

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141216.D
 Acq On : 20 Jan 2025 12:22
 Operator : RC/JU
 Sample : PB166097BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166097BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jan 20 12:45:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							01/21/2025
1) 1,4-Dichlorobenzene-d4	6.810	152	154827	20.000	ng	-0.01	Supervised By :mohammad Ahmed
21) Naphthalene-d8	8.092	136	622966	20.000	ng	-0.01	
39) Acenaphthene-d10	9.845	164	333652	20.000	ng	-0.02	
64) Phenanthrene-d10	11.333	188	569457	20.000	ng	-0.01	
76) Chrysene-d12	13.974	240	360421	20.000	ng	-0.01	
86) Perylene-d12	15.427	264	321046	20.000	ng	-0.01	01/21/2025
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1452308	144.905	ng	0.00	
7) Phenol-d6	6.446	99	1839311	144.879	ng	0.00	
23) Nitrobenzene-d5	7.375	82	1188499	101.130	ng	-0.01	
42) 2,4,6-Tribromophenol	10.639	330	645110	169.688	ng	-0.01	
45) 2-Fluorobiphenyl	9.169	172	2197540	100.576	ng	-0.01	
79) Terphenyl-d14	12.922	244	2568050	105.901	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	195834	43.878	ng		98
3) Pyridine	3.369	79	487054	44.501	ng		96
4) n-Nitrosodimethylamine	3.316	42	270580	50.561	ng		98
6) Aniline	6.475	93	491614	43.615	ng	#	90
8) 2-Chlorophenol	6.598	128	585979	54.495	ng		96
9) Benzaldehyde	6.357	77	66571	8.903	ng		98
10) Phenol	6.457	94	703598	51.773	ng		90
11) bis(2-Chloroethyl)ether	6.551	93	536417	52.964	ng		96
12) 1,3-Dichlorobenzene	6.751	146	606439	50.567	ng		99
13) 1,4-Dichlorobenzene	6.828	146	612705	50.699	ng		100
14) 1,2-Dichlorobenzene	6.981	146	583704	51.779	ng		99
15) Benzyl Alcohol	6.951	79	505806	55.168	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	711853	50.368	ng		94
17) 2-Methylphenol	7.069	107	468685	53.988	ng		98
18) Hexachloroethane	7.322	117	227369	52.025	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	396592	53.031	ng		97
20) 3+4-Methylphenols	7.222	107	573476	52.361	ng	#	82
22) Acetophenone	7.222	105	756611	51.090	ng	#	95
24) Nitrobenzene	7.393	77	595426	48.613	ng		100
25) Isophorone	7.634	82	1072076	53.380	ng		99
26) 2-Nitrophenol	7.710	139	313184	56.211	ng		99
27) 2,4-Dimethylphenol	7.745	122	471226	62.703	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	646648	51.304	ng		100
29) 2,4-Dichlorophenol	7.951	162	480191	53.799	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	508338	49.826	ng		99
31) Naphthalene	8.116	128	1673802	50.949	ng		100
32) Benzoic acid	7.869	122	397997	55.207	ng		96
33) 4-Chloroaniline	8.163	127	226917	19.972	ng		98
34) Hexachlorobutadiene	8.234	225	313106	50.933	ng		99
35) Caprolactam	8.534	113	154249m	52.786	ng		
36) 4-Chloro-3-methylphenol	8.645	107	523539	53.633	ng		99
37) 2-Methylnaphthalene	8.804	142	1091100	52.119	ng		100
38) 1-Methylnaphthalene	8.904	142	1018704	49.375	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	504402	52.671	ng		98
41) Hexachlorocyclopentadiene	8.957	237	631313	201.498	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	359453	55.654	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.128	196	360683	52.877	ng	98	01/21/2025
46) 1,1'-Biphenyl	9.269	154	1339780	51.706	ng	99	Supervised By :mohammad
47) 2-Chloronaphthalene	9.292	162	1003512	49.724	ng	99	ahmed
48) 2-Nitroaniline	9.392	65	320135	53.512	ng	98	
49) Acenaphthylene	9.710	152	1582899	54.897	ng	99	
50) Dimethylphthalate	9.575	163	1203254	53.718	ng	100	
51) 2,6-Dinitrotoluene	9.634	165	271689	52.159	ng	99	01/21/2025
52) Acenaphthene	9.881	154	1190079	59.077	ng	99	
53) 3-Nitroaniline	9.798	138	167464	31.637	ng	98	
54) 2,4-Dinitrophenol	9.910	184	321576	129.883	ng	95	
55) Dibenzofuran	10.057	168	1436172	52.414	ng	99	
56) 4-Nitrophenol	9.969	139	452769	109.218	ng	98	
57) 2,4-Dinitrotoluene	10.039	165	371394	55.326	ng	98	
58) Fluorene	10.398	166	1111791	52.227	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.169	232	316799	55.874	ng	99	
60) Diethylphthalate	10.275	149	1165448	53.296	ng	99	
61) 4-Chlorophenyl-phenyle...	10.386	204	538876	51.938	ng	96	
62) 4-Nitroaniline	10.416	138	276753	53.419	ng	97	
63) Azobenzene	10.551	77	1120037	51.908	ng	99	
65) 4,6-Dinitro-2-methylph...	10.445	198	216388	65.575	ng	97	
66) n-Nitrosodiphenylamine	10.510	169	991472	53.980	ng	99	
67) 4-Bromophenyl-phenylether	10.881	248	360861	55.041	ng	99	
68) Hexachlorobenzene	10.945	284	403466	55.283	ng	98	
69) Atrazine	11.039	200	341900	69.132	ng	98	
70) Pentachlorophenol	11.139	266	510051	109.130	ng	99	
71) Phenanthrene	11.357	178	1691012	55.312	ng	100	
72) Anthracene	11.410	178	1710497	57.540	ng	100	
73) Carbazole	11.563	167	1511221	55.442	ng	100	
74) Di-n-butylphthalate	11.898	149	1753789	56.222	ng	100	
75) Fluoranthene	12.545	202	1749115	57.332	ng	99	
77) Benzidine	12.669	184	369775	55.324	ng	99	
78) Pyrene	12.775	202	1771865	51.470	ng	99	
80) Butylbenzylphthalate	13.398	149	671531	58.509	ng	97	
81) Benzo(a)anthracene	13.963	228	1271973	51.856	ng	100	
82) 3,3'-Dichlorobenzidine	13.927	252	248259	31.786	ng	99	
83) Chrysene	13.998	228	1217007	53.026	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.957	149	803788	58.367	ng	100	
85) Di-n-octyl phthalate	14.574	149	1166443	56.091	ng	97	
87) Indeno(1,2,3-cd)pyrene	16.874	276	1277463	54.312	ng	98	
88) Benzo(b)fluoranthene	15.004	252	1135597	54.854	ng	100	
89) Benzo(k)fluoranthene	15.033	252	973426	55.640	ng	100	
90) Benzo(a)pyrene	15.368	252	1004777	58.826	ng	99	
91) Dibenzo(a,h)anthracene	16.892	278	1021626	53.703	ng	99	
92) Benzo(g,h,i)perylene	17.315	276	963614	48.698	ng	99	

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

Manual Integrations

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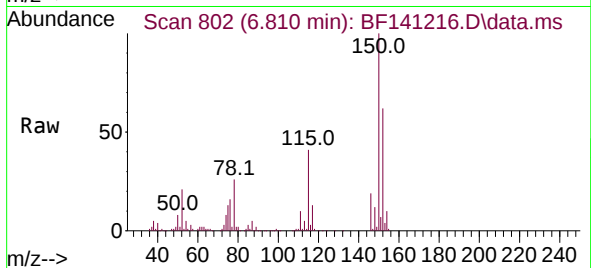
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

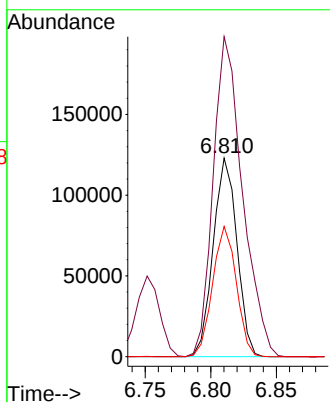
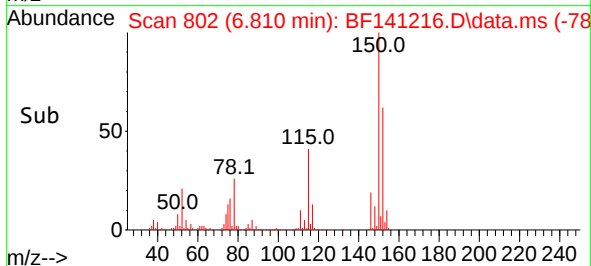
PB166097BS



Tgt Ion:152 Resp: 15482
Ion Ratio Lower Upper
152 100
150 161.2 125.8 188.8
115 65.6 51.4 77.2

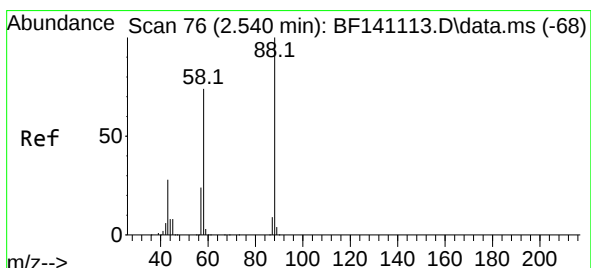
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Reviewed By :Yogesh
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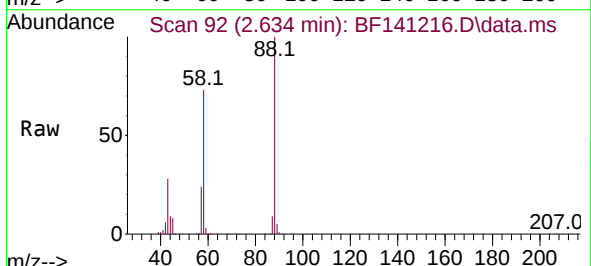


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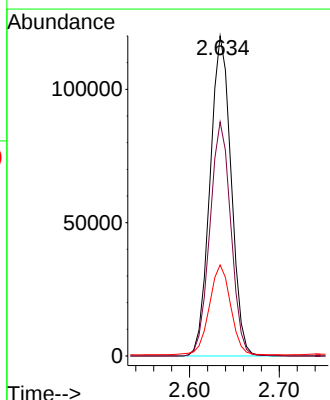
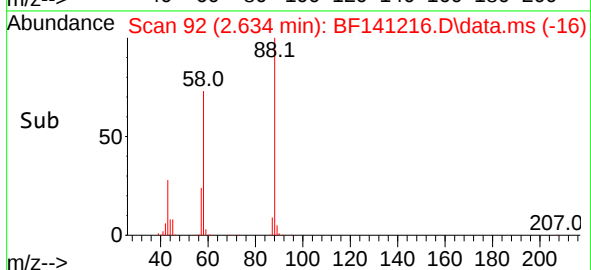
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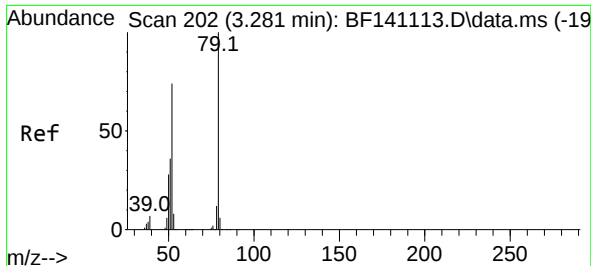


#2
1,4-Dioxane
Concen: 43.878 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.094 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



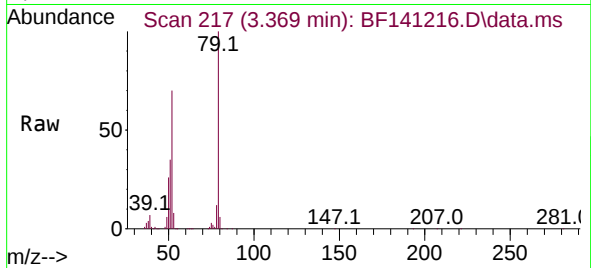
Tgt Ion: 88 Resp: 195834
Ion Ratio Lower Upper
88 100
58 72.9 60.1 90.1
43 28.3 23.1 34.7





#3
Pyridine
Concen: 44.501 ng
RT: 3.369 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

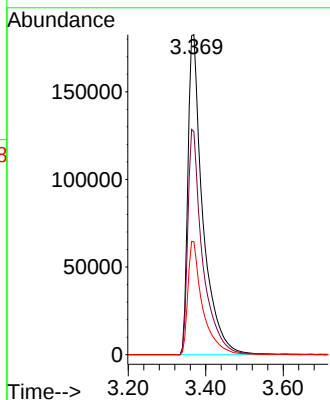
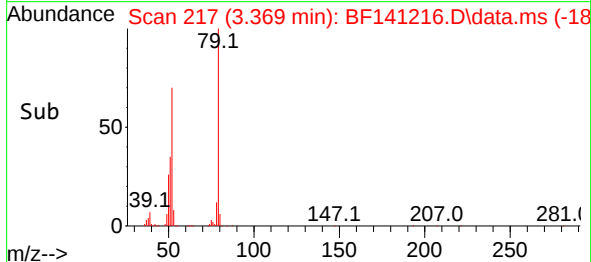
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion: 79 Resp: 487054
Ion Ratio Lower Upper
79 100
52 69.7 58.9 88.3
51 35.3 29.1 43.7

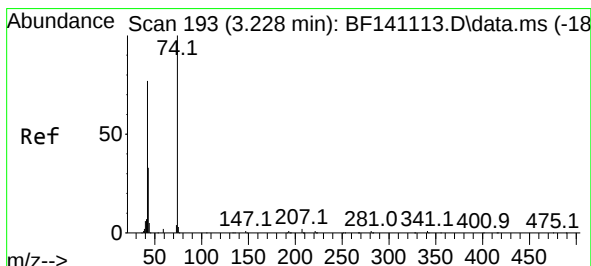
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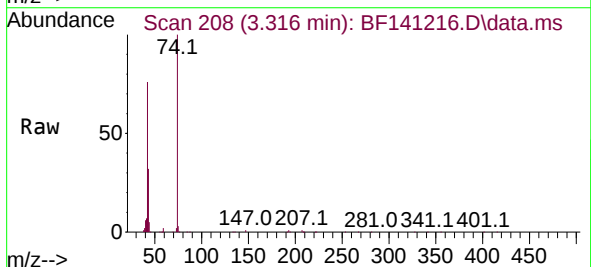


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ahmed

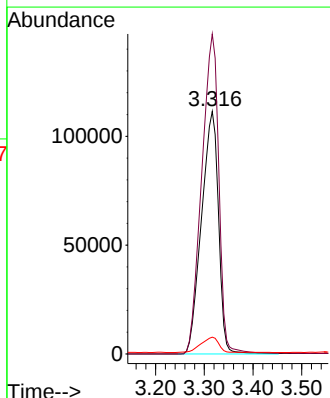
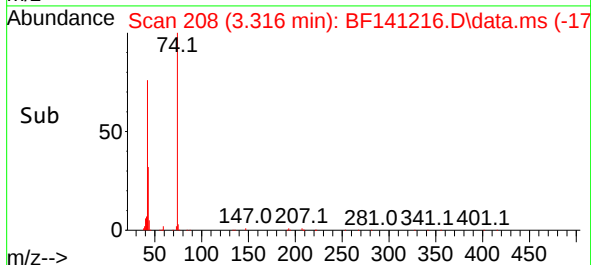
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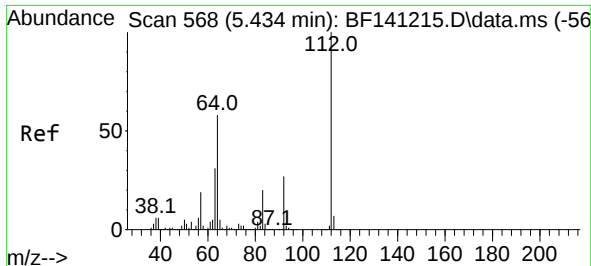


#4
n-Nitrosodimethylamine
Concen: 50.561 ng
RT: 3.316 min Scan# 208
Delta R.T. 0.088 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



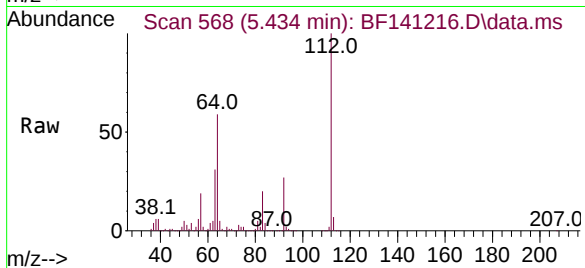
Tgt Ion: 42 Resp: 270580
Ion Ratio Lower Upper
42 100
74 131.9 103.8 155.6
44 6.9 5.3 7.9





#5
2-Fluorophenol
Concen: 144.905 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

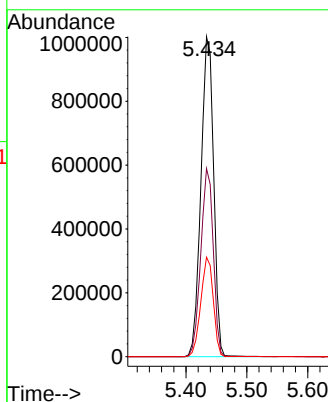
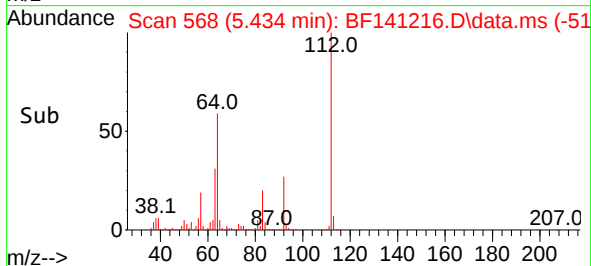
Instrument :
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Tgt Ion: 112 Resp: 1452308
Ion Ratio Lower Upper
112 100
64 58.8 47.3 70.9
63 31.1 24.2 36.2

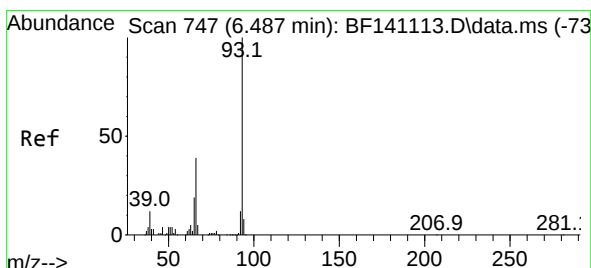
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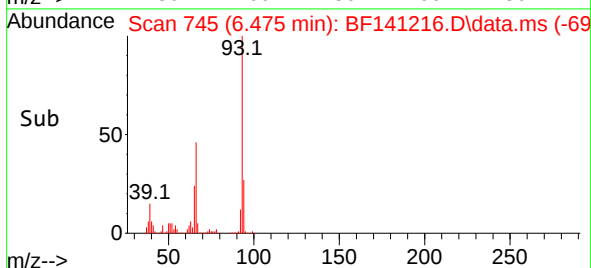
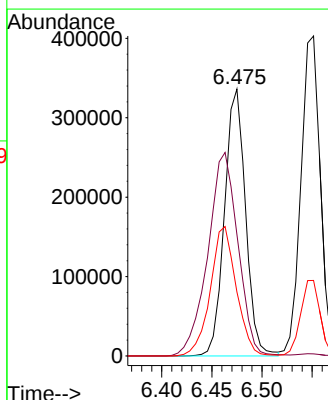
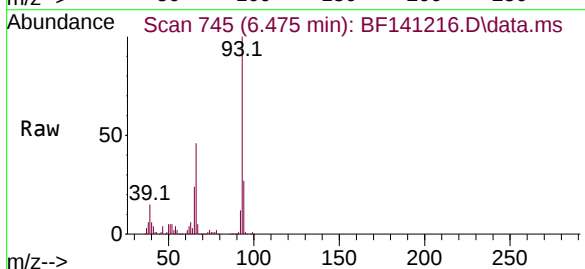
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#6
Aniline
Concen: 43.615 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

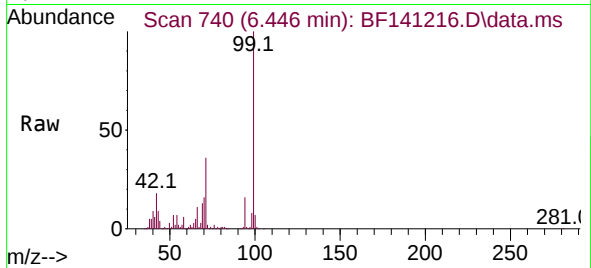
Tgt Ion: 93 Resp: 491614
Ion Ratio Lower Upper
93 100
66 45.5 31.5 47.3
65 24.0 15.3 22.9





#7
Phenol-d6
Concen: 144.879 ng
RT: 6.446 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :
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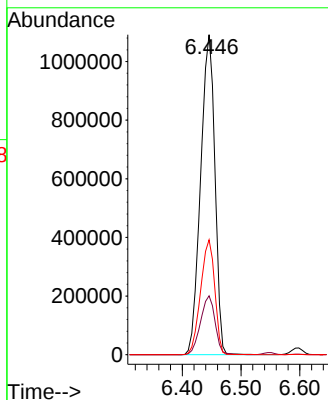
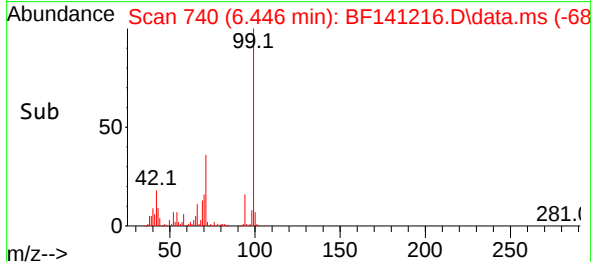


Tgt Ion: 99 Resp: 183931

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	35.9	27.6	41.4

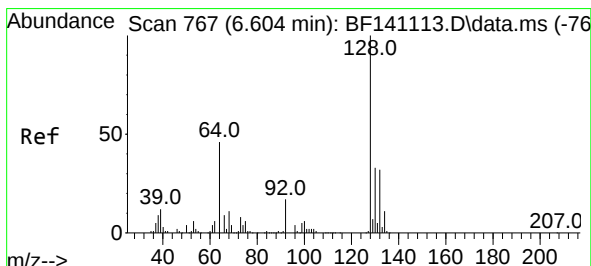
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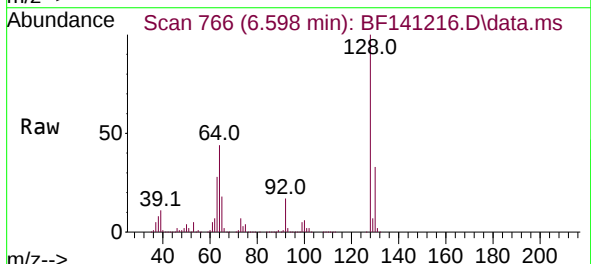


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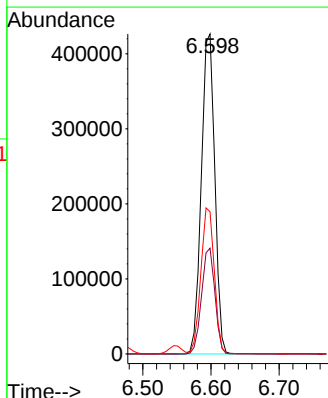
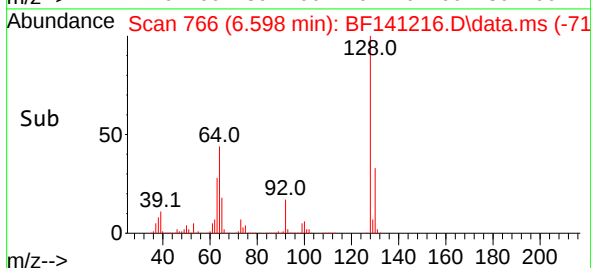


#8
2-Chlorophenol
Concen: 54.495 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF141216.D
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Tgt Ion:128 Resp: 585979

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	44.5	28.3	68.3





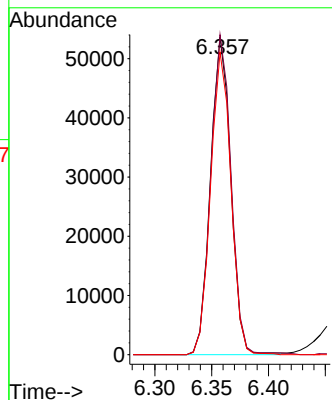
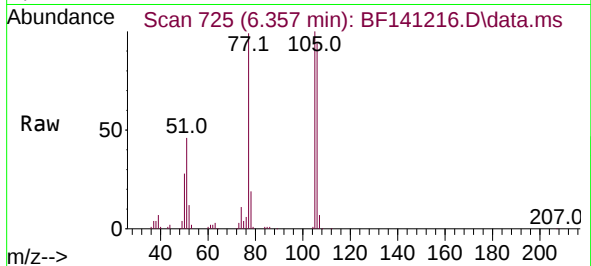
#9
Benzaldehyde
Concen: 8.903 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :
BNA_F
ClientSampleId :
PB166097BS

Tgt Ion: 77 Resp: 6657
Ion Ratio Lower Upper
77 100
105 100.7 78.9 118.9
106 95.2 73.6 113.6

