

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140686.D
 Acq On : 02 Dec 2024 12:41
 Operator : RC/JU
 Sample : PB165294BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165294BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 02 13:03:35 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							12/03/2024
1) 1,4-Dichlorobenzene-d4	6.869	152	73424	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	8.151	136	289038	20.000	ng	0.00	
39) Acenaphthene-d10	9.910	164	165983	20.000	ng	0.00	
64) Phenanthrene-d10	11.398	188	315793	20.000	ng	0.00	
76) Chrysene-d12	14.063	240	189731	20.000	ng	0.01	
86) Perylene-d12	15.580	264	164500	20.000	ng	0.04	12/05/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	633356	147.178	ng	0.01	
7) Phenol-d6	6.516	99	839141	147.499	ng	0.00	
23) Nitrobenzene-d5	7.434	82	555836	98.365	ng	0.00	
42) 2,4,6-Tribromophenol	10.704	330	264384	148.932	ng	0.00	
45) 2-Fluorobiphenyl	9.228	172	1076487	96.631	ng	0.00	
79) Terphenyl-d14	12.986	244	1237478	101.560	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	84344	46.616	ng		98
3) Pyridine	3.498	79	200795	50.439	ng		99
4) n-Nitrosodimethylamine	3.451	42	113771	48.626	ng		94
6) Aniline	6.534	93	200220	50.001	ng	#	84
8) 2-Chlorophenol	6.663	128	252460	54.530	ng		95
9) Benzaldehyde	6.422	77	94676	31.436	ng		100
10) Phenol	6.528	94	315385	54.283	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	232089	52.202	ng		99
12) 1,3-Dichlorobenzene	6.810	146	265521	51.040	ng		98
13) 1,4-Dichlorobenzene	6.887	146	269073	51.083	ng		100
14) 1,2-Dichlorobenzene	7.039	146	264233	53.534	ng		99
15) Benzyl Alcohol	7.016	79	234354	55.547	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	296153	56.384	ng		91
17) 2-Methylphenol	7.128	107	204206	55.101	ng		98
18) Hexachloroethane	7.381	117	102505	52.104	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	181204	53.894	ng		98
20) 3+4-Methylphenols	7.287	107	265384	55.711	ng	#	89
22) Acetophenone	7.281	105	350168	49.693	ng		97
24) Nitrobenzene	7.451	77	285397	48.867	ng		99
25) Isophorone	7.692	82	493720	52.384	ng		100
26) 2-Nitrophenol	7.769	139	140594	54.323	ng		96
27) 2,4-Dimethylphenol	7.804	122	208073m	67.193	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	297049	51.735	ng		100
29) 2,4-Dichlorophenol	8.016	162	220064	53.631	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	230314	49.160	ng		99
31) Naphthalene	8.175	128	758605	50.954	ng		99
32) Benzoic acid	7.939	122	111046	42.226	ng		99
33) 4-Chloroaniline	8.222	127	109929	24.661	ng		97
34) Hexachlorobutadiene	8.286	225	150049	48.354	ng		99
35) Caprolactam	8.598	113	70607m	55.603	ng		
36) 4-Chloro-3-methylphenol	8.716	107	248152	54.015	ng		100
37) 2-Methylnaphthalene	8.863	142	500971	52.978	ng		99
38) 1-Methylnaphthalene	8.963	142	470526	50.763	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	240177	49.428	ng		99
41) Hexachlorocyclopentadiene	9.016	237	193923	168.656	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	153693	50.407	ng		97

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Quant Time: Dec 02 13:03:35 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)
44) 2,4,5-Trichlorophenol	9.192	196	165866	50.124	ng	98
46) 1,1'-Biphenyl	9.328	154	623466	50.310	ng	100
47) 2-Chloronaphthalene	9.357	162	474911	50.576	ng	98
48) 2-Nitroaniline	9.457	65	156189	51.821	ng	94
49) Acenaphthylene	9.769	152	782193	55.132	ng	100
50) Dimethylphthalate	9.628	163	570348	52.175	ng	100
51) 2,6-Dinitrotoluene	9.698	165	125293	50.537	ng	93
52) Acenaphthene	9.945	154	475885	52.790	ng	99
53) 3-Nitroaniline	9.869	138	75567	31.164	ng	95
54) 2,4-Dinitrophenol	9.986	184	112627	86.961	ng	94
55) Dibenzofuran	10.116	168	716969	52.142	ng	100
56) 4-Nitrophenol	10.045	139	159450	96.420	ng	94
57) 2,4-Dinitrotoluene	10.104	165	171936	52.182	ng	98
58) Fluorene	10.457	166	573566	51.967	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	147242	57.897	ng	92
60) Diethylphthalate	10.327	149	572178	51.517	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	279125	51.533	ng	98
62) 4-Nitroaniline	10.486	138	134507	52.890	ng	92
63) Azobenzene	10.610	77	554971	52.764	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	89314	55.347	ng	99
66) n-Nitrosodiphenylamine	10.569	169	496987	53.217	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	165605	50.921	ng	97
68) Hexachlorobenzene	11.010	284	192734	51.181	ng	99
69) Atrazine	11.098	200	162107	61.703	ng	99
70) Pentachlorophenol	11.210	266	156988	94.721	ng	99
71) Phenanthrene	11.427	178	822840	54.206	ng	99
72) Anthracene	11.474	178	842541	56.741	ng	100
73) Carbazole	11.633	167	770976	53.972	ng	100
74) Di-n-butylphthalate	11.951	149	866939	52.569	ng	99
75) Fluoranthene	12.616	202	891314	54.080	ng	99
77) Benzidine	12.739	184	220537	39.979	ng	99
78) Pyrene	12.845	202	916827	52.262	ng	100
80) Butylbenzylphthalate	13.457	149	345862	54.728	ng	97
81) Benzo(a)anthracene	14.051	228	686170	54.634	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	115916	30.740	ng	97
83) Chrysene	14.092	228	636230	55.400	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	443875	55.624	ng	99
85) Di-n-octyl phthalate	14.674	149	629771	57.748	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	572111	53.367	ng	98
88) Benzo(b)fluoranthene	15.145	252	573795	55.533	ng	99
89) Benzo(k)fluoranthene	15.174	252	449220	49.683	ng	100
90) Benzo(a)pyrene	15.521	252	477970	56.894	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	459050	52.286	ng	99
92) Benzo(g,h,i)perylene	17.562	276	435299	48.588	ng	98

12/03/2024

Supervised By :mohammad
ahmed

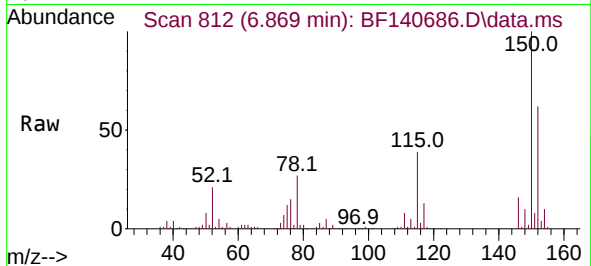
12/05/2024

(#)=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: BF140686.D
Acq: 02 Dec 2024 12:41

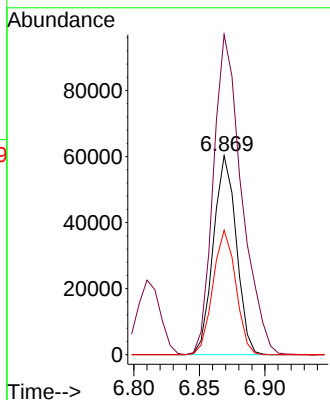
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:152 Resp: 73424
Ion Ratio Lower Upper
152 100
150 160.9 128.5 192.7
115 62.6 50.2 75.4

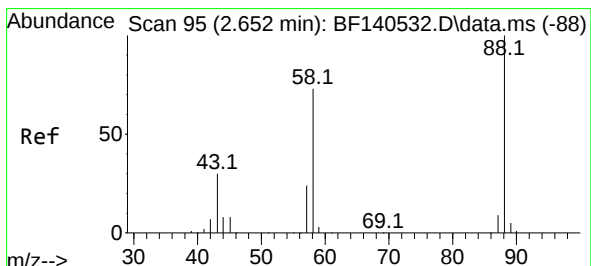
Manual Integrations
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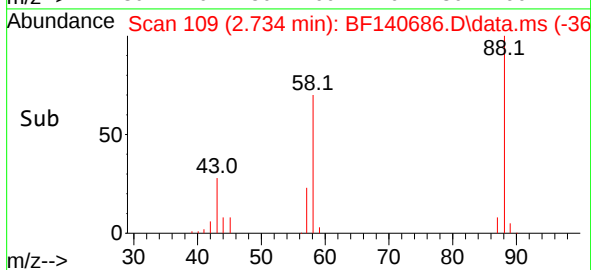
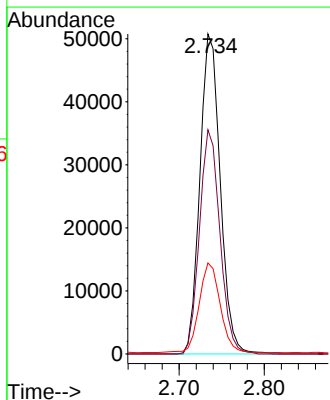
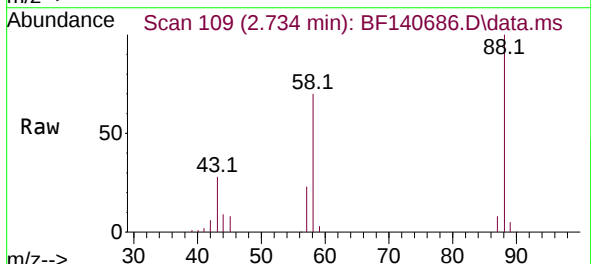
12/03/2024
Supervised By :mohammad
ahmed

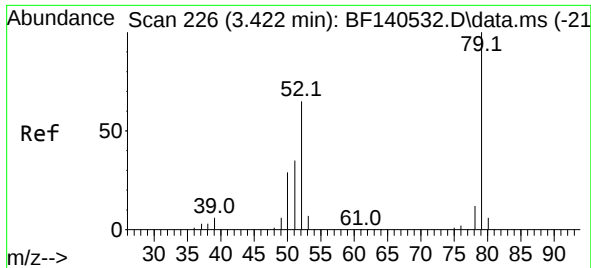
12/05/2024



#2
1,4-Dioxane
Concen: 46.616 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.082 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

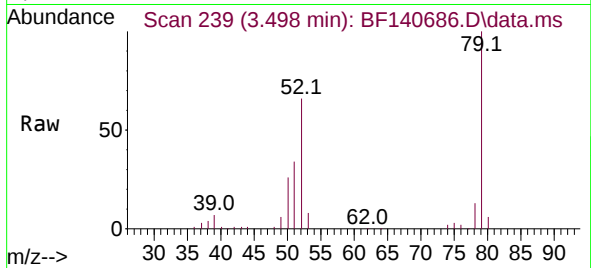
Tgt Ion: 88 Resp: 84344
Ion Ratio Lower Upper
88 100
58 70.3 57.4 86.2
43 28.9 24.3 36.5





#3
 Pyridine
 Concen: 50.439 ng
 RT: 3.498 min Scan# 21
 Delta R.T. 0.076 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41

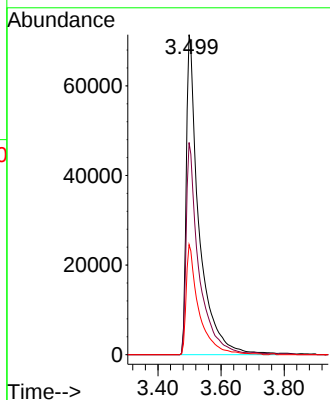
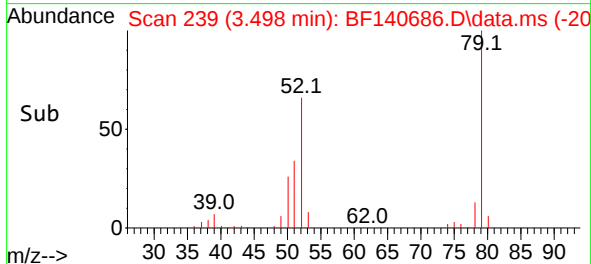
Instrument :
 BNA_F
 ClientSampleId :
 PB165294BS



Tgt Ion: 79 Resp: 20079
 Ion Ratio Lower Upper
 79 100
 52 66.3 52.1 78.1
 51 34.4 27.8 41.8

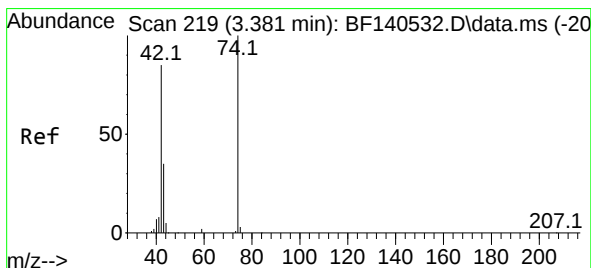
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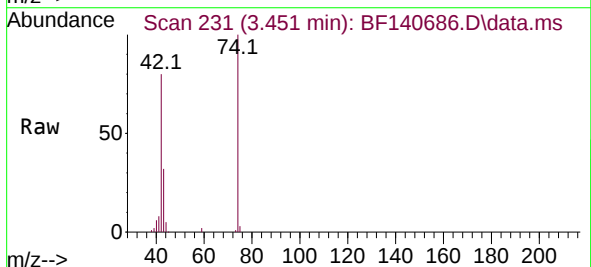


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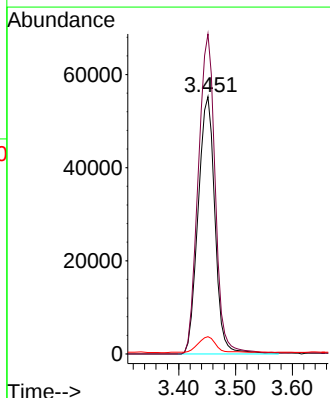
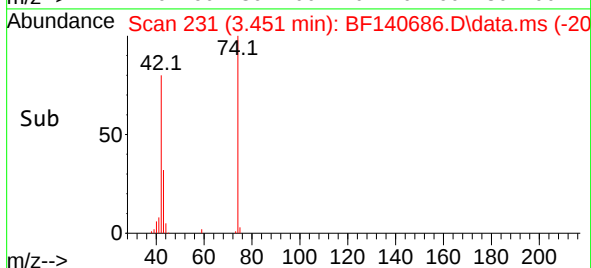
12/05/2024



#4
 n-Nitrosodimethylamine
 Concen: 48.626 ng
 RT: 3.451 min Scan# 231
 Delta R.T. 0.071 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41



Tgt Ion: 42 Resp: 113771
 Ion Ratio Lower Upper
 42 100
 74 124.4 93.8 140.6
 44 6.7 4.6 6.8





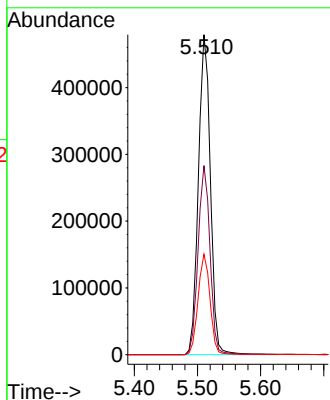
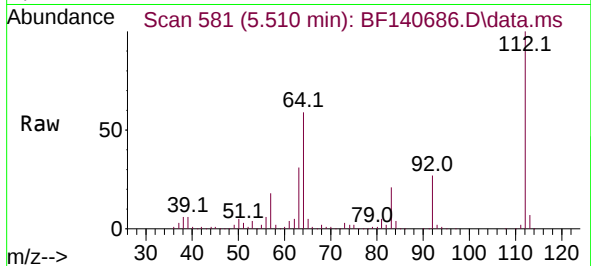
#5
2-Fluorophenol
Concen: 147.178 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :
BNA_F
ClientSampleId :
PB165294BS

Tgt Ion:112 Resp: 633350
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.4 27.0 40.4

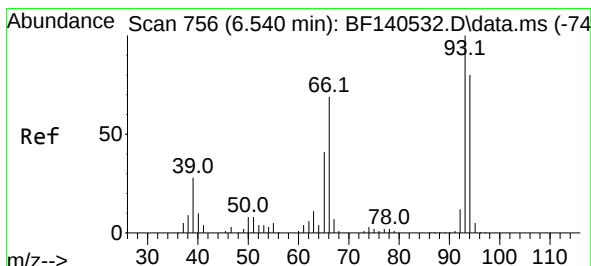
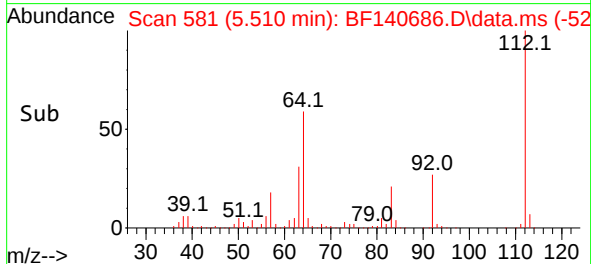
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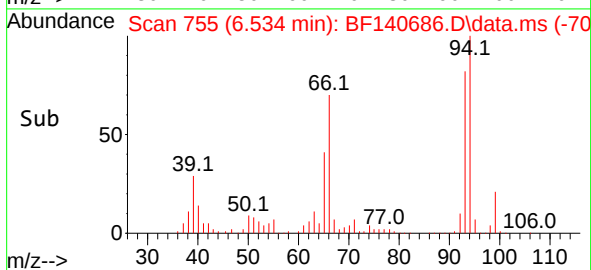
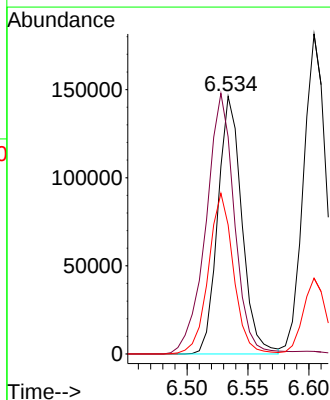
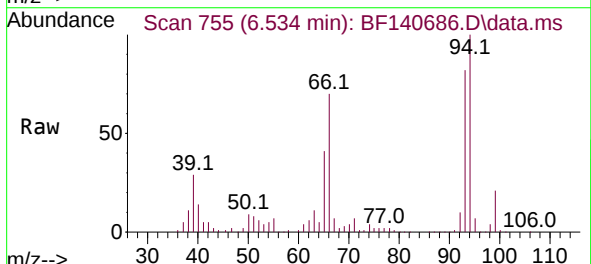
12/03/2024
Supervised By :mohammad
ahmed

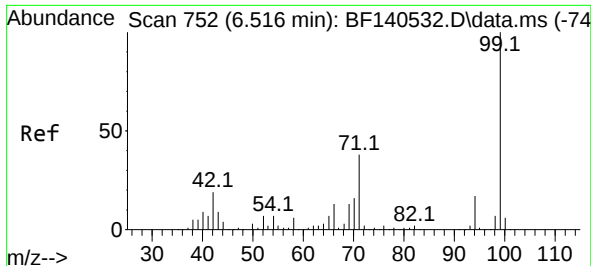
12/05/2024



#6
Aniline
Concen: 50.001 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

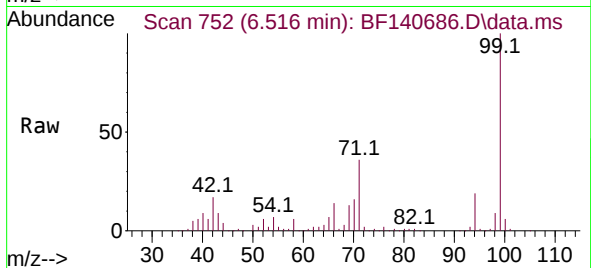
Tgt Ion: 93 Resp: 200220
Ion Ratio Lower Upper
93 100
66 84.3 56.5 84.7
65 50.2 32.9 49.3





#7
Phenol-d6
Concen: 147.499 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

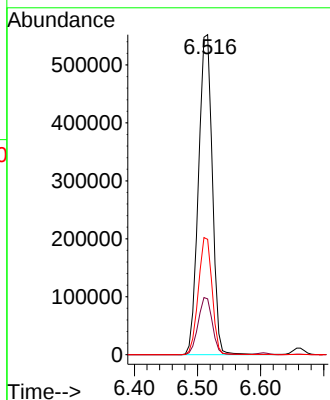
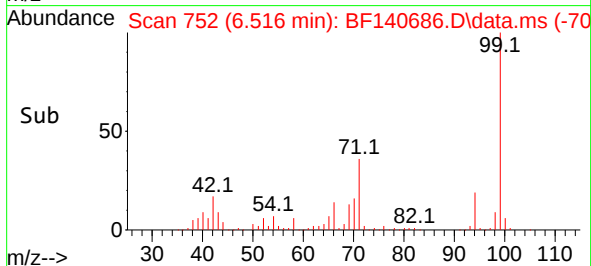
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion: 99 Resp: 83914
Ion Ratio Lower Upper
99 100
42 17.4 15.4 23.0
71 36.1 30.6 46.0

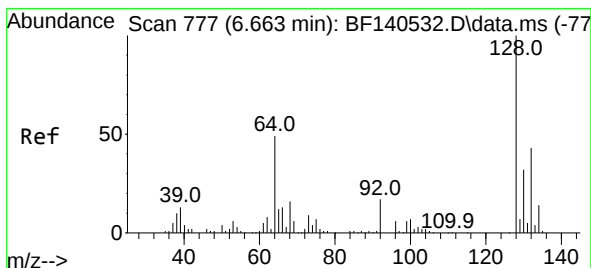
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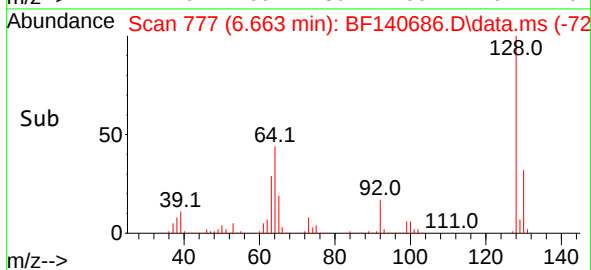
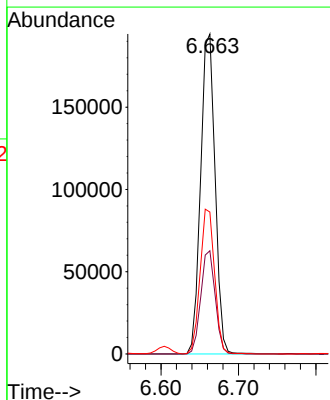
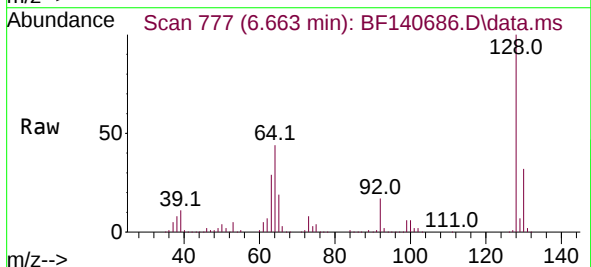
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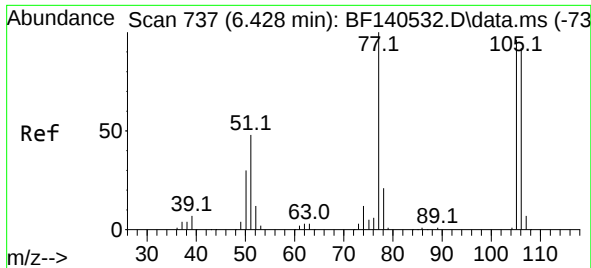
12/05/2024



#8
2-Chlorophenol
Concen: 54.530 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:128 Resp: 252460
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 44.3 30.2 70.2





#9

Benzaldehyde

Concen: 31.436 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

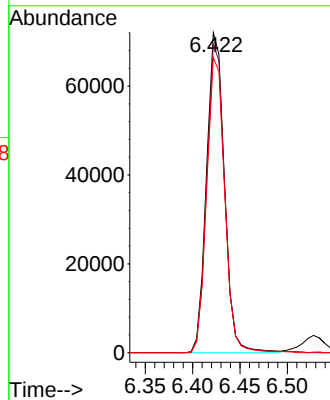
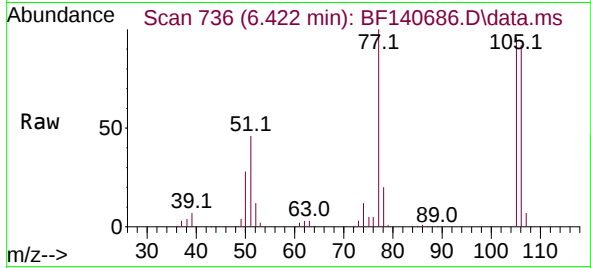
ClientSampleId :

PB165294BS

Tgt Ion: 77	Resp: 94670
Ion Ratio	Lower Upper
77 100	
105 96.2	75.6 115.6
106 92.2	72.0 112.0

