

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141558.D
 Acq On : 11 Feb 2025 13:32
 Operator : RC/JU
 Sample : PB166610BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB166610BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025

Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 11 13:54:07 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 06 16:58:59 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	91531	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	368818	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	210241	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	369028	20.000	ng	0.00
76) Chrysene-d12	13.957	240	237305	20.000	ng	0.00
86) Perylene-d12	15.409	264	181120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	742111	127.109	ng	0.01
7) Phenol-d6	6.434	99	920468	124.737	ng	0.00
23) Nitrobenzene-d5	7.351	82	609667	86.219	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	277770	131.522	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1183886	86.755	ng	0.00
79) Terphenyl-d14	12.898	244	1423318	101.254	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.581	88	92469	39.352	ng	98
3) Pyridine	3.310	79	218090	39.003	ng	99
4) n-Nitrosodimethylamine	3.257	42	146462	39.557	ng	95
6) Aniline	6.451	93	253662	36.645	ng	92
8) 2-Chlorophenol	6.575	128	274566	43.522	ng	99
9) Benzaldehyde	6.339	77	170044	43.364	ng	99
10) Phenol	6.445	94	321445	41.853	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	241289	41.827	ng	99
12) 1,3-Dichlorobenzene	6.728	146	278387	41.799	ng	98
13) 1,4-Dichlorobenzene	6.804	146	284514	41.811	ng	100
14) 1,2-Dichlorobenzene	6.957	146	272763	43.189	ng	99
15) Benzyl Alcohol	6.934	79	239292	42.287	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	422487	42.783	ng	85
17) 2-Methylphenol	7.051	107	217057	43.967	ng	98
18) Hexachloroethane	7.298	117	107436	42.661	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	189319	42.891	ng	99
20) 3+4-Methylphenols	7.204	107	277201	44.182	ng	97
22) Acetophenone	7.198	105	415135	45.249	ng	98
24) Nitrobenzene	7.375	77	284685	41.287	ng	99
25) Isophorone	7.610	82	517627	45.910	ng	99
26) 2-Nitrophenol	7.686	139	147515	43.001	ng	96
27) 2,4-Dimethylphenol	7.728	122	222510	55.522	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	315137	43.620	ng	100
29) 2,4-Dichlorophenol	7.933	162	231562	42.765	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	245036	41.556	ng	98
31) Naphthalene	8.092	128	785327	40.906	ng	100
32) Benzoic acid	7.869	122	175023	42.046	ng	99
33) 4-Chloroaniline	8.145	127	133726	19.951	ng	98
34) Hexachlorobutadiene	8.210	225	149836	42.328	ng	99
35) Caprolactam	8.516	113	81135m	49.213	ng	
36) 4-Chloro-3-methylphenol	8.633	107	261970	43.676	ng	98
37) 2-Methylnaphthalene	8.786	142	506858	40.571	ng	100
38) 1-Methylnaphthalene	8.880	142	497659	41.129	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	276797	45.507	ng	99
41) Hexachlorocyclopentadiene	8.933	237	298830	147.709	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	165705	42.151	ng	100

02/11/2025

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ahmed

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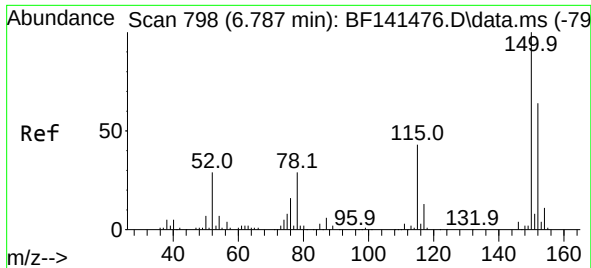
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 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

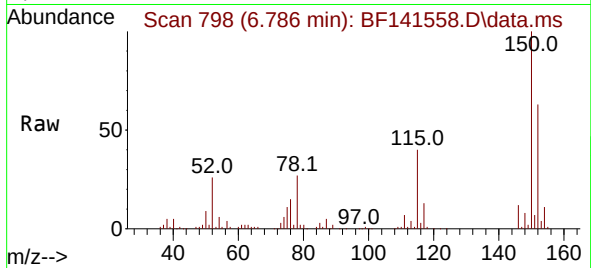
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	180900	42.460	ng	100
46) 1,1'-Biphenyl	9.251	154	738633	45.316	ng	99
47) 2-Chloronaphthalene	9.275	162	510849	42.383	ng	99
48) 2-Nitroaniline	9.375	65	171020	42.279	ng	97
49) Acenaphthylene	9.686	152	793104	44.239	ng	99
50) Dimethylphthalate	9.551	163	612718	42.929	ng	99
51) 2,6-Dinitrotoluene	9.616	165	136547	43.763	ng	97
52) Acenaphthene	9.863	154	492909	40.897	ng	99
53) 3-Nitroaniline	9.780	138	83111	24.749	ng	98
54) 2,4-Dinitrophenol	9.898	184	165048	89.005	ng	95
55) Dibenzofuran	10.033	168	717285	40.546	ng	100
56) 4-Nitrophenol	9.963	139	214717	86.132	ng	96
57) 2,4-Dinitrotoluene	10.022	165	183162	44.097	ng	100
58) Fluorene	10.374	166	576936	42.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	154725	42.182	ng	96
60) Diethylphthalate	10.251	149	600229	42.743	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	282150	42.876	ng	99
62) 4-Nitroaniline	10.398	138	138900	40.734	ng	99
63) Azobenzene	10.527	77	582613	41.734	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	109825	42.842	ng	94
66) n-Nitrosodiphenylamine	10.486	169	512014	43.343	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	179156	43.438	ng	98
68) Hexachlorobenzene	10.921	284	185184	43.604	ng	98
69) Atrazine	11.016	200	198643	56.052	ng	99
70) Pentachlorophenol	11.121	266	220312	81.128	ng	99
71) Phenanthrene	11.339	178	869794	42.819	ng	100
72) Anthracene	11.392	178	880546	43.122	ng	99
73) Carbazole	11.545	167	776623	42.269	ng	100
74) Di-n-butylphthalate	11.874	149	928548	43.768	ng	100
75) Fluoranthene	12.527	202	909208	42.218	ng	100
77) Benzidine	12.651	184	309939	59.221	ng	99
78) Pyrene	12.757	202	923946	45.737	ng	99
80) Butylbenzylphthalate	13.374	149	341465	48.801	ng	99
81) Benzo(a)anthracene	13.945	228	691048	43.808	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	117570	26.019	ng	97
83) Chrysene	13.980	228	620817	42.623	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	399334	50.602	ng	99
85) Di-n-octyl phthalate	14.557	149	530960	47.163	ng	99
87) Indeno(1,2,3-cd)pyrene	16.856	276	538932	48.157	ng	99
88) Benzo(b)fluoranthene	14.992	252	486764	40.026	ng	99
89) Benzo(k)fluoranthene	15.021	252	473841	45.629	ng	99
90) Benzo(a)pyrene	15.351	252	451515	45.883	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	445501	49.128	ng	99
92) Benzo(g,h,i)perylene	17.286	276	429473	45.258	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

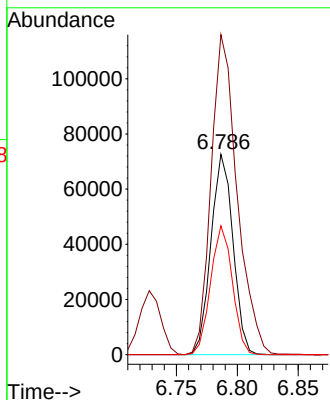
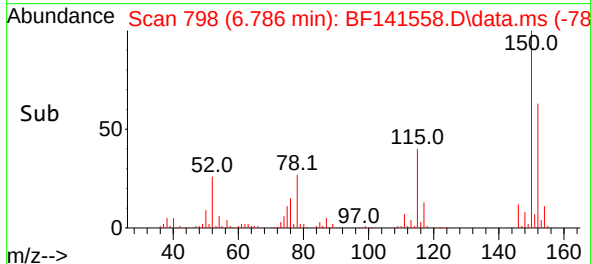
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:152 Resp: 9153
Ion Ratio Lower Upper
152 100
150 159.7 125.0 187.4
115 64.3 53.6 80.4

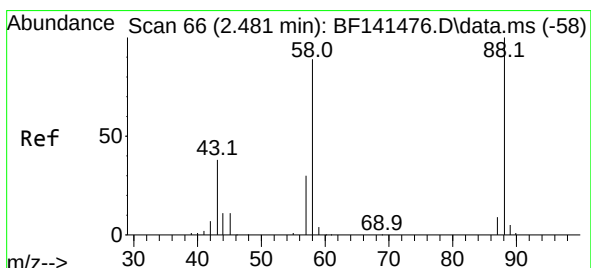
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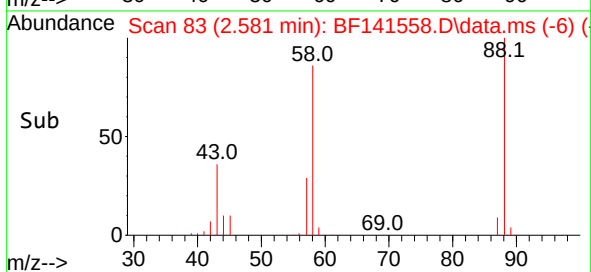
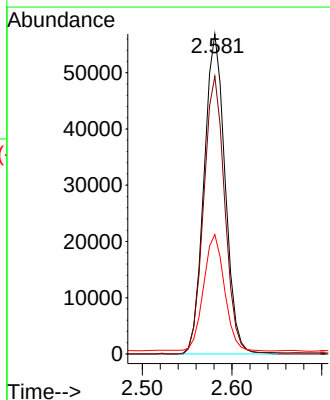
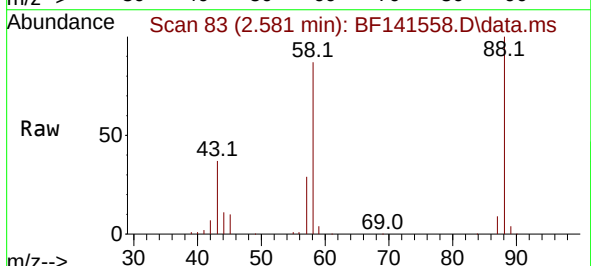
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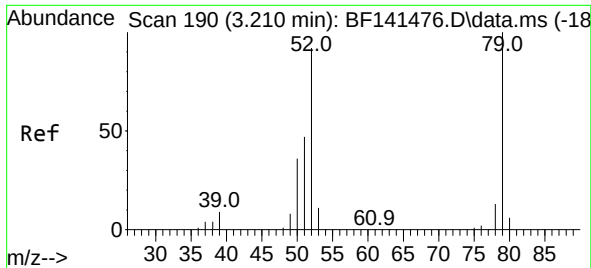
02/12/2025



#2
1,4-Dioxane
Concen: 39.352 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.100 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion: 88 Resp: 92469
Ion Ratio Lower Upper
88 100
58 87.5 71.1 106.7
43 36.2 30.6 46.0





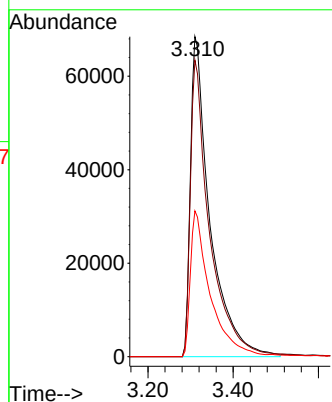
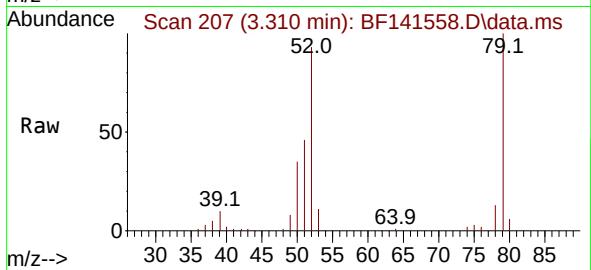
#3
Pyridine
Concen: 39.003 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :
BNA_F
ClientSampleId :
PB166610BS

Tgt Ion: 79 Resp: 218090
Ion Ratio Lower Upper
79 100
52 92.7 73.7 110.5
51 45.5 37.5 56.3

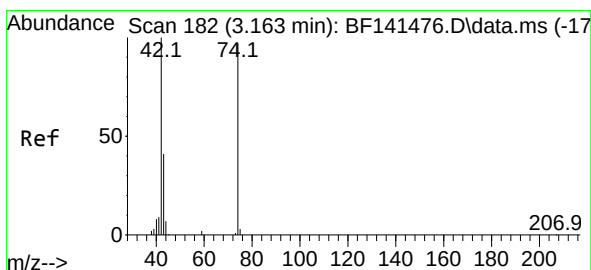
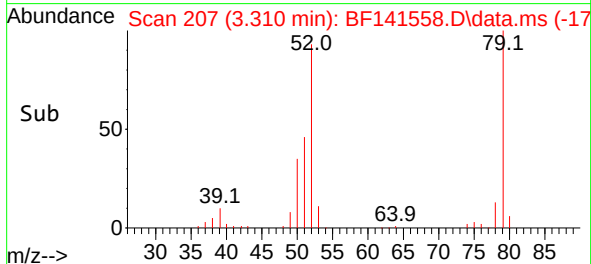
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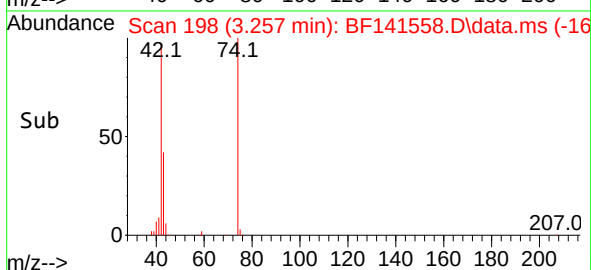
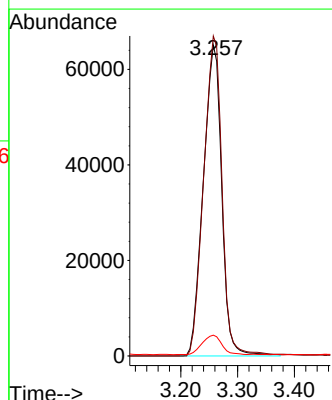
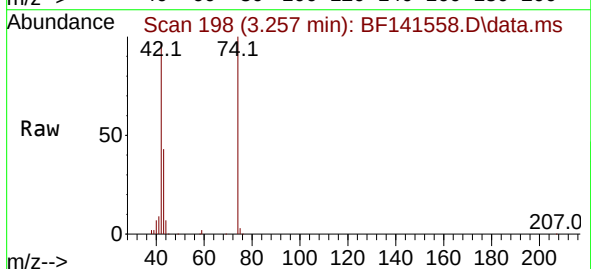
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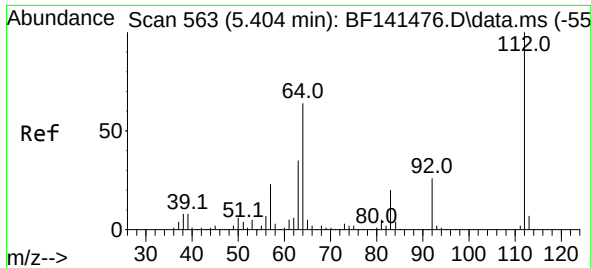
02/12/2025



#4
n-Nitrosodimethylamine
Concen: 39.557 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.071 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion: 42 Resp: 146462
Ion Ratio Lower Upper
42 100
74 102.9 78.0 117.0
44 6.7 5.4 8.2





#5
2-Fluorophenol
Concen: 127.109 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

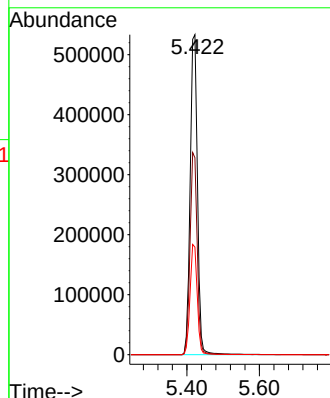
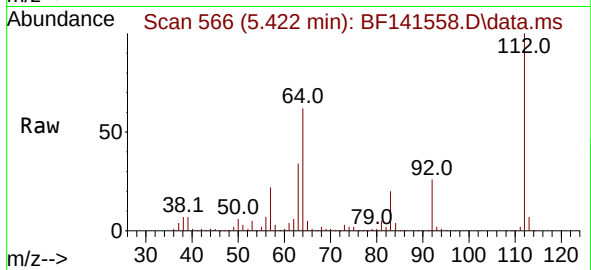
PB166610BS

Tgt Ion:112 Resp: 742111
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 33.6 28.4 42.6