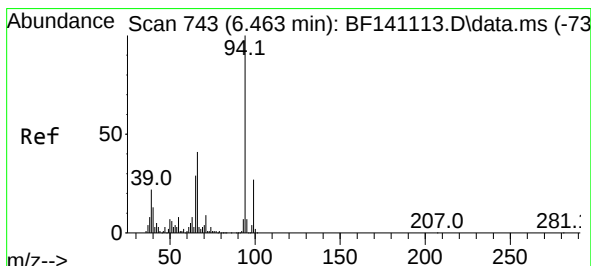
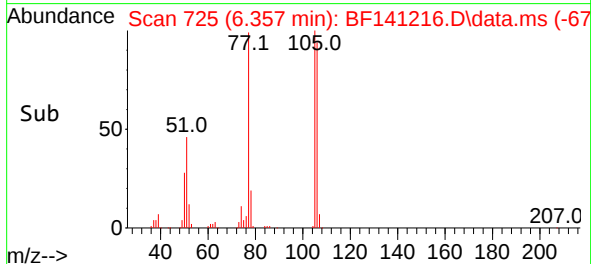
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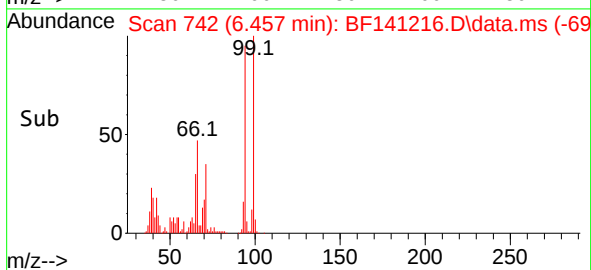
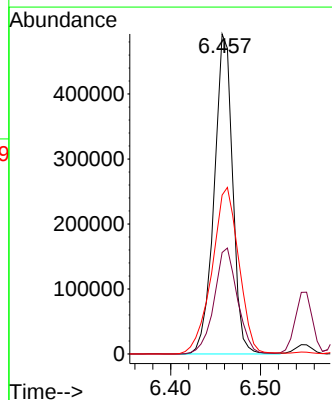
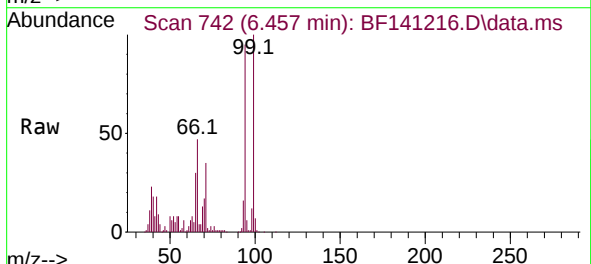
01/21/2025
Supervised By :mohammad
ahmed

01/21/2025



#10
Phenol
Concen: 51.773 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

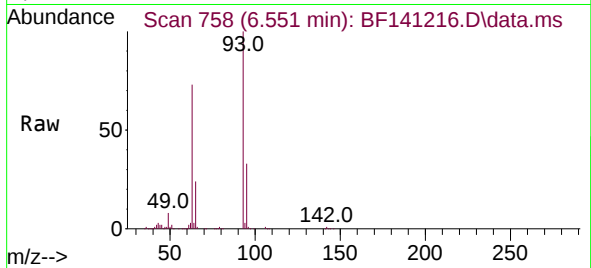
Tgt Ion: 94 Resp: 703598
Ion Ratio Lower Upper
94 100
65 31.7 8.9 48.9
66 49.6 21.2 61.2





#11
bis(2-Chloroethyl)ether
Concen: 52.964 ng
RT: 6.551 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

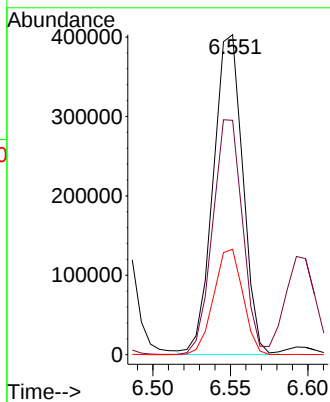
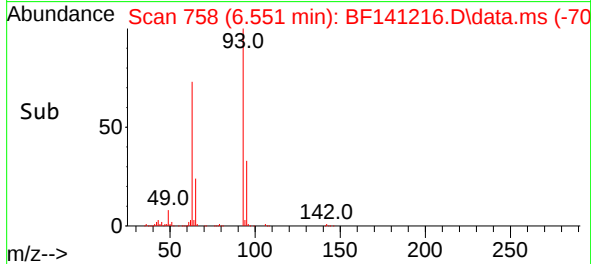
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion: 93 Resp: 53641
Ion Ratio Lower Upper
93 100
63 73.3 58.0 98.0
95 33.0 12.5 52.5

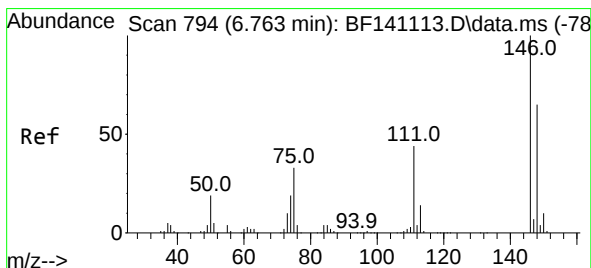
Manual Integrations
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Reviewed By :Yogesh
Patel



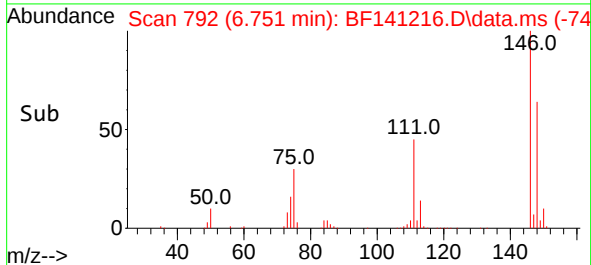
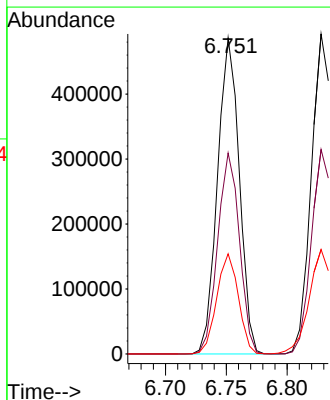
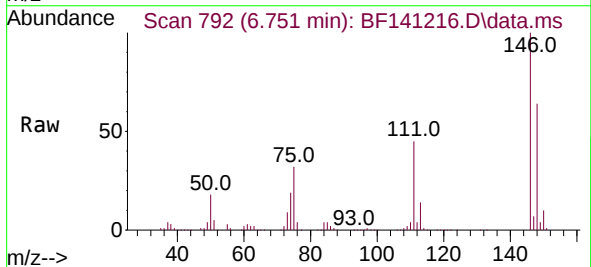
01/21/2025
Supervised By :mohammad
ahmed

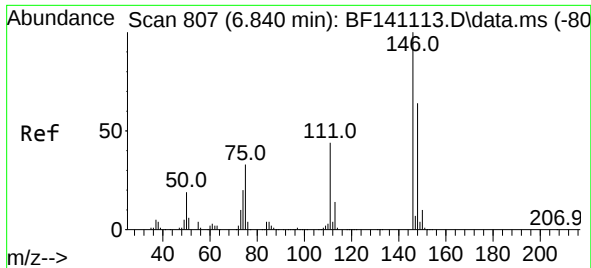
01/21/2025



#12
1,3-Dichlorobenzene
Concen: 50.567 ng
RT: 6.751 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion:146 Resp: 606439
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
75 31.7 26.2 39.2





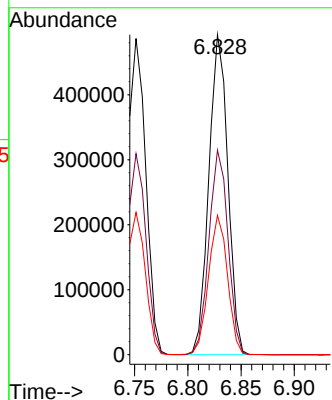
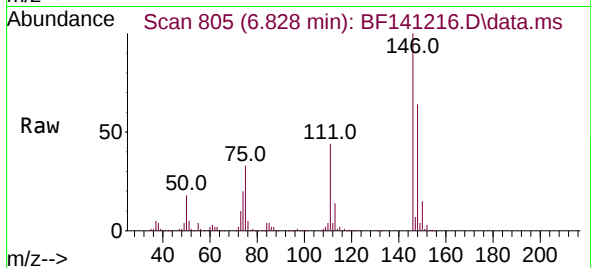
#13
1,4-Dichlorobenzene
Concen: 50.699 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :
BNA_F
ClientSampleId :
PB166097BS

Tgt Ion:146 Resp: 61270
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 43.6 34.9 52.3

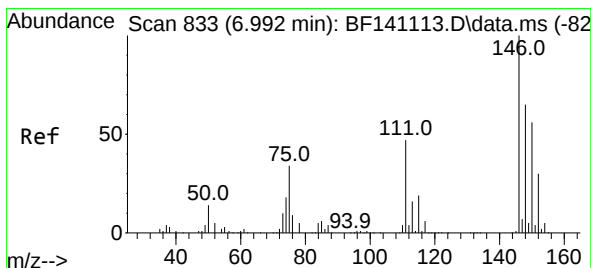
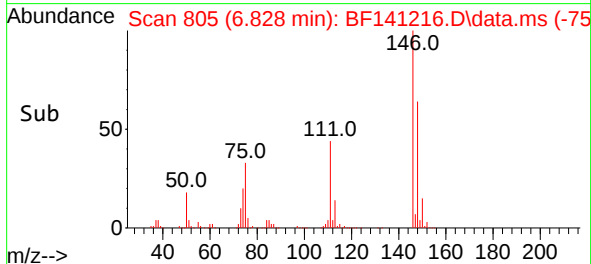
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Reviewed By :Yogesh
Patel



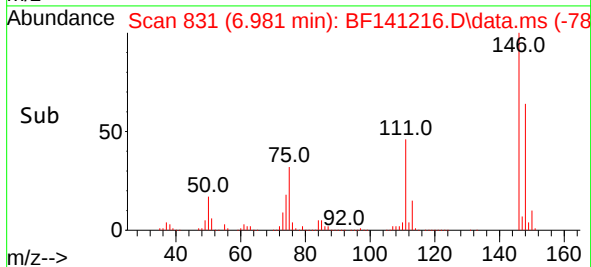
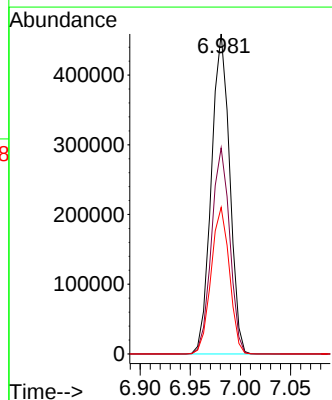
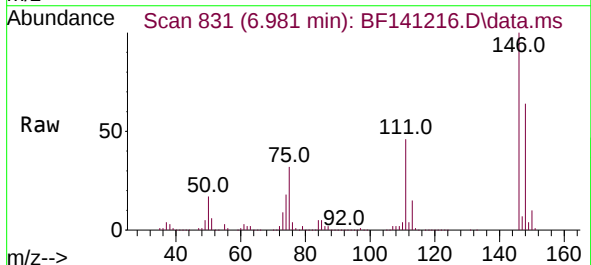
01/21/2025
Supervised By :mohammad
ahmed

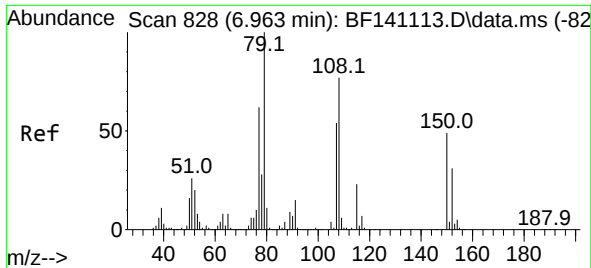
01/21/2025



#14
1,2-Dichlorobenzene
Concen: 51.779 ng
RT: 6.981 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

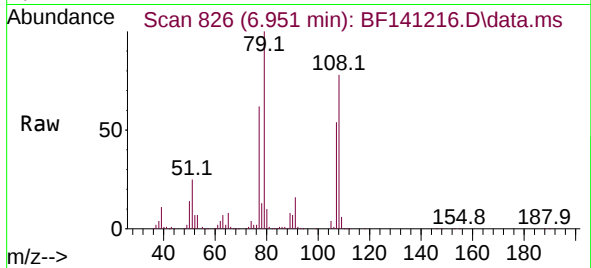
Tgt Ion:146 Resp: 583704
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
111 45.8 37.5 56.3





#15
Benzyl Alcohol
Concen: 55.168 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

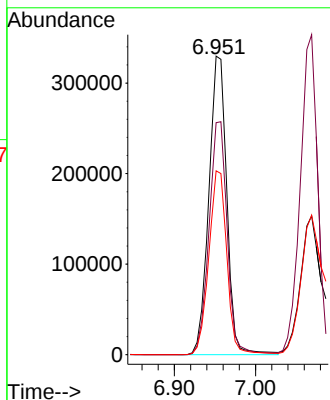
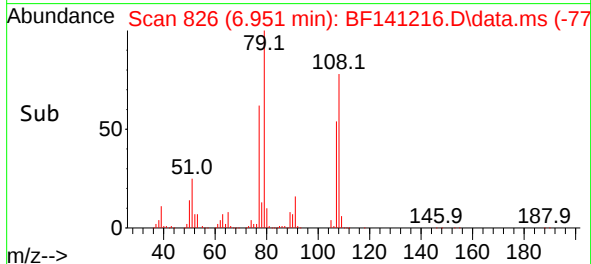
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion: 79 Resp: 505800
Ion Ratio Lower Upper
79 100
108 77.7 61.4 92.0
77 61.6 49.8 74.6

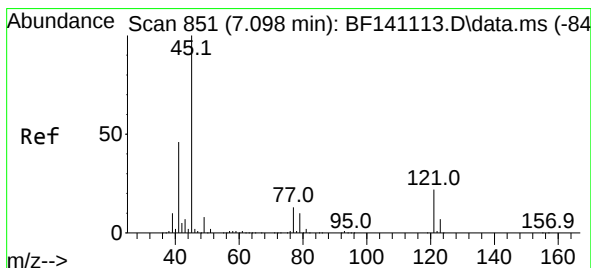
Manual Integrations
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Reviewed By :Yogesh
Patel

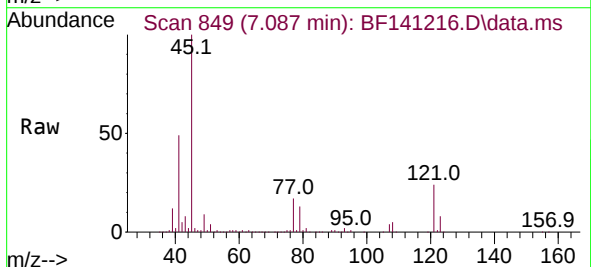


01/21/2025
Supervised By :mohammad
ahmed

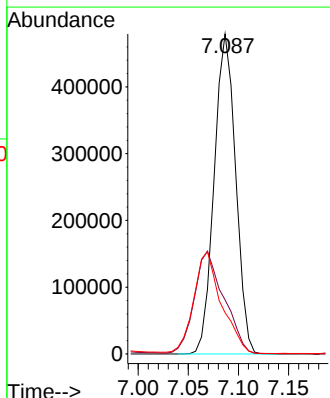
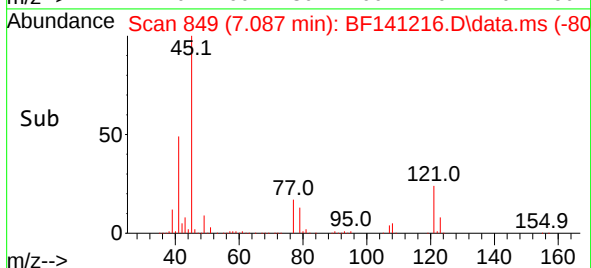
01/21/2025

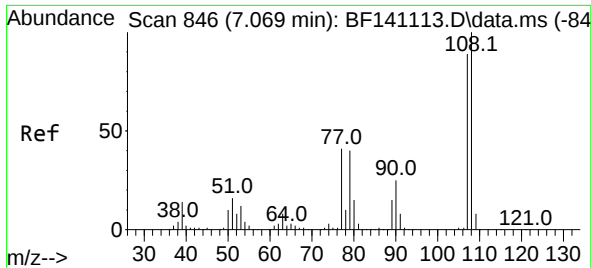


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.368 ng
RT: 7.087 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



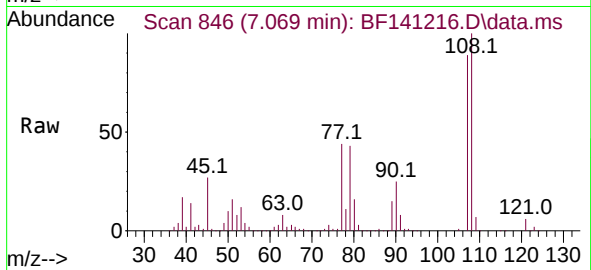
Tgt Ion: 45 Resp: 711853
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.1
79 12.9 0.0 31.0





#17
2-Methylphenol
Concen: 53.988 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

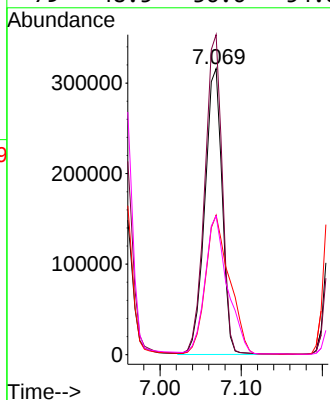
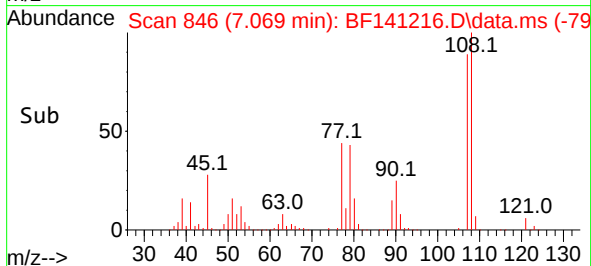
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:107 Resp: 46868
Ion Ratio Lower Upper
107 100
108 111.9 90.1 135.1
77 48.8 36.6 55.0
79 48.5 36.6 54.8

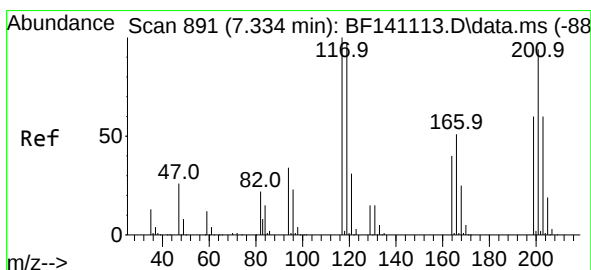
Manual Integrations
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Patel

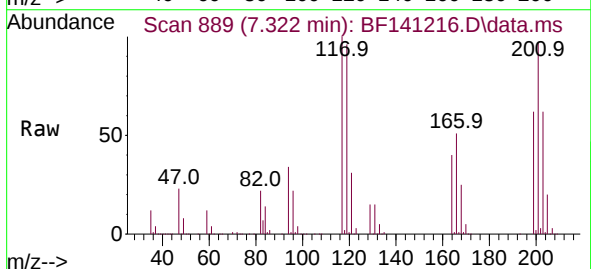


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Supervised By :mohammad
ahmed

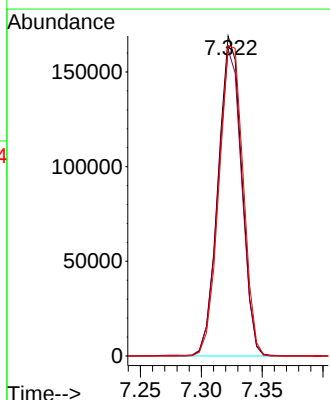
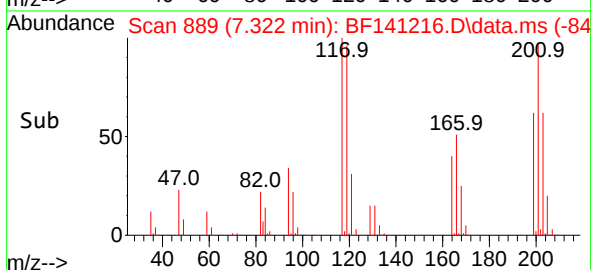
01/21/2025



#18
Hexachloroethane
Concen: 52.025 ng
RT: 7.322 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



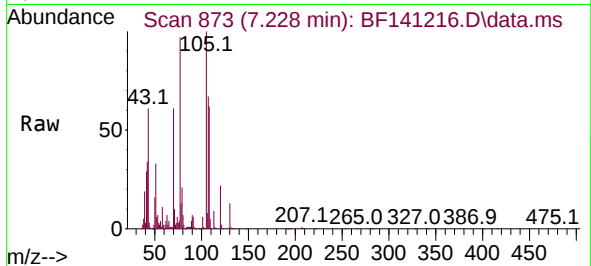
Tgt Ion:117 Resp: 227369
Ion Ratio Lower Upper
117 100
119 95.8 77.6 116.4
201 97.0 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 53.031 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

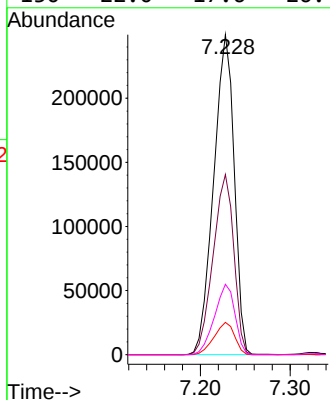
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion: 70 Resp: 396592
Ion Ratio Lower Upper
70 100
42 56.3 47.8 71.6
101 10.1 7.9 11.9
130 22.0 17.6 26.4

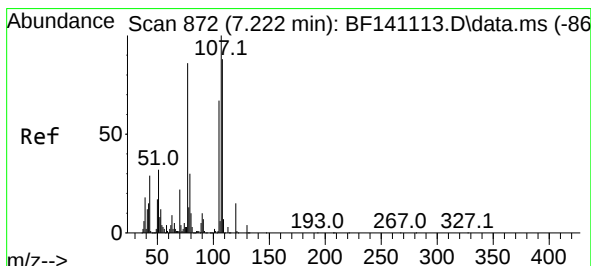
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



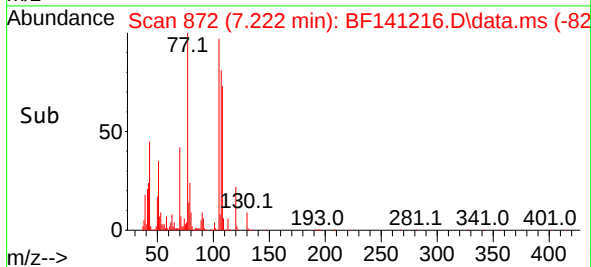
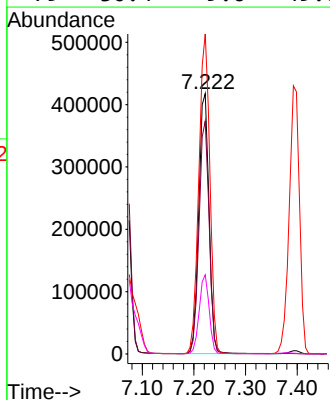
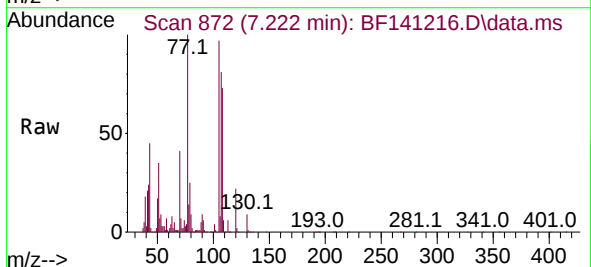
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Supervised By :mohammad
ahmed

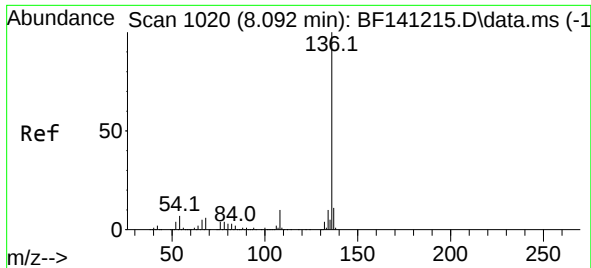
01/21/2025



#20
3+4-Methylphenols
Concen: 52.361 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

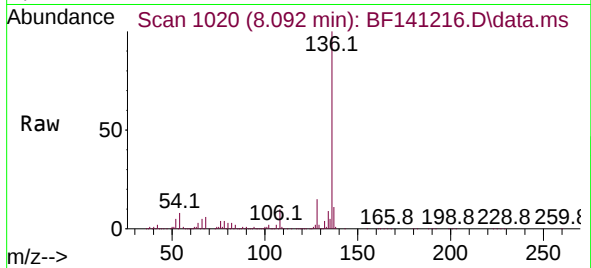
Tgt Ion:107 Resp: 573476
Ion Ratio Lower Upper
107 100
108 89.5 68.3 108.3
77 122.9 66.4 106.4#
79 30.4 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

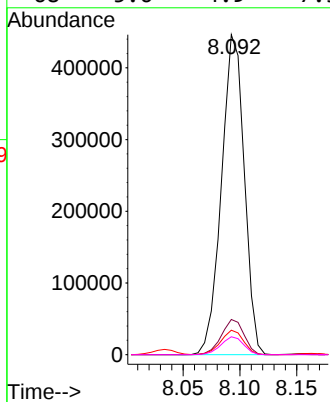
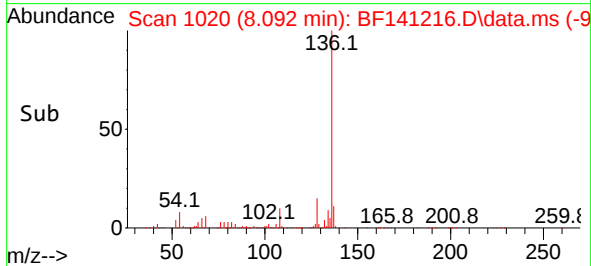
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:136 Resp: 622960
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.3 9.5
68 5.6 4.9 7.3

