

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140706.D
 Acq On : 03 Dec 2024 13:14
 Operator : RC/JU
 Sample : PB165316BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165316BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024

Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 13:38:40 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	73730	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	273673	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	156191	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	297262	20.000	ng	0.00
76) Chrysene-d12	14.051	240	174549	20.000	ng	0.00
86) Perylene-d12	15.551	264	145986	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	586040	135.617	ng	0.01
7) Phenol-d6	6.516	99	747066	130.770	ng	0.00
23) Nitrobenzene-d5	7.434	82	490670	91.708	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	240128	143.748	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	988606	94.305	ng	0.00
79) Terphenyl-d14	12.986	244	1136478	101.384	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	76079	41.874	ng	99
3) Pyridine	3.487	79	182316	45.607	ng	99
4) n-Nitrosodimethylamine	3.434	42	102873	43.785	ng	92
6) Aniline	6.534	93	194198	48.296	ng	# 85
8) 2-Chlorophenol	6.663	128	231412	49.776	ng	94
9) Benzaldehyde	6.422	77	85286	28.200	ng	98
10) Phenol	6.528	94	282375	48.400	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	213704	47.867	ng	99
12) 1,3-Dichlorobenzene	6.810	146	241009	46.136	ng	99
13) 1,4-Dichlorobenzene	6.887	146	242331	45.815	ng	99
14) 1,2-Dichlorobenzene	7.040	146	233095	47.030	ng	100
15) Benzyl Alcohol	7.016	79	210535	49.694	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	261672	49.612	ng	89
17) 2-Methylphenol	7.128	107	176858	47.523	ng	99
18) Hexachloroethane	7.375	117	92673	46.911	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	162702	48.190	ng	98
20) 3+4-Methylphenols	7.281	107	235212	49.172	ng	95
22) Acetophenone	7.281	105	317164	47.536	ng	98
24) Nitrobenzene	7.451	77	249605	45.138	ng	98
25) Isophorone	7.692	82	440013	49.307	ng	100
26) 2-Nitrophenol	7.769	139	120169	49.038	ng	97
27) 2,4-Dimethylphenol	7.804	122	182650m	62.295	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	268042	49.304	ng	100
29) 2,4-Dichlorophenol	8.016	162	192270	49.488	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	203893	45.964	ng	100
31) Naphthalene	8.175	128	665507	47.211	ng	99
32) Benzoic acid	7.939	122	81441	34.328	ng	97
33) 4-Chloroaniline	8.228	127	98725	23.391	ng	98
34) Hexachlorobutadiene	8.286	225	138356	47.089	ng	99
35) Caprolactam	8.598	113	57543m	47.859	ng	
36) 4-Chloro-3-methylphenol	8.716	107	214295	49.264	ng	99
37) 2-Methylnaphthalene	8.863	142	444414	49.636	ng	100
38) 1-Methylnaphthalene	8.963	142	414924	47.278	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	217334	47.531	ng	99
41) Hexachlorocyclopentadiene	9.010	237	179432	165.959	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	135610	47.264	ng	99

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 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	9.192	196	146482	47.041	ng	98
46) 1,1'-Biphenyl	9.328	154	558314	47.877	ng	100
47) 2-Chloronaphthalene	9.351	162	418368	47.348	ng	99
48) 2-Nitroaniline	9.457	65	133294	46.997	ng	96
49) Acenaphthylene	9.769	152	685473	51.344	ng	100
50) Dimethylphthalate	9.628	163	521849	50.731	ng	100
51) 2,6-Dinitrotoluene	9.698	165	109495	46.934	ng	94
52) Acenaphthene	9.939	154	418046	49.281	ng	100
53) 3-Nitroaniline	9.869	138	65798	28.837	ng	96
54) 2,4-Dinitrophenol	9.986	184	88407	73.837	ng	95
55) Dibenzofuran	10.116	168	628619	48.583	ng	99
56) 4-Nitrophenol	10.045	139	138133	88.766	ng	96
57) 2,4-Dinitrotoluene	10.104	165	149509	48.220	ng	98
58) Fluorene	10.457	166	509185	49.026	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	126001	52.651	ng	92
60) Diethylphthalate	10.328	149	529207	50.635	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	258463	50.709	ng	98
62) 4-Nitroaniline	10.486	138	110744	46.276	ng	96
63) Azobenzene	10.610	77	495055	50.018	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	73839	48.610	ng	99
66) n-Nitrosodiphenylamine	10.569	169	442028	50.283	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	153537	50.153	ng	98
68) Hexachlorobenzene	11.010	284	172872	48.769	ng	99
69) Atrazine	11.098	200	148558	60.071	ng	98
70) Pentachlorophenol	11.210	266	124023	79.496	ng	99
71) Phenanthrene	11.427	178	721551	50.497	ng	99
72) Anthracene	11.475	178	739843	52.931	ng	100
73) Carbazole	11.633	167	666816	49.591	ng	99
74) Di-n-butylphthalate	11.951	149	844129	54.376	ng	100
75) Fluoranthene	12.616	202	783340	50.492	ng	100
77) Benzidine	12.739	184	192525	37.937	ng	99
78) Pyrene	12.845	202	800967	49.629	ng	99
80) Butylbenzylphthalate	13.457	149	327653	56.356	ng	99
81) Benzo(a)anthracene	14.039	228	580474	50.238	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	102027	29.410	ng	100
83) Chrysene	14.080	228	534104	50.553	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	455249	62.011	ng	100
85) Di-n-octyl phthalate	14.639	149	634381	63.230	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	537680	56.516	ng	99
88) Benzo(b)fluoranthene	15.110	252	468165	51.056	ng	100
89) Benzo(k)fluoranthene	15.139	252	382967	47.727	ng	99
90) Benzo(a)pyrene	15.486	252	402840	54.032	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	441856	56.711	ng	99
92) Benzo(g,h,i)perylene	17.521	276	406506	51.129	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

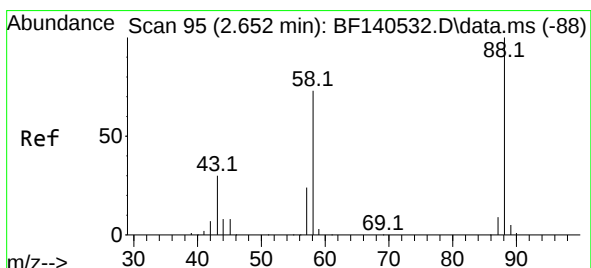
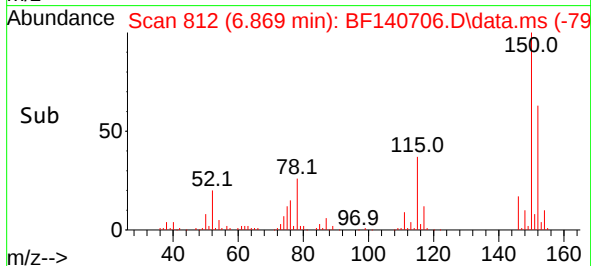
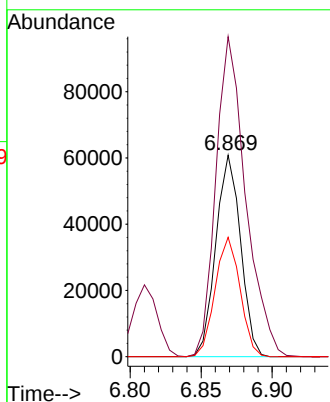
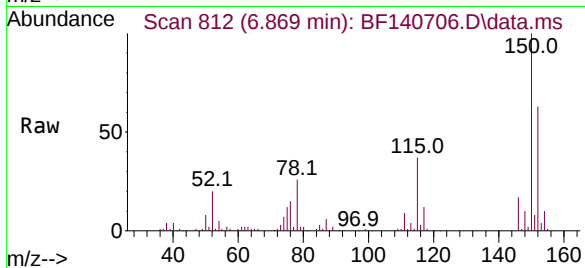
PB165316BS

Tgt Ion:152 Resp: 73730
Ion Ratio Lower Upper
152 100
150 158.9 128.5 192.7
115 59.3 50.2 75.4

Manual Integrations

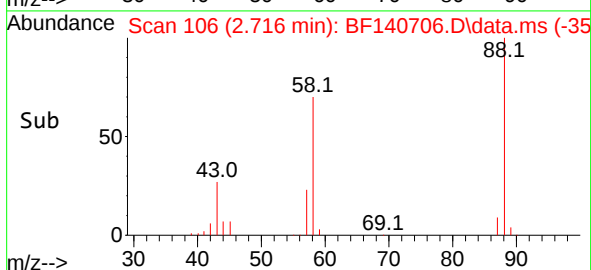
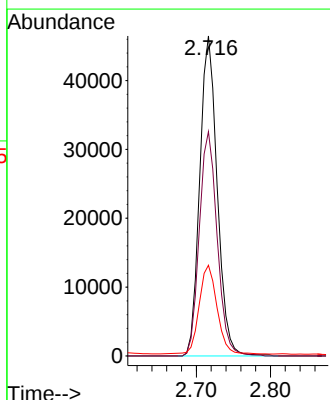
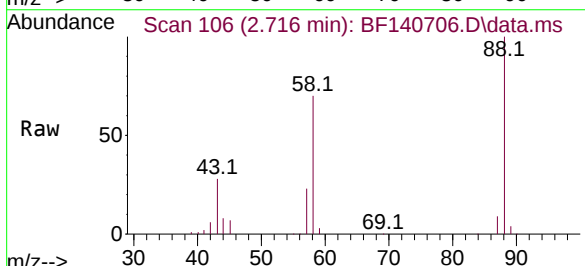
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Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#2
1,4-Dioxane
Concen: 41.874 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.065 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion: 88 Resp: 76079
Ion Ratio Lower Upper
88 100
58 71.7 57.4 86.2
43 28.3 24.3 36.5





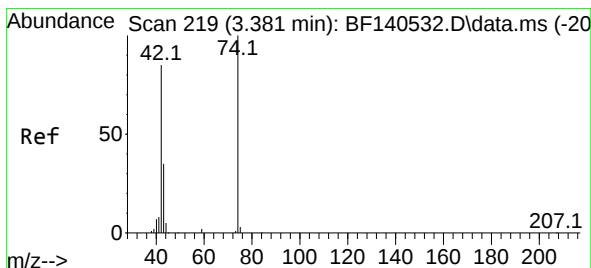
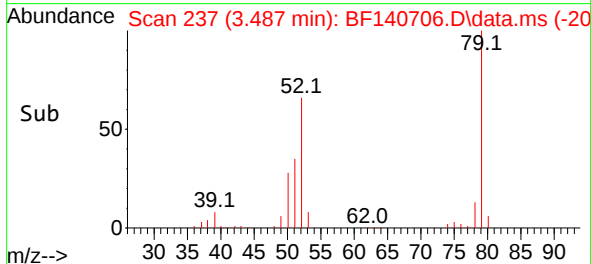
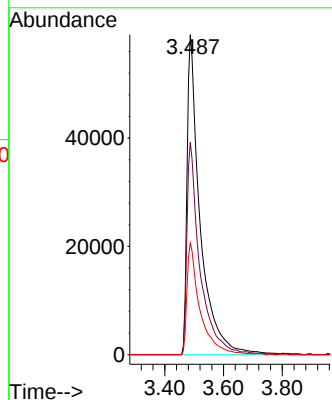
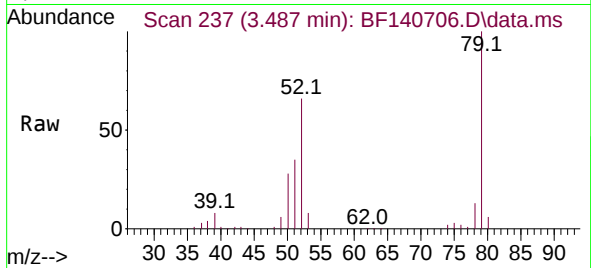
#3
Pyridine
Concen: 45.607 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :
BNA_F
ClientSampleId :
PB165316BS

Tgt Ion: 79 Resp: 182310
Ion Ratio Lower Upper
79 100
52 66.4 52.1 78.1
51 34.9 27.8 41.8

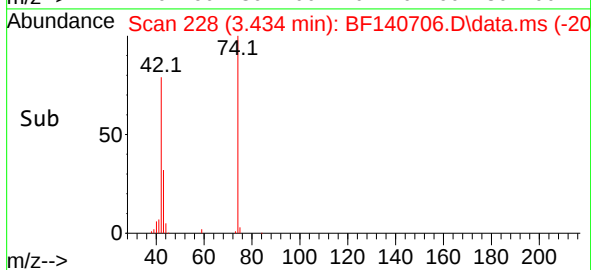
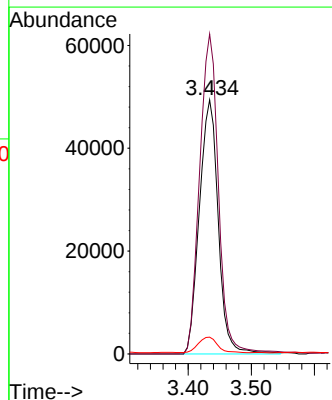
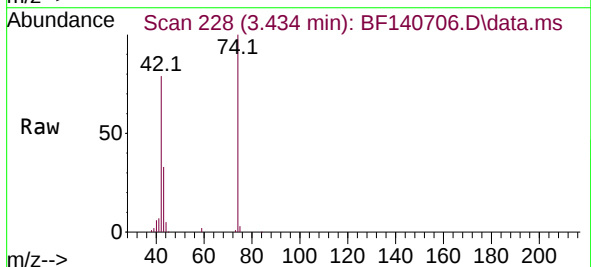
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Supervised By :mohammad ahmed 12/05/2024



#4
n-Nitrosodimethylamine
Concen: 43.785 ng
RT: 3.434 min Scan# 228
Delta R.T. 0.053 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion: 42 Resp: 102873
Ion Ratio Lower Upper
42 100
74 125.9 93.8 140.6
44 6.6 4.6 6.8





#5
2-Fluorophenol
Concen: 135.617 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

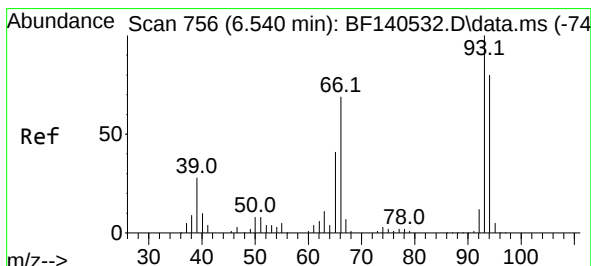
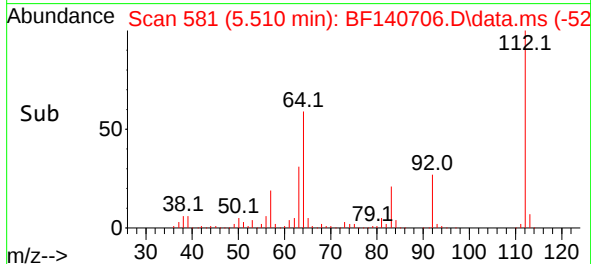
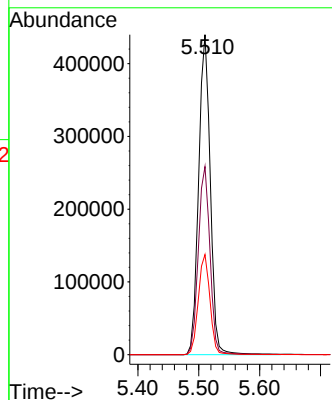
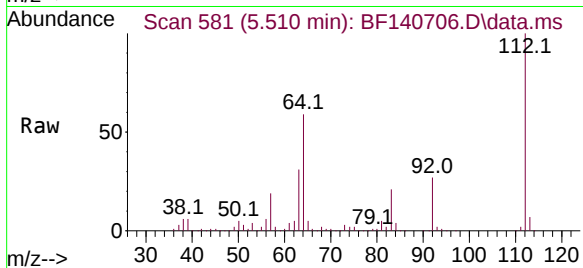
PB165316BS

Tgt Ion:112 Resp: 586040
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 31.3 27.0 40.4

Manual Integrations

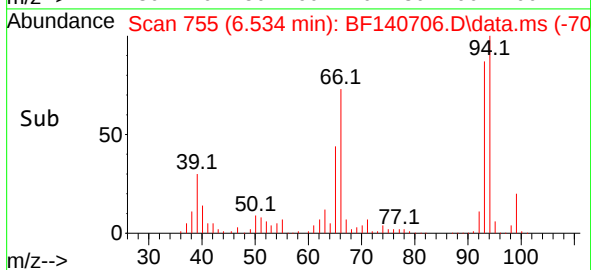
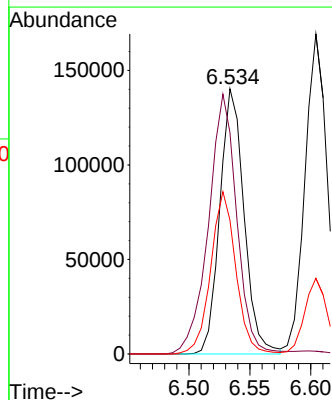
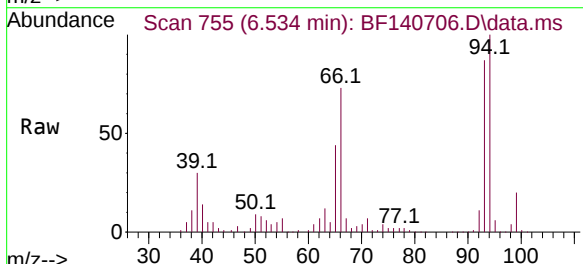
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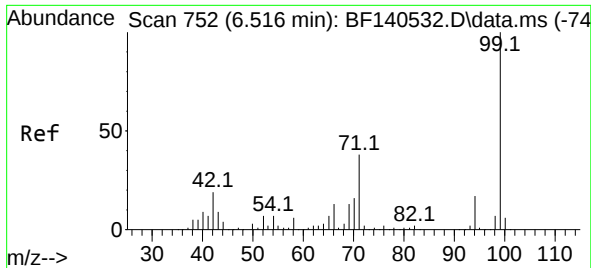
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#6
Aniline
Concen: 48.296 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion: 93 Resp: 194198
Ion Ratio Lower Upper
93 100
66 83.5 56.5 84.7
65 50.4 32.9 49.3





#7

Phenol-d6

Concen: 130.770 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

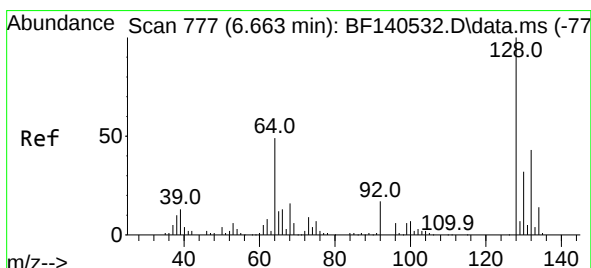
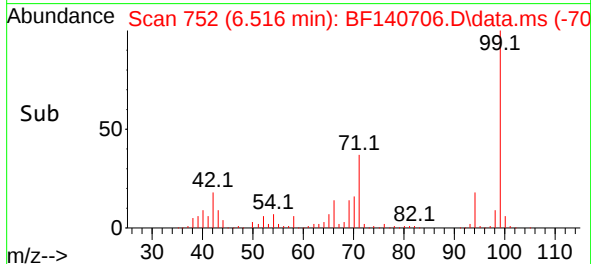
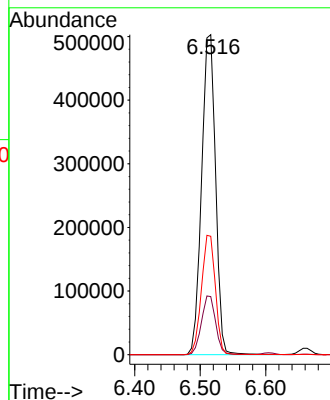
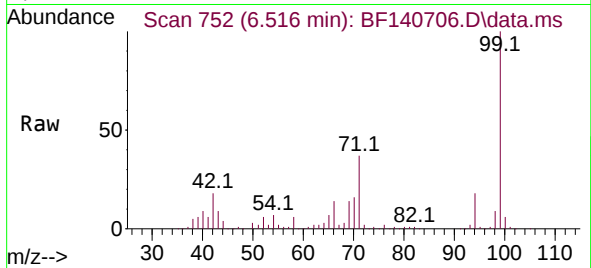
Tgt Ion: 99 Resp: 747060

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.4	23.0
71	37.0	30.6	46.0

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#8

2-Chlorophenol

Concen: 49.776 ng

RT: 6.663 min Scan# 777

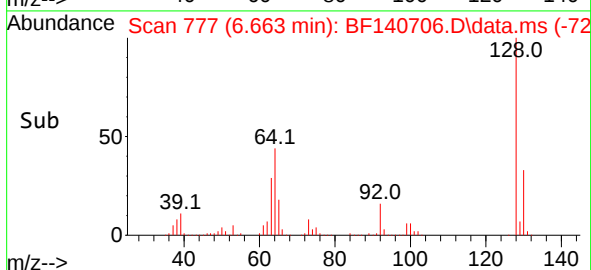
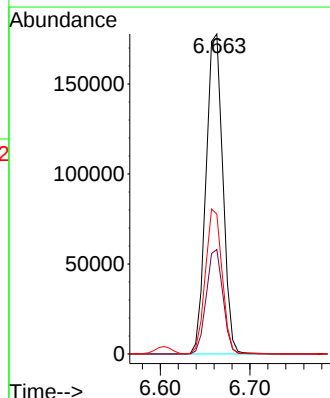
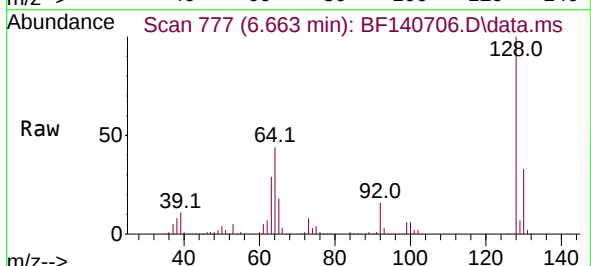
Delta R.T. 0.000 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Tgt Ion:128 Resp: 231412

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	43.7	30.2	70.2





#9
Benzaldehyde
Concen: 28.200 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

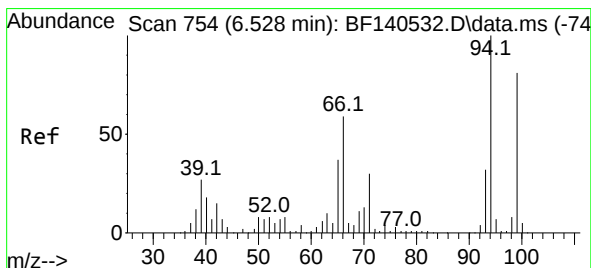
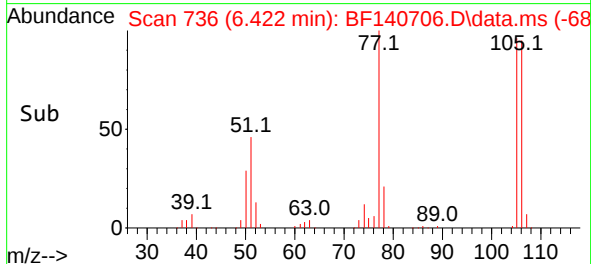
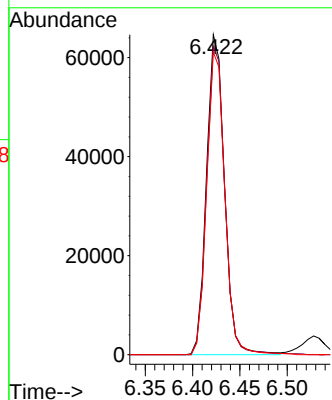
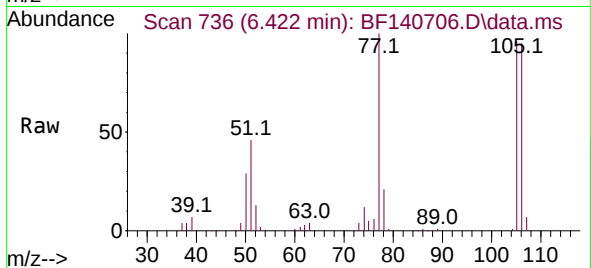
ClientSampleId :

PB165316BS

Tgt Ion: 77 Resp: 85280
Ion Ratio Lower Upper
77 100
105 96.4 75.6 115.6
106 94.6 72.0 112.0

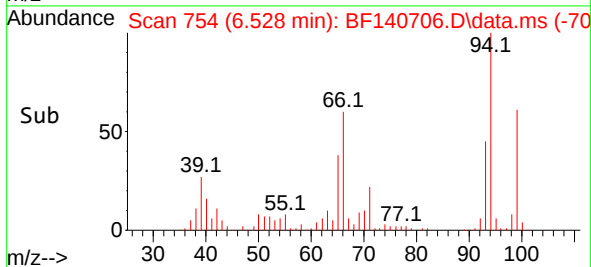
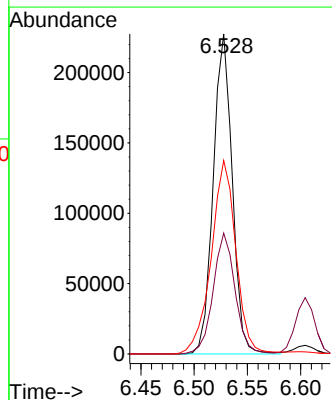
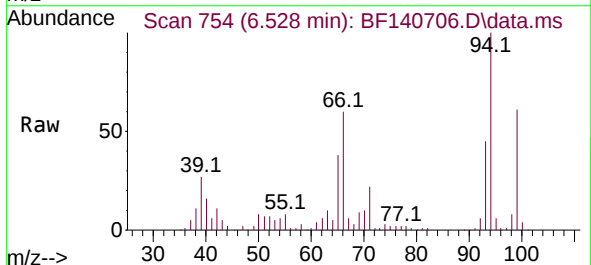
Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#10
Phenol
Concen: 48.400 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion: 94 Resp: 282375
Ion Ratio Lower Upper
94 100
65 37.7 17.2 57.2
66 60.4 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 47.867 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