Manual Integrations

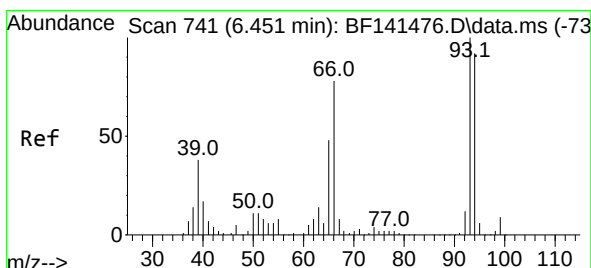
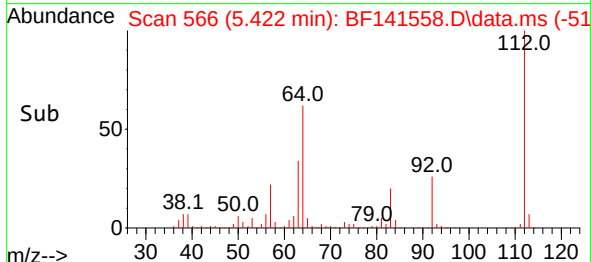
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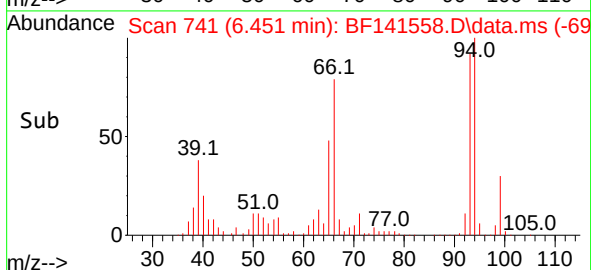
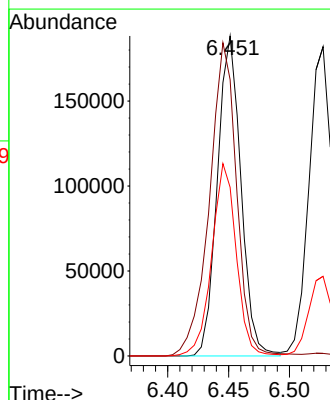
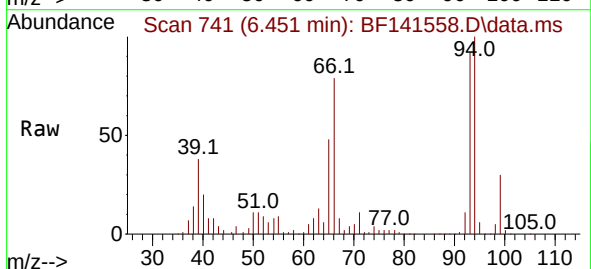
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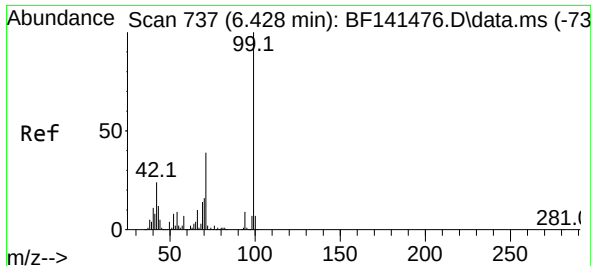
02/12/2025



#6
Aniline
Concen: 36.645 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

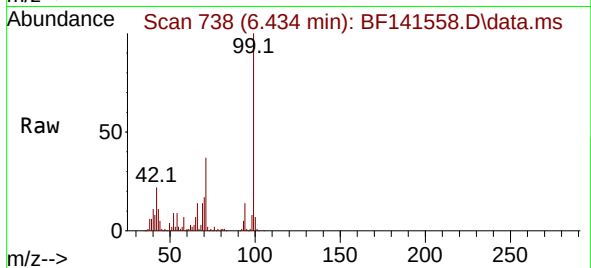
Tgt Ion: 93 Resp: 253662
Ion Ratio Lower Upper
93 100
66 86.4 62.6 94.0
65 52.7 38.3 57.5





#7
Phenol-d6
Concen: 124.737 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

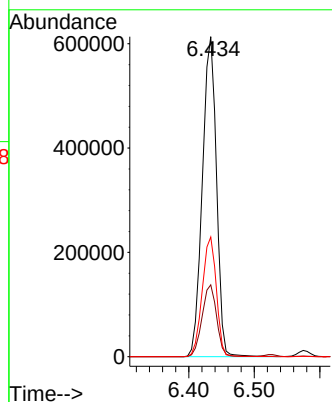
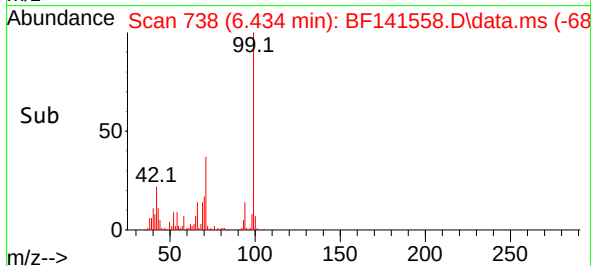
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion: 99 Resp: 920468
Ion Ratio Lower Upper
99 100
42 22.5 19.1 28.7
71 37.4 31.1 46.7

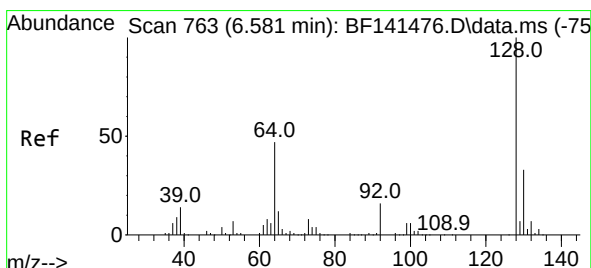
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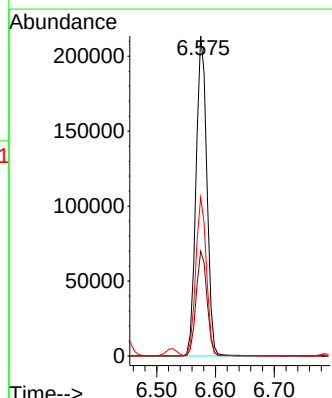
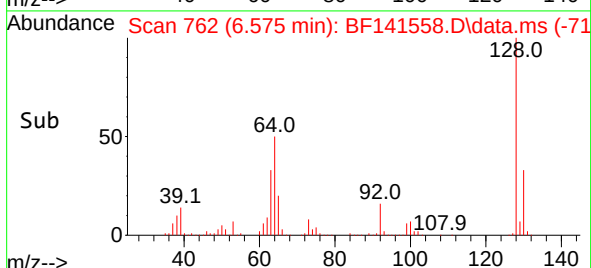
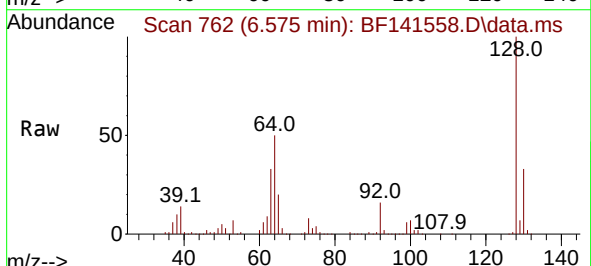
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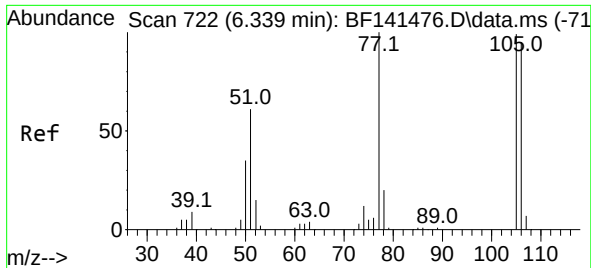
02/12/2025



#8
2-Chlorophenol
Concen: 43.522 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

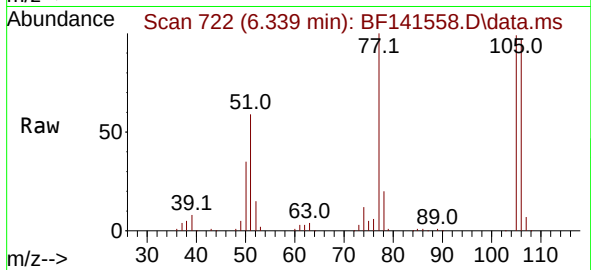
Tgt Ion:128 Resp: 274566
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 49.6 28.3 68.3





#9
Benzaldehyde
Concen: 43.364 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

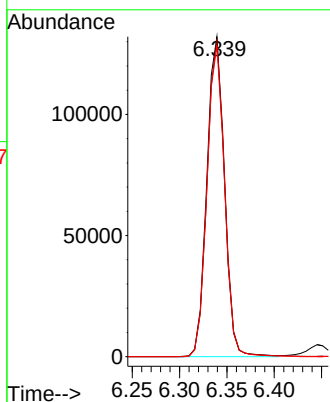
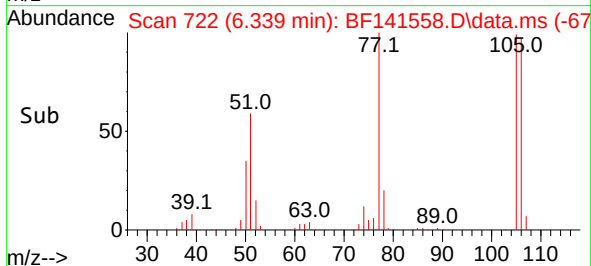
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion: 77 Resp: 170044
Ion Ratio Lower Upper
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105 99.4 79.4 119.4
106 97.2 75.1 115.1

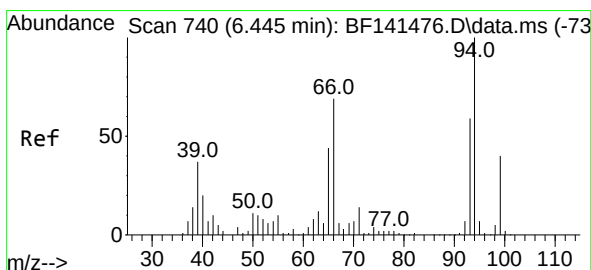
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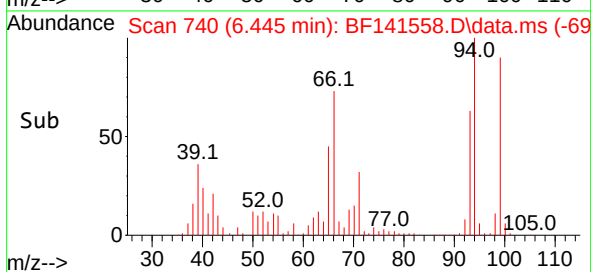
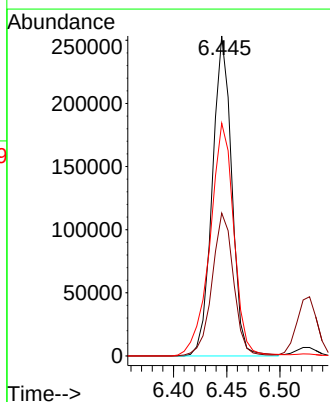
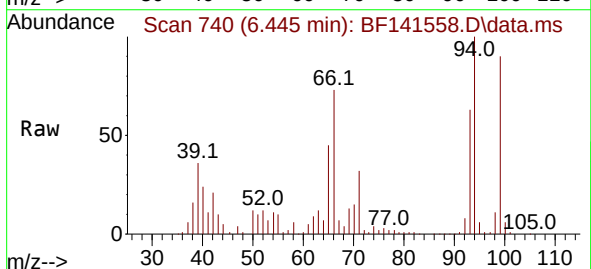
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Supervised By :mohammad
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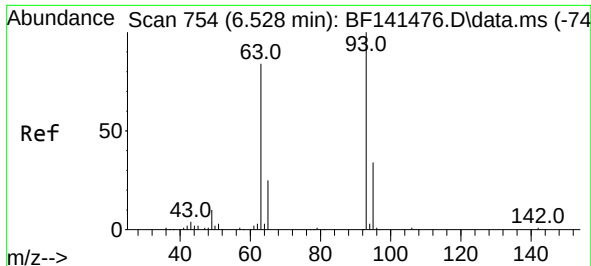
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#10
Phenol
Concen: 41.853 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

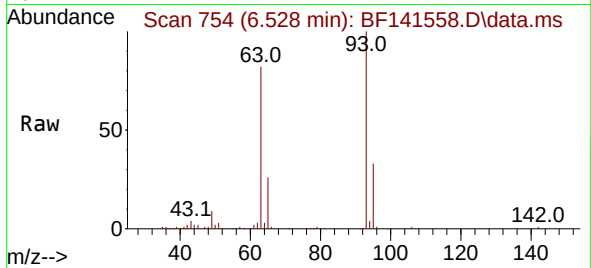
Tgt Ion: 94 Resp: 321445
Ion Ratio Lower Upper
94 100
65 44.7 23.7 63.7
66 72.7 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 41.827 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

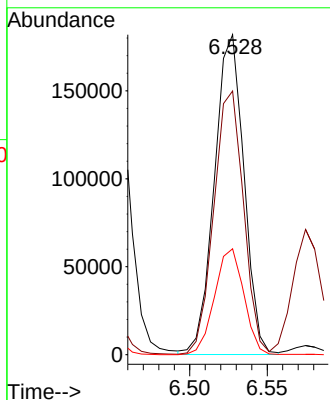
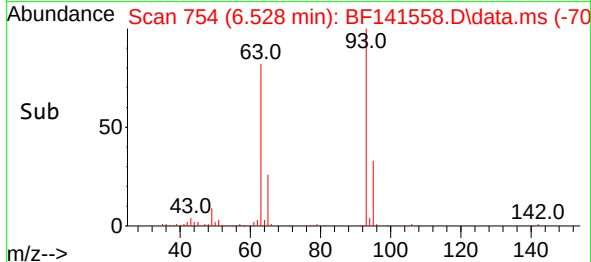
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion: 93 Resp: 241289
Ion Ratio Lower Upper
93 100
63 82.4 62.0 102.0
95 33.1 12.6 52.6

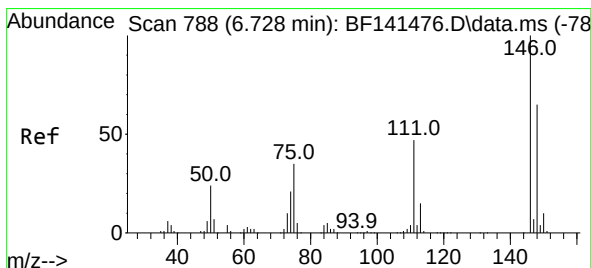
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Supervised By :mohammad ahmed 02/12/2025

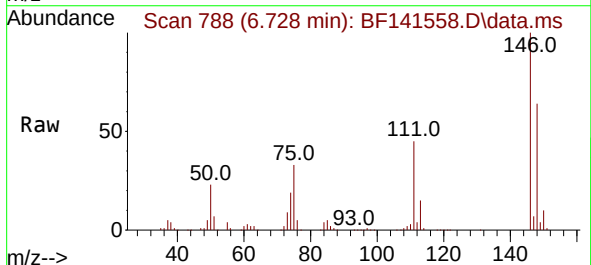


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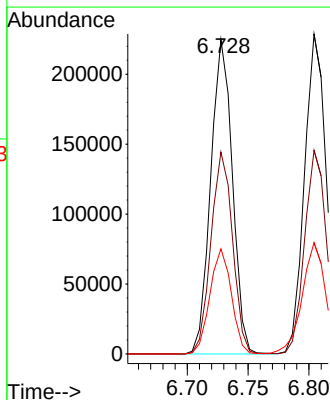
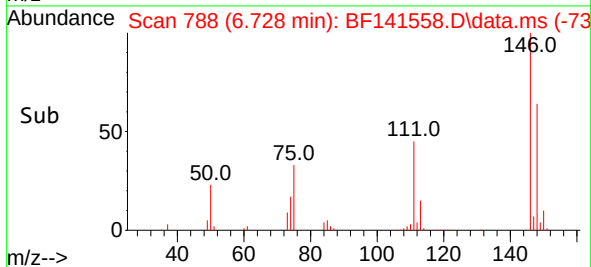
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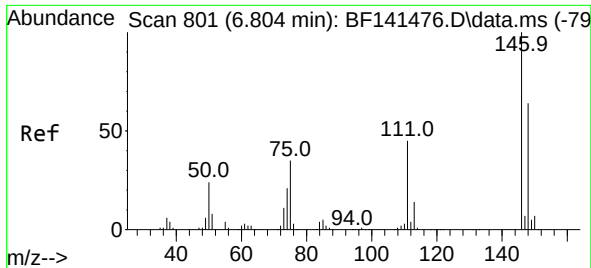


#12
1,3-Dichlorobenzene
Concen: 41.799 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



Tgt Ion:146 Resp: 278387
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 33.4 28.2 42.2





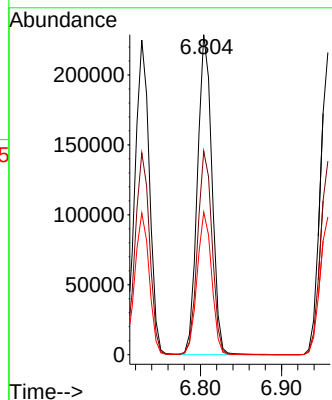
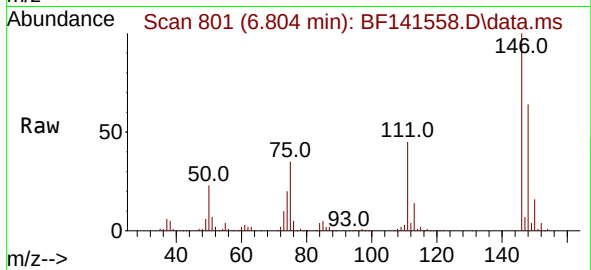
#13
1,4-Dichlorobenzene
Concen: 41.811 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :
BNA_F
ClientSampleId :
PB166610BS

