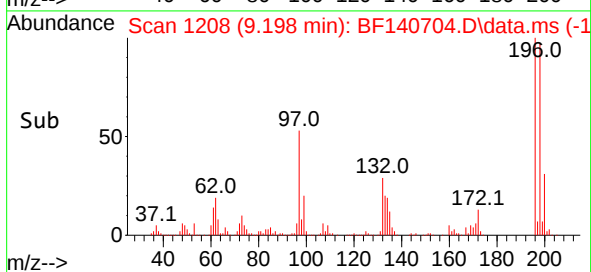
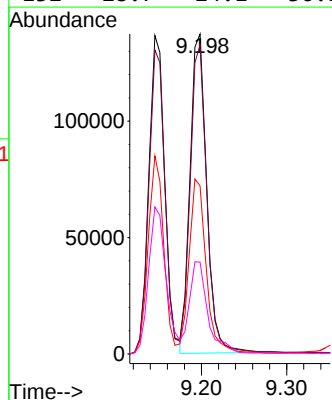
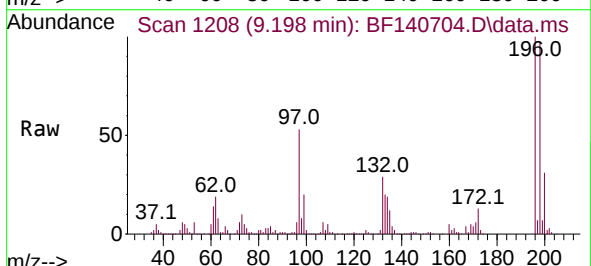
APPROVED

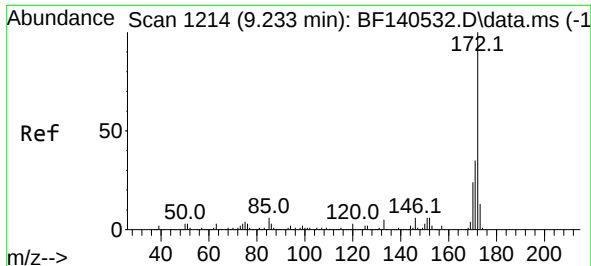
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#44
2,4,5-Trichlorophenol
Concen: 45.723 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:196 Resp: 187175
Ion Ratio Lower Upper
196 100
198 96.6 77.2 115.8
97 52.6 47.1 70.7
132 28.7 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 88.500 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

Tgt Ion:172 Resp: 121964

Ion Ratio Lower Upper

172 100

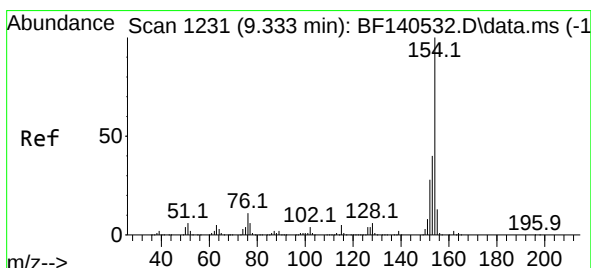
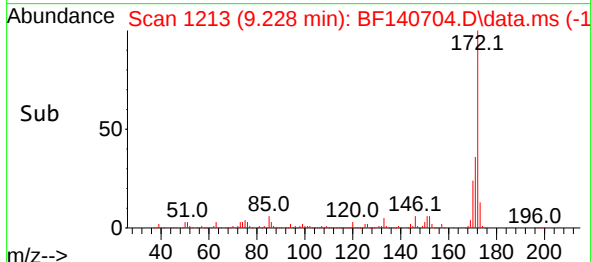
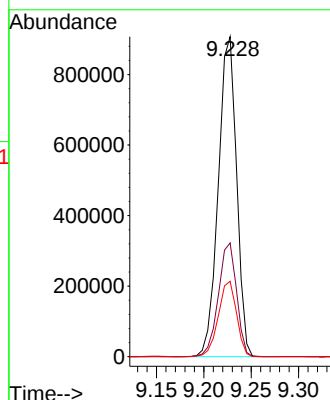
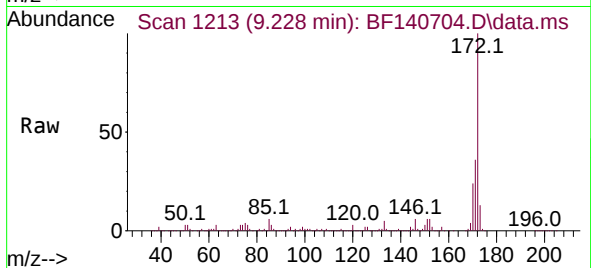
171 35.5 28.4 42.6

170 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#46

1,1'-Biphenyl

Concen: 47.330 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

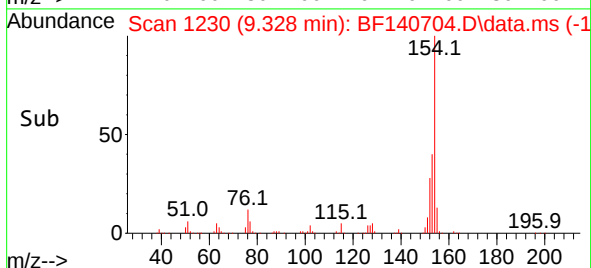
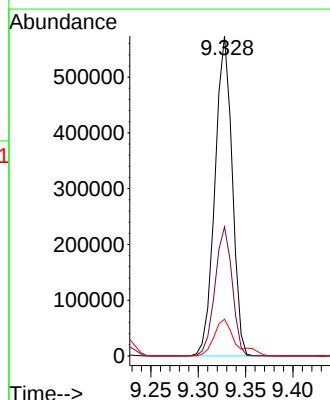
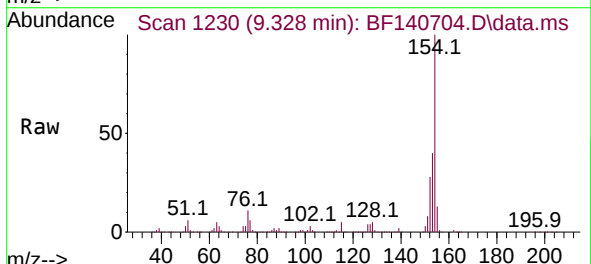
Tgt Ion:154 Resp: 725593

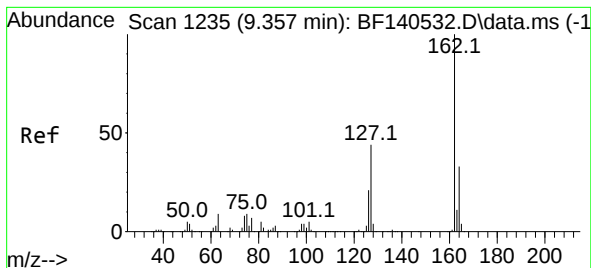
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.5 0.0 31.2





#47

2-Chloronaphthalene

Concen: 46.456 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

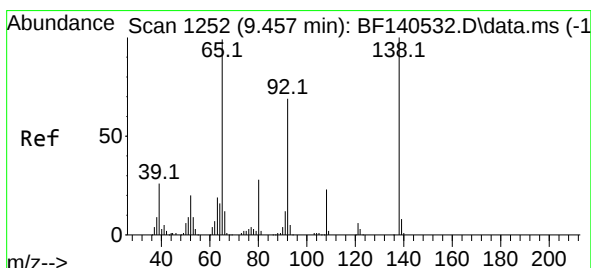
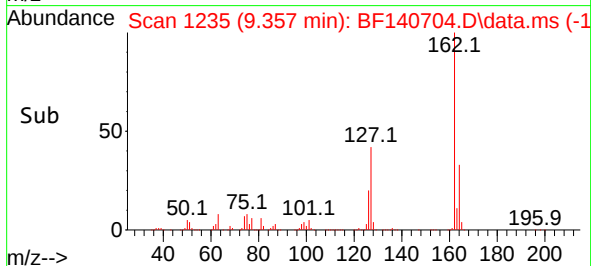
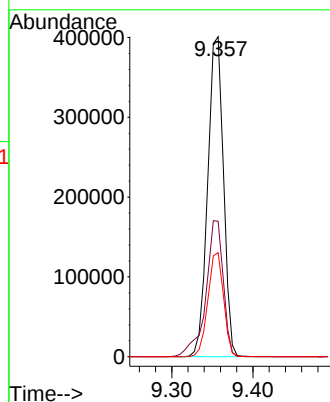
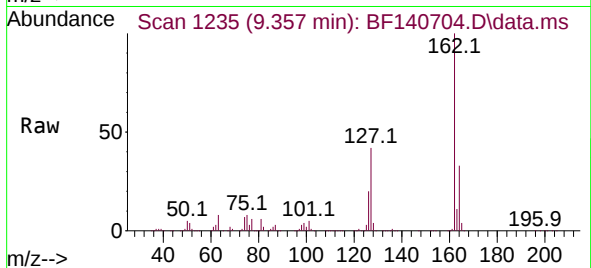
PB165312BS

Tgt Ion:162 Resp: 539639
 Ion Ratio Lower Upper
 162 100
 127 42.3 35.7 53.5
 164 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024



#48

2-Nitroaniline

Concen: 47.329 ng

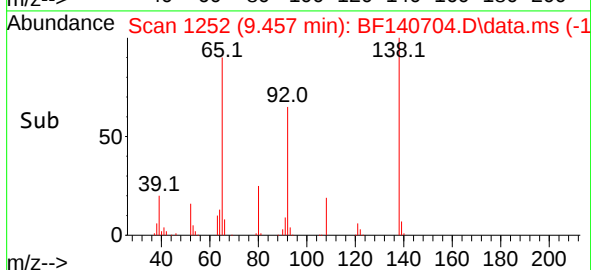
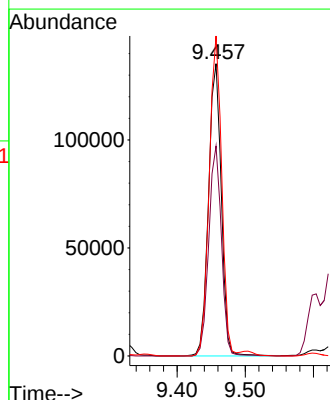
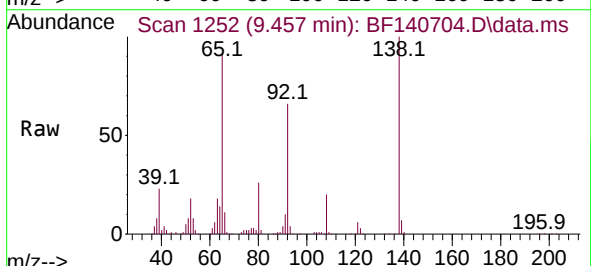
RT: 9.457 min Scan# 1252

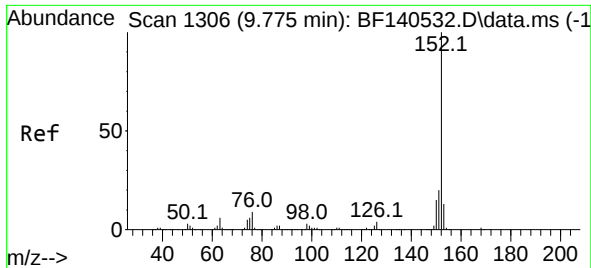
Delta R.T. 0.000 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Tgt Ion: 65 Resp: 176469
 Ion Ratio Lower Upper
 65 100
 92 71.8 56.1 84.1
 138 109.5 81.0 121.6





#49
Acenaphthylene
Concen: 50.523 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

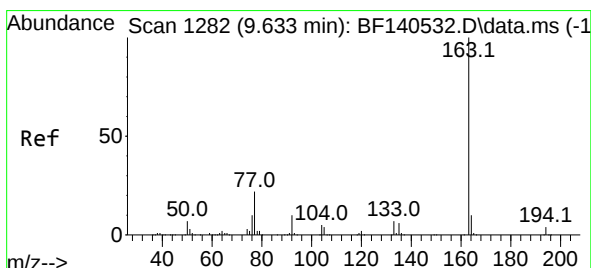
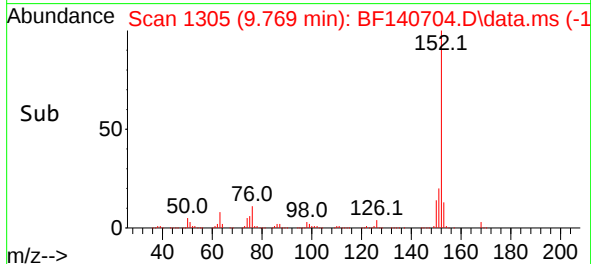
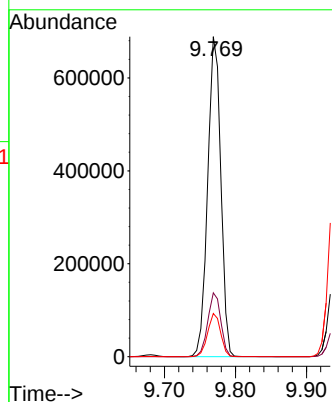
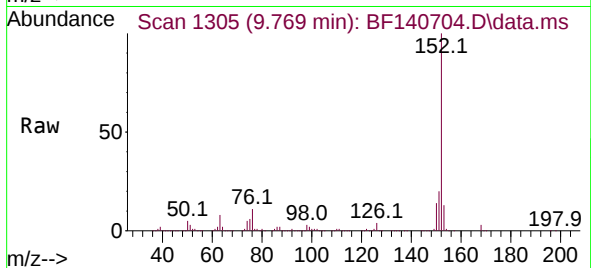
PB165312BS