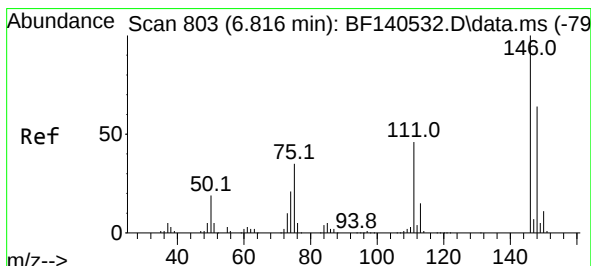
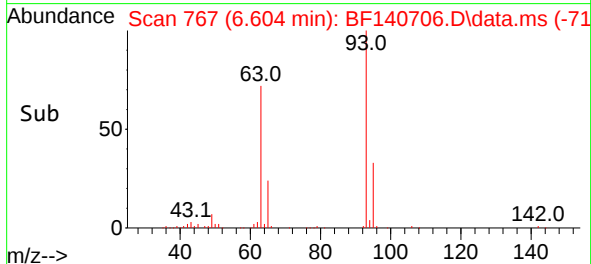
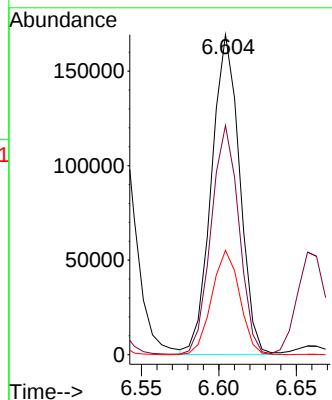
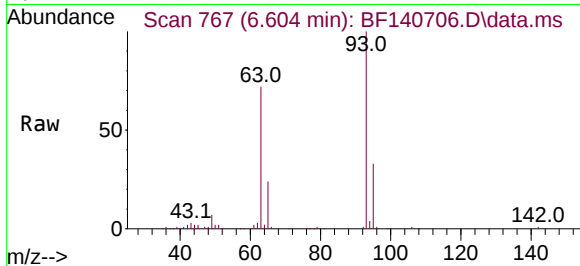
ClientSampleId :

PB165316BS

Tgt Ion: 93 Resp: 213704
Ion Ratio Lower Upper
93 100
63 71.7 52.8 92.8
95 32.6 12.3 52.3

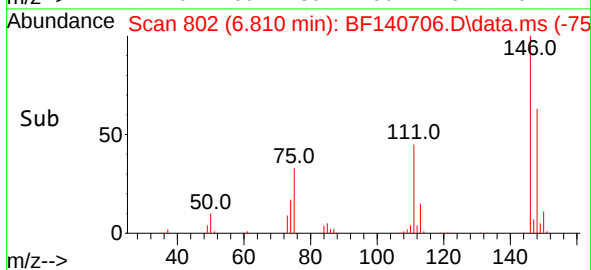
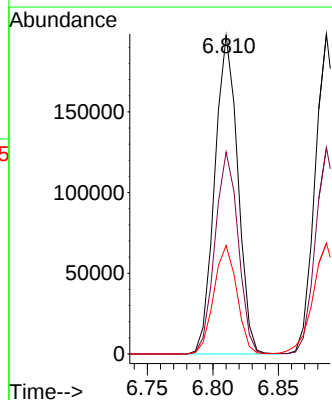
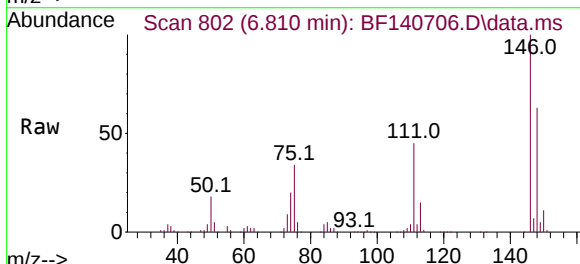
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 46.136 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion:146 Resp: 241009
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 34.1 28.2 42.2





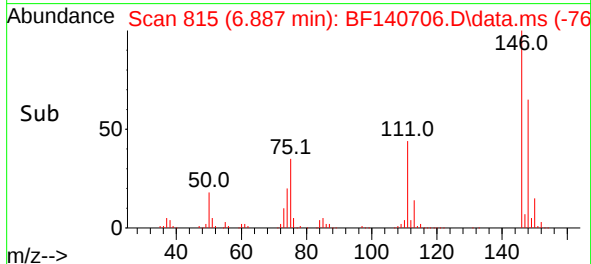
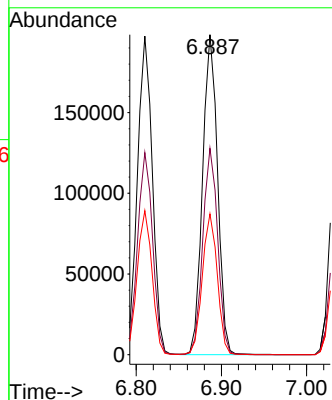
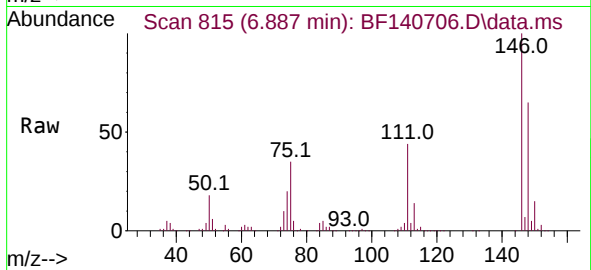
#13
1,4-Dichlorobenzene
Concen: 45.815 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :
BNA_F
ClientSampleId :
PB165316BS

Tgt Ion:146 Resp: 24233
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 44.0 35.3 52.9

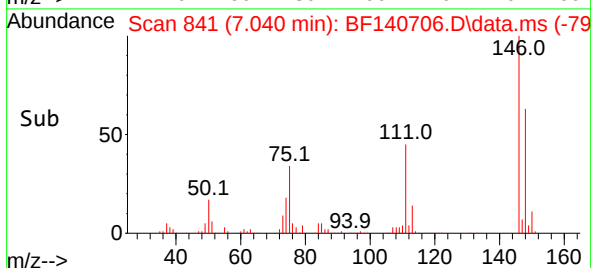
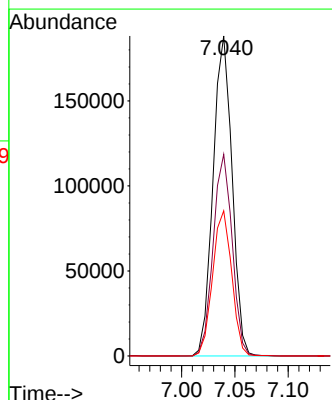
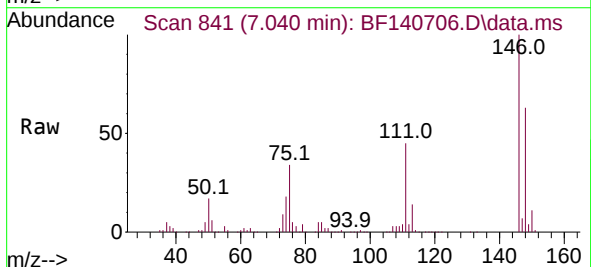
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 47.030 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

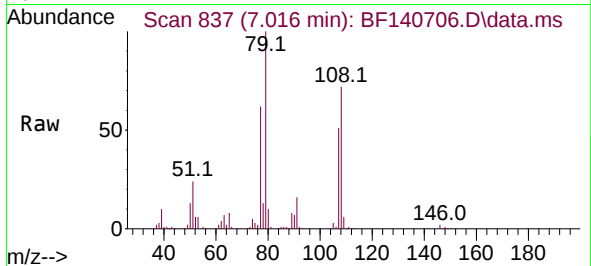
Tgt Ion:146 Resp: 233095
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
111 45.4 36.7 55.1





#15
Benzyl Alcohol
Concen: 49.694 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

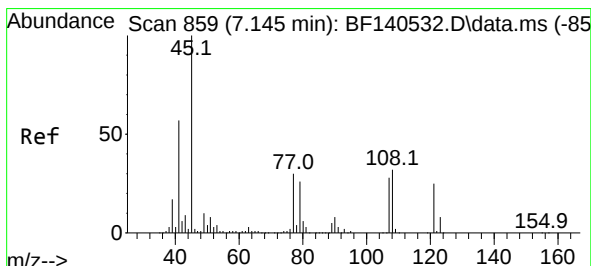
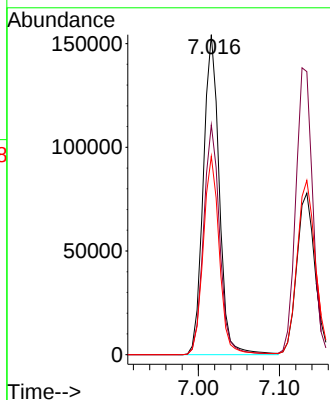
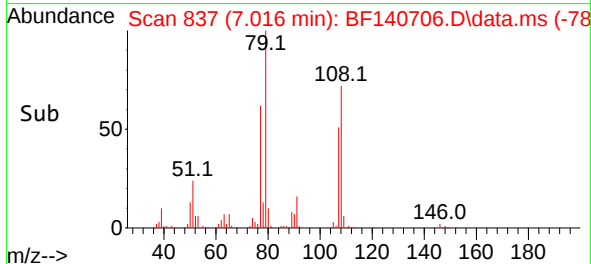
Instrument :
BNA_F
ClientSampleId :
PB165316BS



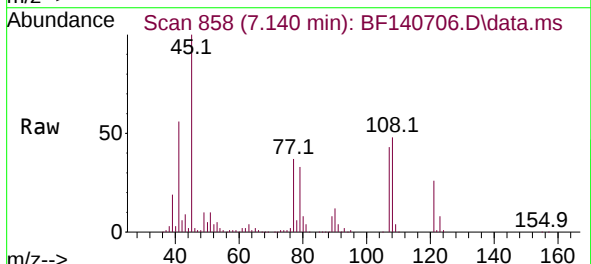
Tgt Ion: 79 Resp: 210538
Ion Ratio Lower Upper
79 100
108 71.8 55.0 82.6
77 62.0 50.1 75.1

Manual Integrations
APPROVED

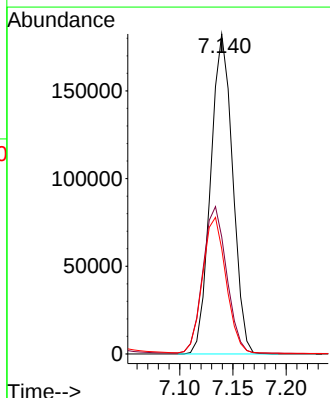
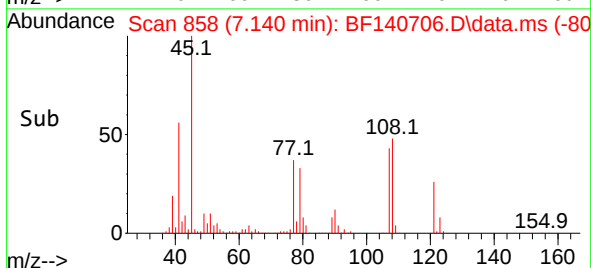
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

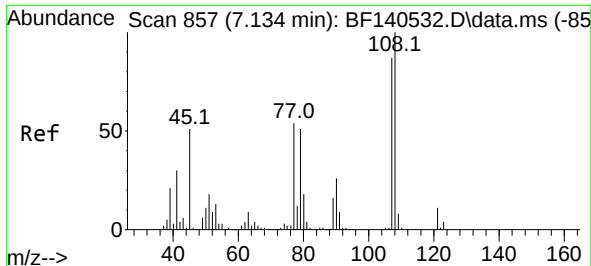


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.612 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14



Tgt Ion: 45 Resp: 261672
Ion Ratio Lower Upper
45 100
77 36.6 10.7 50.7
79 32.8 7.0 47.0





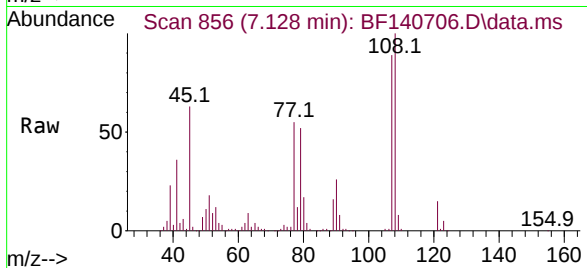
#17
2-Methylphenol
Concen: 47.523 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

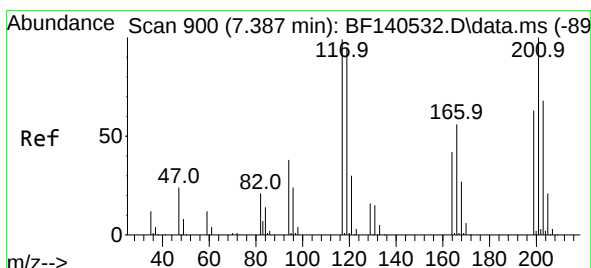
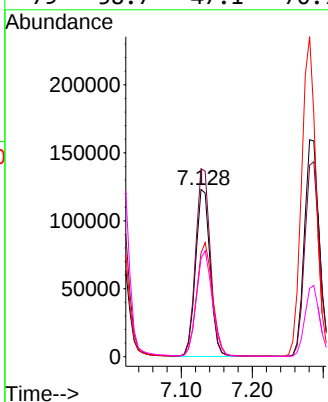
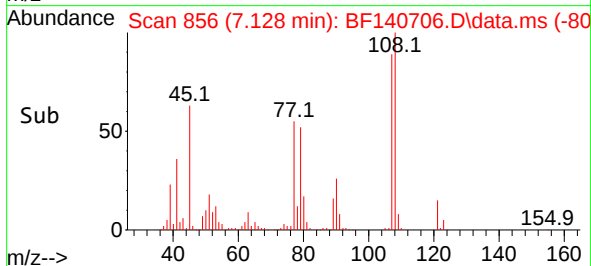


Tgt Ion:107 Resp: 17685
Ion Ratio Lower Upper
107 100
108 112.5 91.7 137.5
77 62.0 49.3 73.9
79 58.7 47.1 70.7

Manual Integrations

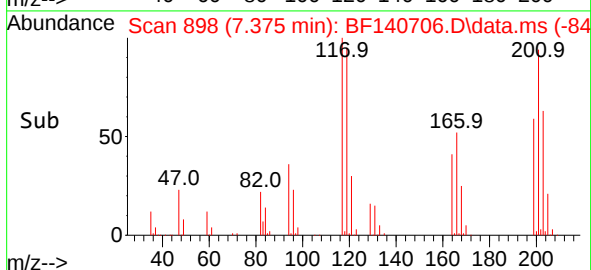
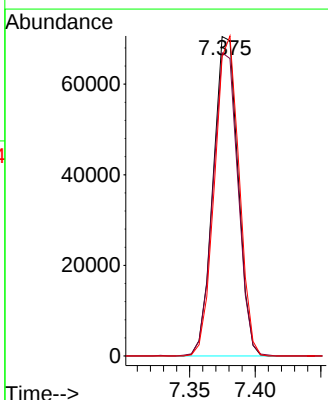
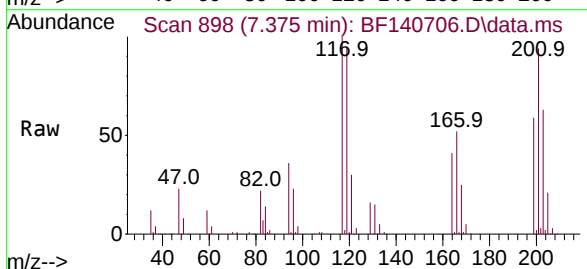
APPROVED

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



#18
Hexachloroethane
Concen: 46.911 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion:117 Resp: 92673
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
201 93.7 81.1 121.7





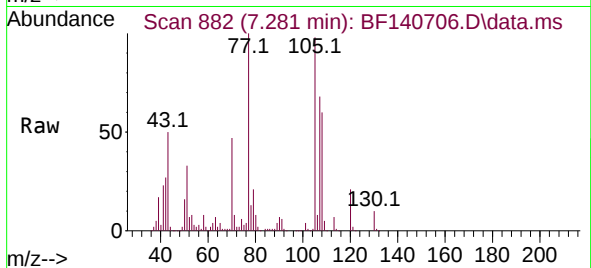
#19
n-Nitroso-di-n-propylamine
Concen: 48.190 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

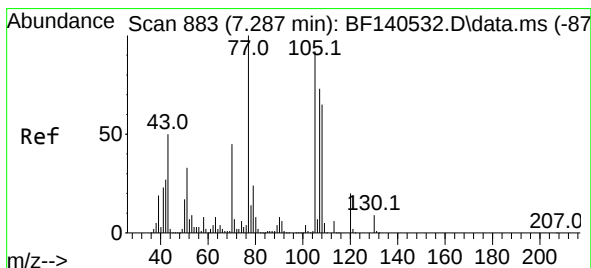
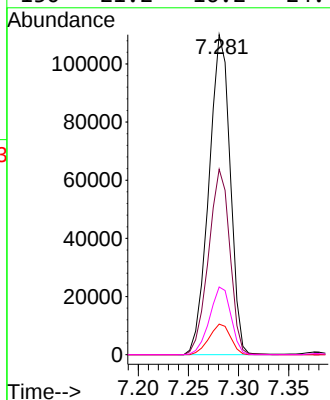
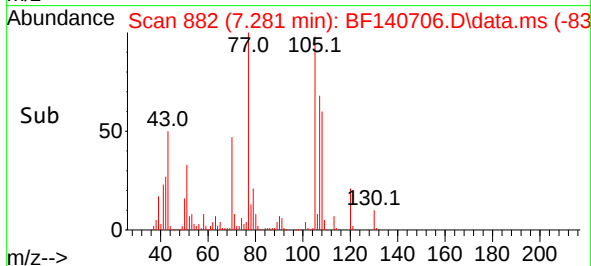
PB165316BS



Tgt Ion: 70 Resp: 16270
Ion Ratio Lower Upper
70 100
42 58.0 47.6 71.4
101 9.6 7.6 11.4
130 21.2 16.2 24.4

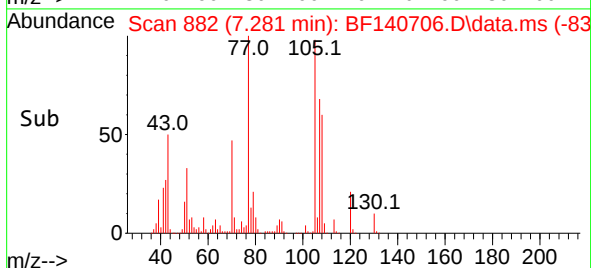
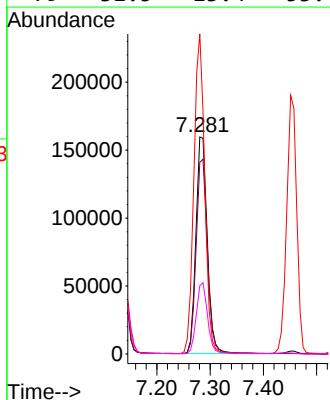
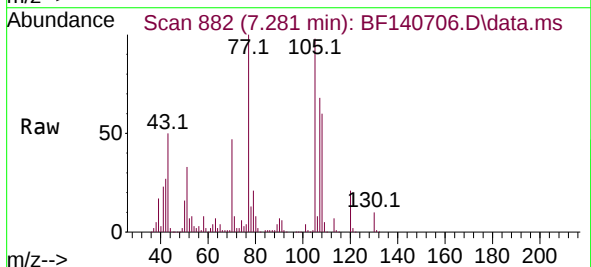
Manual Integrations
APPROVED

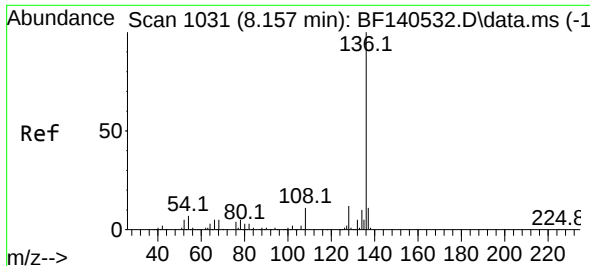
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#20
3+4-Methylphenols
Concen: 49.172 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion:107 Resp: 235212
Ion Ratio Lower Upper
107 100
108 88.3 69.9 109.9
77 147.5 117.7 157.7
79 31.5 13.4 53.4





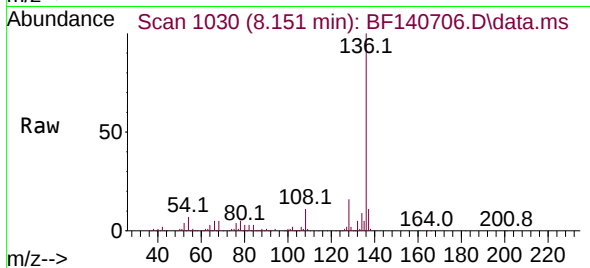
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

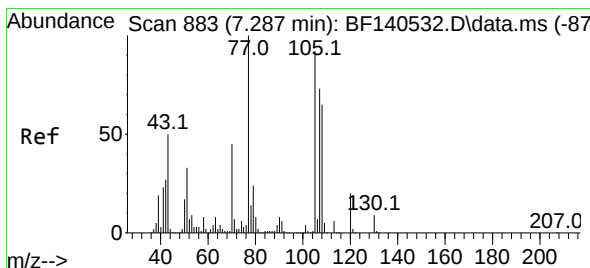
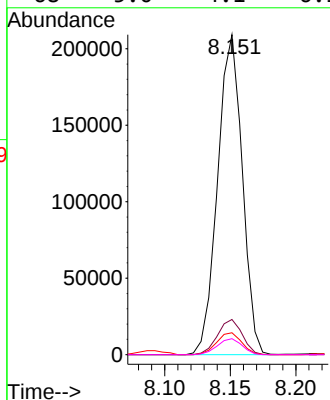
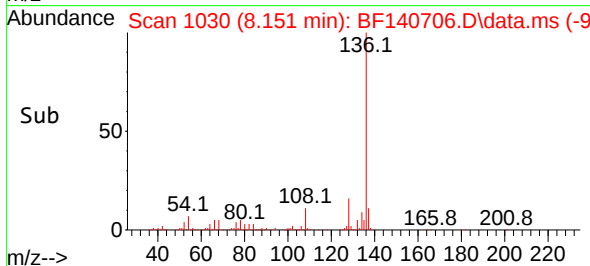


Tgt Ion:136 Resp: 27367
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.9 5.8 8.8
68 5.0 4.1 6.1

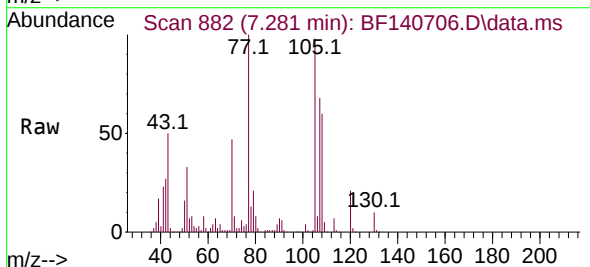
Manual Integrations

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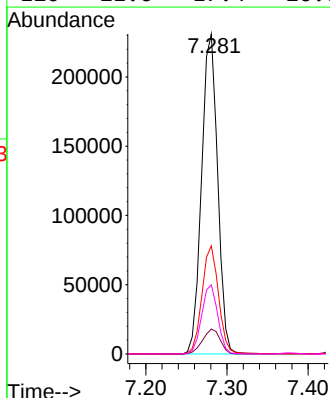
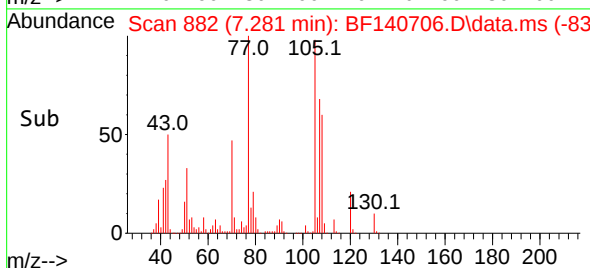
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#22
Acetophenone
Concen: 47.536 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14



Tgt Ion:105 Resp: 317164
Ion Ratio Lower Upper
105 100
71 7.8 6.2 9.2
51 33.8 29.0 43.6
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 91.708 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