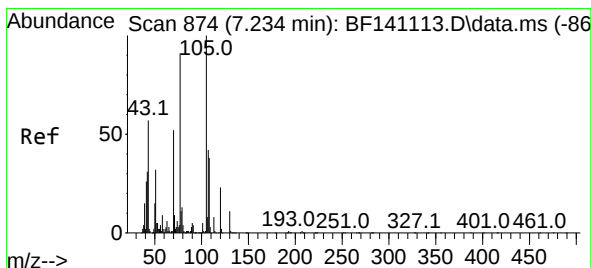
Manual Integrations
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Reviewed By :Yogesh
Patel



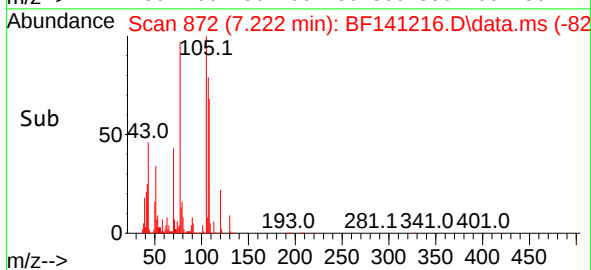
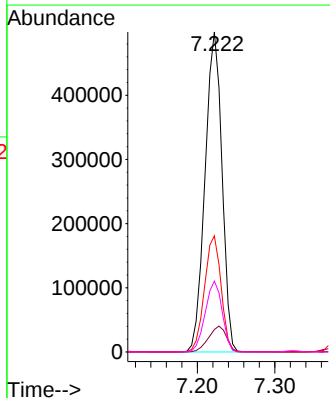
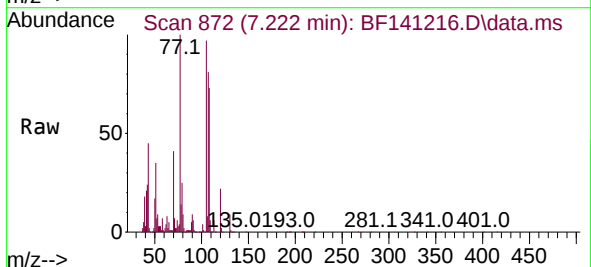
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Supervised By :mohammad
ahmed

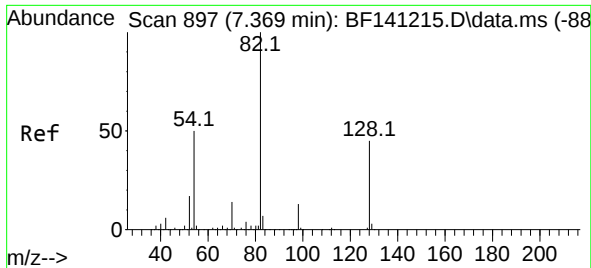
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#22
Acetophenone
Concen: 51.090 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion:105 Resp: 756611
Ion Ratio Lower Upper
105 100
71 7.0 7.1 10.7#
51 36.3 25.4 38.2
120 22.2 18.0 27.0





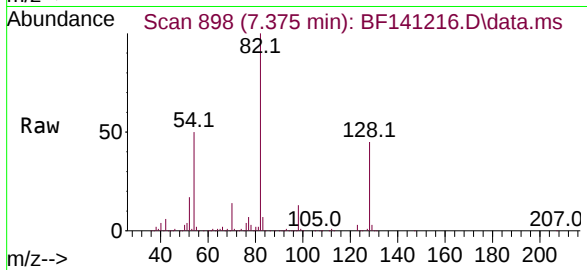
#23
Nitrobenzene-d5
Concen: 101.130 ng
RT: 7.375 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

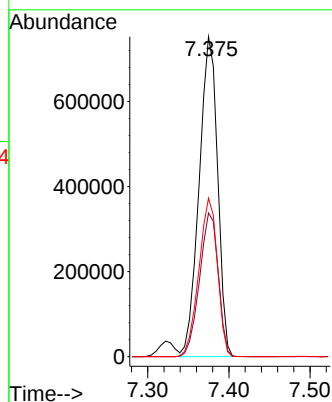
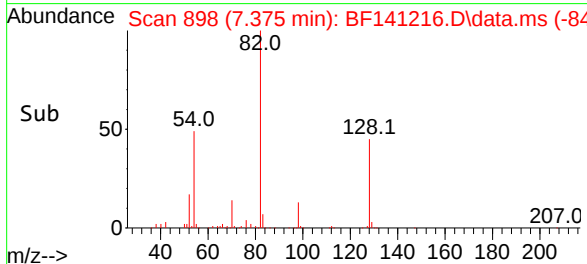
PB166097BS



Tgt Ion: 82 Resp: 1188499
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 49.5 41.0 61.4

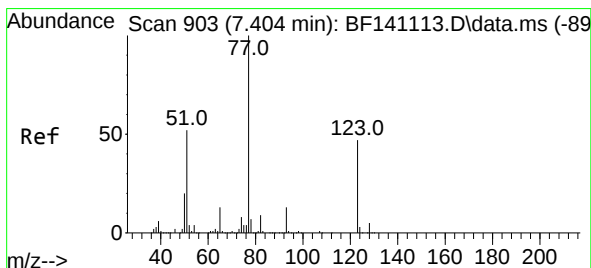
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Reviewed By :Yogesh
Patel



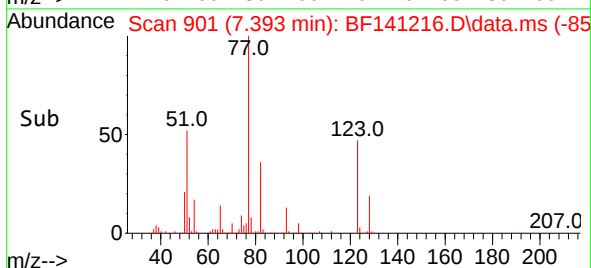
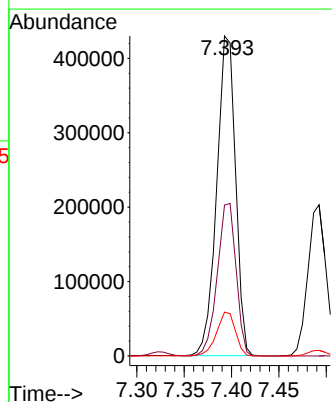
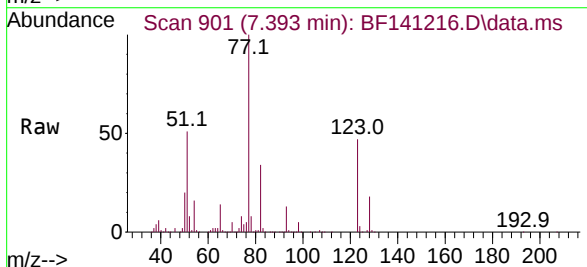
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Supervised By :mohammad
ahmed

01/21/2025



#24
Nitrobenzene
Concen: 48.613 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

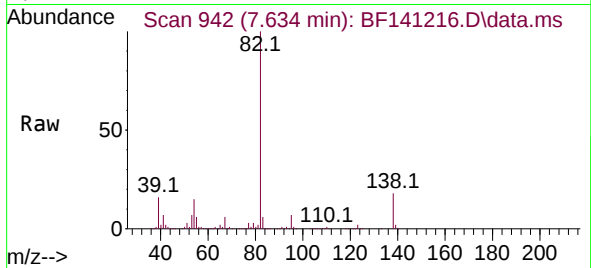
Tgt Ion: 77 Resp: 595426
Ion Ratio Lower Upper
77 100
123 47.2 37.7 56.5
65 13.7 10.6 16.0





#25
Isophorone
Concen: 53.380 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

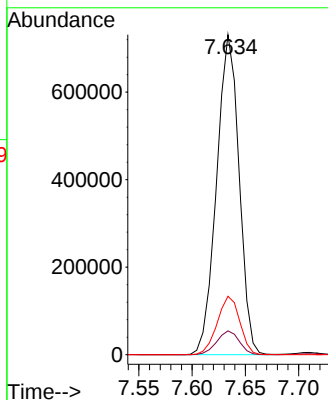
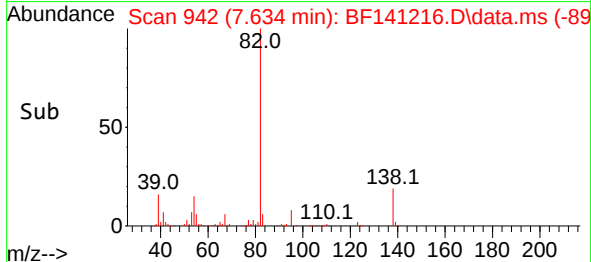
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion: 82 Resp: 1072070
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.3 14.2 21.2

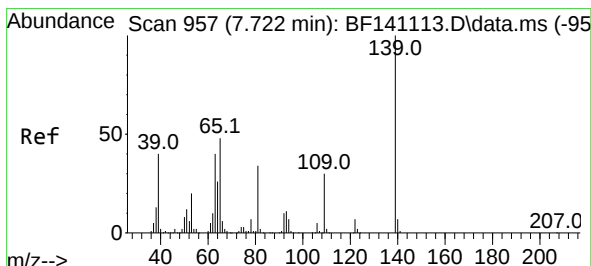
Manual Integrations
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Reviewed By :Yogesh
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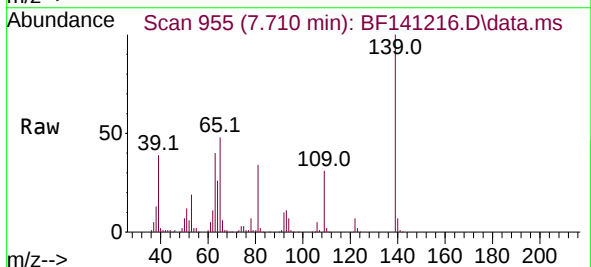


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Supervised By :mohammad
ahmed

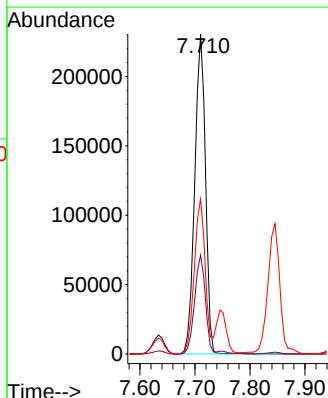
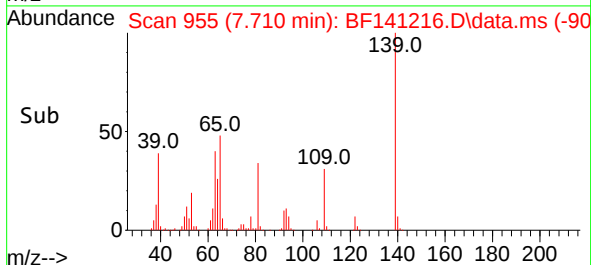
01/21/2025



#26
2-Nitrophenol
Concen: 56.211 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



Tgt Ion:139 Resp: 313184
Ion Ratio Lower Upper
139 100
109 30.9 23.8 35.6
65 48.4 38.5 57.7





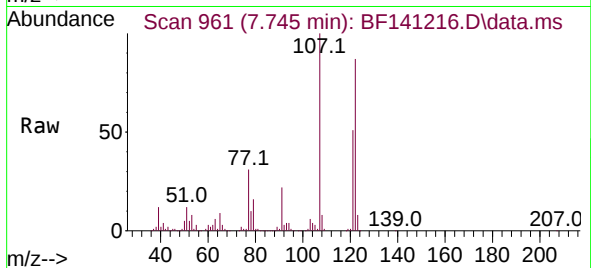
#27
2,4-Dimethylphenol
Concen: 62.703 ng
RT: 7.745 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

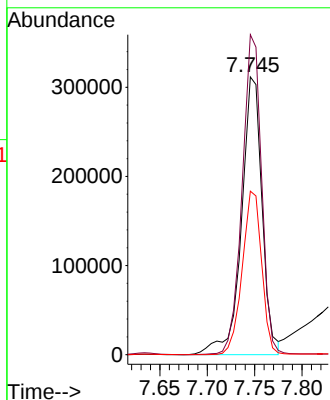
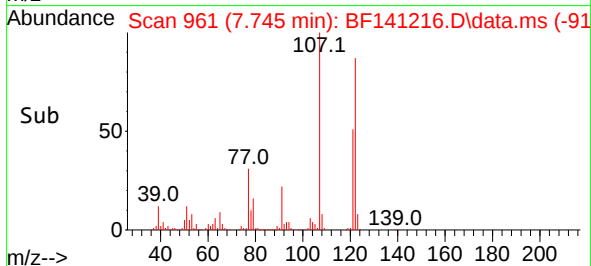
PB166097BS



Tgt Ion:122 Resp: 471220
Ion Ratio Lower Upper
122 100
107 115.2 90.3 135.5
121 58.9 46.5 69.7

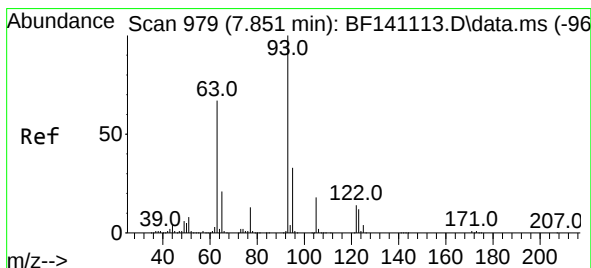
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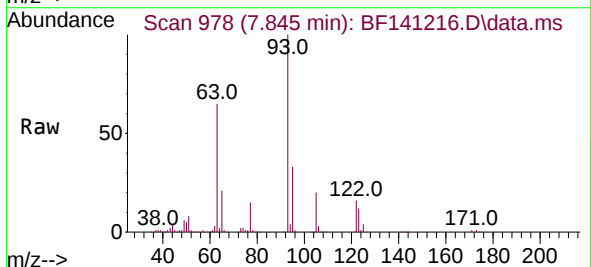


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Supervised By :mohammad
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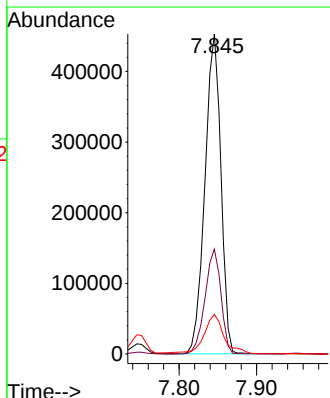
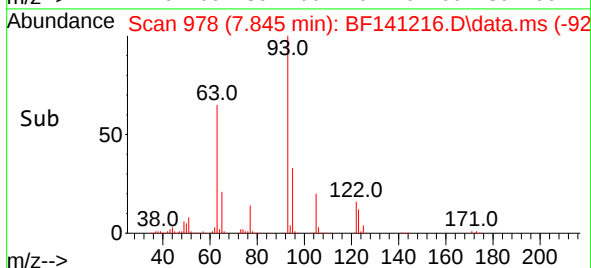
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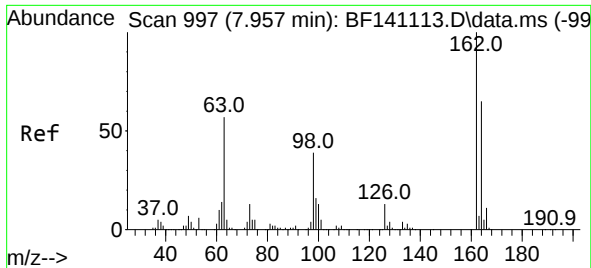


#28
bis(2-Chloroethoxy)methane
Concen: 51.304 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



Tgt Ion: 93 Resp: 646648
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 12.4 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 53.799 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF141216.D

Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

PB166097BS

Tgt Ion:162 Resp: 48019

Ion Ratio Lower Upper

162 100

164 64.4 44.5 84.5

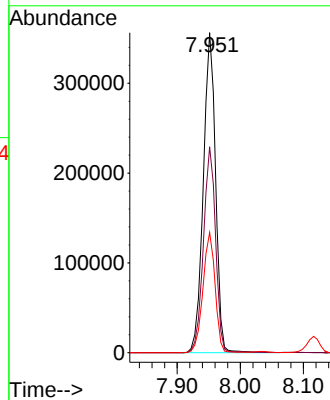
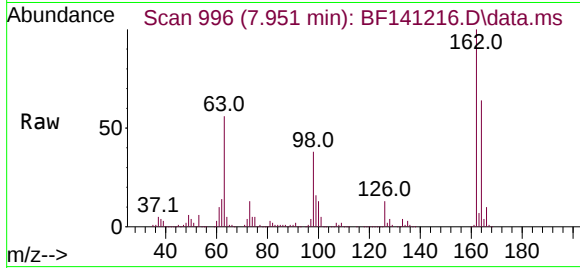
98 37.6 18.5 58.5

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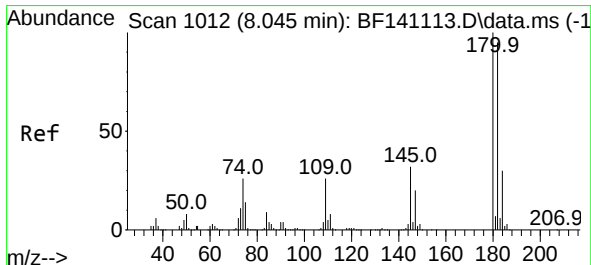
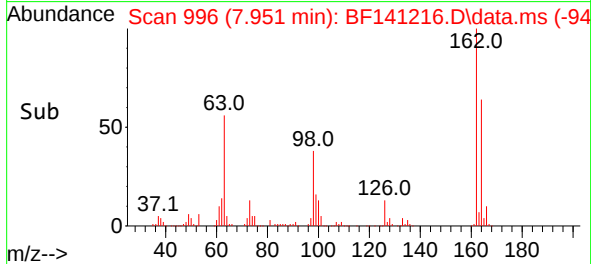
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#30

1,2,4-Trichlorobenzene

Concen: 49.826 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.012 min

Lab File: BF141216.D

Acq: 20 Jan 2025 12:22

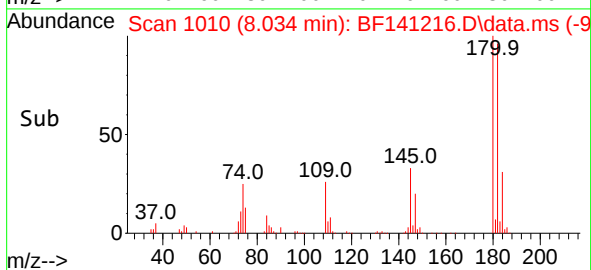
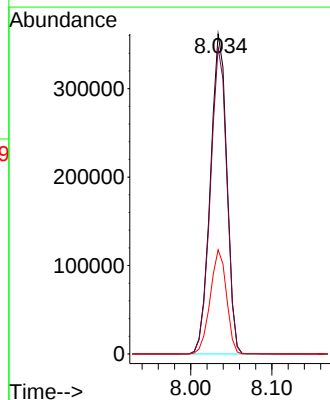
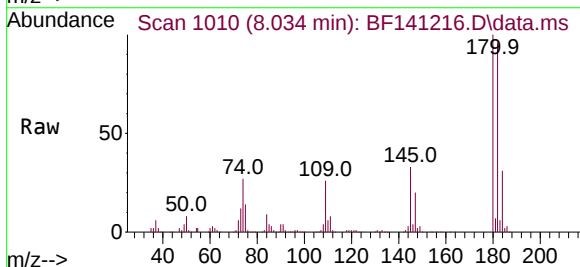
Tgt Ion:180 Resp: 508338

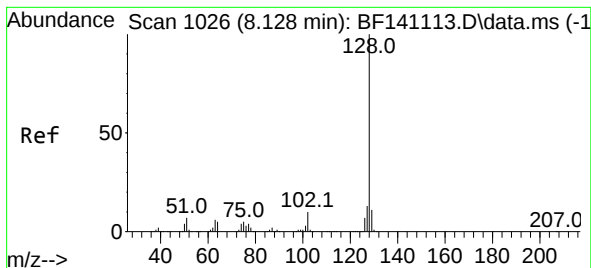
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

145 32.5 25.3 37.9





#31

Naphthalene

Concen: 50.949 ng

RT: 8.116 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF141216.D

Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

PB166097BS

Tgt Ion:128 Resp: 167380

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

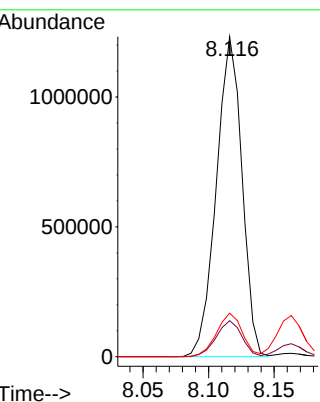
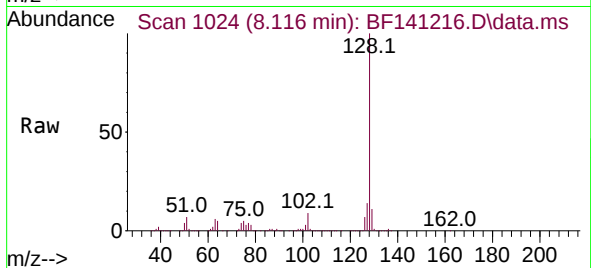
127 13.6 10.8 16.2

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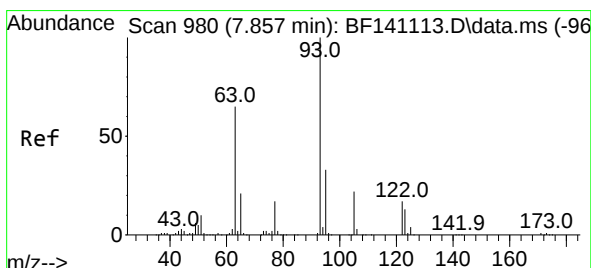
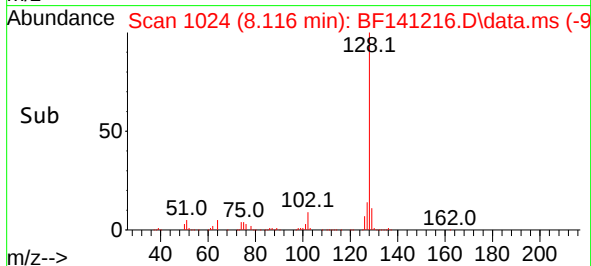
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#32

Benzoic acid

Concen: 55.207 ng

RT: 7.869 min Scan# 982

Delta R.T. 0.012 min

Lab File: BF141216.D

Acq: 20 Jan 2025 12:22

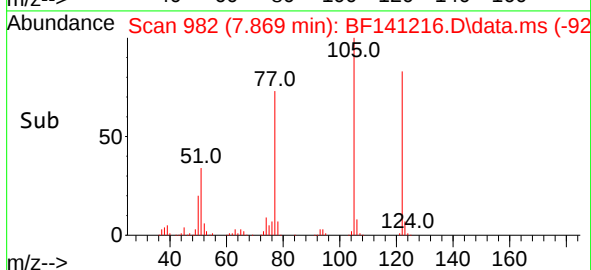
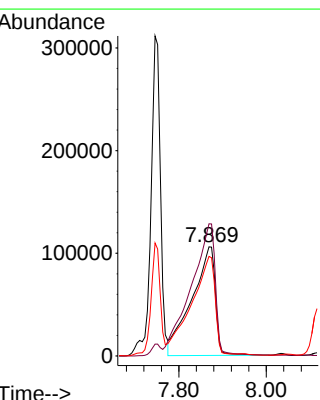
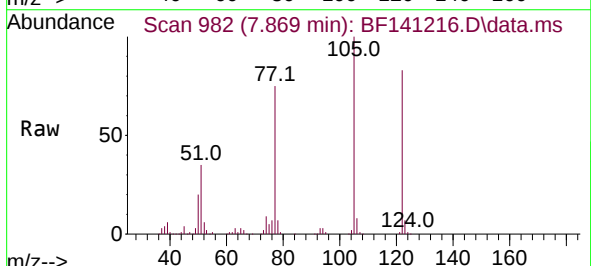
Tgt Ion:122 Resp: 397997

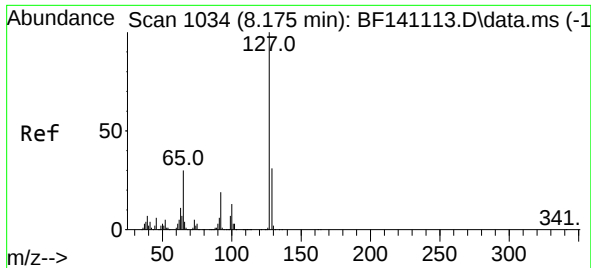
Ion Ratio Lower Upper

122 100

105 121.1 105.5 145.5

77 91.2 75.1 115.1





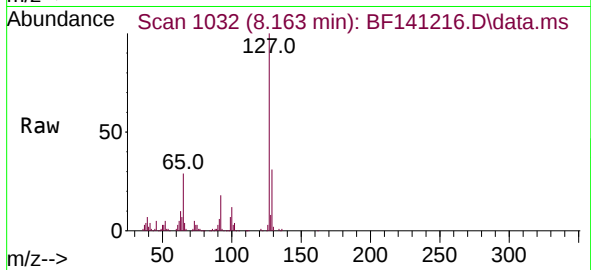
#33
4-Chloroaniline
Concen: 19.972 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