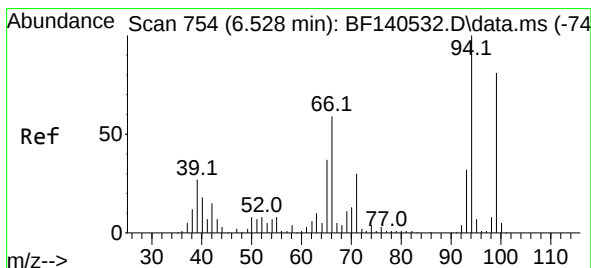
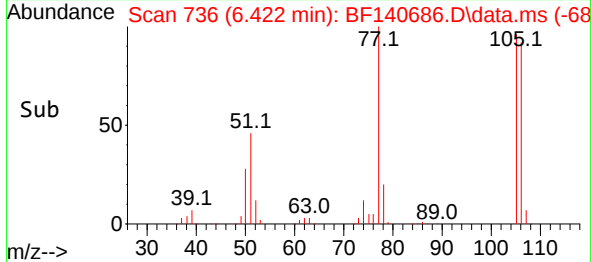
Manual Integrations
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Supervised By :mohammad
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12/05/2024



#10

Phenol

Concen: 54.283 ng

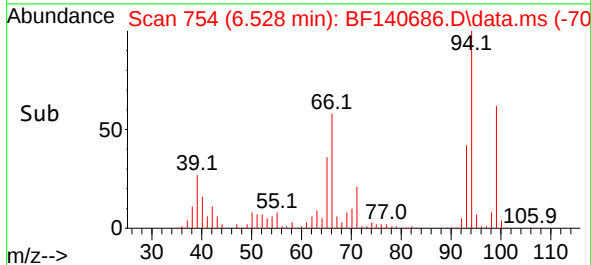
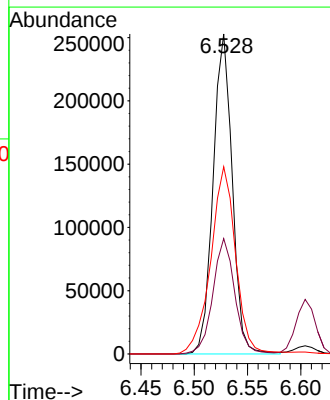
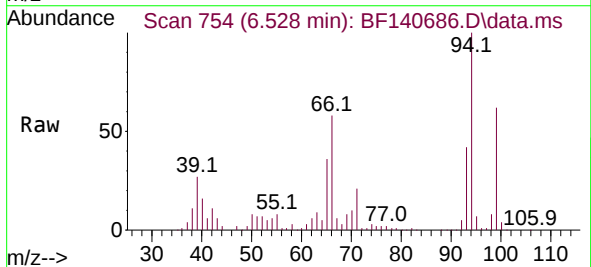
RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Tgt Ion: 94	Resp: 315385
Ion Ratio	Lower Upper
94 100	
65 36.0	17.2 57.2
66 58.5	39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 52.202 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

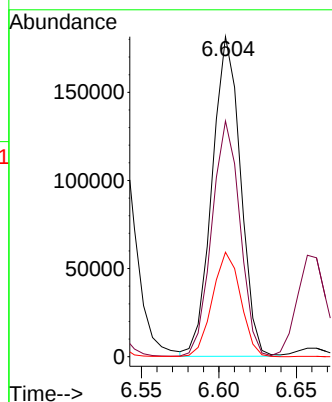
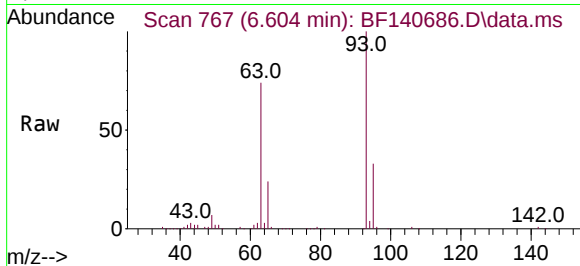
ClientSampleId :

PB165294BS

Tgt Ion: 93 Resp: 232089
Ion Ratio Lower Upper
93 100
63 73.7 52.8 92.8
95 32.6 12.3 52.3

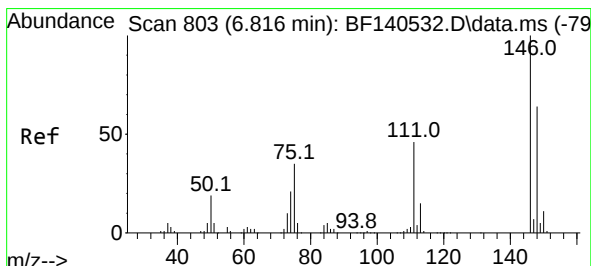
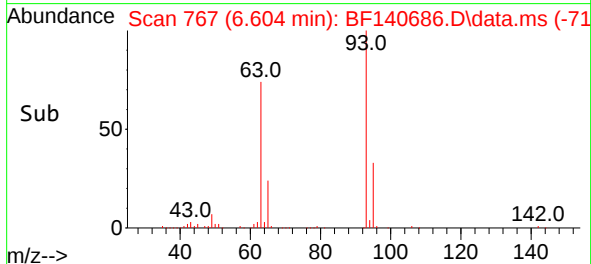
Manual Integrations
APPROVED

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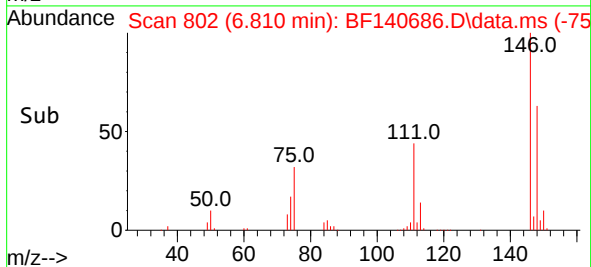
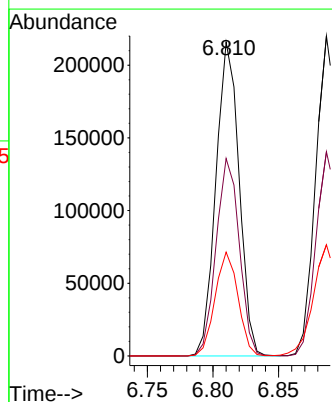
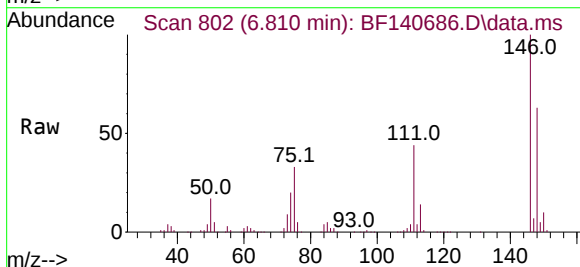
12/03/2024
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ahmed

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#12
1,3-Dichlorobenzene
Concen: 51.040 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:146 Resp: 265521
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
75 33.1 28.2 42.2





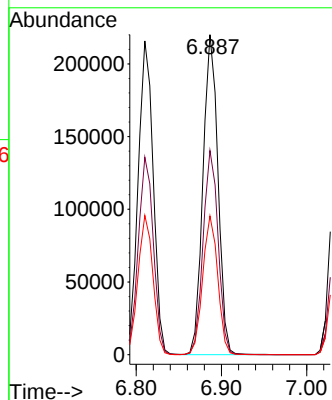
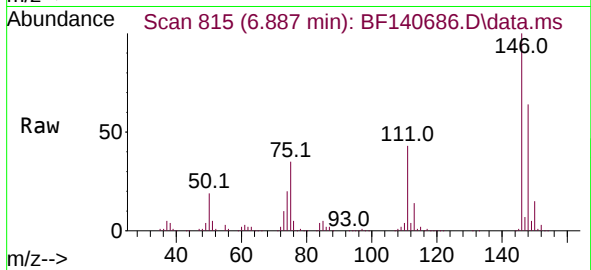
#13
1,4-Dichlorobenzene
Concen: 51.083 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :
BNA_F
ClientSampleId :
PB165294BS

Tgt Ion:146 Resp: 26907
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 43.3 35.3 52.9

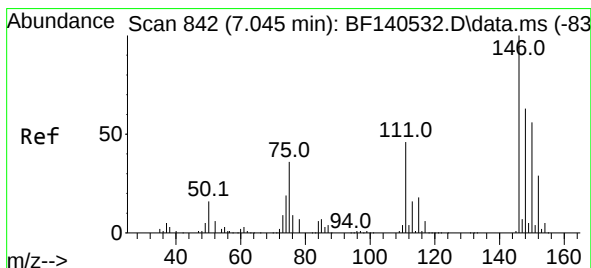
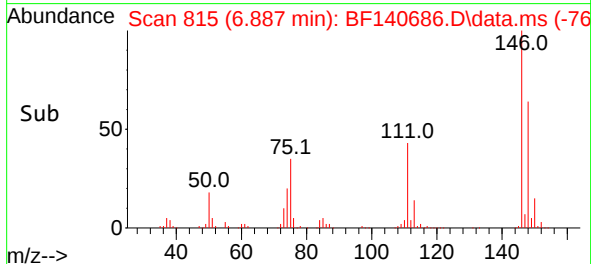
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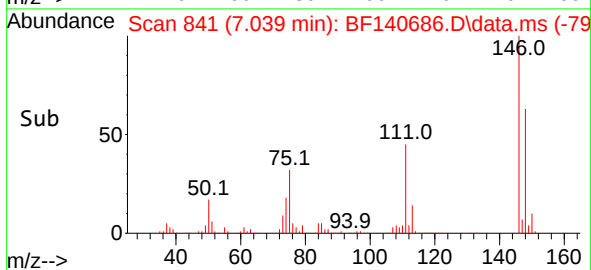
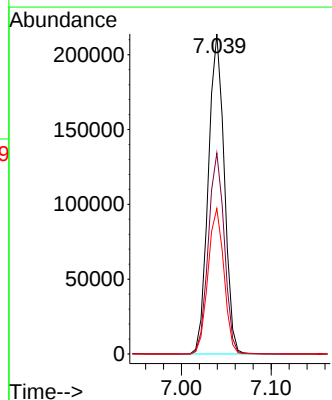
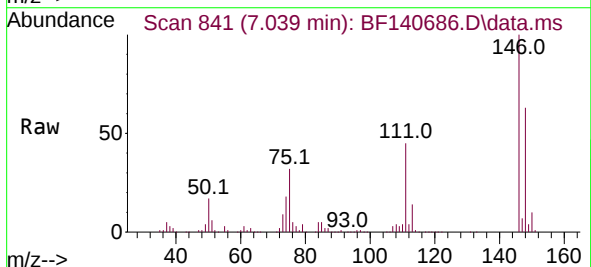
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Supervised By :mohammad
ahmed

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#14
1,2-Dichlorobenzene
Concen: 53.534 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:146 Resp: 264233
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
111 45.5 36.7 55.1





#15
Benzyl Alcohol
Concen: 55.547 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

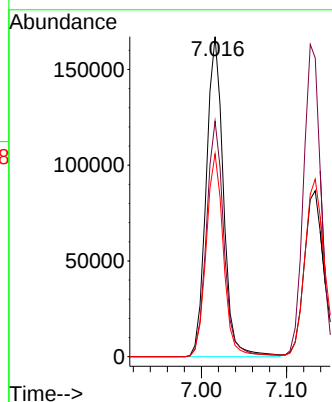
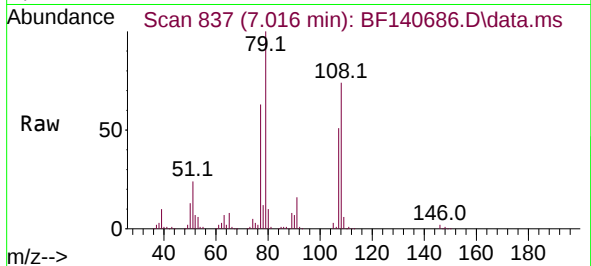
ClientSampleId :

PB165294BS

Tgt Ion: 79 Resp: 234354
Ion Ratio Lower Upper
79 100
108 73.6 55.0 82.6
77 63.4 50.1 75.1

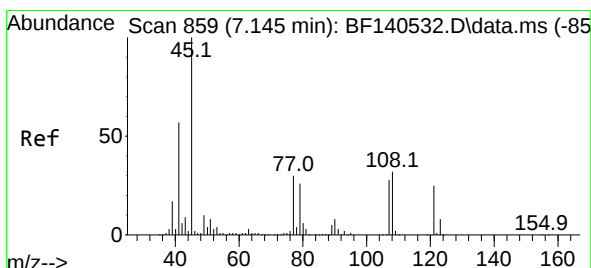
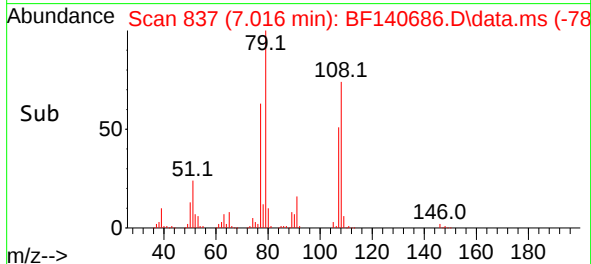
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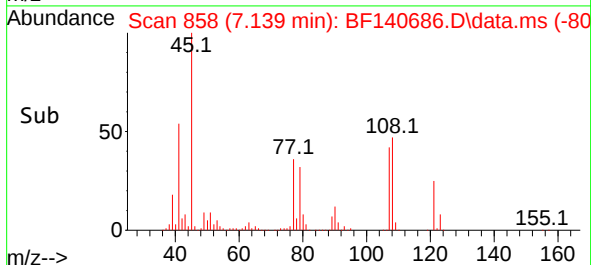
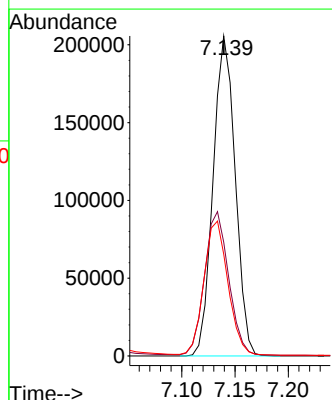
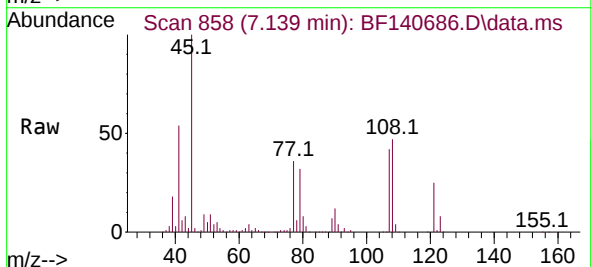
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Supervised By :mohammad
ahmed

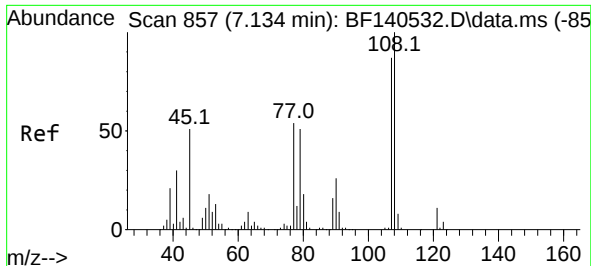
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.384 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

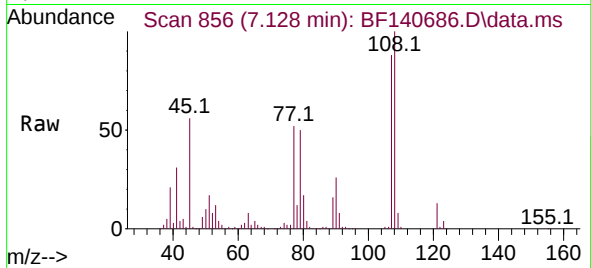
Tgt Ion: 45 Resp: 296153
Ion Ratio Lower Upper
45 100
77 35.5 10.7 50.7
79 31.8 7.0 47.0





#17
2-Methylphenol
Concen: 55.101 ng
RT: 7.128 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

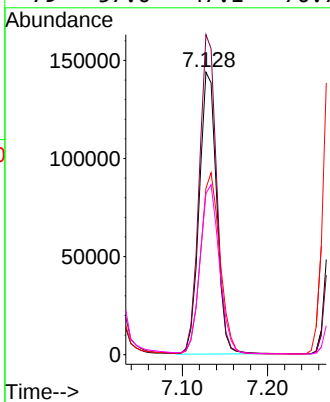
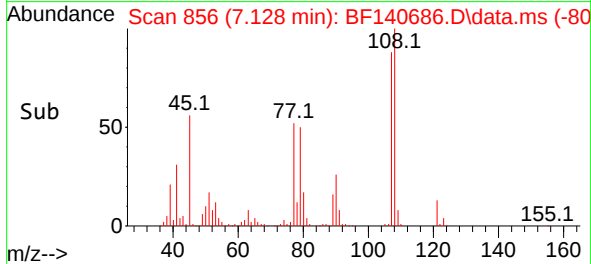
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:	107	Resp:	204200
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.7	137.5
77	58.9	49.3	73.9
79	57.0	47.1	70.7

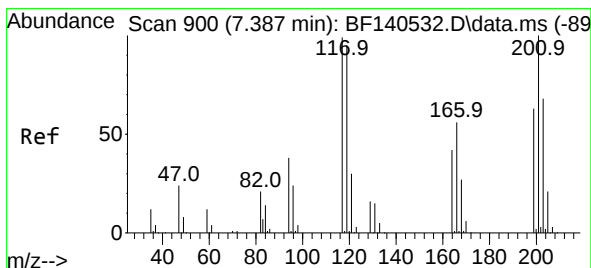
Manual Integrations
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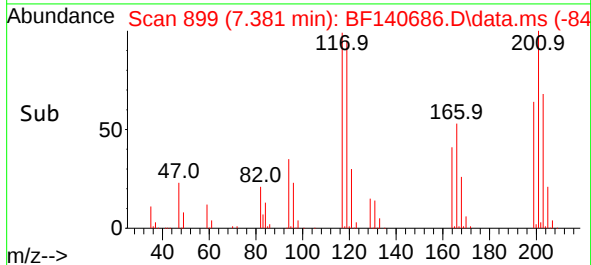
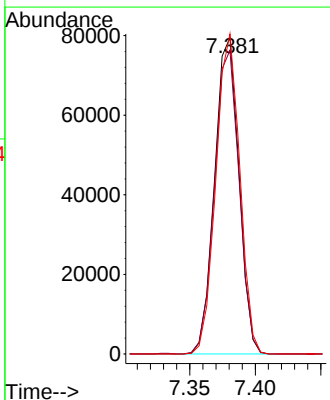
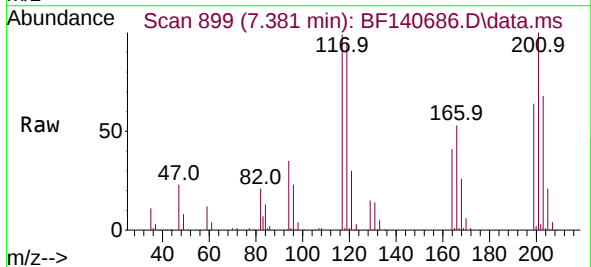
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#18
Hexachloroethane
Concen: 52.104 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:	117	Resp:	102505
Ion Ratio	Lower	Upper	
117	100		
119	96.0	77.1	115.7
201	101.1	81.1	121.7





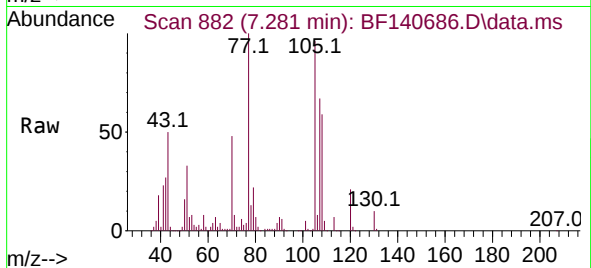
#19
n-Nitroso-di-n-propylamine
Concen: 53.894 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

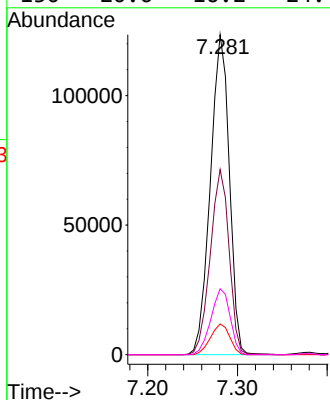
PB165294BS



Tgt Ion: 70 Resp: 181204
Ion Ratio Lower Upper
70 100
42 57.9 47.6 71.4
101 9.6 7.6 11.4
130 20.6 16.2 24.4

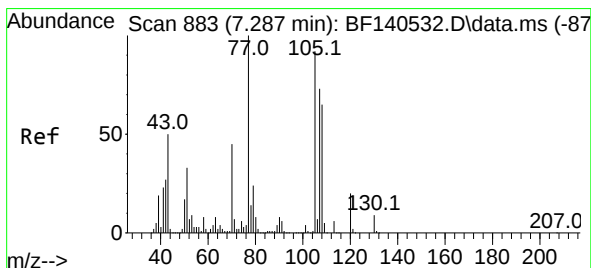
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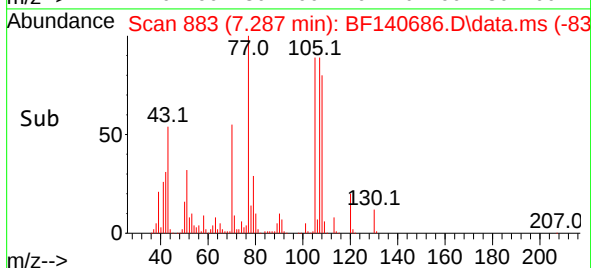
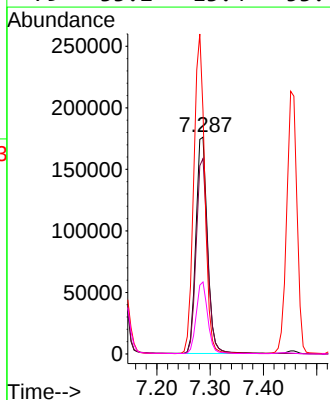
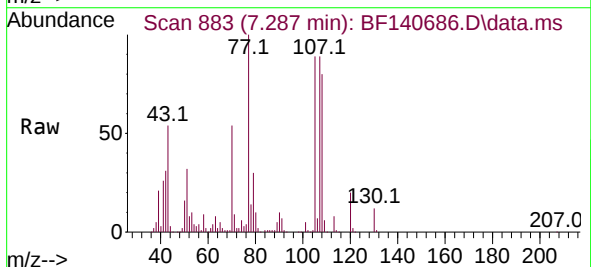
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#20
3+4-Methylphenols
Concen: 55.711 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:107 Resp: 265384
Ion Ratio Lower Upper
107 100
108 90.1 69.9 109.9
77 112.1 117.7 157.7#
79 33.2 13.4 53.4





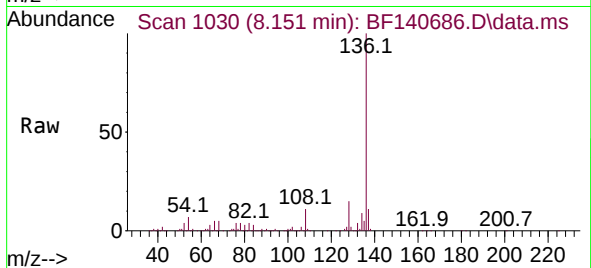
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

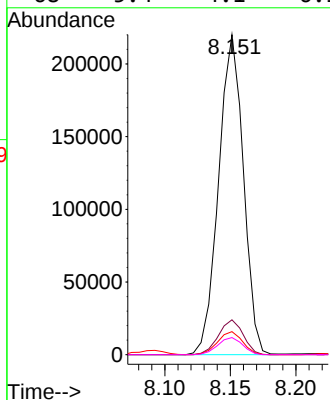
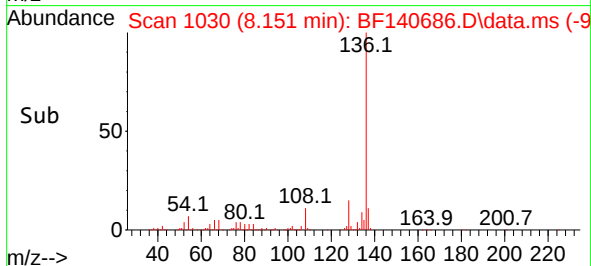
PB165294BS



Tgt Ion:136 Resp: 289038
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.2 5.8 8.8
68 5.4 4.1 6.1