Tgt Ion: 82 Resp: 490670

Ion Ratio Lower Upper

82 100

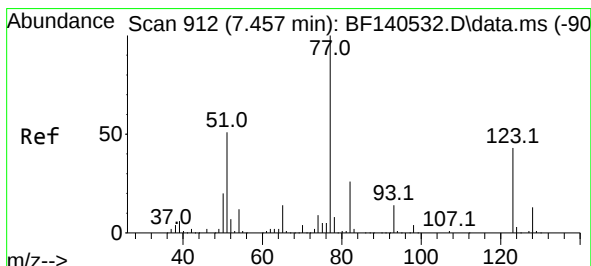
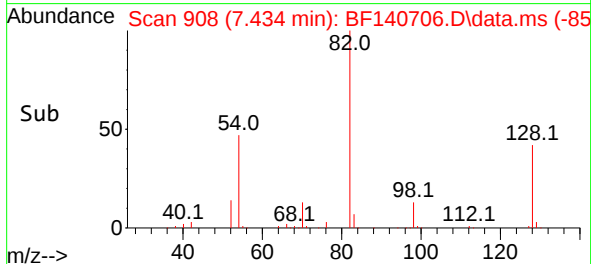
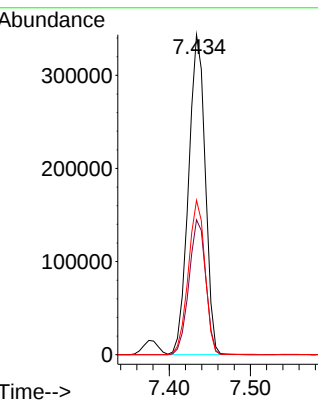
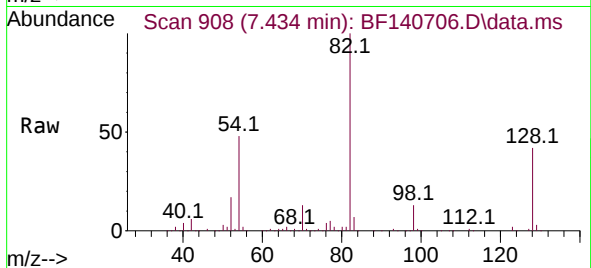
128 42.2 33.0 49.4

54 48.2 39.5 59.3

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 45.138 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

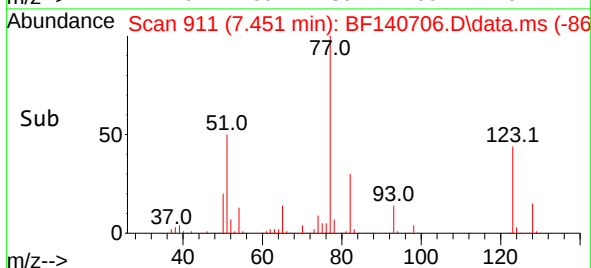
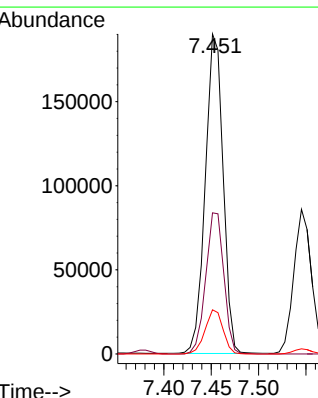
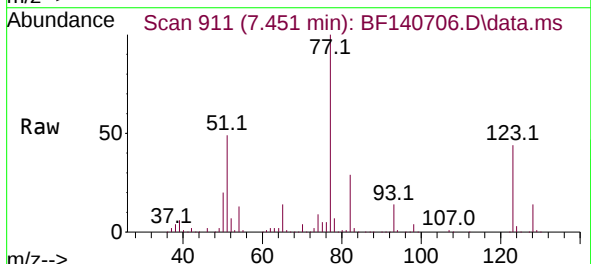
Tgt Ion: 77 Resp: 249605

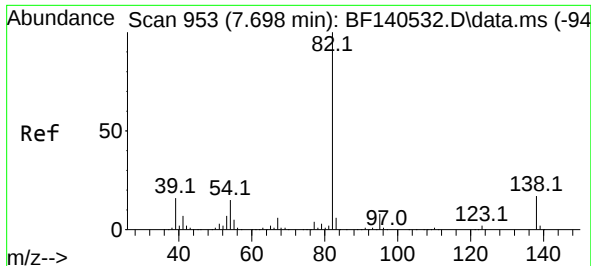
Ion Ratio Lower Upper

77 100

123 44.1 34.3 51.5

65 13.8 11.2 16.8





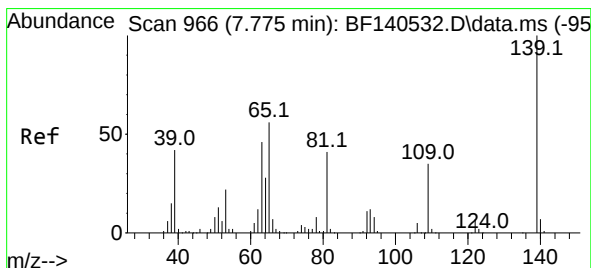
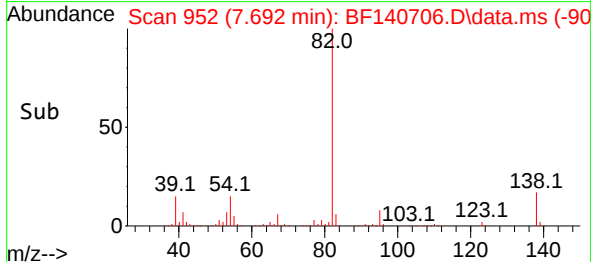
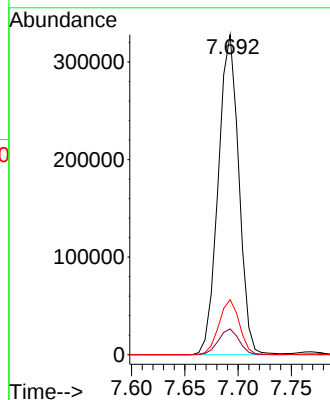
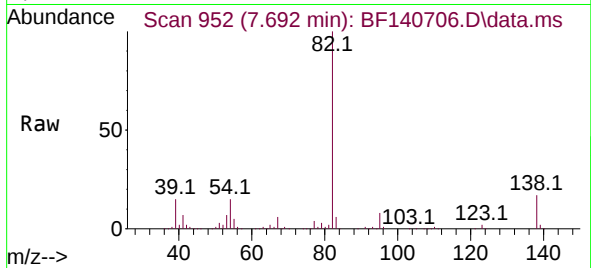
#25
Isophorone
Concen: 49.307 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :
BNA_F
ClientSampleId :
PB165316BS

Tgt Ion: 82 Resp: 44001
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.2 13.8 20.6

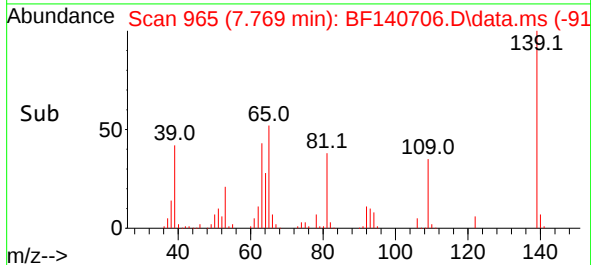
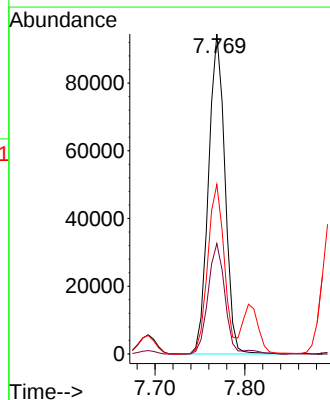
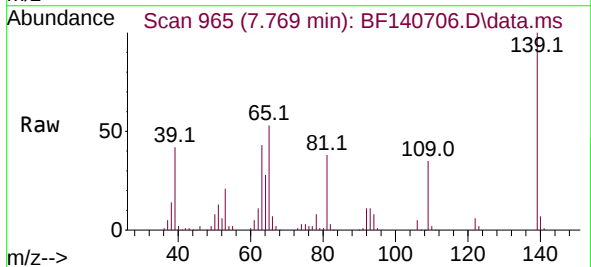
Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#26
2-Nitrophenol
Concen: 49.038 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion:139 Resp: 120169
Ion Ratio Lower Upper
139 100
109 34.5 28.0 42.0
65 53.0 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 62.295 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

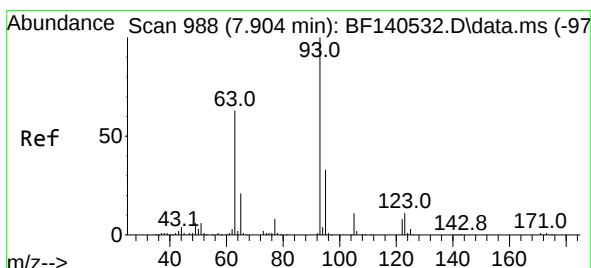
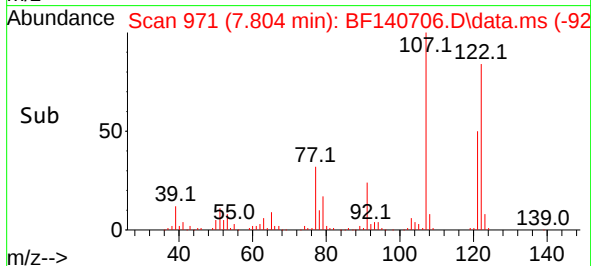
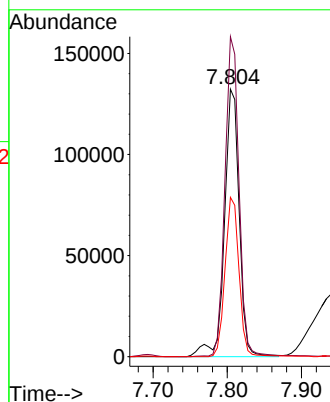
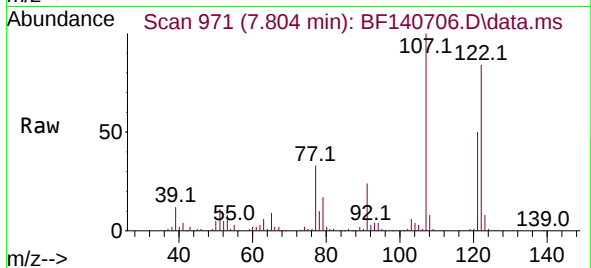
PB165316BS

Tgt Ion:122 Resp: 182650
Ion Ratio Lower Upper
122 100
107 119.6 96.8 145.2
121 59.5 47.4 71.0

Manual Integrations

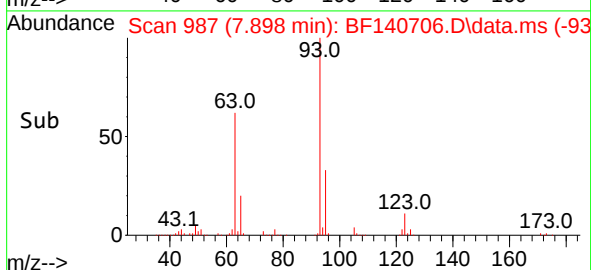
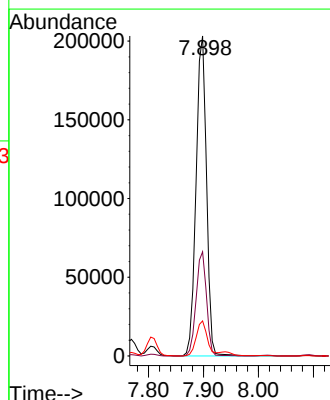
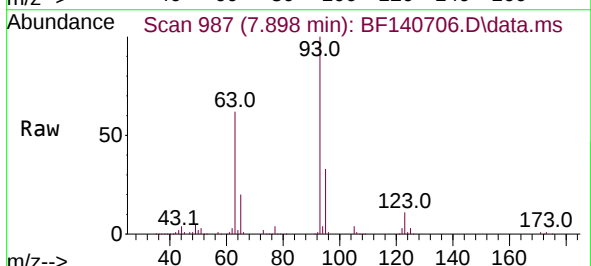
APPROVED

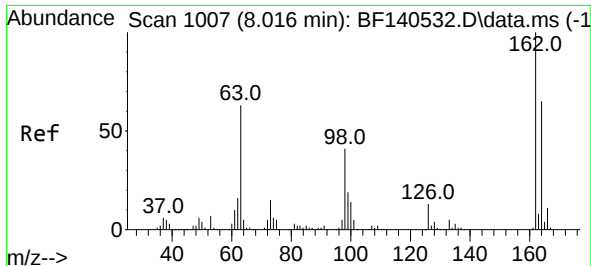
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.304 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion: 93 Resp: 268042
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.488 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

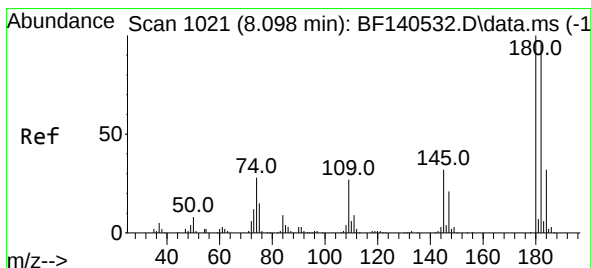
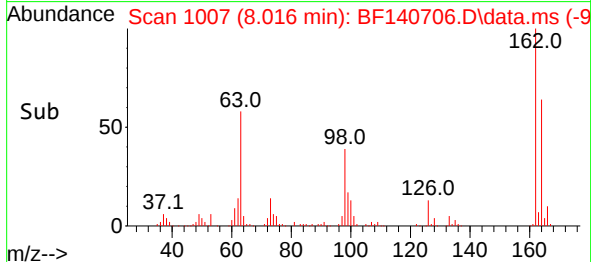
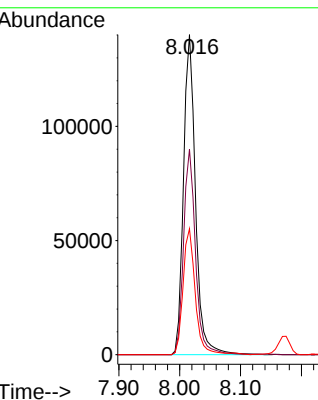
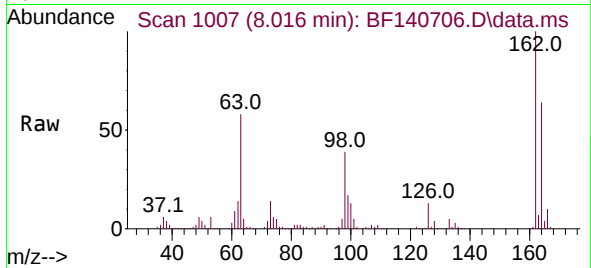
PB165316BS

Tgt Ion:162 Resp: 192270
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.8 84.8
 98 39.4 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: 45.964 ng

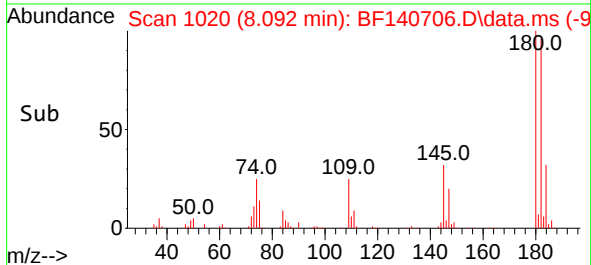
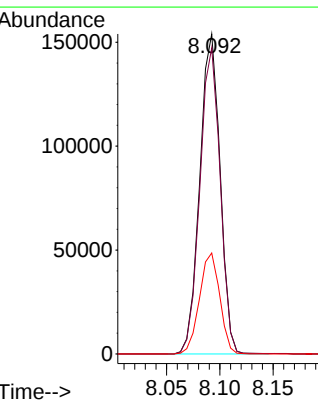
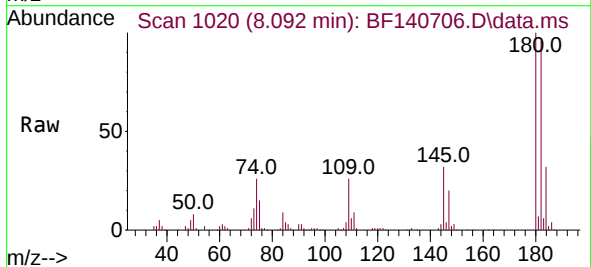
RT: 8.092 min Scan# 1020

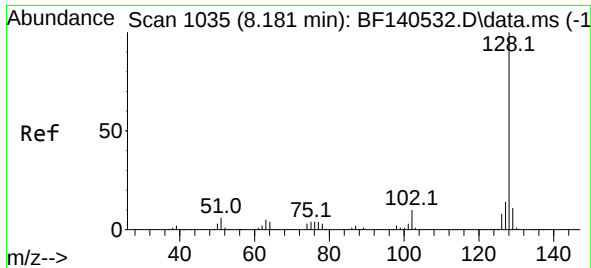
Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Tgt Ion:180 Resp: 203893
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 145 31.5 25.9 38.9





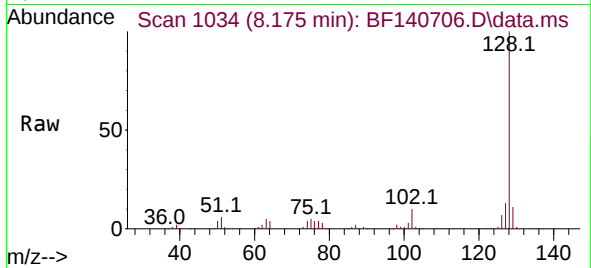
#31
Naphthalene
Concen: 47.211 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

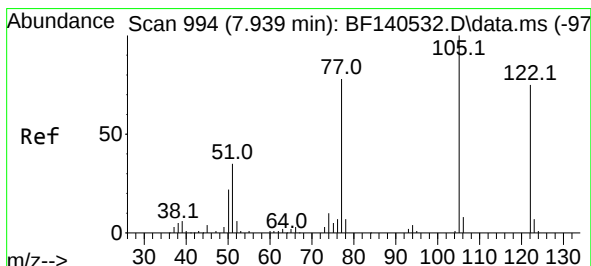
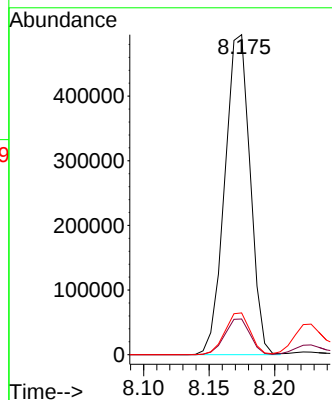
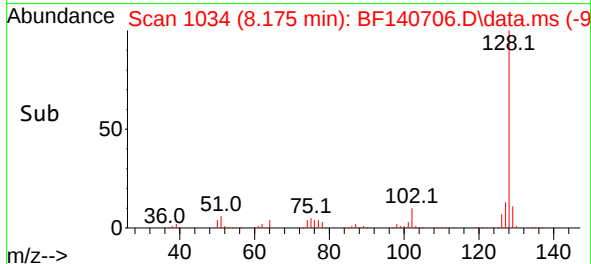


Tgt Ion:128 Resp: 66550
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 10.8 16.2

Manual Integrations

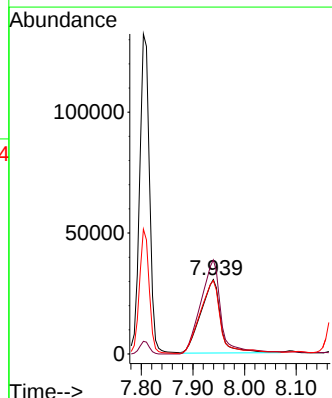
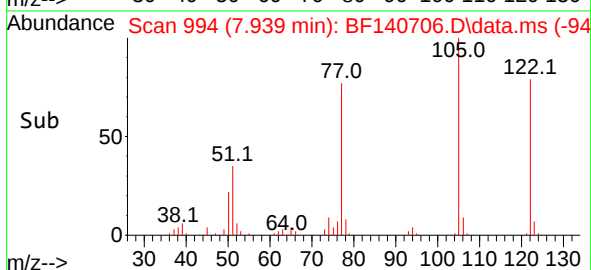
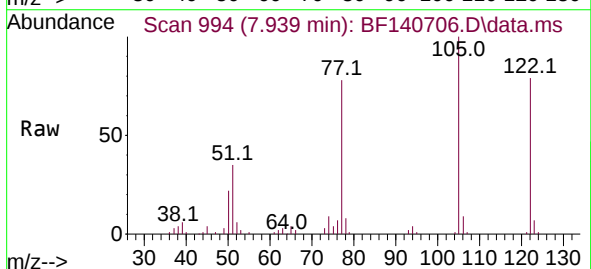
APPROVED

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



#32
Benzoic acid
Concen: 34.328 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion:122 Resp: 81441
Ion Ratio Lower Upper
122 100
105 126.6 109.3 149.3
77 98.9 82.3 122.3





#33
4-Chloroaniline
Concen: 23.391 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

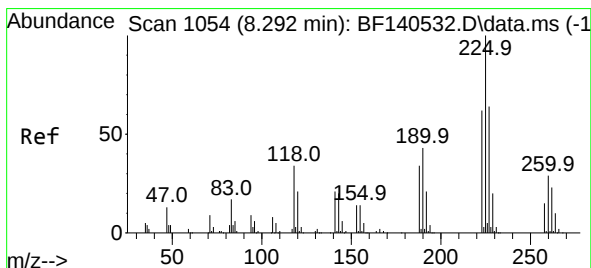
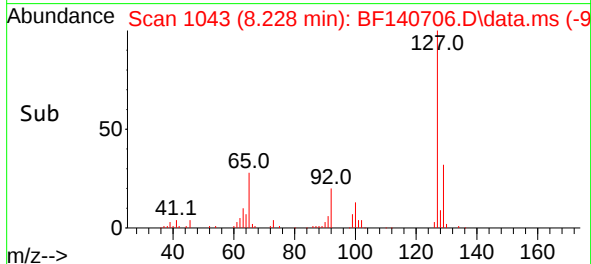
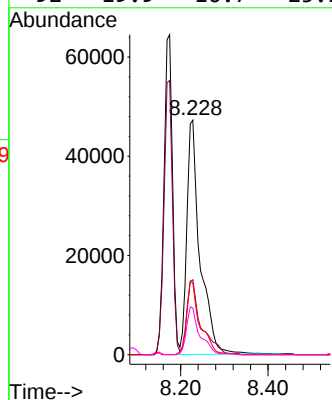
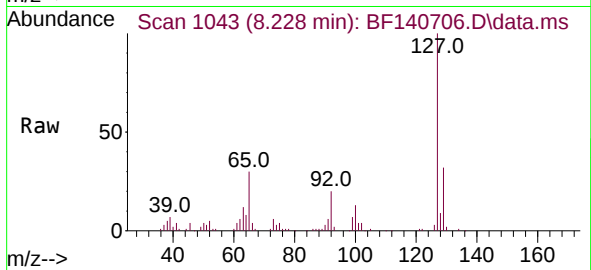
ClientSampleId :

PB165316BS

Tgt Ion:127 Resp: 98725
Ion Ratio Lower Upper
127 100
129 31.9 26.0 39.0
65 30.5 26.0 39.0
92 19.9 16.7 25.1

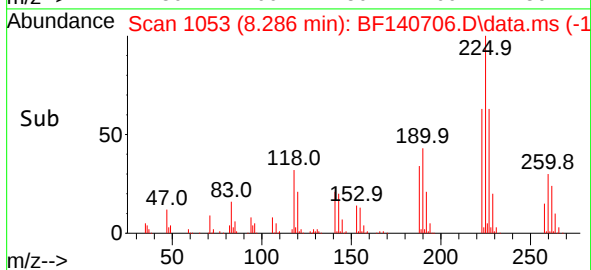
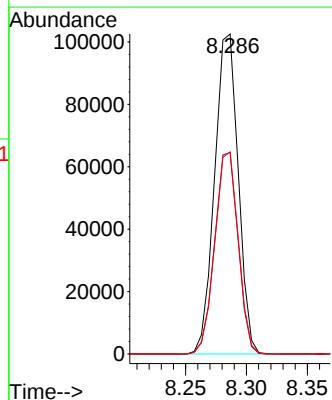
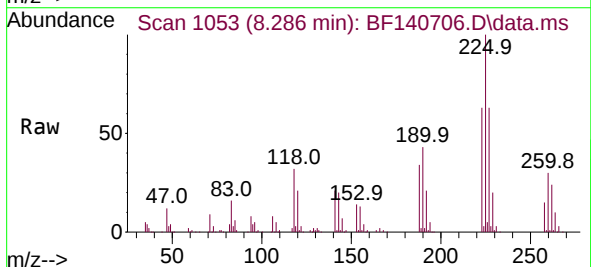
Manual Integrations
APPROVED

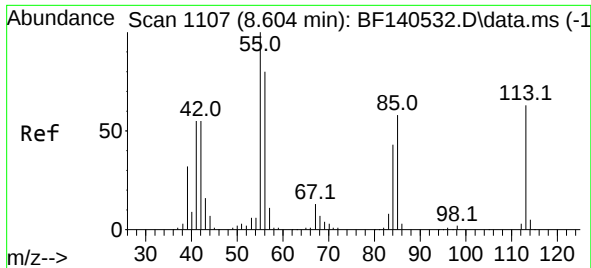
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#34
Hexachlorobutadiene
Concen: 47.089 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion:225 Resp: 138356
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.8
227 63.2 51.3 76.9





#35
Caprolactam
Concen: 47.859 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