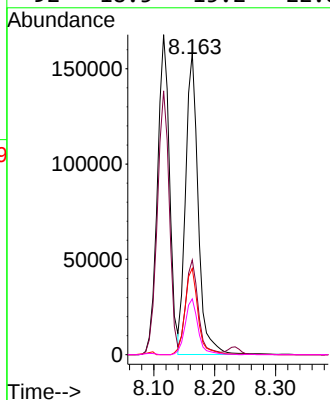
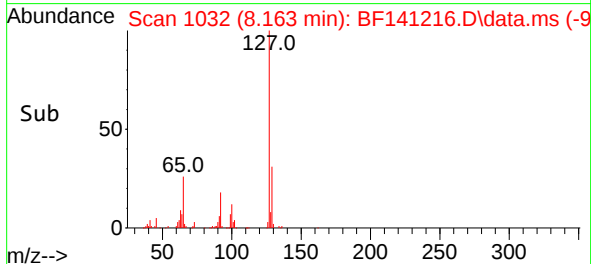
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Tgt Ion:127 Resp: 226917
Ion Ratio Lower Upper
127 100
129 31.4 25.9 38.9
65 28.6 23.8 35.8
92 18.5 15.2 22.8

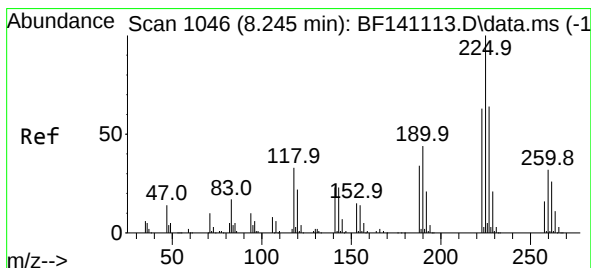
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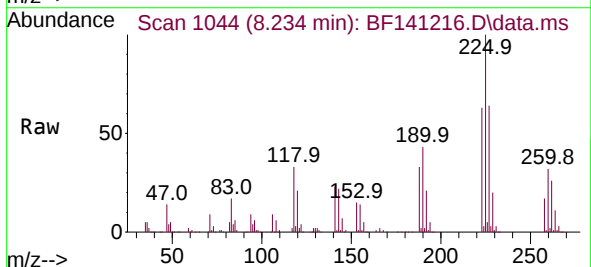


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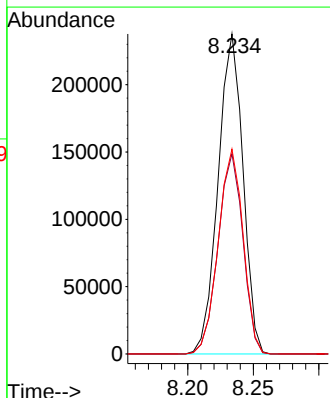
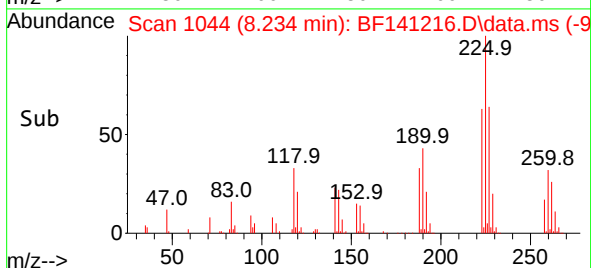
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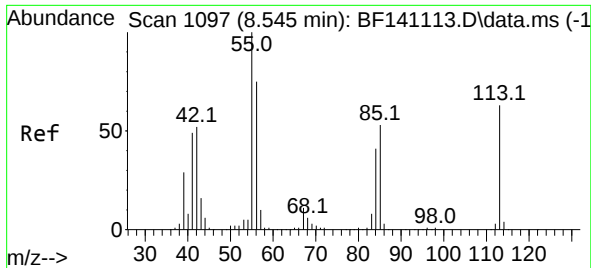


#34
Hexachlorobutadiene
Concen: 50.933 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



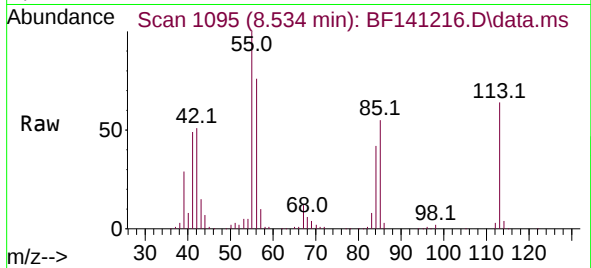
Tgt Ion:225 Resp: 313106
Ion Ratio Lower Upper
225 100
223 62.5 50.6 76.0
227 64.0 51.6 77.4





#35
Caprolactam
Concen: 52.786 ng m
RT: 8.534 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

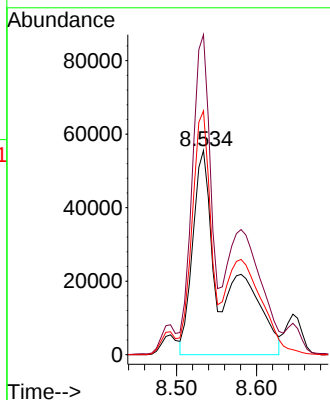
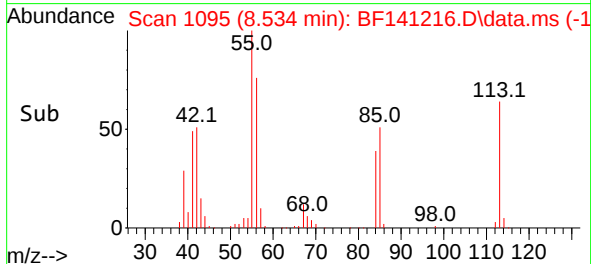
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:113 Resp: 154249
Ion Ratio Lower Upper
113 100
55 156.7 139.7 179.7
56 119.4 99.4 139.4

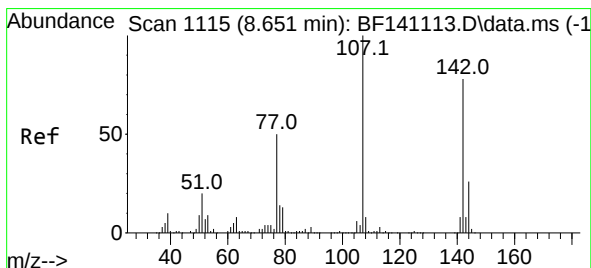
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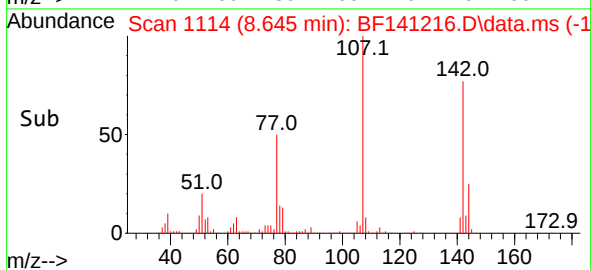
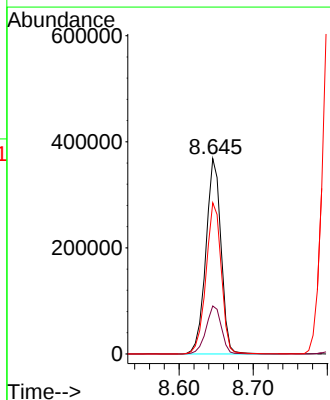
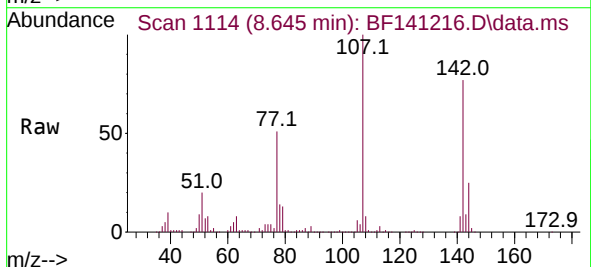
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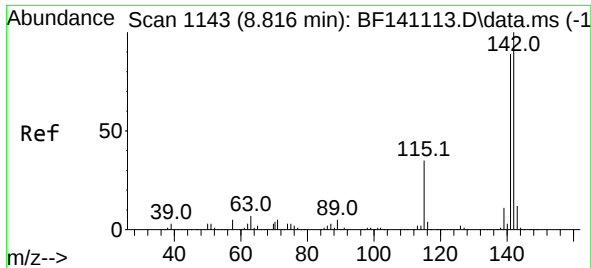
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#36
4-Chloro-3-methylphenol
Concen: 53.633 ng
RT: 8.645 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion:107 Resp: 523539
Ion Ratio Lower Upper
107 100
144 24.6 20.4 30.6
142 77.4 62.2 93.2





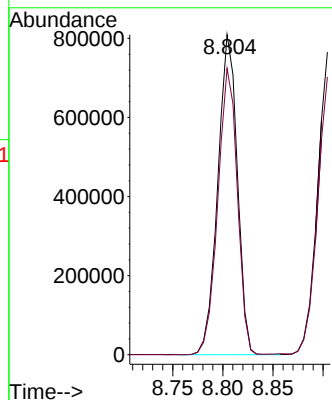
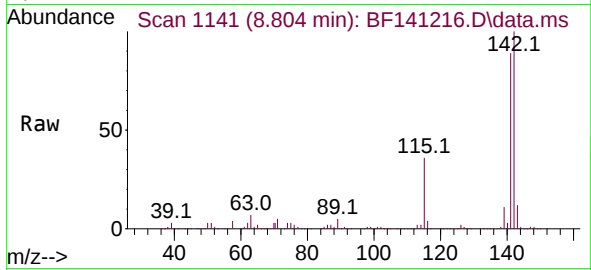
#37
2-Methylnaphthalene
Concen: 52.119 ng
RT: 8.804 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :
BNA_F
ClientSampleId :
PB166097BS

Tgt Ion:142 Resp: 1091100
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9

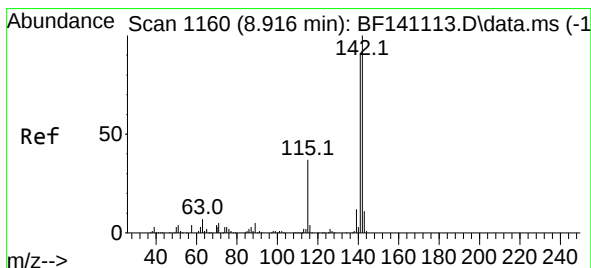
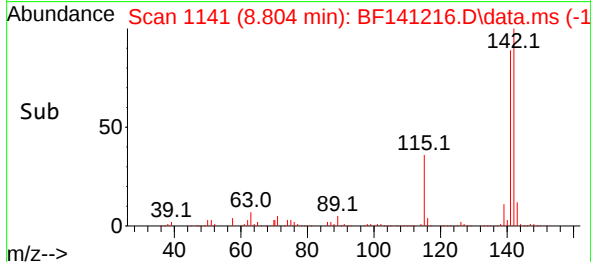
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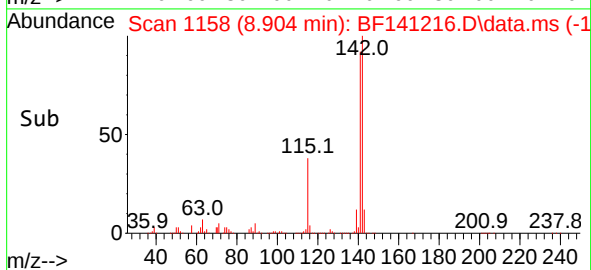
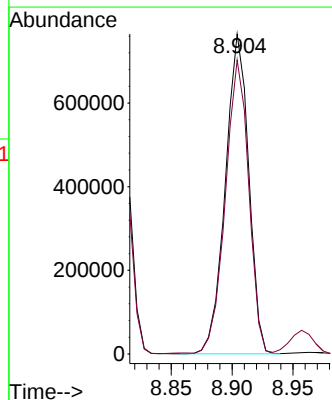
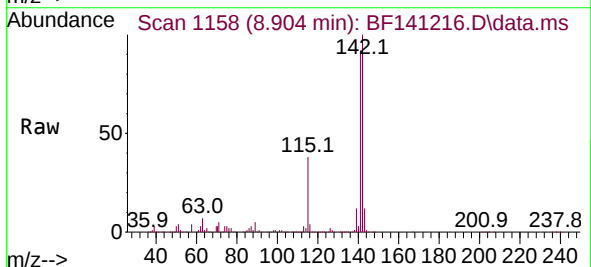
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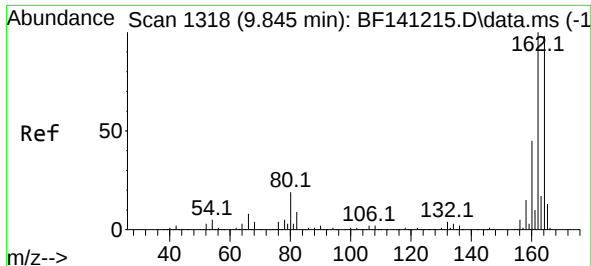
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#38
1-Methylnaphthalene
Concen: 49.375 ng
RT: 8.904 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion:142 Resp: 1018704
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7





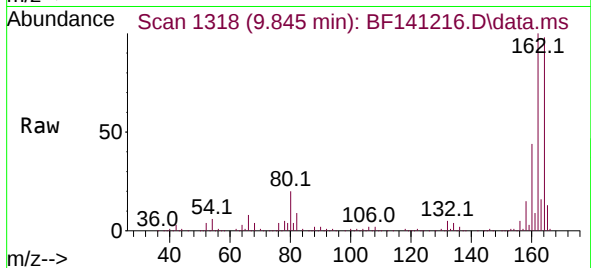
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

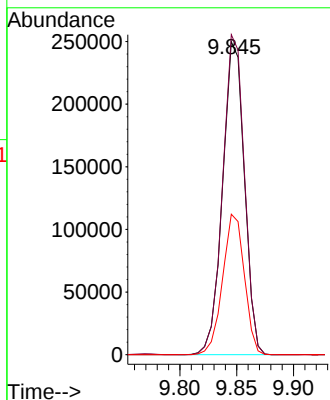
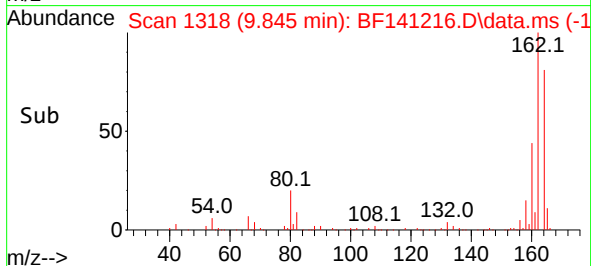
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Tgt Ion:164 Resp: 333652
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.4
160 44.9 36.1 54.1

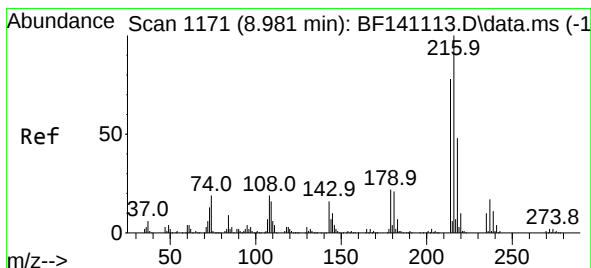
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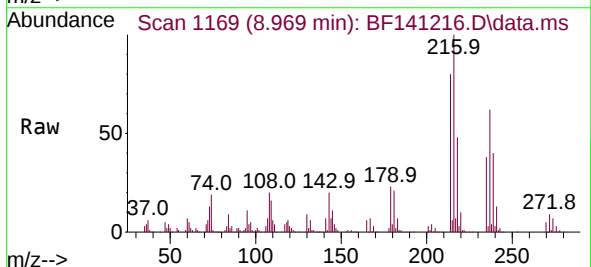


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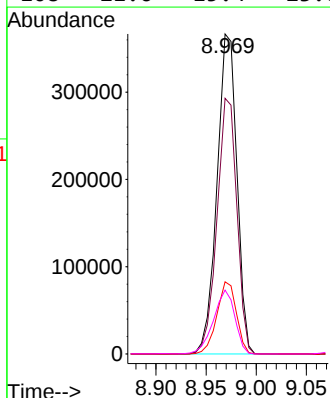
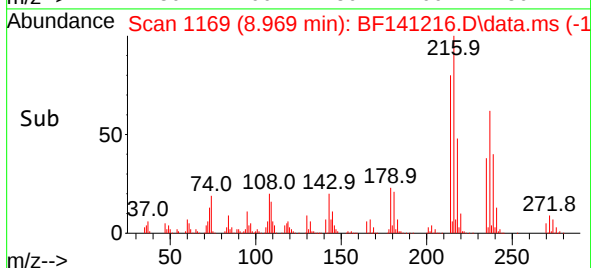
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.671 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



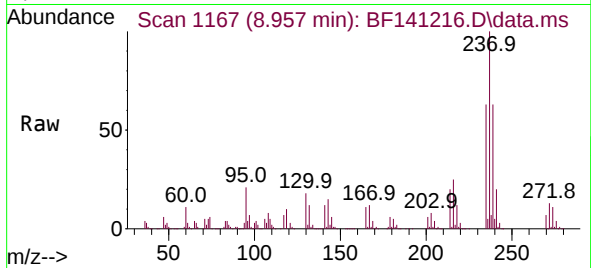
Tgt Ion:216 Resp: 504402
Ion Ratio Lower Upper
216 100
214 79.6 62.6 94.0
179 22.1 17.7 26.5
108 21.6 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 201.498 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

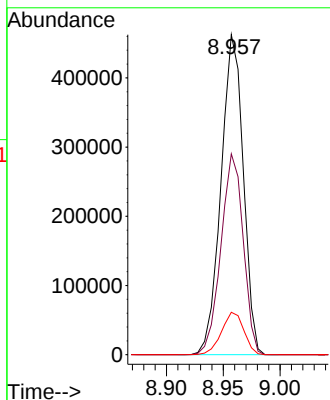
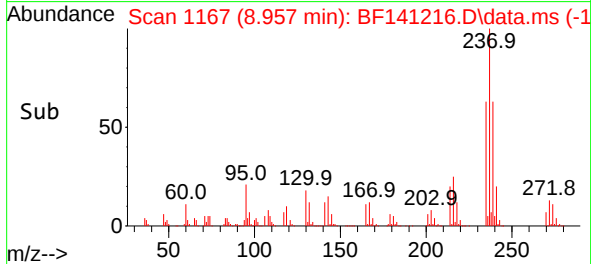
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:237 Resp: 63131
Ion Ratio Lower Upper
237 100
235 62.8 43.0 83.0
272 13.3 0.0 33.0

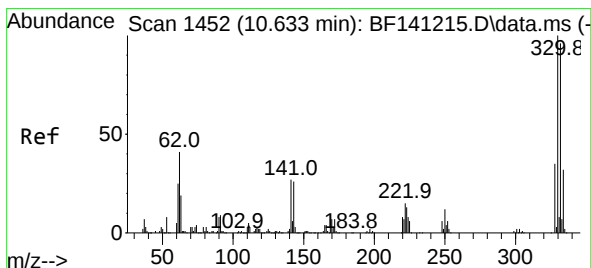
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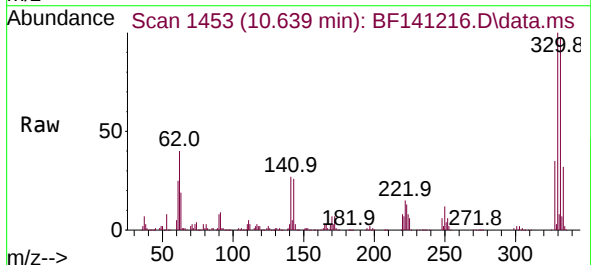


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Supervised By :mohammad
ahmed

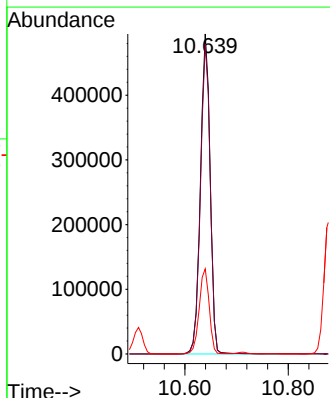
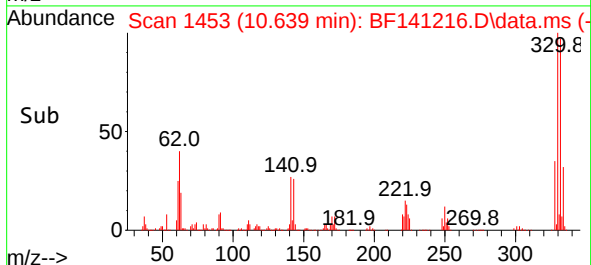
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#42
2,4,6-Tribromophenol
Concen: 169.688 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



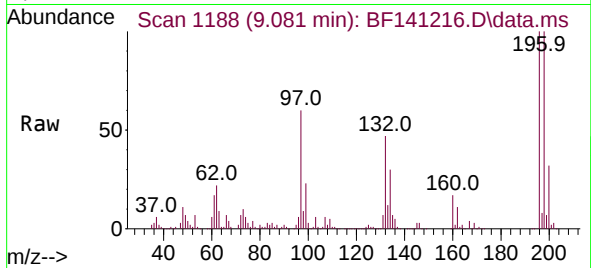
Tgt Ion:330 Resp: 645110
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 27.4 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 55.654 ng
RT: 9.081 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

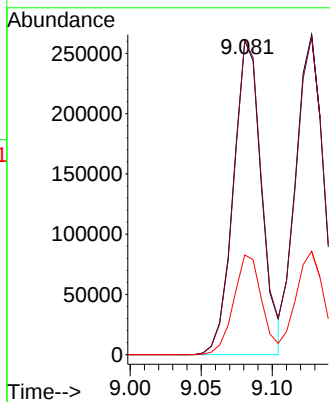
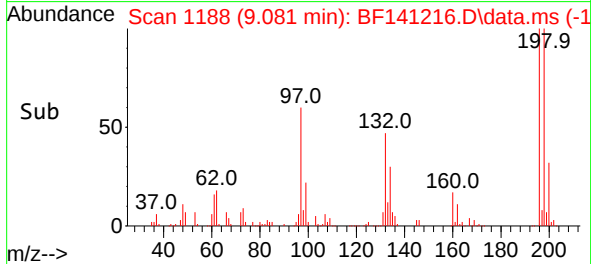
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:196 Resp: 35945
Ion Ratio Lower Upper
196 100
198 99.9 80.8 121.2
200 31.7 25.7 38.5

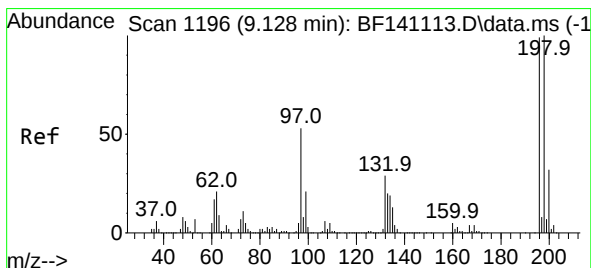
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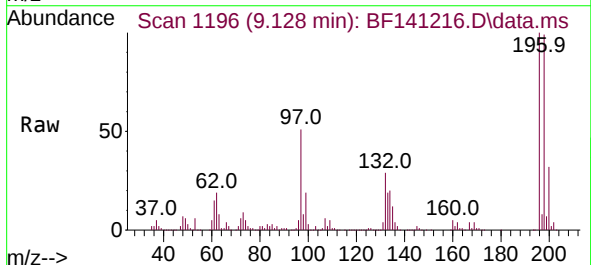


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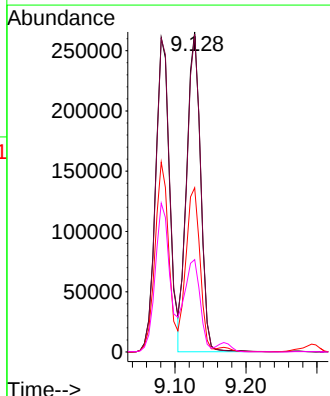
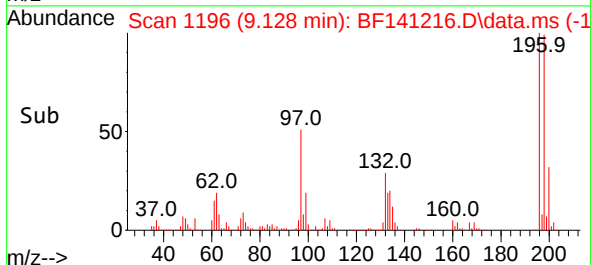
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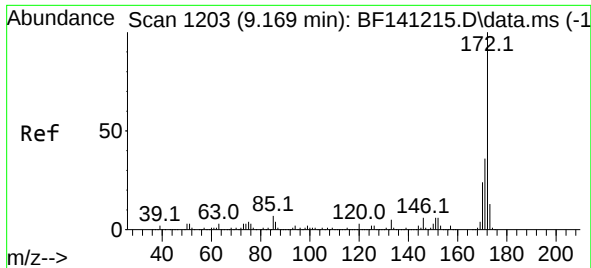


#44
2,4,5-Trichlorophenol
Concen: 52.877 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



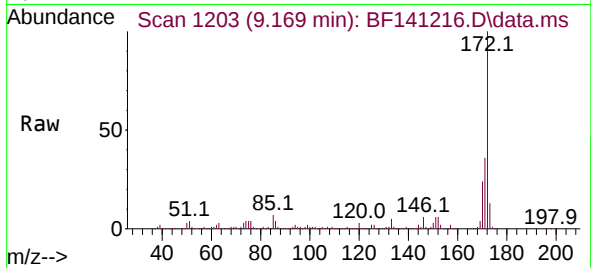
Tgt Ion:196 Resp: 360683
Ion Ratio Lower Upper
196 100
198 99.3 80.6 120.8
97 51.3 43.1 64.7
132 28.8 24.3 36.5





#45
2-Fluorobiphenyl
Concen: 100.576 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