Tgt Ion:146 Resp: 284514
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 44.6 35.9 53.9

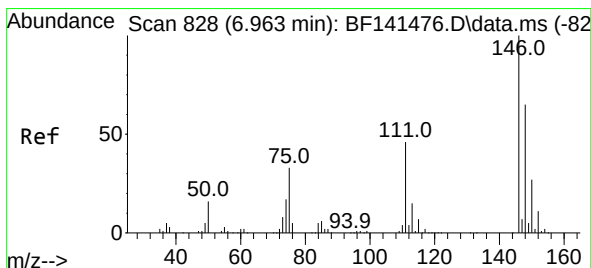
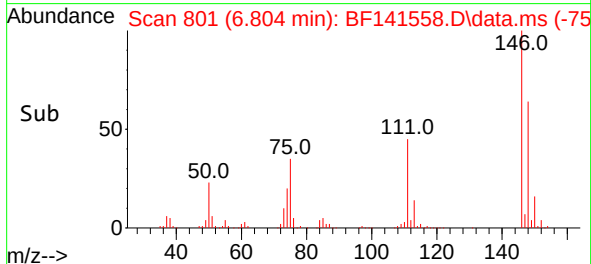
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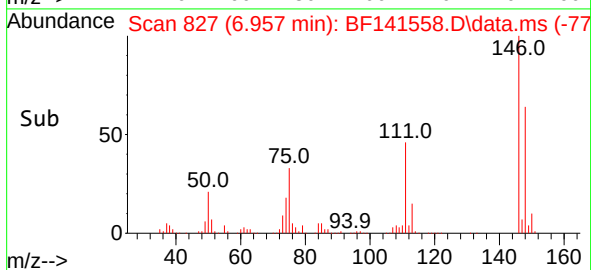
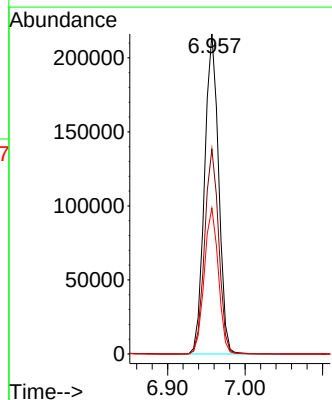
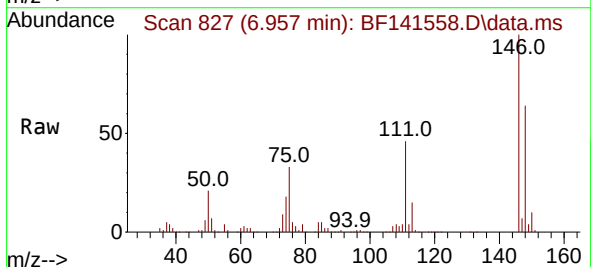
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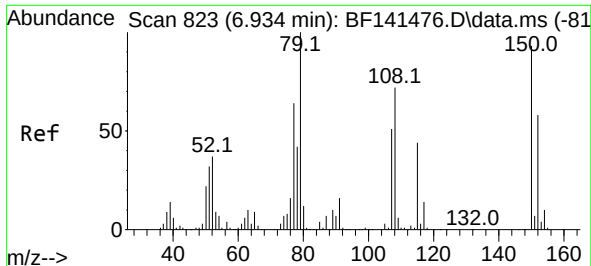
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#14
1,2-Dichlorobenzene
Concen: 43.189 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

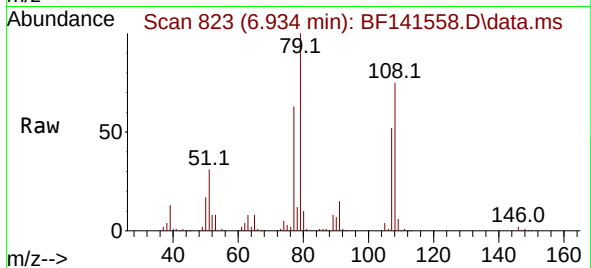
Tgt Ion:146 Resp: 272763
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 45.6 37.0 55.4





#15
Benzyl Alcohol
Concen: 42.287 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

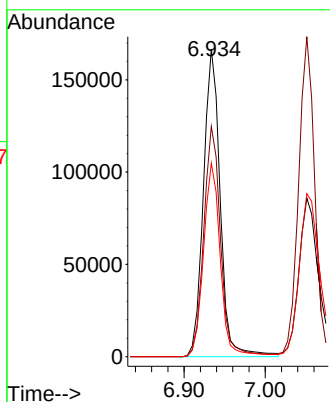
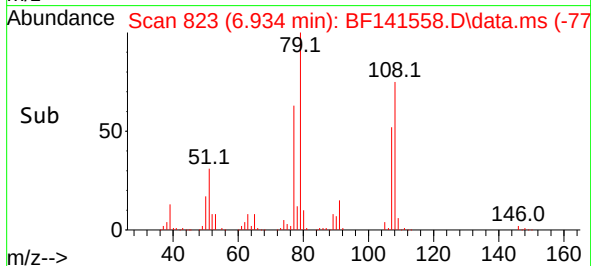
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion: 79 Resp: 239292
Ion Ratio Lower Upper
79 100
108 74.8 57.4 86.2
77 62.9 50.9 76.3

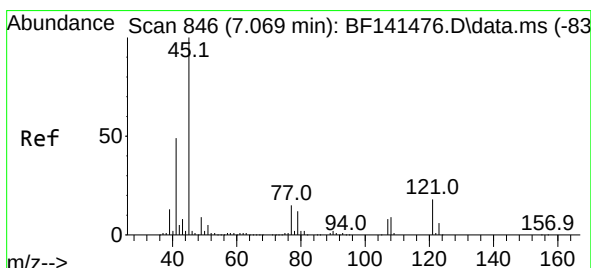
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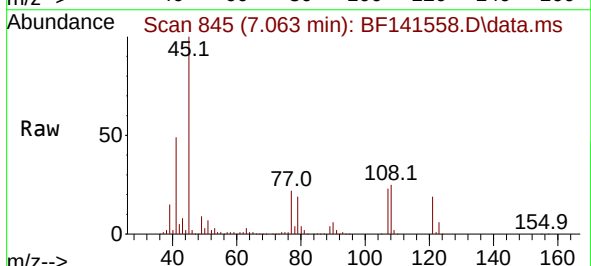


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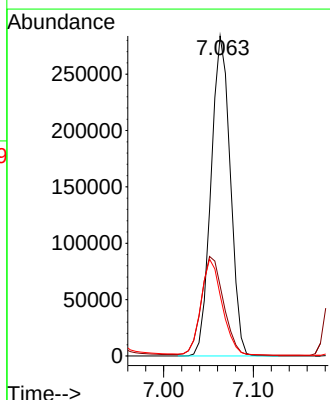
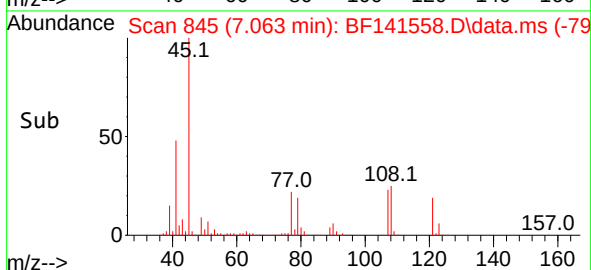
02/12/2025

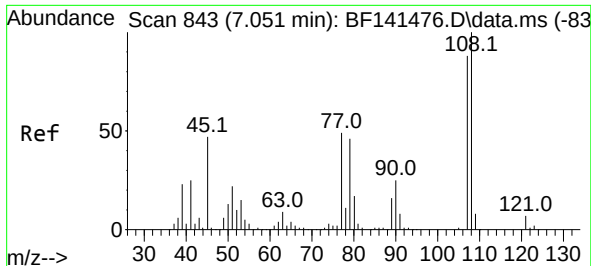


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.783 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



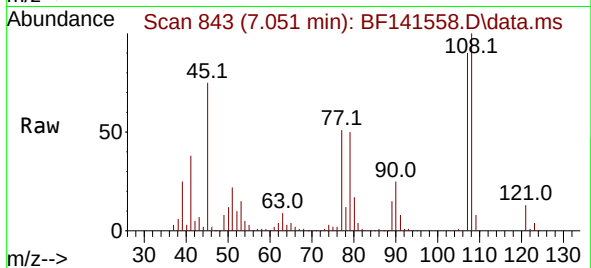
Tgt Ion: 45 Resp: 422487
Ion Ratio Lower Upper
45 100
77 21.9 0.0 35.8
79 19.0 0.0 32.7





#17
2-Methylphenol
Concen: 43.967 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

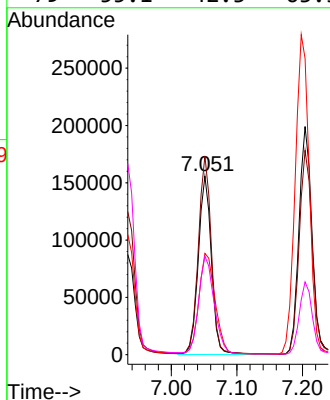
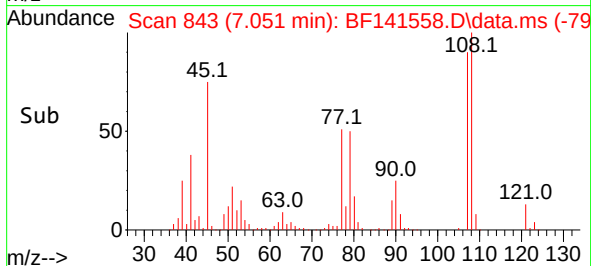
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:107 Resp: 21705
Ion Ratio Lower Upper
107 100
108 111.3 90.6 136.0
77 56.7 44.4 66.6
79 55.1 42.3 63.5

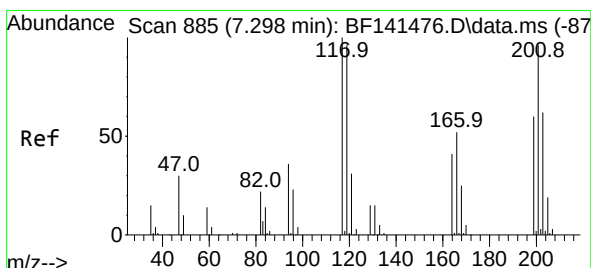
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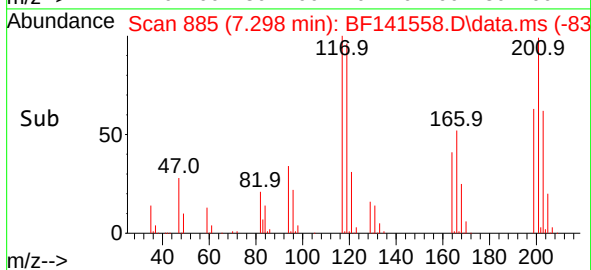
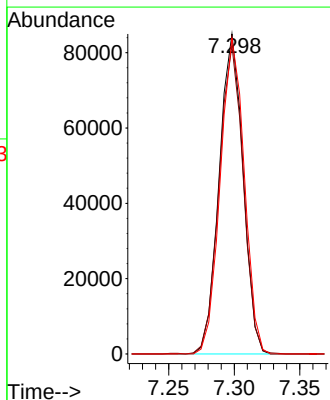
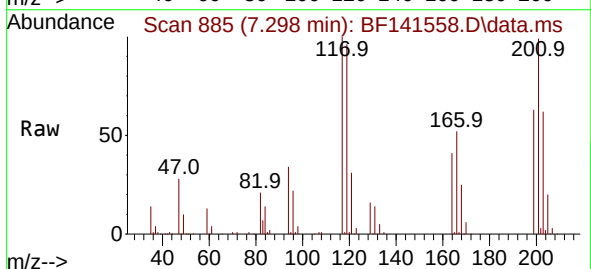
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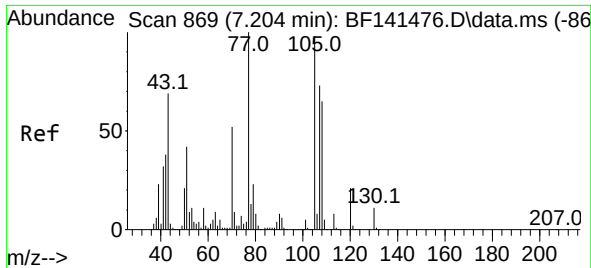
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#18
Hexachloroethane
Concen: 42.661 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:117 Resp: 107436
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
201 98.6 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 42.891 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

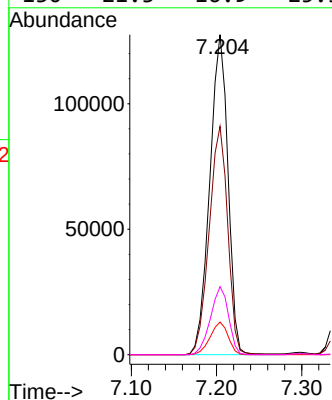
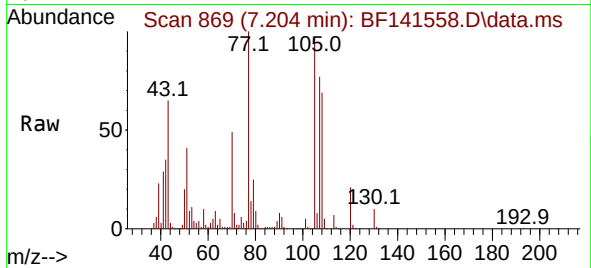
PB166610BS

Tgt Ion: 70 Resp: 189319
Ion Ratio Lower Upper
70 100
42 71.3 57.4 86.2
101 10.2 8.0 12.0
130 21.3 16.9 25.3

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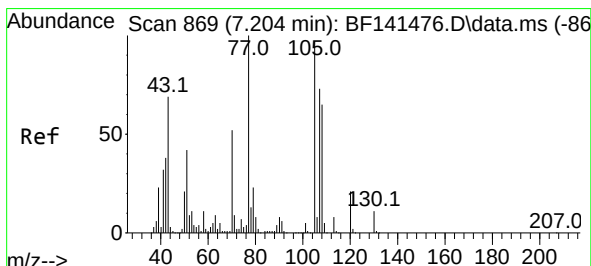
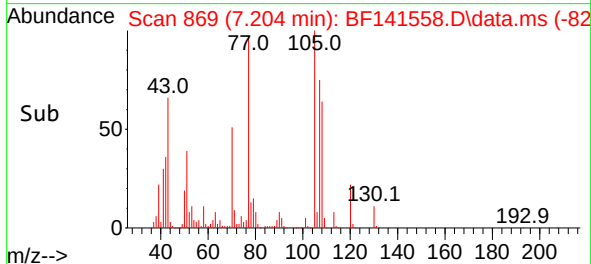
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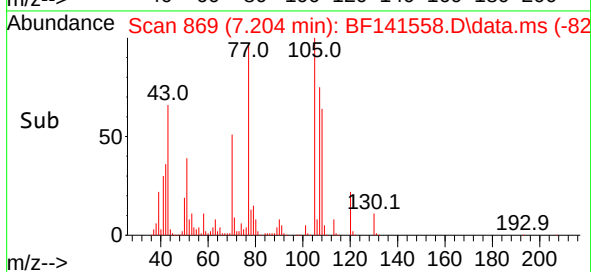
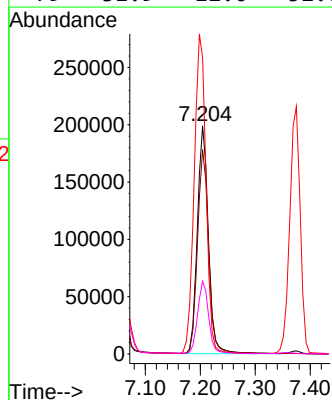
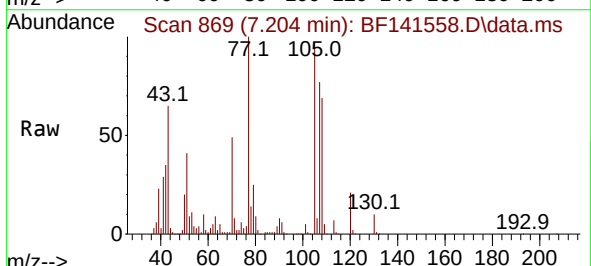
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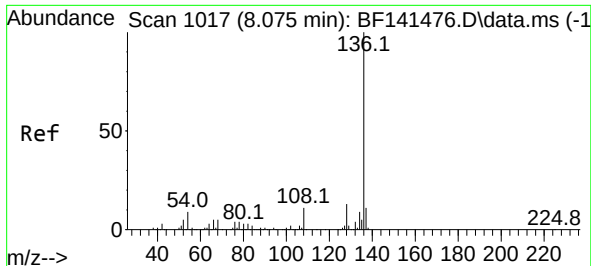
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#20
3+4-Methylphenols
Concen: 44.182 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:107 Resp: 277201
Ion Ratio Lower Upper
107 100
108 89.6 68.5 108.5
77 129.8 116.5 156.5
79 31.9 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