Tgt Ion:152 Resp: 886750
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.5 10.6 16.0

Manual Integrations

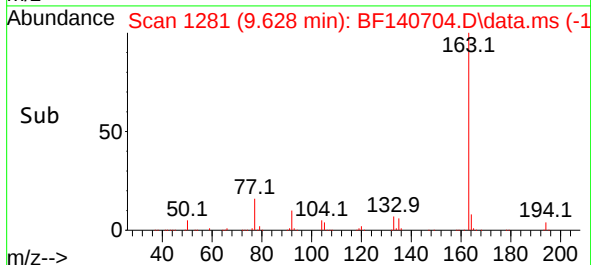
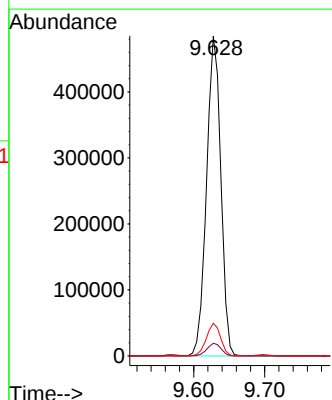
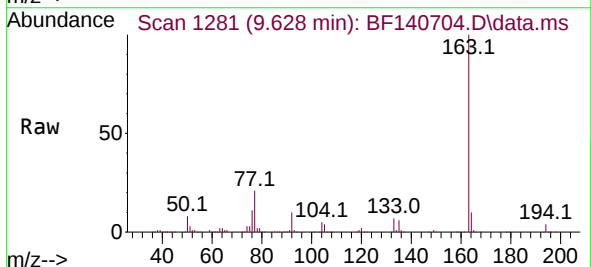
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#50
Dimethylphthalate
Concen: 50.220 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:163 Resp: 679143
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2





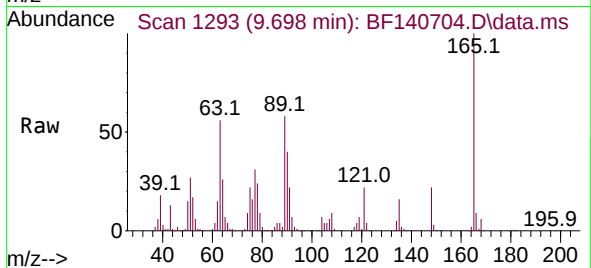
#51
2,6-Dinitrotoluene
Concen: 47.233 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

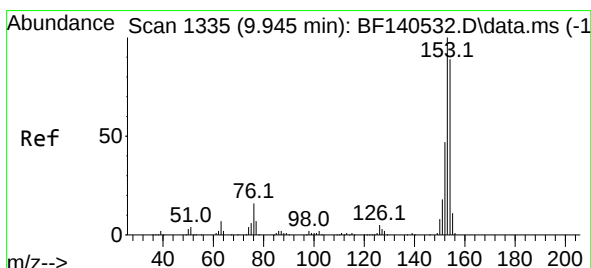
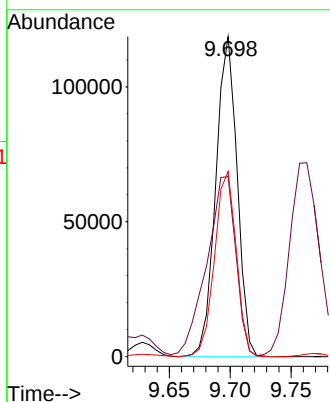
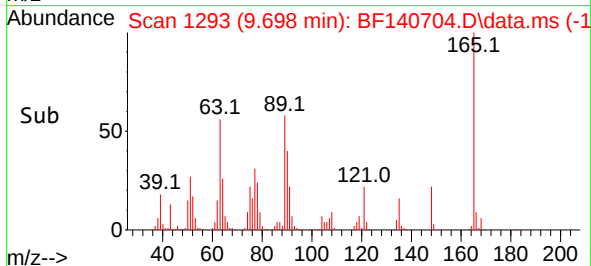


Tgt Ion:165 Resp: 144864
Ion Ratio Lower Upper
165 100
63 56.2 49.9 74.9
89 57.9 50.9 76.3

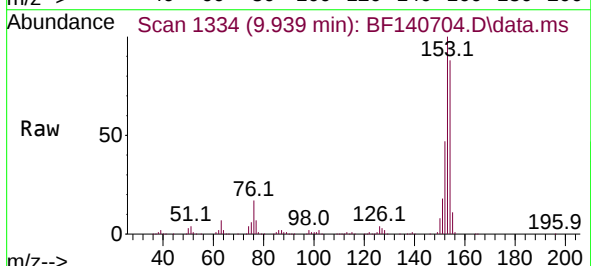
Manual Integrations

APPROVED

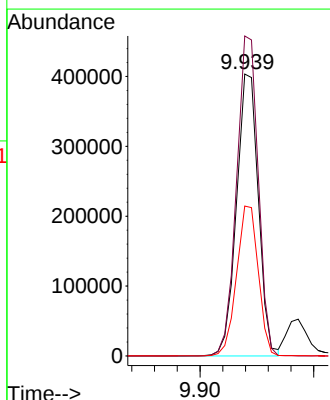
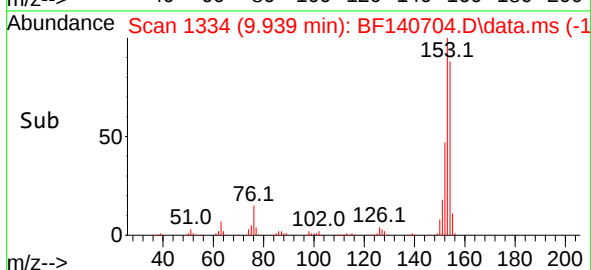
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

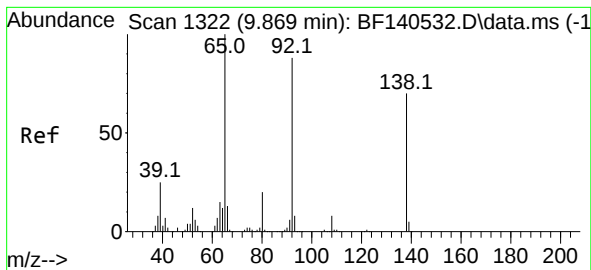


#52
Acenaphthene
Concen: 48.306 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22



Tgt Ion:154 Resp: 538713
Ion Ratio Lower Upper
154 100
153 113.5 89.7 134.5
152 53.2 42.5 63.7





#53
3-Nitroaniline
Concen: 30.787 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

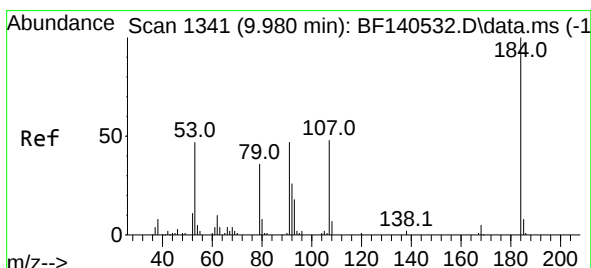
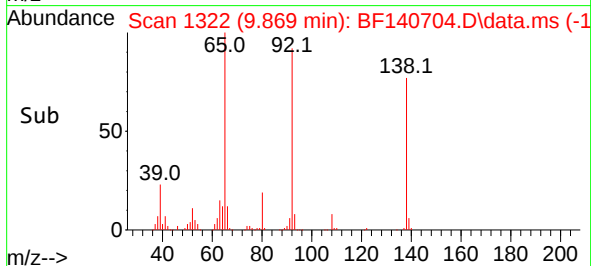
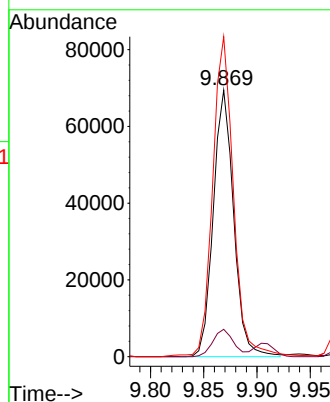
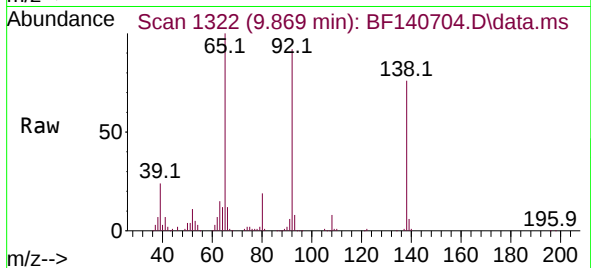
PB165312BS

Tgt Ion:138 Resp: 9235
Ion Ratio Lower Upper
138 100
108 10.3 9.2 13.8
92 120.0 100.6 150.8

Manual Integrations

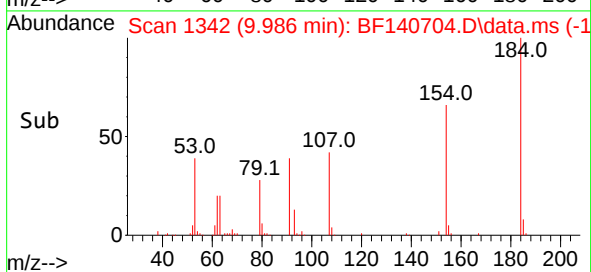
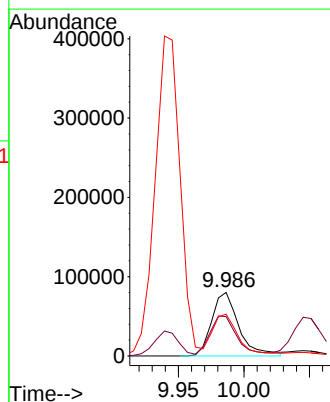
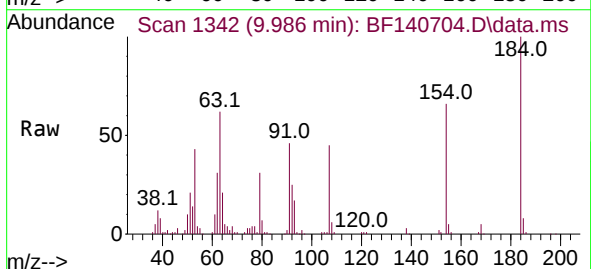
APPROVED

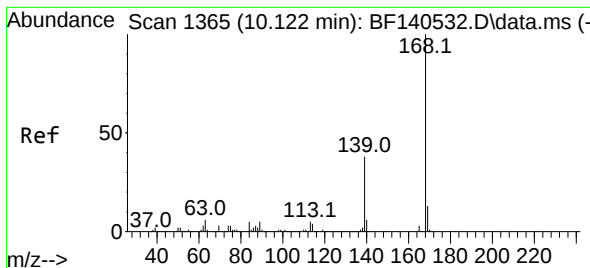
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#54
2,4-Dinitrophenol
Concen: 73.234 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:184 Resp: 115161
Ion Ratio Lower Upper
184 100
63 61.9 54.1 81.1
154 65.8 57.4 86.0





#55
Dibenzenofuran
Concen: 47.366 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

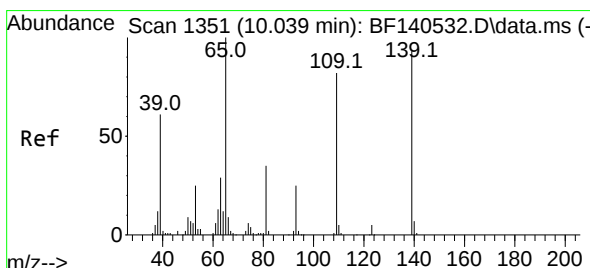
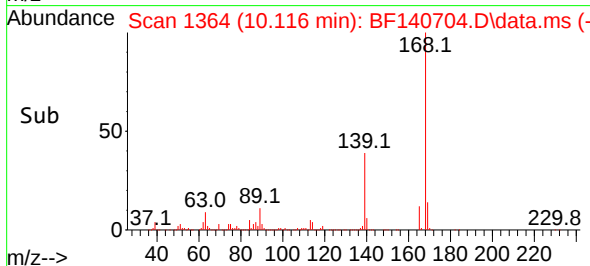
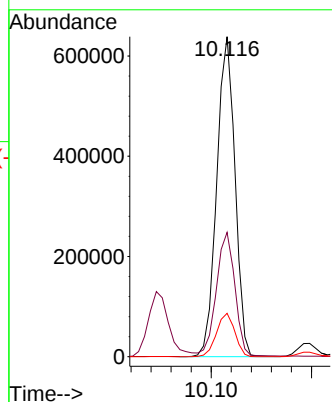
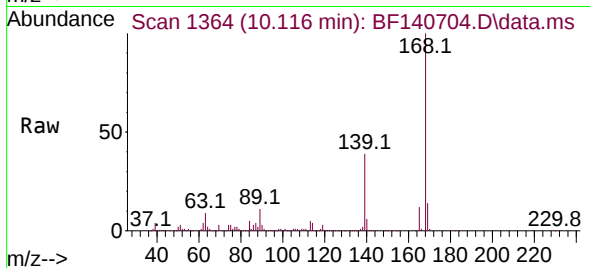
PB165312BS

Tgt Ion:168 Resp: 80570
Ion Ratio Lower Upper
168 100
139 38.9 31.3 46.9
169 13.5 10.5 15.7