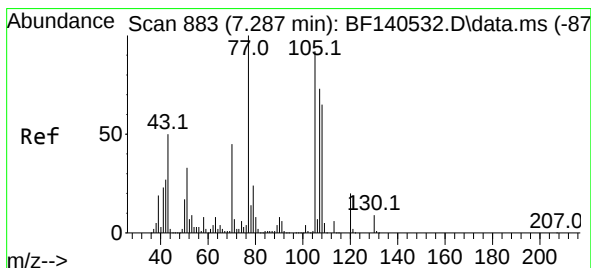
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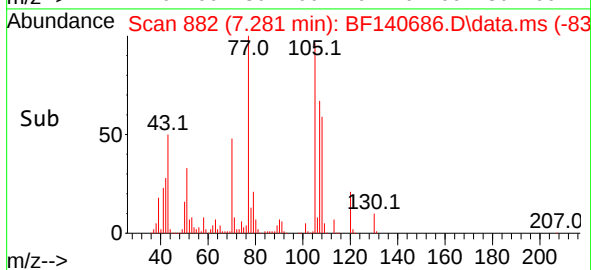
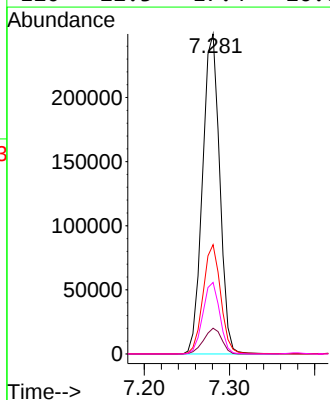
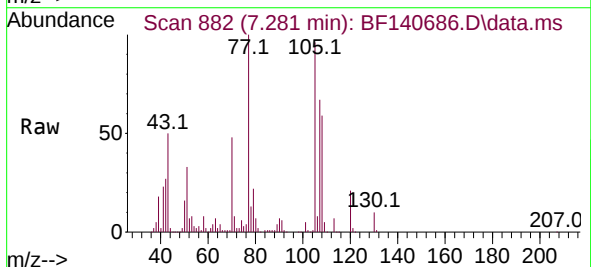
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#22
Acetophenone
Concen: 49.693 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:105 Resp: 350168
Ion Ratio Lower Upper
105 100
71 8.1 6.2 9.2
51 34.2 29.0 43.6
120 22.3 17.4 26.0





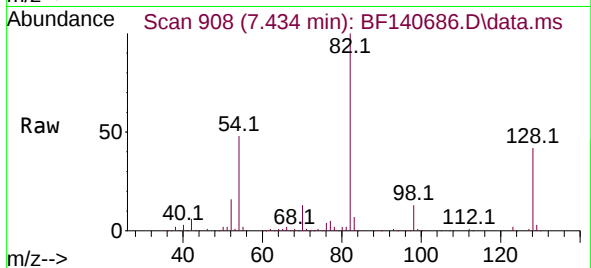
#23
Nitrobenzene-d5
Concen: 98.365 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

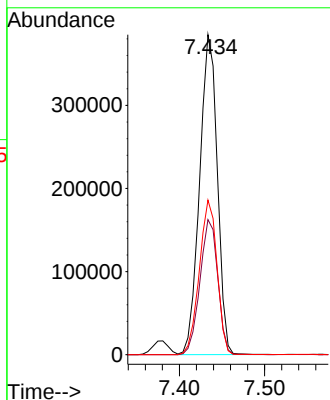
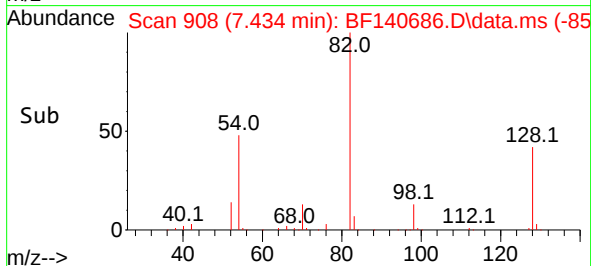
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Tgt Ion: 82 Resp: 555830
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.4
54 48.3 39.5 59.3

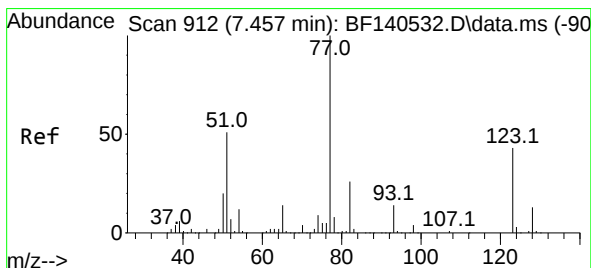
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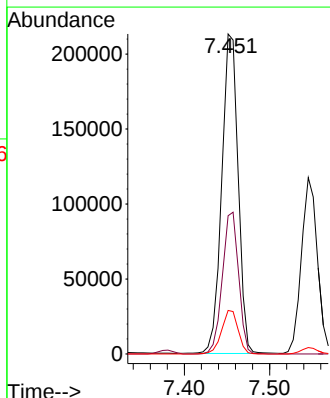
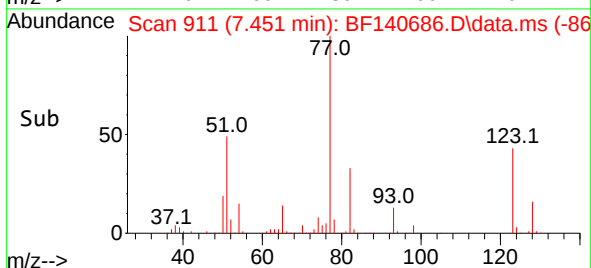
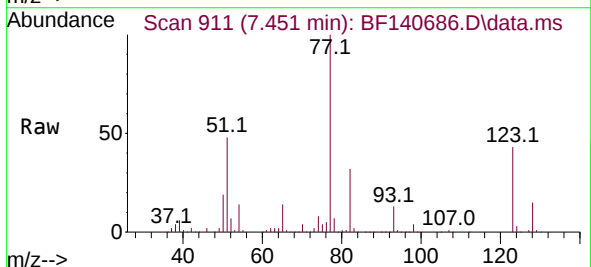
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#24
Nitrobenzene
Concen: 48.867 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion: 77 Resp: 285397
Ion Ratio Lower Upper
77 100
123 43.2 34.3 51.5
65 13.6 11.2 16.8





#25
Isophorone
Concen: 52.384 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

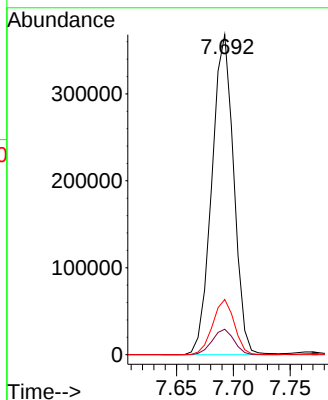
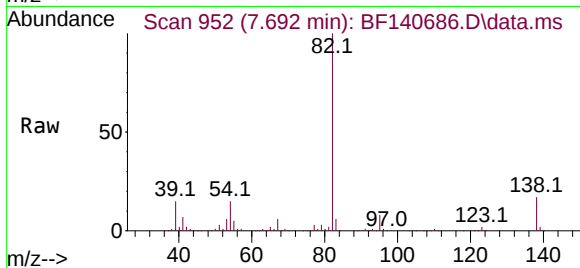
ClientSampleId :

PB165294BS

Tgt Ion: 82 Resp: 493720
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.3 13.8 20.6

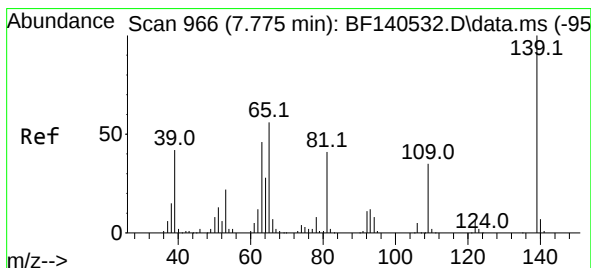
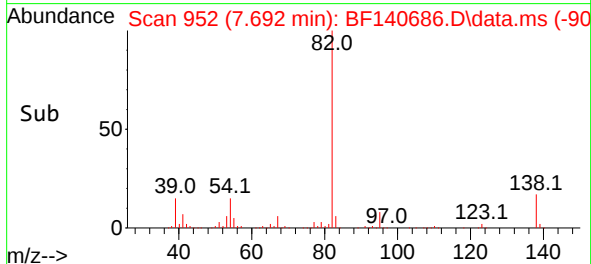
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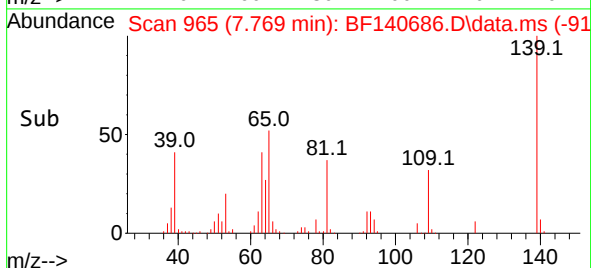
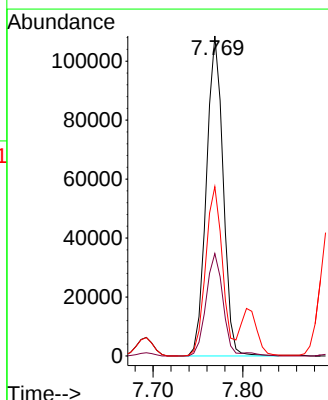
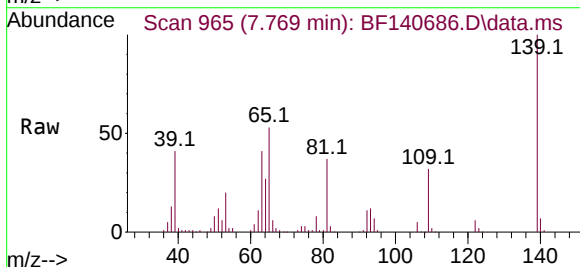
12/03/2024
Supervised By :mohammad
ahmed

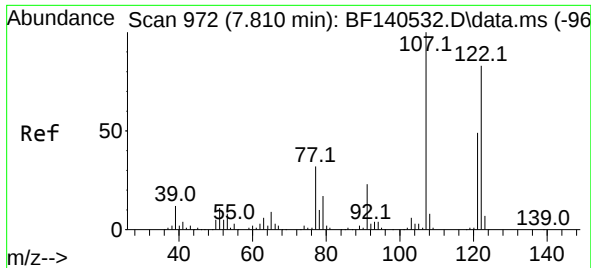
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#26
2-Nitrophenol
Concen: 54.323 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:139 Resp: 140594
Ion Ratio Lower Upper
139 100
109 32.0 28.0 42.0
65 52.9 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 67.193 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

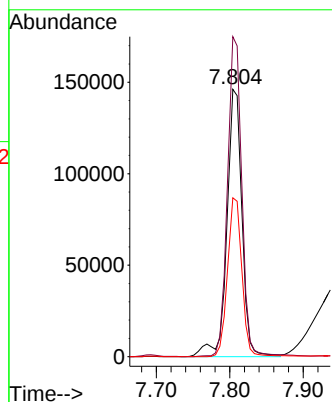
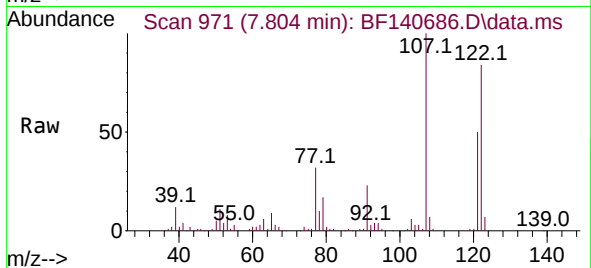
ClientSampleId :

PB165294BS

Tgt Ion:122 Resp: 20807
Ion Ratio Lower Upper
122 100
107 119.7 96.8 145.2
121 59.4 47.4 71.0

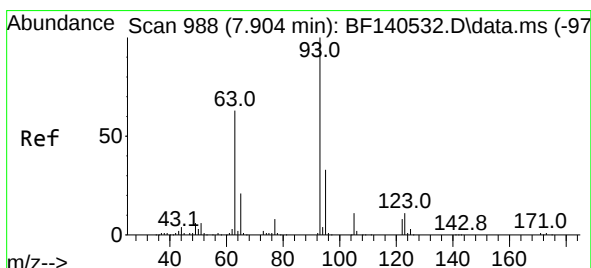
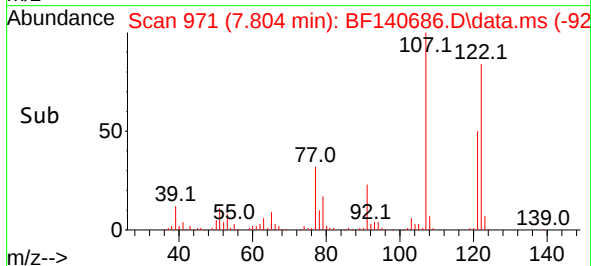
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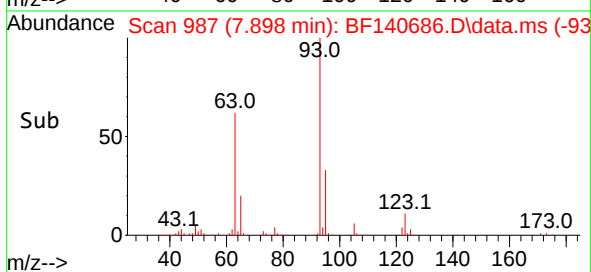
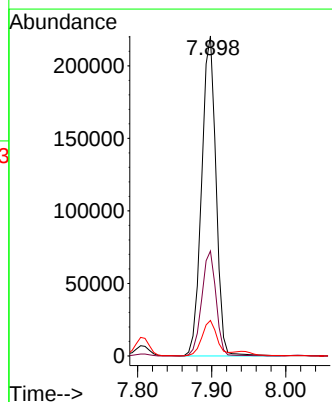
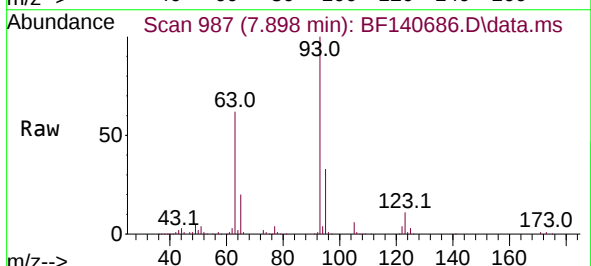
12/03/2024
Supervised By :mohammad
ahmed

12/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.735 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion: 93 Resp: 297049
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.1 9.1 13.7





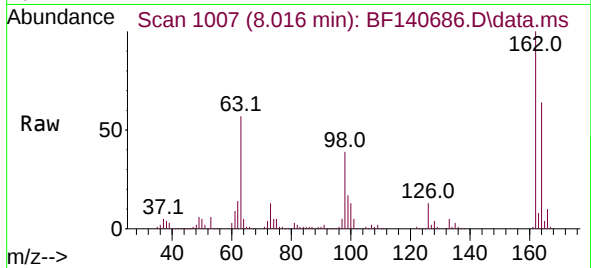
#29
2,4-Dichlorophenol
Concen: 53.631 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

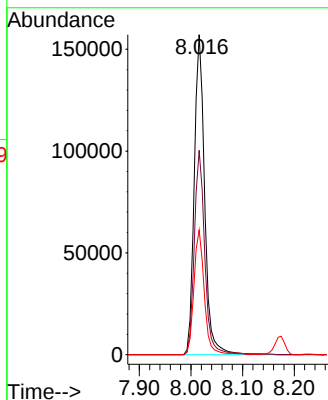
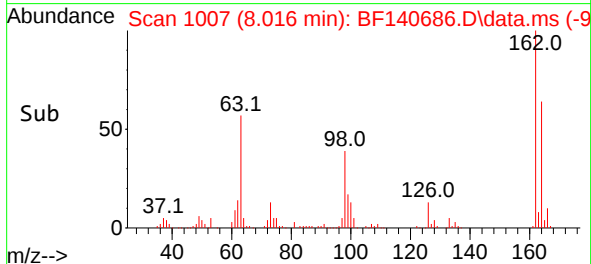
PB165294BS



Tgt Ion:162 Resp: 220064
Ion Ratio Lower Upper
162 100
164 63.9 44.8 84.8
98 39.0 21.2 61.2

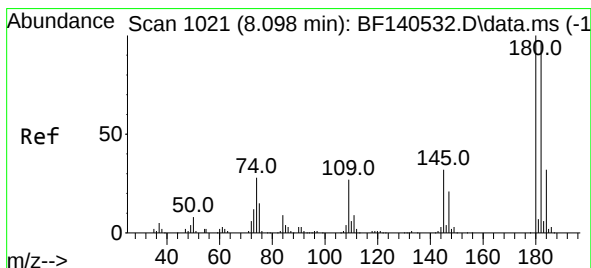
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

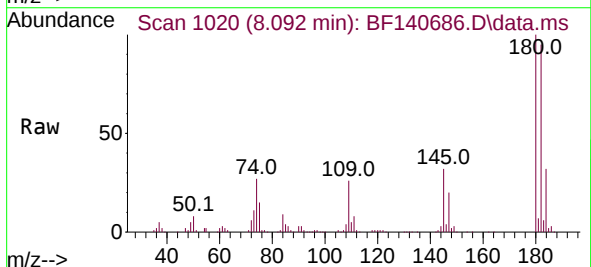


12/03/2024
Supervised By :mohammad
ahmed

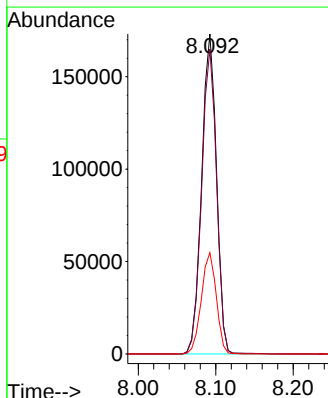
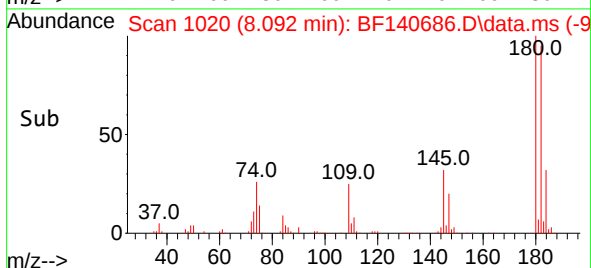
12/05/2024

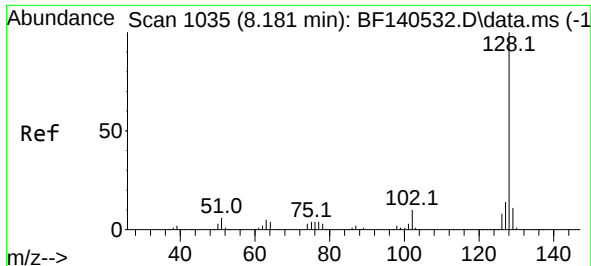


#30
1,2,4-Trichlorobenzene
Concen: 49.160 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41



Tgt Ion:180 Resp: 230314
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 31.6 25.9 38.9





#31
Naphthalene
Concen: 50.954 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

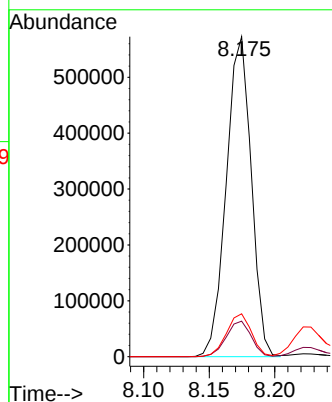
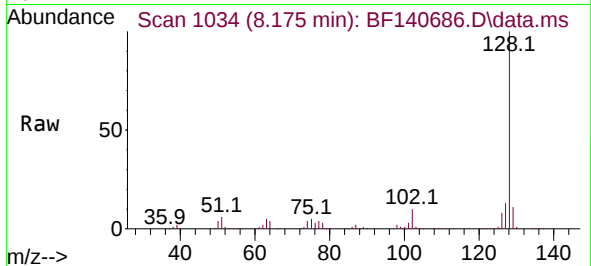
ClientSampleId :

PB165294BS

Tgt Ion:128 Resp: 75860
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2

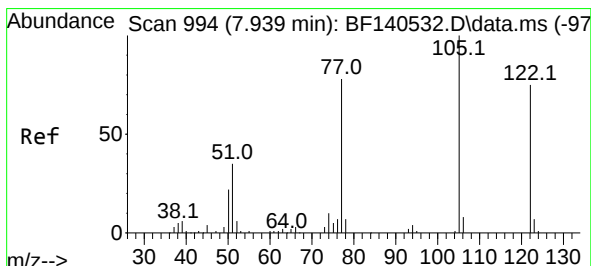
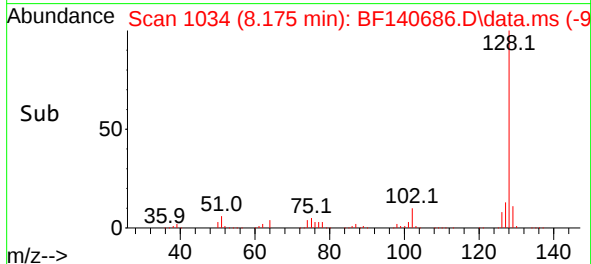
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



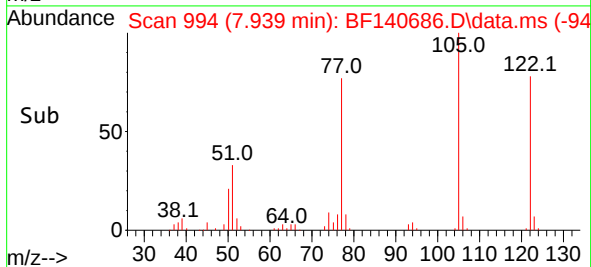
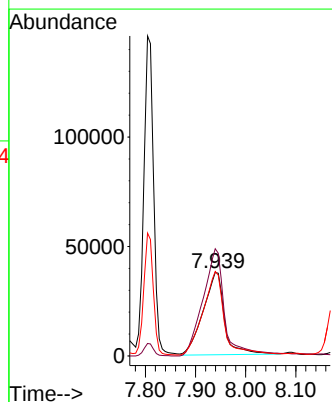
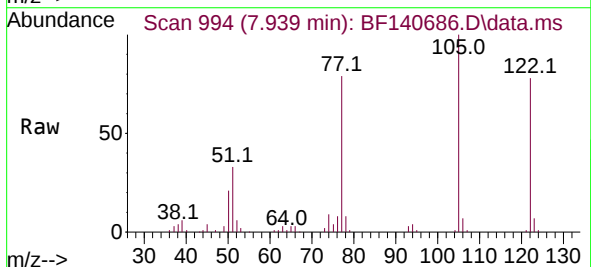
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Supervised By :mohammad
ahmed

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#32
Benzoic acid
Concen: 42.226 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:122 Resp: 111046
Ion Ratio Lower Upper
122 100
105 128.3 109.3 149.3
77 101.2 82.3 122.3





#33
4-Chloroaniline
Concen: 24.661 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

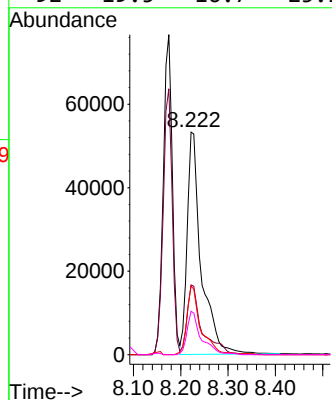
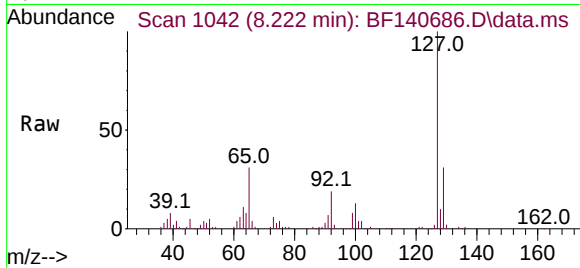
ClientSampleId :

PB165294BS

Tgt Ion:127 Resp: 109929
Ion Ratio Lower Upper
127 100
129 31.4 26.0 39.0
65 30.9 26.0 39.0
92 19.5 16.7 25.1

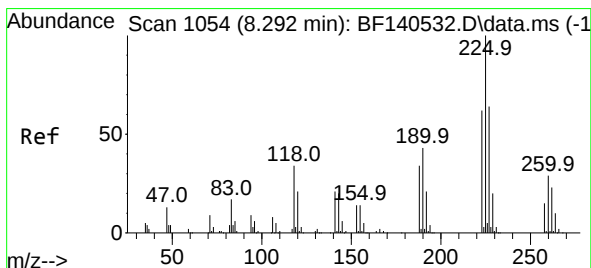
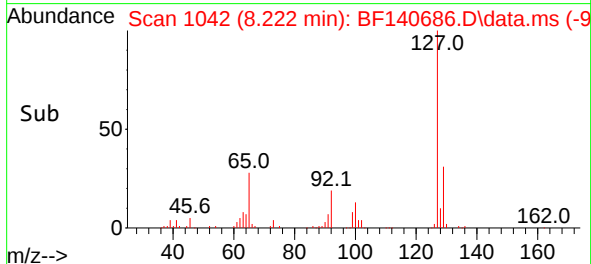
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Reviewed By :Yogesh
Patel



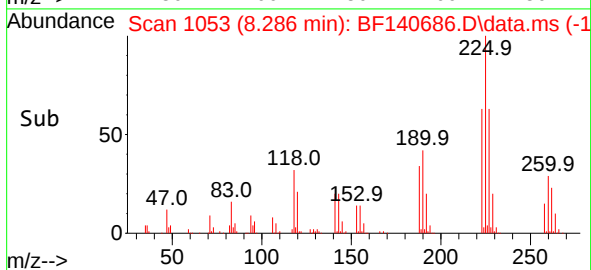
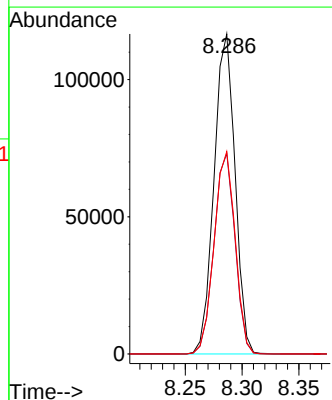
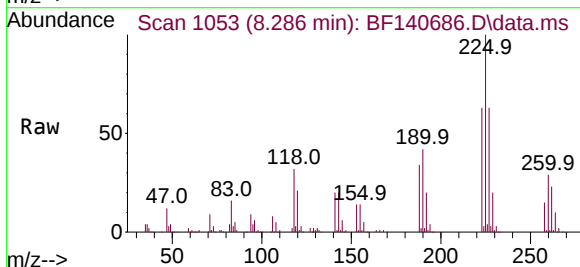
12/03/2024
Supervised By :mohammad
ahmed