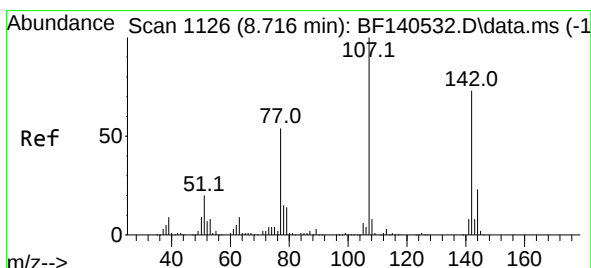
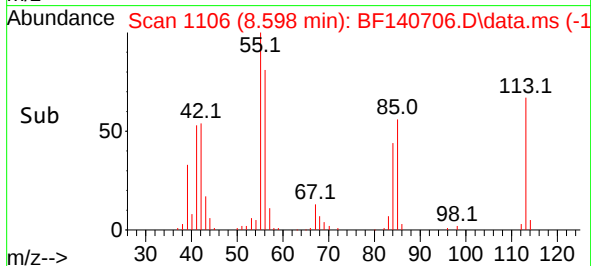
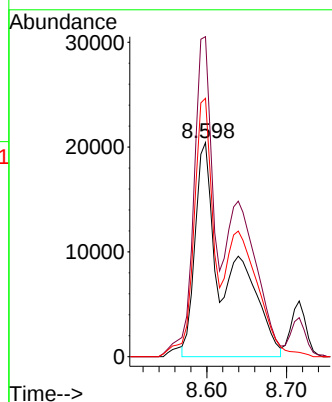
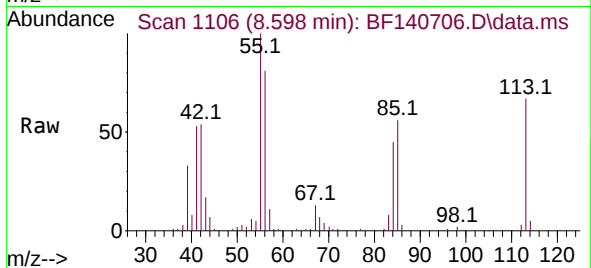
ClientSampleId :

PB165316BS

Tgt Ion:113 Resp: 5754
Ion Ratio Lower Upper
113 100
55 149.5 137.7 177.7
56 120.7 106.4 146.4

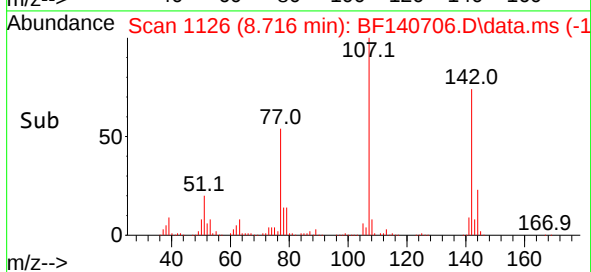
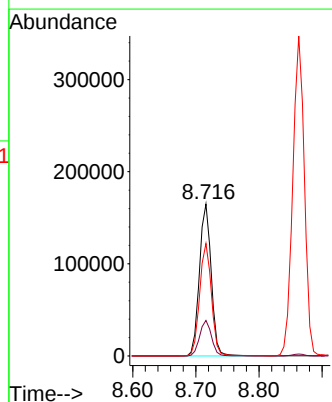
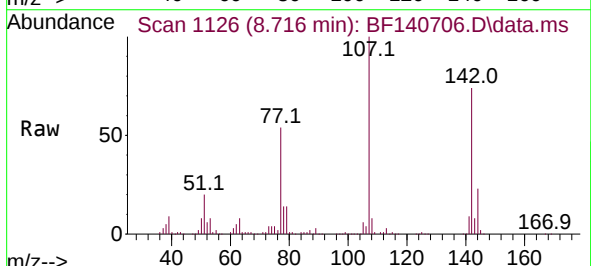
Manual Integrations
APPROVED

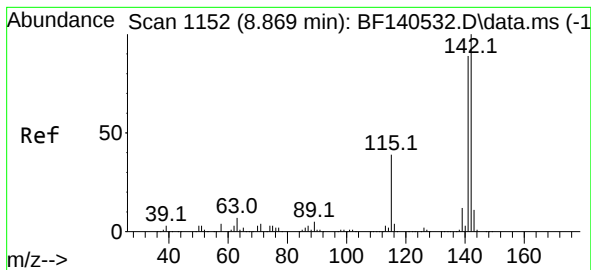
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#36
4-Chloro-3-methylphenol
Concen: 49.264 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

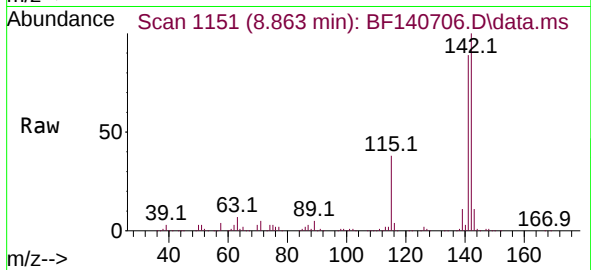
Tgt Ion:107 Resp: 214295
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 74.1 58.3 87.5





#37
2-Methylnaphthalene
Concen: 49.636 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

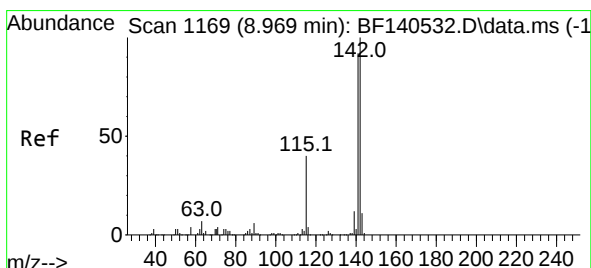
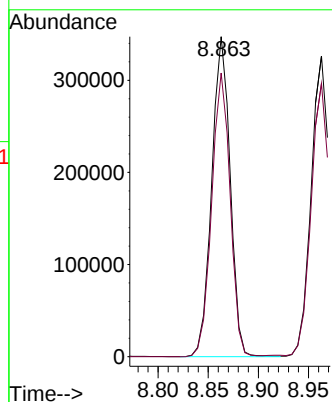
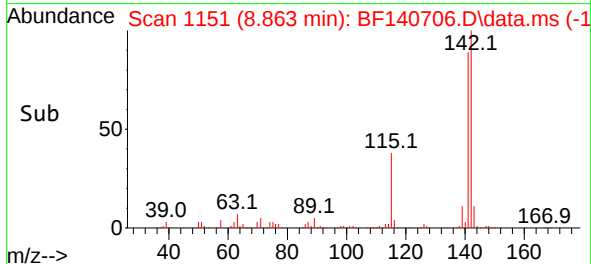
Instrument :
BNA_F
ClientSampleId :
PB165316BS



Tgt Ion:142 Resp: 444414
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6

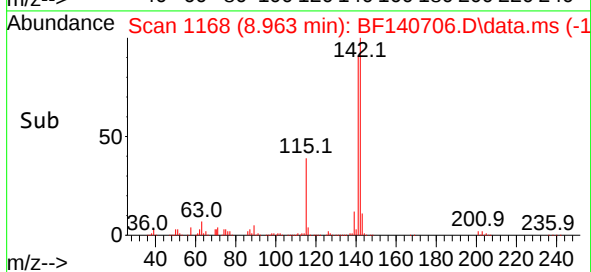
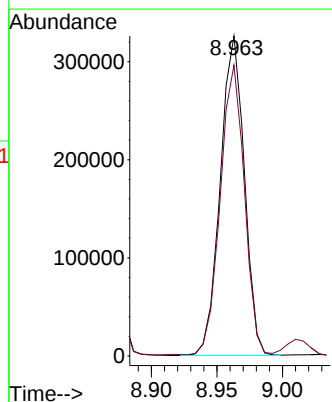
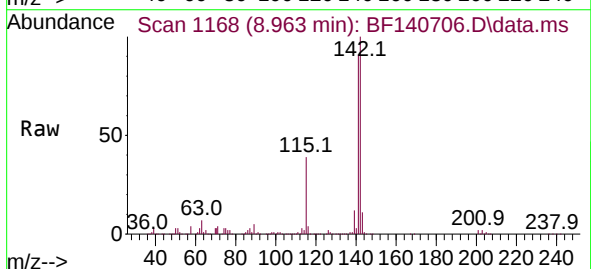
Manual Integrations
APPROVED

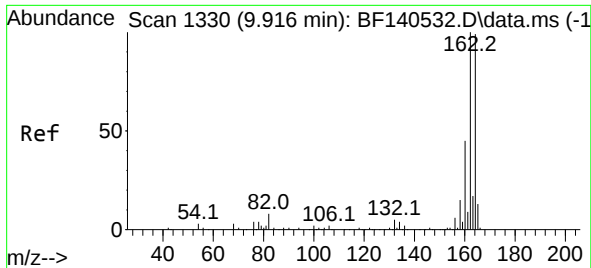
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#38
1-Methylnaphthalene
Concen: 47.278 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

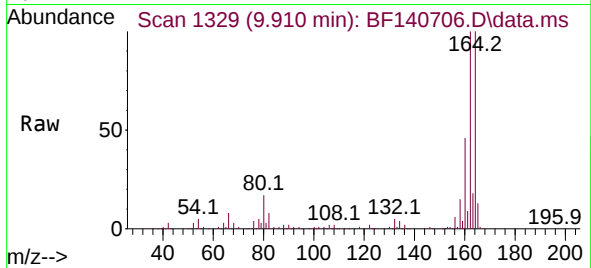
Tgt Ion:142 Resp: 414924
Ion Ratio Lower Upper
142 100
141 90.9 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

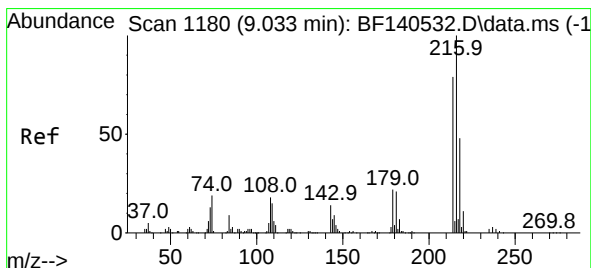
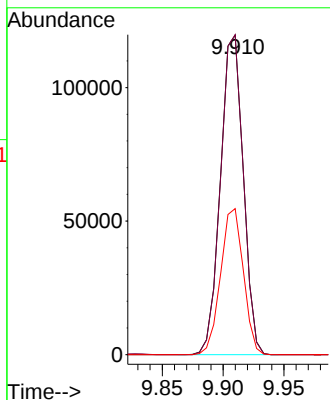
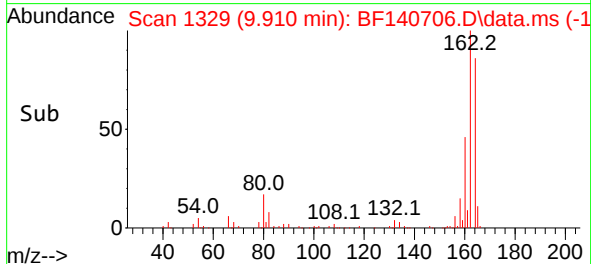
Instrument :
BNA_F
ClientSampleId :
PB165316BS



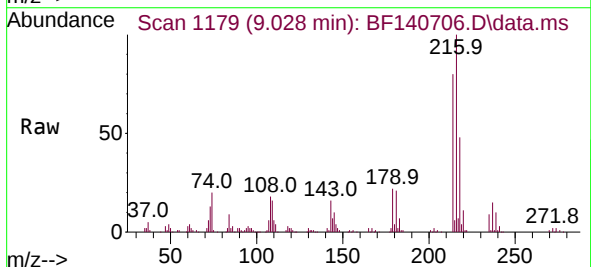
Tgt Ion:164 Resp: 15619
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 45.7 36.2 54.4

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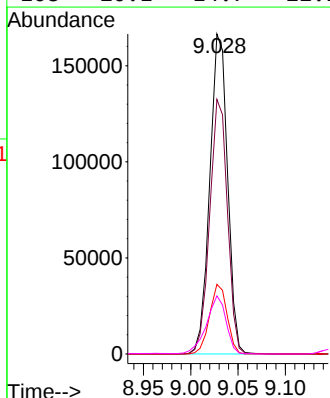
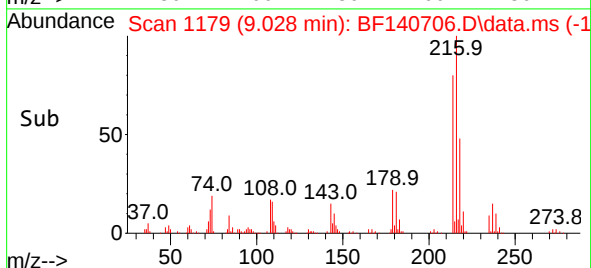
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.531 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14



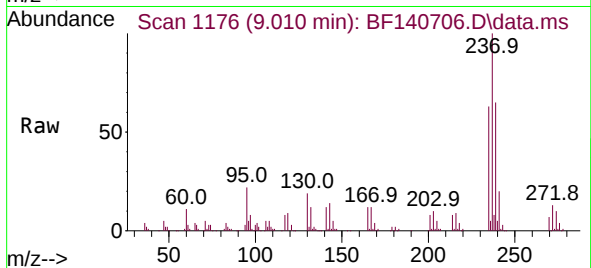
Tgt Ion:216 Resp: 217334
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.4
179 21.4 17.5 26.3
108 20.1 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 165.959 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

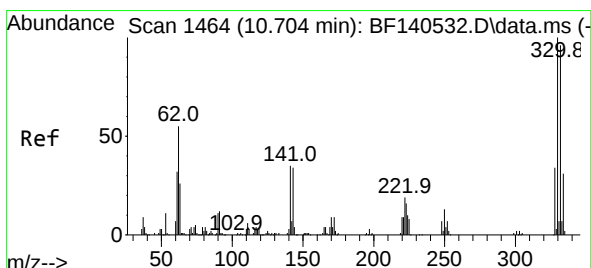
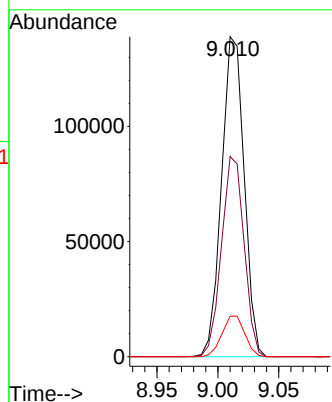
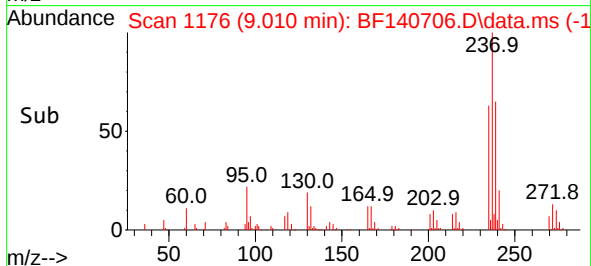
Instrument :
BNA_F
ClientSampleId :
PB165316BS



Tgt Ion:237 Resp: 17943
Ion Ratio Lower Upper
237 100
235 62.6 41.1 81.1
272 12.7 0.0 32.6

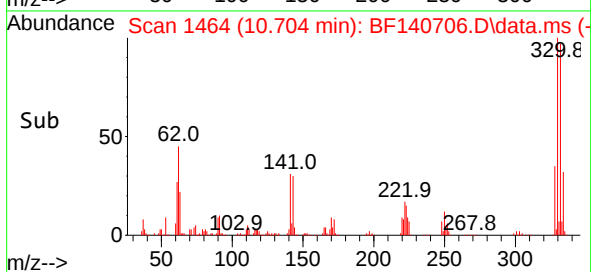
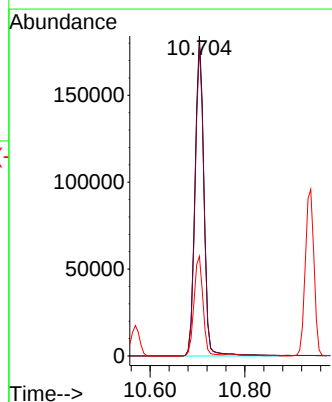
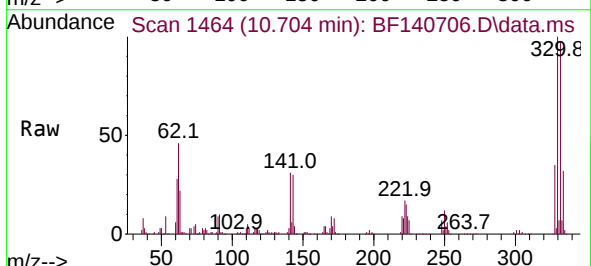
Manual Integrations
APPROVED

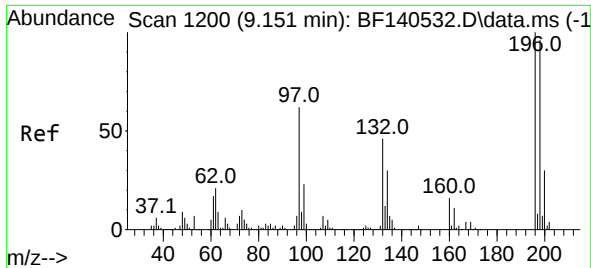
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#42
2,4,6-Tribromophenol
Concen: 143.748 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

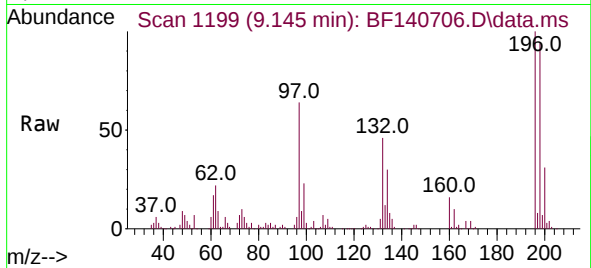
Tgt Ion:330 Resp: 240128
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 31.6 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 47.264 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

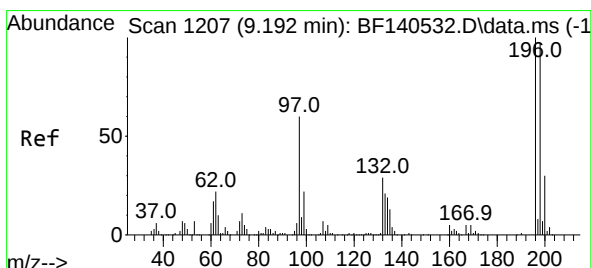
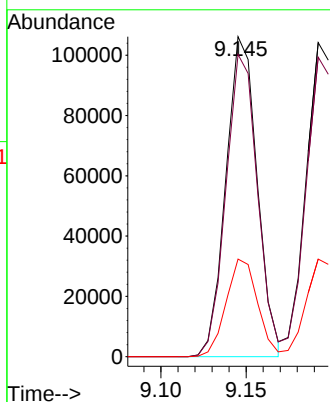
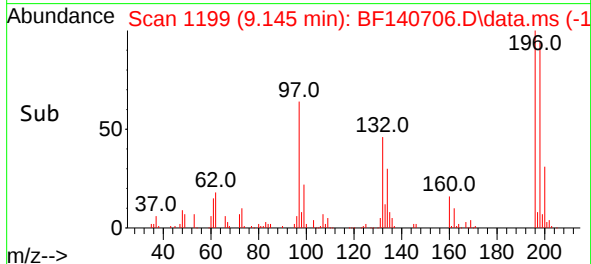
Instrument :
BNA_F
ClientSampleId :
PB165316BS



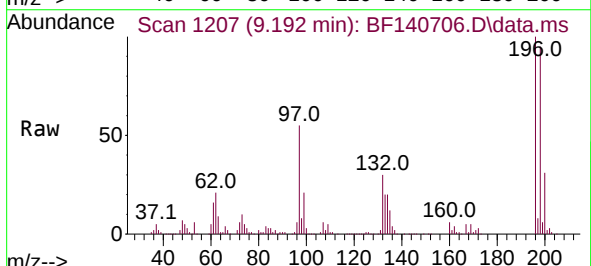
Tgt Ion:196 Resp: 135610
Ion Ratio Lower Upper
196 100
198 94.4 76.8 115.2
200 30.5 24.3 36.5

Manual Integrations
APPROVED

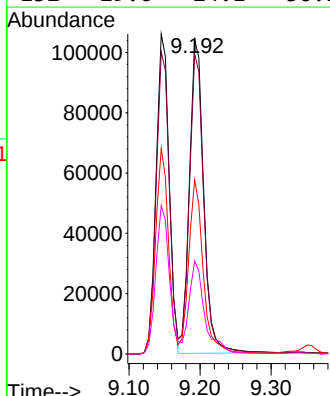
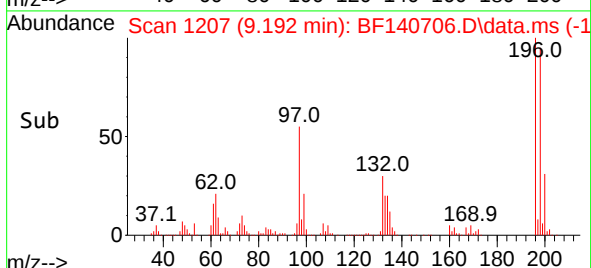
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

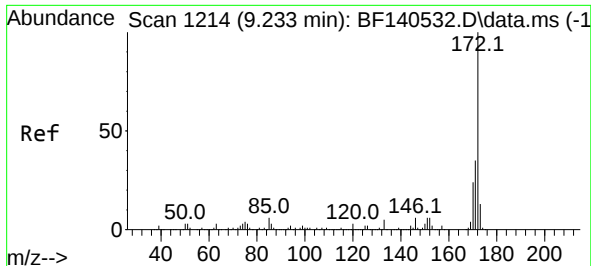


#44
2,4,5-Trichlorophenol
Concen: 47.041 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14



Tgt Ion:196 Resp: 146482
Ion Ratio Lower Upper
196 100
198 95.3 77.2 115.8
97 55.4 47.1 70.7
132 29.6 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 94.305 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

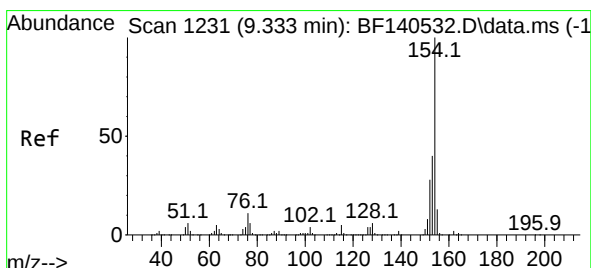
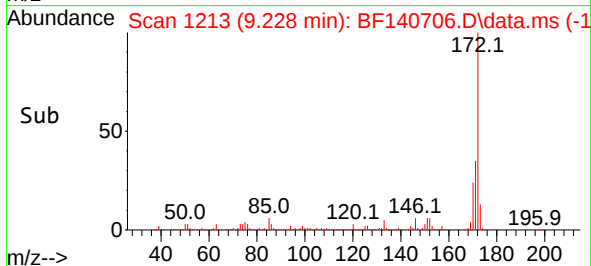
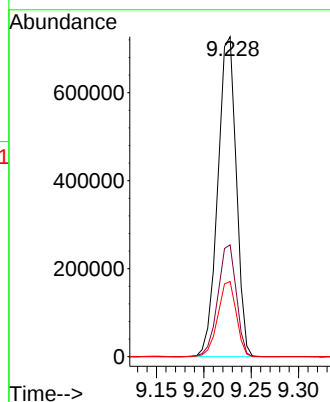
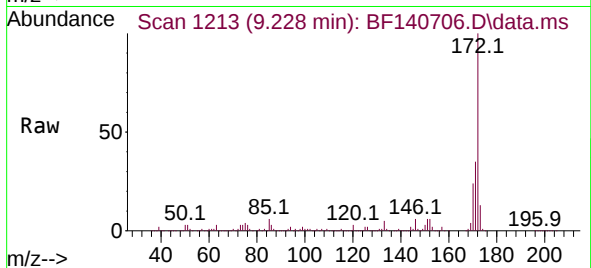
Tgt Ion:172 Resp: 988600

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.4	42.6
170	23.5	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: 47.877 ng

RT: 9.328 min Scan# 1230

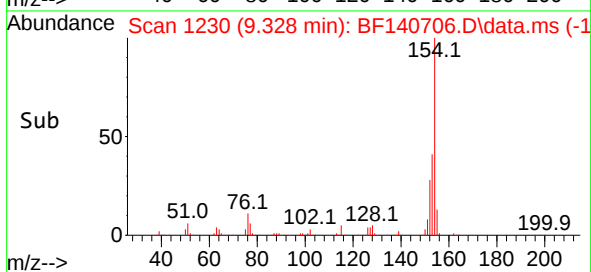
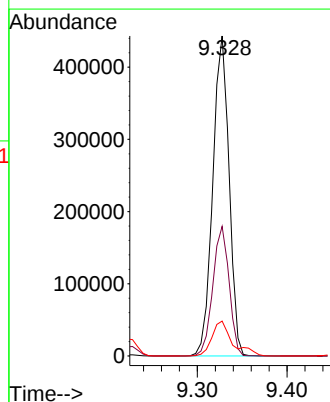
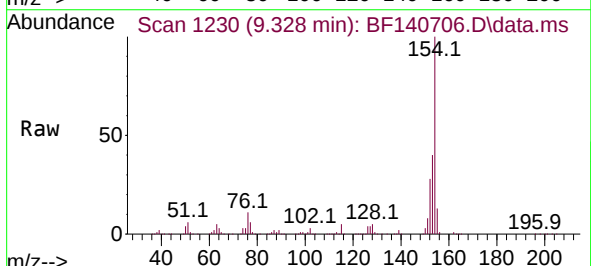
Delta R.T. -0.006 min