Manual Integrations

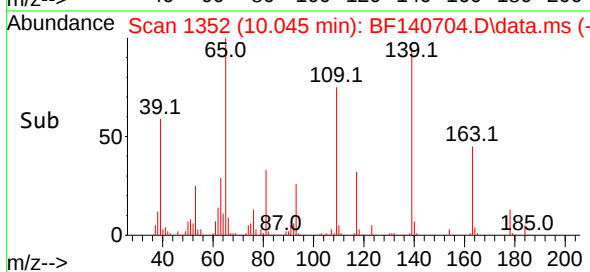
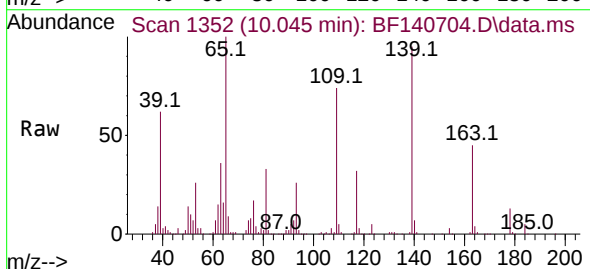
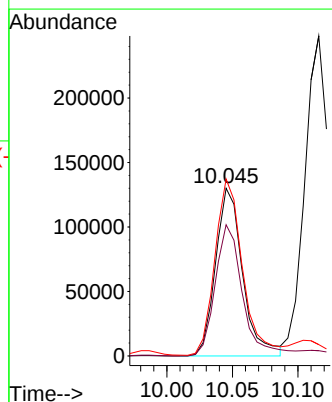
APPROVED

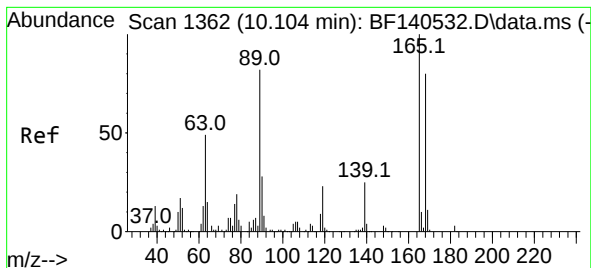
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#56
4-Nitrophenol
Concen: 91.132 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:139 Resp: 186435
Ion Ratio Lower Upper
139 100
109 78.3 68.4 108.4
65 105.5 88.6 128.6





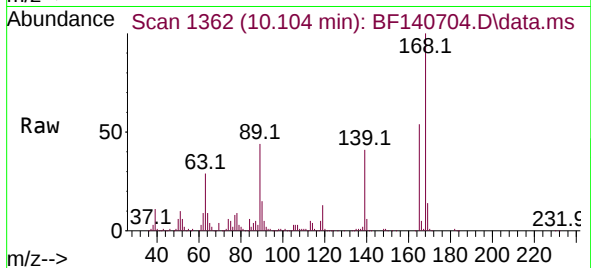
#57
2,4-Dinitrotoluene
Concen: 47.768 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

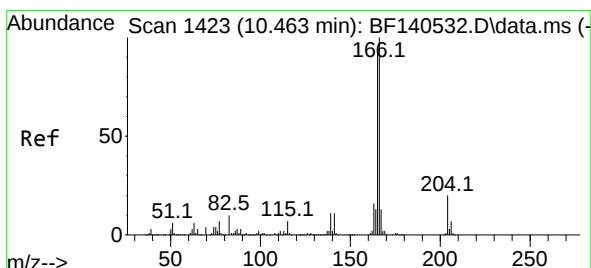
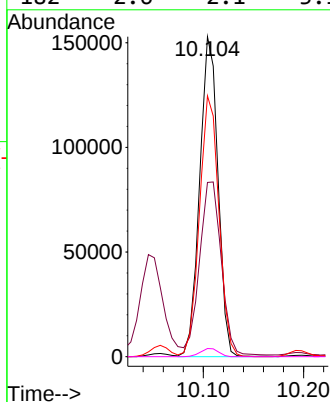
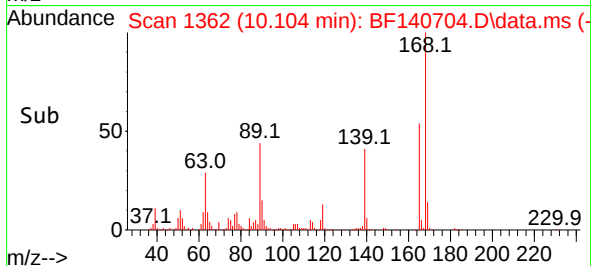


Tgt Ion:165 Resp: 194710
Ion Ratio Lower Upper
165 100
63 54.5 41.7 62.5
89 81.5 65.8 98.8
182 2.6 2.1 3.1

Manual Integrations

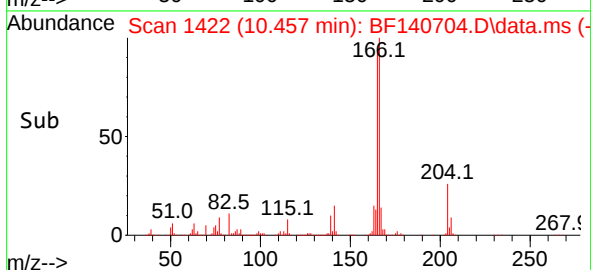
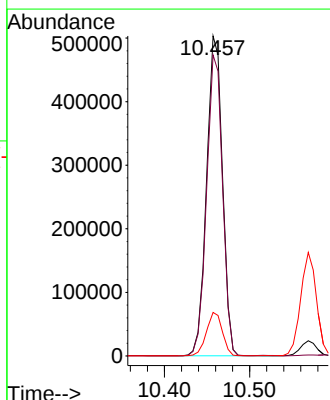
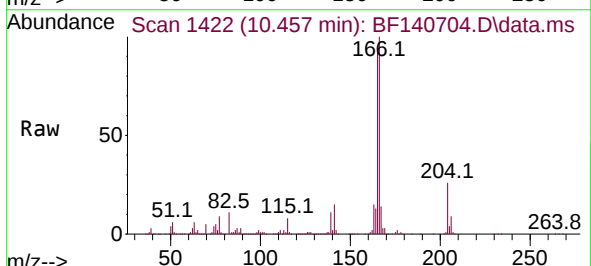
APPROVED

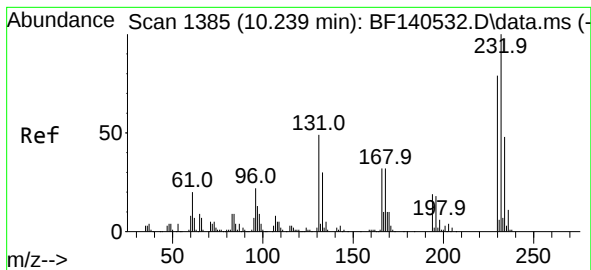
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#58
Fluorene
Concen: 47.671 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

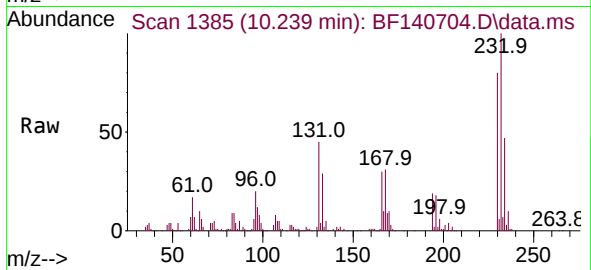
Tgt Ion:166 Resp: 650887
Ion Ratio Lower Upper
166 100
165 94.0 74.6 111.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.242 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

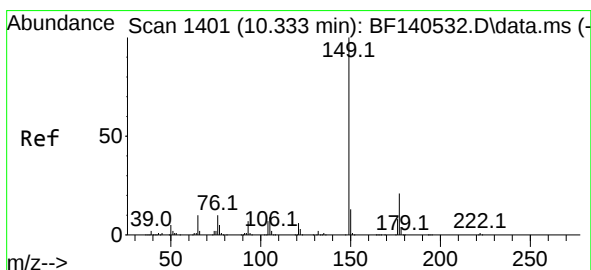
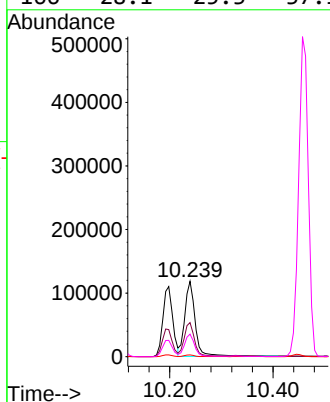
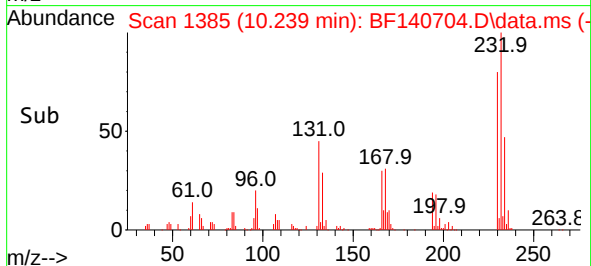
Instrument :
BNA_F
ClientSampleId :
PB165312BS



Tgt Ion:232 Resp: 164361
Ion Ratio Lower Upper
232 100
131 43.5 39.6 59.4
130 2.3 1.9 2.9
166 28.1 25.3 37.9

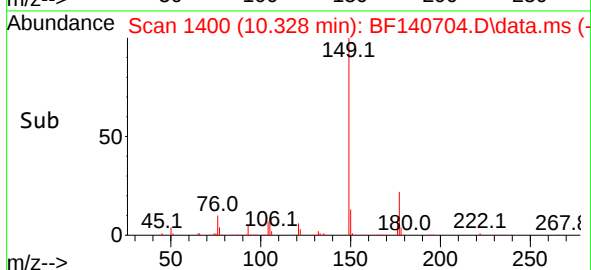
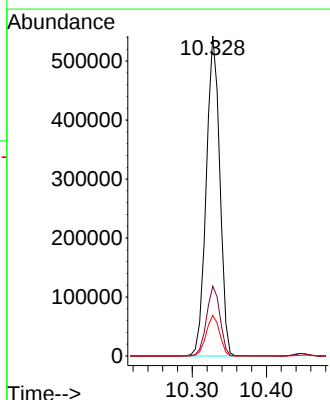
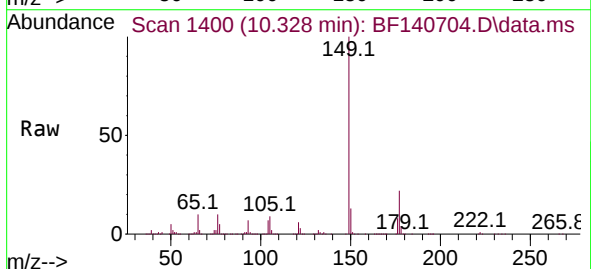
Manual Integrations
APPROVED

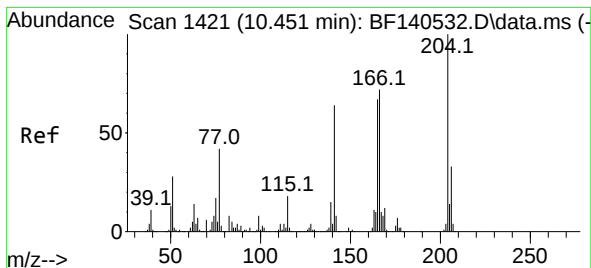
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#60
Diethylphthalate
Concen: 50.006 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

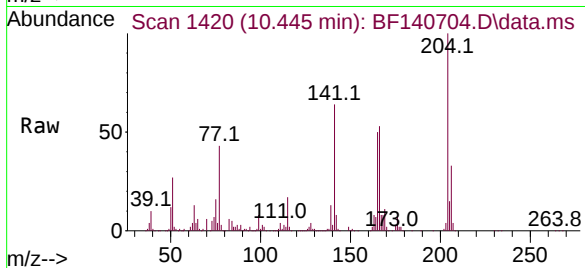
Tgt Ion:149 Resp: 687077
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.022 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

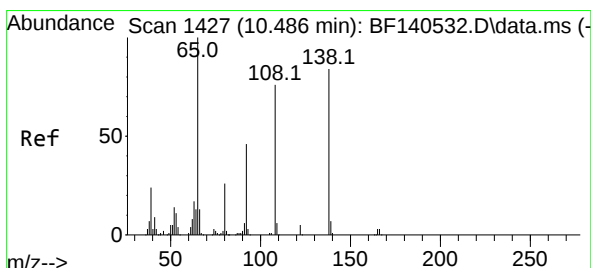
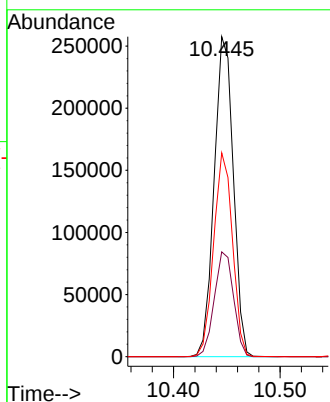
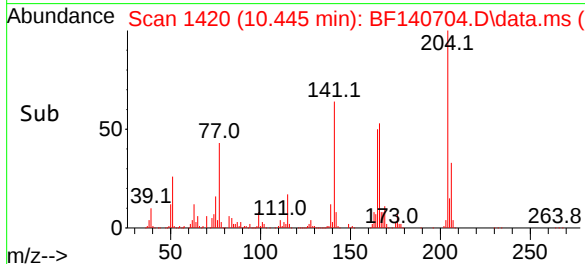
Instrument :
BNA_F
ClientSampleId :
PB165312BS