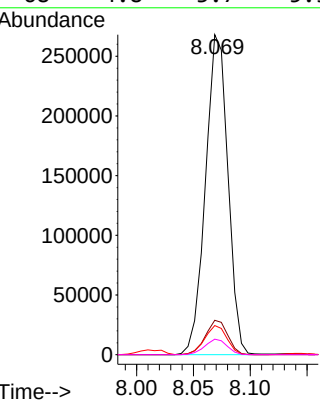
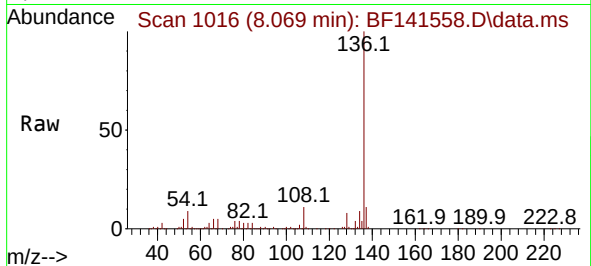
PB166610BS

Tgt Ion:136 Resp: 368818
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.1 7.2 10.8
68 4.8 3.7 5.5

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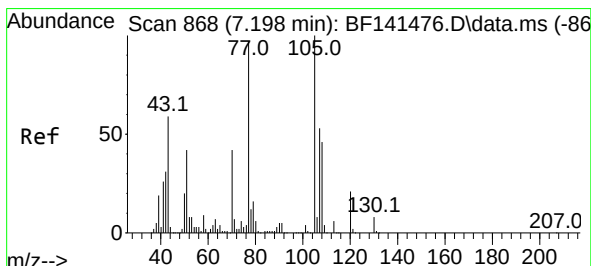
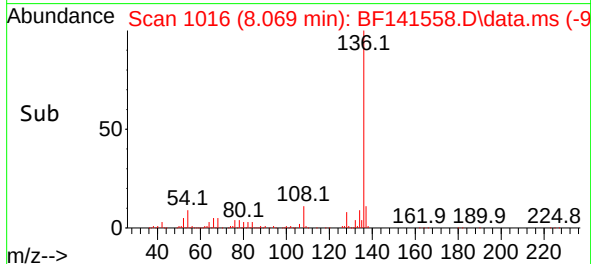
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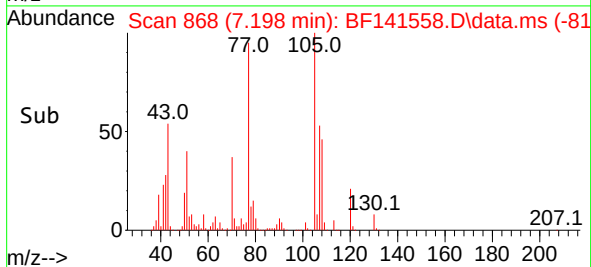
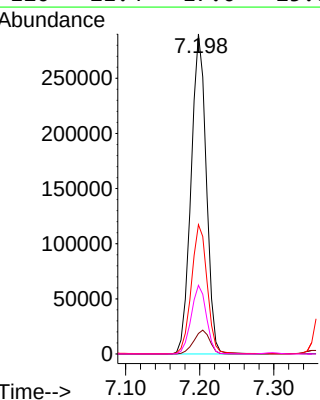
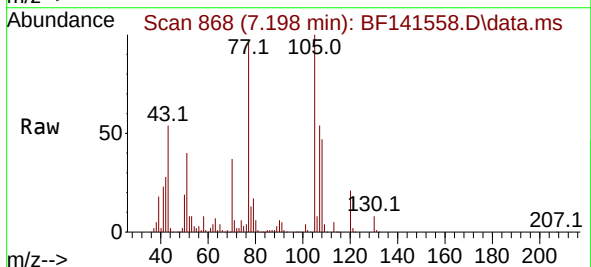
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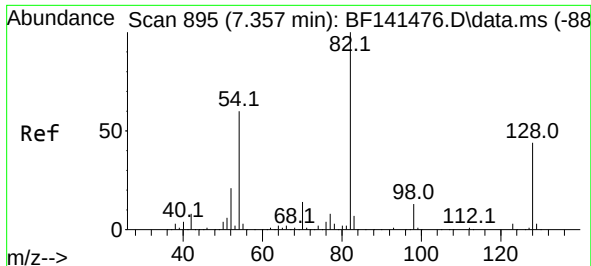
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#22
Acetophenone
Concen: 45.249 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:105 Resp: 415135
Ion Ratio Lower Upper
105 100
71 6.4 5.7 8.5
51 40.4 33.7 50.5
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 86.219 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

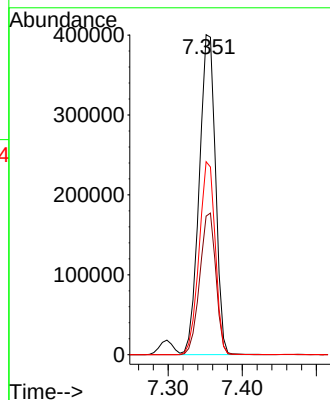
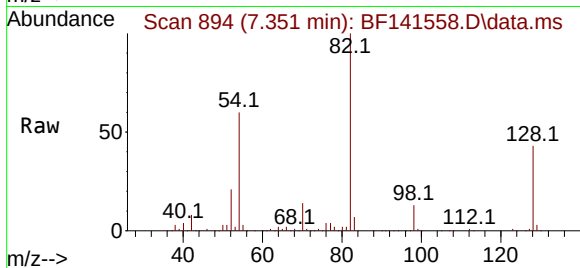
ClientSampleId :

PB166610BS

Tgt Ion: 82 Resp: 60966
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.8 52.2
 54 60.3 48.2 72.4

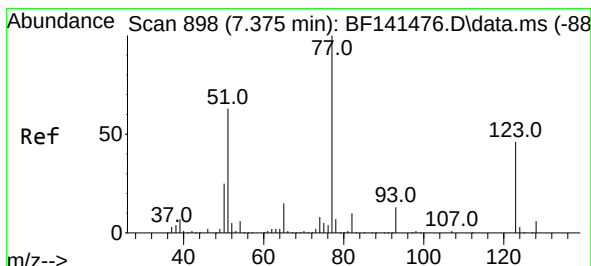
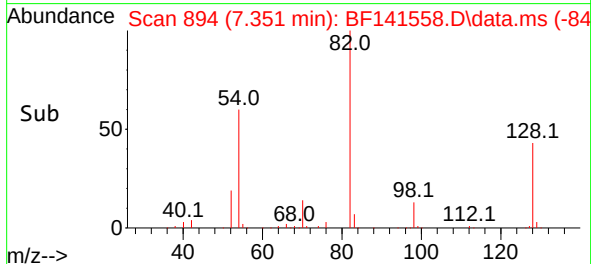
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#24

Nitrobenzene

Concen: 41.287 ng

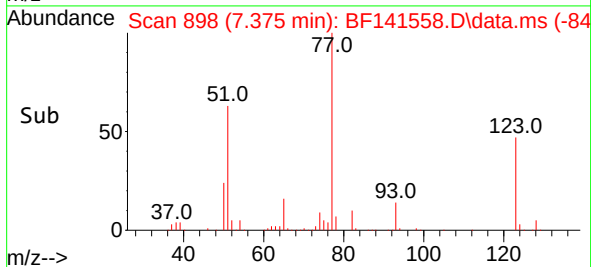
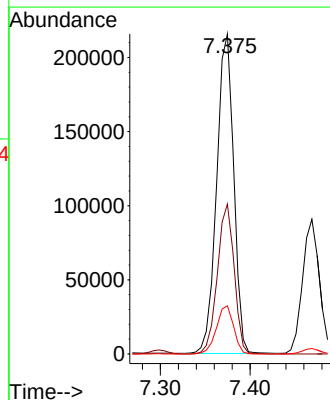
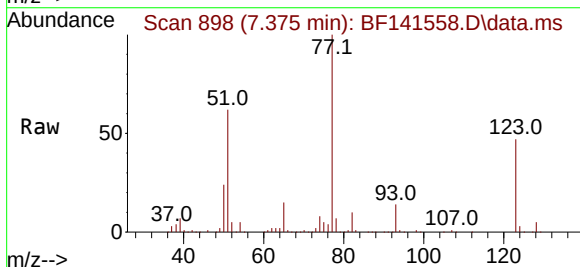
RT: 7.375 min Scan# 898

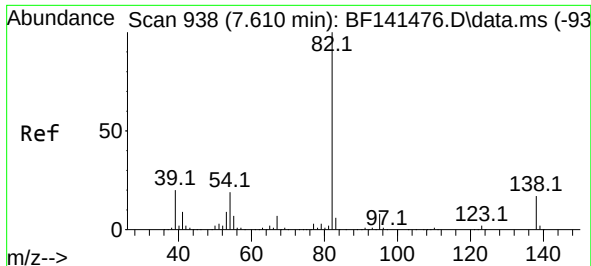
Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

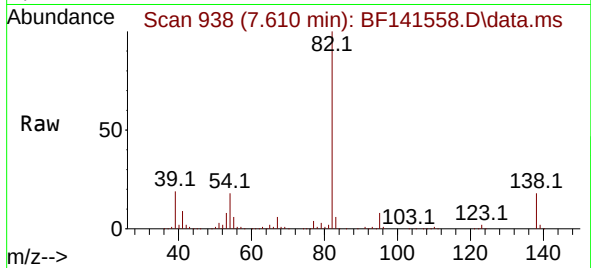
Tgt Ion: 77 Resp: 284685
 Ion Ratio Lower Upper
 77 100
 123 46.8 36.9 55.3
 65 15.0 11.9 17.9





#25
Isophorone
Concen: 45.910 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

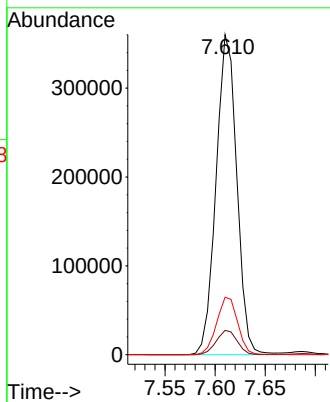
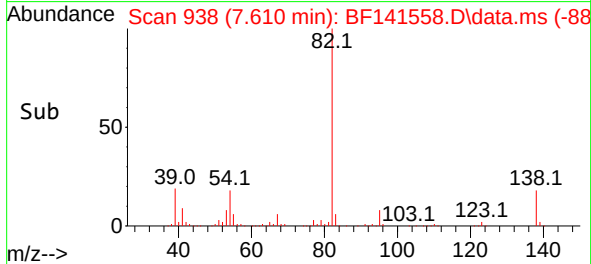
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion: 82 Resp: 51762
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.0 13.9 20.9

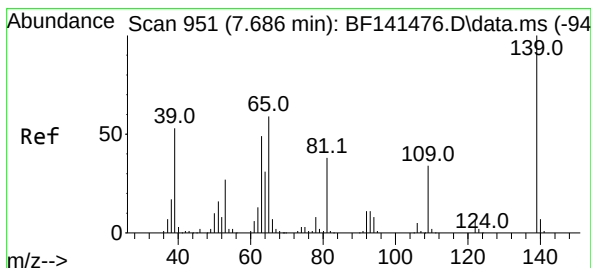
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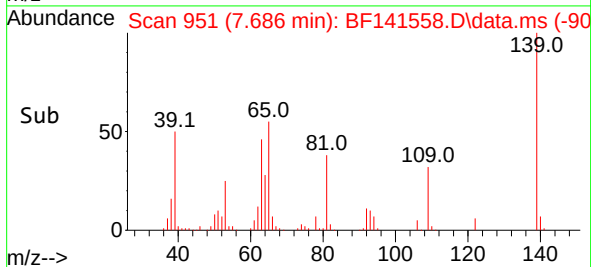
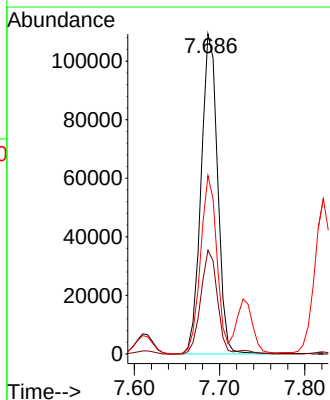
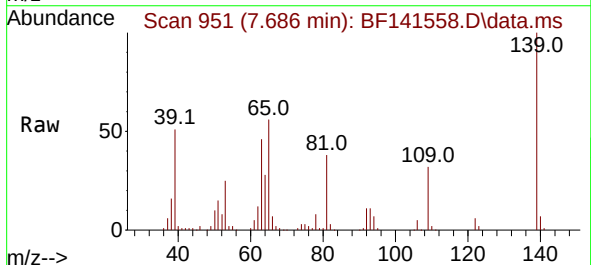
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Supervised By :mohammad
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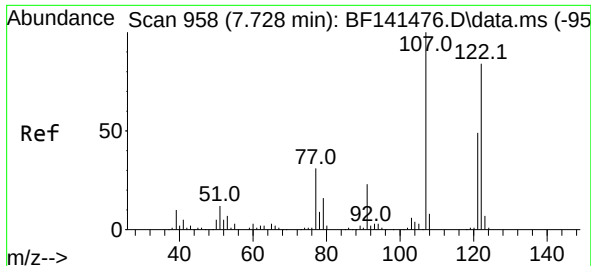
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#26
2-Nitrophenol
Concen: 43.001 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:139 Resp: 147515
Ion Ratio Lower Upper
139 100
109 32.4 27.0 40.6
65 55.8 47.1 70.7





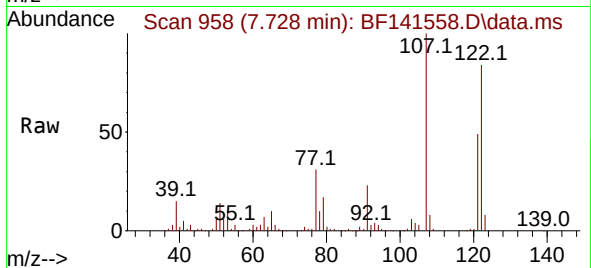
#27
2,4-Dimethylphenol
Concen: 55.522 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

PB166610BS

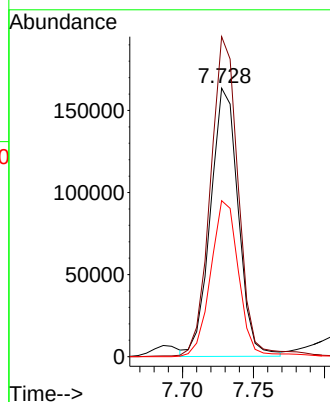
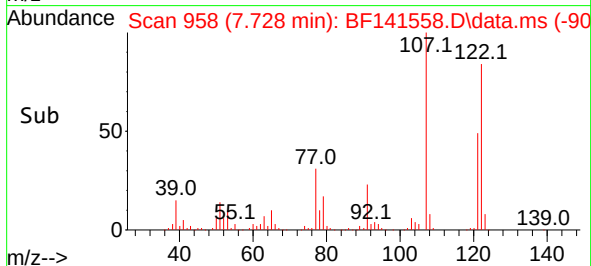


Tgt Ion:122 Resp: 222510
Ion Ratio Lower Upper
122 100
107 119.2 94.3 141.5
121 58.1 46.0 69.0

Manual Integrations

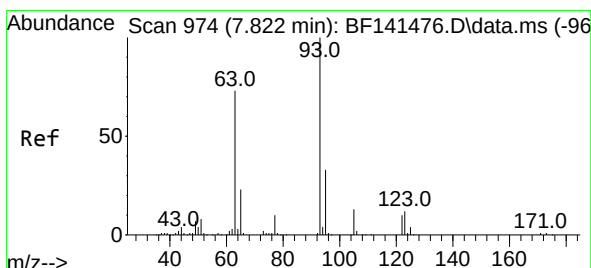
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



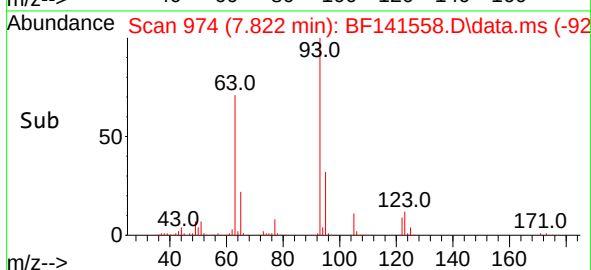
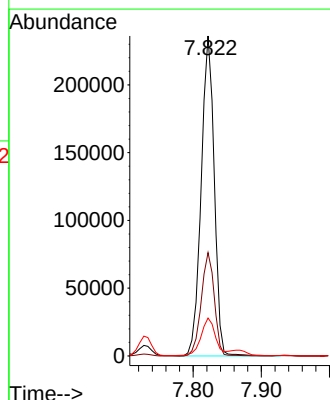
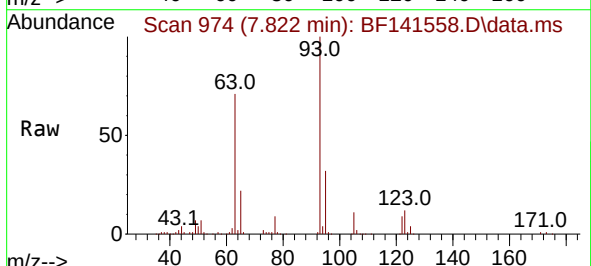
02/11/2025
Supervised By :mohammad
ahmed

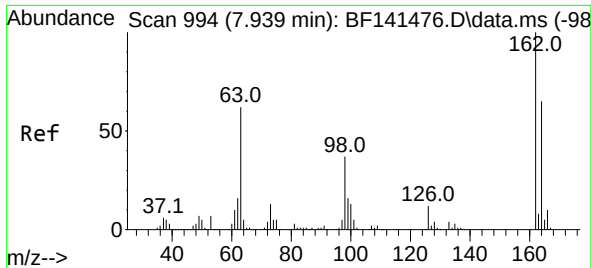
02/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.620 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion: 93 Resp: 315137
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.765 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