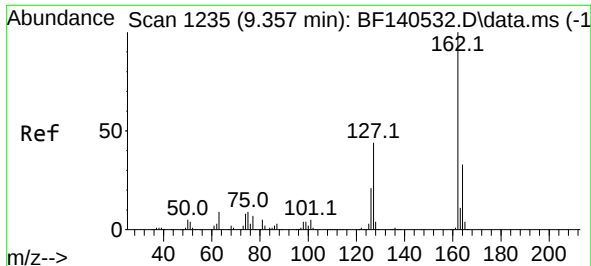
Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Tgt Ion:154 Resp: 558314

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	10.9	0.0	31.2





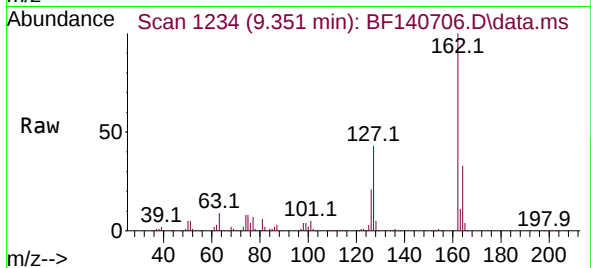
#47
2-Chloronaphthalene
Concen: 47.348 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

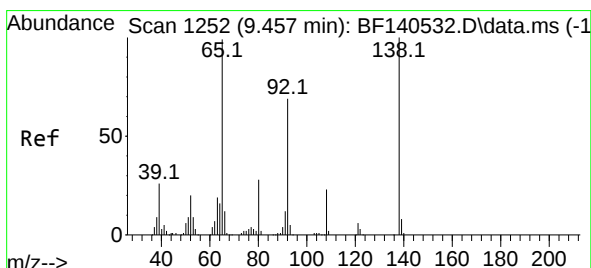
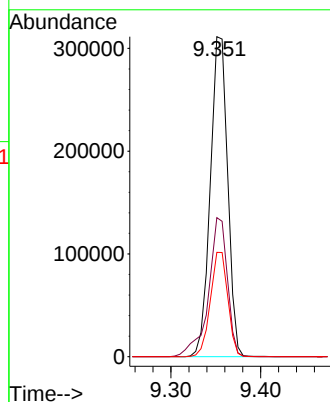
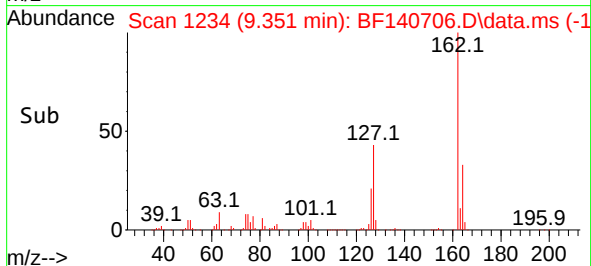


Tgt Ion:162 Resp: 418368
Ion Ratio Lower Upper
162 100
127 43.5 35.7 53.5
164 32.6 26.1 39.1

Manual Integrations

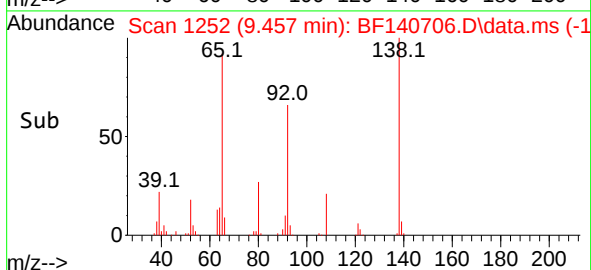
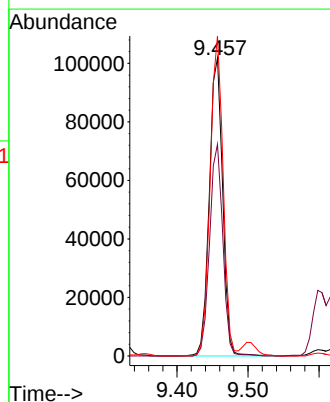
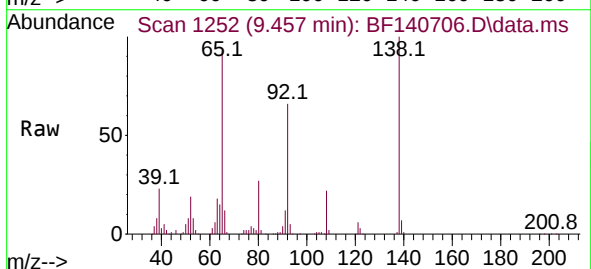
APPROVED

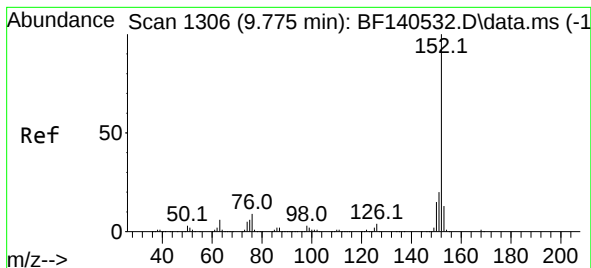
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#48
2-Nitroaniline
Concen: 46.997 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion: 65 Resp: 133294
Ion Ratio Lower Upper
65 100
92 71.0 56.1 84.1
138 107.4 81.0 121.6





#49

Acenaphthylene

Concen: 51.344 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

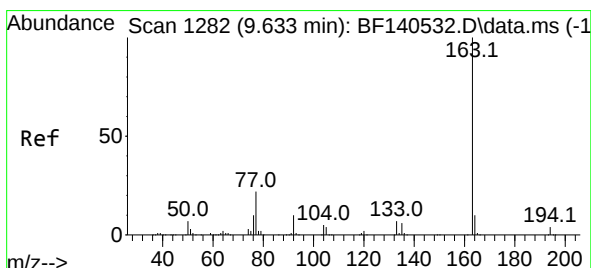
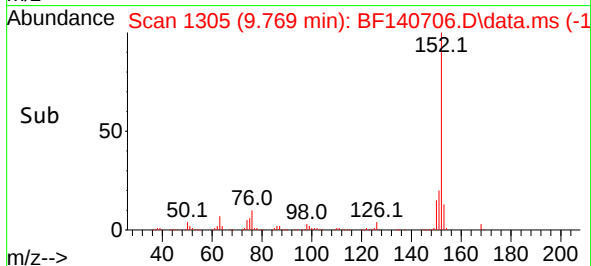
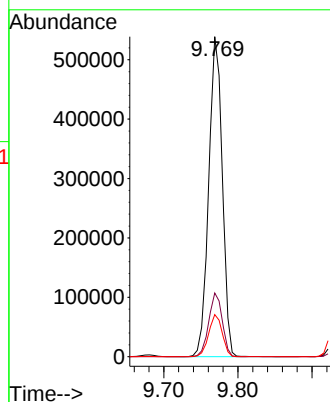
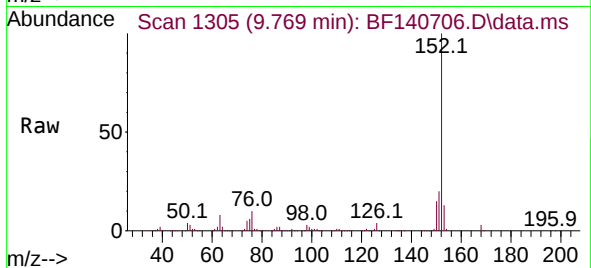
PB165316BS

Tgt Ion:152 Resp: 68547
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.9 23.9
 153 13.2 10.6 16.0

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 50.731 ng

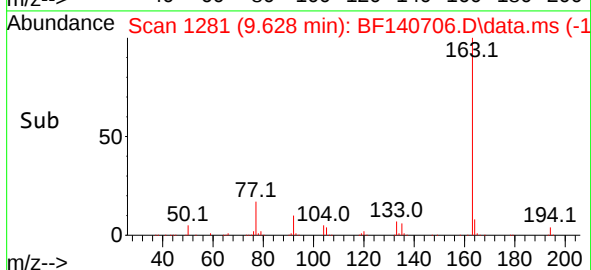
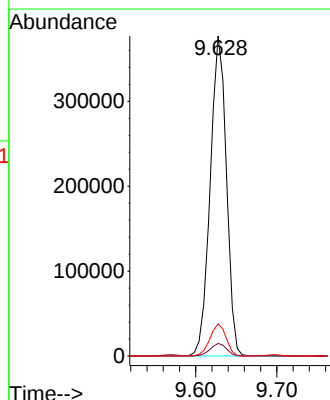
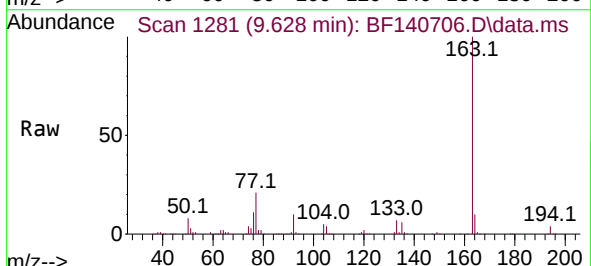
RT: 9.628 min Scan# 1281

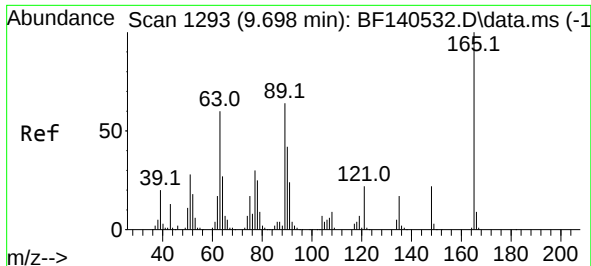
Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

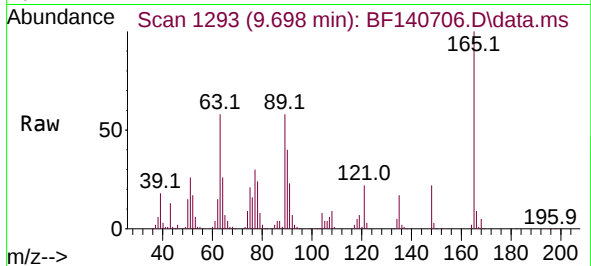
Tgt Ion:163 Resp: 521849
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.1 4.7
 164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.934 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

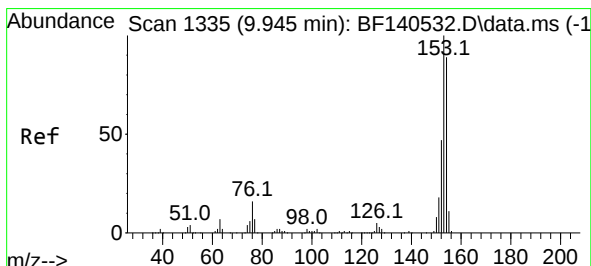
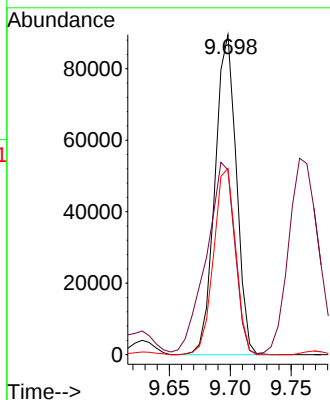
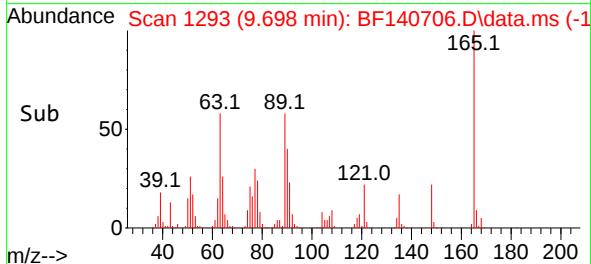
Instrument :
BNA_F
ClientSampleId :
PB165316BS



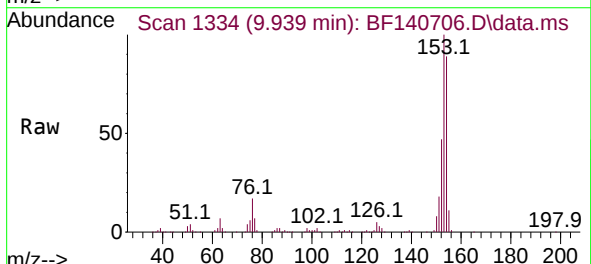
Tgt Ion:165 Resp: 10949
Ion Ratio Lower Upper
165 100
63 57.8 49.9 74.9
89 58.2 50.9 76.3

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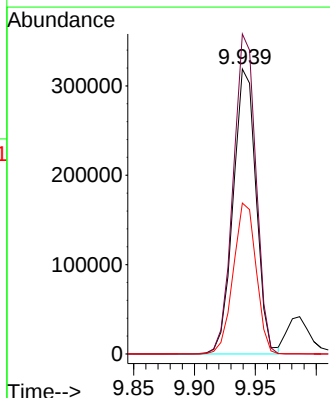
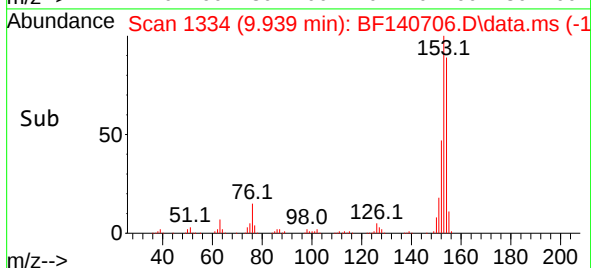
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

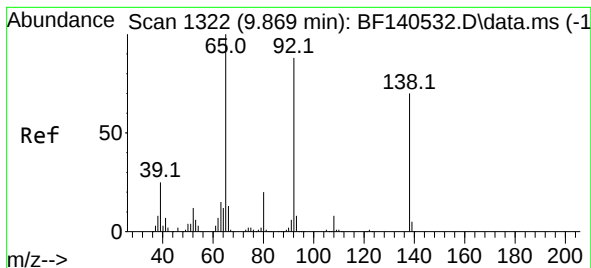


#52
Acenaphthene
Concen: 49.281 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14



Tgt Ion:154 Resp: 418046
Ion Ratio Lower Upper
154 100
153 112.3 89.7 134.5
152 52.9 42.5 63.7





#53

3-Nitroaniline

Concen: 28.837 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

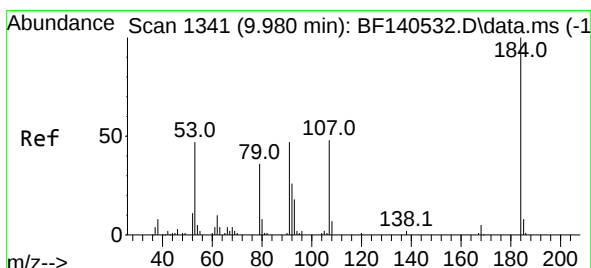
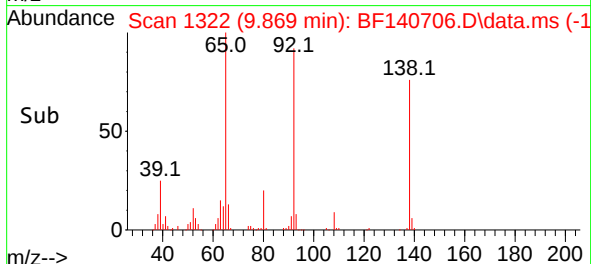
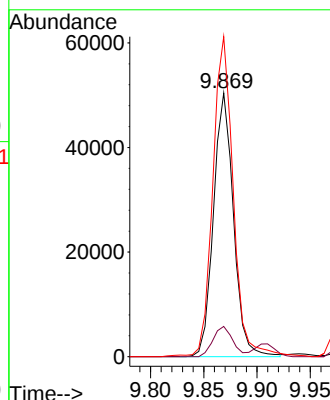
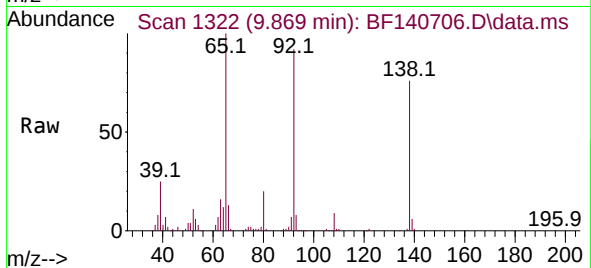
PB165316BS

Tgt Ion:138 Resp: 65798
 Ion Ratio Lower Upper
 138 100
 108 11.5 9.2 13.8
 92 121.3 100.6 150.8

Manual Integrations

APPROVED

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



#54

2,4-Dinitrophenol

Concen: 73.837 ng

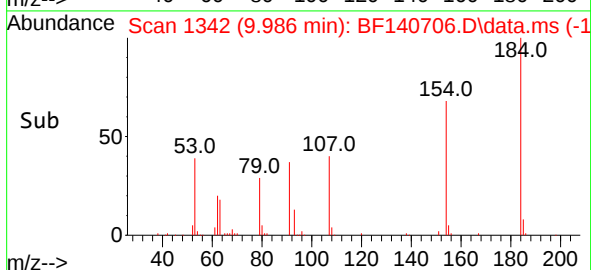
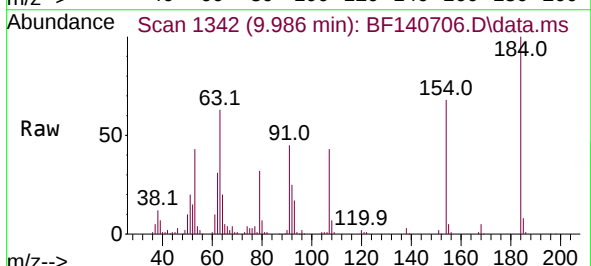
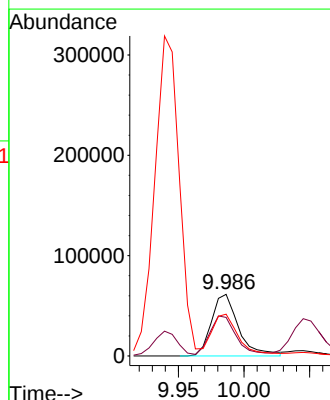
RT: 9.986 min Scan# 1342

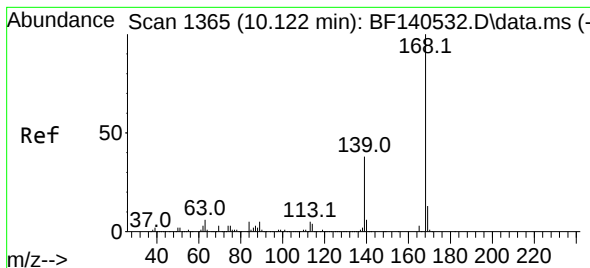
Delta R.T. 0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

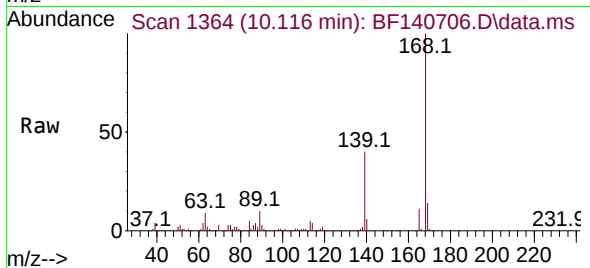
Tgt Ion:184 Resp: 88407
 Ion Ratio Lower Upper
 184 100
 63 62.6 54.1 81.1
 154 67.8 57.4 86.0





#55
Dibenzenofuran
Concen: 48.583 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

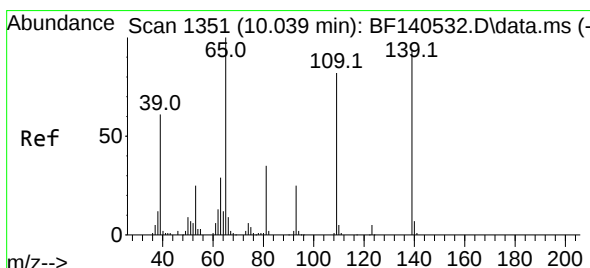
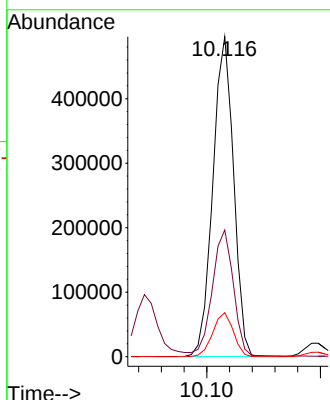
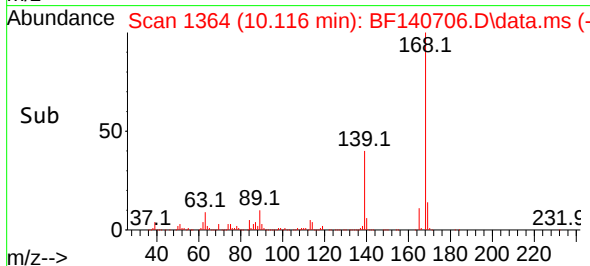
Instrument :
BNA_F
ClientSampleId :
PB165316BS



Tgt Ion:168 Resp: 628619
Ion Ratio Lower Upper
168 100
139 39.6 31.3 46.9
169 13.7 10.5 15.7

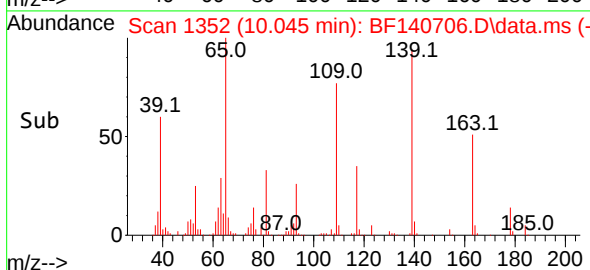
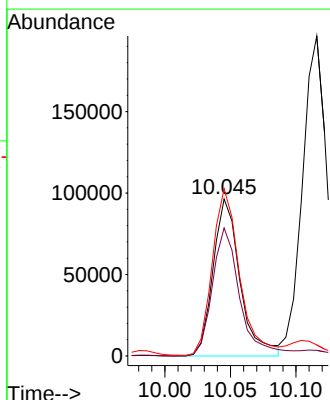
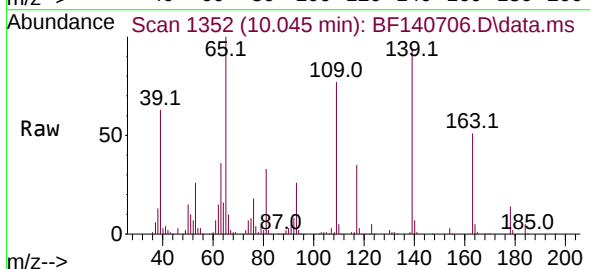
Manual Integrations
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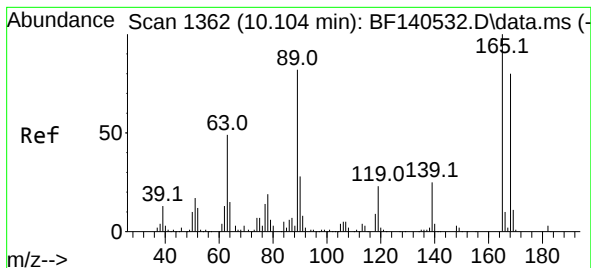
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#56
4-Nitrophenol
Concen: 88.766 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion:139 Resp: 138133
Ion Ratio Lower Upper
139 100
109 81.5 68.4 108.4
65 106.5 88.6 128.6





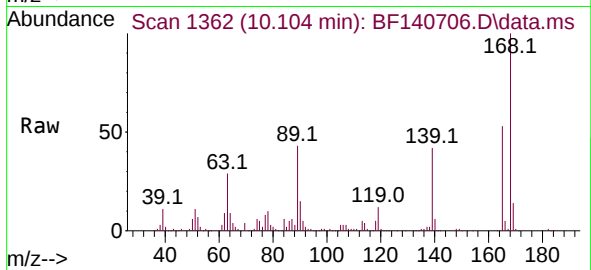
#57
2,4-Dinitrotoluene
Concen: 48.220 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

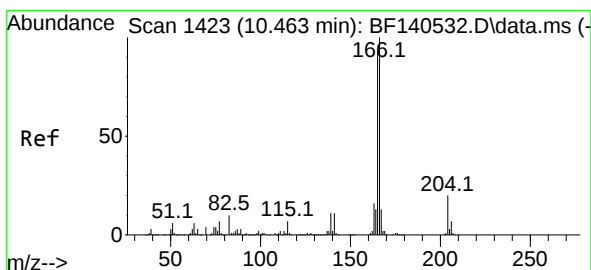
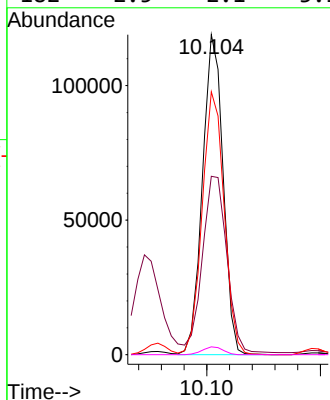
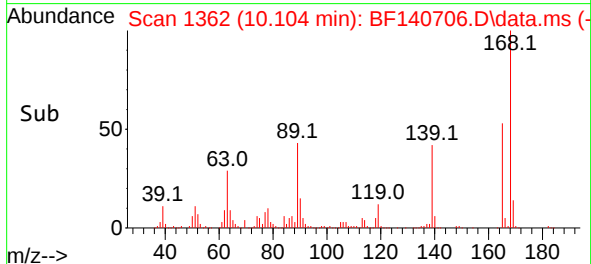