Tgt Ion:204 Resp: 321780
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 63.7 51.1 76.7

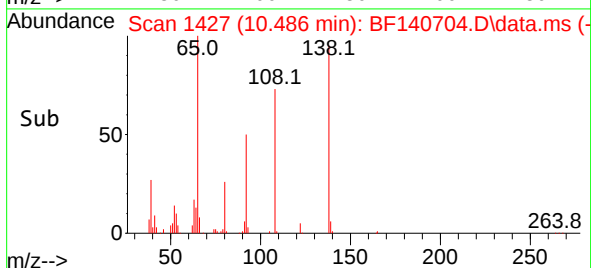
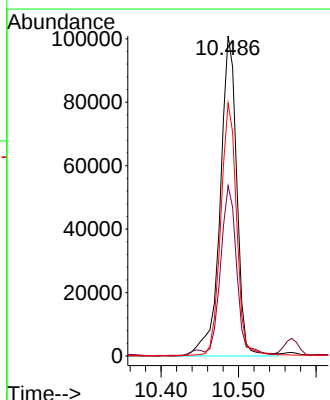
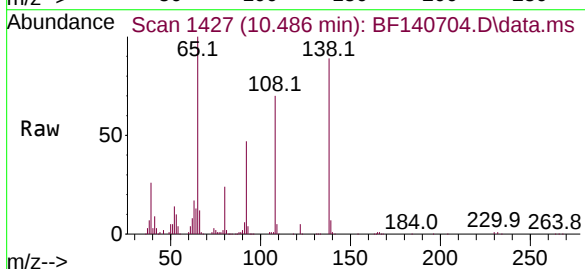
Manual Integrations
APPROVED

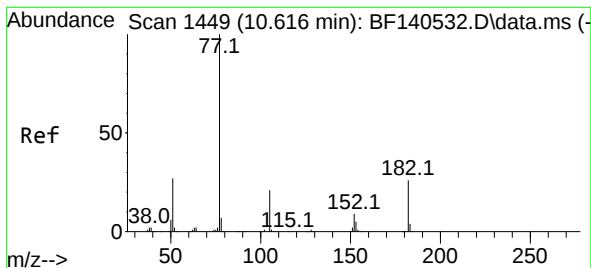
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#62
4-Nitroaniline
Concen: 47.835 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

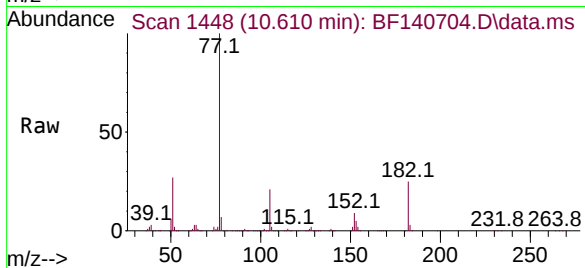
Tgt Ion:138 Resp: 150493
Ion Ratio Lower Upper
138 100
92 53.2 34.5 74.5
108 79.1 70.6 110.6





#63
Azobenzene
Concen: 50.902 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

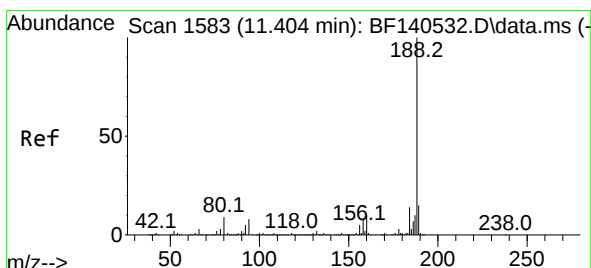
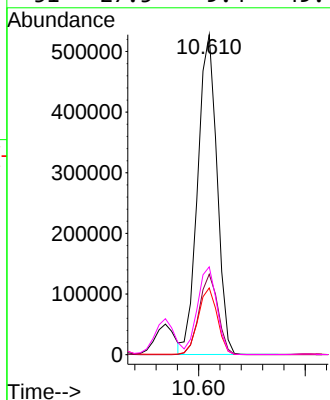
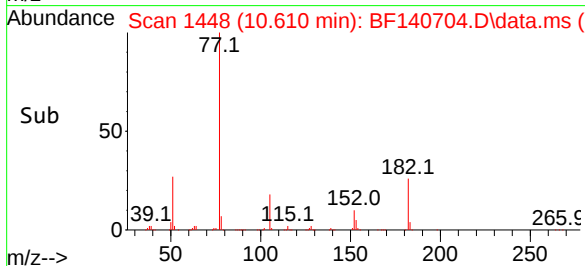
Instrument :
BNA_F
ClientSampleId :
PB165312BS



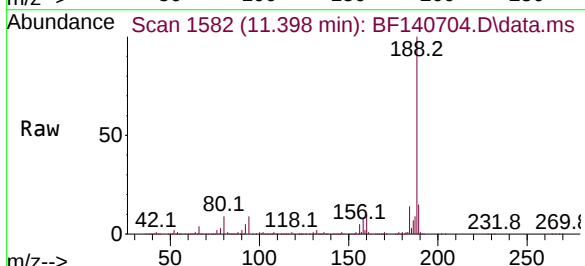
Tgt Ion: 77 Resp: 66231
Ion Ratio Lower Upper
77 100
182 25.2 5.3 45.3
105 20.9 0.3 40.3
51 27.5 9.4 49.4

Manual Integrations
APPROVED

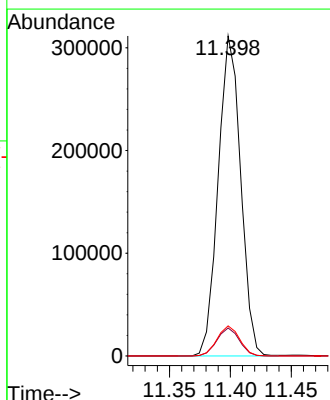
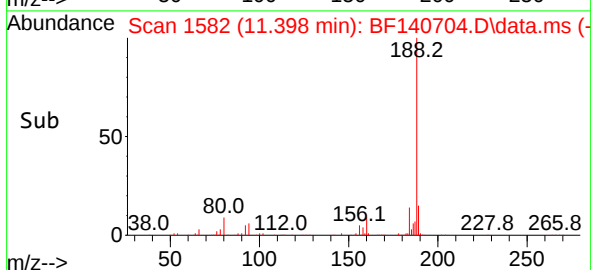
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22



Tgt Ion:188 Resp: 400071
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.4 6.9 10.3





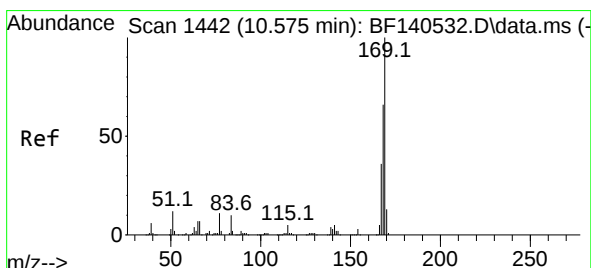
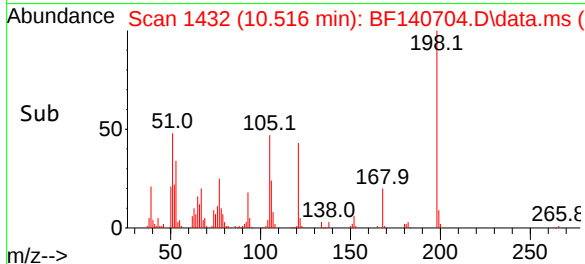
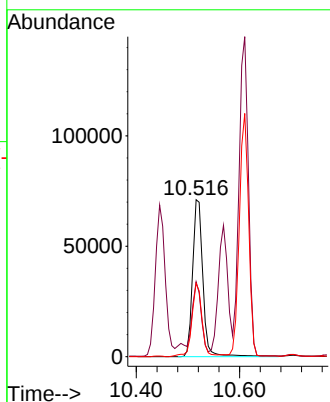
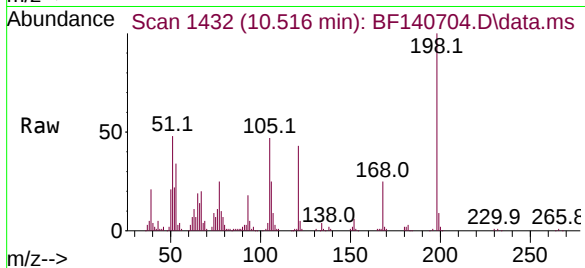
#65
4,6-Dinitro-2-methylphenol
Concen: 48.155 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :
BNA_F
ClientSampleId :
PB165312BS

Tgt Ion:198 Resp: 9844
Ion Ratio Lower Upper
198 100
51 47.7 29.4 69.4
105 46.8 25.4 65.4

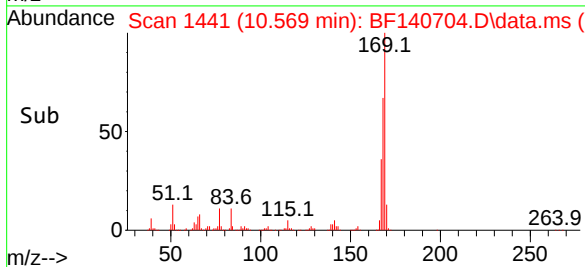
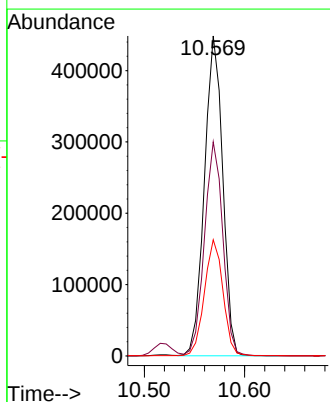
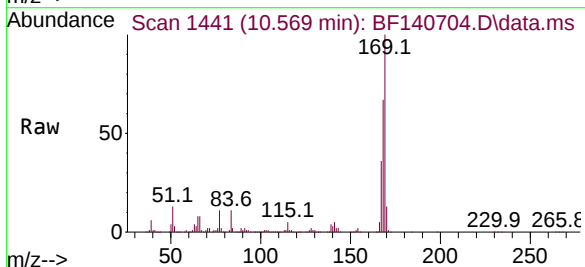
Manual Integrations
APPROVED

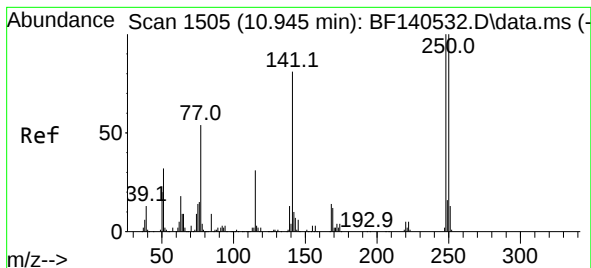
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#66
n-Nitrosodiphenylamine
Concen: 48.110 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:169 Resp: 569197
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.651 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

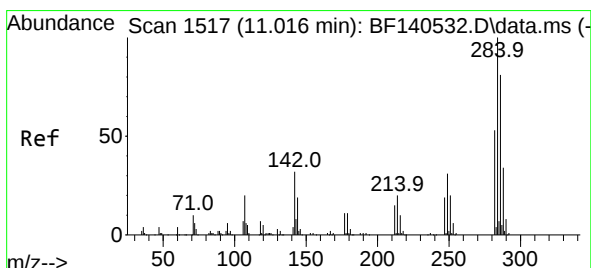
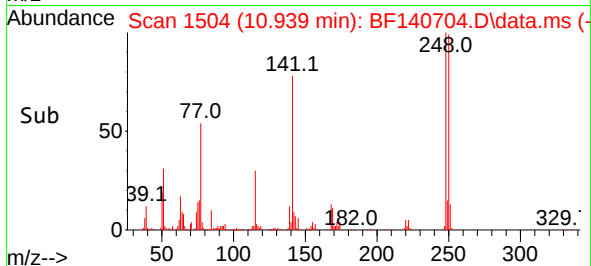
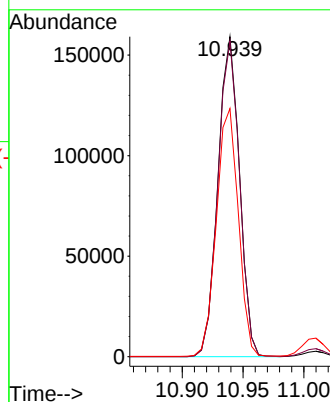
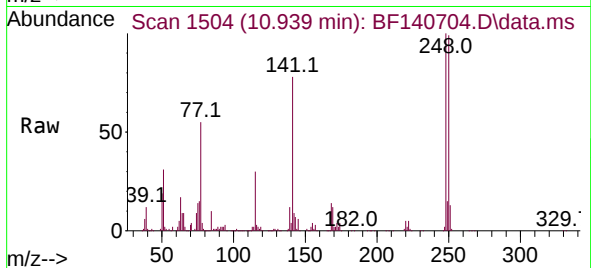
PB165312BS

Tgt Ion:248 Resp: 196320
Ion Ratio Lower Upper
248 100
250 98.6 79.8 119.8
141 77.5 64.7 97.1