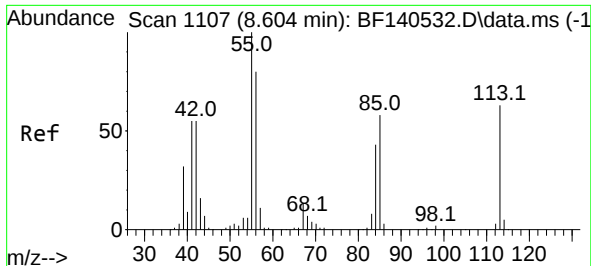
12/05/2024



#34
Hexachlorobutadiene
Concen: 48.354 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:225 Resp: 150049
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.8
227 63.3 51.3 76.9





#35
Caprolactam
Concen: 55.603 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

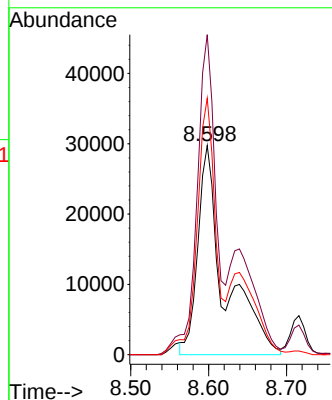
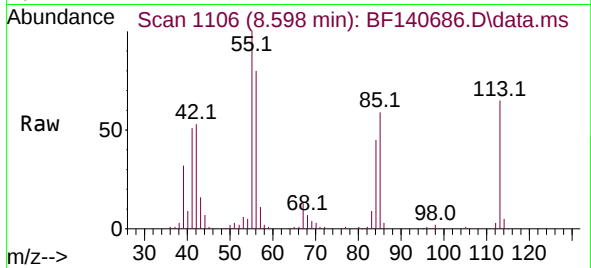
ClientSampleId :

PB165294BS

Tgt Ion:113 Resp: 7060
Ion Ratio Lower Upper
113 100
55 153.0 137.7 177.7
56 122.6 106.4 146.4

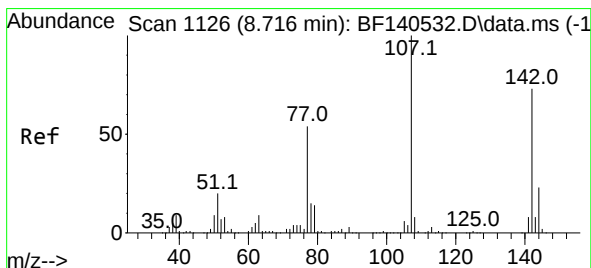
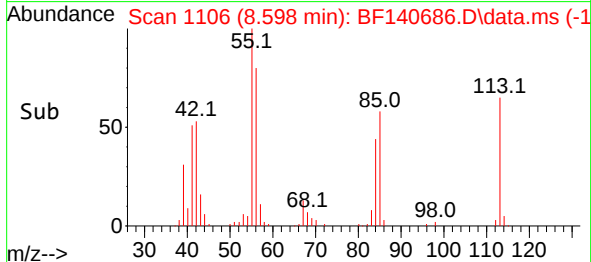
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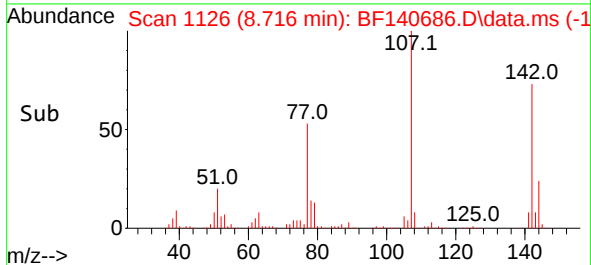
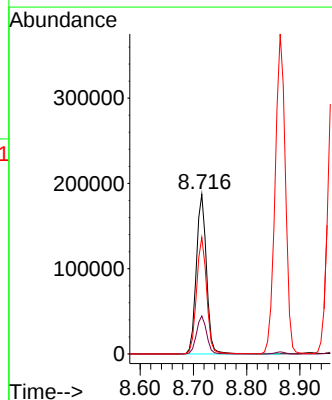
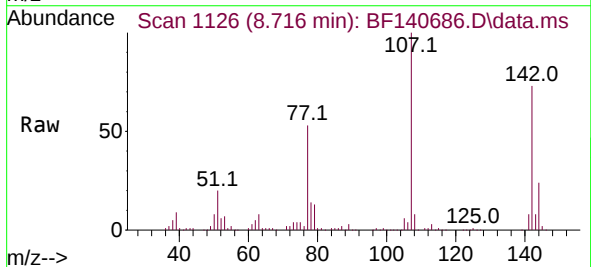
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Supervised By :mohammad
ahmed

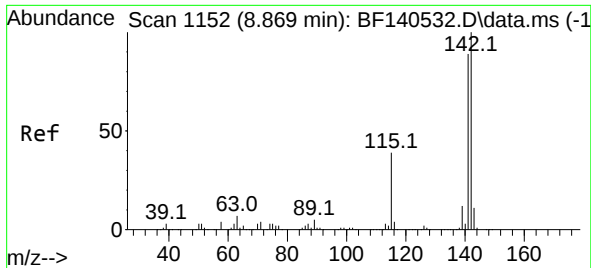
12/05/2024



#36
4-Chloro-3-methylphenol
Concen: 54.015 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:107 Resp: 248152
Ion Ratio Lower Upper
107 100
144 23.9 18.7 28.1
142 73.0 58.3 87.5





#37
2-Methylnaphthalene
Concen: 52.978 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

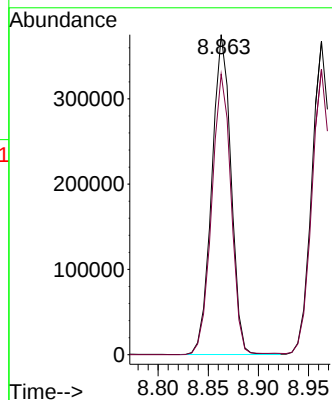
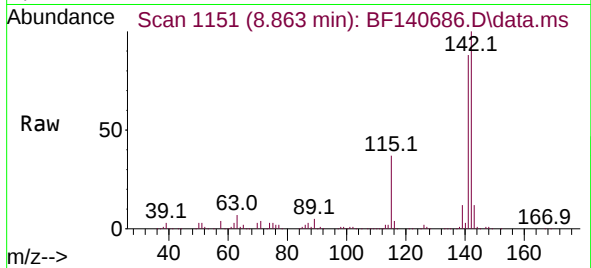
ClientSampleId :

PB165294BS

Tgt Ion:142 Resp: 50097
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6

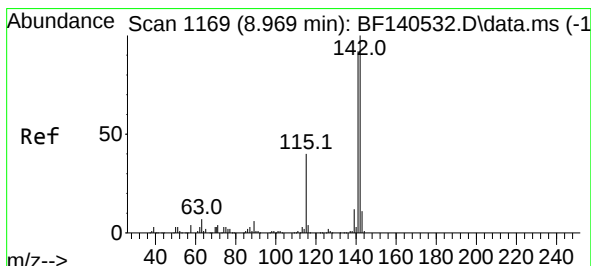
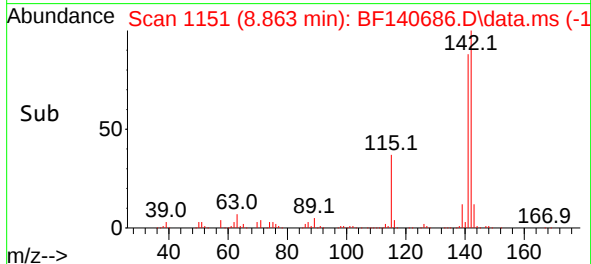
Manual Integrations
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Reviewed By :Yogesh
Patel



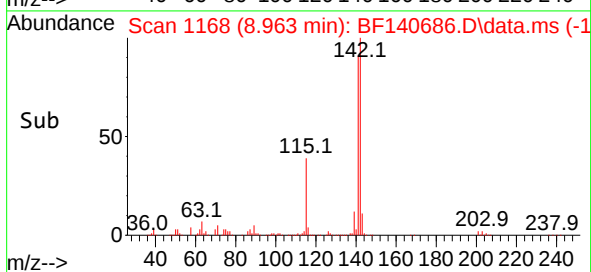
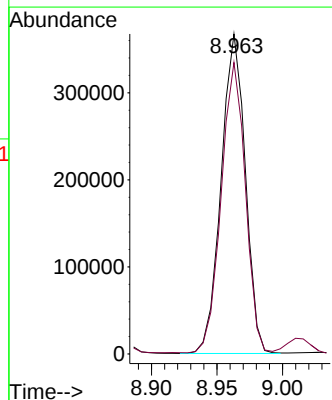
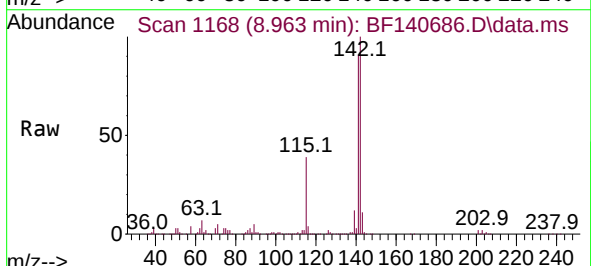
12/03/2024
Supervised By :mohammad
ahmed

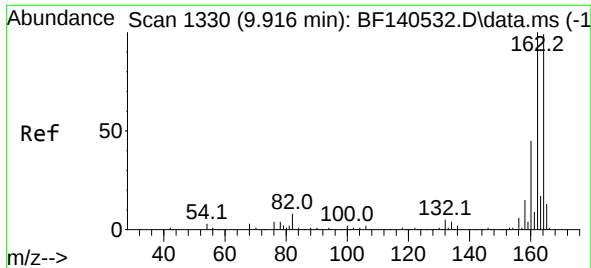
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#38
1-Methylnaphthalene
Concen: 50.763 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:142 Resp: 470526
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9





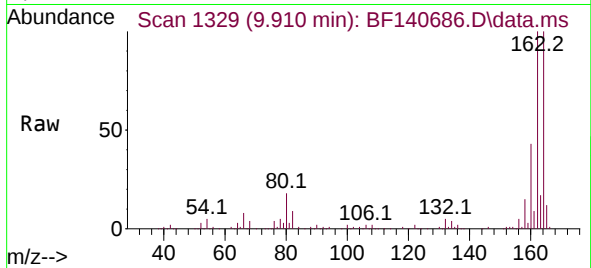
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

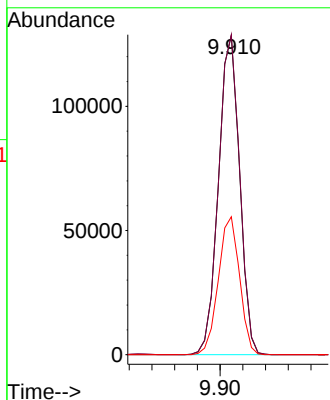
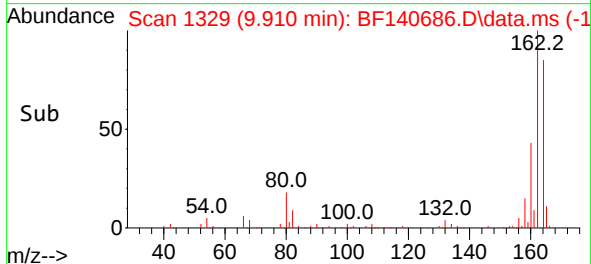
PB165294BS



Tgt Ion:164 Resp: 16598
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 43.3 36.2 54.4

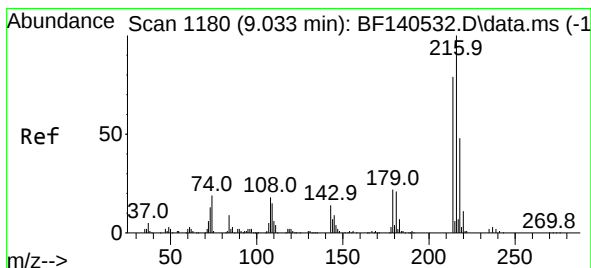
Manual Integrations
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Patel

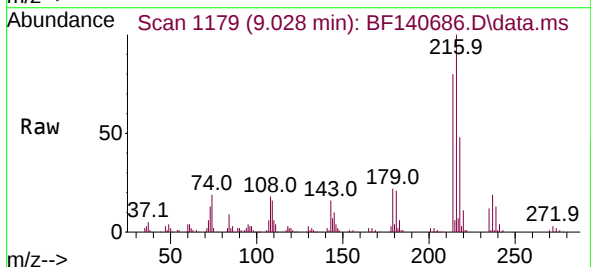


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Supervised By :mohammad
ahmed

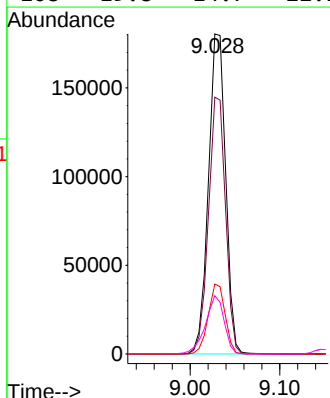
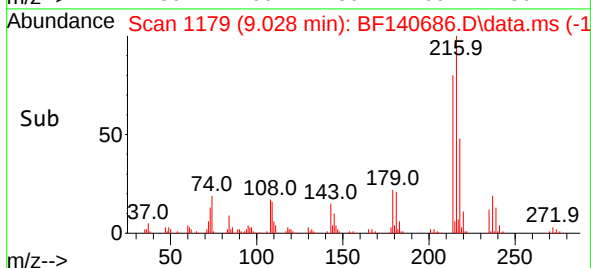
12/05/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.428 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41



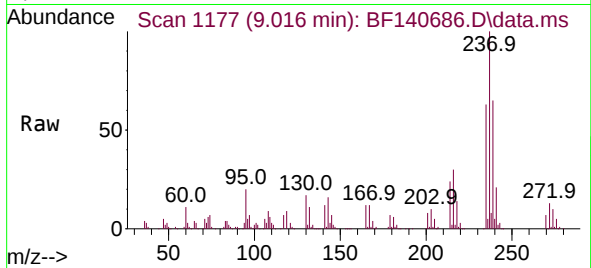
Tgt Ion:216 Resp: 240177
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.4
179 21.5 17.5 26.3
108 19.8 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 168.656 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

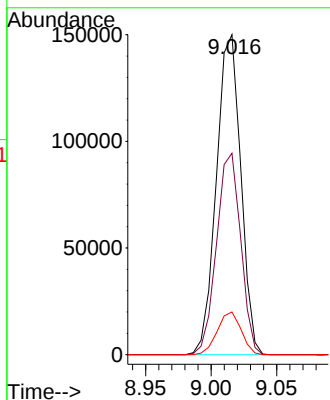
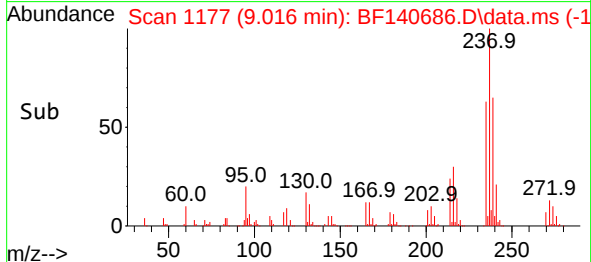
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:237 Resp: 193920
Ion Ratio Lower Upper
237 100
235 62.9 41.1 81.1
272 13.3 0.0 32.6

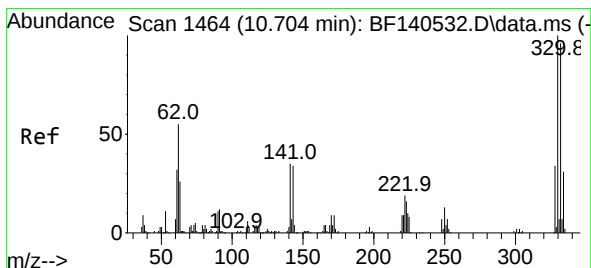
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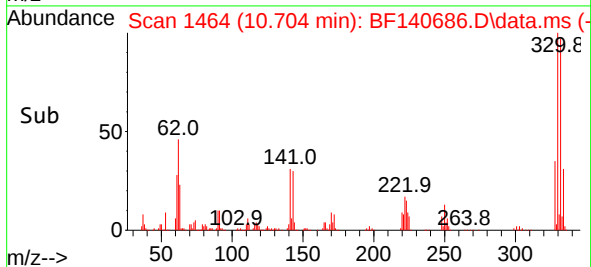
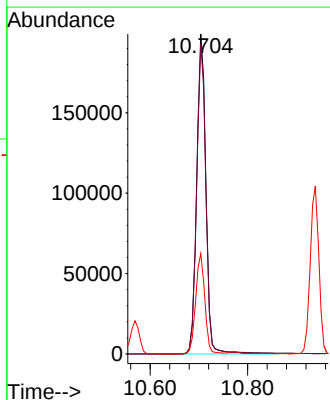
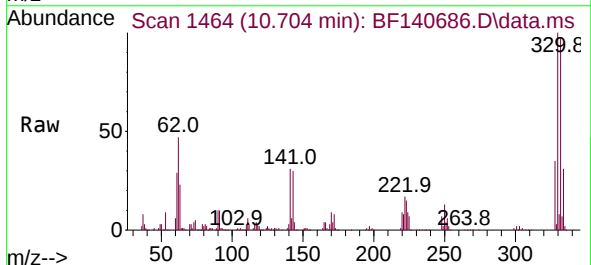
12/03/2024
Supervised By :mohammad
ahmed

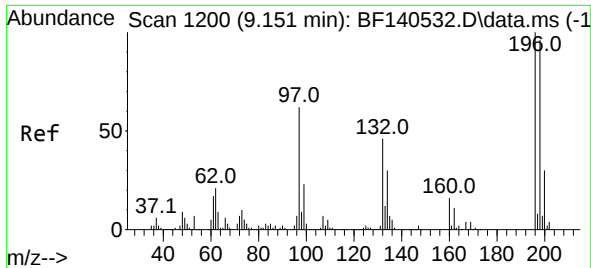
12/05/2024



#42
2,4,6-Tribromophenol
Concen: 148.932 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

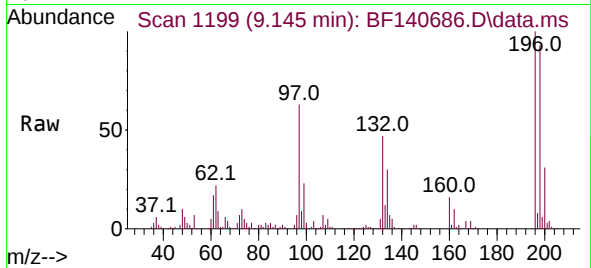
Tgt Ion:330 Resp: 264384
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 31.0 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 50.407 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

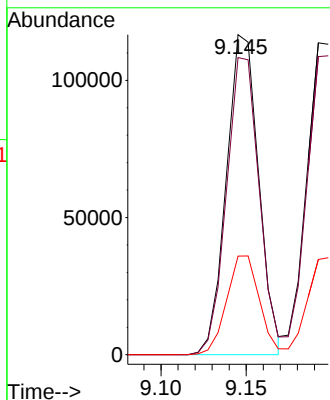
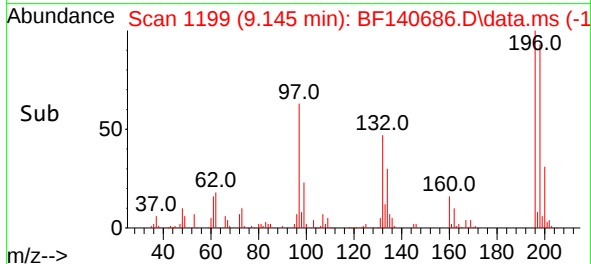
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:196 Resp: 15369
Ion Ratio Lower Upper
196 100
198 92.9 76.8 115.2
200 30.8 24.3 36.5

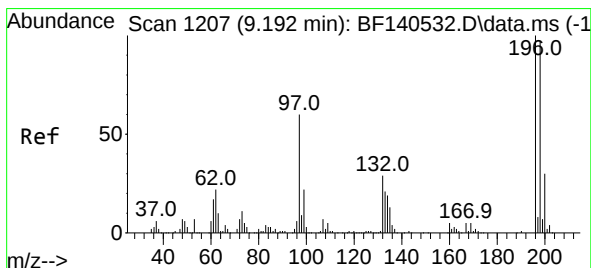
Manual Integrations
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Reviewed By :Yogesh
Patel

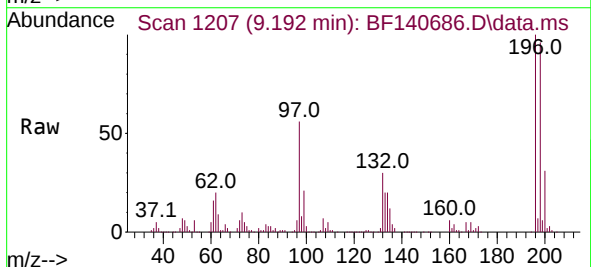


12/03/2024
Supervised By :mohammad
ahmed

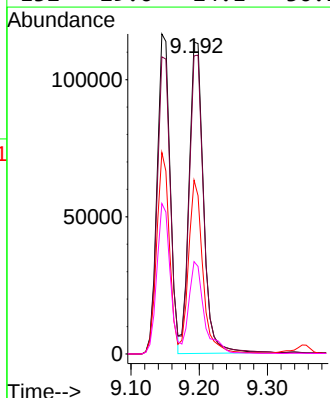
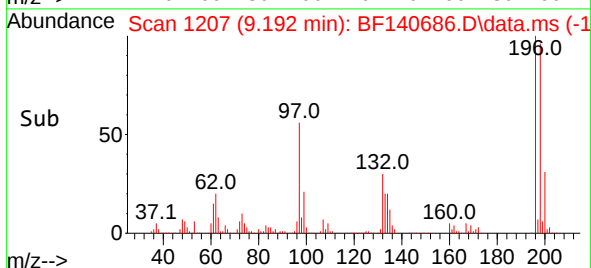
12/05/2024

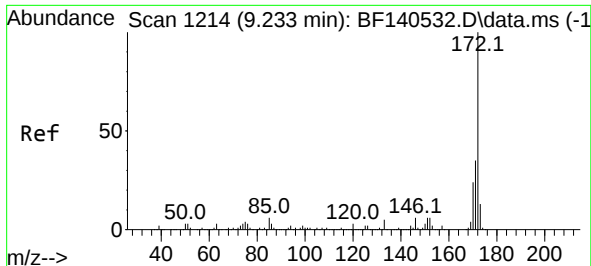


#44
2,4,5-Trichlorophenol
Concen: 50.124 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41



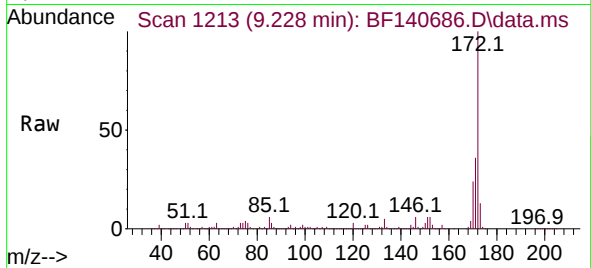
Tgt Ion:196 Resp: 165866
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
97 55.7 47.1 70.7
132 29.6 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 96.631 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

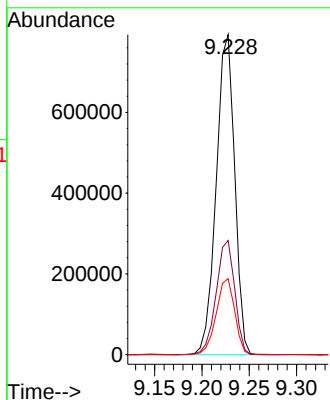
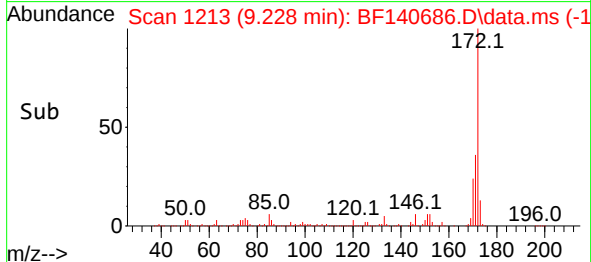
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:172 Resp: 107648
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.0 28.6

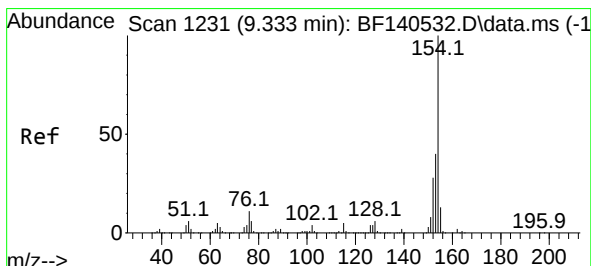
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