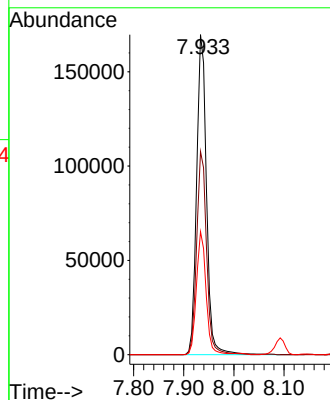
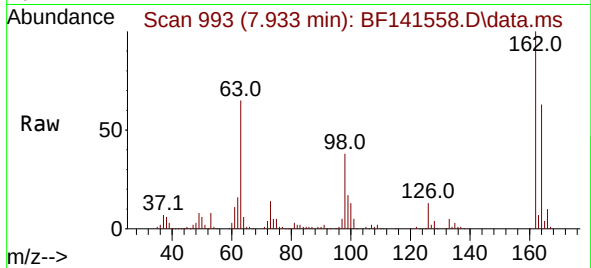
PB166610BS

Tgt Ion:162	Resp:	23156
Ion Ratio	Lower	Upper
162	100	
164	63.5	44.6 84.6
98	38.5	17.2 57.2

Manual Integrations

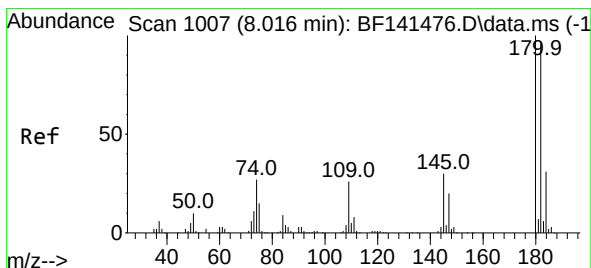
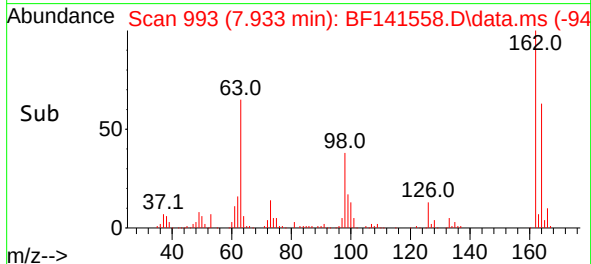
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



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Supervised By :mohammad
ahmed

02/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.556 ng

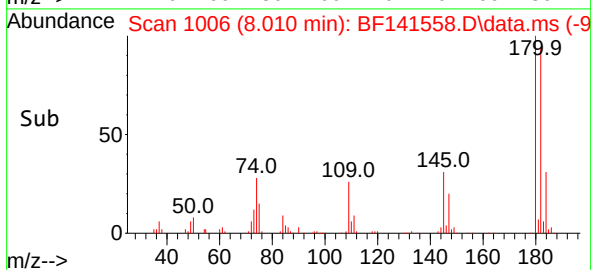
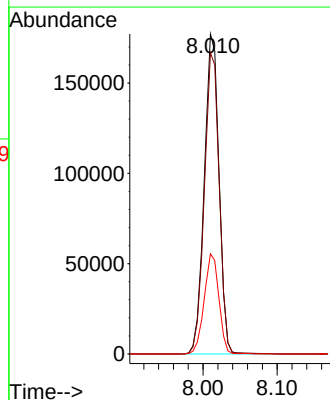
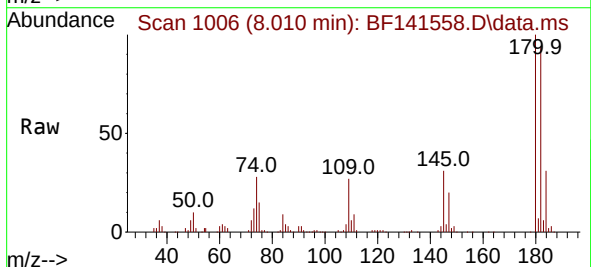
RT: 8.010 min Scan# 1006

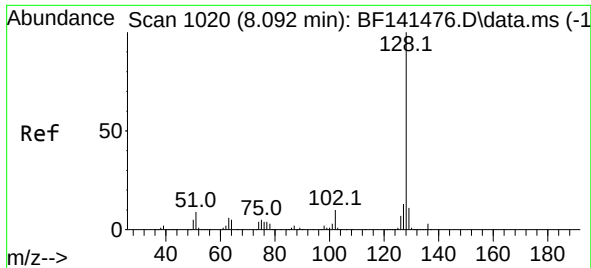
Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

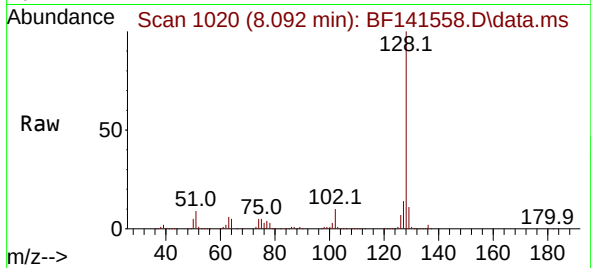
Tgt Ion:180	Resp:	245036
Ion Ratio	Lower	Upper
180	100	
182	94.1	76.8 115.2
145	31.3	24.2 36.4





#31
Naphthalene
Concen: 40.906 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

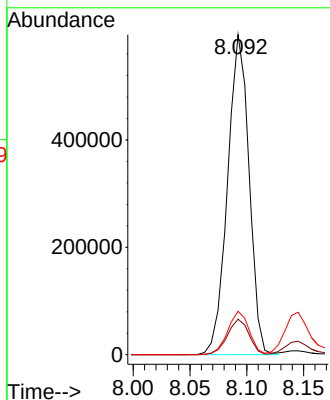
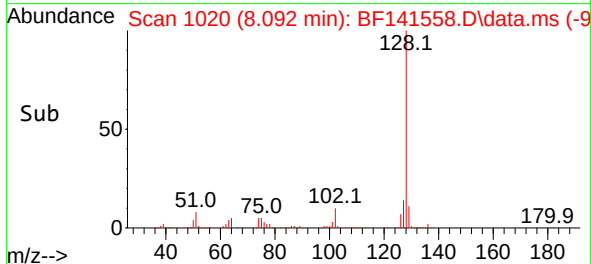
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:128 Resp: 78532
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.6 10.7 16.1

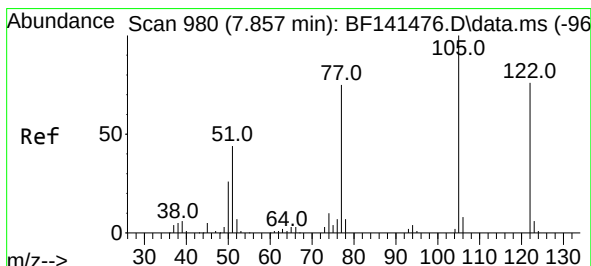
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



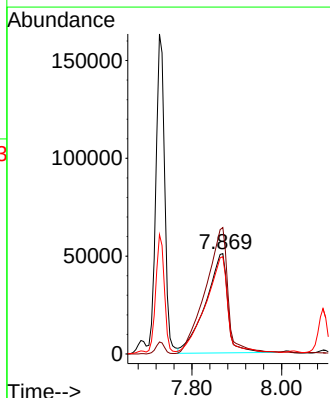
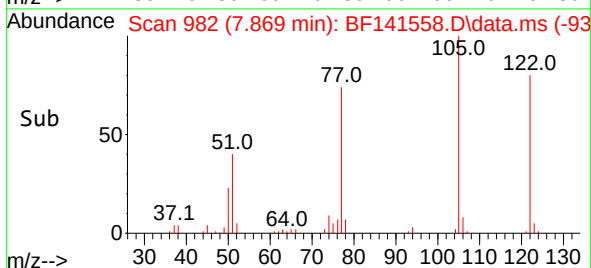
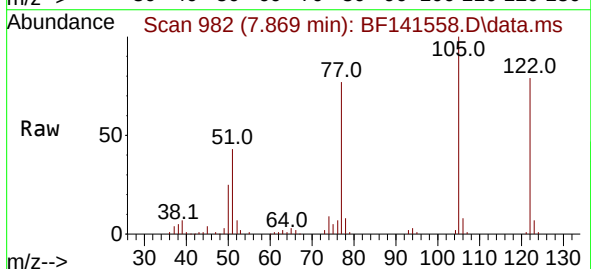
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Supervised By :mohammad
ahmed

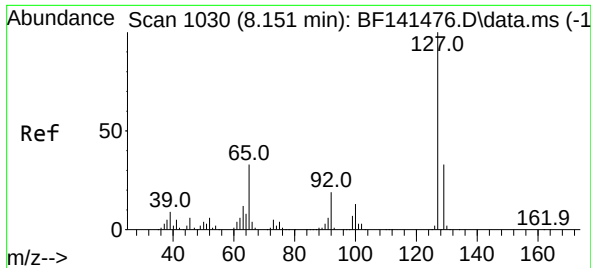
02/12/2025



#32
Benzoic acid
Concen: 42.046 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.024 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:122 Resp: 175023
Ion Ratio Lower Upper
122 100
105 126.0 106.5 146.5
77 96.9 76.3 116.3





#33
4-Chloroaniline
Concen: 19.951 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

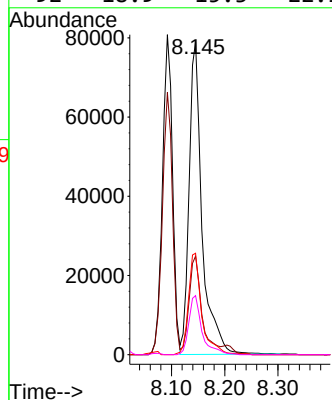
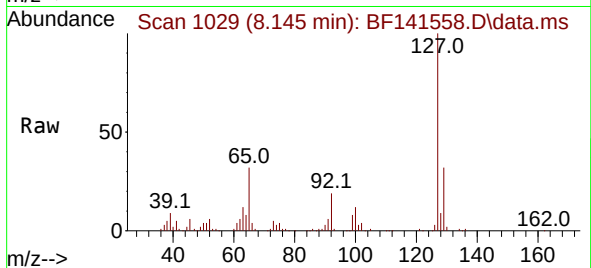
PB166610BS

Tgt Ion:127 Resp: 133720
Ion Ratio Lower Upper
127 100
129 31.5 26.5 39.7
65 32.4 26.4 39.6
92 18.9 15.3 22.9

Manual Integrations

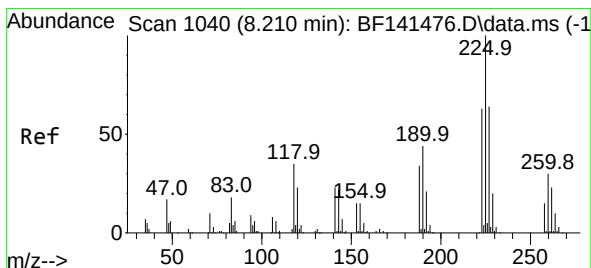
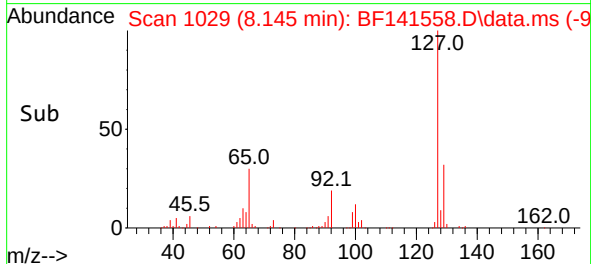
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Supervised By :mohammad ahmed 02/12/2025



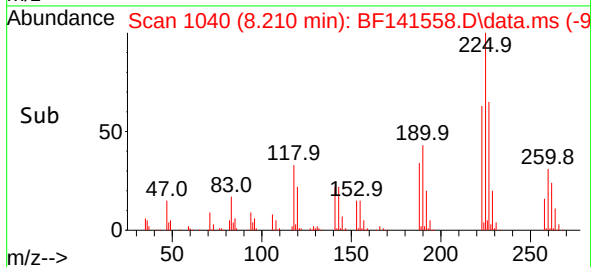
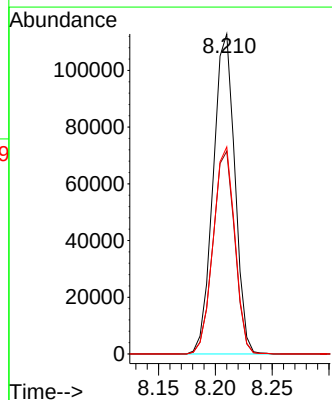
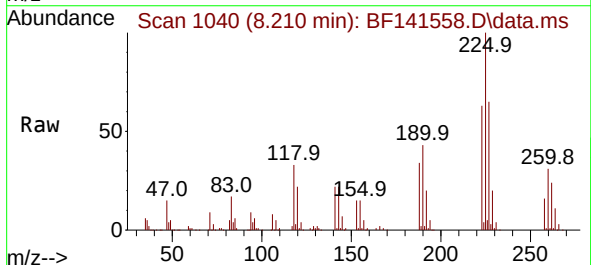
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Supervised By :mohammad
ahmed

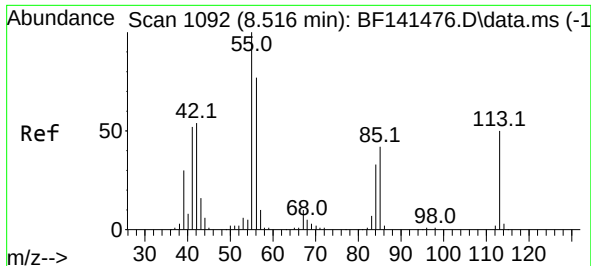
02/12/2025



#34
Hexachlorobutadiene
Concen: 42.328 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:225 Resp: 149836
Ion Ratio Lower Upper
225 100
223 63.4 50.1 75.1
227 64.7 51.0 76.6





#35
Caprolactam
Concen: 49.213 ng m
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

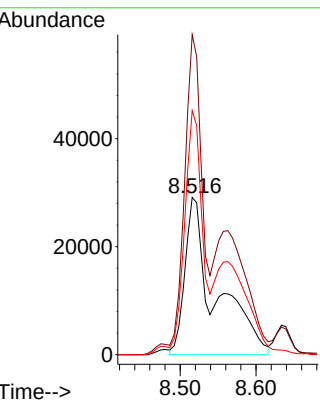
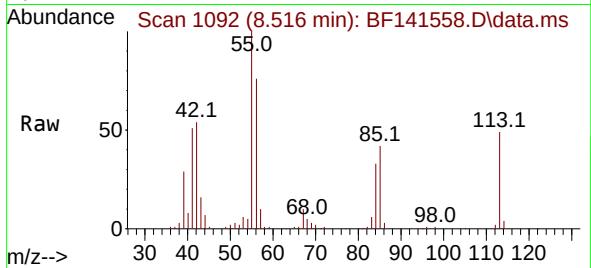
ClientSampleId :

PB166610BS

Tgt Ion:113 Resp: 81135
Ion Ratio Lower Upper
113 100
55 203.5 180.8 220.8
56 155.2 133.6 173.6

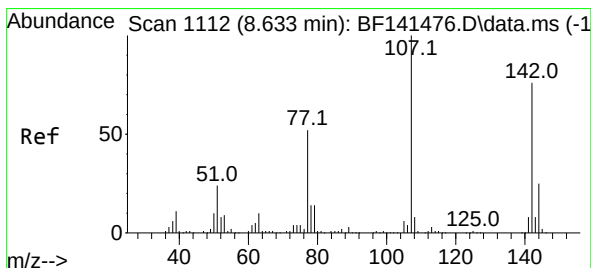
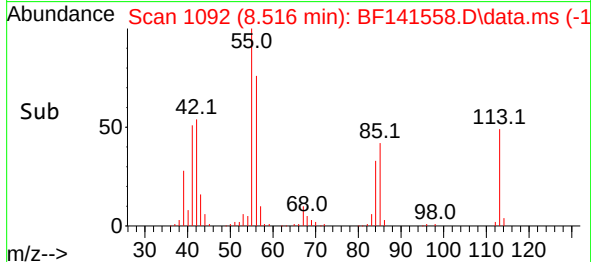
Manual Integrations
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Supervised By :mohammad ahmed 02/12/2025



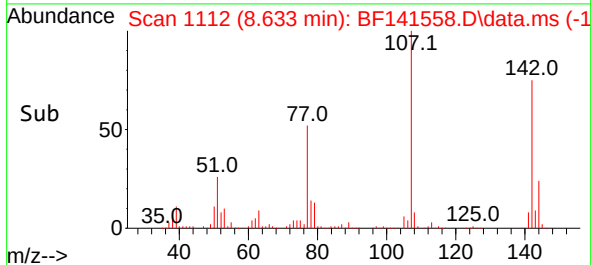
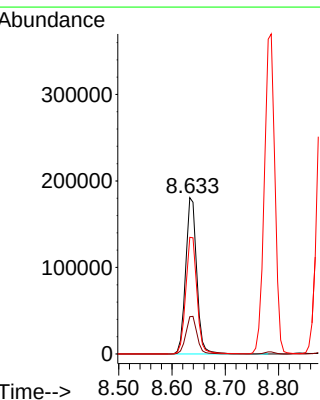
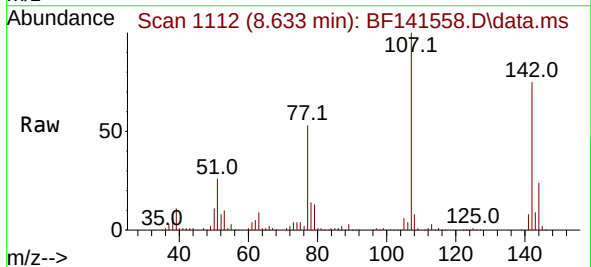
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Supervised By :mohammad
ahmed