Manual Integrations

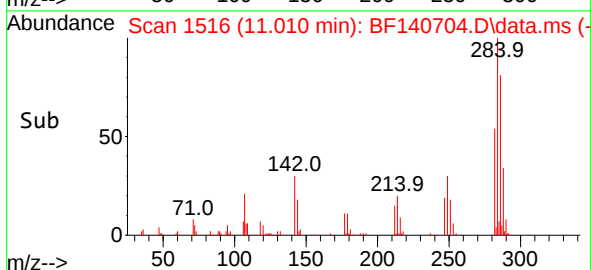
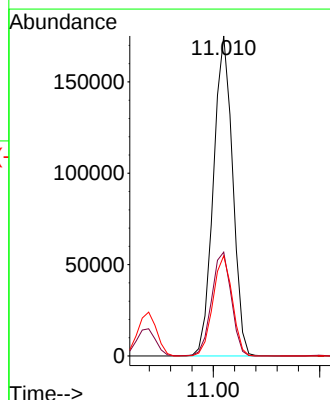
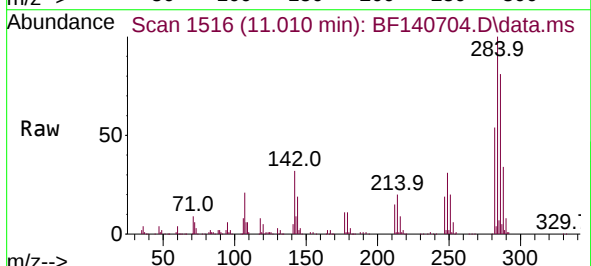
APPROVED

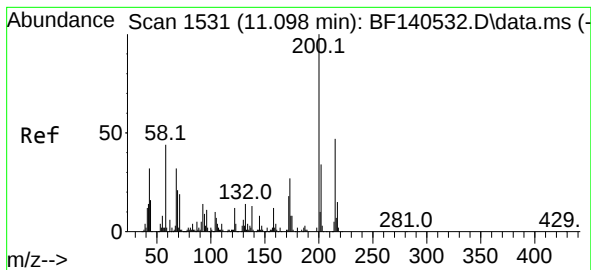
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#68
Hexachlorobenzene
Concen: 45.957 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:284 Resp: 219248
Ion Ratio Lower Upper
284 100
142 32.5 25.3 37.9
249 31.3 24.8 37.2





#69

Atrazine

Concen: 58.047 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

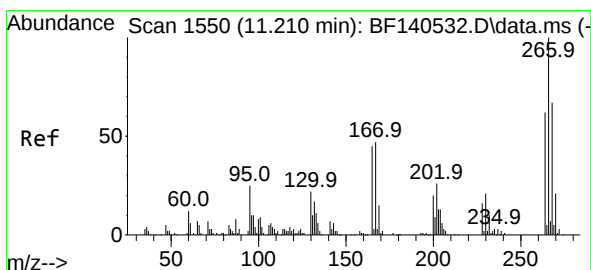
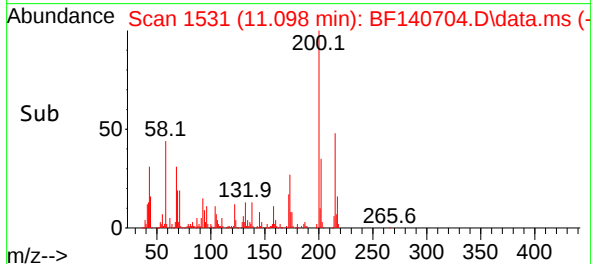
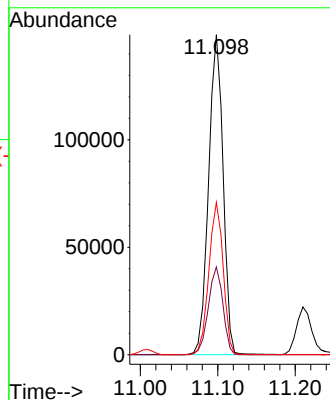
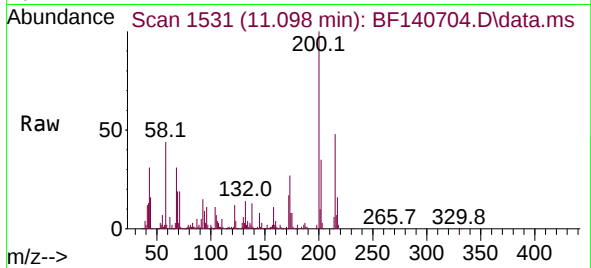
Tgt Ion:200 Resp: 193200

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.0	47.0
215	47.6	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#70

Pentachlorophenol

Concen: 82.256 ng

RT: 11.210 min Scan# 1550

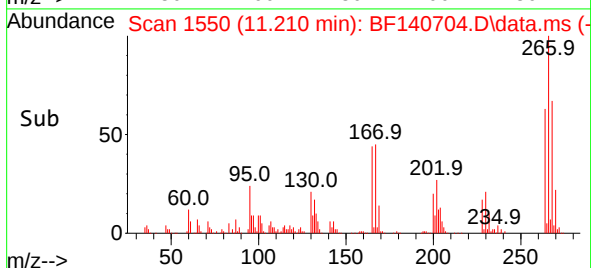
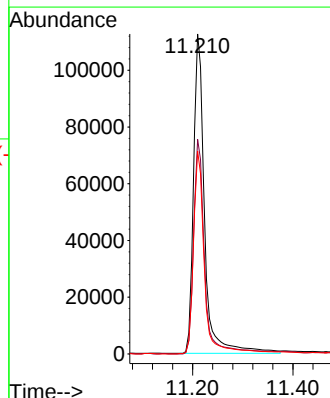
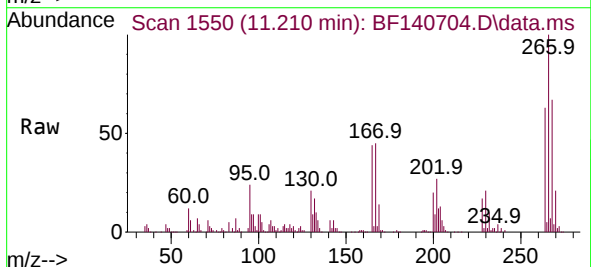
Delta R.T. -0.000 min

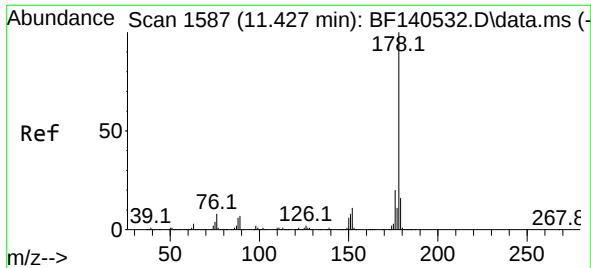
Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Tgt Ion:266 Resp: 172712

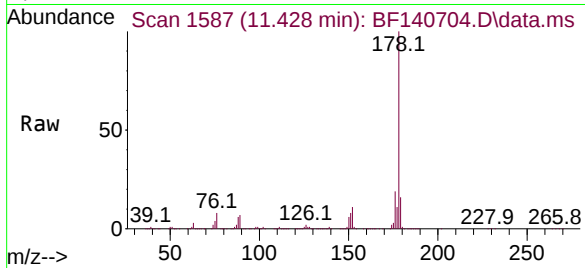
Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.7	80.5
264	63.4	49.8	74.8





#71
Phenanthrene
Concen: 48.703 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

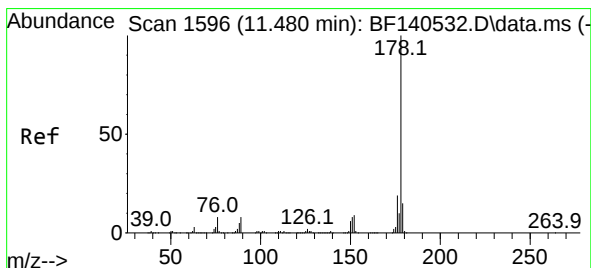
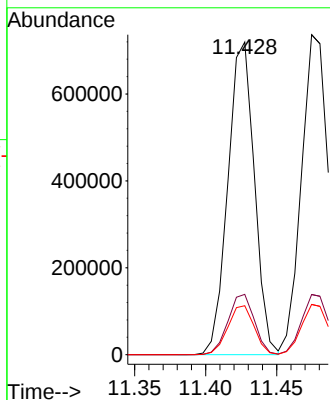
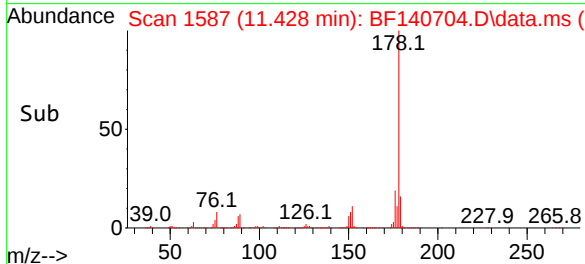
Instrument :
BNA_F
ClientSampleId :
PB165312BS



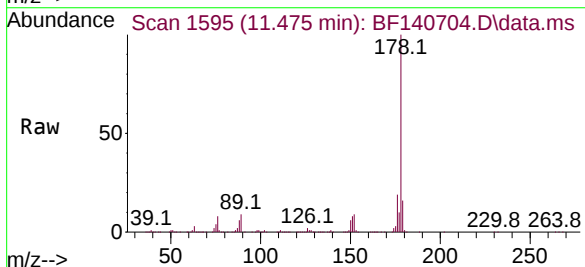
Tgt Ion:178 Resp: 936600
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.7 12.4 18.6

Manual Integrations
APPROVED

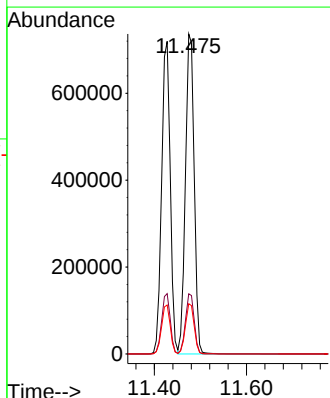
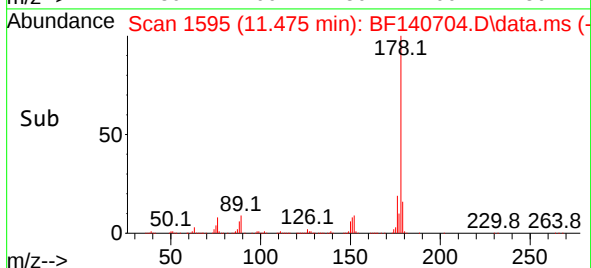
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#72
Anthracene
Concen: 51.638 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22



Tgt Ion:178 Resp: 971403
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.7 12.2 18.4





#73

Carbazole

Concen: 48.447 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

Tgt Ion:167 Resp: 87673

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

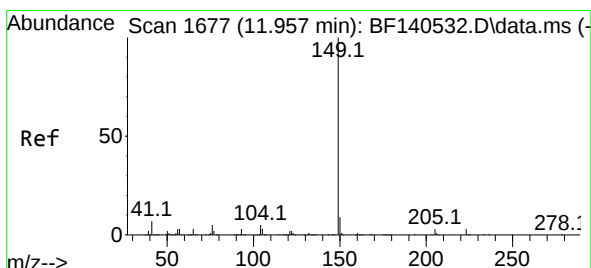
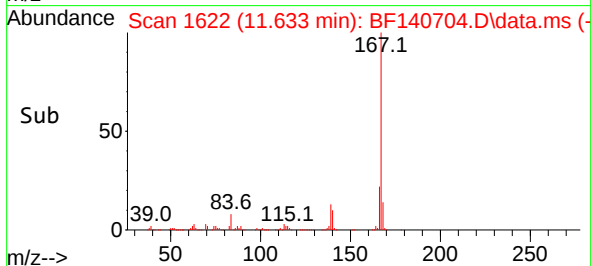
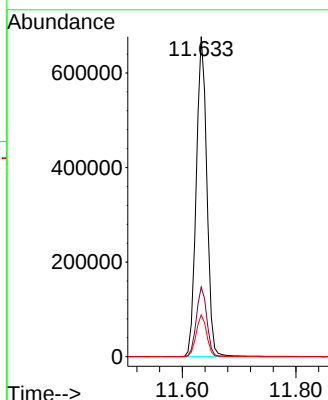
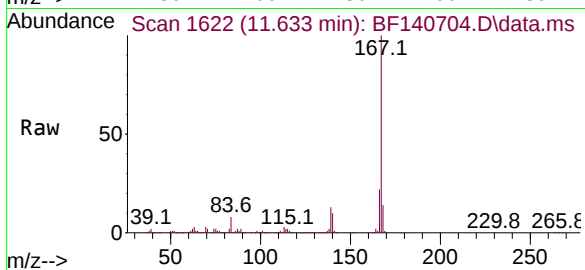
139 13.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#74