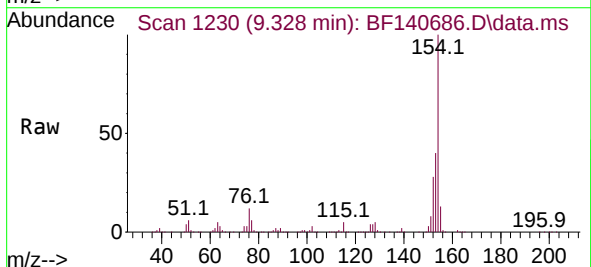


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Supervised By :mohammad
ahmed

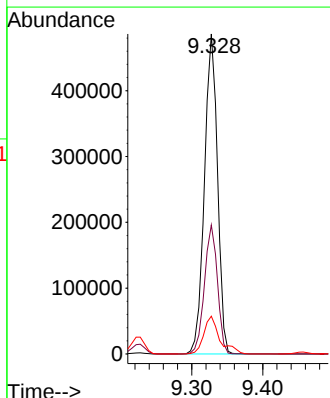
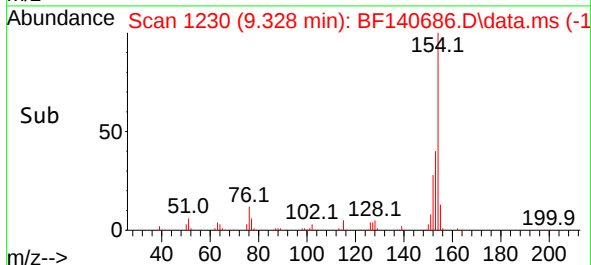
12/05/2024



#46
1,1'-Biphenyl
Concen: 50.310 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41



Tgt Ion:154 Resp: 623466
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.8 0.0 31.2





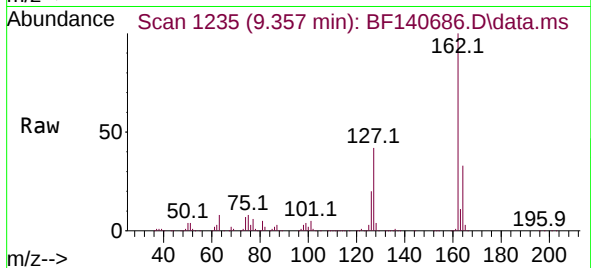
#47
2-Chloronaphthalene
Concen: 50.576 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

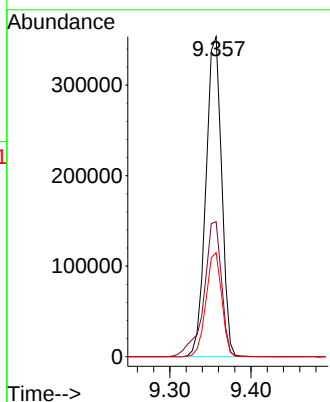
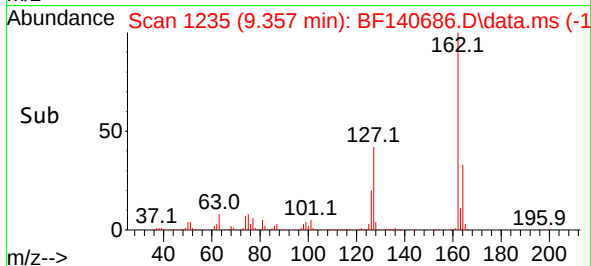
PB165294BS



Tgt Ion:162 Resp: 47491
Ion Ratio Lower Upper
162 100
127 42.2 35.7 53.5
164 32.5 26.1 39.1

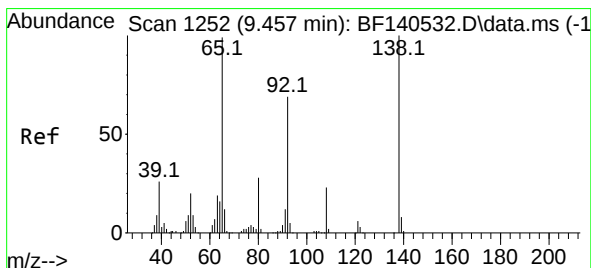
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



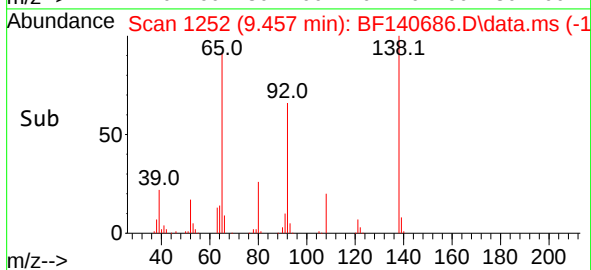
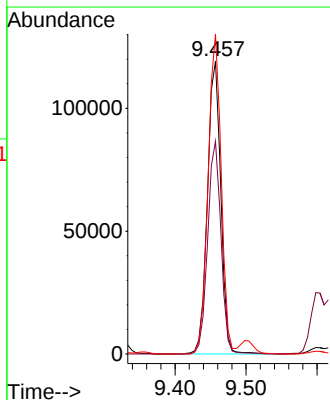
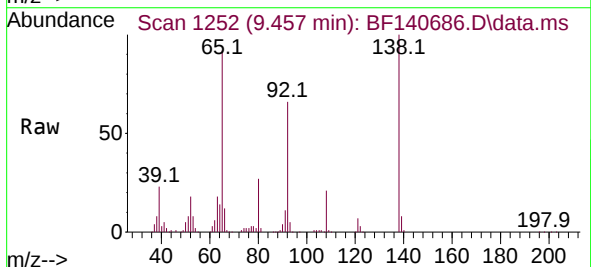
12/03/2024
Supervised By :mohammad
ahmed

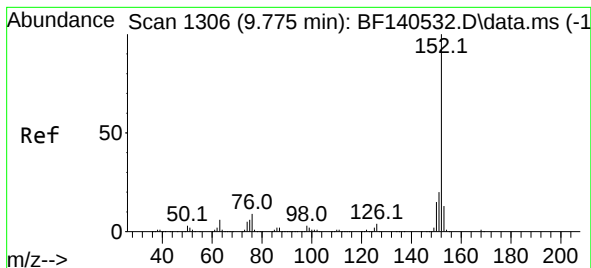
12/05/2024



#48
2-Nitroaniline
Concen: 51.821 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion: 65 Resp: 156189
Ion Ratio Lower Upper
65 100
92 72.6 56.1 84.1
138 109.2 81.0 121.6





#49

Acenaphthylene

Concen: 55.132 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

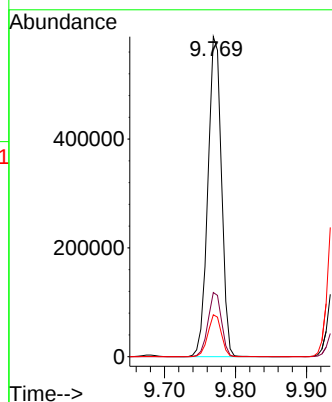
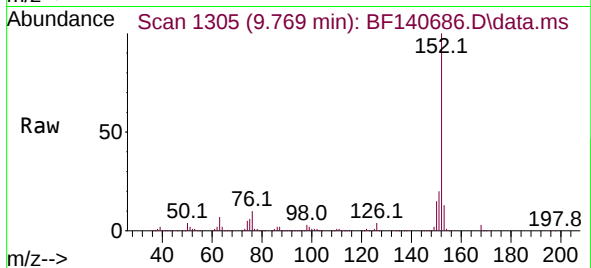
ClientSampleId :

PB165294BS

Tgt Ion:152 Resp: 78219
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.9 23.9
 153 13.1 10.6 16.0

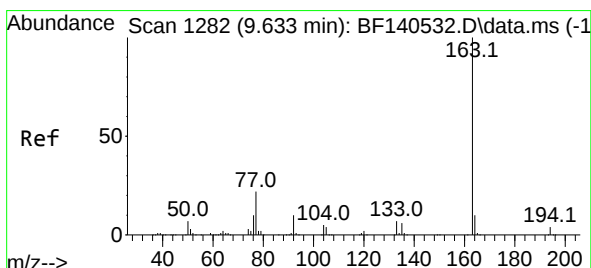
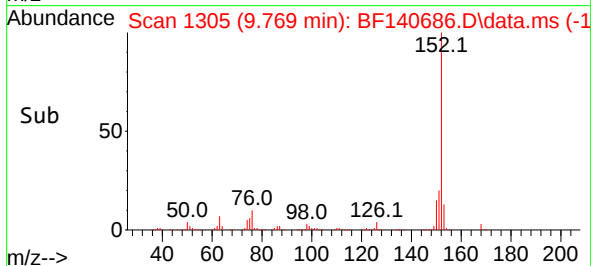
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



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 Supervised By :mohammad
 ahmed

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#50

Dimethylphthalate

Concen: 52.175 ng

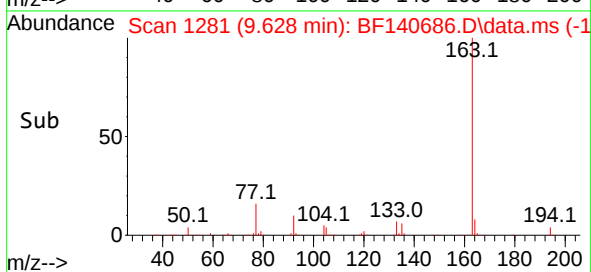
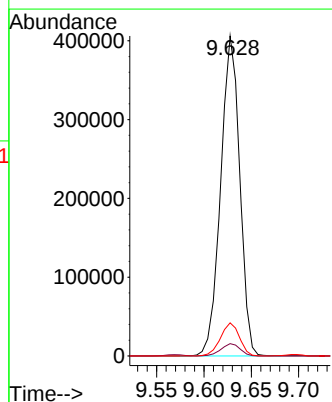
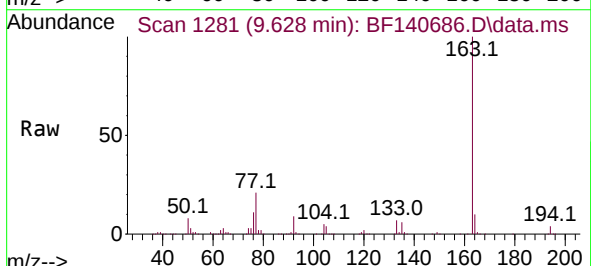
RT: 9.628 min Scan# 1281

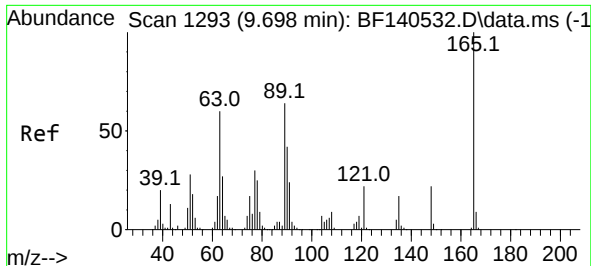
Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Tgt Ion:163 Resp: 570348
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.1 4.7
 164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 50.537 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

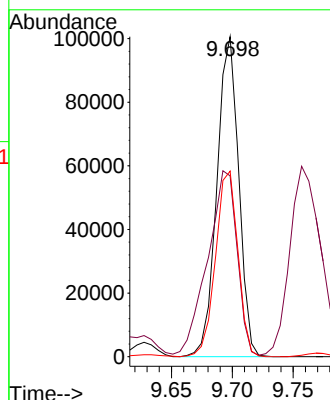
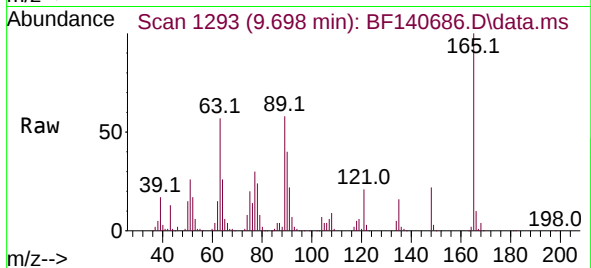
ClientSampleId :

PB165294BS

Tgt Ion:165 Resp: 125293
 Ion Ratio Lower Upper
 165 100
 63 56.5 49.9 74.9
 89 58.0 50.9 76.3

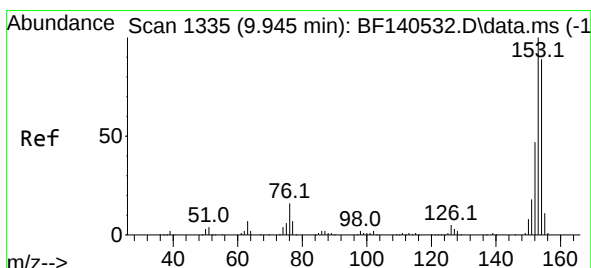
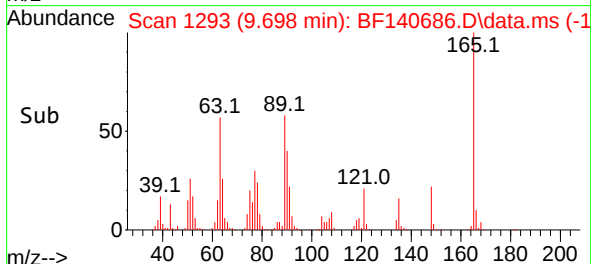
Manual Integrations
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Reviewed By :Yogesh
 Patel



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 Supervised By :mohammad
 ahmed

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#52

Acenaphthene

Concen: 52.790 ng

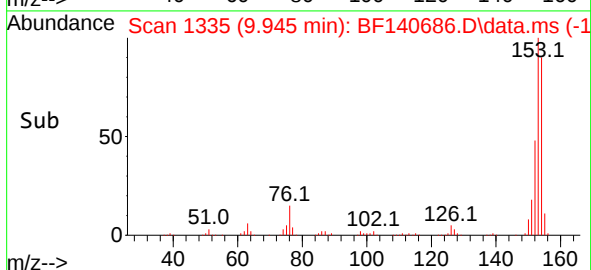
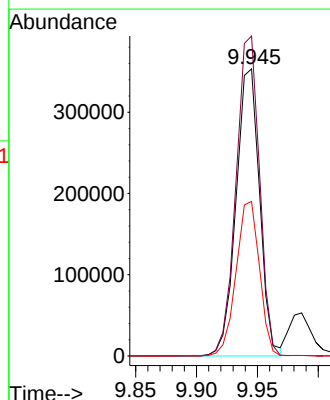
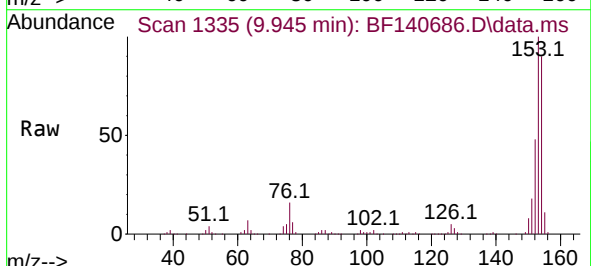
RT: 9.945 min Scan# 1335

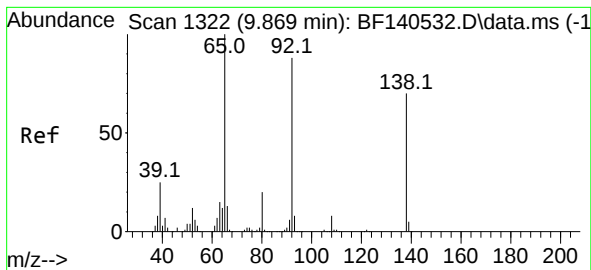
Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Tgt Ion:154 Resp: 475885
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.7 134.5
 152 53.8 42.5 63.7





#53
3-Nitroaniline
Concen: 31.164 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

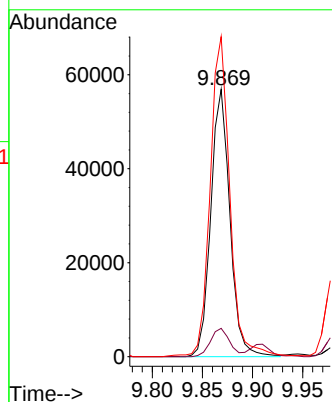
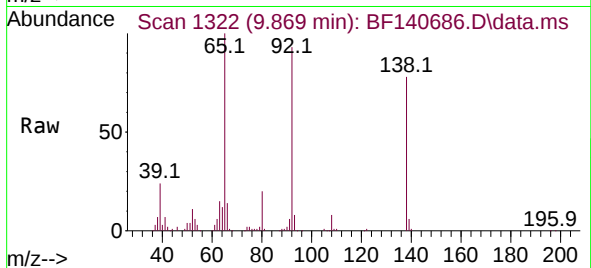
ClientSampleId :

PB165294BS

Tgt Ion:138 Resp: 7556
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 119.7 100.6 150.8

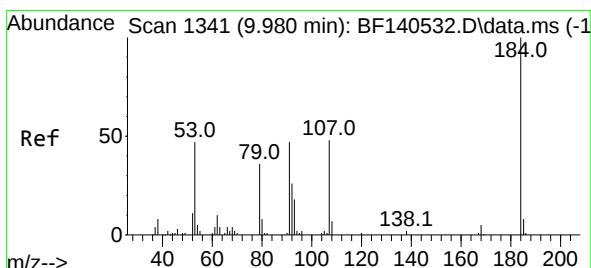
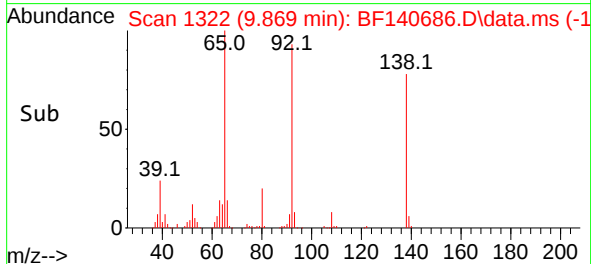
Manual Integrations
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Patel



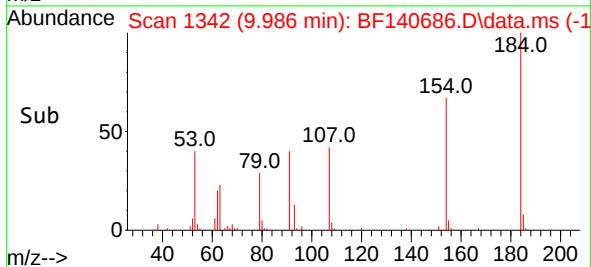
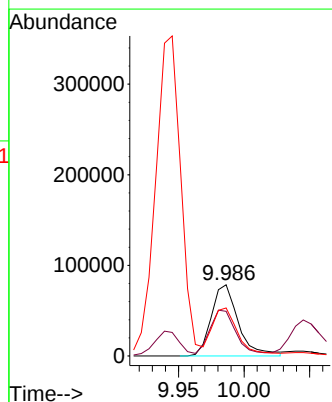
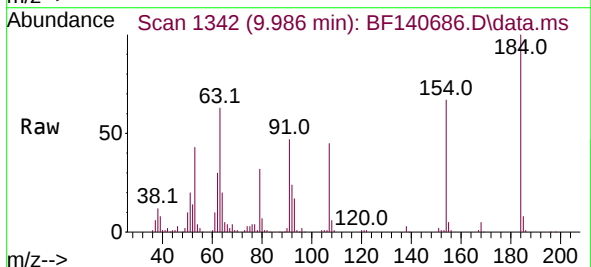
12/03/2024
Supervised By :mohammad
ahmed

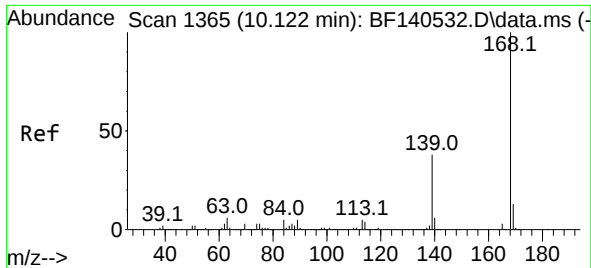
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#54
2,4-Dinitrophenol
Concen: 86.961 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

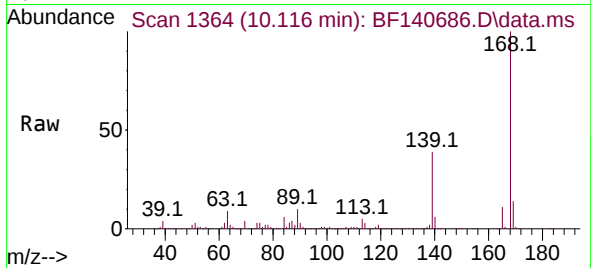
Tgt Ion:184 Resp: 112627
Ion Ratio Lower Upper
184 100
63 62.7 54.1 81.1
154 67.4 57.4 86.0





#55
Dibenzofuran
Concen: 52.142 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

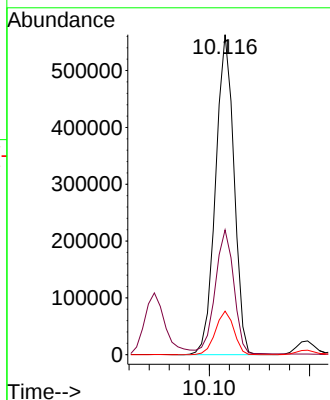
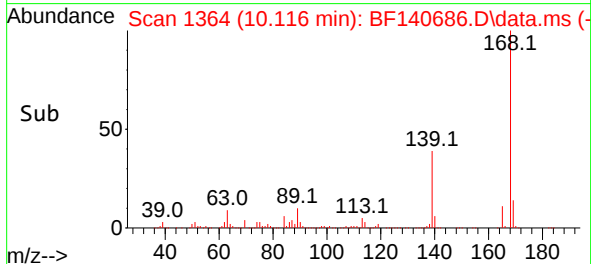
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:168 Resp: 716969
Ion Ratio Lower Upper
168 100
139 39.0 31.3 46.9
169 13.6 10.5 15.7

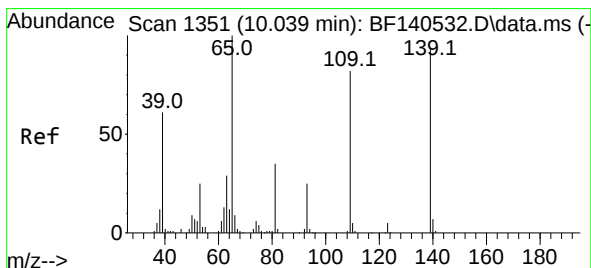
Manual Integrations
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Patel



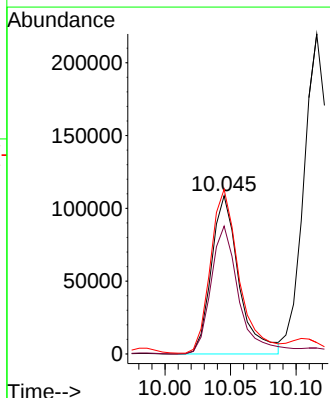
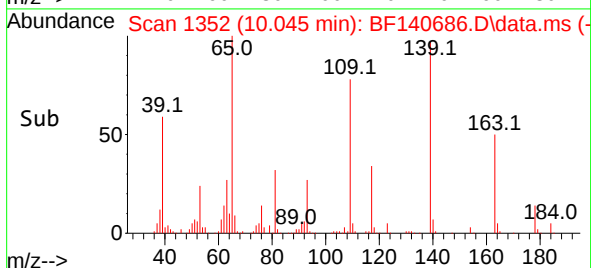
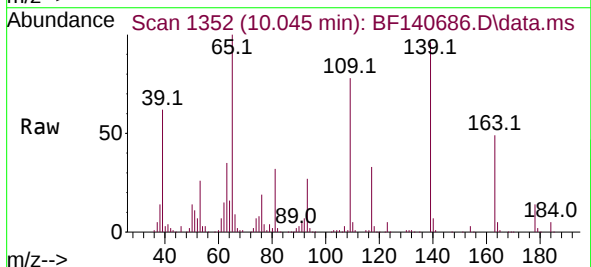
12/03/2024
Supervised By :mohammad
ahmed

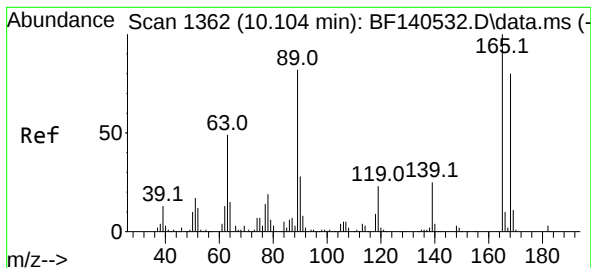
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#56
4-Nitrophenol
Concen: 96.420 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

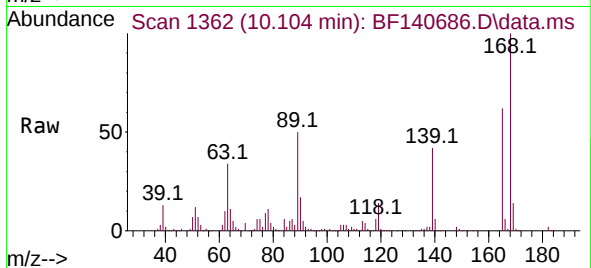
Tgt Ion:139 Resp: 159450
Ion Ratio Lower Upper
139 100
109 80.8 68.4 108.4
65 104.1 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 52.182 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