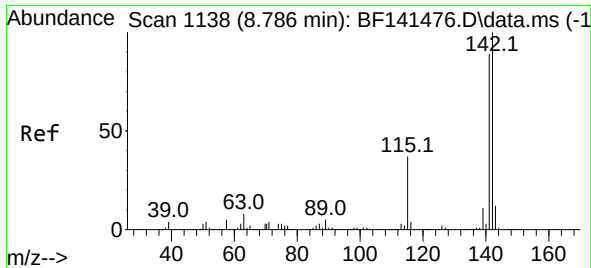
02/12/2025



#36
4-Chloro-3-methylphenol
Concen: 43.676 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:107 Resp: 261970
Ion Ratio Lower Upper
107 100
144 23.9 19.7 29.5
142 74.6 60.8 91.2





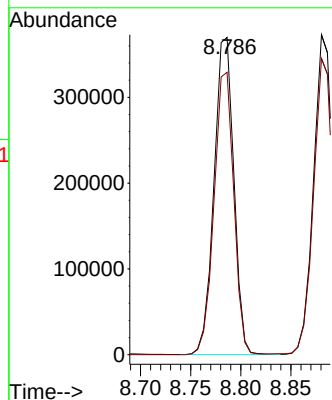
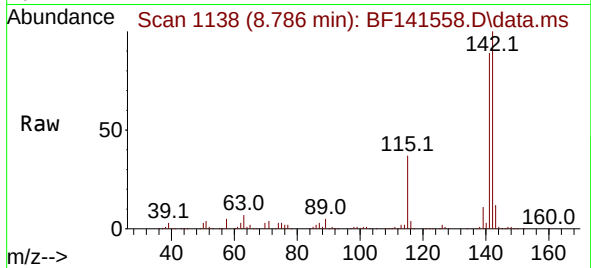
#37
2-Methylnaphthalene
Concen: 40.571 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :
BNA_F
ClientSampleId :
PB166610BS

Tgt Ion:142 Resp: 50685
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8

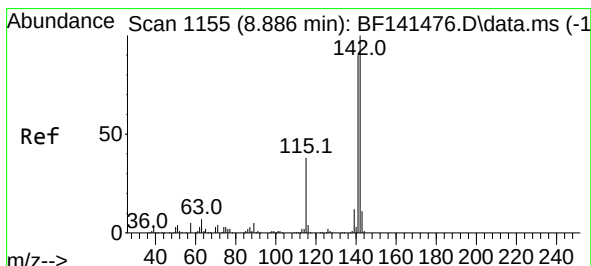
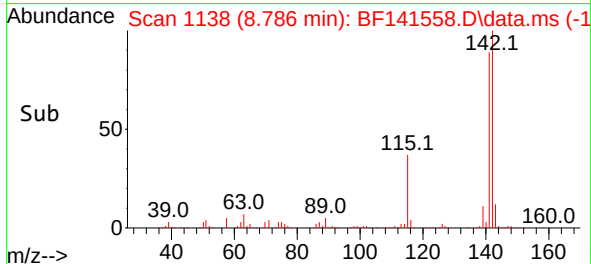
Manual Integrations
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Supervised By :mohammad ahmed 02/12/2025



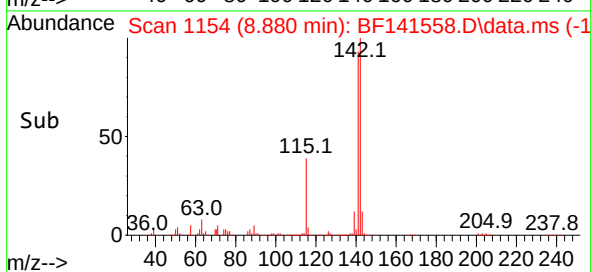
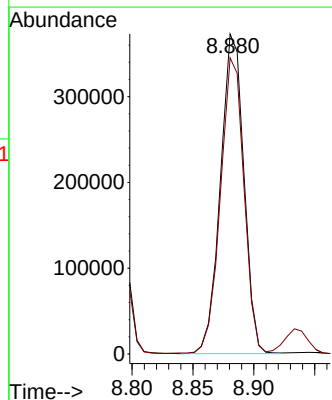
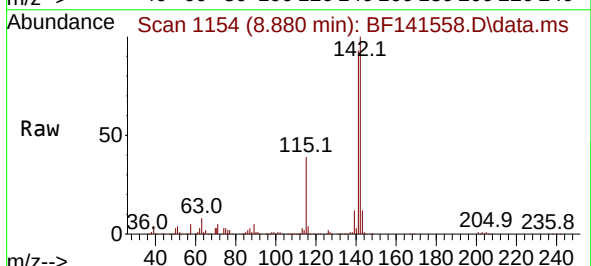
02/11/2025
Supervised By :mohammad
ahmed

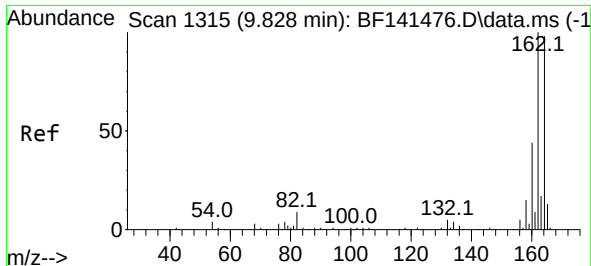
02/12/2025



#38
1-Methylnaphthalene
Concen: 41.129 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:142 Resp: 497659
Ion Ratio Lower Upper
142 100
141 92.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141558.D

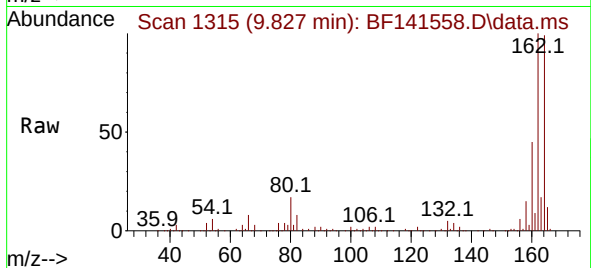
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

PB166610BS



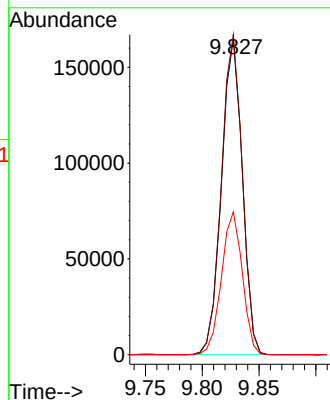
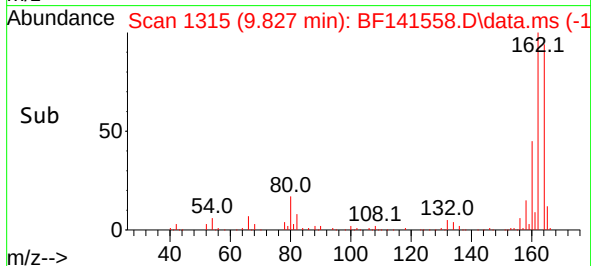
Tgt Ion:164 Resp: 21024

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	45.3	35.9	53.9

Manual Integrations

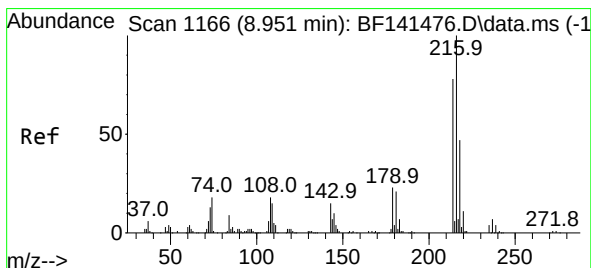
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



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Supervised By :mohammad
ahmed

02/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.507 ng

RT: 8.951 min Scan# 1166

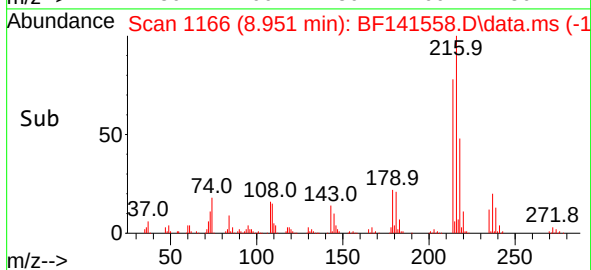
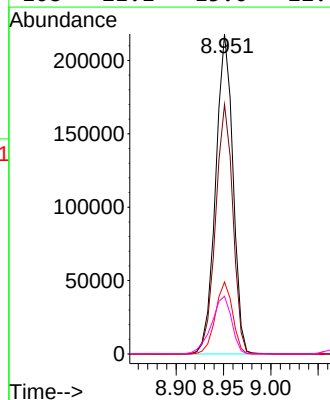
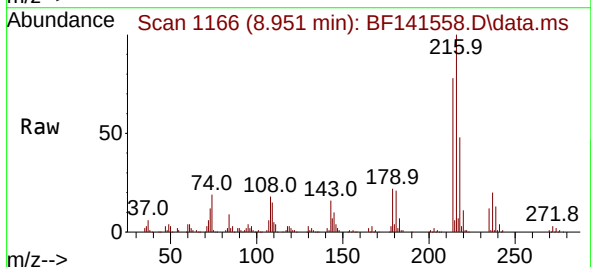
Delta R.T. 0.000 min

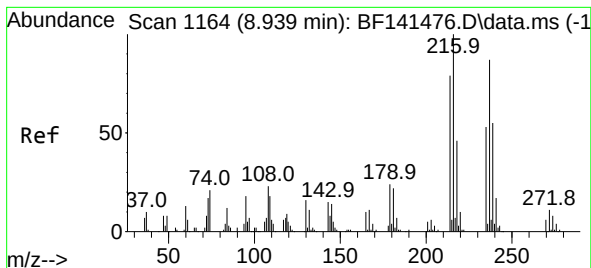
Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

Tgt Ion:216 Resp: 276797

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	22.4	18.0	27.0
108	21.1	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 147.709 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

PB166610BS

Tgt Ion:237 Resp: 298830

Ion Ratio Lower Upper

237 100

235 63.0 41.4 81.4

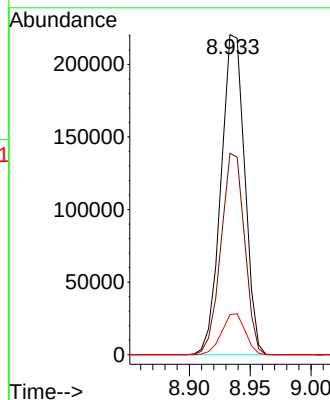
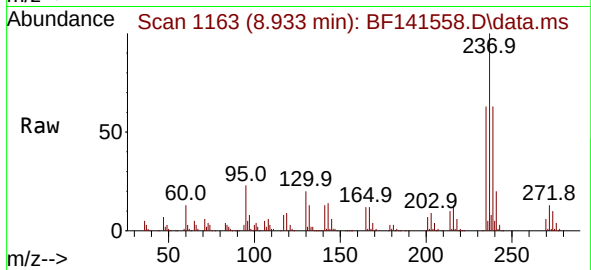
272 12.5 0.0 32.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/11/2025

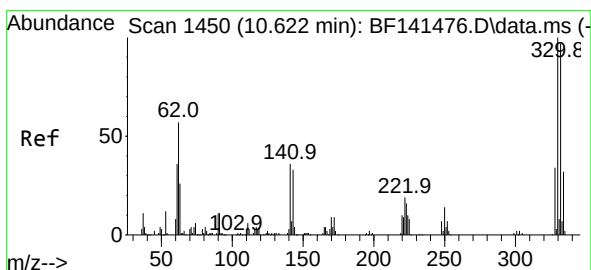
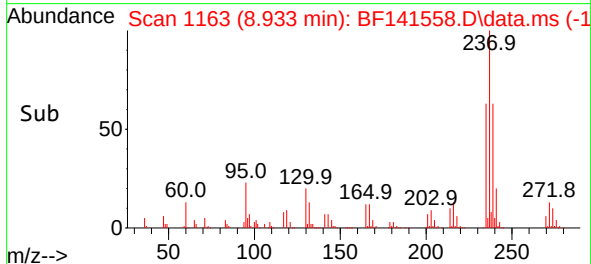
Supervised By :mohammad ahmed 02/12/2025



02/11/2025

Supervised By :mohammad
ahmed

02/12/2025



#42

2,4,6-Tribromophenol

Concen: 131.522 ng

RT: 10.621 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

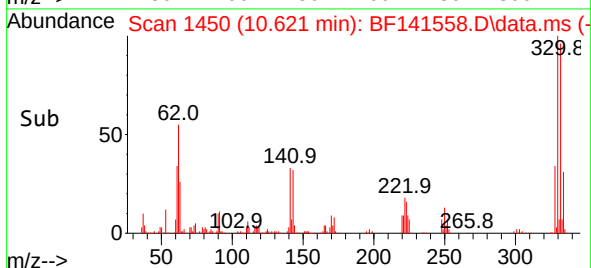
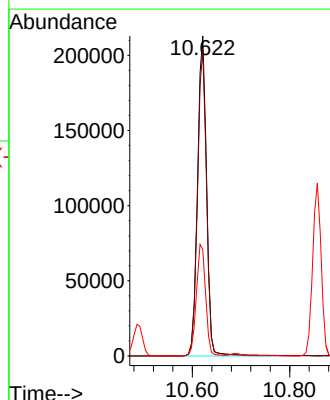
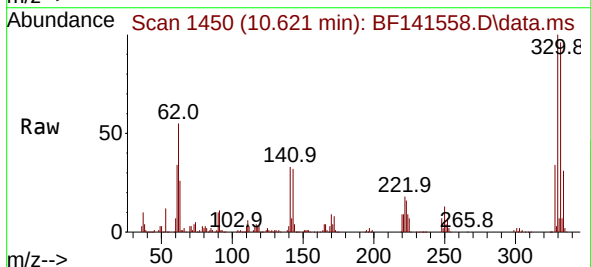
Tgt Ion:330 Resp: 277770

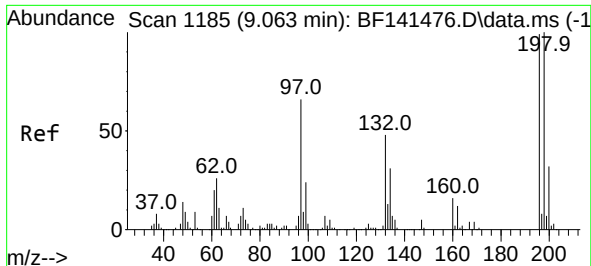
Ion Ratio Lower Upper

330 100

332 95.3 78.5 117.7

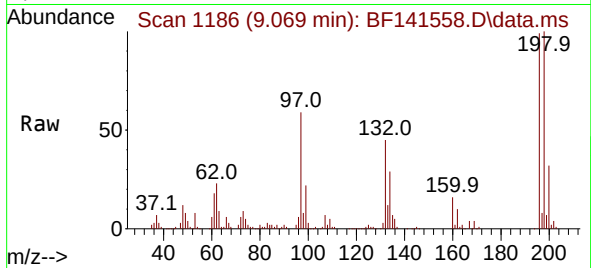
141 35.7 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 42.151 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

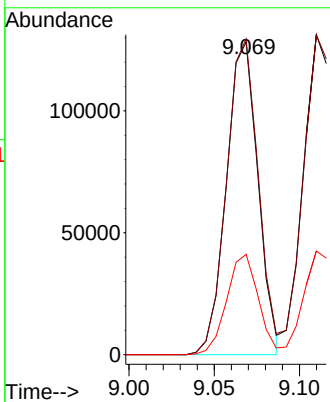
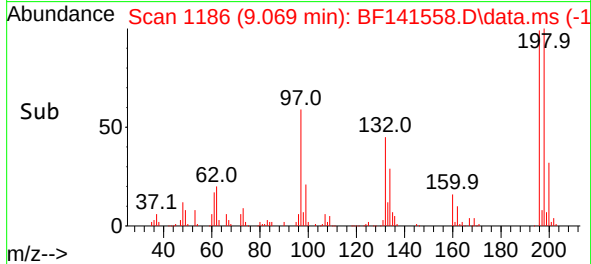
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:196 Resp: 16570
Ion Ratio Lower Upper
196 100
198 101.0 80.6 121.0
200 32.1 25.5 38.3

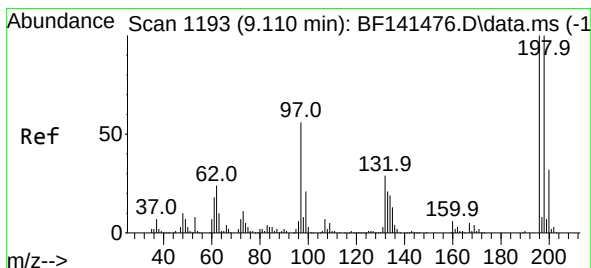
Manual Integrations
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Supervised By :mohammad ahmed 02/12/2025