Di-n-butylphthalate

Concen: 53.185 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

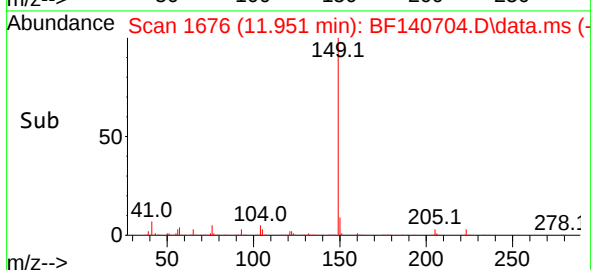
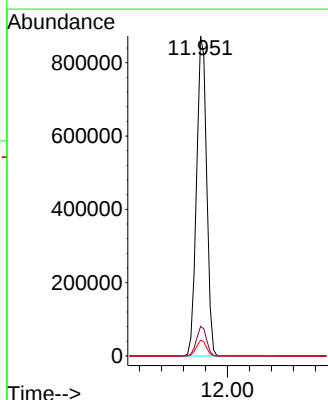
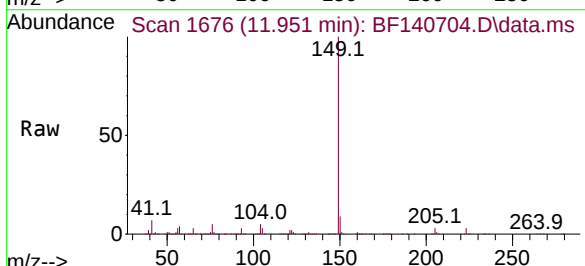
Tgt Ion:149 Resp: 1111182

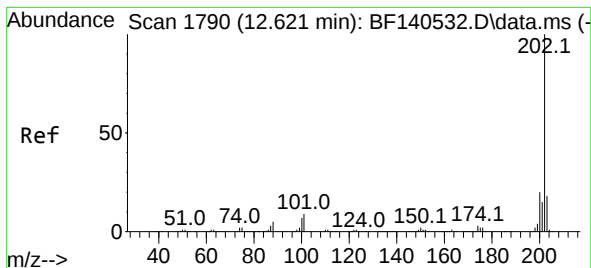
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 49.095 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

Tgt Ion:202 Resp: 1025108

Ion Ratio Lower Upper

202 100

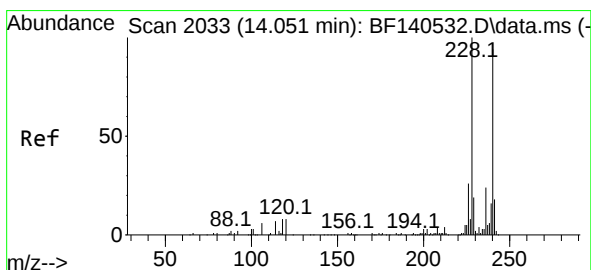
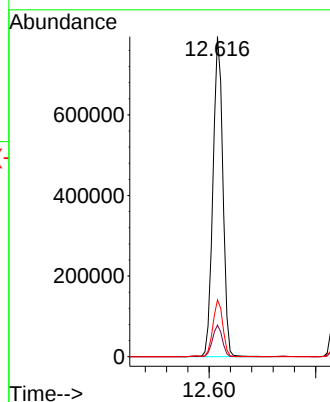
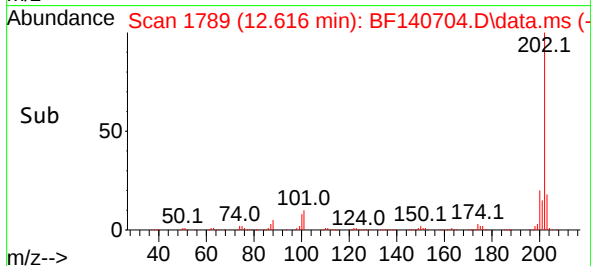
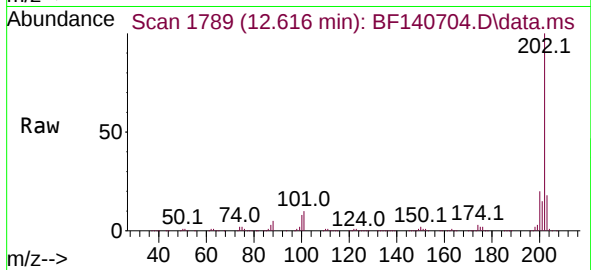
101 9.9 0.0 28.9

203 17.7 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

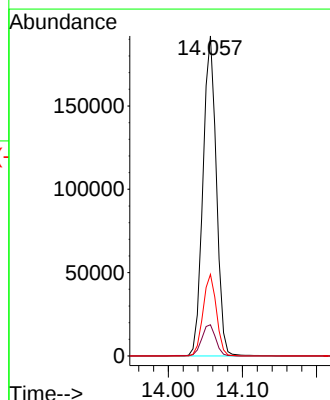
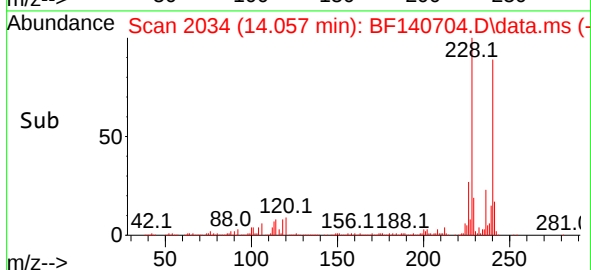
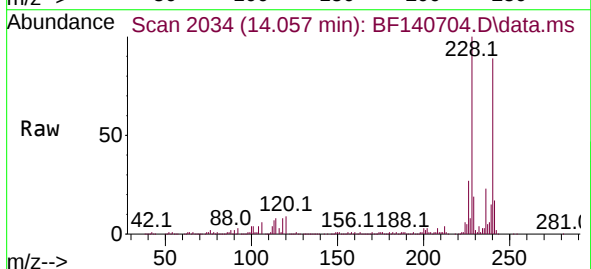
Tgt Ion:240 Resp: 241048

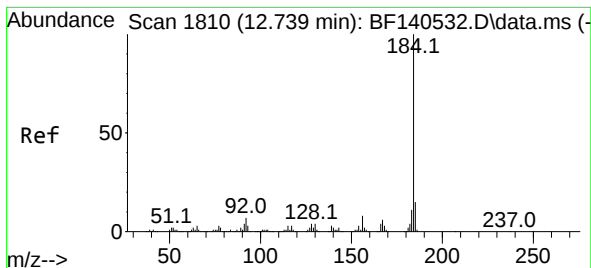
Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

236 25.5 20.6 31.0





#77

Benzidine

Concen: 41.441 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

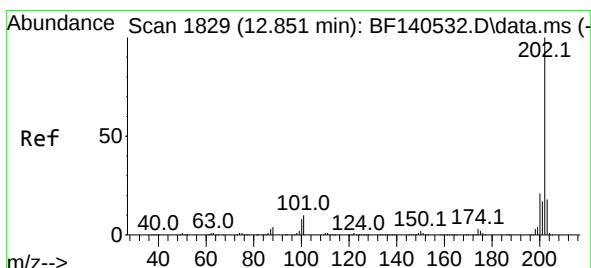
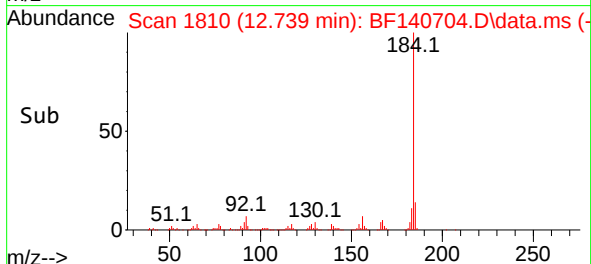
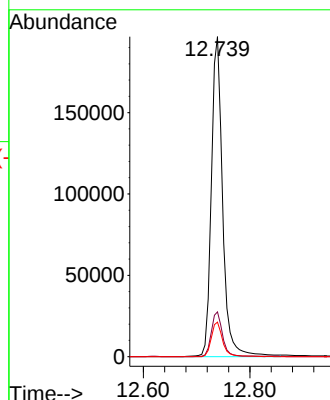
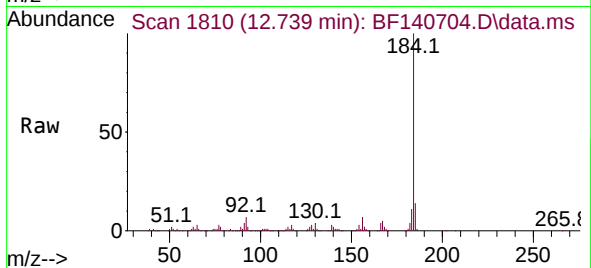
PB165312BS

Tgt Ion:184	Resp: 29043
Ion Ratio	Lower Upper
184	100
185	14.0 11.7 17.5
183	10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#78

Pyrene

Concen: 47.311 ng

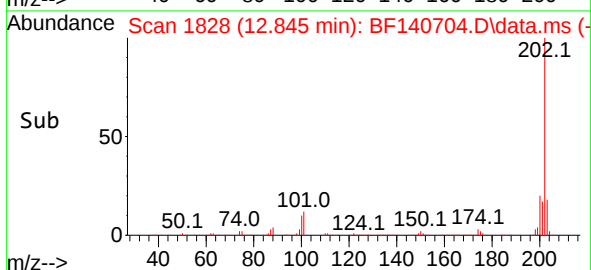
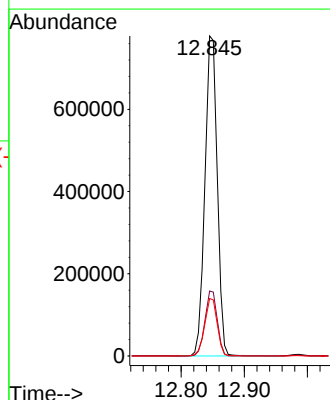
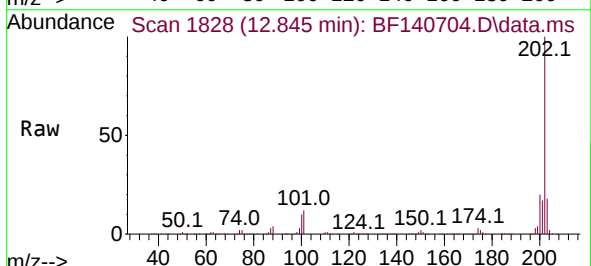
RT: 12.845 min Scan# 1828

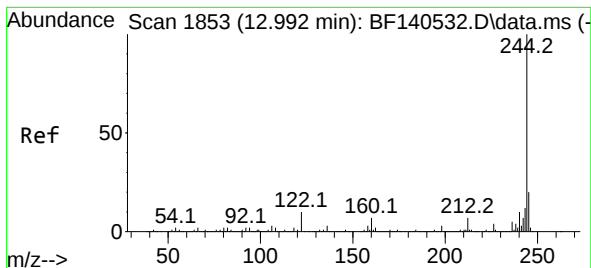
Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Tgt Ion:202	Resp: 1054453
Ion Ratio	Lower Upper
202	100
200	20.3 16.5 24.7
203	17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 95.225 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140704.D

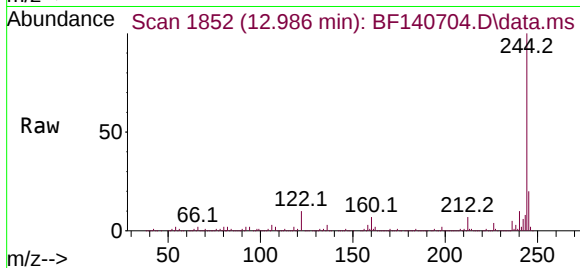
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS



Tgt Ion:244 Resp: 1474108

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

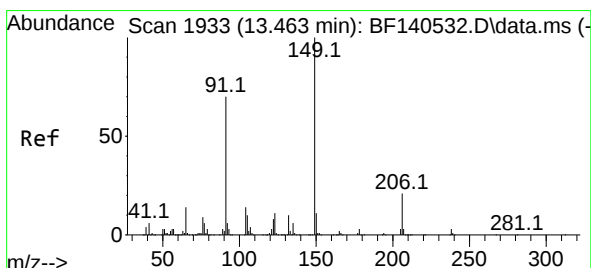
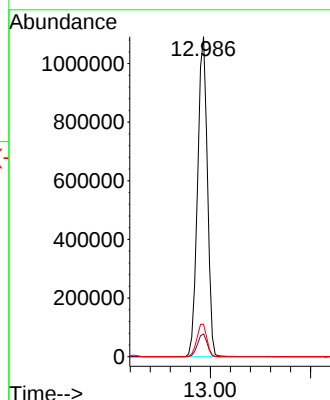
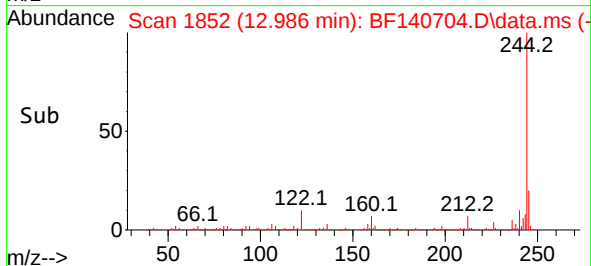
122 10.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#80

Butylbenzylphthalate

Concen: 55.338 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

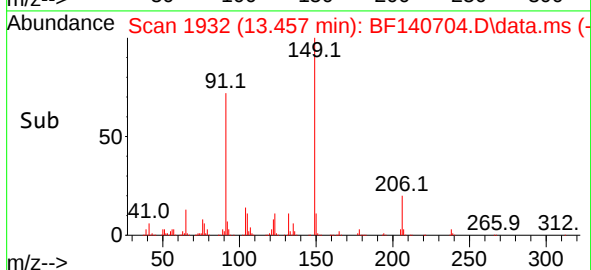
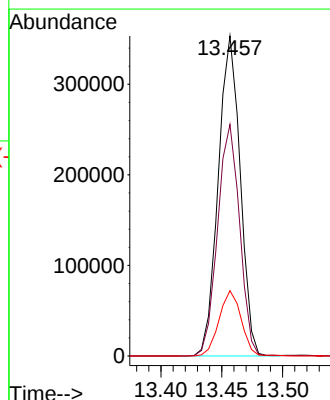
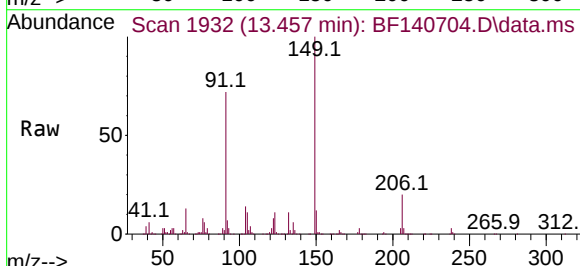
Tgt Ion:149 Resp: 444305