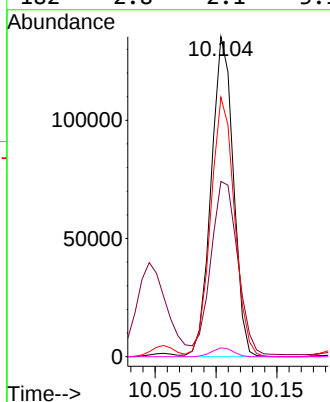
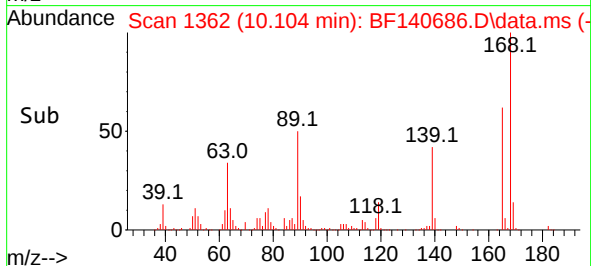
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:165 Resp: 171930
Ion Ratio Lower Upper
165 100
63 54.8 41.7 62.5
89 81.1 65.8 98.8
182 2.8 2.1 3.1

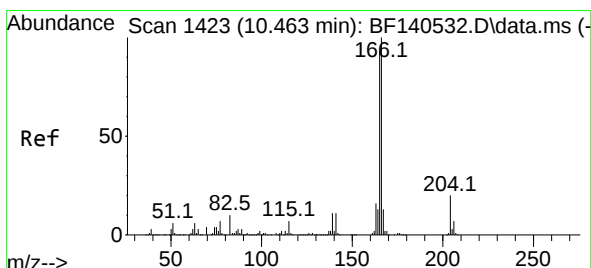
Manual Integrations
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Patel



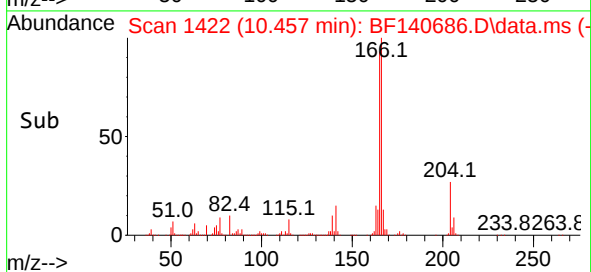
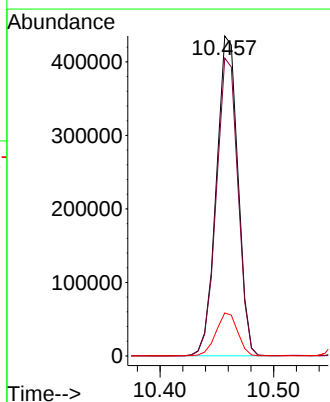
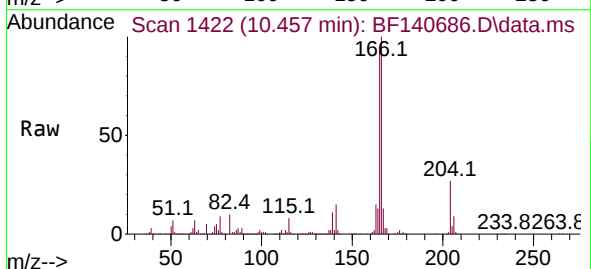
12/03/2024
Supervised By :mohammad
ahmed

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#58
Fluorene
Concen: 51.967 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

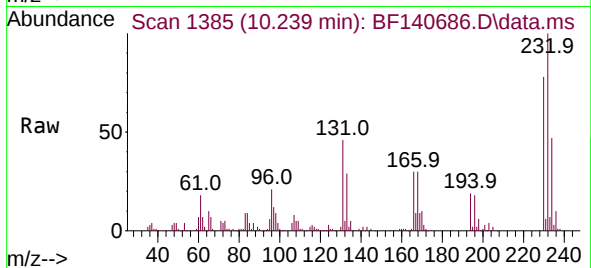
Tgt Ion:166 Resp: 573566
Ion Ratio Lower Upper
166 100
165 93.0 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.897 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

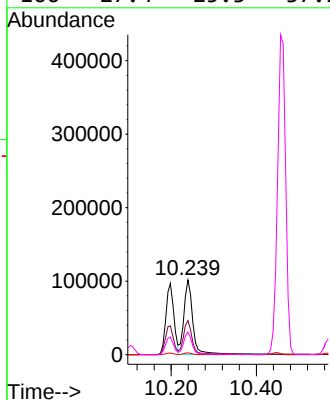
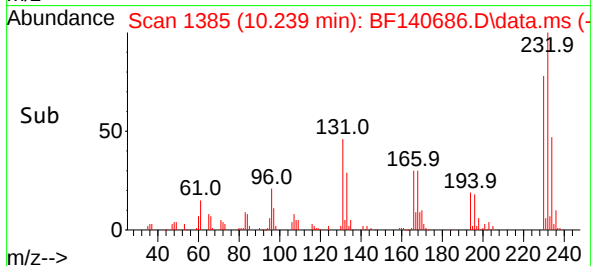
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:232 Resp: 14724
Ion Ratio Lower Upper
232 100
131 43.3 39.6 59.4
130 2.3 1.9 2.9
166 27.4 25.3 37.9

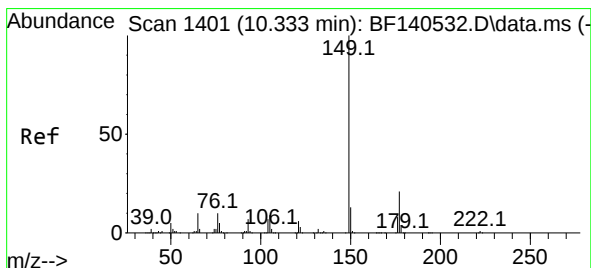
Manual Integrations
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Patel

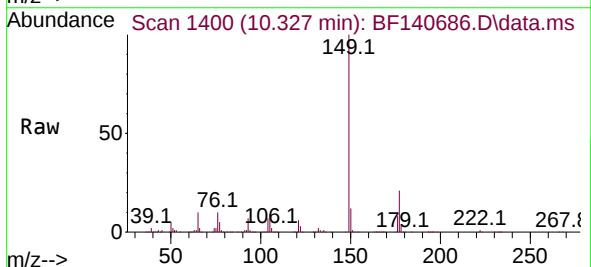


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Supervised By :mohammad
ahmed

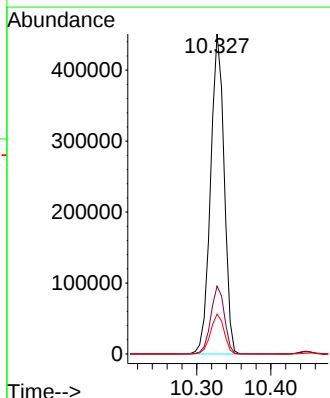
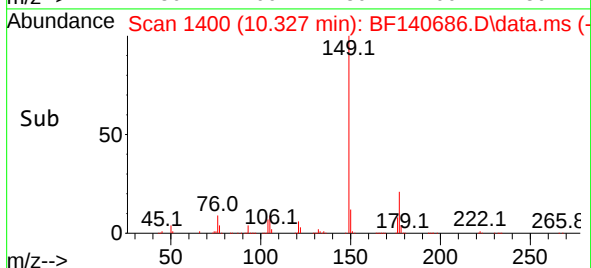
12/05/2024

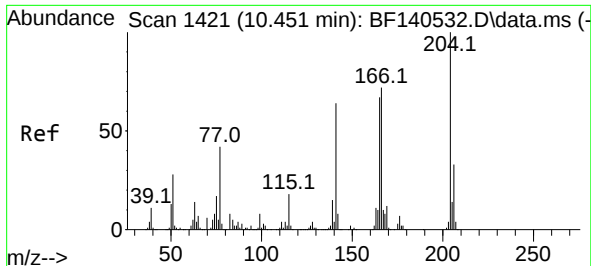


#60
Diethylphthalate
Concen: 51.517 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41



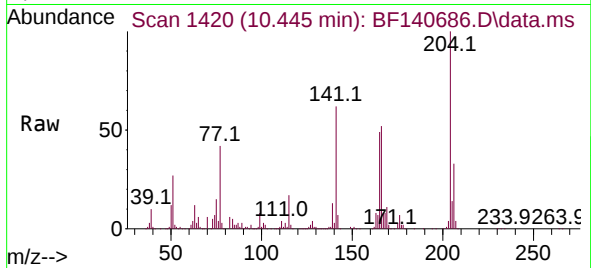
Tgt Ion:149 Resp: 572178
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.533 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

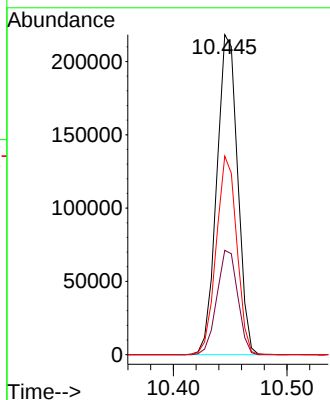
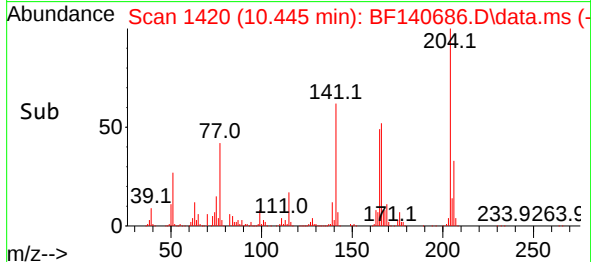
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:204 Resp: 279125
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.1 51.1 76.7

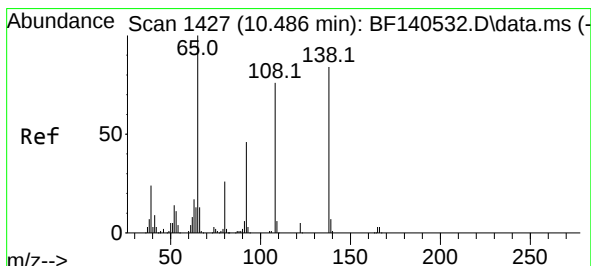
Manual Integrations
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Patel



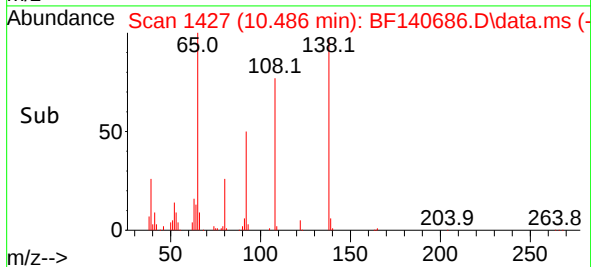
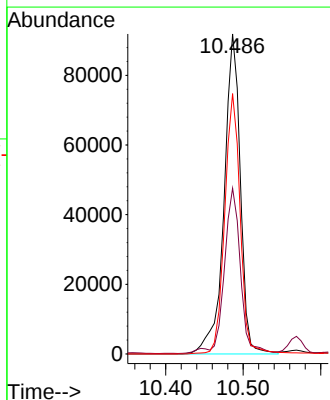
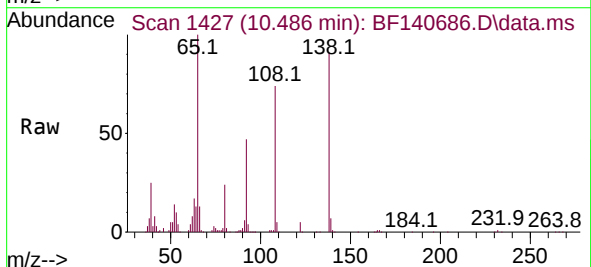
12/03/2024
Supervised By :mohammad
ahmed

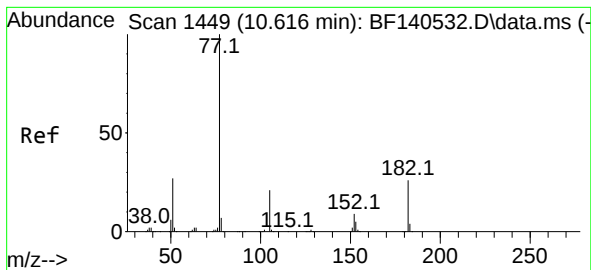
12/05/2024



#62
4-Nitroaniline
Concen: 52.890 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

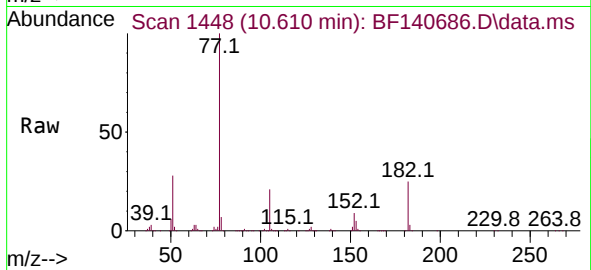
Tgt Ion:138 Resp: 134507
Ion Ratio Lower Upper
138 100
92 51.8 34.5 74.5
108 81.3 70.6 110.6





#63
Azobenzene
Concen: 52.764 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

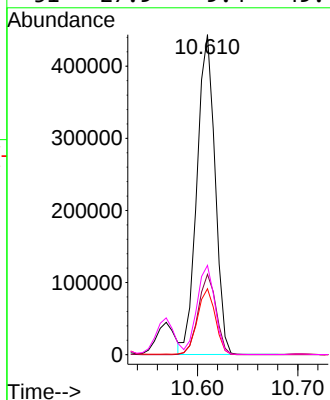
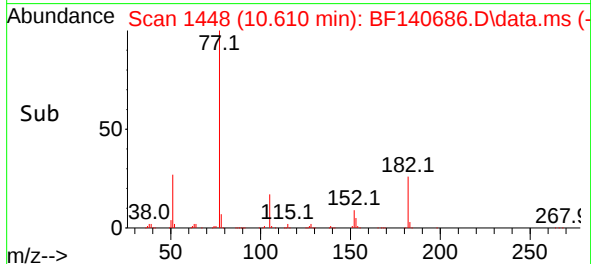
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion: 77 Resp: 55497
Ion Ratio Lower Upper
77 100
182 25.1 5.3 45.3
105 20.6 0.3 40.3
51 27.9 9.4 49.4

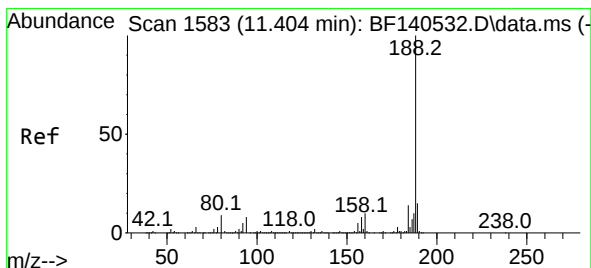
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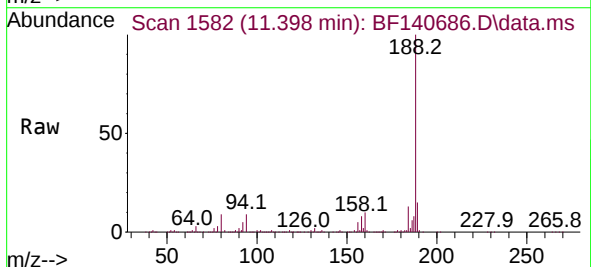


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ahmed

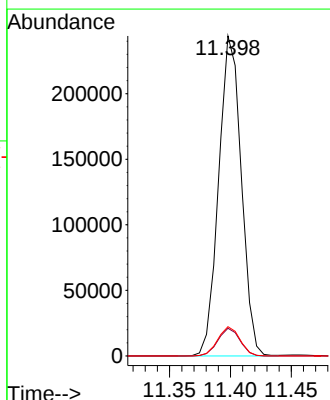
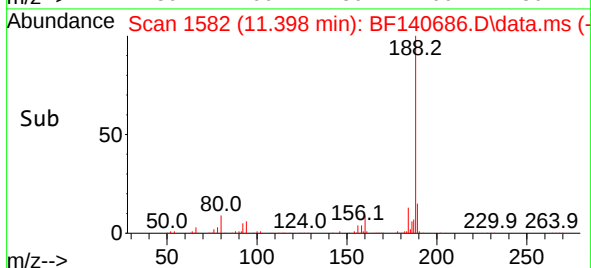
12/05/2024

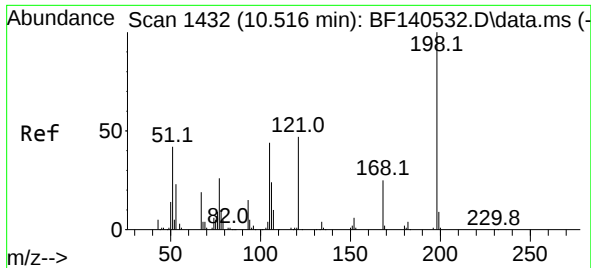


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41



Tgt Ion:188 Resp: 315793
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.1 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 55.347 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

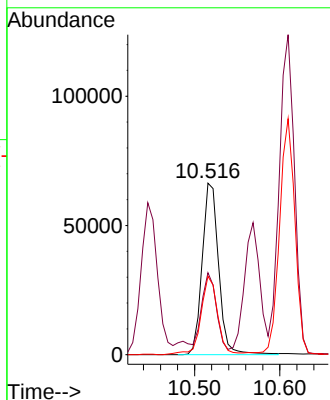
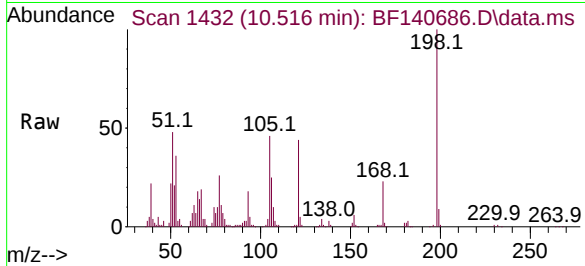
ClientSampleId :

PB165294BS

Tgt Ion:198 Resp: 89314
Ion Ratio Lower Upper
198 100
51 47.8 29.4 69.4
105 45.7 25.4 65.4

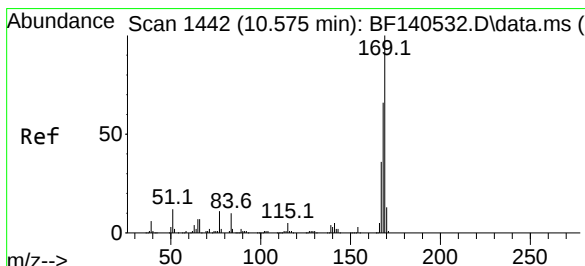
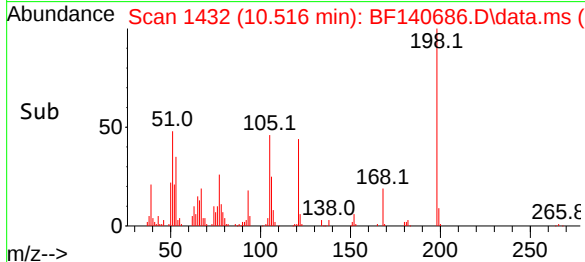
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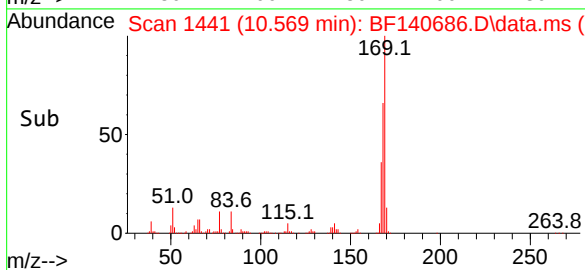
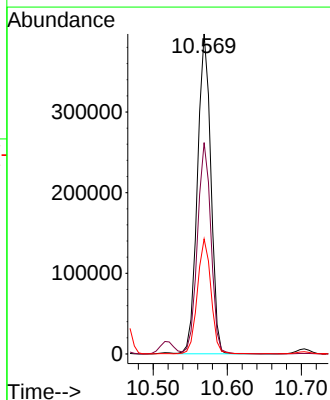
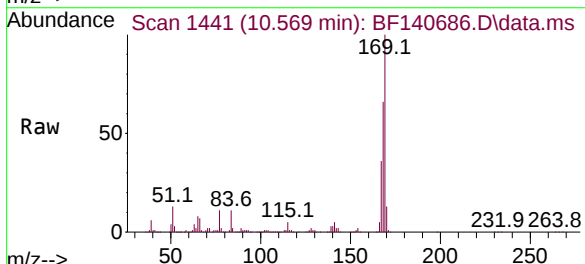
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Supervised By :mohammad
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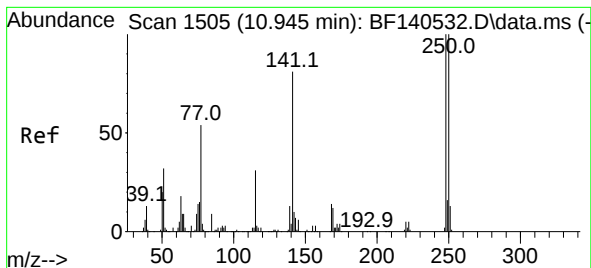
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#66
n-Nitrosodiphenylamine
Concen: 53.217 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:169 Resp: 496987
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.921 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

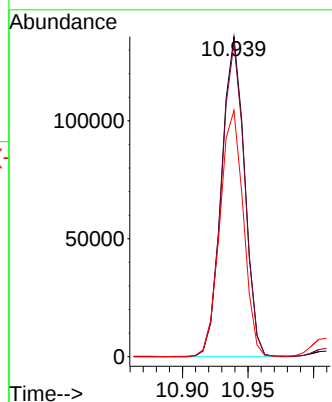
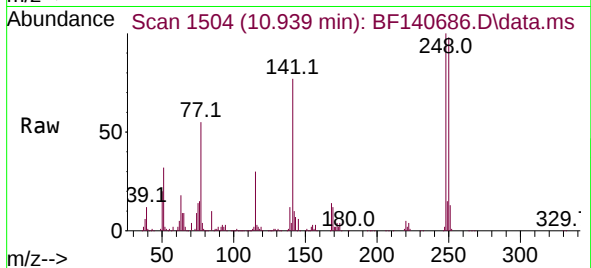
ClientSampleId :

PB165294BS

Tgt Ion:248 Resp: 165609
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 76.9 64.7 97.1

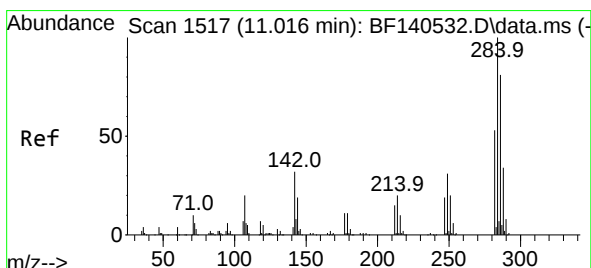
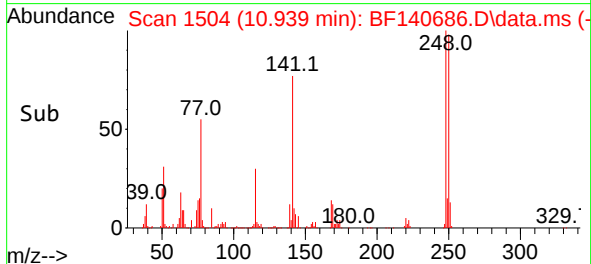
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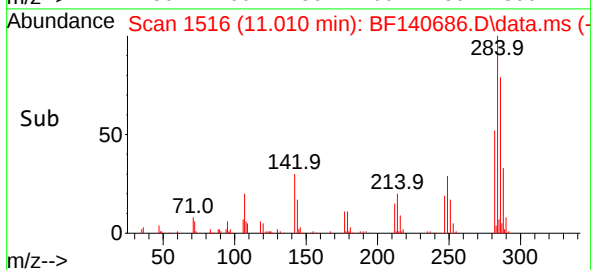
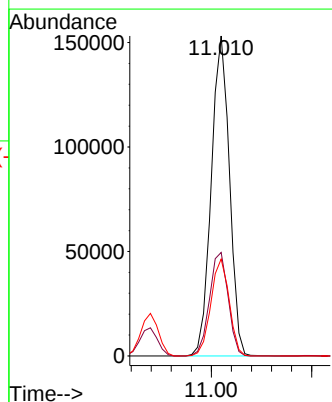
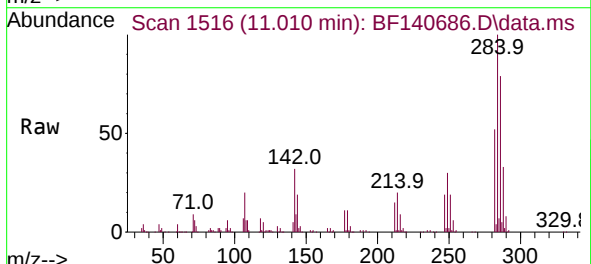
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ahmed

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#68
Hexachlorobenzene
Concen: 51.181 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:284 Resp: 192734
Ion Ratio Lower Upper
284 100
142 32.4 25.3 37.9
249 30.3 24.8 37.2