Tgt Ion:165 Resp: 149509
Ion Ratio Lower Upper
165 100
63 55.7 41.7 62.5
89 82.2 65.8 98.8
182 2.5 2.1 3.1

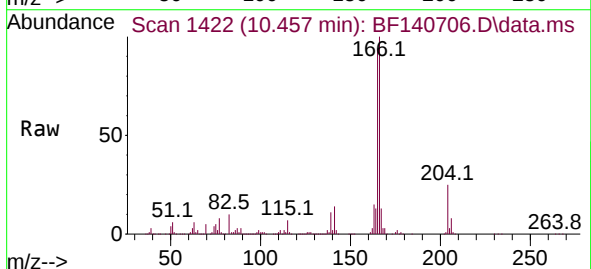
Manual Integrations

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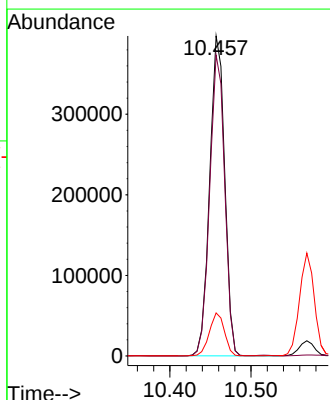
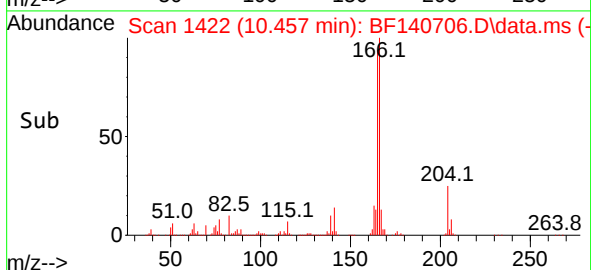
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

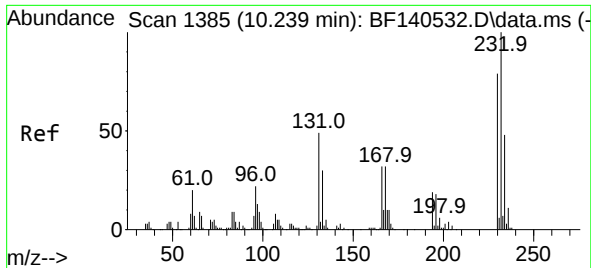


#58
Fluorene
Concen: 49.026 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14



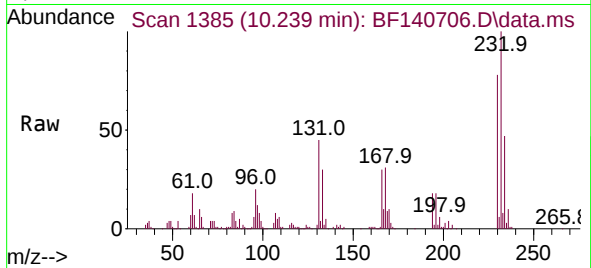
Tgt Ion:166 Resp: 509185
Ion Ratio Lower Upper
166 100
165 94.1 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.651 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

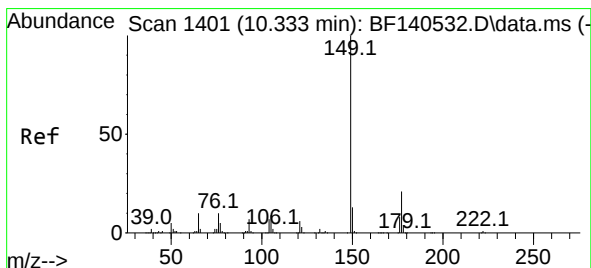
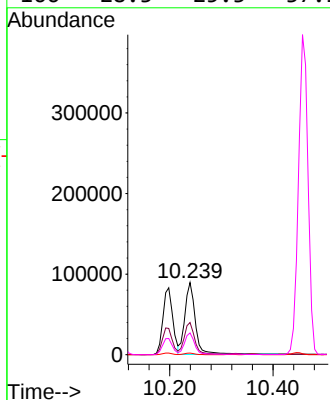
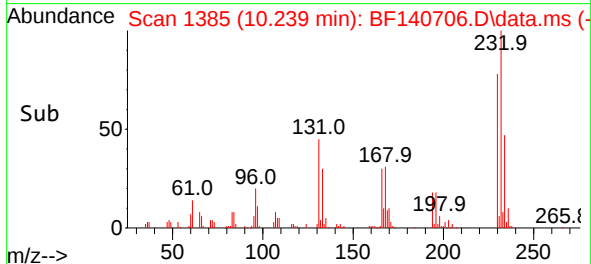
Instrument :
BNA_F
ClientSampleId :
PB165316BS



Tgt Ion:232 Resp: 126001
Ion Ratio Lower Upper
232 100
131 42.6 39.6 59.4
130 2.3 1.9 2.9
166 28.3 25.3 37.9

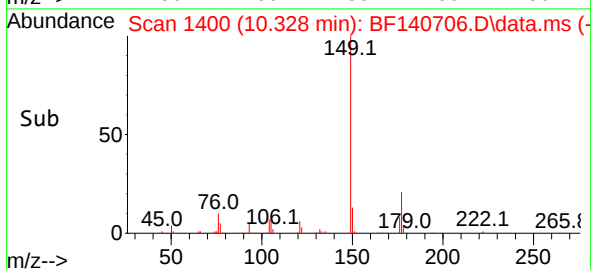
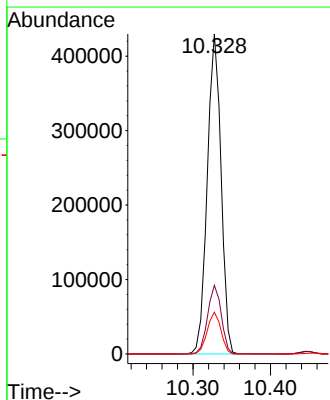
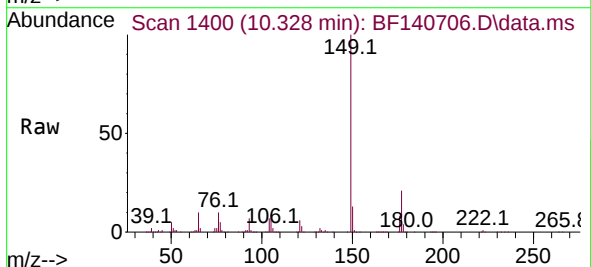
Manual Integrations
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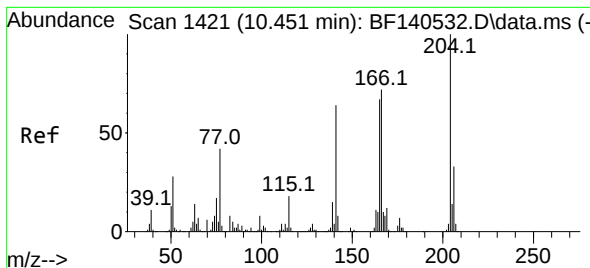
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#60
Diethylphthalate
Concen: 50.635 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion:149 Resp: 529207
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 13.0 10.1 15.1





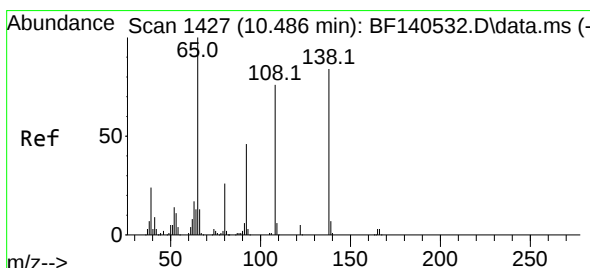
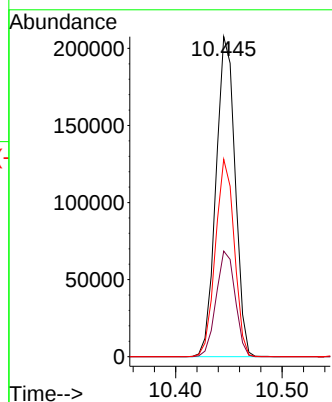
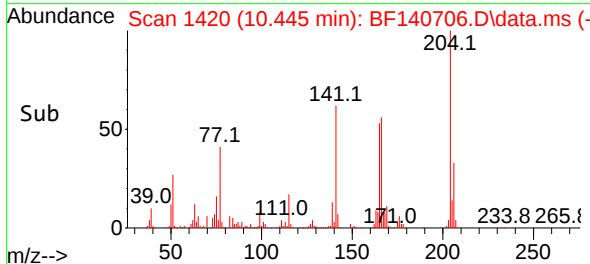
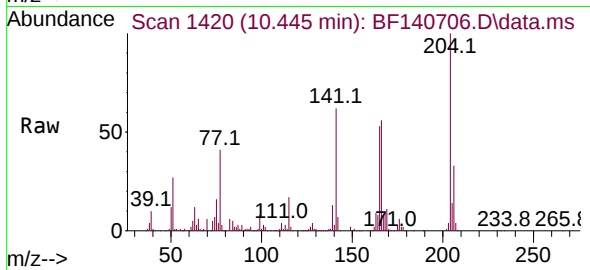
#61
4-Chlorophenyl-phenylether
Concen: 50.709 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :
BNA_F
ClientSampleId :
PB165316BS

Tgt Ion:204 Resp: 25846
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 61.7 51.1 76.7

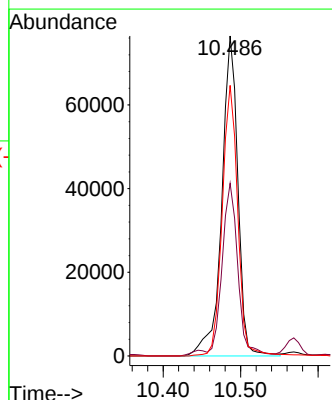
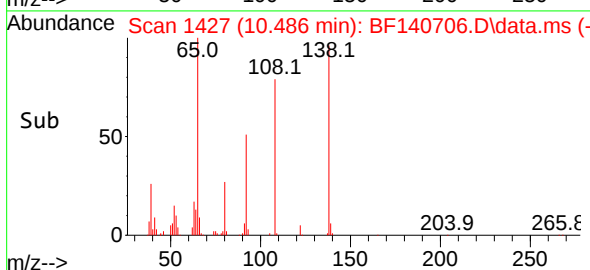
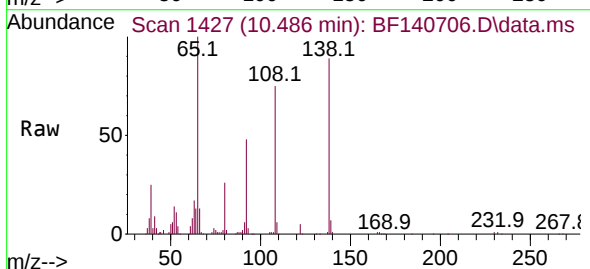
Manual Integrations
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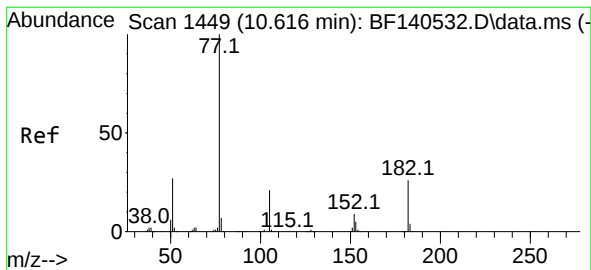
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#62
4-Nitroaniline
Concen: 46.276 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion:138 Resp: 110744
Ion Ratio Lower Upper
138 100
92 54.0 34.5 74.5
108 84.5 70.6 110.6





#63

Azobenzene

Concen: 50.018 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

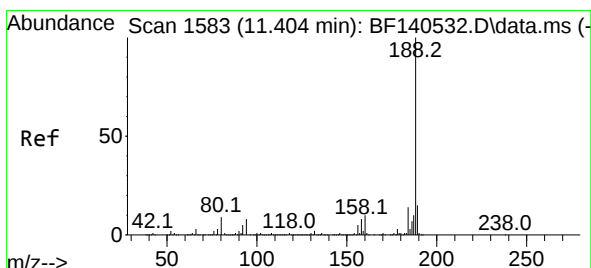
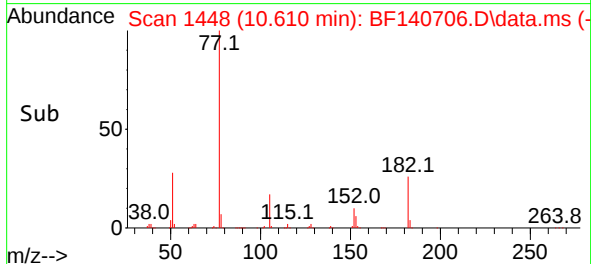
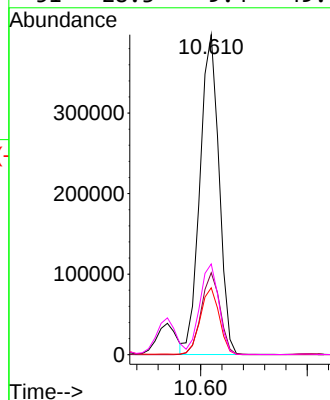
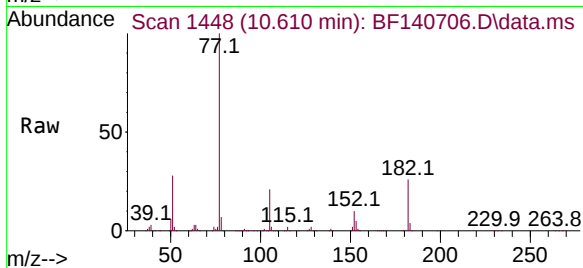
PB165316BS

Tgt Ion: 77	Resp: 49505
Ion Ratio	Lower Upper
77 100	
182 25.6	5.3 45.3
105 20.9	0.3 40.3
51 28.3	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

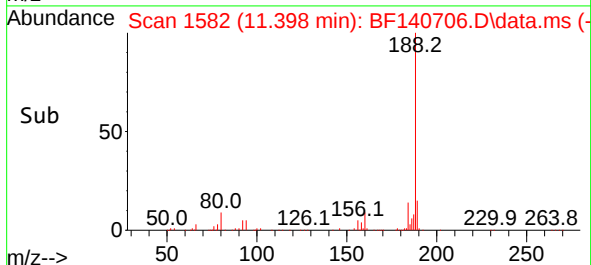
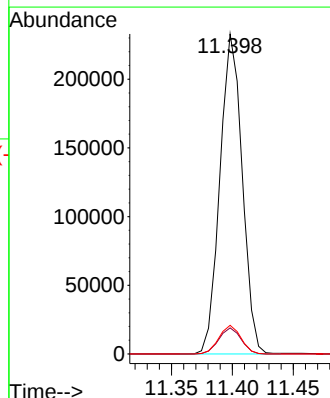
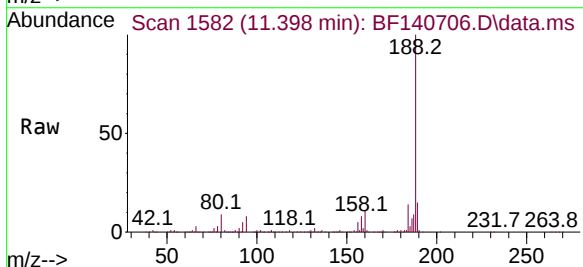
RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Tgt Ion:188	Resp: 297262
Ion Ratio	Lower Upper
188 100	
94 8.2	6.4 9.6
80 8.9	6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.610 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

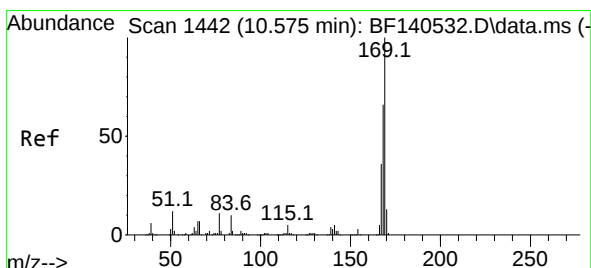
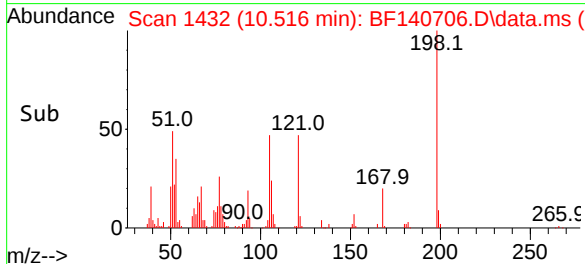
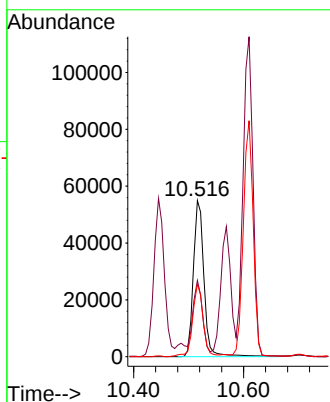
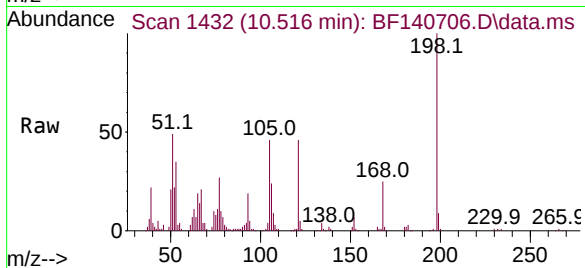
PB165316BS

Tgt Ion:198 Resp: 73839
Ion Ratio Lower Upper
198 100
51 48.9 29.4 69.4
105 46.5 25.4 65.4

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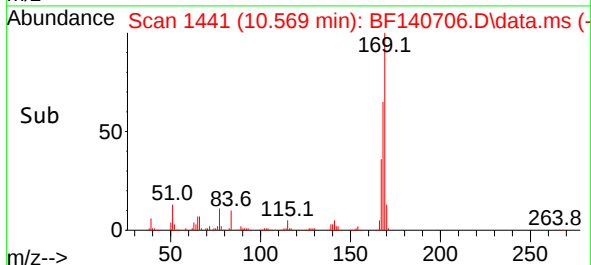
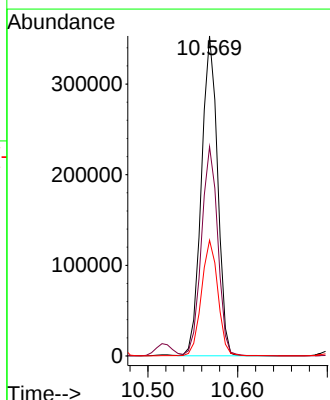
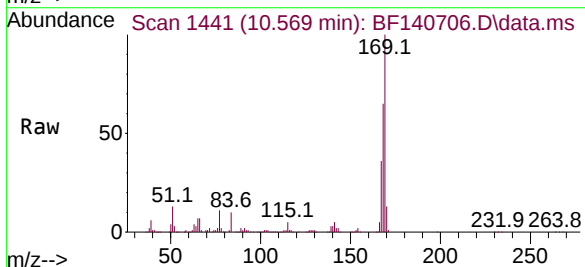
APPROVED

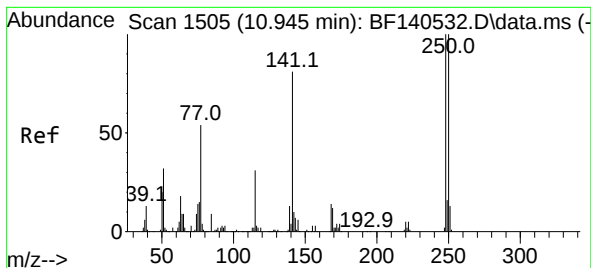
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#66
n-Nitrosodiphenylamine
Concen: 50.283 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

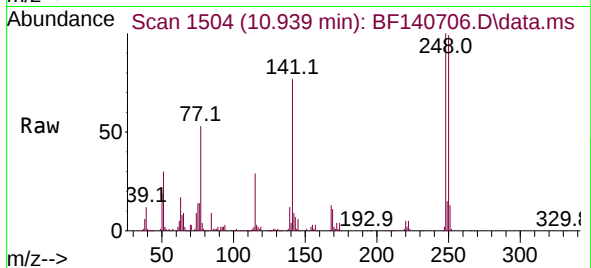
Tgt Ion:169 Resp: 442028
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.153 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

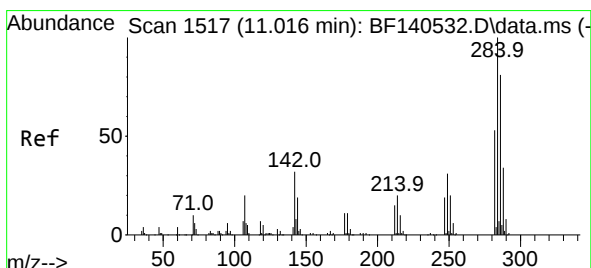
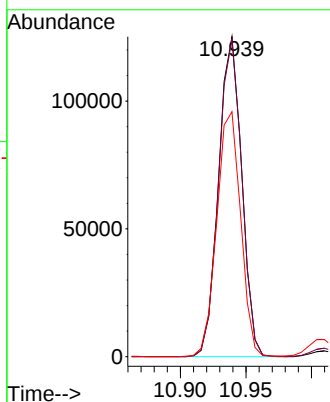
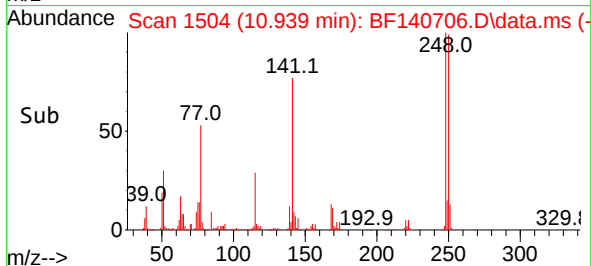
Instrument :
BNA_F
ClientSampleId :
PB165316BS



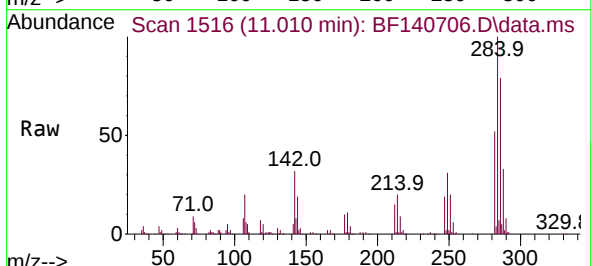
Tgt Ion:248 Resp: 15353
Ion Ratio Lower Upper
248 100
250 99.2 79.8 119.8
141 76.6 64.7 97.1

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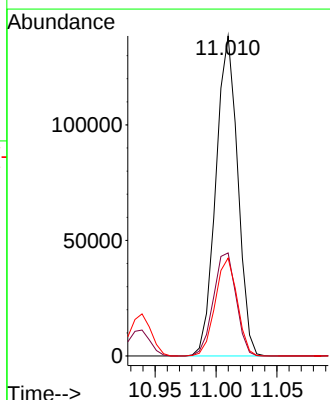
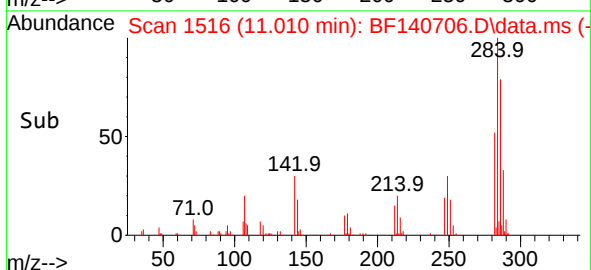
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

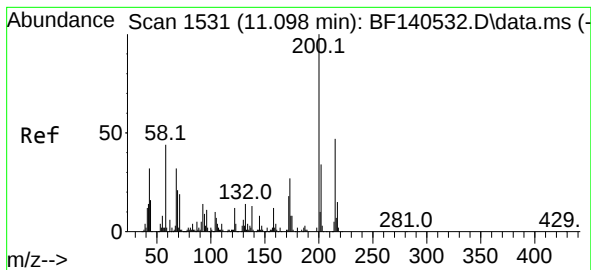


#68
Hexachlorobenzene
Concen: 48.769 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14



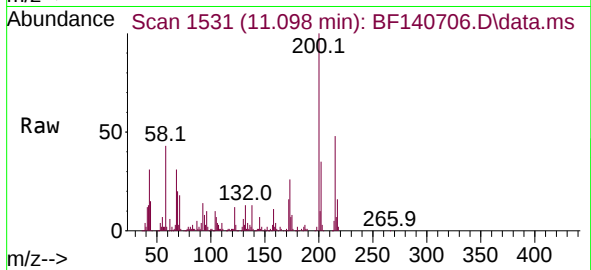
Tgt Ion:284 Resp: 172872
Ion Ratio Lower Upper
284 100
142 32.2 25.3 37.9
249 30.6 24.8 37.2