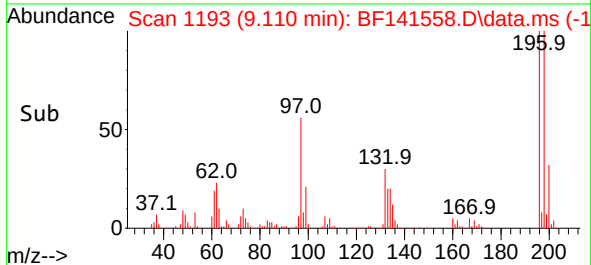
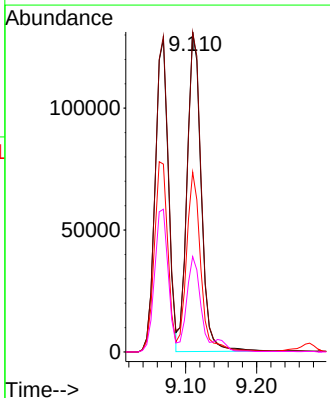
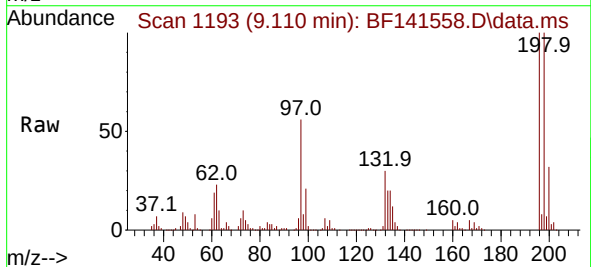
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Supervised By :mohammad
ahmed

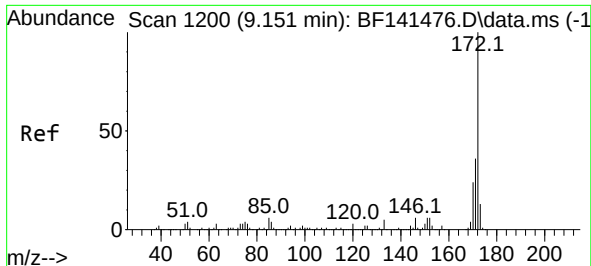
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#44
2,4,5-Trichlorophenol
Concen: 42.460 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:196 Resp: 180900
Ion Ratio Lower Upper
196 100
198 100.0 79.8 119.8
97 56.2 44.8 67.2
132 29.8 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 86.755 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

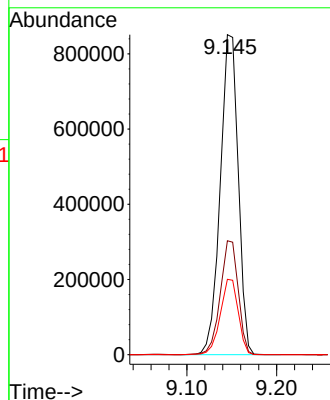
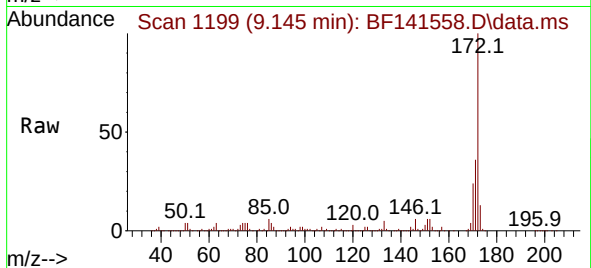
PB166610BS

Tgt Ion:172 Resp: 118388
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.5 18.9 28.3

Manual Integrations

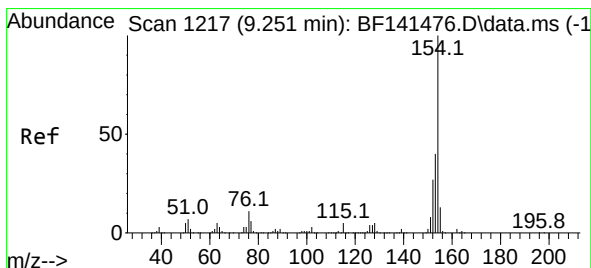
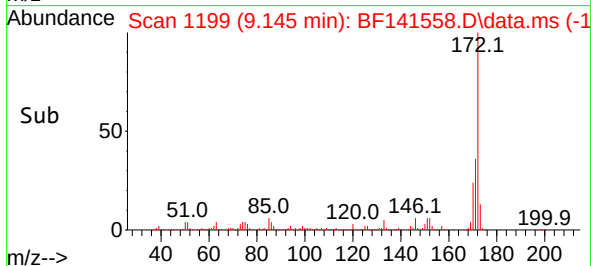
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Supervised By :mohammad ahmed 02/12/2025



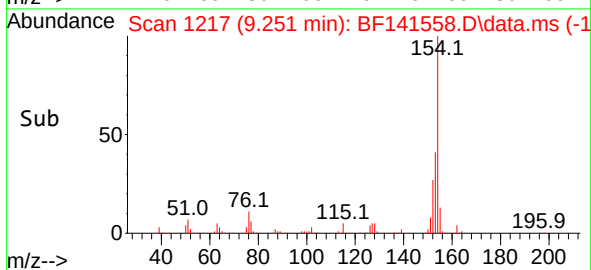
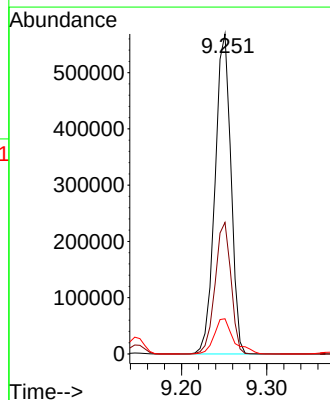
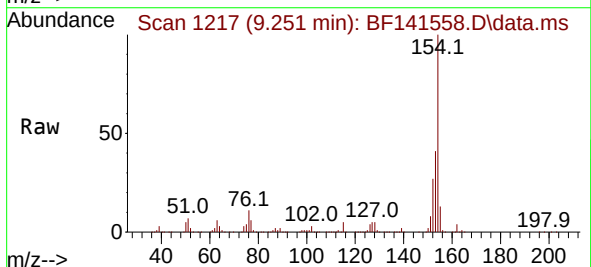
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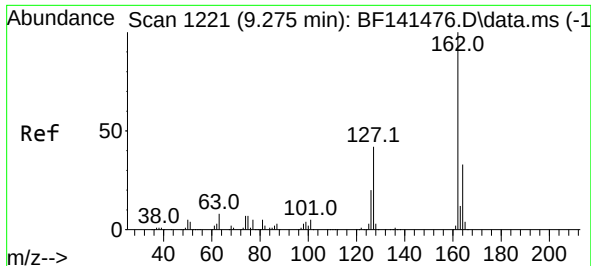
02/12/2025



#46
1,1'-Biphenyl
Concen: 45.316 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:154 Resp: 738633
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 11.0 0.0 30.8





#47
2-Chloronaphthalene
Concen: 42.383 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

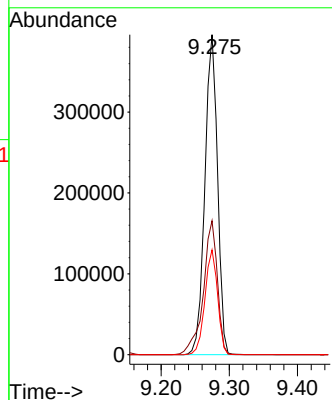
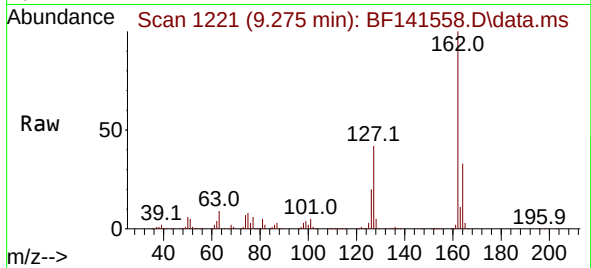
ClientSampleId :

PB166610BS

Tgt Ion:162 Resp: 510849
Ion Ratio Lower Upper
162 100
127 41.9 34.1 51.1
164 32.7 26.3 39.5

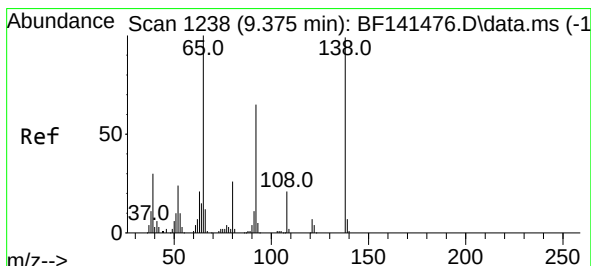
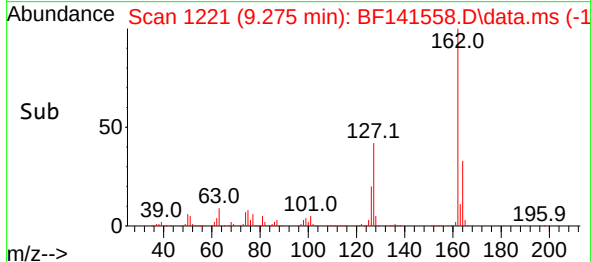
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Supervised By :mohammad ahmed 02/12/2025



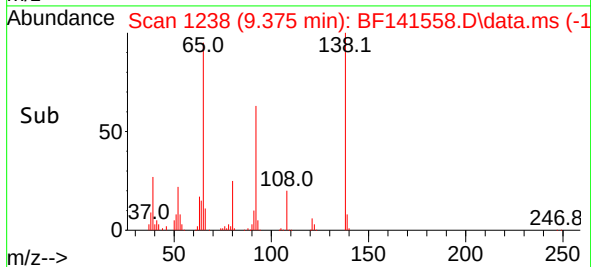
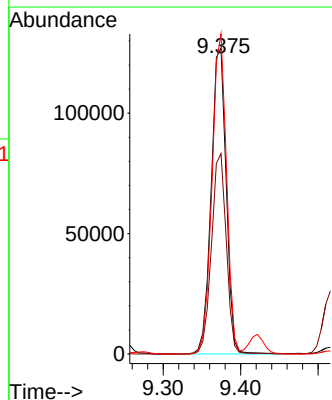
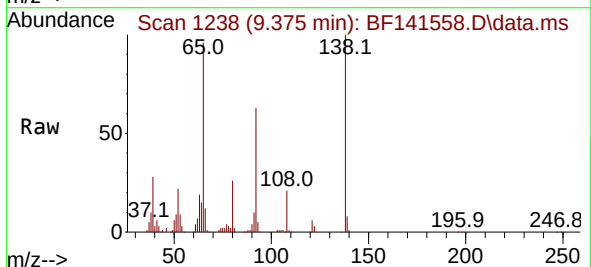
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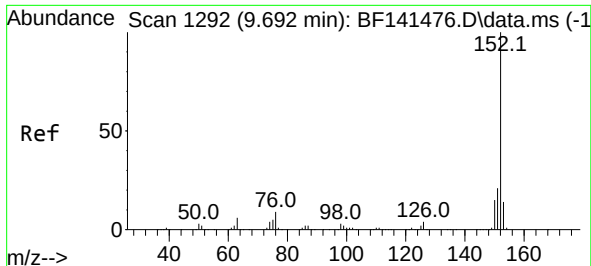
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#48
2-Nitroaniline
Concen: 42.279 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

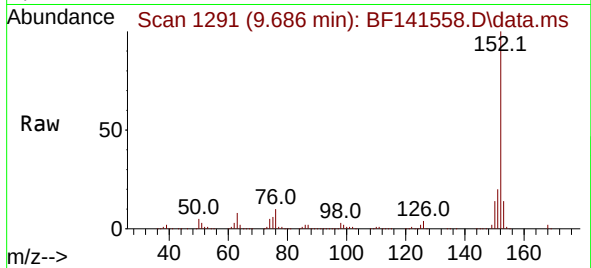
Tgt Ion: 65 Resp: 171020
Ion Ratio Lower Upper
65 100
92 65.5 52.2 78.2
138 104.5 79.5 119.3





#49
Acenaphthylene
Concen: 44.239 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

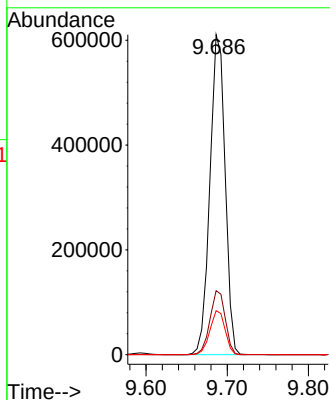
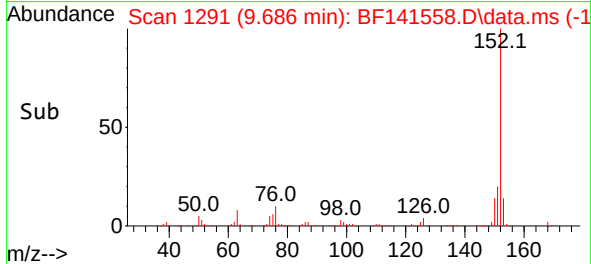
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:152 Resp: 793104
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.8 10.9 16.3

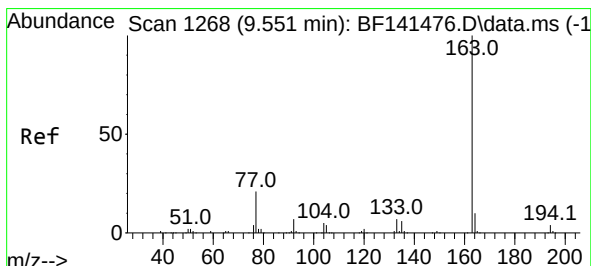
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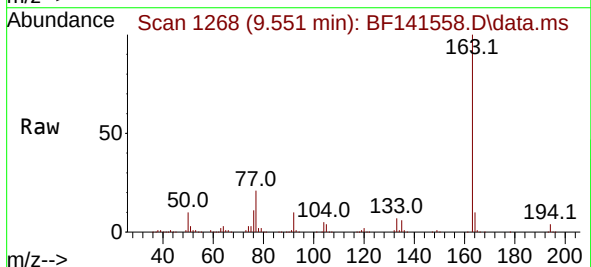


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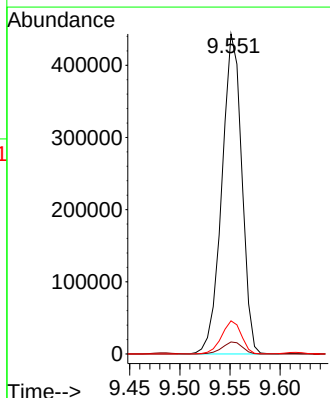
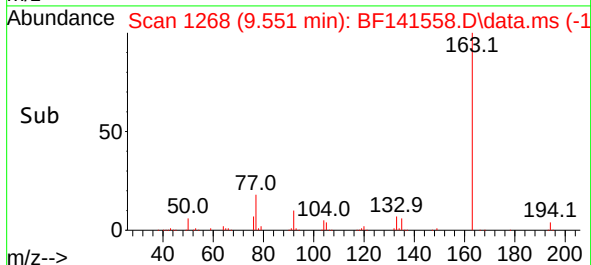
02/12/2025

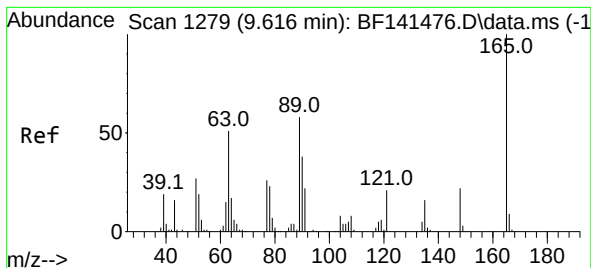


#50
Dimethylphthalate
Concen: 42.929 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



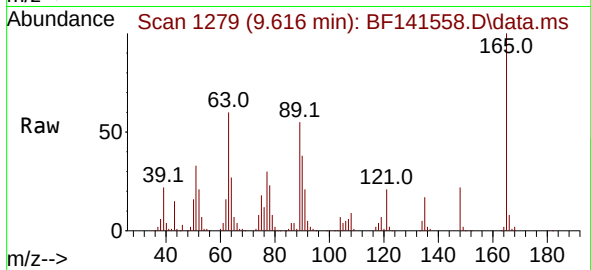
Tgt Ion:163 Resp: 612718
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.763 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

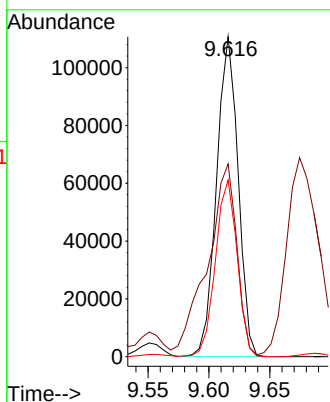
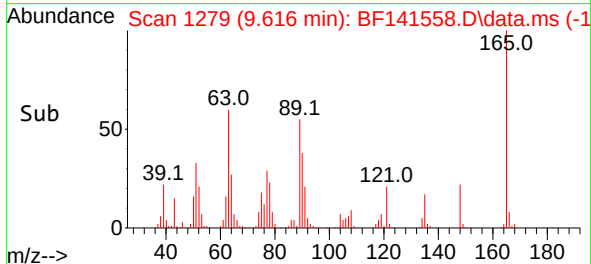
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:165 Resp: 13654
Ion Ratio Lower Upper
165 100
63 60.3 49.4 74.0
89 55.2 46.5 69.7