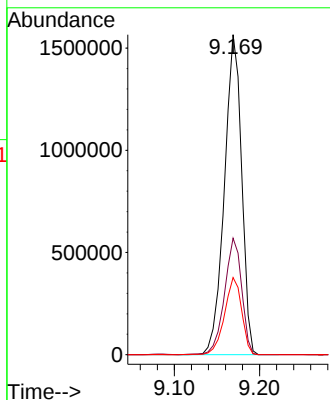
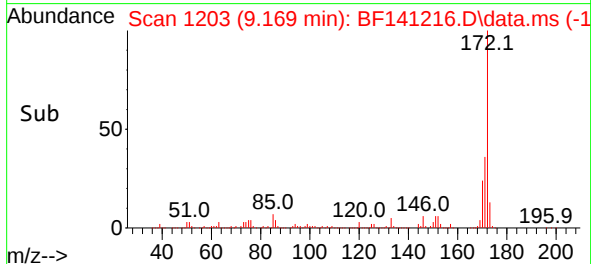
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:172 Resp: 2197540
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.1 19.0 28.6

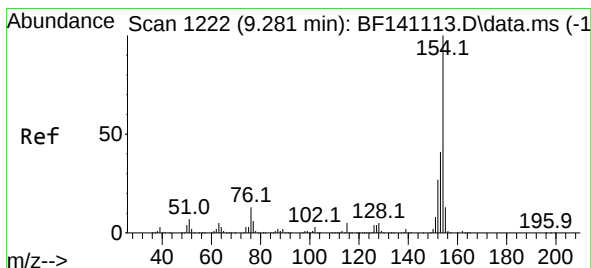
Manual Integrations
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Reviewed By :Yogesh
Patel

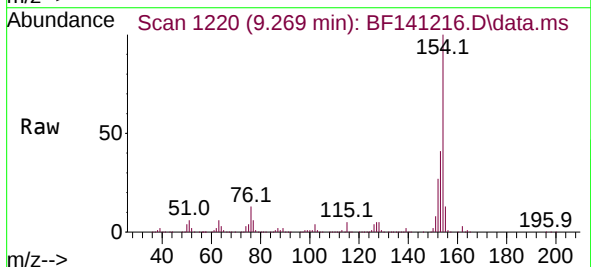


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Supervised By :mohammad
ahmed

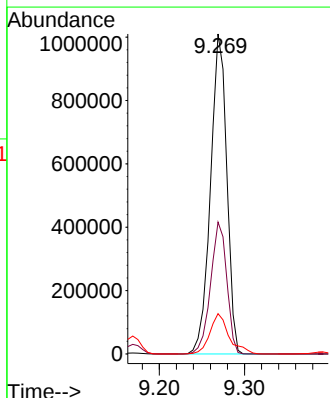
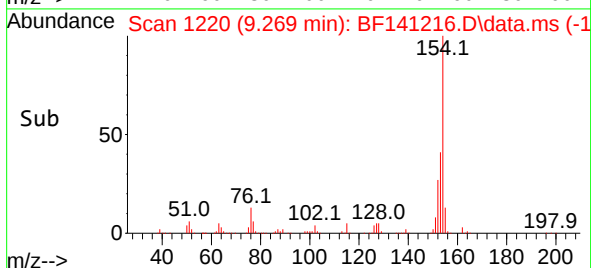
01/21/2025

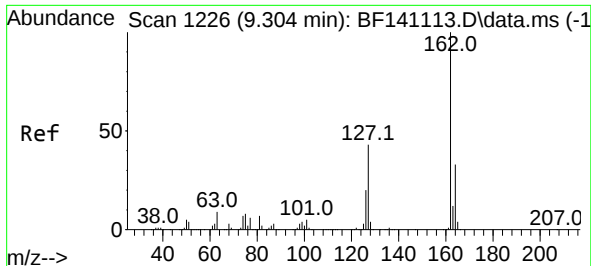


#46
1,1'-Biphenyl
Concen: 51.706 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



Tgt Ion:154 Resp: 1339780
Ion Ratio Lower Upper
154 100
153 41.2 20.7 60.7
76 12.6 0.0 33.1





#47
2-Chloronaphthalene
Concen: 49.724 ng
RT: 9.292 min Scan# 1226
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

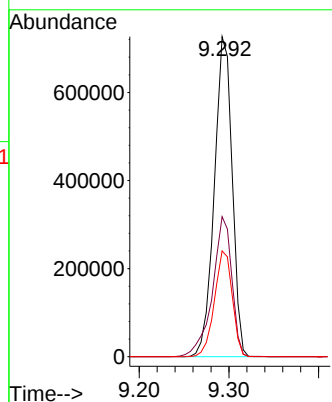
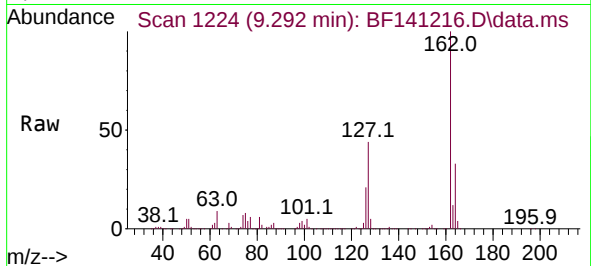
ClientSampleId :

PB166097BS

Tgt Ion:162 Resp: 100351
Ion Ratio Lower Upper
162 100
127 43.8 34.6 51.8
164 33.1 26.5 39.7

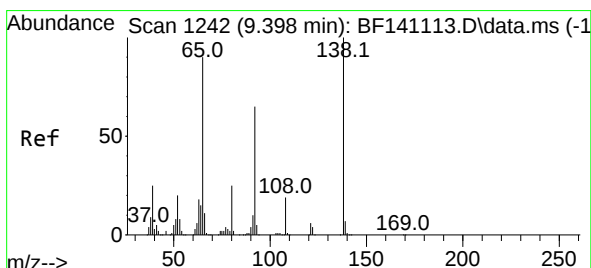
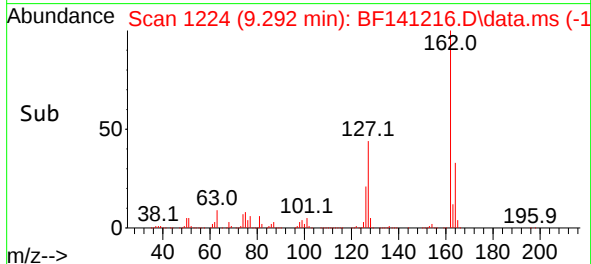
Manual Integrations
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Reviewed By :Yogesh
Patel



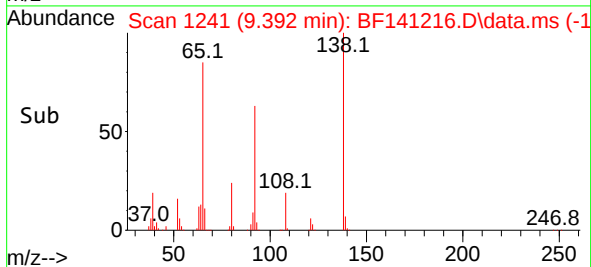
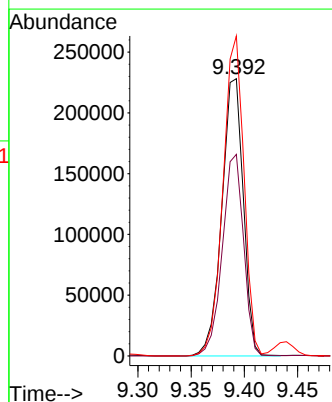
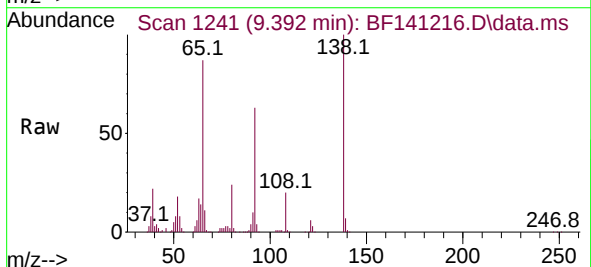
01/21/2025
Supervised By :mohammad
ahmed

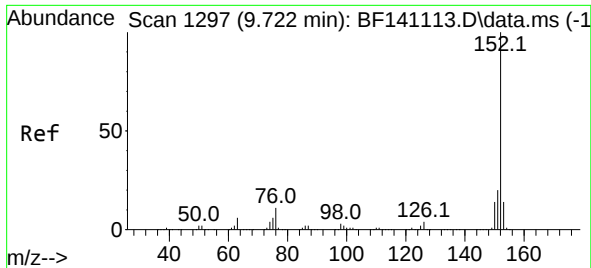
01/21/2025



#48
2-Nitroaniline
Concen: 53.512 ng
RT: 9.392 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion: 65 Resp: 320135
Ion Ratio Lower Upper
65 100
92 72.7 58.3 87.5
138 115.4 89.1 133.7





#49
Acenaphthylene
Concen: 54.897 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

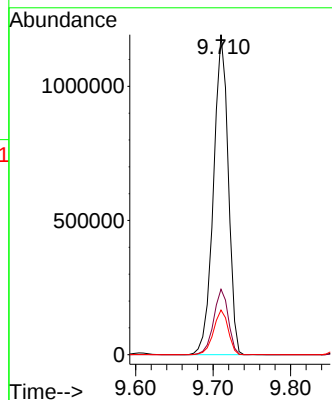
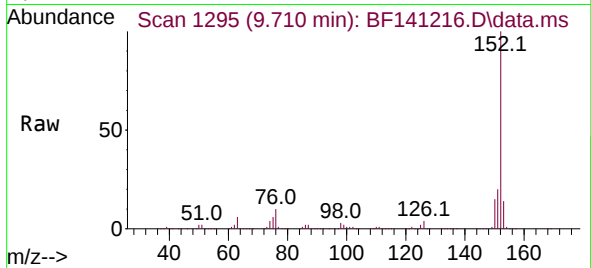
ClientSampleId :

PB166097BS

Tgt Ion:152 Resp: 158289
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 14.0 11.1 16.7

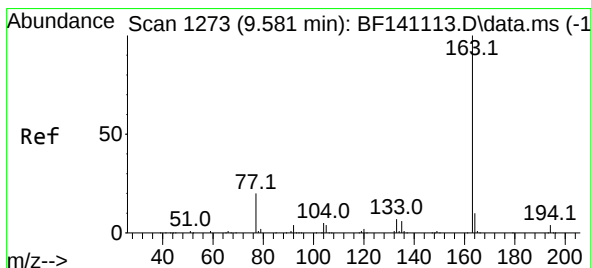
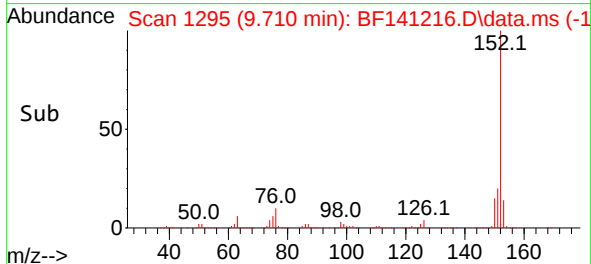
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Reviewed By :Yogesh
Patel



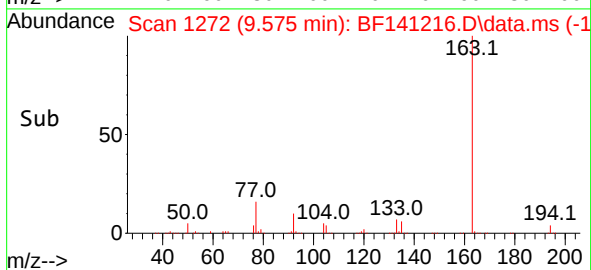
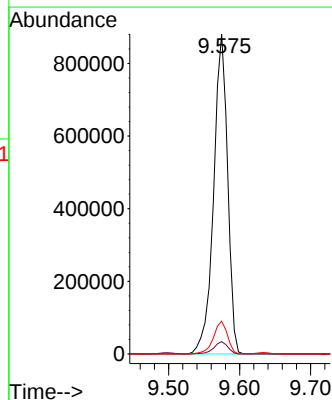
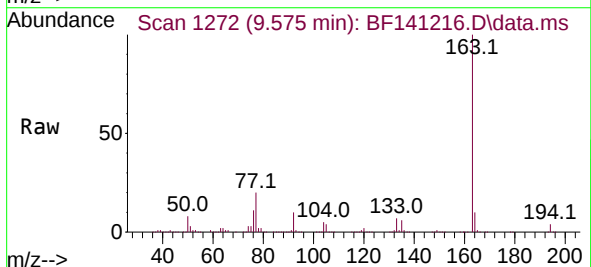
01/21/2025
Supervised By :mohammad
ahmed

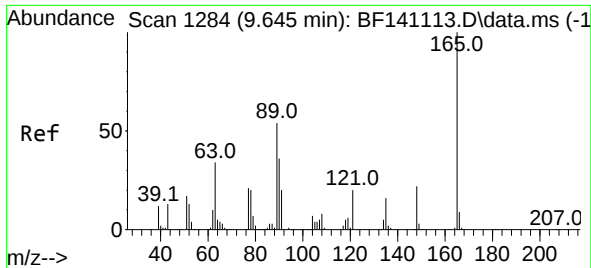
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#50
Dimethylphthalate
Concen: 53.718 ng
RT: 9.575 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

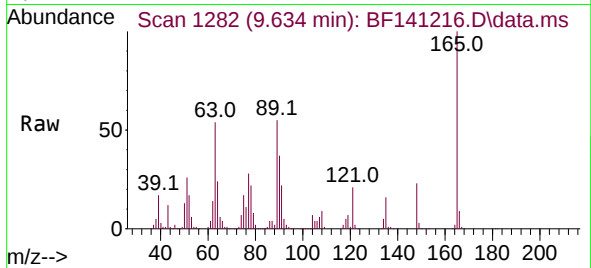
Tgt Ion:163 Resp: 1203254
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 52.159 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

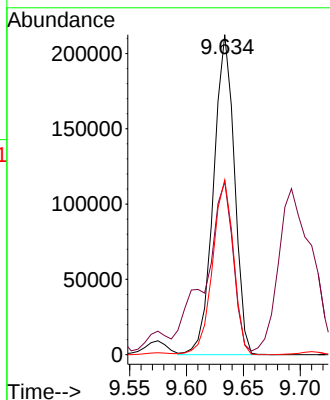
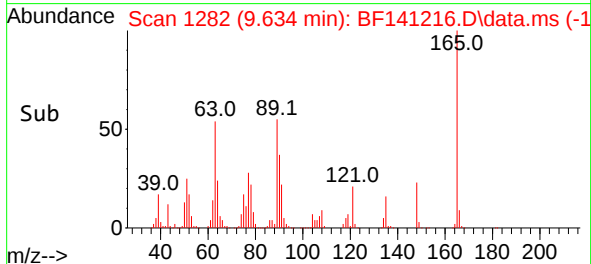
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:165 Resp: 271689
Ion Ratio Lower Upper
165 100
63 54.1 42.3 63.5
89 54.6 43.1 64.7

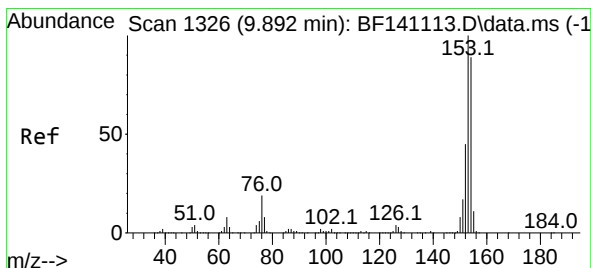
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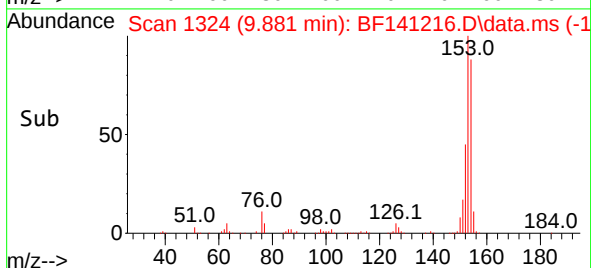
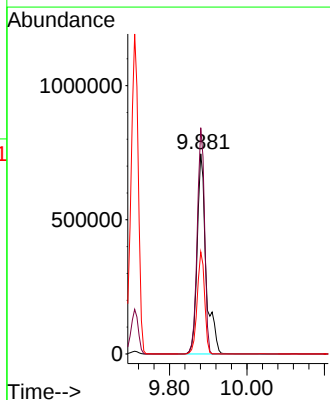
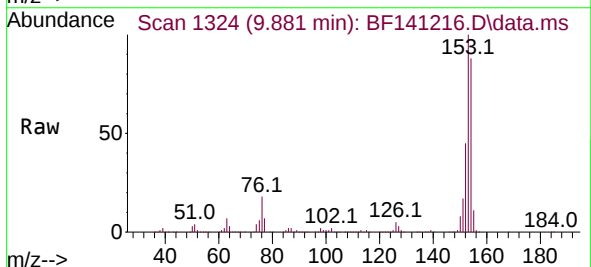
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Supervised By :mohammad
ahmed

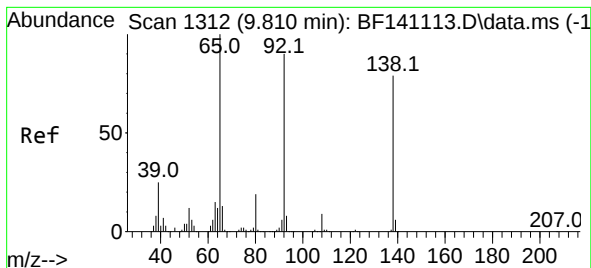
01/21/2025



#52
Acenaphthene
Concen: 59.077 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

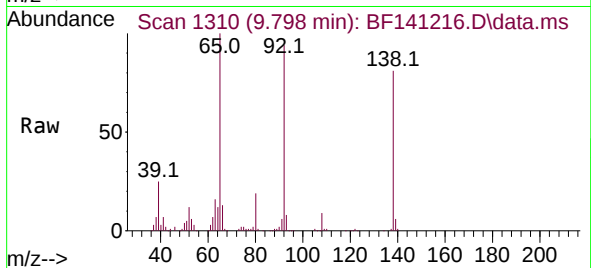
Tgt Ion:154 Resp: 1190079
Ion Ratio Lower Upper
154 100
153 113.1 89.8 134.6
152 51.0 40.8 61.2





#53
3-Nitroaniline
Concen: 31.637 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

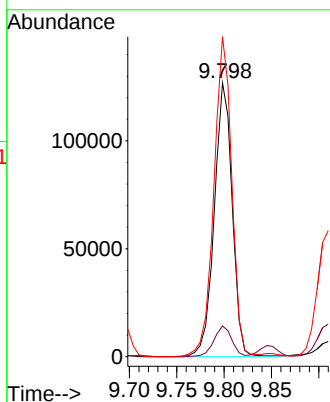
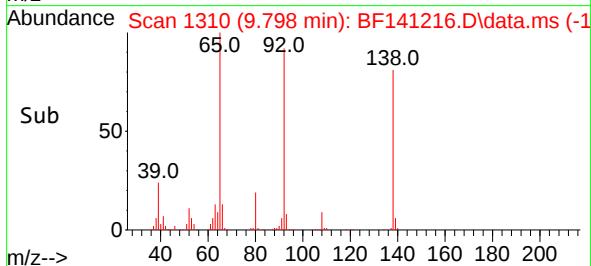
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:138 Resp: 167464
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 116.9 91.3 136.9

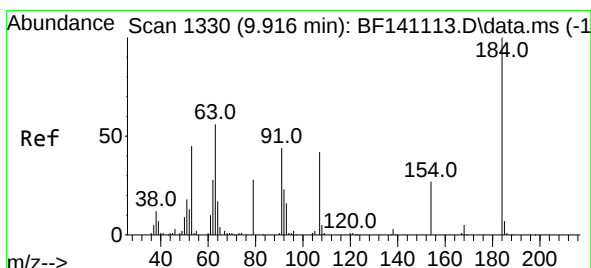
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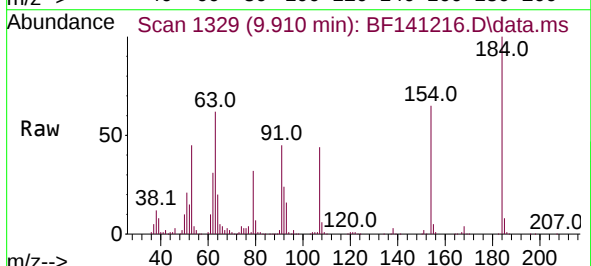


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Supervised By :mohammad
ahmed

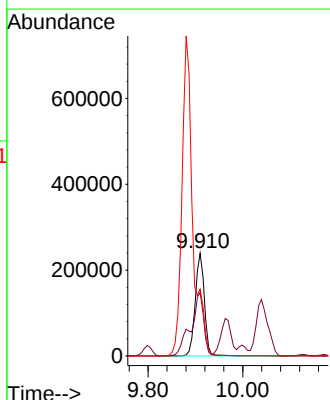
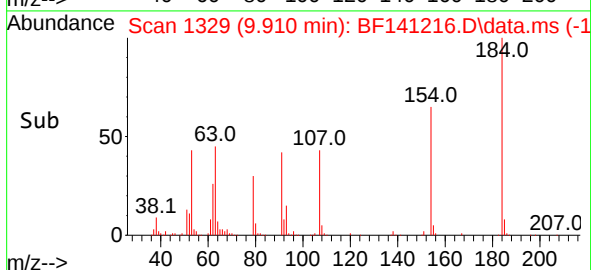
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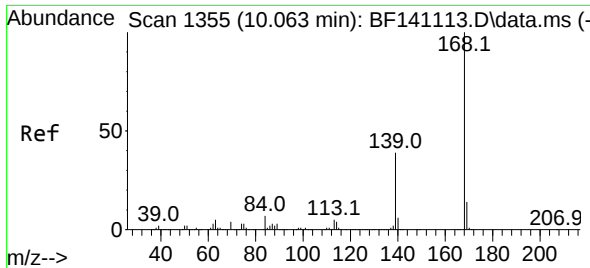


#54
2,4-Dinitrophenol
Concen: 129.883 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



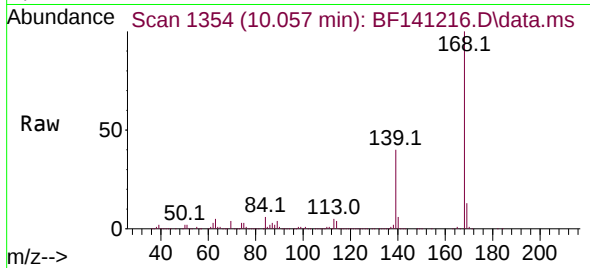
Tgt Ion:184 Resp: 321576
Ion Ratio Lower Upper
184 100
63 61.9 48.7 73.1
154 65.2 57.1 85.7





#55
Dibenzenofuran
Concen: 52.414 ng
RT: 10.057 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

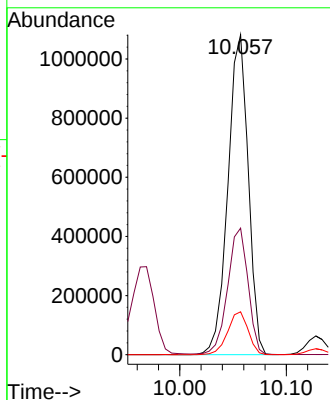
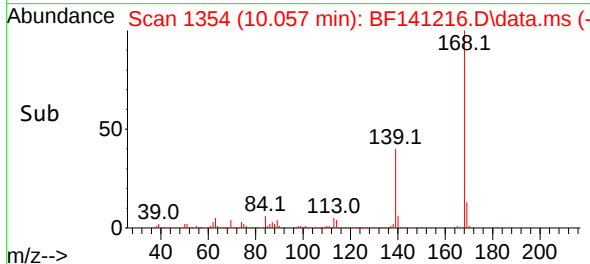
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:168 Resp: 1436172
Ion Ratio Lower Upper
168 100
139 39.6 31.4 47.0
169 13.4 10.9 16.3

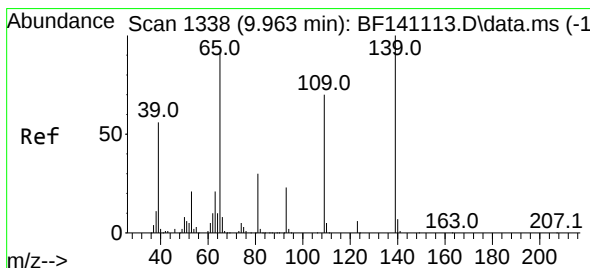
Manual Integrations
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Patel



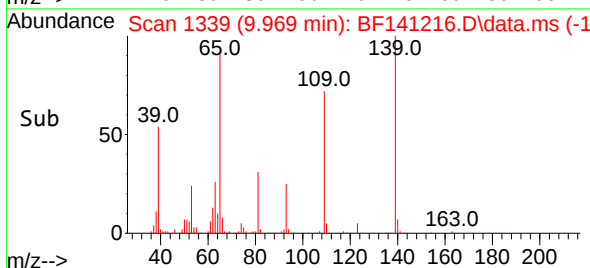
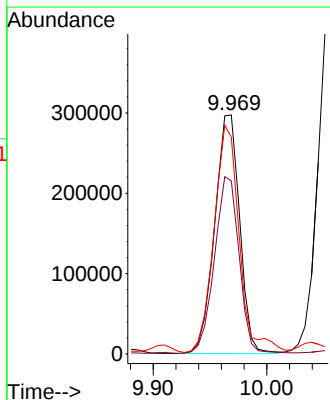
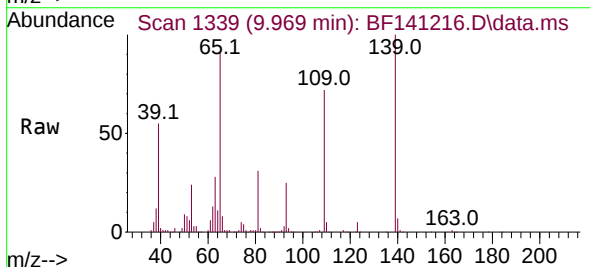
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Supervised By :mohammad
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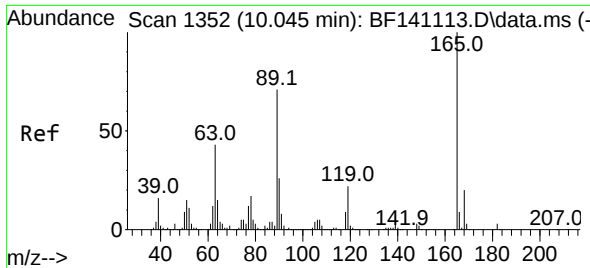
01/21/2025