#69
 Atrazine
 Concen: 60.071 ng
 RT: 11.098 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: BF140706.D
 Acq: 03 Dec 2024 13:14

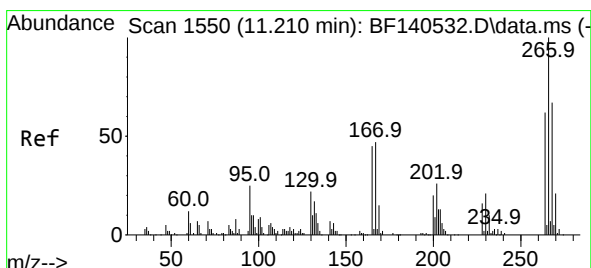
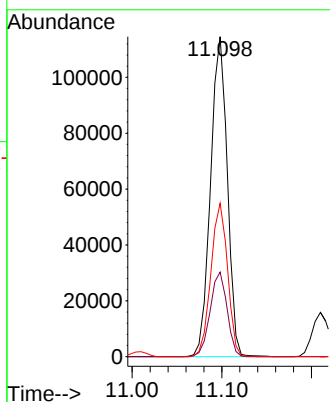
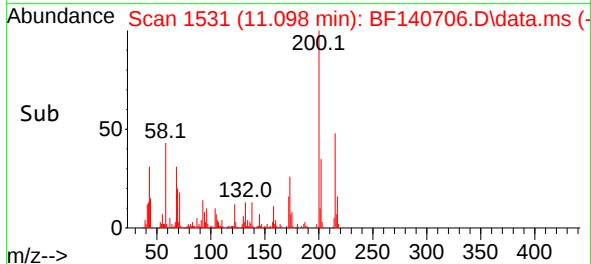
Instrument :
 BNA_F
 ClientSampleId :
 PB165316BS



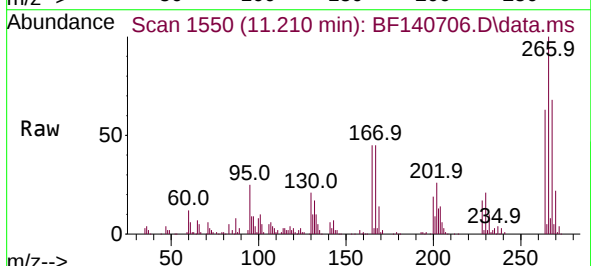
Tgt Ion:200 Resp: 148558
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.0 47.0
 215 48.0 26.7 66.7

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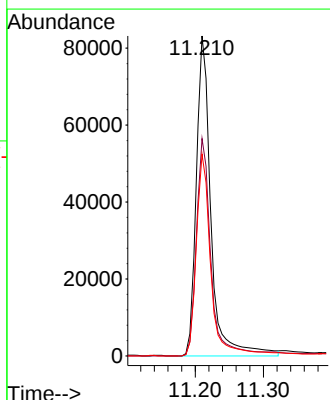
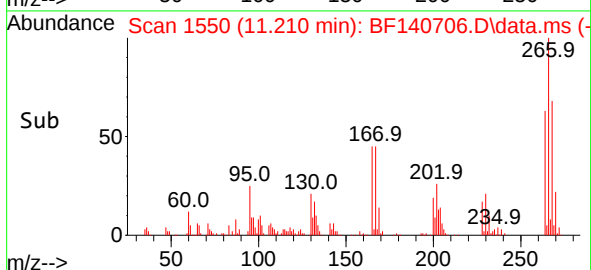
Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

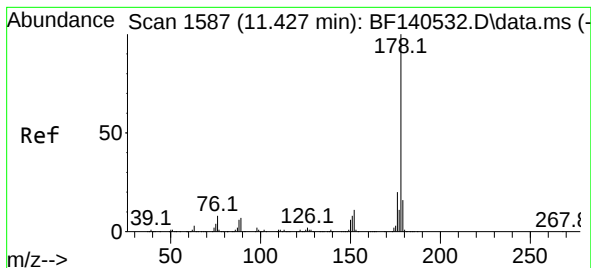


#70
 Pentachlorophenol
 Concen: 79.496 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. -0.000 min
 Lab File: BF140706.D
 Acq: 03 Dec 2024 13:14



Tgt Ion:266 Resp: 124023
 Ion Ratio Lower Upper
 266 100
 268 67.9 53.7 80.5
 264 63.0 49.8 74.8





#71

Phenanthrene

Concen: 50.497 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

Tgt Ion:178 Resp: 72155

Ion Ratio Lower Upper

178 100

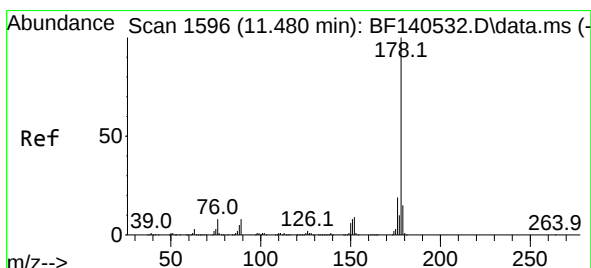
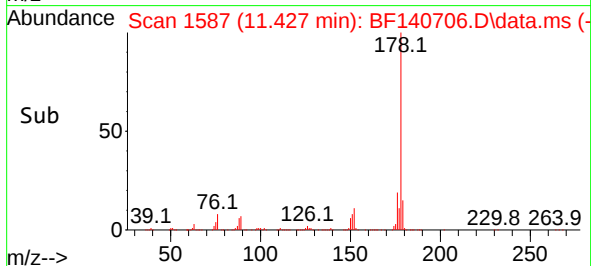
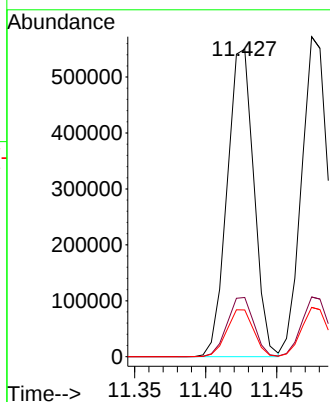
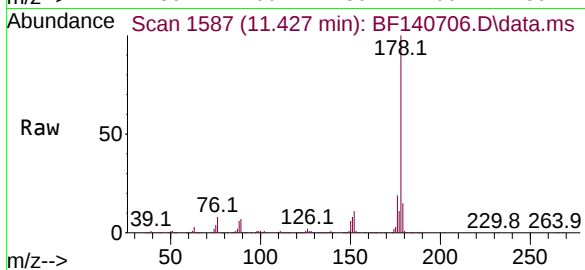
176 19.2 15.8 23.6

179 15.2 12.4 18.6

Manual Integrations

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



#72

Anthracene

Concen: 52.931 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

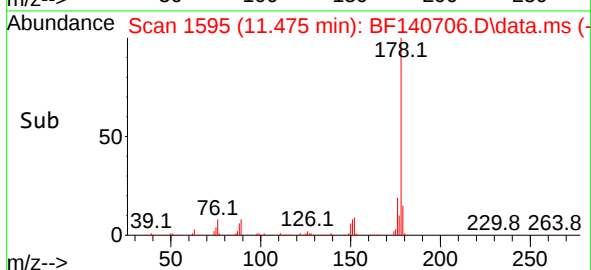
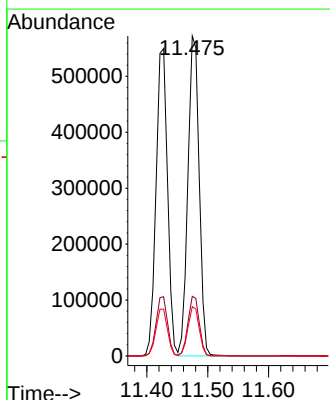
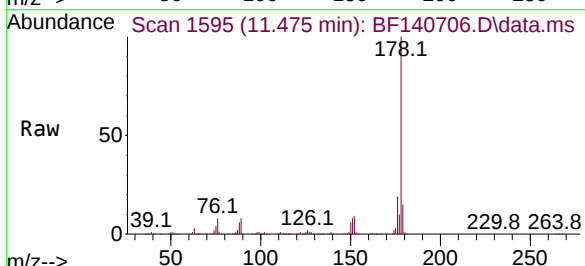
Tgt Ion:178 Resp: 739843

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.4 12.2 18.4





#73

Carbazole

Concen: 49.591 ng

RT: 11.633 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

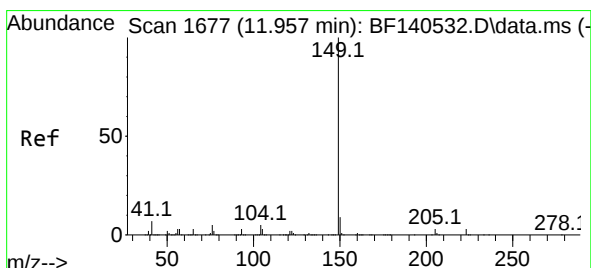
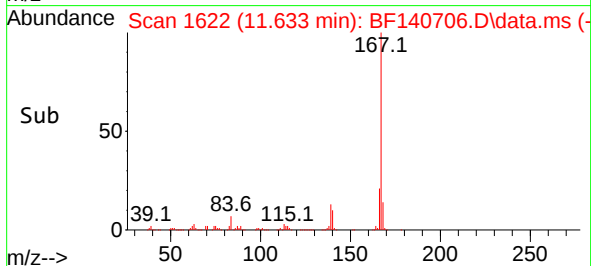
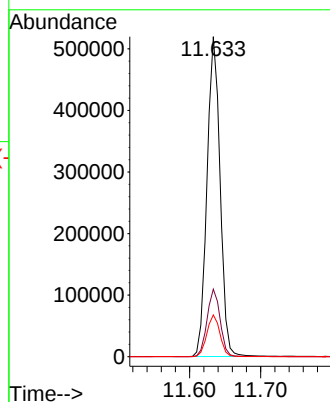
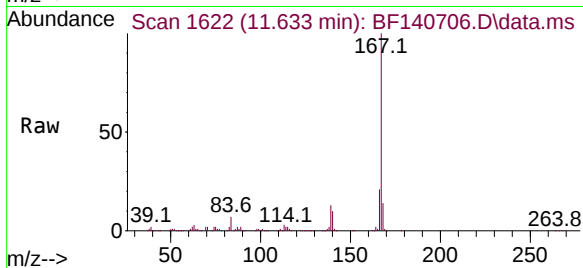
PB165316BS

Tgt Ion:167	Resp: 66681
Ion Ratio	Lower Upper
167 100	
166 21.1	17.2 25.8
139 13.1	10.6 15.8

Manual Integrations

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



#74

Di-n-butylphthalate

Concen: 54.376 ng

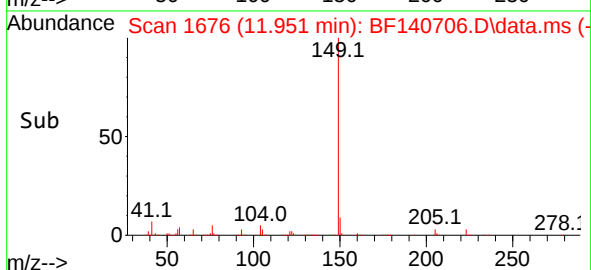
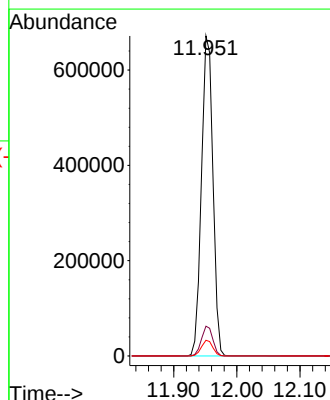
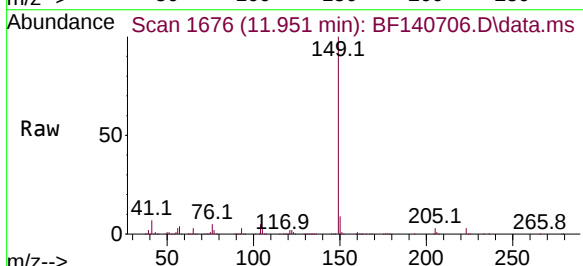
RT: 11.951 min Scan# 1676

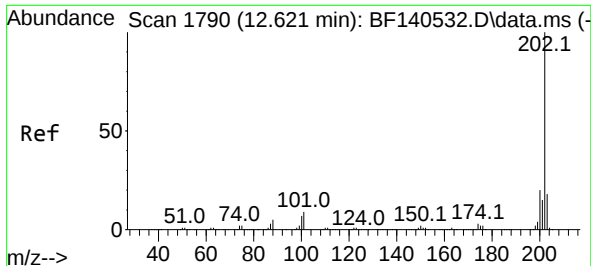
Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

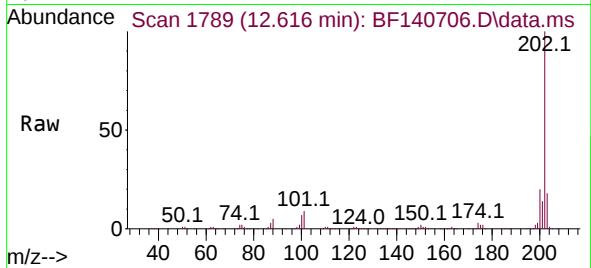
Tgt Ion:149	Resp: 844129
Ion Ratio	Lower Upper
149 100	
150 9.3	7.5 11.3
104 4.9	4.1 6.1





#75
Fluoranthene
Concen: 50.492 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

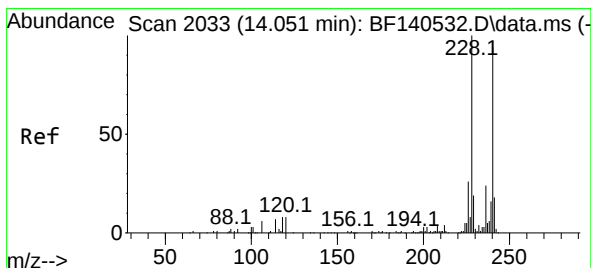
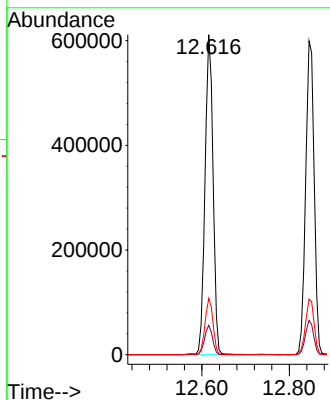
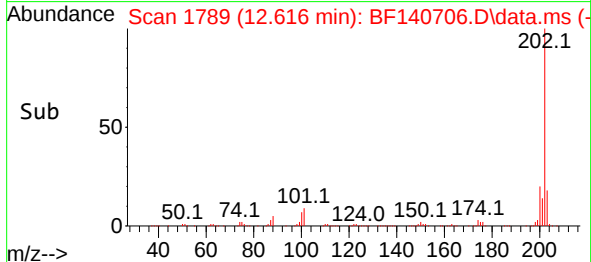
Instrument :
BNA_F
ClientSampleId :
PB165316BS



Tgt Ion:202 Resp: 783340
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 17.6 0.0 37.6

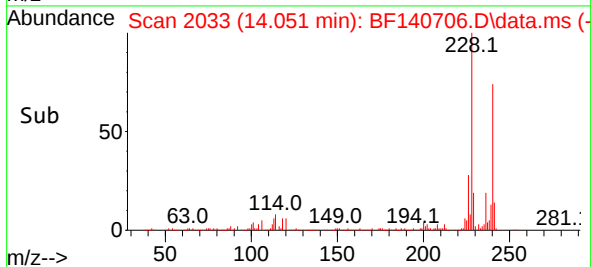
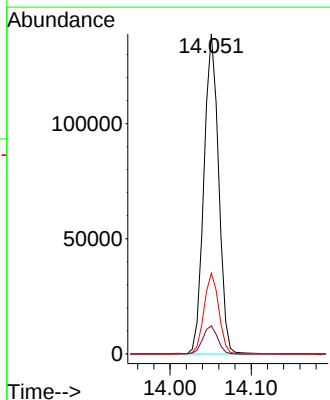
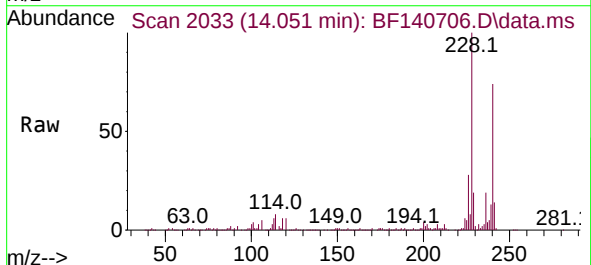
Manual Integrations
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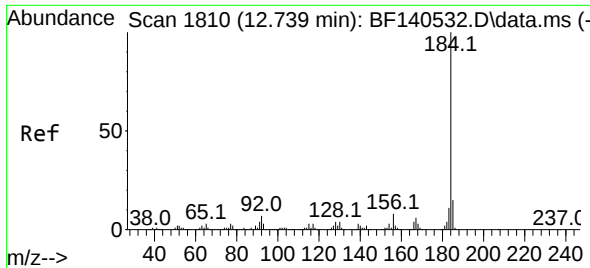
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

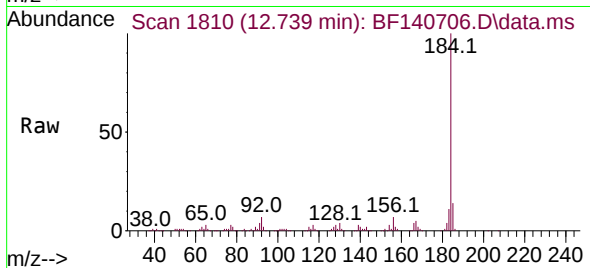
Tgt Ion:240 Resp: 174549
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 25.3 20.6 31.0





#77
Benzidine
Concen: 37.937 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

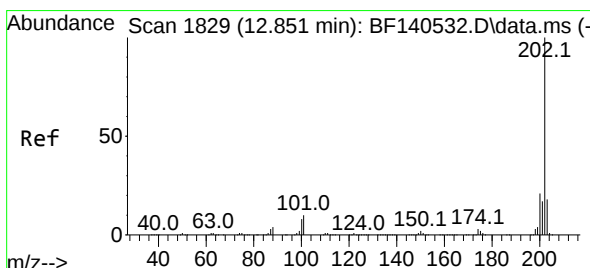
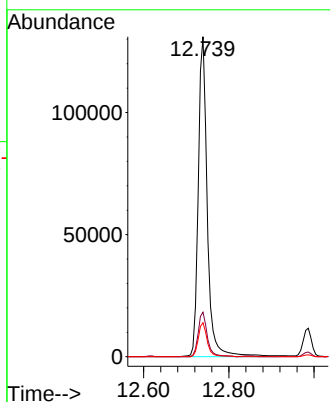
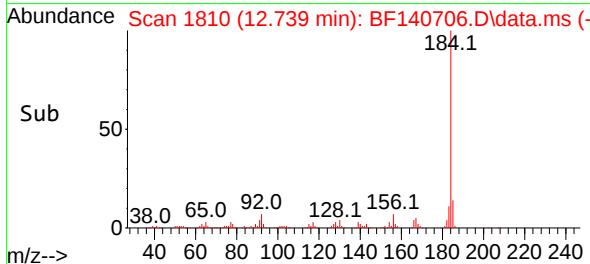
Instrument :
BNA_F
ClientSampleId :
PB165316BS



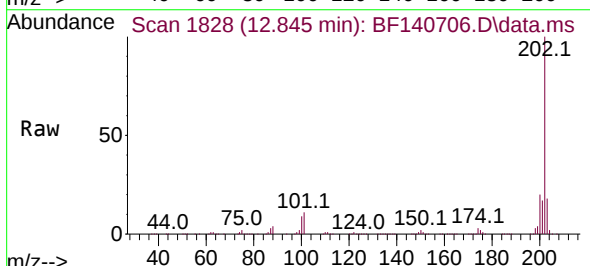
Tgt Ion:184 Resp: 19252
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.6 8.8 13.2

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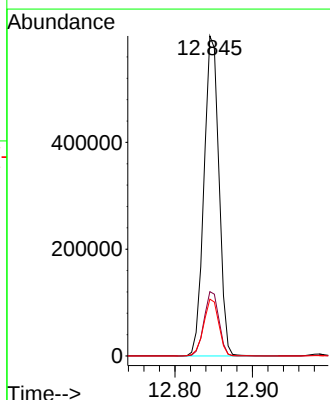
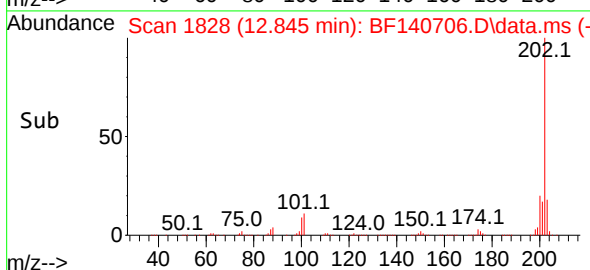
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

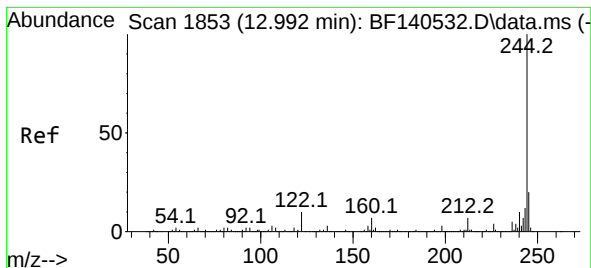


#78
Pyrene
Concen: 49.629 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14



Tgt Ion:202 Resp: 800967
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 101.384 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140706.D

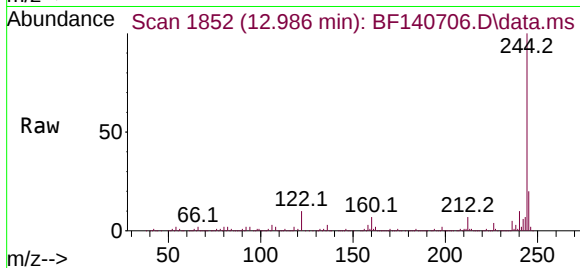
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS



Tgt Ion:244 Resp: 1136478

Ion Ratio Lower Upper

244 100

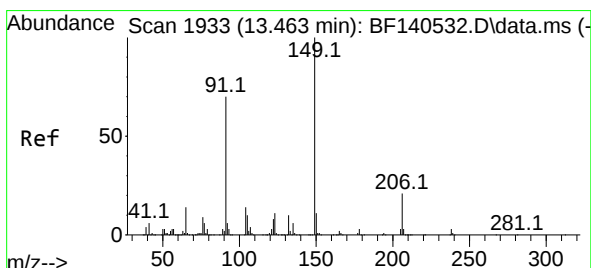
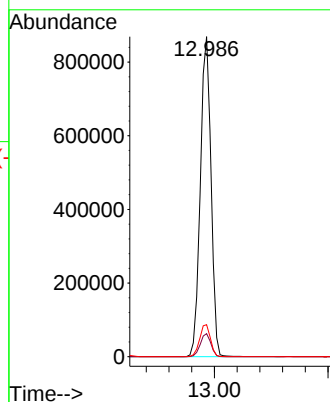
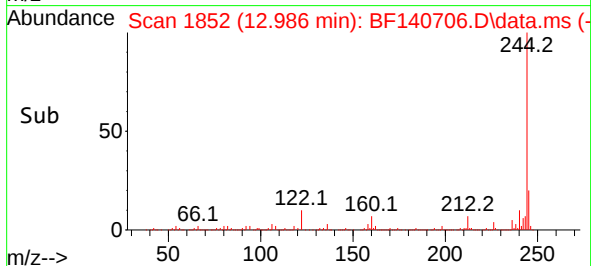
212 7.2 5.8 8.8

122 10.0 8.0 12.0

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 56.356 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

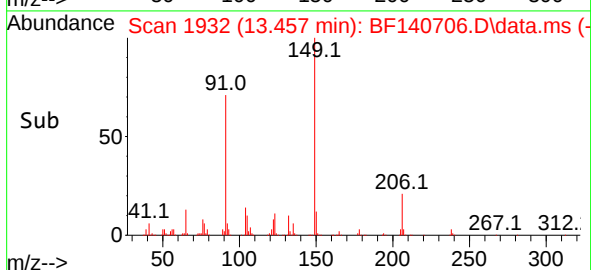
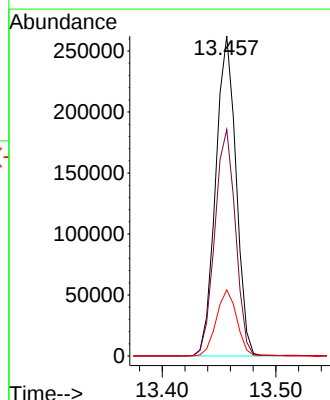
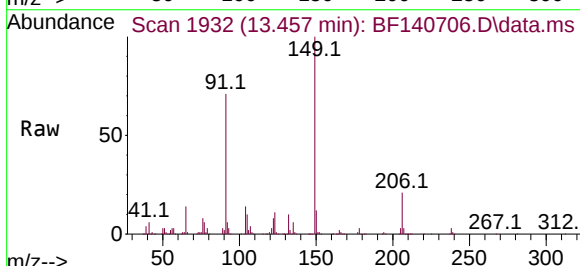
Tgt Ion:149 Resp: 327653