#69

Atrazine

Concen: 61.703 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

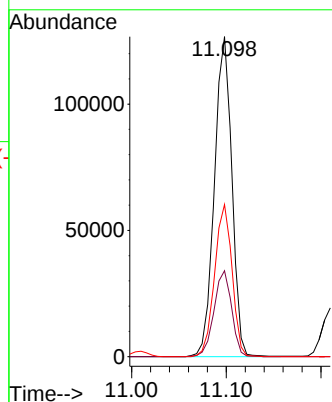
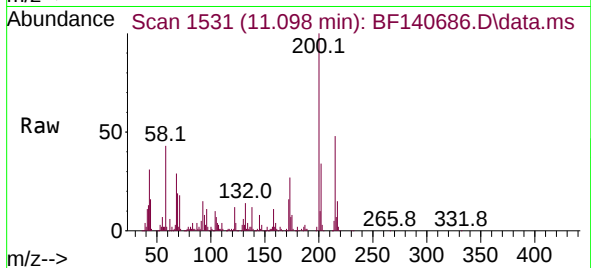
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Tgt Ion:200 Resp: 16210

Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.0	47.0
215	47.6	26.7	66.7

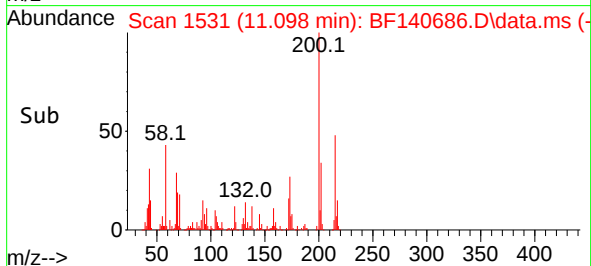
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#70

Pentachlorophenol

Concen: 94.721 ng

RT: 11.210 min Scan# 1550

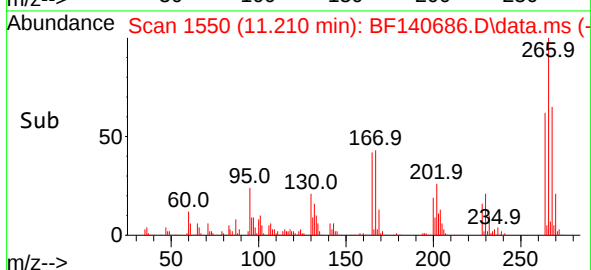
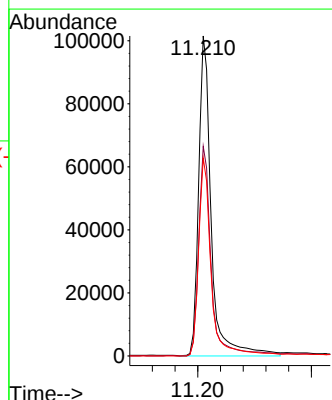
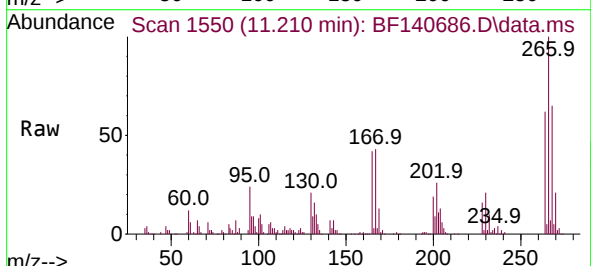
Delta R.T. -0.000 min

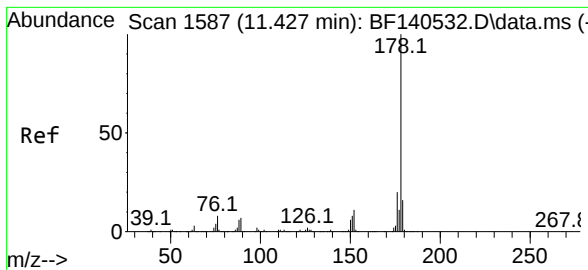
Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Tgt Ion:266 Resp: 156988

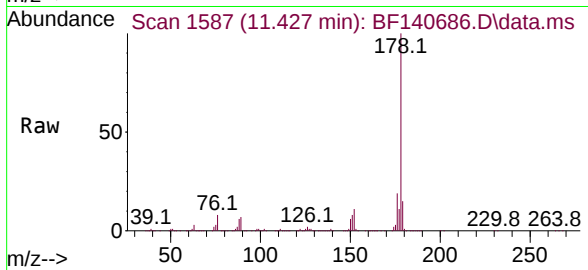
Ion	Ratio	Lower	Upper
266	100		
268	65.5	53.7	80.5
264	61.8	49.8	74.8





#71
Phenanthrene
Concen: 54.206 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

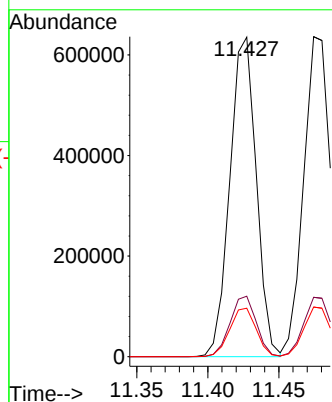
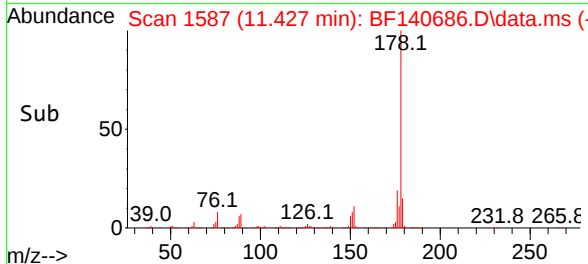
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:178 Resp: 822840
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 15.2 12.4 18.6

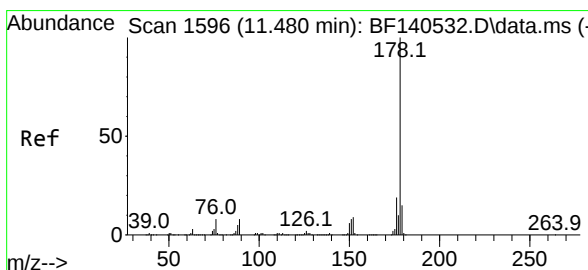
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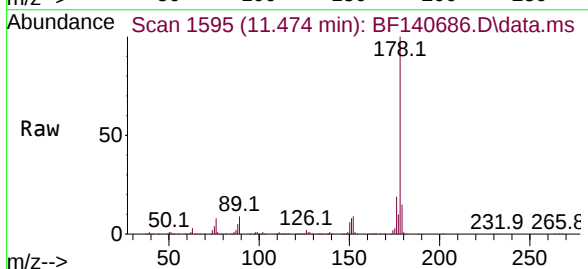


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ahmed

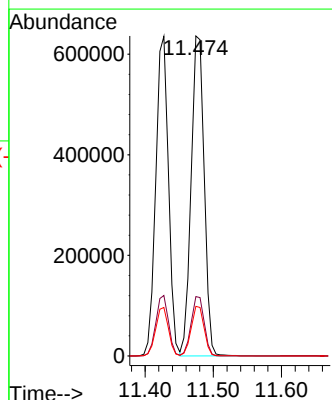
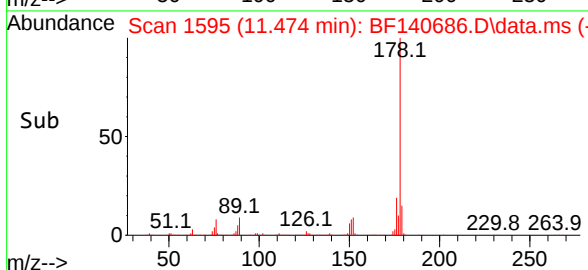
12/05/2024

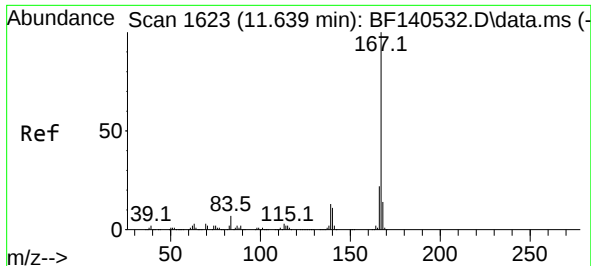


#72
Anthracene
Concen: 56.741 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41



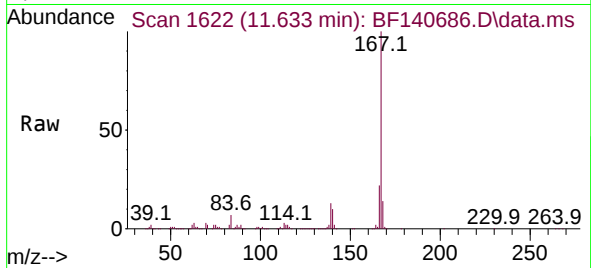
Tgt Ion:178 Resp: 842541
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 53.972 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41

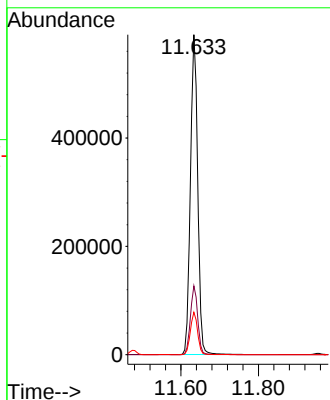
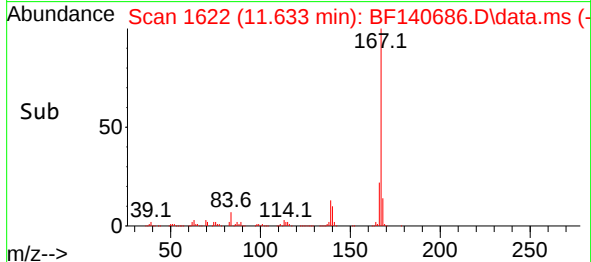
Instrument :
 BNA_F
 ClientSampleId :
 PB165294BS



Tgt Ion:167 Resp: 770970
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.3 10.6 15.8

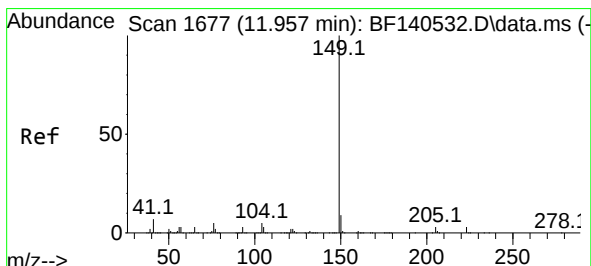
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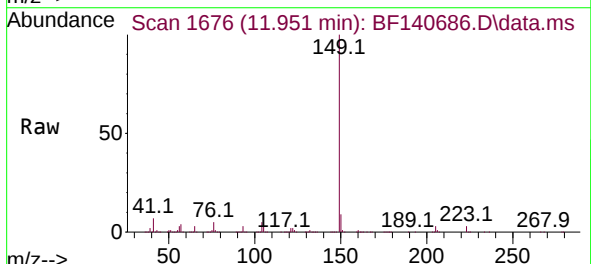


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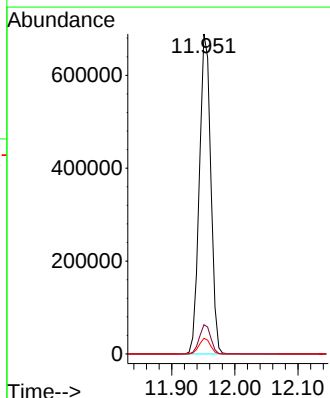
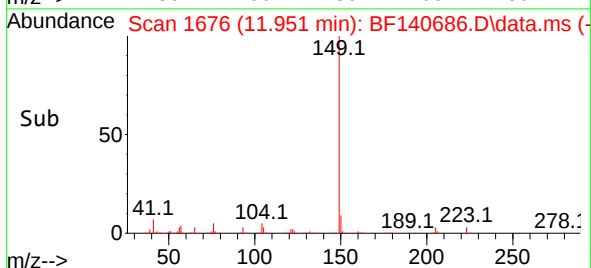
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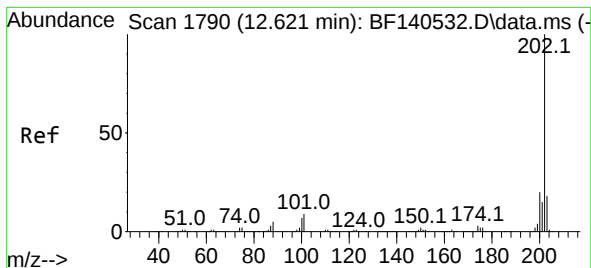


#74
 Di-n-butylphthalate
 Concen: 52.569 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41



Tgt Ion:149 Resp: 866939
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1





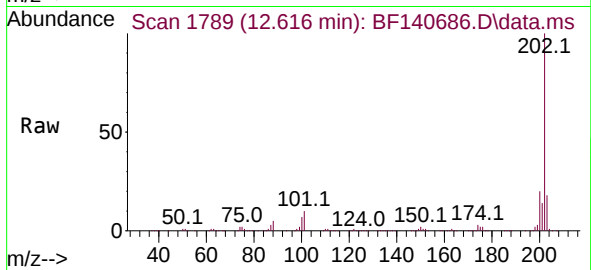
#75
Fluoranthene
Concen: 54.080 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

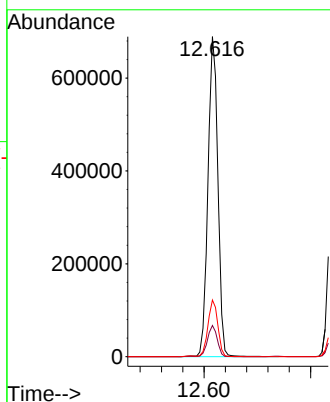
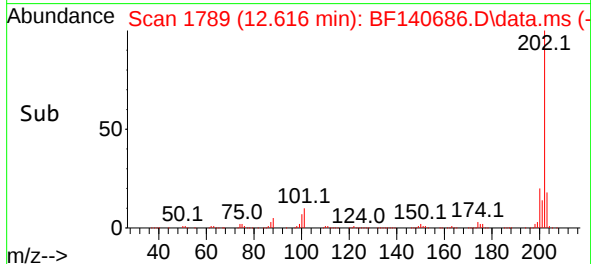
PB165294BS



Tgt Ion:202 Resp: 891314
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.9
203 17.7 0.0 37.6

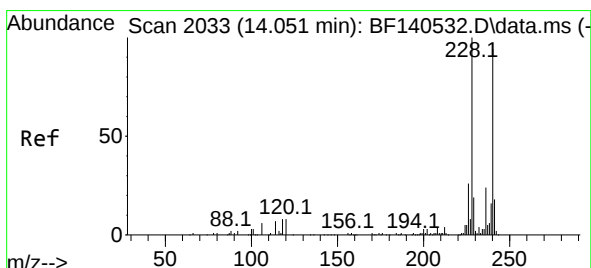
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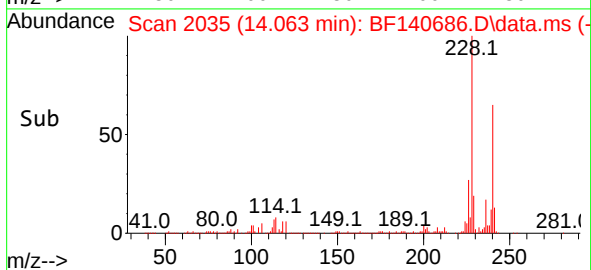
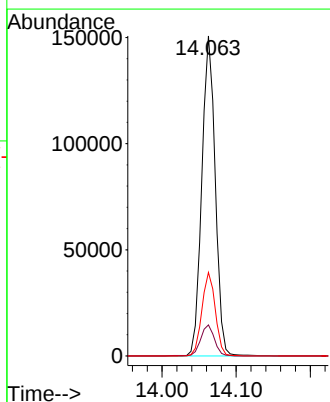
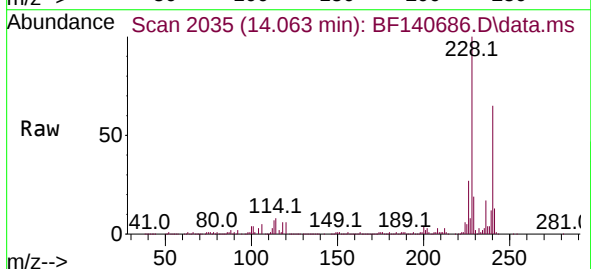
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Supervised By :mohammad
ahmed

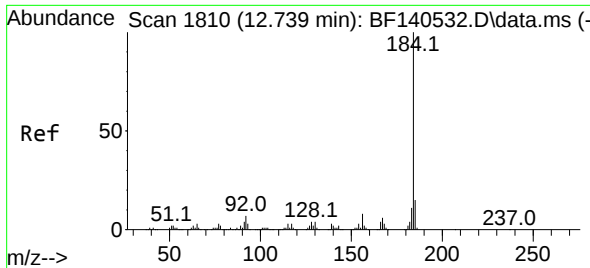
12/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:240 Resp: 189731
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.1 20.6 31.0





#77
Benzidine
Concen: 39.979 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

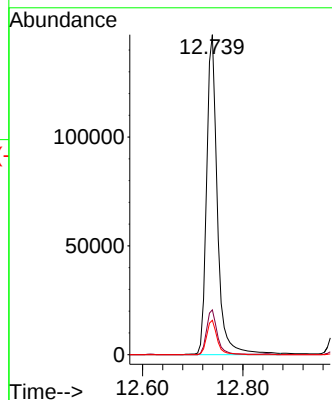
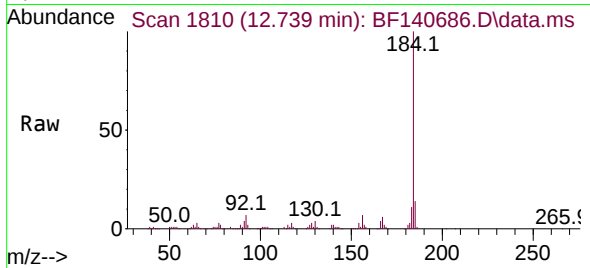
ClientSampleId :

PB165294BS

Tgt Ion:184 Resp: 22053
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.8 8.8 13.2

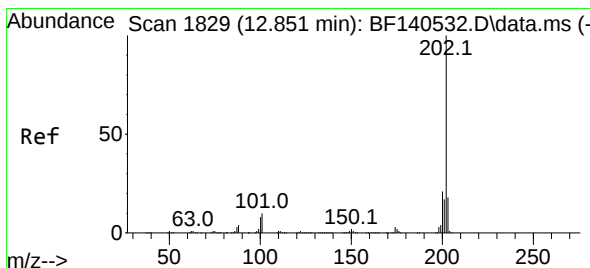
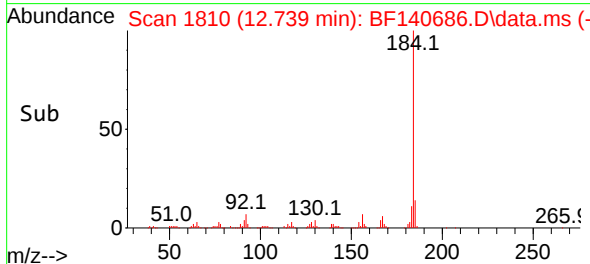
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Patel



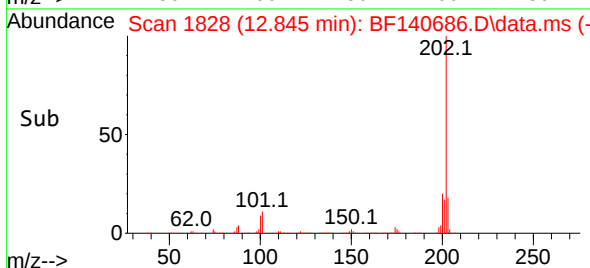
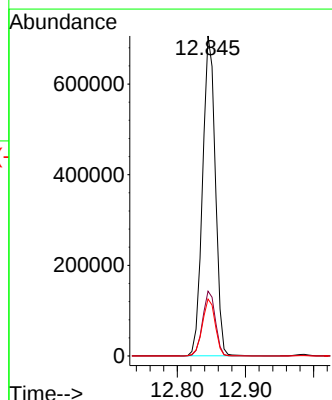
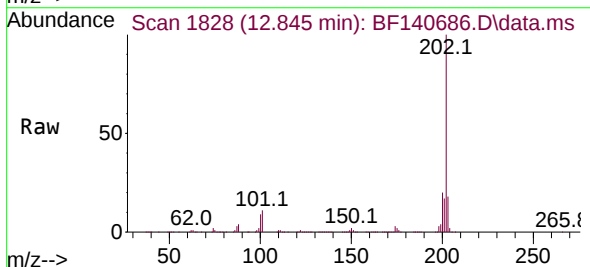
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Supervised By :mohammad
ahmed

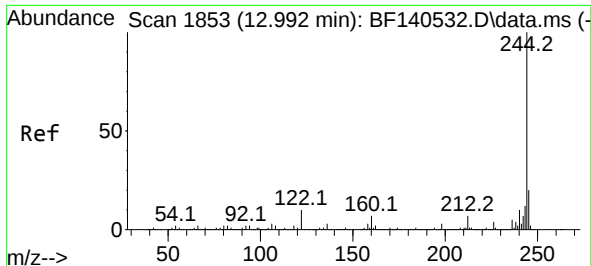
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#78
Pyrene
Concen: 52.262 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

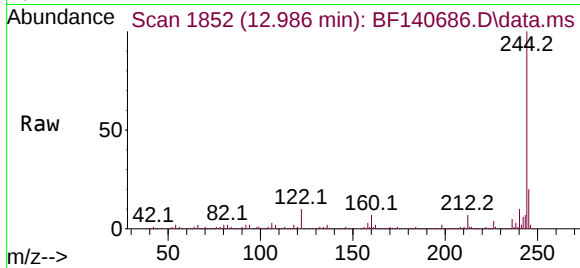
Tgt Ion:202 Resp: 916827
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.8 14.2 21.4





#79
Terphenyl-d14
Concen: 101.560 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

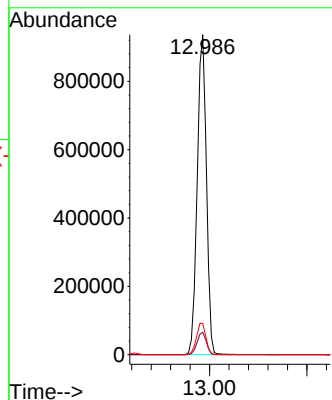
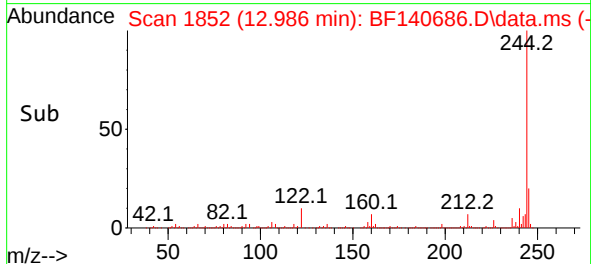
Instrument :
BNA_F
ClientSampleId :
PB165294BS



Tgt Ion:244 Resp: 1237478
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.8 8.0 12.0

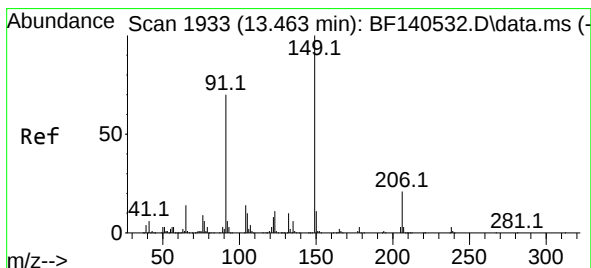
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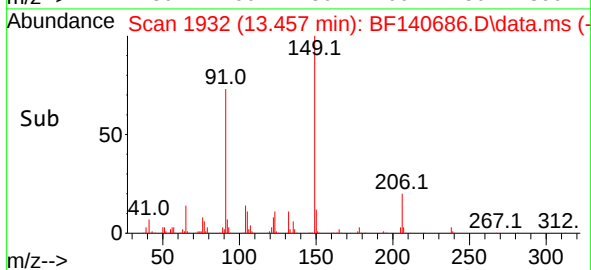
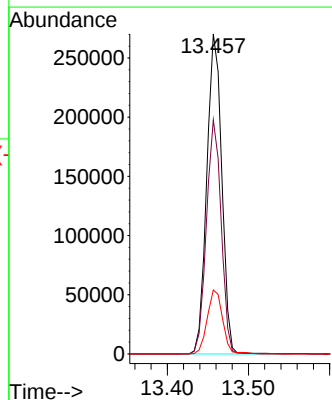
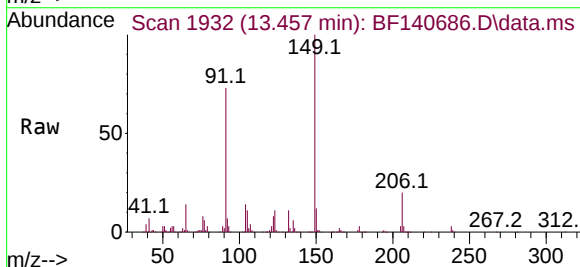
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Supervised By :mohammad
ahmed