#56
4-Nitrophenol
Concen: 109.218 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion:139 Resp: 452769
Ion Ratio Lower Upper
139 100
109 72.4 50.2 90.2
65 90.7 72.1 112.1





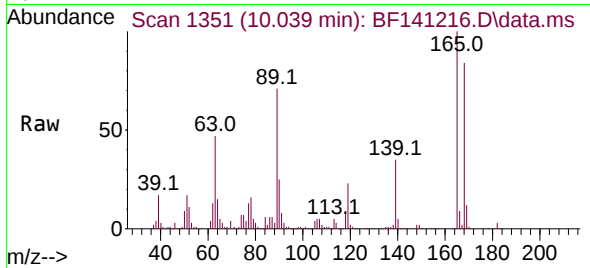
#57
2,4-Dinitrotoluene
Concen: 55.326 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

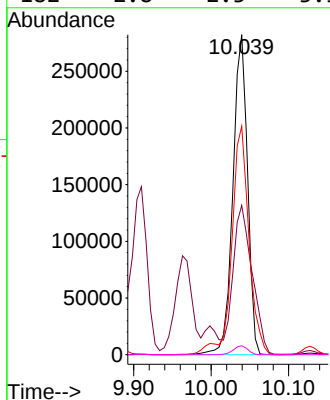
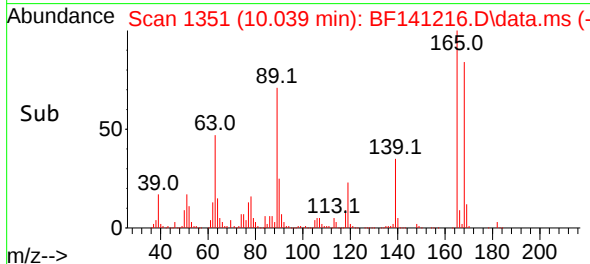
PB166097BS



Tgt Ion:165 Resp: 371394
Ion Ratio Lower Upper
165 100
63 46.7 35.0 52.4
89 71.4 56.7 85.1
182 2.8 2.3 3.5

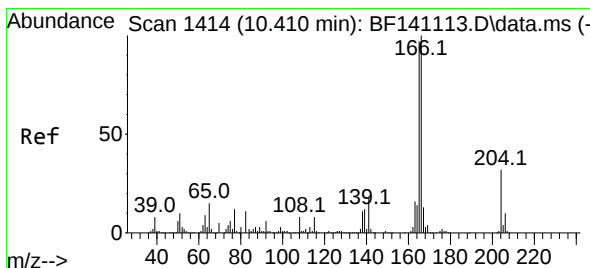
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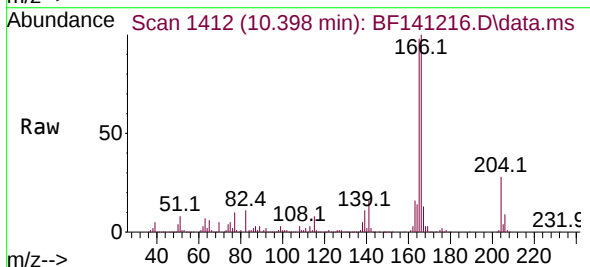


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Supervised By :mohammad
ahmed

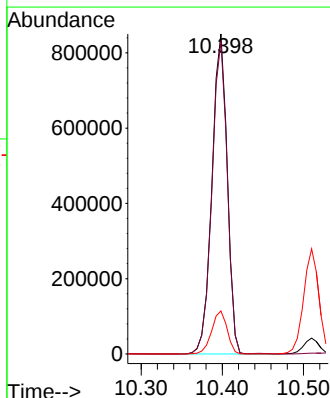
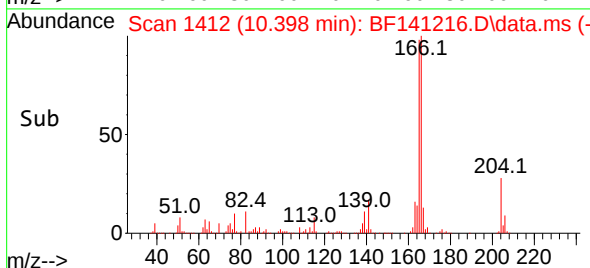
01/21/2025



#58
Fluorene
Concen: 52.227 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



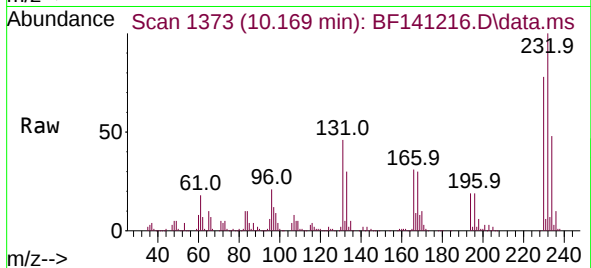
Tgt Ion:166 Resp: 1111791
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.8
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.874 ng
RT: 10.169 min Scan# 1375
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

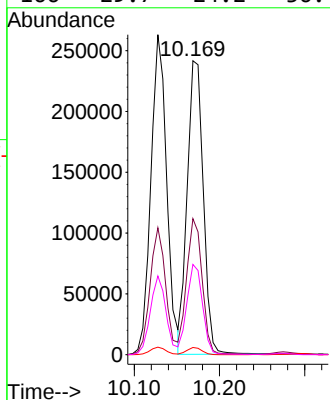
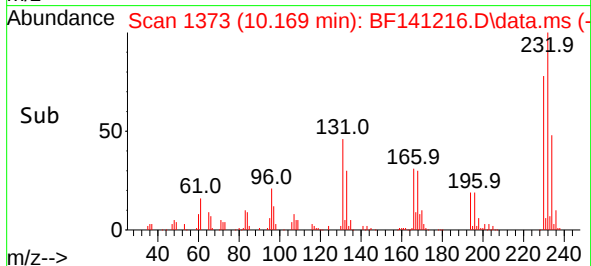
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:232 Resp: 316798
Ion Ratio Lower Upper
232 100
131 44.6 36.2 54.4
130 2.3 2.0 3.0
166 29.7 24.2 36.4

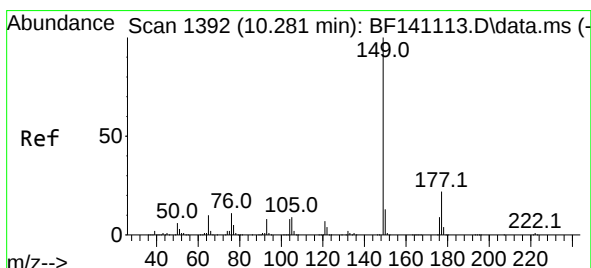
Manual Integrations
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Reviewed By :Yogesh
Patel



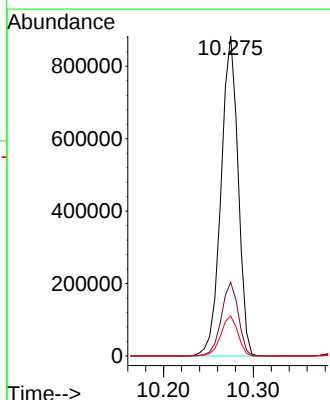
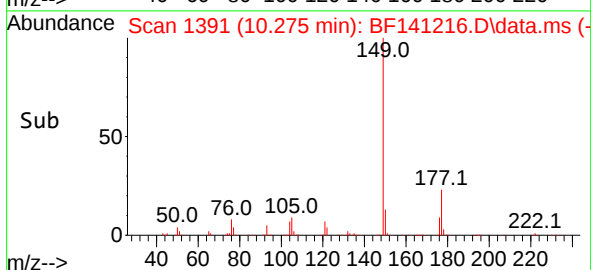
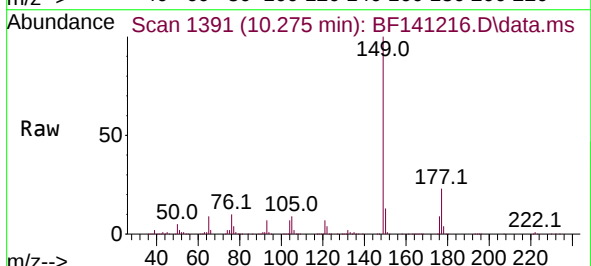
01/21/2025
Supervised By :mohammad
ahmed

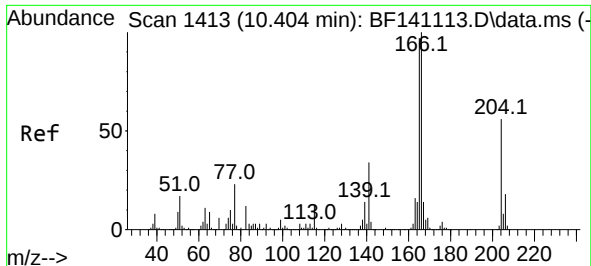
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#60
Diethylphthalate
Concen: 53.296 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion:149 Resp: 1165448
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 51.938 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

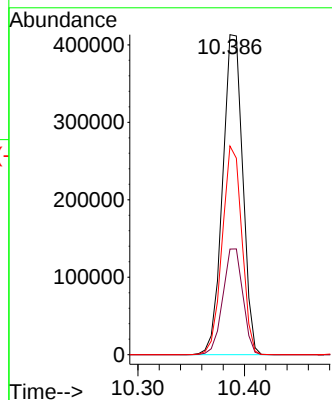
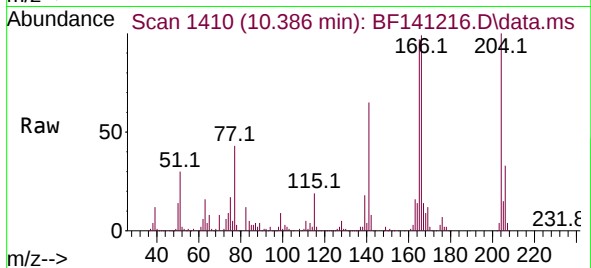
ClientSampleId :

PB166097BS

Tgt Ion:204 Resp: 538870
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 65.2 49.1 73.7

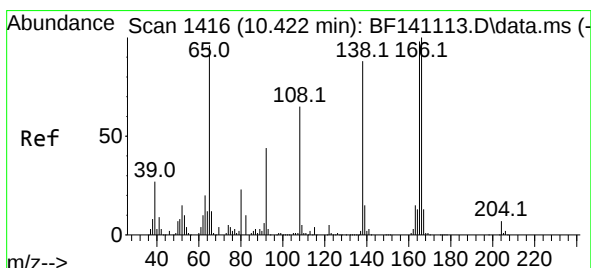
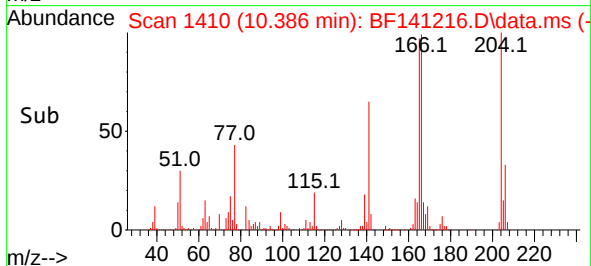
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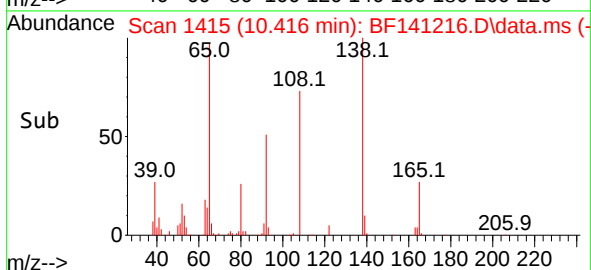
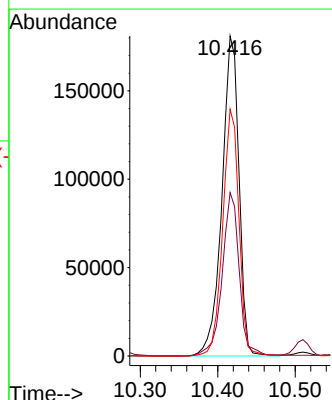
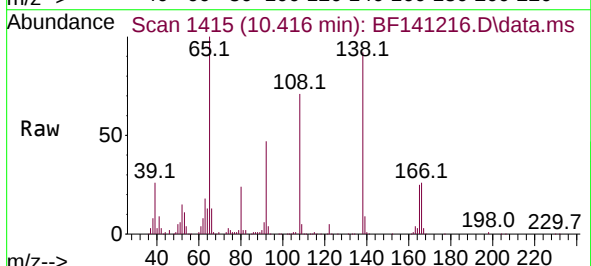
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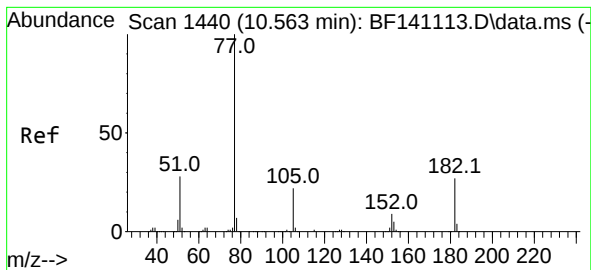
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#62
4-Nitroaniline
Concen: 53.419 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

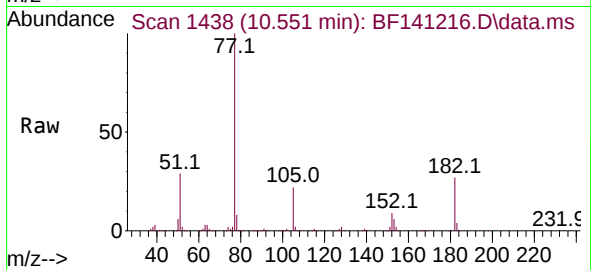
Tgt Ion:138 Resp: 276753
Ion Ratio Lower Upper
138 100
92 51.1 29.4 69.4
108 77.1 53.7 93.7





#63
Azobenzene
Concen: 51.908 ng
RT: 10.551 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

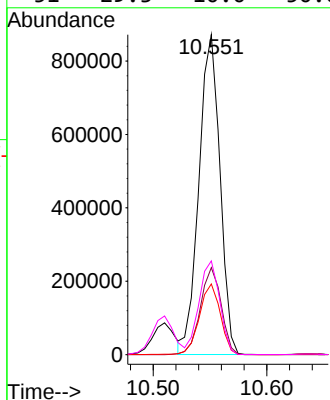
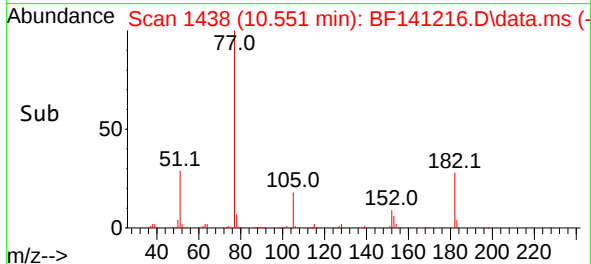
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion: 77 Resp: 112003
Ion Ratio Lower Upper
77 100
182 27.2 6.1 46.1
105 22.1 2.1 42.1
51 29.3 10.0 50.0

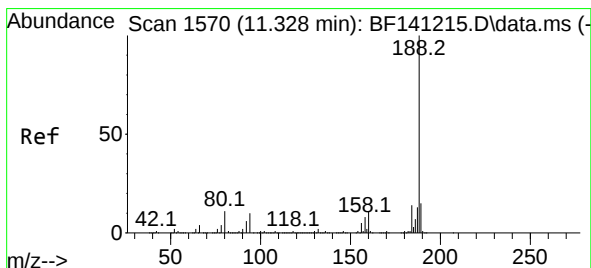
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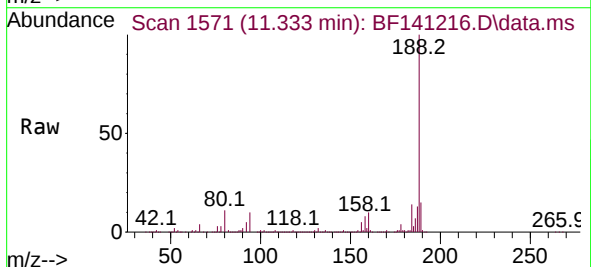


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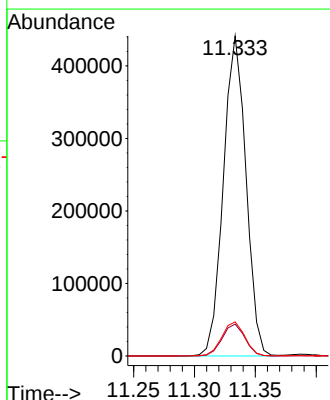
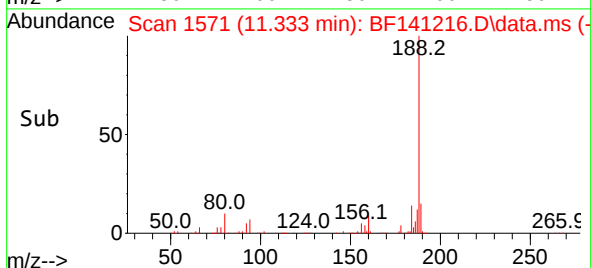
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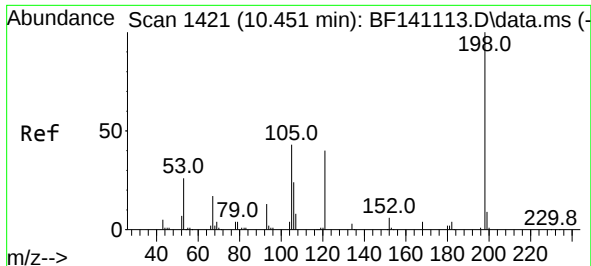


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



Tgt Ion:188 Resp: 569457
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.7 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 65.575 ng
RT: 10.445 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

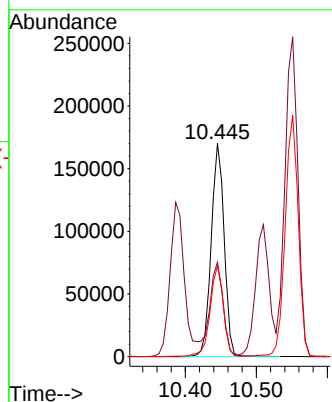
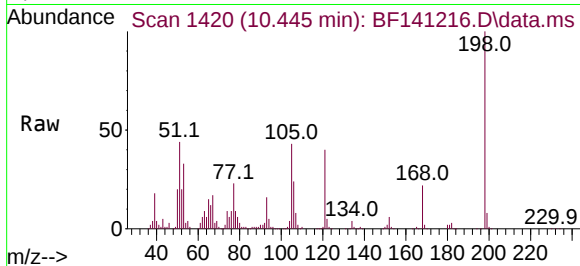
ClientSampleId :

PB166097BS

Tgt Ion:198 Resp: 216388
Ion Ratio Lower Upper
198 100
51 44.3 27.1 67.1
105 42.7 24.2 64.2

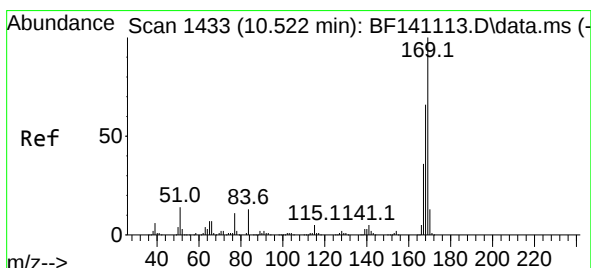
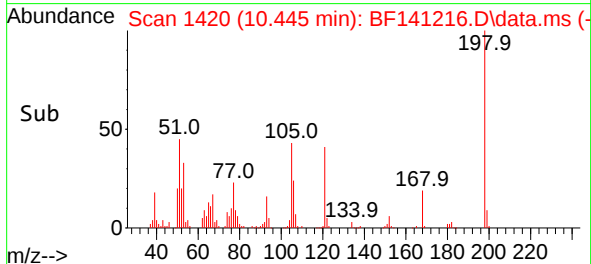
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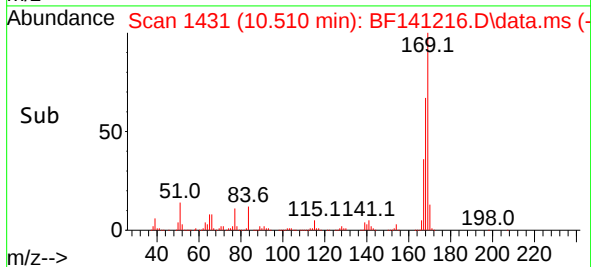
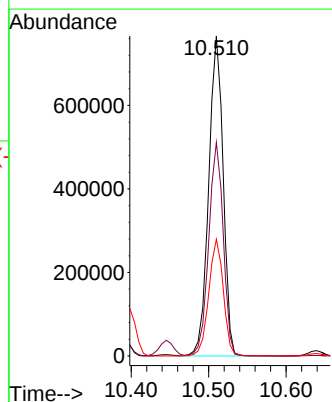
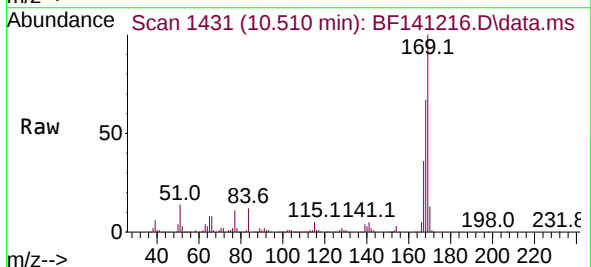
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#66
n-Nitrosodiphenylamine
Concen: 53.980 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion:169 Resp: 991472
Ion Ratio Lower Upper
169 100
168 66.8 52.5 78.7
167 36.5 28.9 43.3





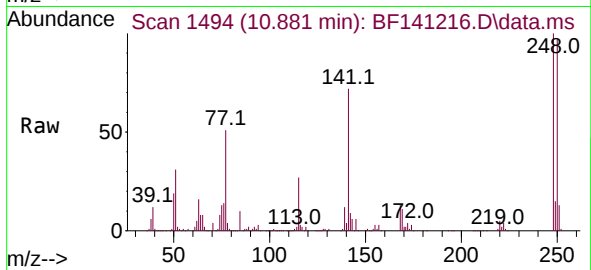
#67
4-Bromophenyl-phenylether
Concen: 55.041 ng
RT: 10.881 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

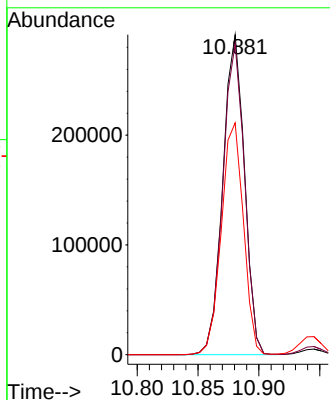
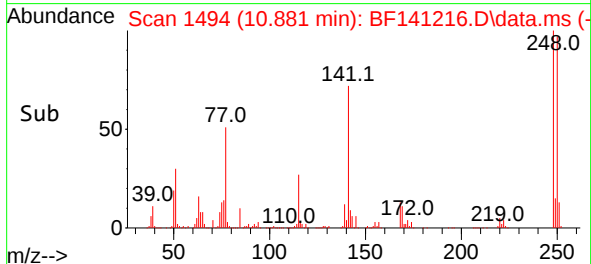
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Tgt Ion:248 Resp: 36086
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 72.5 59.9 89.9

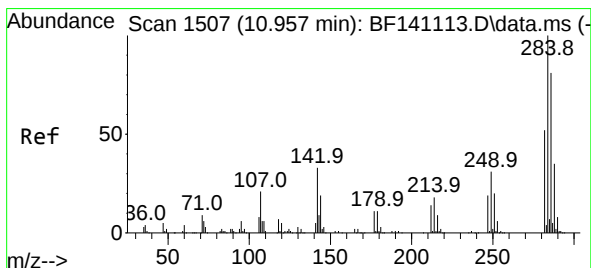
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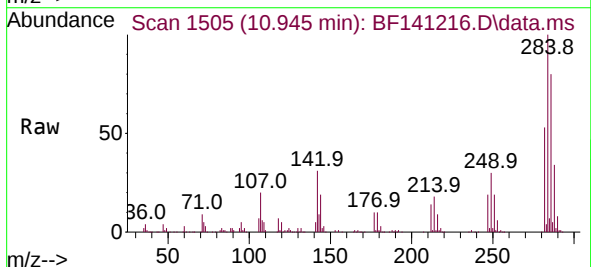


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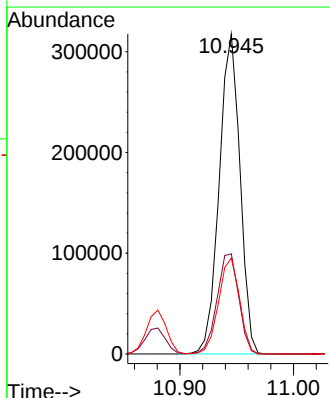
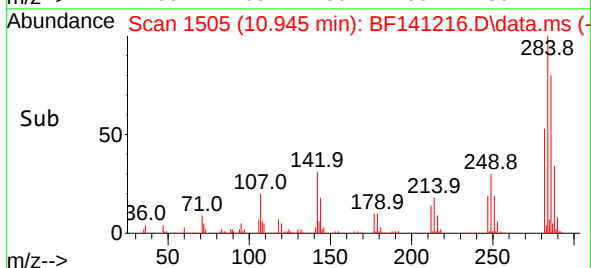
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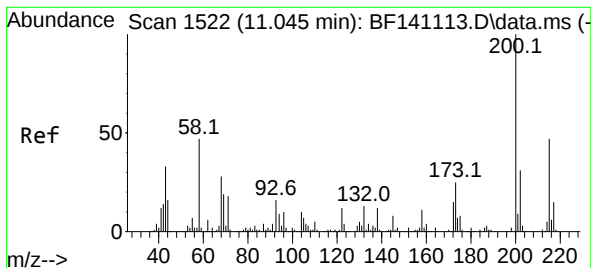