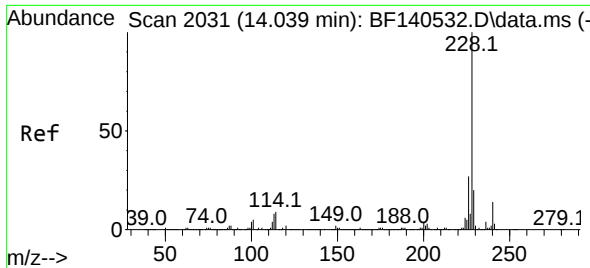
Ion Ratio Lower Upper

149 100

91 72.3 56.2 84.2

206 20.4 16.4 24.6





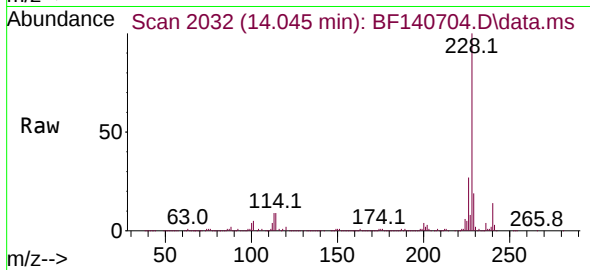
#81
Benzo(a)anthracene
Concen: 50.764 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

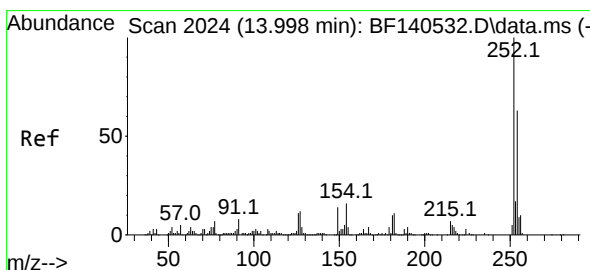
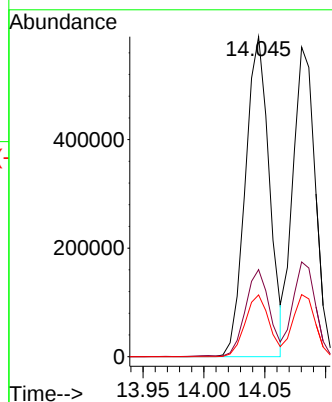
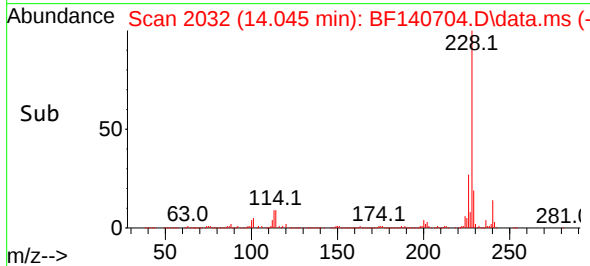


Tgt Ion:228 Resp: 810018
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.3 15.8 23.6

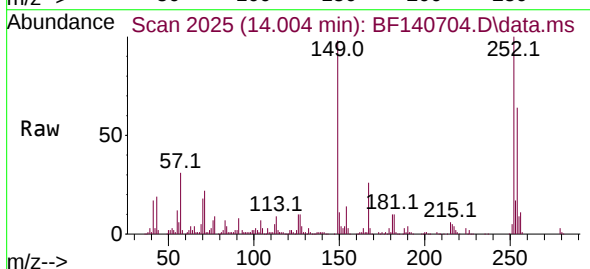
Manual Integrations

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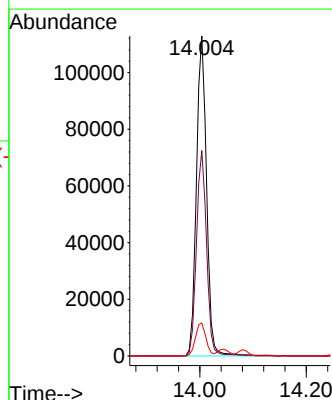
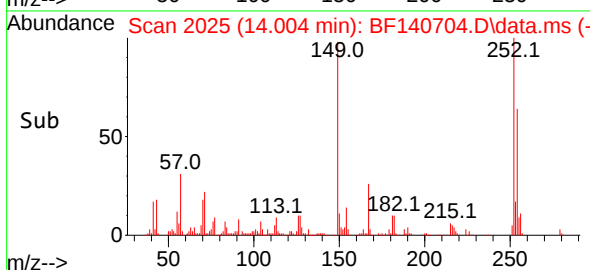
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

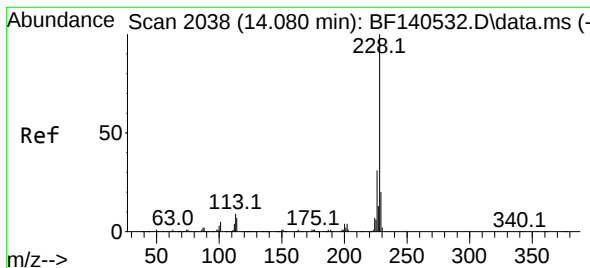


#82
3,3'-Dichlorobenzidine
Concen: 31.069 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22



Tgt Ion:252 Resp: 148845
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 10.3 8.6 13.0





#83

Chrysene

Concen: 50.252 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

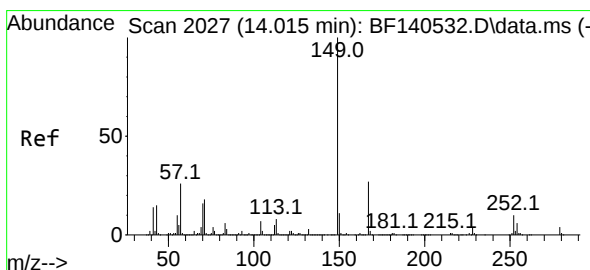
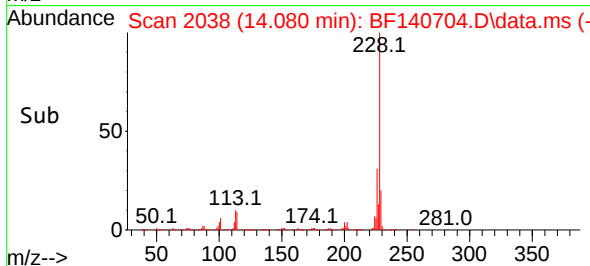
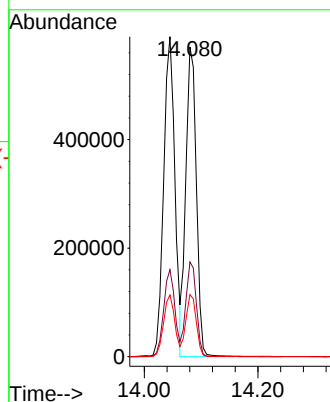
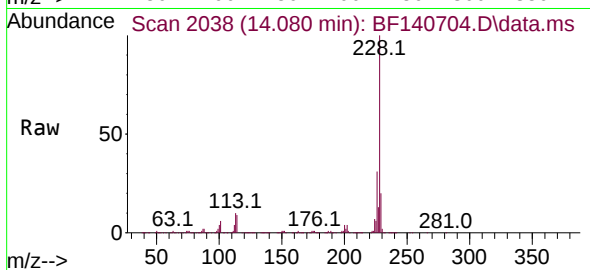
Tgt Ion:228 Resp: 733200

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	20.1	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.423 ng

RT: 14.016 min Scan# 2027

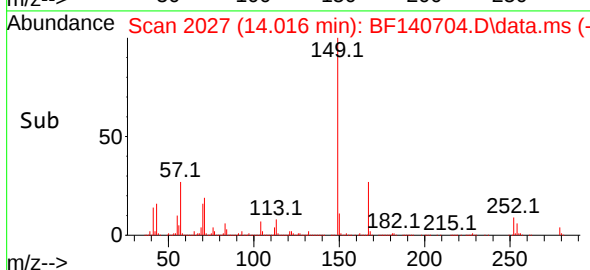
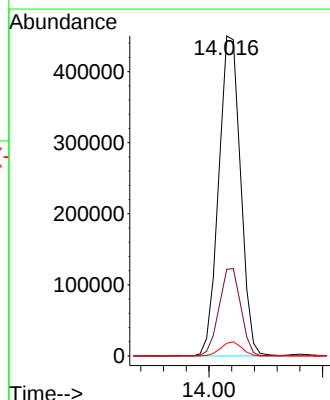
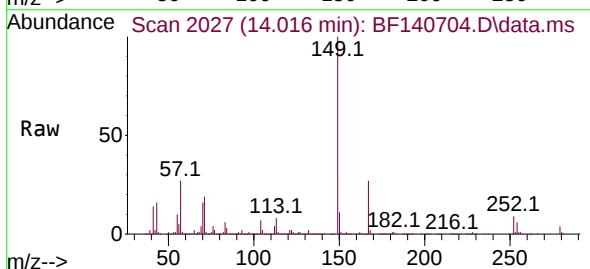
Delta R.T. 0.000 min

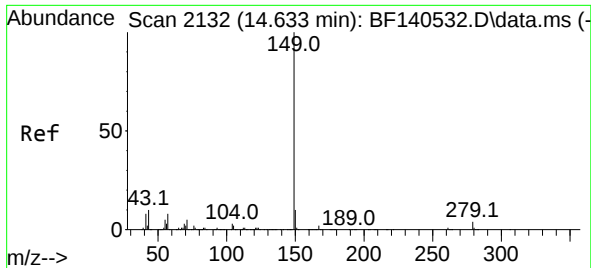
Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Tgt Ion:149 Resp: 602451

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.2	31.8
279	4.0	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 64.876 ng
RT: 14.651 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

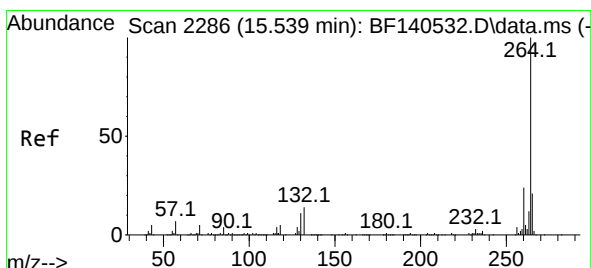
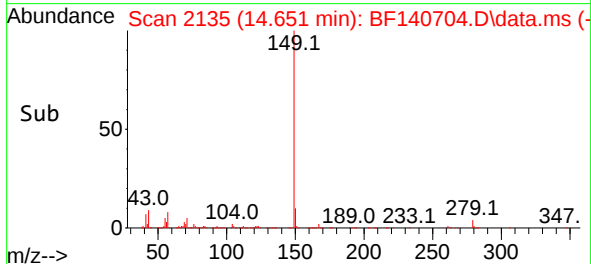
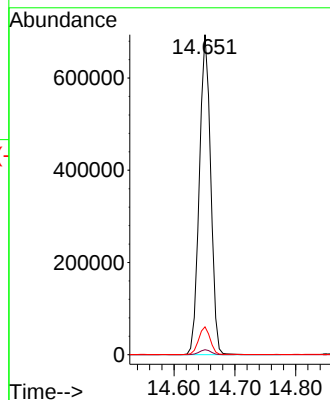
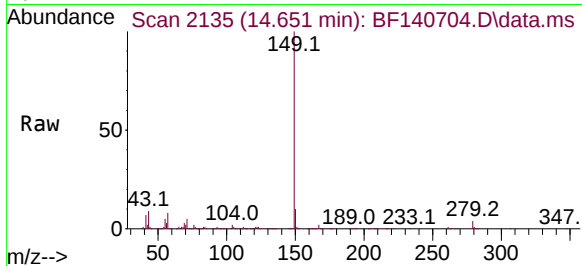
PB165312BS

Tgt Ion:149 Resp: 89886
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.7 11.5

Manual Integrations

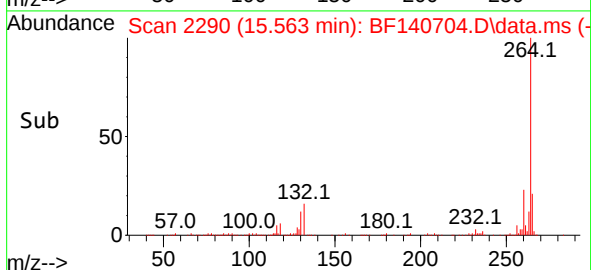
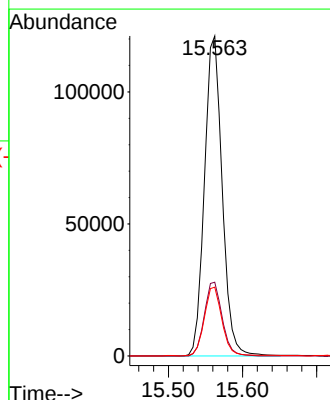
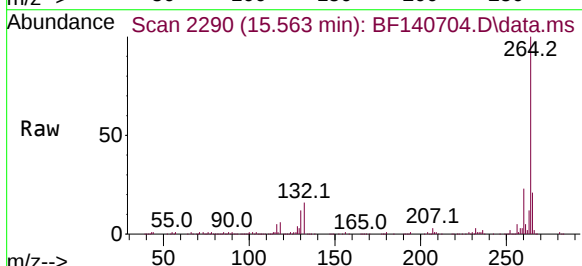
APPROVED