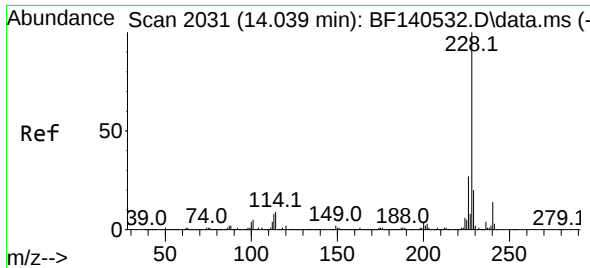
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#80
Butylbenzylphthalate
Concen: 54.728 ng
RT: 13.457 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:149 Resp: 345862
Ion Ratio Lower Upper
149 100
91 73.1 56.2 84.2
206 20.0 16.4 24.6





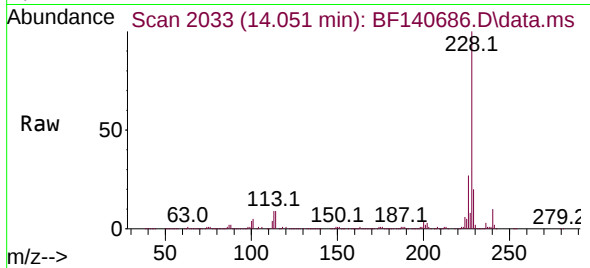
#81
 Benzo(a)anthracene
 Concen: 54.634 ng
 RT: 14.051 min Scan# 2031
 Delta R.T. 0.012 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

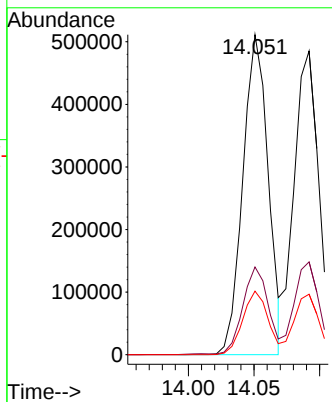
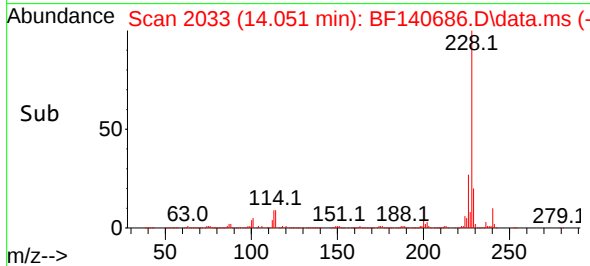
PB165294BS



Tgt Ion:228 Resp: 686170
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.8 32.8
 229 19.9 15.8 23.6

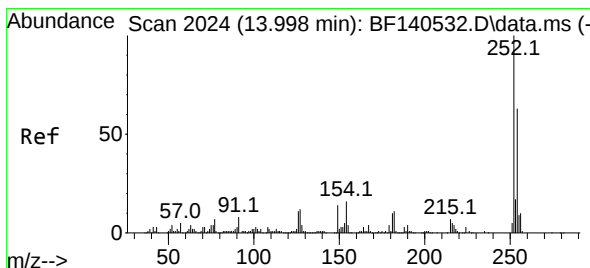
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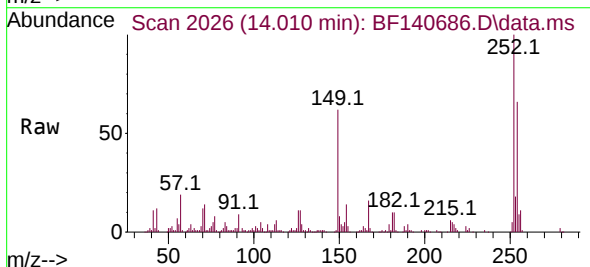


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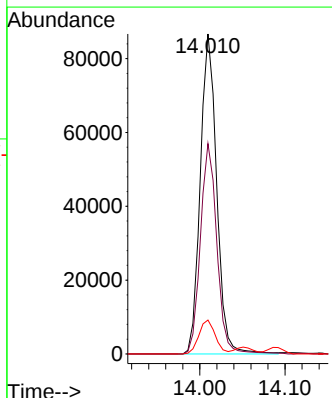
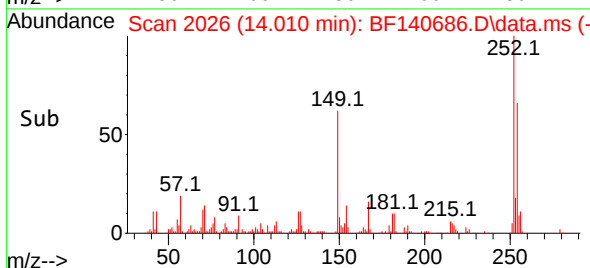
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#82
 3,3'-Dichlorobenzidine
 Concen: 30.740 ng
 RT: 14.010 min Scan# 2026
 Delta R.T. 0.012 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41



Tgt Ion:252 Resp: 115916
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.8 76.2
 126 10.6 8.6 13.0





#83

Chrysene

Concen: 55.400 ng

RT: 14.092 min Scan# 2038

Delta R.T. 0.012 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

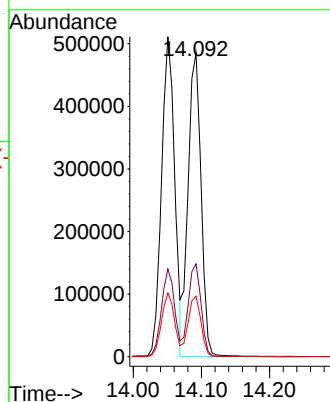
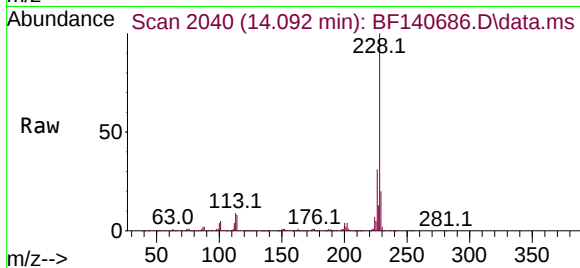
ClientSampleId :

PB165294BS

Tgt Ion:228	Resp: 636230
Ion Ratio	Lower Upper
228 100	
226 30.6	24.4 36.6
229 19.9	15.8 23.6

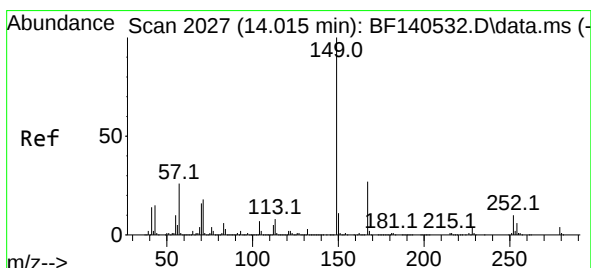
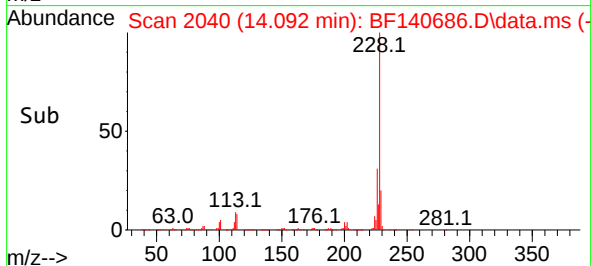
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#84

Bis(2-ethylhexyl)phthalate

Concen: 55.624 ng

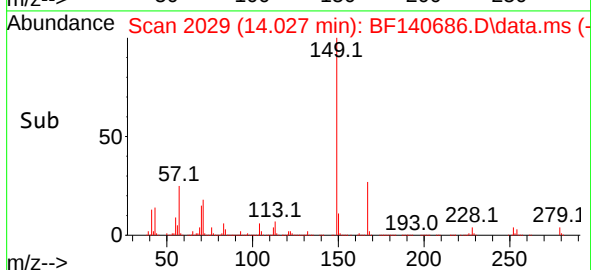
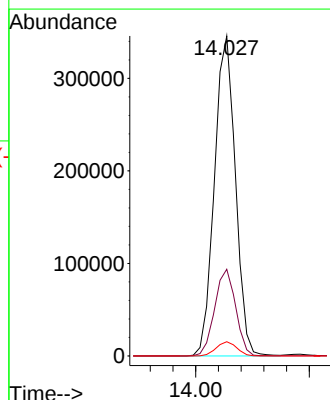
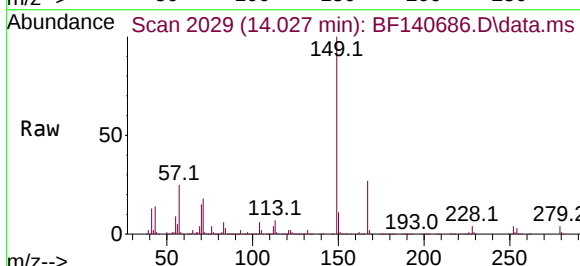
RT: 14.027 min Scan# 2029

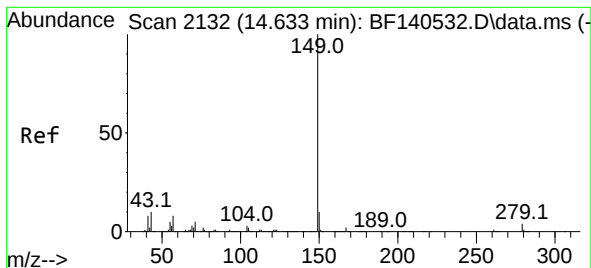
Delta R.T. 0.012 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Tgt Ion:149	Resp: 443875
Ion Ratio	Lower Upper
149 100	
167 27.1	21.2 31.8
279 4.5	3.2 4.8





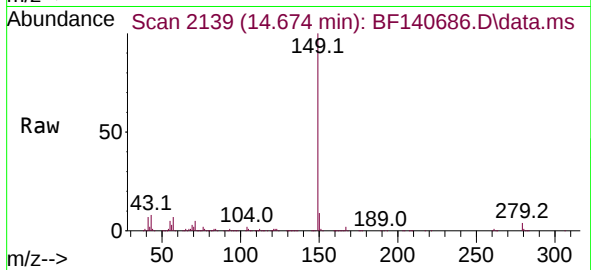
#85
Di-n-octyl phthalate
Concen: 57.748 ng
RT: 14.674 min Scan# 2139
Delta R.T. 0.041 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

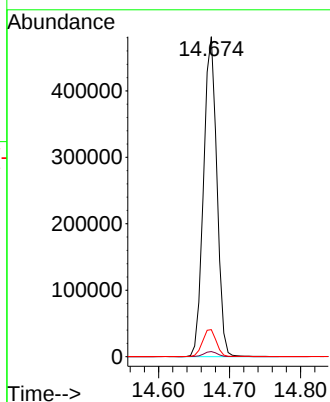
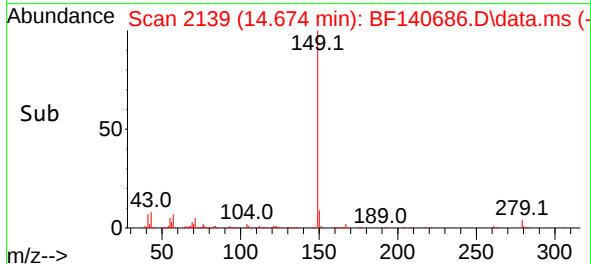
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Tgt Ion:149 Resp: 62977
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 7.7 11.5

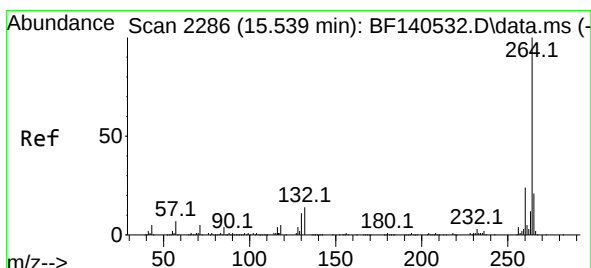
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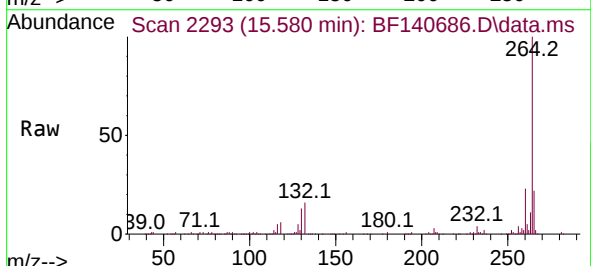


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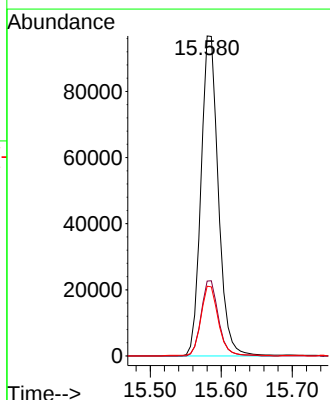
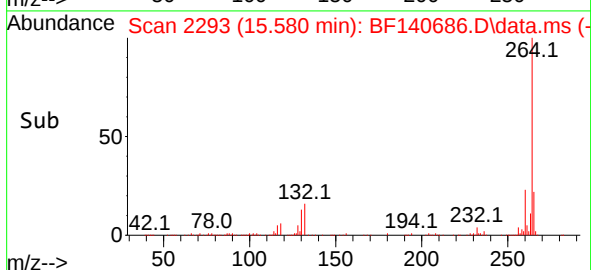
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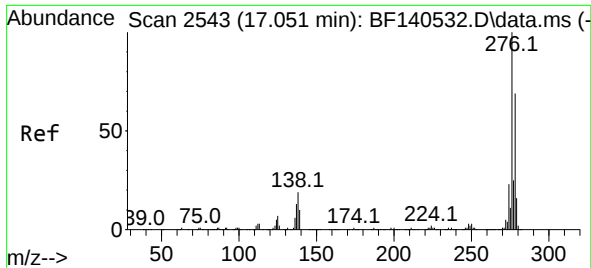


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2293
Delta R.T. 0.041 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41



Tgt Ion:264 Resp: 164500
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.8 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.367 ng
 RT: 17.104 min Scan# 2119
 Delta R.T. 0.053 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

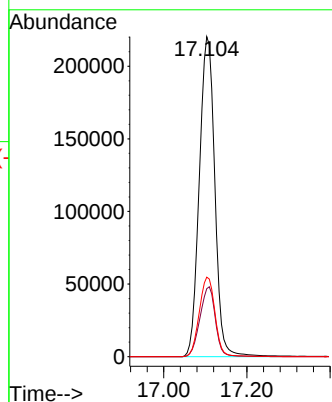
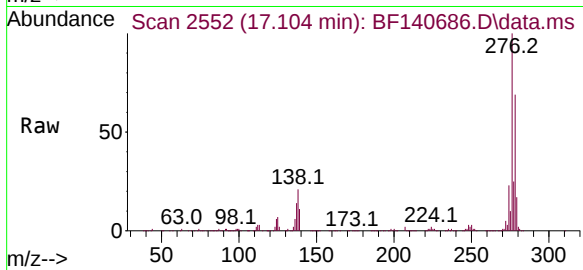
ClientSampleId :

PB165294BS

Tgt Ion:276 Resp: 57211
 Ion Ratio Lower Upper
 276 100
 138 21.8 15.5 23.3
 277 25.2 20.1 30.1

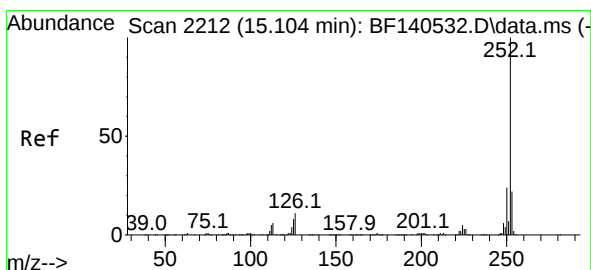
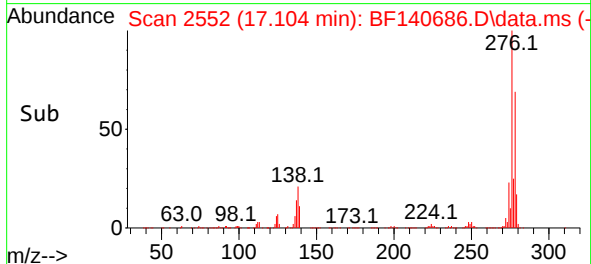
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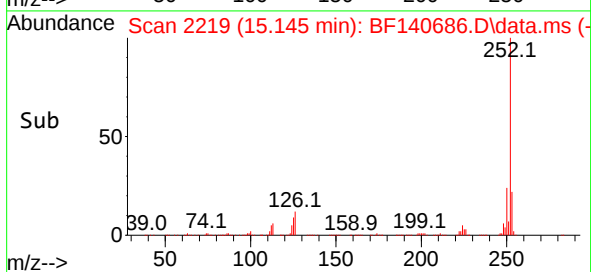
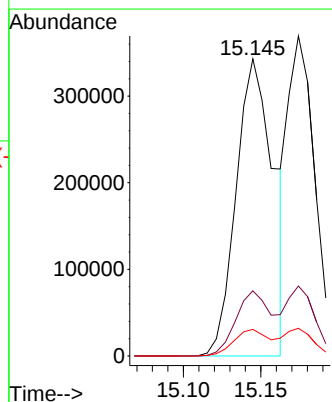
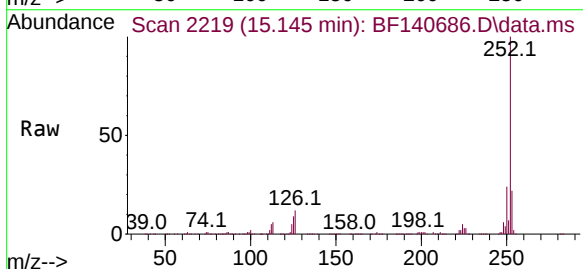
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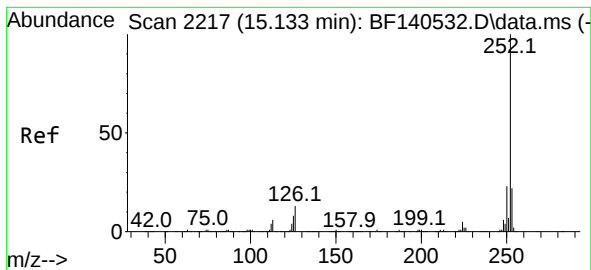
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#88
 Benzo(b)fluoranthene
 Concen: 55.533 ng
 RT: 15.145 min Scan# 2219
 Delta R.T. 0.041 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41

Tgt Ion:252 Resp: 573795
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 8.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 49.683 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

Tgt Ion:252 Resp: 449220

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

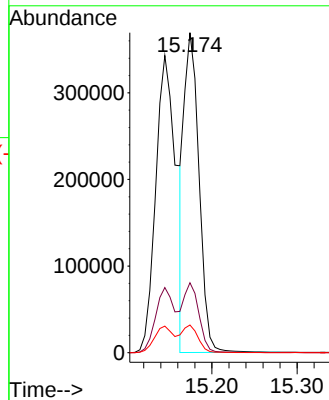
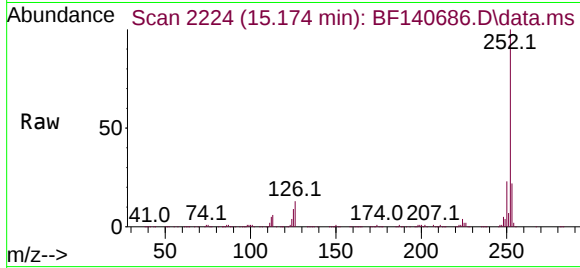
125 8.6 6.5 9.7

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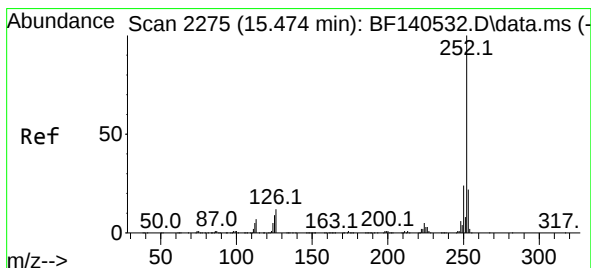
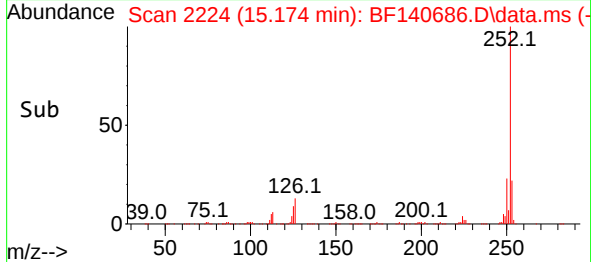
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#90

Benzo(a)pyrene

Concen: 56.894 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.047 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

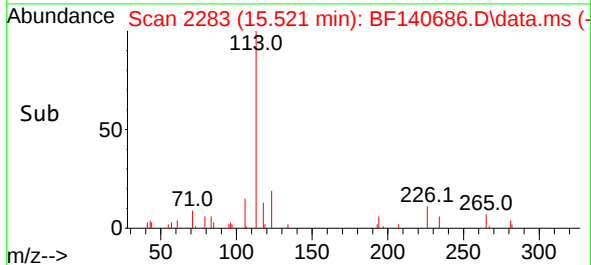
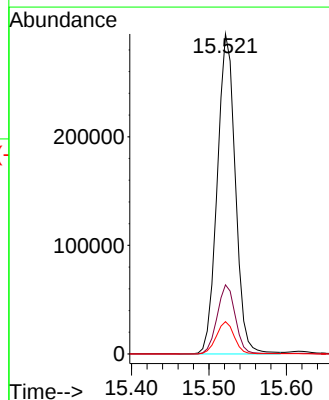
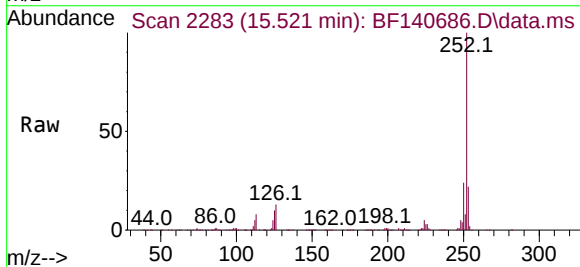
Tgt Ion:252 Resp: 477970

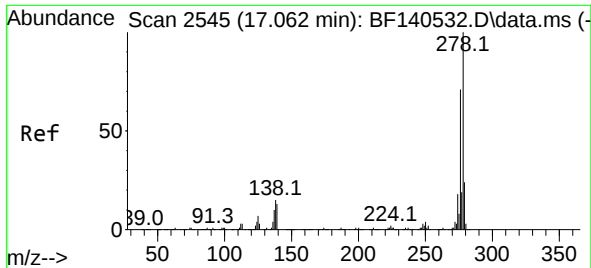
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.1 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 52.286 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

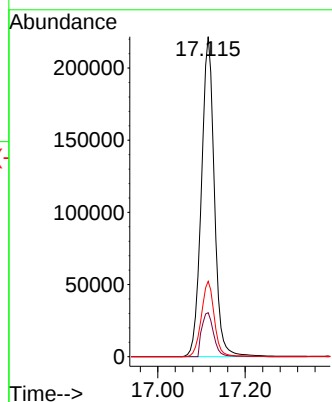
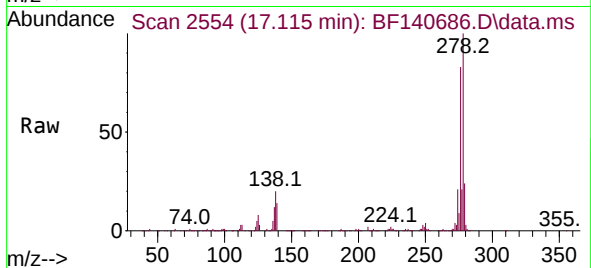
ClientSampleId :

PB165294BS

Tgt Ion:278 Resp: 459050
Ion Ratio Lower Upper
278 100
139 13.7 10.2 15.4
279 23.6 18.9 28.3

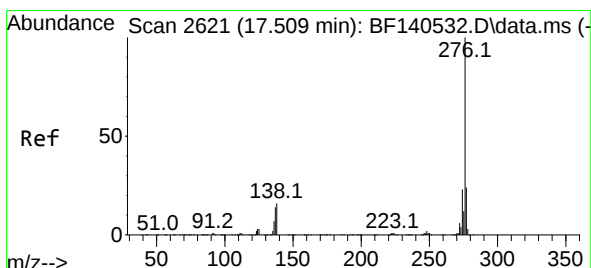
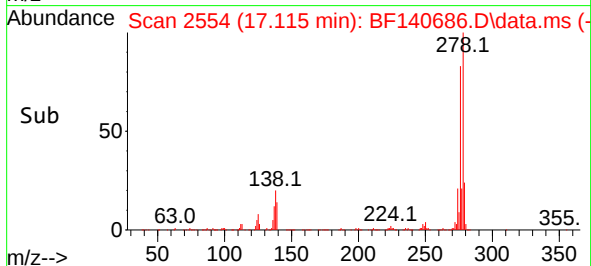
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#92
Benzo(g,h,i)perylene
Concen: 48.588 ng
RT: 17.562 min Scan# 2630
Delta R.T. 0.053 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:276 Resp: 435299
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 18.1 13.2 19.8