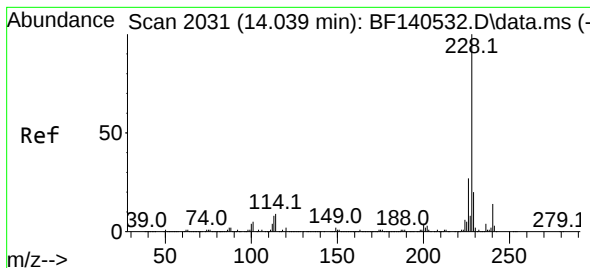
Ion Ratio Lower Upper

149 100

91 70.8 56.2 84.2

206 20.6 16.4 24.6





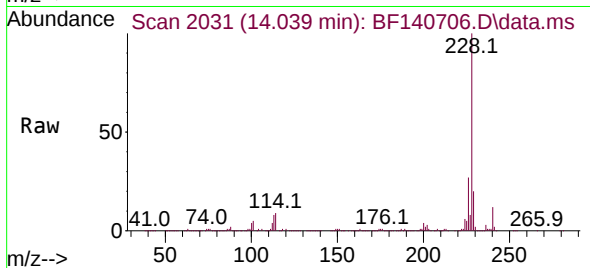
#81
Benzo(a)anthracene
Concen: 50.238 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

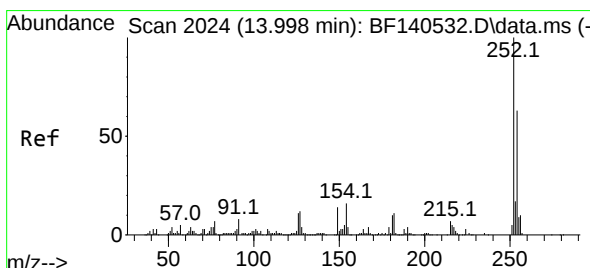
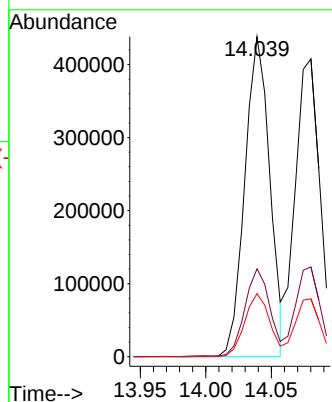
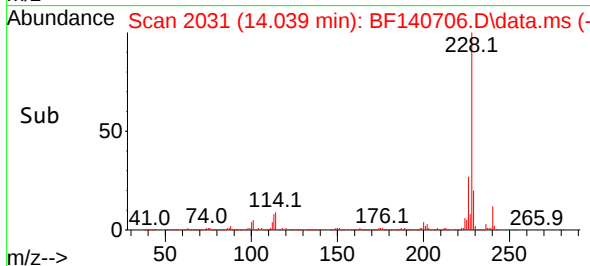


Tgt Ion:228 Resp: 580474
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.7 15.8 23.6

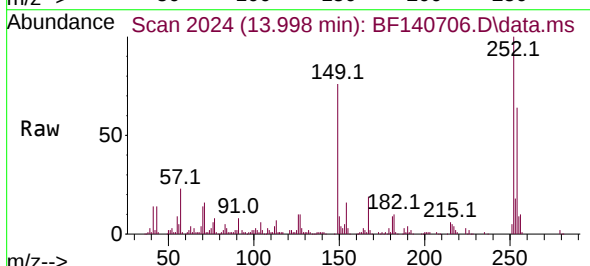
Manual Integrations

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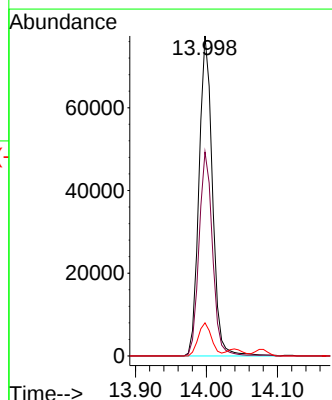
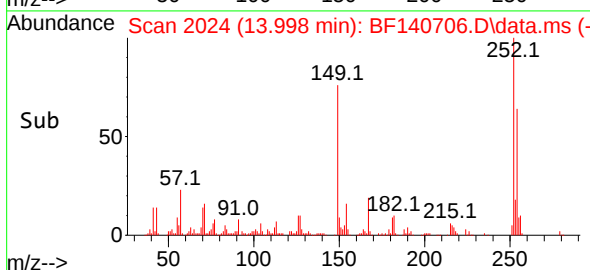
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

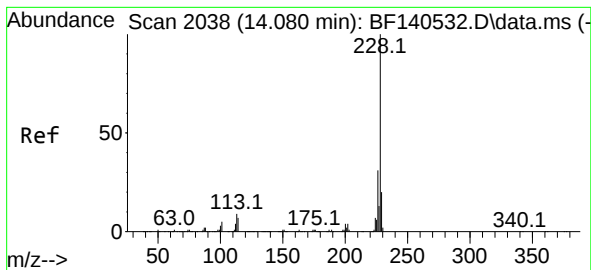


#82
3,3'-Dichlorobenzidine
Concen: 29.410 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14



Tgt Ion:252 Resp: 102027
Ion Ratio Lower Upper
252 100
254 63.7 50.8 76.2
126 10.3 8.6 13.0





#83

Chrysene

Concen: 50.553 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

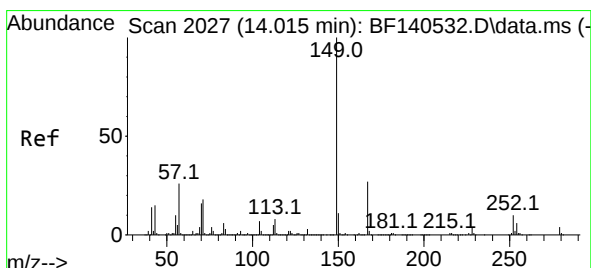
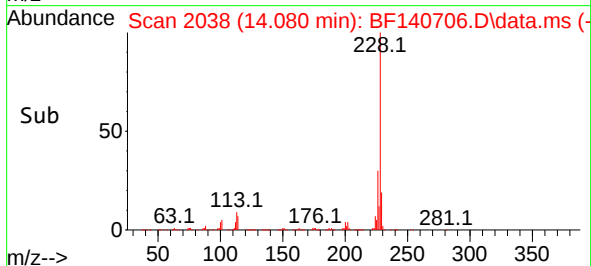
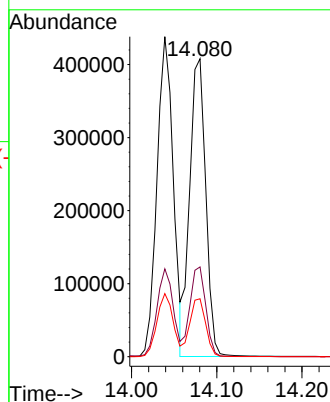
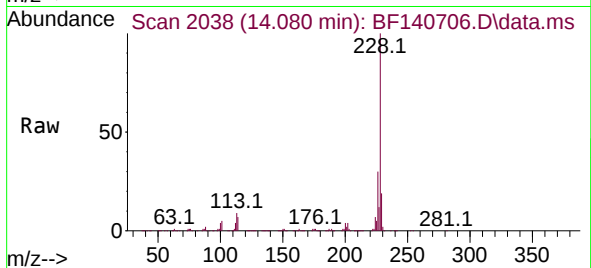
PB165316BS

Tgt Ion:	228	Resp:	534104
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.4	36.6
229	19.5	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: 62.011 ng

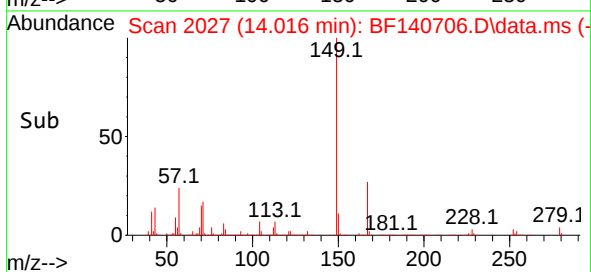
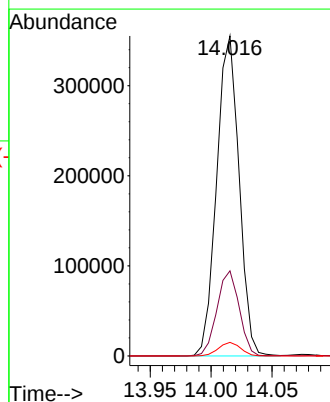
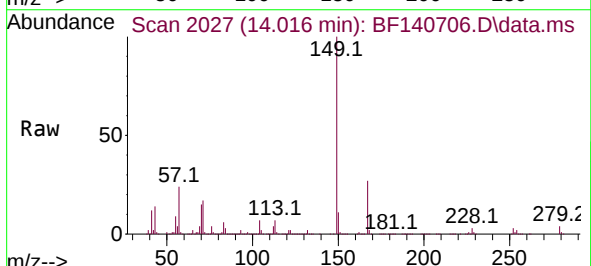
RT: 14.016 min Scan# 2027

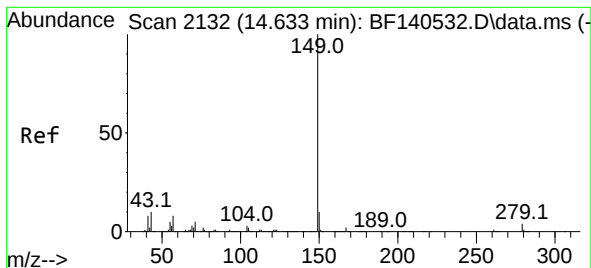
Delta R.T. 0.000 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Tgt Ion:	149	Resp:	455249
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.2	31.8
279	4.3	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 63.230 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

Tgt Ion:149 Resp: 63438

Ion Ratio Lower Upper

149 100

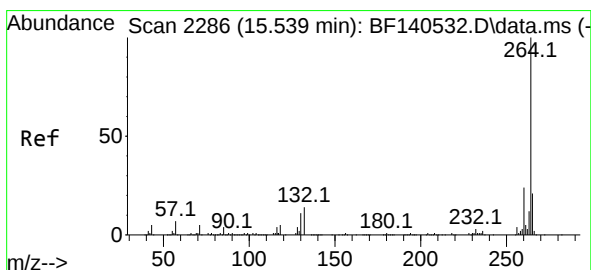
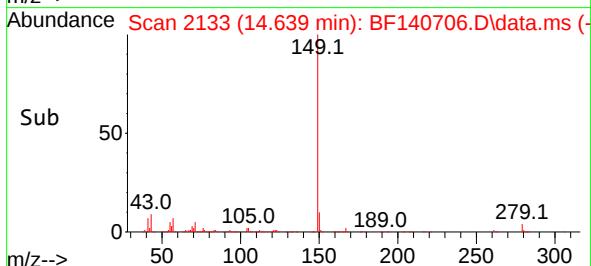
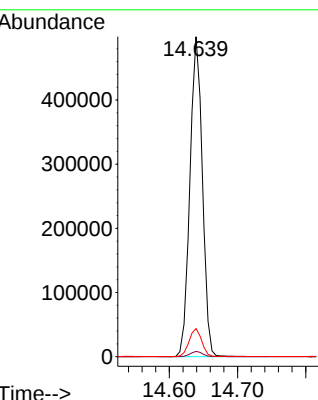
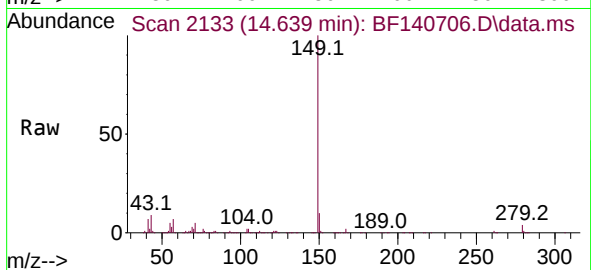
167 1.7 1.3 1.9

43 8.8 7.7 11.5

Manual Integrations

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.012 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

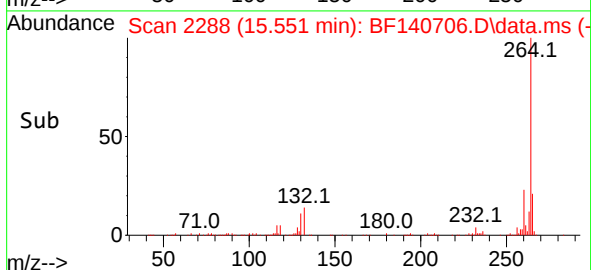
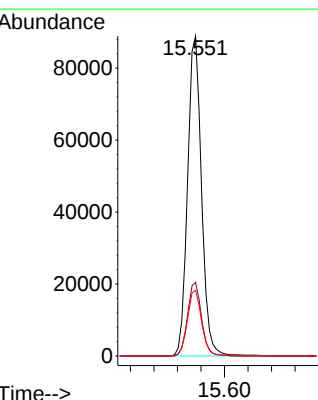
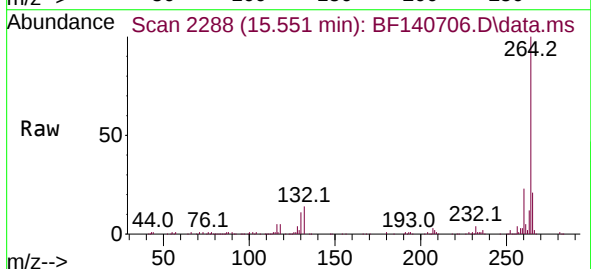
Tgt Ion:264 Resp: 145986

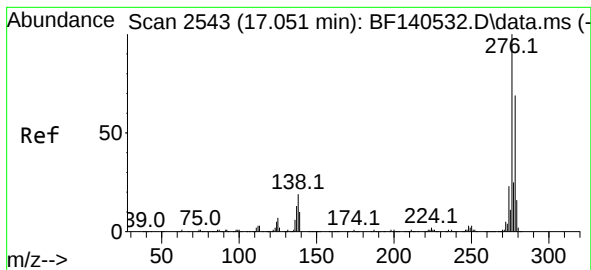
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 20.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.516 ng

RT: 17.068 min Scan# 2113

Delta R.T. 0.018 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

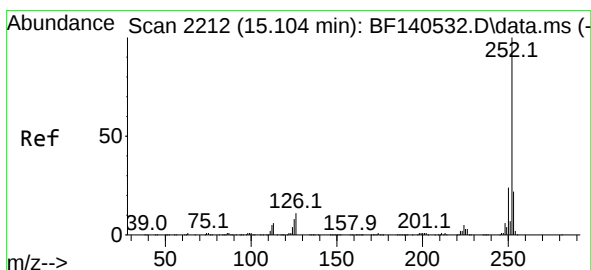
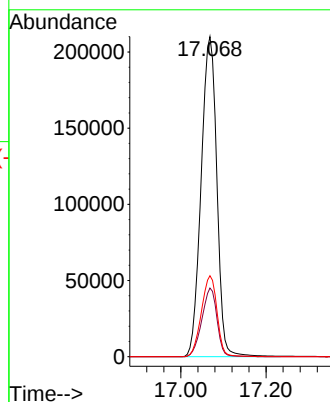
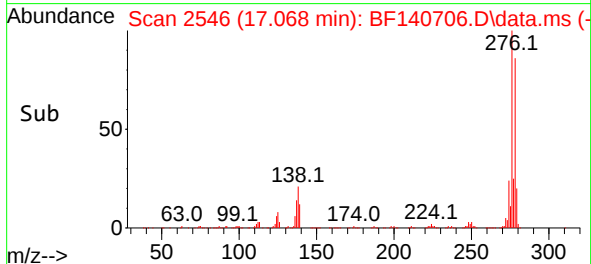
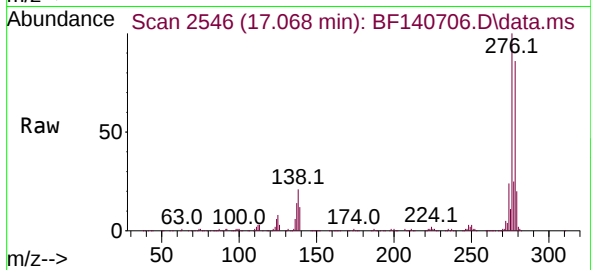
PB165316BS

Tgt Ion:276 Resp: 537680
 Ion Ratio Lower Upper
 276 100
 138 20.6 15.5 23.3
 277 25.1 20.1 30.1

Manual Integrations

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



#88

Benzo(b)fluoranthene

Concen: 51.056 ng

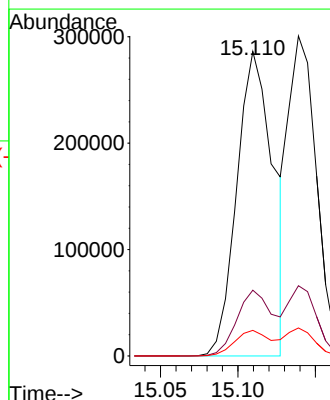
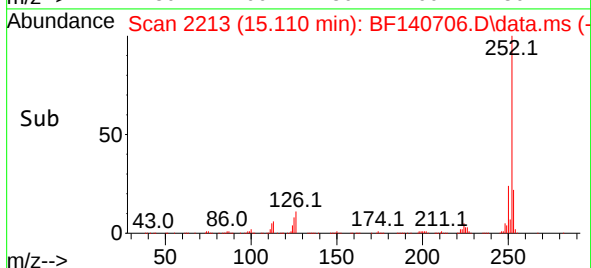
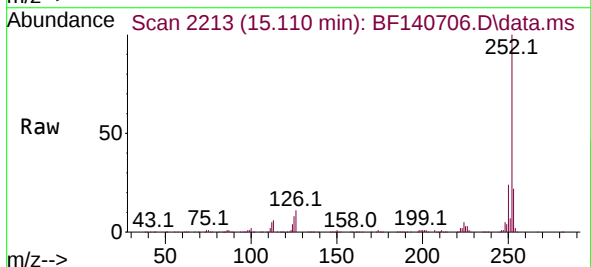
RT: 15.110 min Scan# 2213

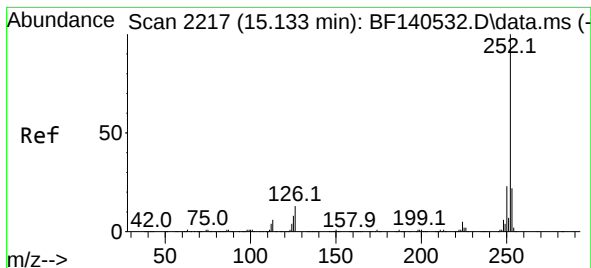
Delta R.T. 0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Tgt Ion:252 Resp: 468165
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.2 25.8
 125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 47.727 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB165316BS

Tgt Ion:252 Resp: 38296

Ion Ratio Lower Upper

252 100

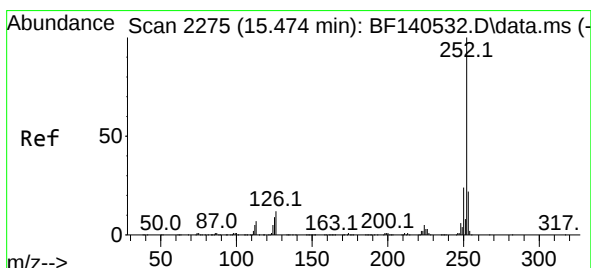
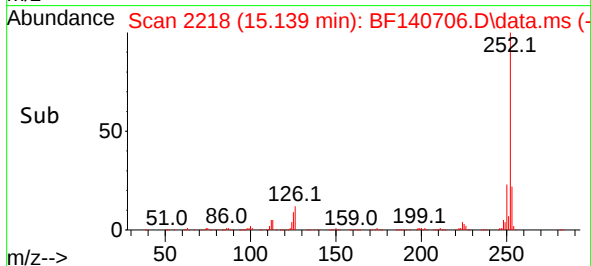
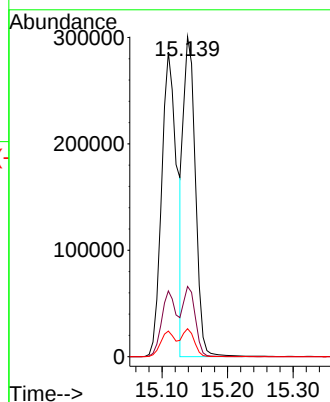
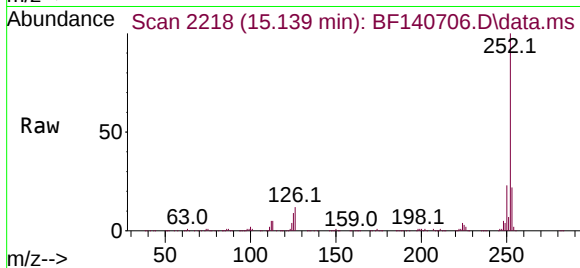
253 22.0 17.5 26.3

125 8.8 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: 54.032 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140706.D

Acq: 03 Dec 2024 13:14

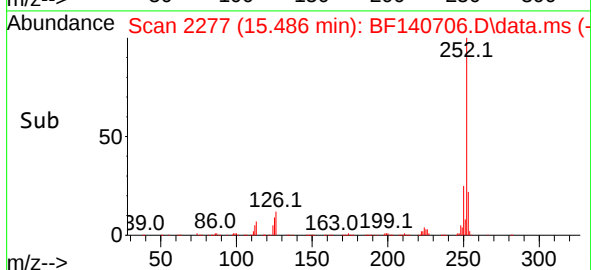
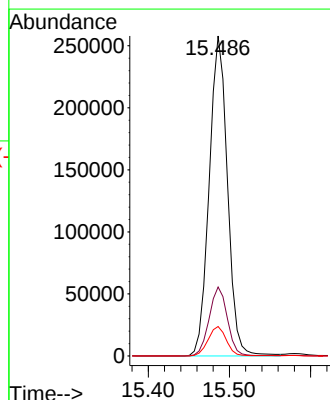
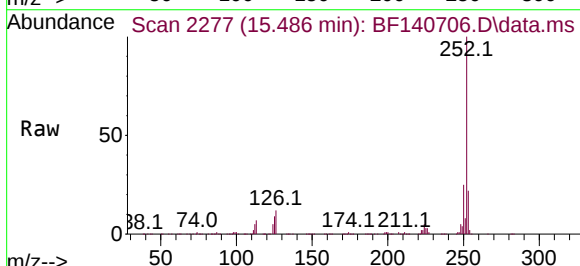
Tgt Ion:252 Resp: 402840

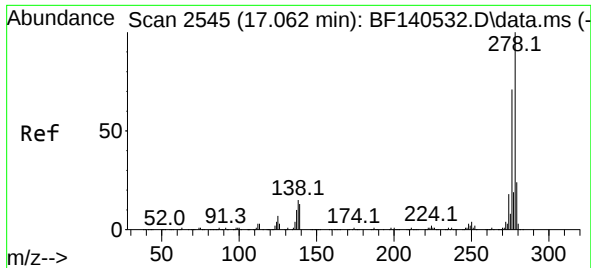
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.2 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 56.711 ng
RT: 17.074 min Scan# 2545
Delta R.T. 0.012 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Instrument :

BNA_F

ClientSampleId :

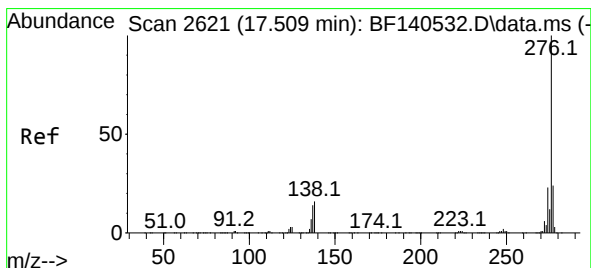
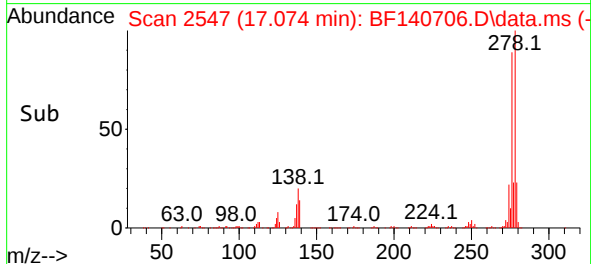
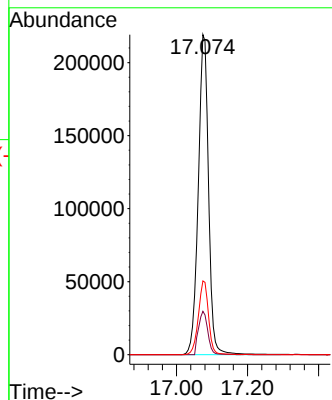
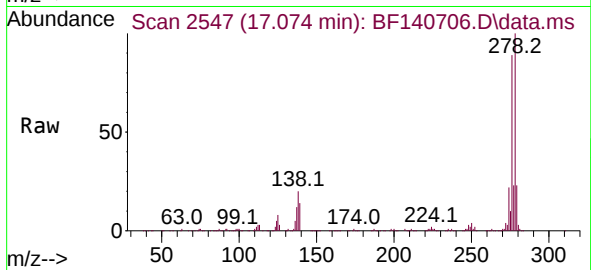
PB165316BS

Tgt Ion:278 Resp: 441850
Ion Ratio Lower Upper
278 100
139 13.5 10.2 15.4
279 23.1 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: 51.129 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140706.D
Acq: 03 Dec 2024 13:14

Tgt Ion:276 Resp: 406506
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 17.4 13.2 19.8