#68
Hexachlorobenzene
Concen: 55.283 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



Tgt Ion:284 Resp: 403466
Ion Ratio Lower Upper
284 100
142 31.3 26.3 39.5
249 30.0 24.9 37.3





#69

Atrazine

Concen: 69.132 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF141216.D

Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

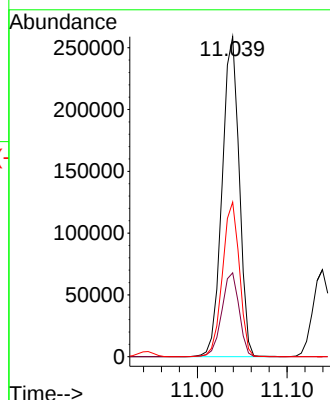
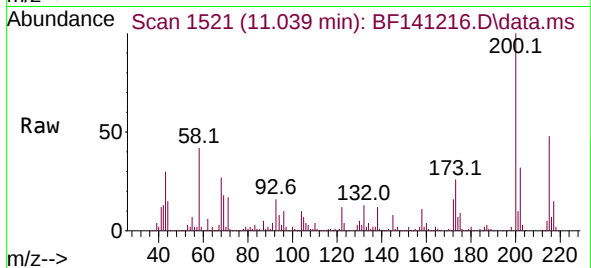
ClientSampleId :

PB166097BS

Tgt Ion:200 Resp: 341900
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.4 45.4
 215 48.3 26.6 66.6

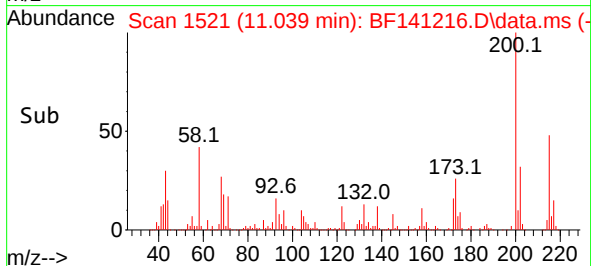
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#70

Pentachlorophenol

Concen: 109.130 ng

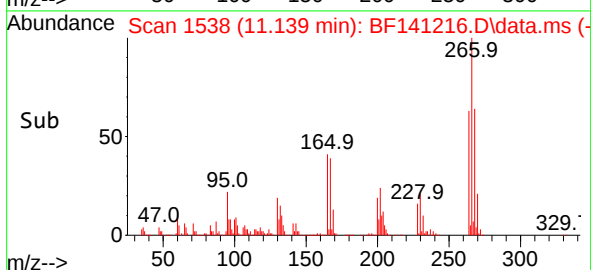
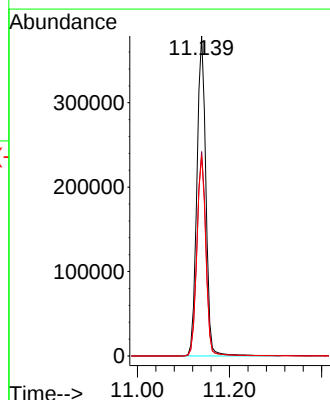
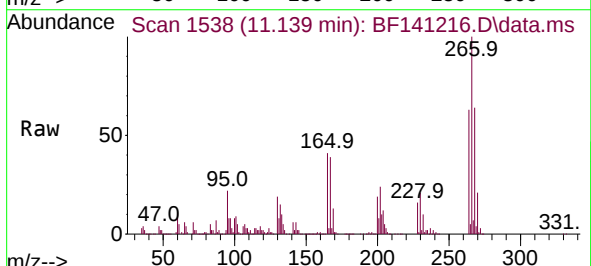
RT: 11.139 min Scan# 1538

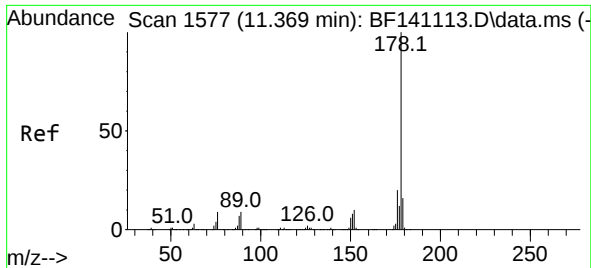
Delta R.T. -0.006 min

Lab File: BF141216.D

Acq: 20 Jan 2025 12:22

Tgt Ion:266 Resp: 510051
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.4 75.6
 264 62.6 50.2 75.2





#71
Phenanthrene
Concen: 55.312 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

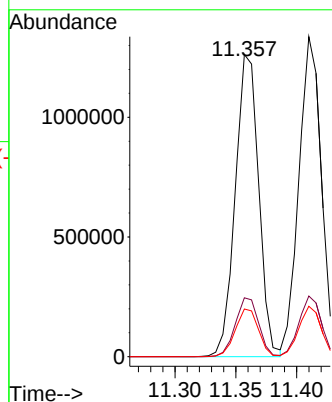
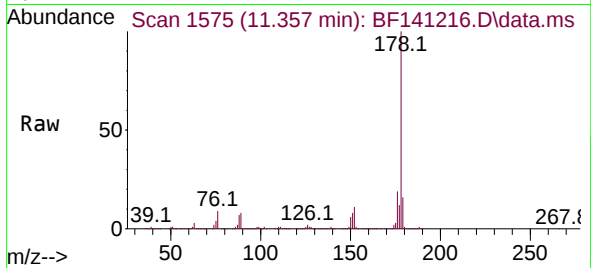
ClientSampleId :

PB166097BS

Tgt Ion:178 Resp: 169101
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 12.6 19.0

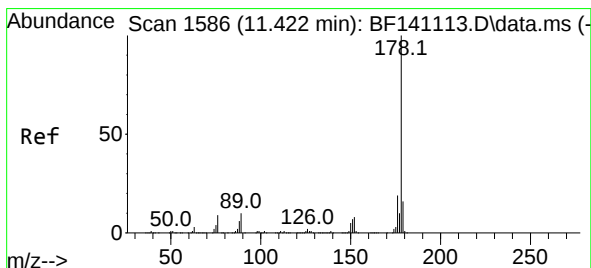
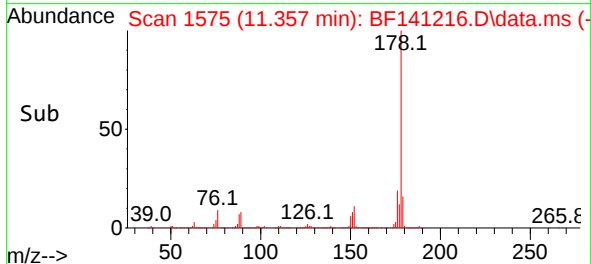
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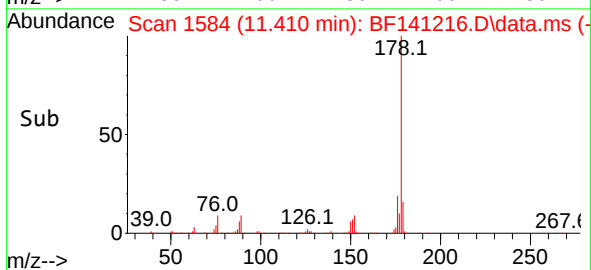
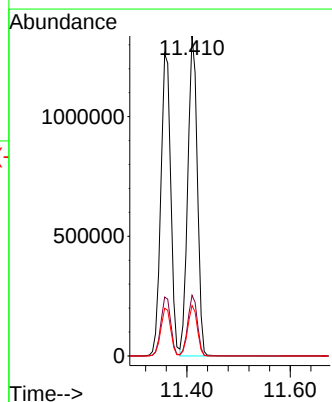
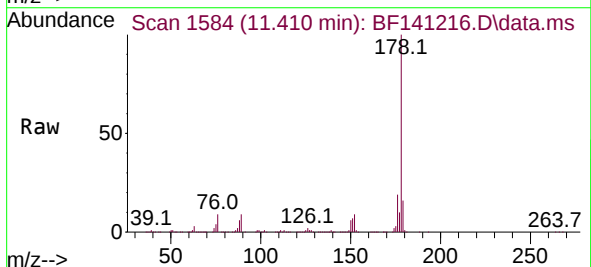
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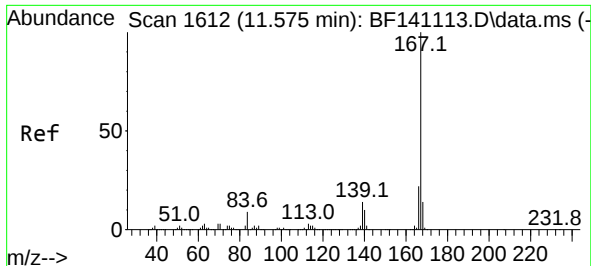
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#72
Anthracene
Concen: 57.540 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

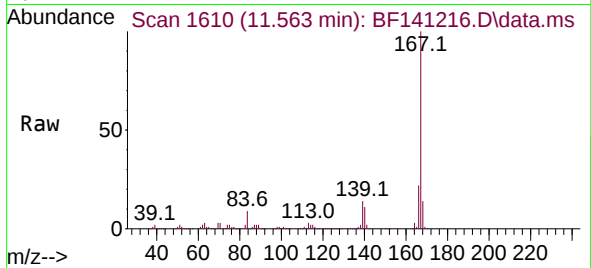
Tgt Ion:178 Resp: 1710497
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 55.442 ng
 RT: 11.563 min Scan# 1612
 Delta R.T. -0.012 min
 Lab File: BF141216.D
 Acq: 20 Jan 2025 12:22

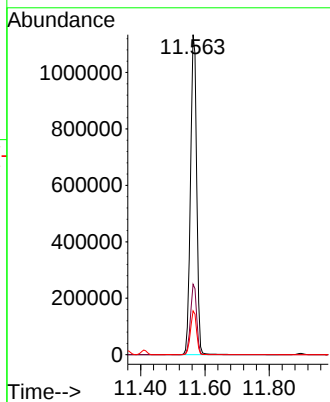
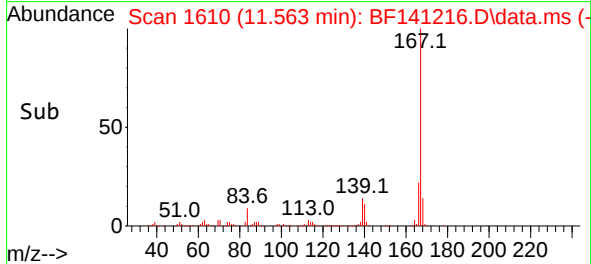
Instrument :
 BNA_F
 ClientSampleId :
 PB166097BS



Tgt Ion:167 Resp: 151122
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.7 10.9 16.3

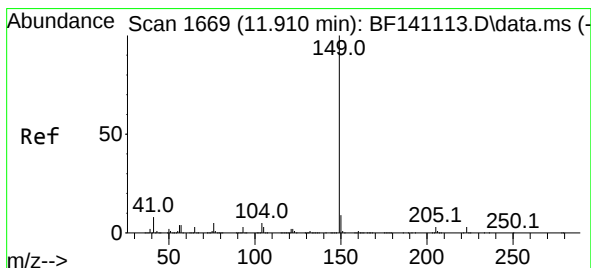
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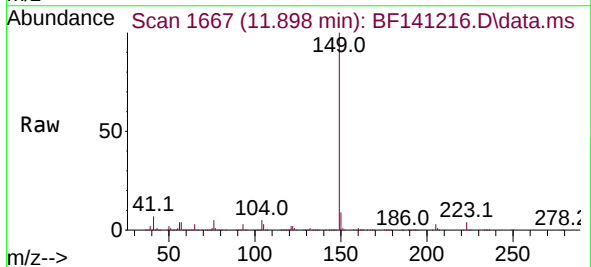


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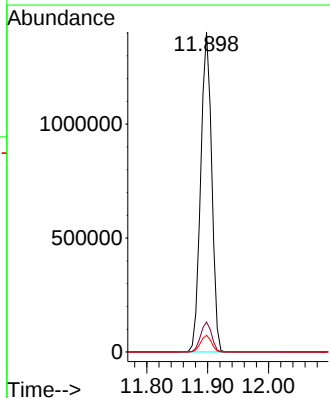
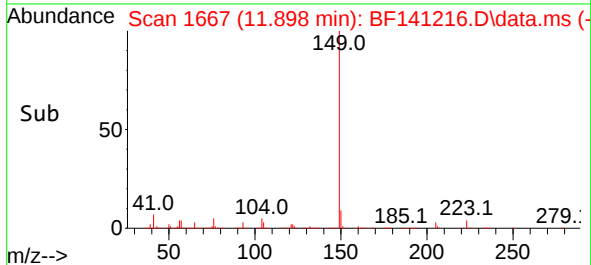
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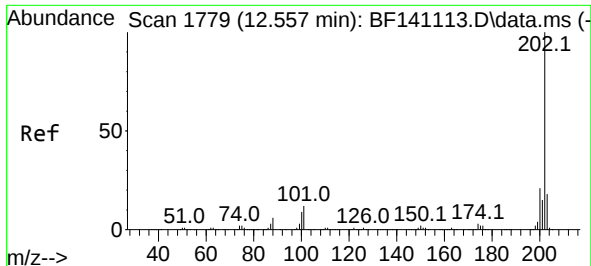


#74
 Di-n-butylphthalate
 Concen: 56.222 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141216.D
 Acq: 20 Jan 2025 12:22



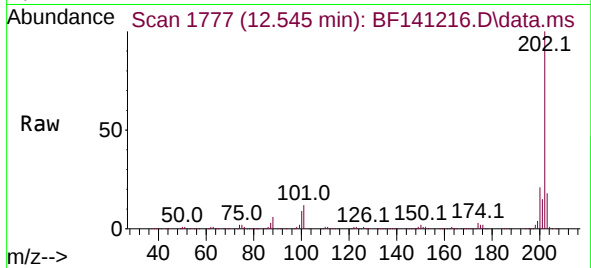
Tgt Ion:149 Resp: 1753789
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 57.332 ng
RT: 12.545 min Scan# 1779
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

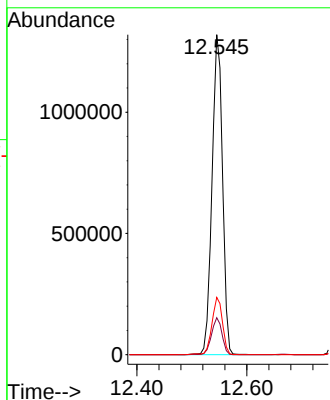
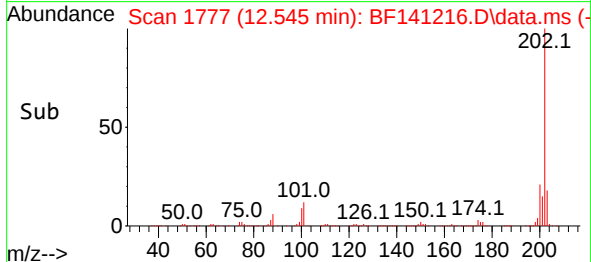
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:202 Resp: 174911
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.3
203 17.9 0.0 37.7

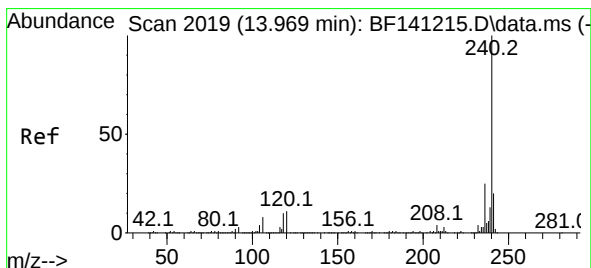
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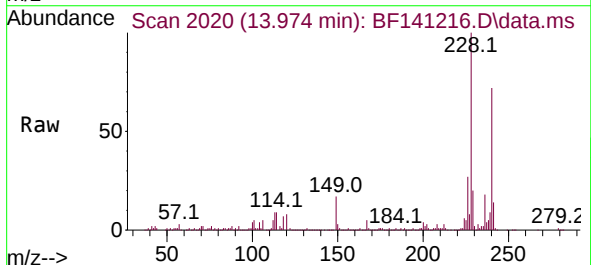


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Supervised By :mohammad
ahmed

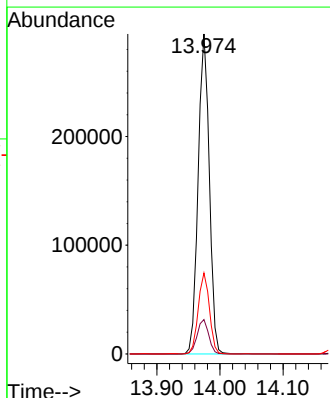
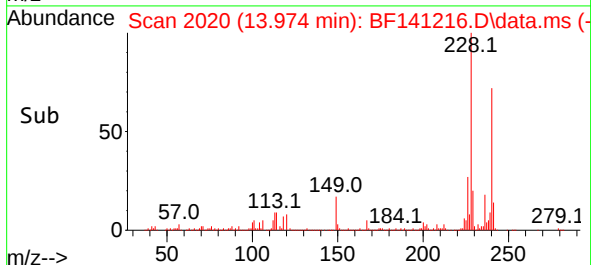
01/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



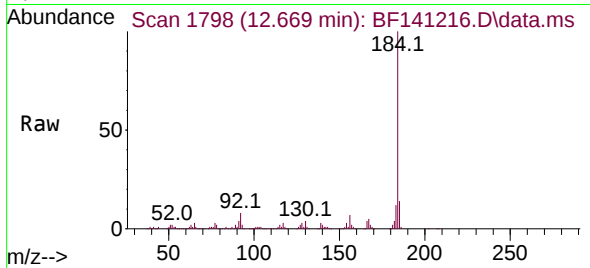
Tgt Ion:240 Resp: 360421
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 25.3 19.8 29.6





#77
Benzidine
Concen: 55.324 ng
RT: 12.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

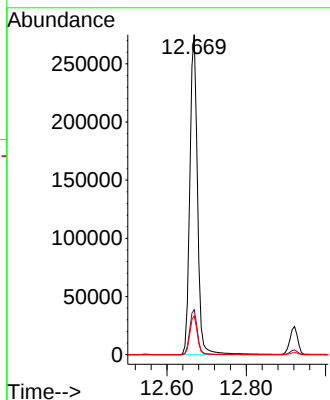
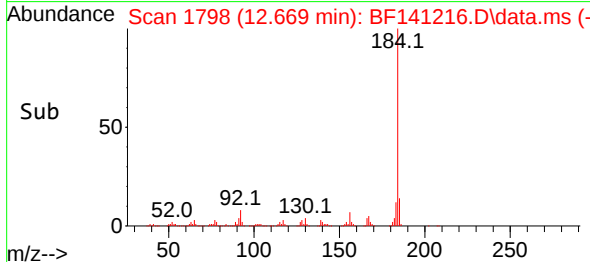
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:184 Resp: 369775
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 12.1 9.2 13.8

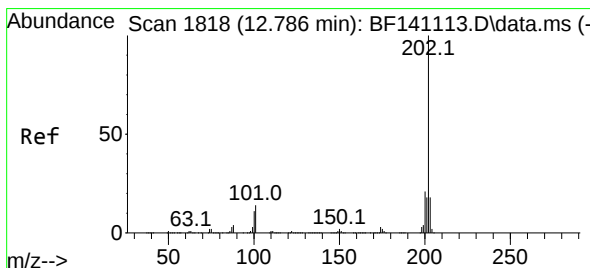
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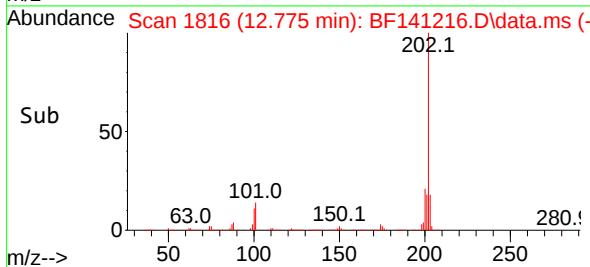
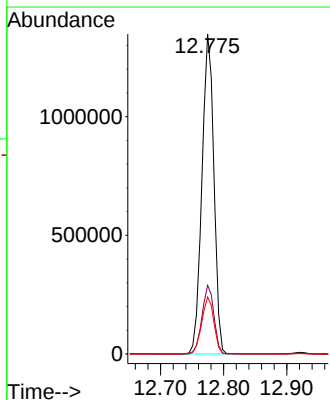
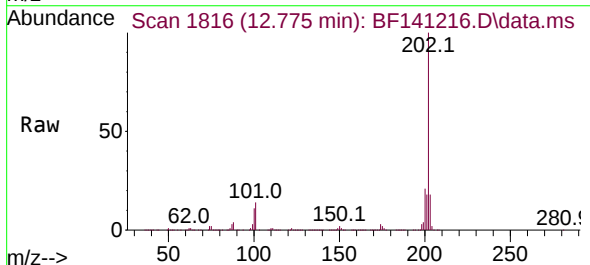
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Supervised By :mohammad
ahmed

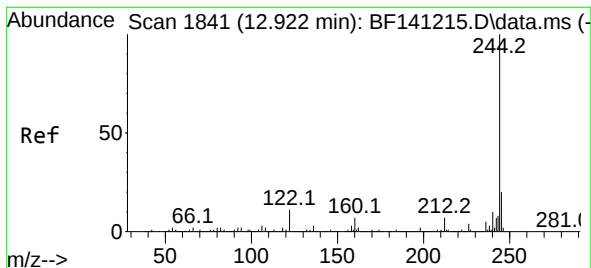
01/21/2025



#78
Pyrene
Concen: 51.470 ng
RT: 12.775 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion:202 Resp: 1771865
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.8 14.3 21.5





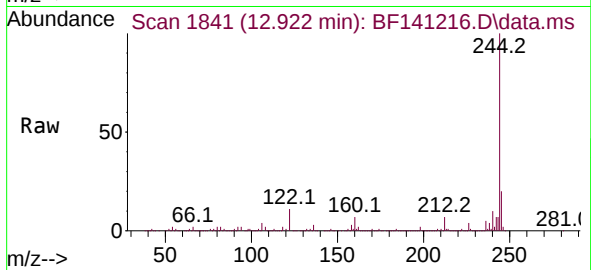
#79
 Terphenyl-d14
 Concen: 105.901 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141216.D
 Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

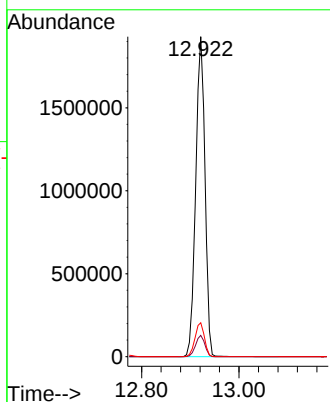
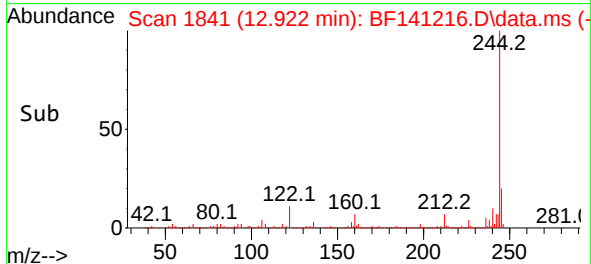
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Tgt Ion:244 Resp: 2568050
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.6 8.8 13.2

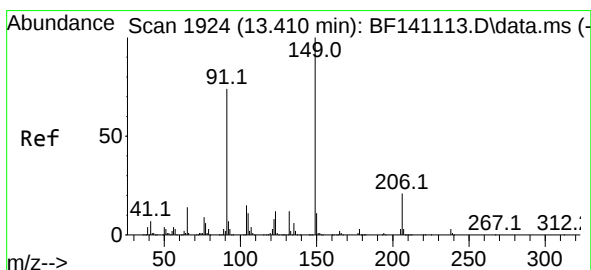
Manual Integrations
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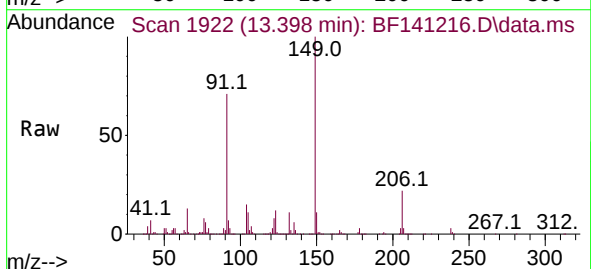


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 ahmed

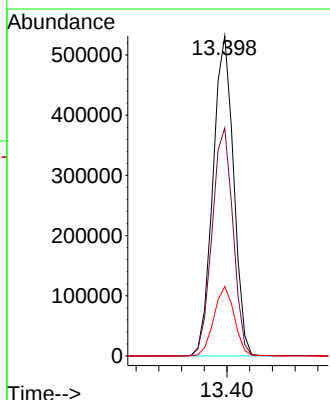
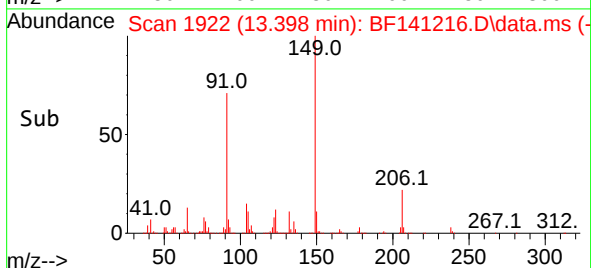
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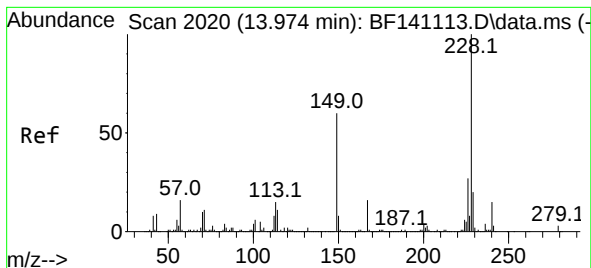