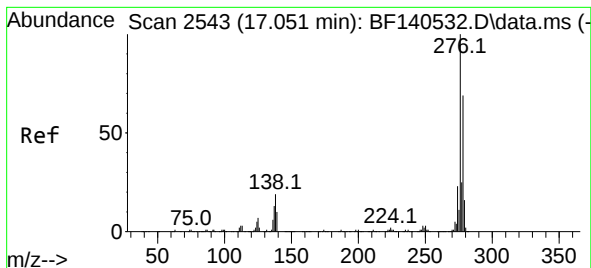
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.024 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

Tgt Ion:264 Resp: 201165
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.6
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.305 ng

RT: 17.086 min Scan# 2115

Delta R.T. 0.035 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

Tgt Ion:276 Resp: 72503

Ion Ratio Lower Upper

276 100

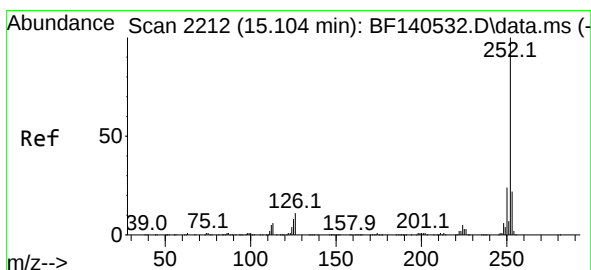
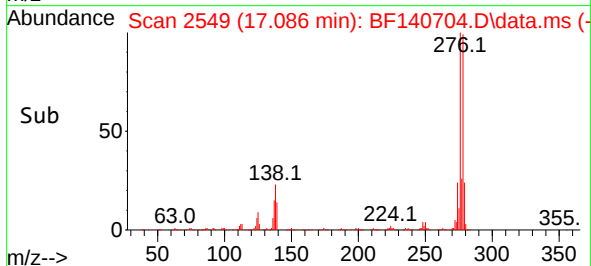
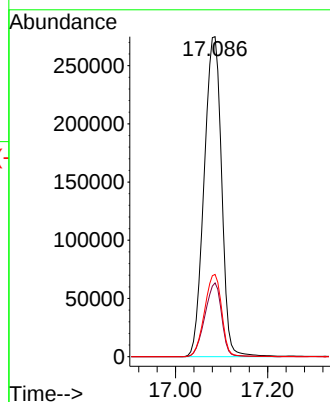
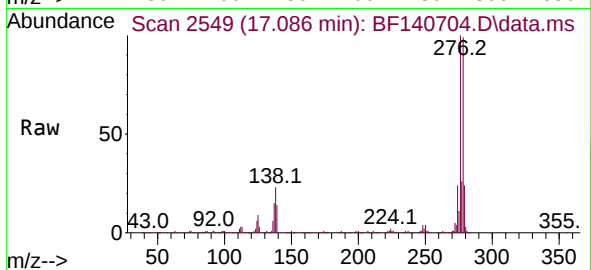
138 22.2 15.5 23.3

277 25.3 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#88

Benzo(b)fluoranthene

Concen: 50.351 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

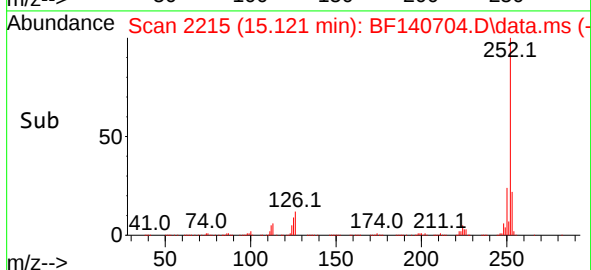
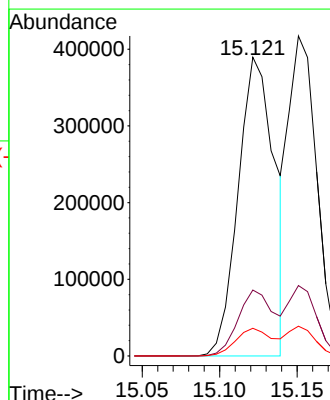
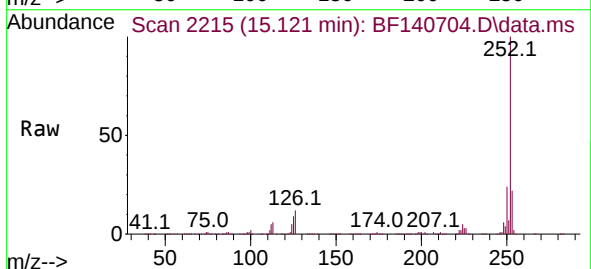
Tgt Ion:252 Resp: 636213

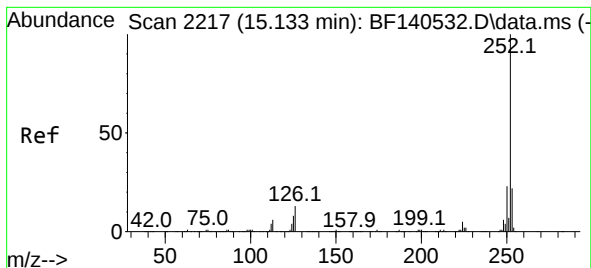
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.3 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 48.216 ng

RT: 15.151 min Scan# 2217

Delta R.T. 0.018 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB165312BS

Tgt Ion:252 Resp: 53313

Ion Ratio Lower Upper

252 100

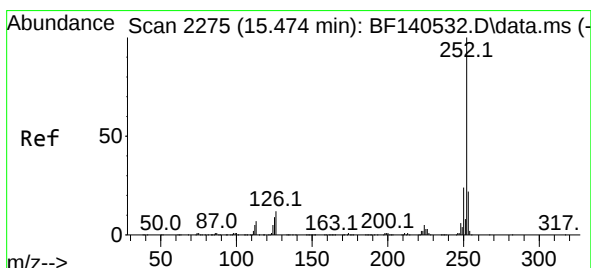
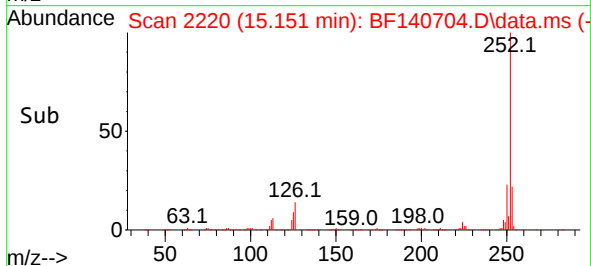
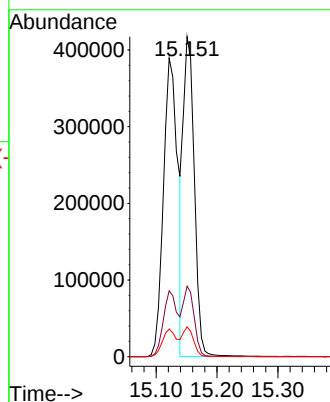
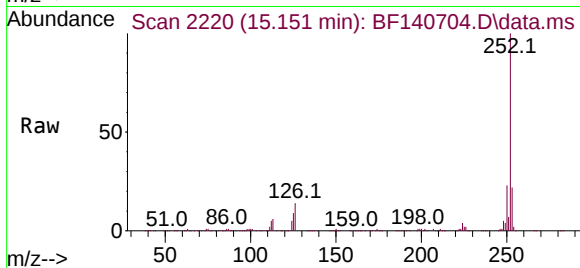
253 22.0 17.5 26.3

125 9.3 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#90

Benzo(a)pyrene

Concen: 53.331 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.024 min

Lab File: BF140704.D

Acq: 03 Dec 2024 12:22

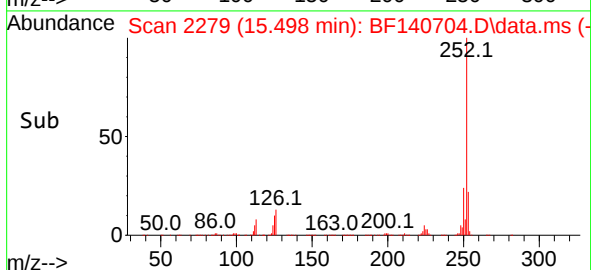
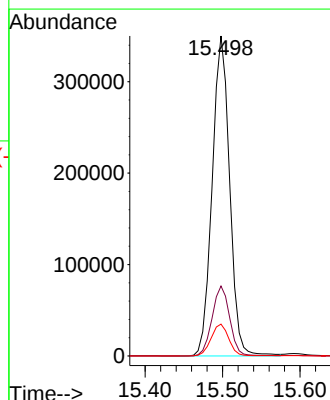
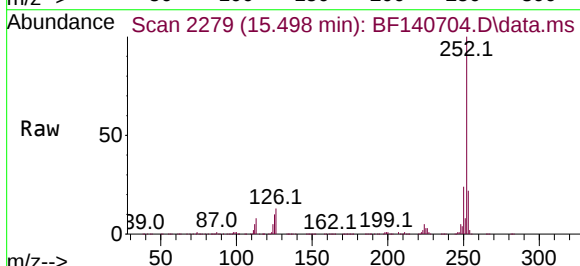
Tgt Ion:252 Resp: 547908

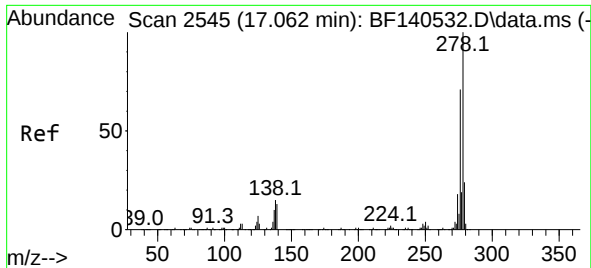
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

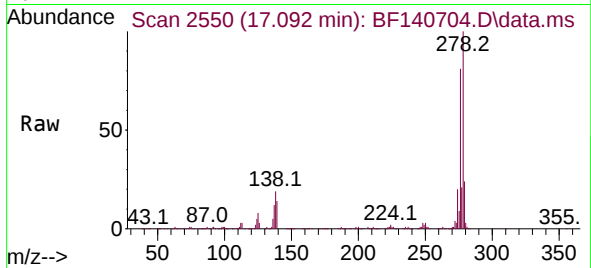
125 10.0 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 55.055 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22

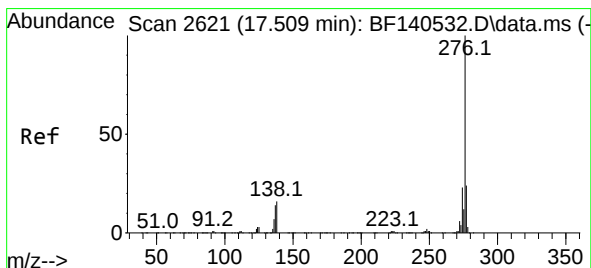
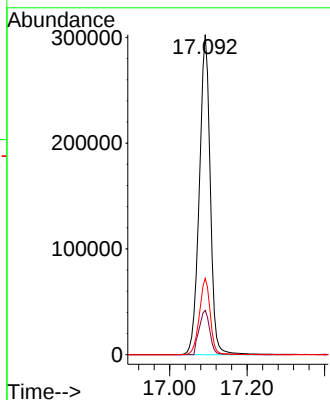
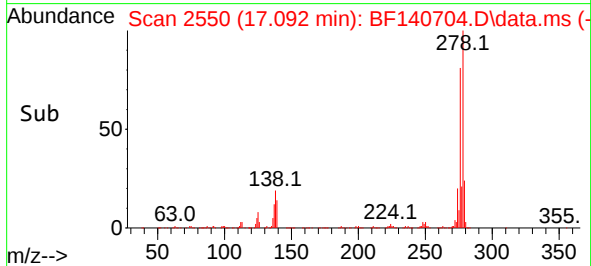
Instrument :
BNA_F
ClientSampleId :
PB165312BS



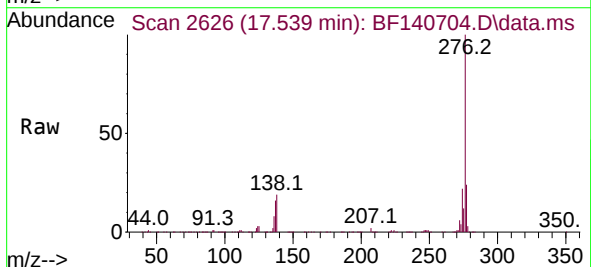
Tgt Ion:278 Resp: 59109
Ion Ratio Lower Upper
278 100
139 13.9 10.2 15.4
279 23.9 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#92
Benzo(g,h,i)perylene
Concen: 51.299 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.029 min
Lab File: BF140704.D
Acq: 03 Dec 2024 12:22



Tgt Ion:276 Resp: 562024
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 19.0 13.2 19.8