#80
 Butylbenzylphthalate
 Concen: 58.509 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141216.D
 Acq: 20 Jan 2025 12:22



Tgt Ion:149 Resp: 671531
 Ion Ratio Lower Upper
 149 100
 91 71.3 59.0 88.6
 206 21.7 16.5 24.7





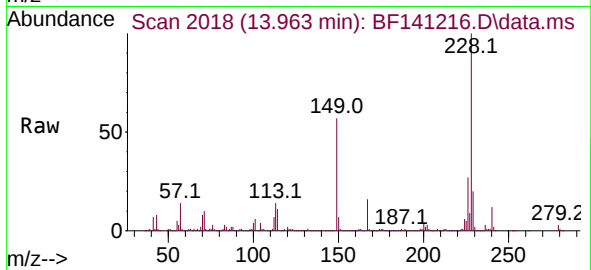
#81
Benzo(a)anthracene
Concen: 51.856 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

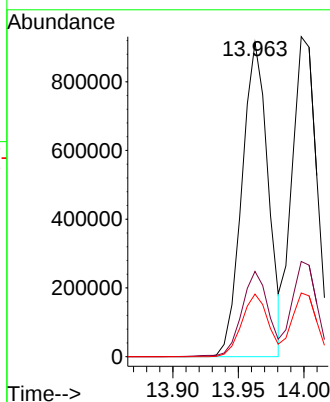
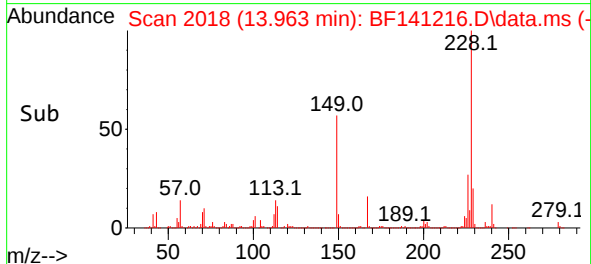
PB166097BS



Tgt Ion:228 Resp: 127197
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.9 15.7 23.5

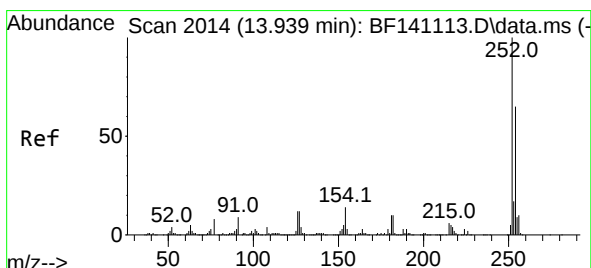
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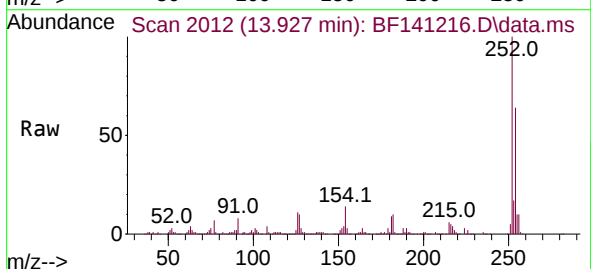


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Supervised By :mohammad
ahmed

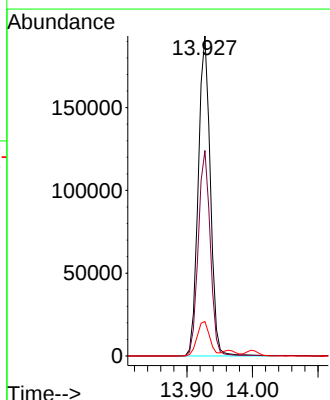
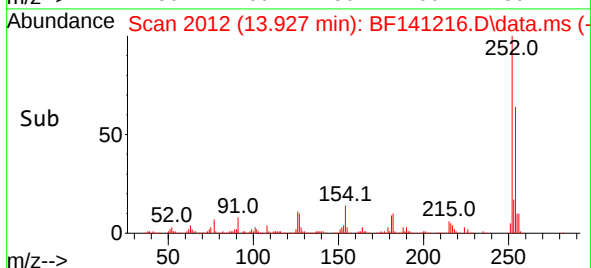
01/21/2025

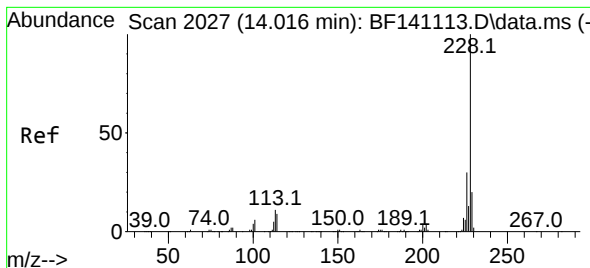


#82
3,3'-Dichlorobenzidine
Concen: 31.786 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22



Tgt Ion:252 Resp: 248259
Ion Ratio Lower Upper
252 100
254 64.2 52.0 78.0
126 10.7 9.4 14.0





#83

Chrysene

Concen: 53.026 ng

RT: 13.998 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141216.D

Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

PB166097BS

Tgt Ion:228 Resp: 121700

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

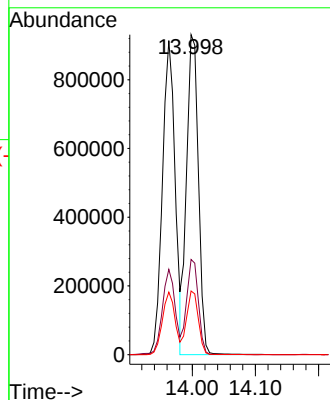
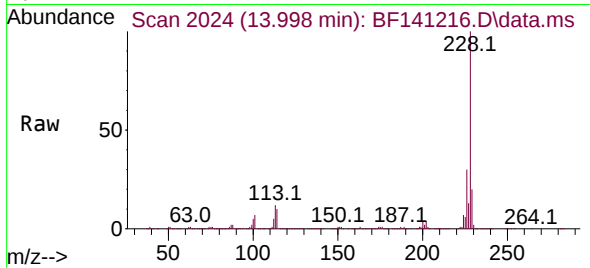
229 19.9 15.8 23.8

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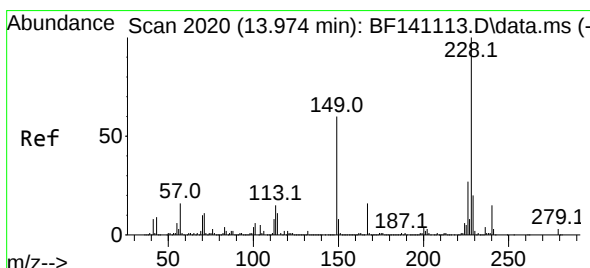
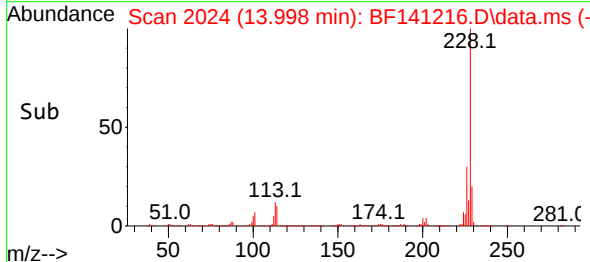
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ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 58.367 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141216.D

Acq: 20 Jan 2025 12:22

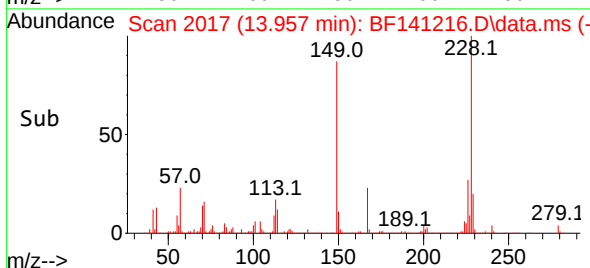
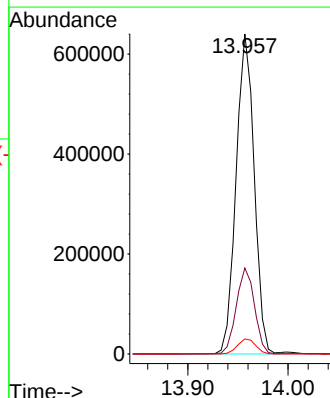
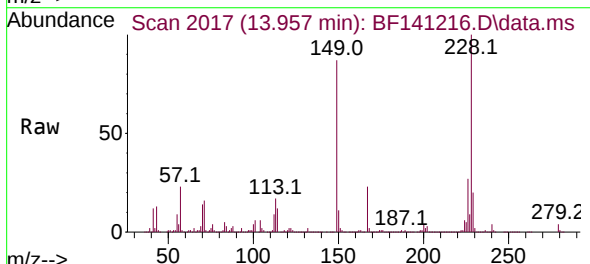
Tgt Ion:149 Resp: 803788

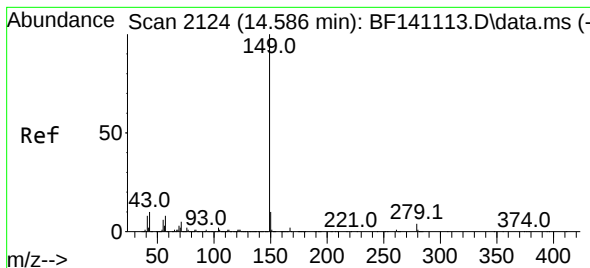
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.2

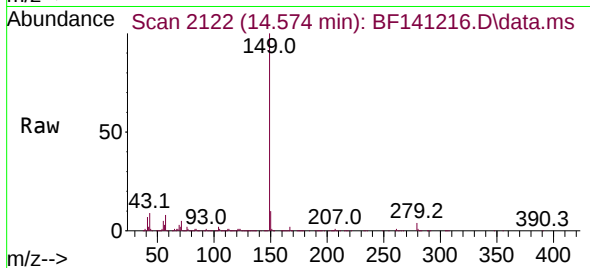
279 4.7 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 56.091 ng
RT: 14.574 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

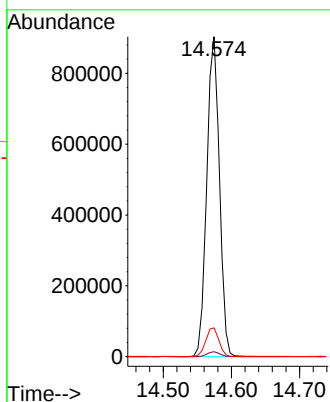
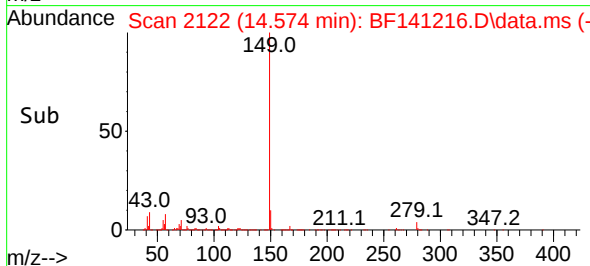
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:149 Resp: 116644
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 8.4 12.6

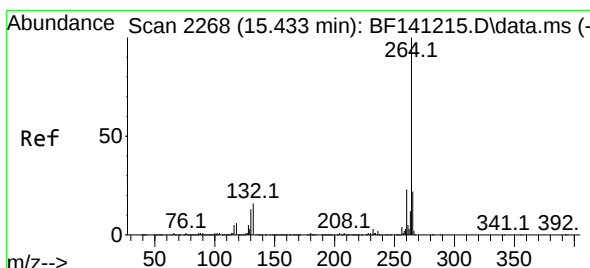
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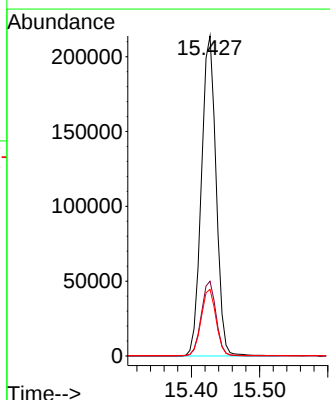
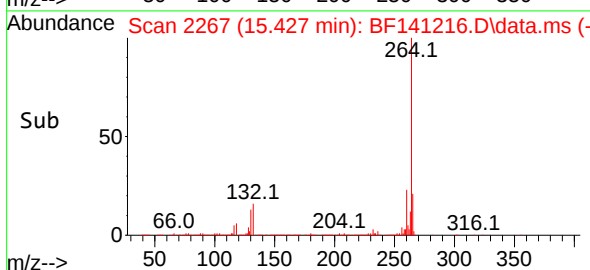
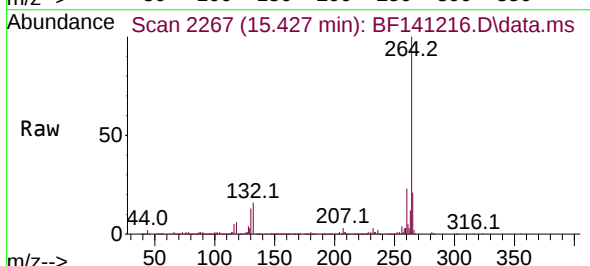
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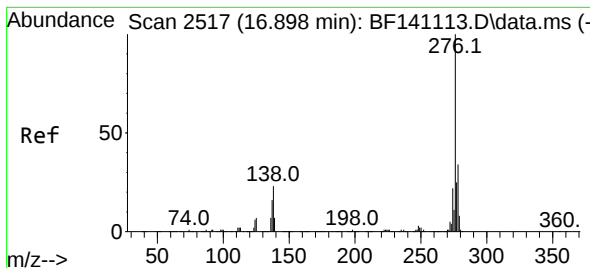
01/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

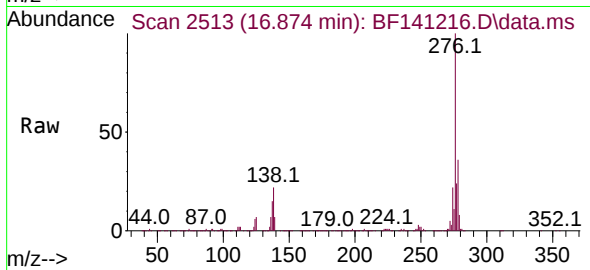
Tgt Ion:264 Resp: 321046
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 20.8 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.312 ng
RT: 16.874 min Scan# 2195
Delta R.T. -0.023 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

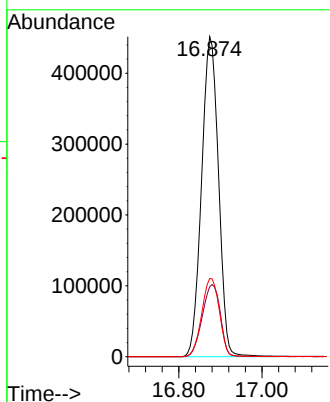
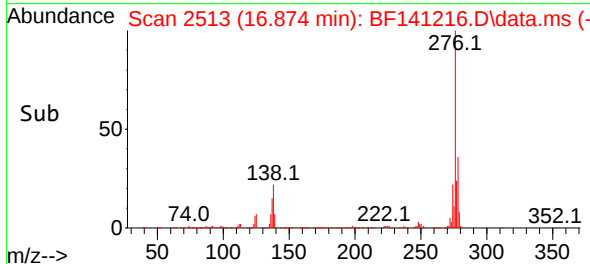
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:276 Resp: 127746
Ion Ratio Lower Upper
276 100
138 24.1 20.7 31.1
277 25.5 20.6 30.8

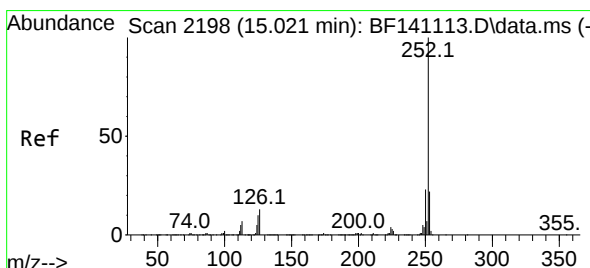
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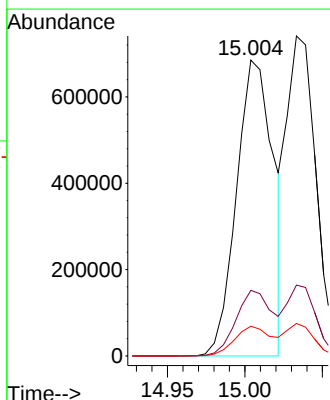
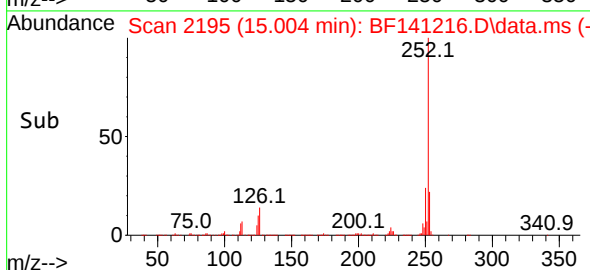
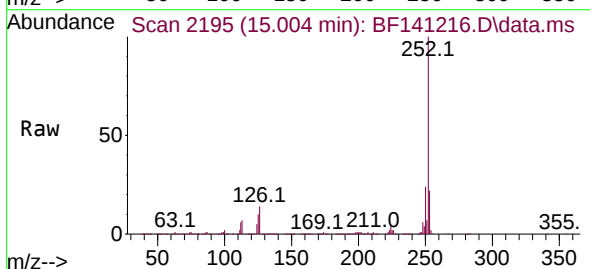
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Supervised By :mohammad
ahmed

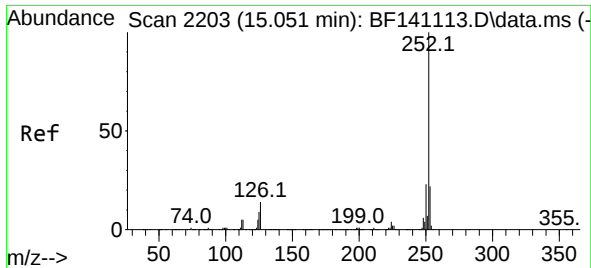
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#88
Benzo(b)fluoranthene
Concen: 54.854 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

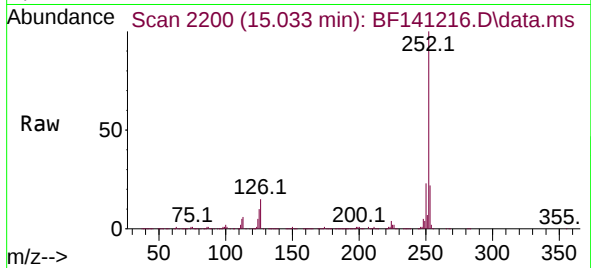
Tgt Ion:252 Resp: 1135597
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 55.640 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

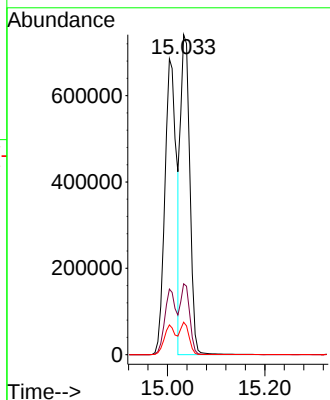
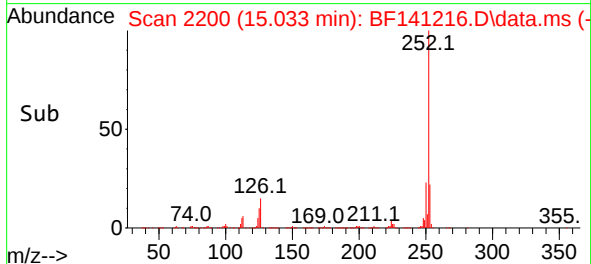
Instrument :
BNA_F
ClientSampleId :
PB166097BS



Tgt Ion:252 Resp: 973420
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.1 7.9 11.9

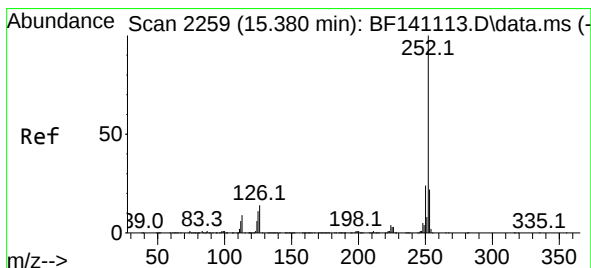
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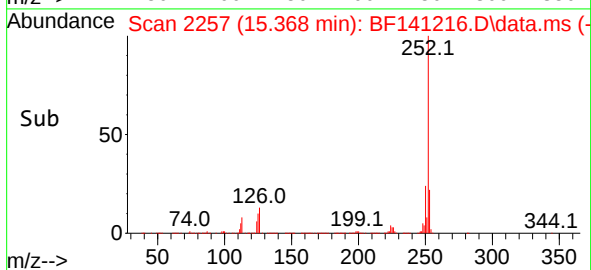
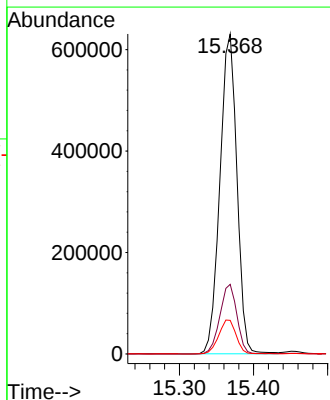
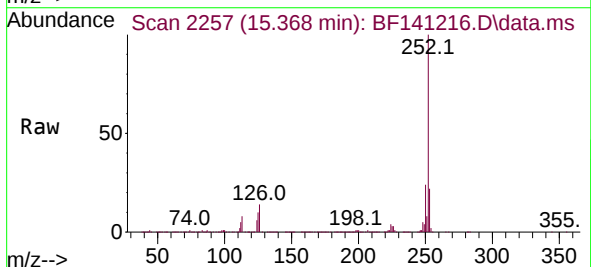
01/21/2025
Supervised By :mohammad
ahmed

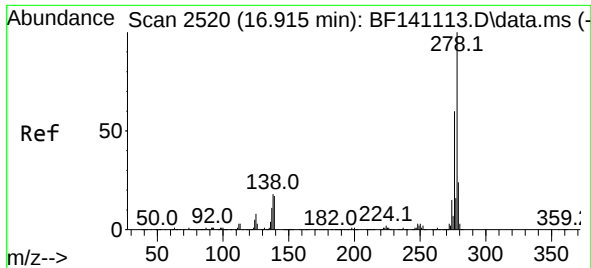
01/21/2025



#90
Benzo(a)pyrene
Concen: 58.826 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion:252 Resp: 1004777
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.5 9.1 13.7





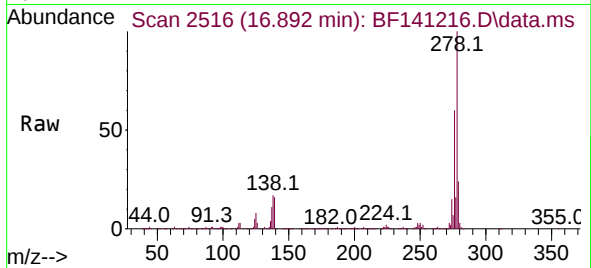
#91
Dibenzo(a,h)anthracene
Concen: 53.703 ng
RT: 16.892 min Scan# 2516
Delta R.T. -0.023 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Instrument :

BNA_F

ClientSampleId :

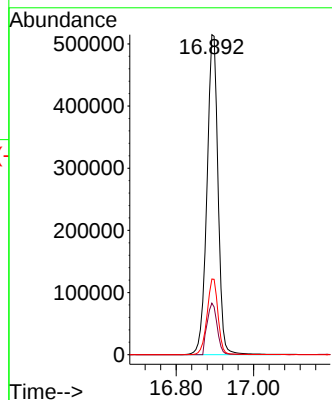
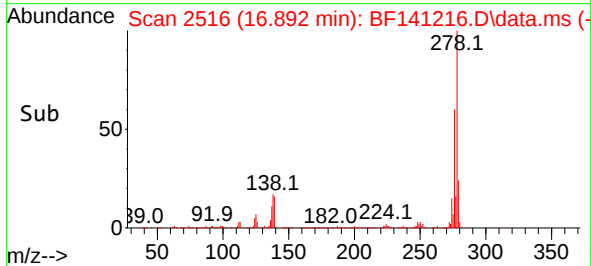
PB166097BS



Tgt Ion:278 Resp: 1021620
Ion Ratio Lower Upper
278 100
139 16.1 13.8 20.6
279 23.6 19.1 28.7

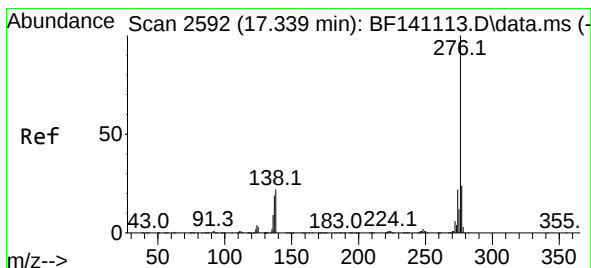
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Patel



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ahmed

01/21/2025



#92
Benzo(g,h,i)perylene
Concen: 48.698 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.023 min
Lab File: BF141216.D
Acq: 20 Jan 2025 12:22

Tgt Ion:276 Resp: 963614
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 20.7 17.4 26.2