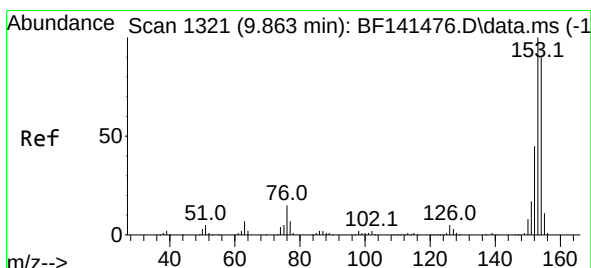
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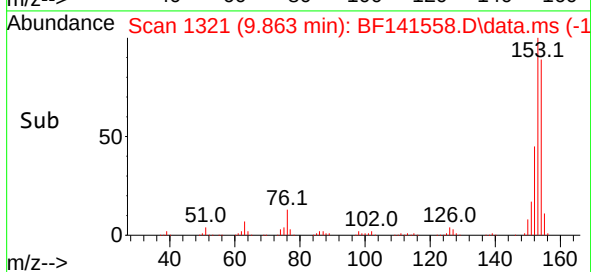
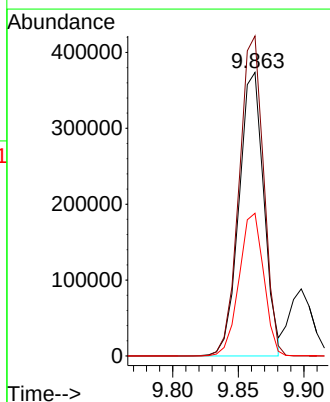
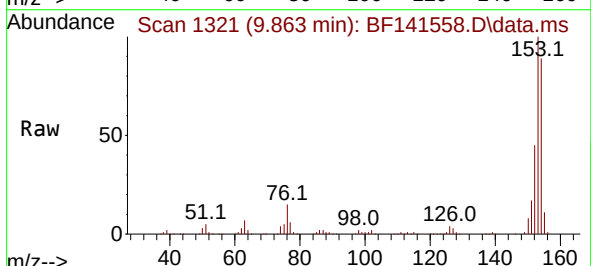
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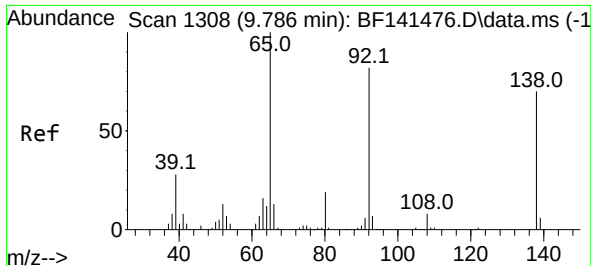
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#52
Acenaphthene
Concen: 40.897 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:154 Resp: 492909
Ion Ratio Lower Upper
154 100
153 112.9 89.2 133.8
152 50.3 39.8 59.8





#53
3-Nitroaniline
Concen: 24.749 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

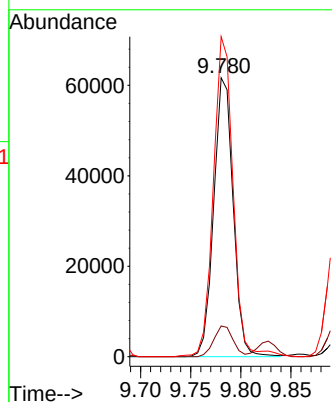
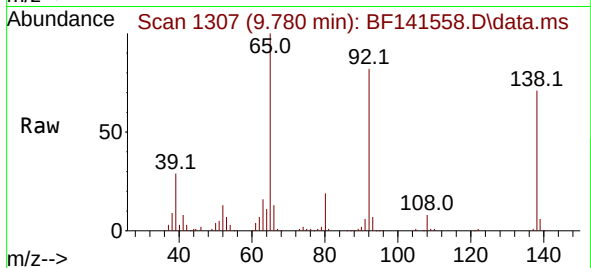
ClientSampleId :

PB166610BS

Tgt Ion:138 Resp: 8311
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 114.7 93.7 140.5

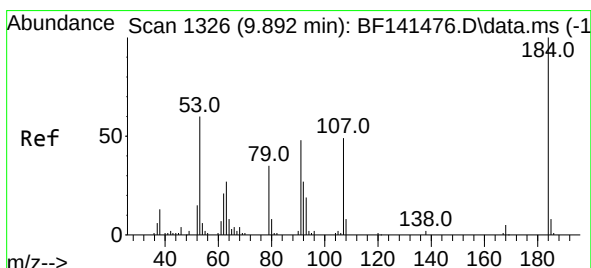
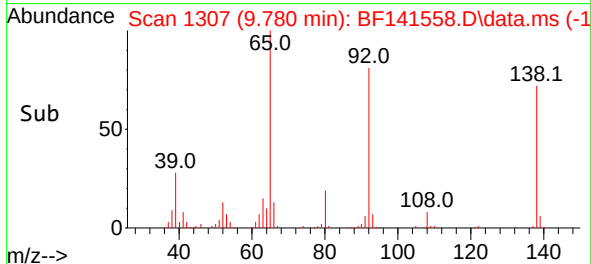
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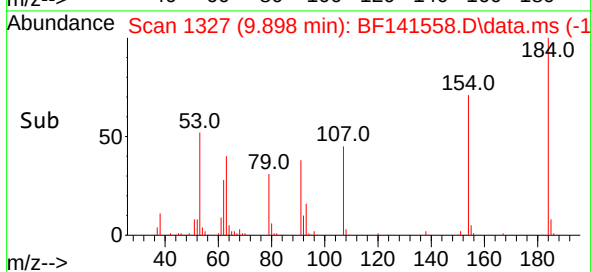
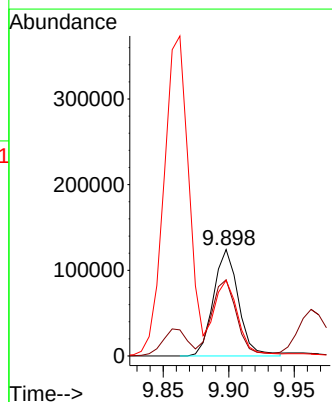
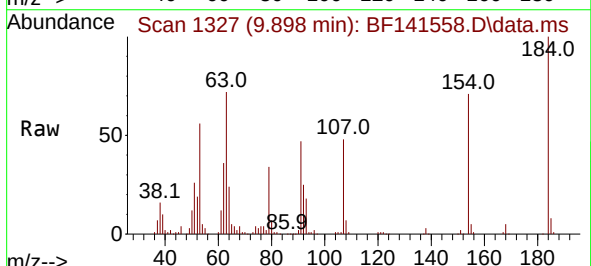
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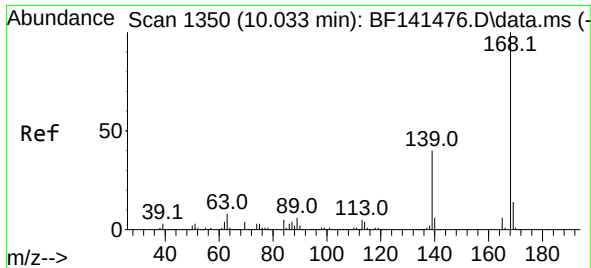
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#54
2,4-Dinitrophenol
Concen: 89.005 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

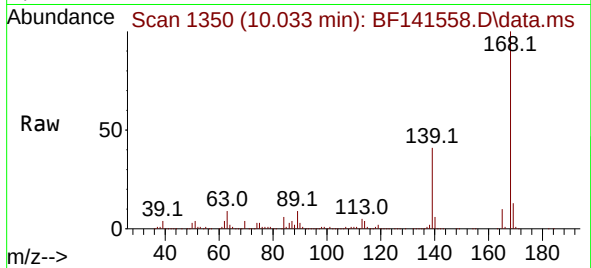
Tgt Ion:184 Resp: 165048
Ion Ratio Lower Upper
184 100
63 71.6 61.0 91.6
154 71.2 59.9 89.9





#55
Dibenzenofuran
Concen: 40.546 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

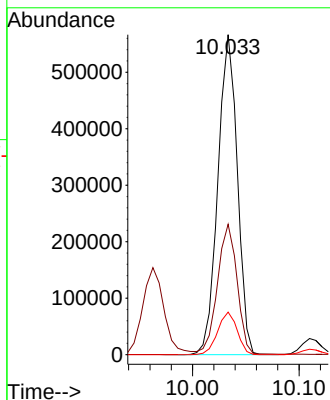
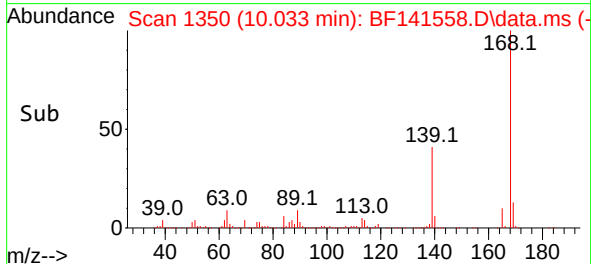
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:168 Resp: 717285
Ion Ratio Lower Upper
168 100
139 40.8 32.7 49.1
169 13.3 10.8 16.2

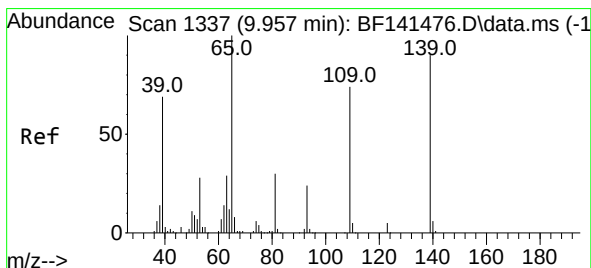
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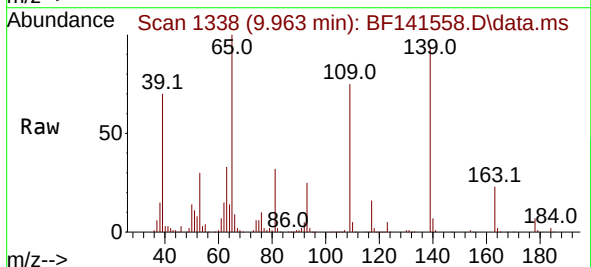


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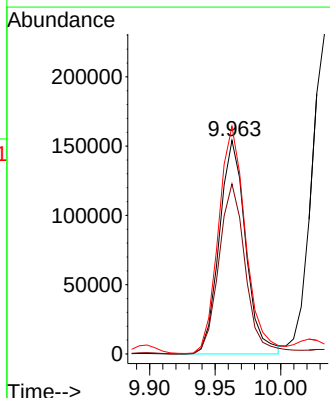
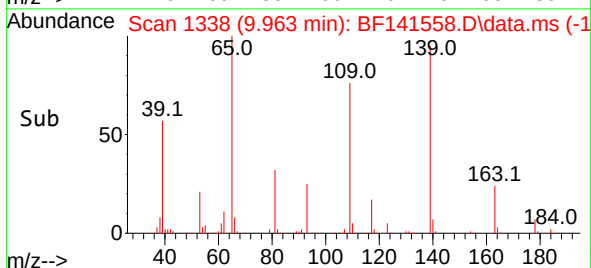
02/12/2025

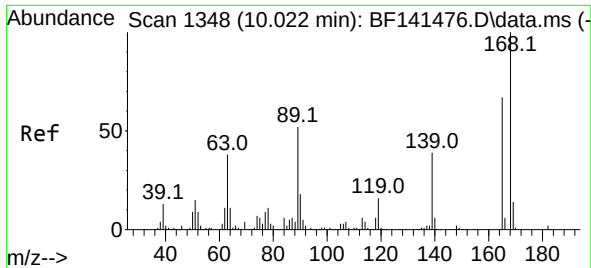


#56
4-Nitrophenol
Concen: 86.132 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



Tgt Ion:139 Resp: 214717
Ion Ratio Lower Upper
139 100
109 79.7 62.0 102.0
65 106.6 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 44.097 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

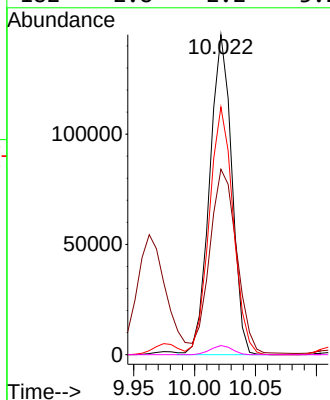
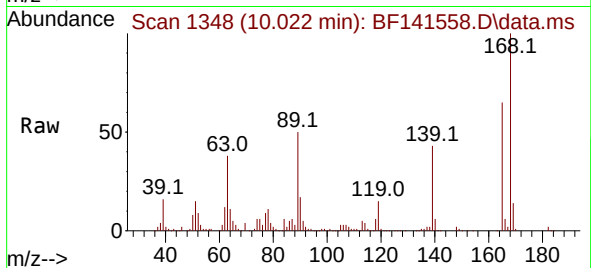
PB166610BS

Tgt Ion:165 Resp: 183162
Ion Ratio Lower Upper
165 100
63 57.9 46.4 69.6
89 77.4 61.8 92.6
182 2.8 2.2 3.2

Manual Integrations

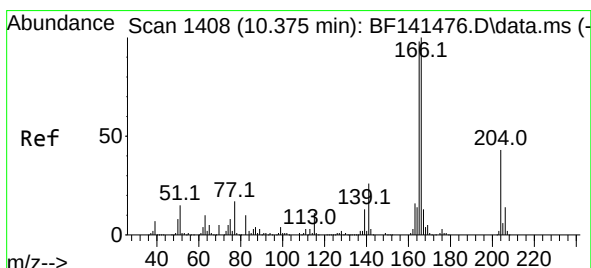
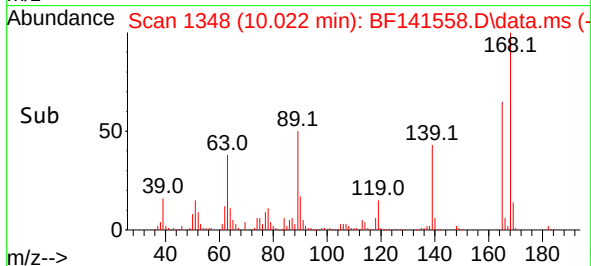
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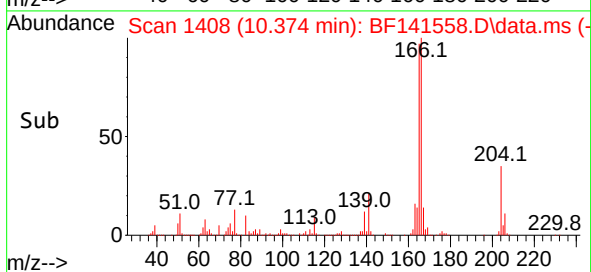
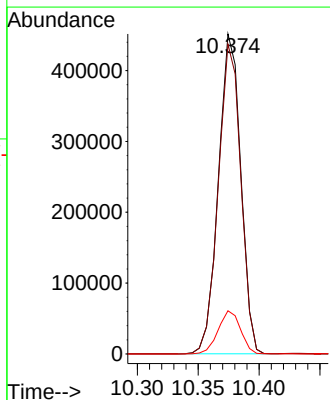
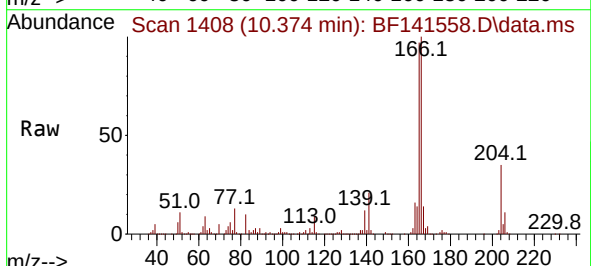
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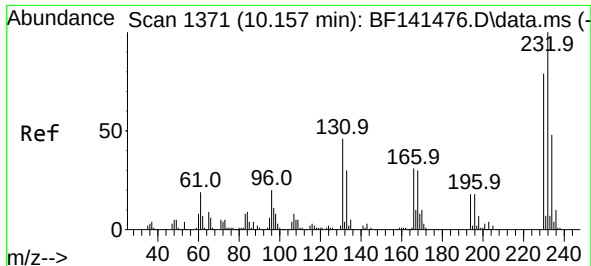
02/12/2025



#58
Fluorene
Concen: 42.178 ng
RT: 10.374 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

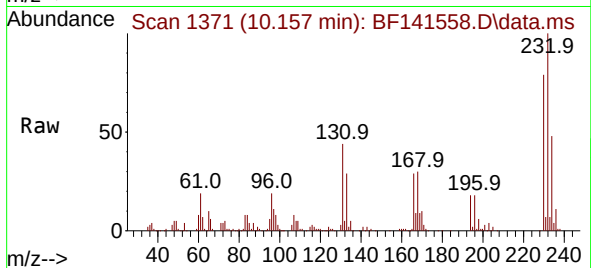
Tgt Ion:166 Resp: 576936
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.2
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.182 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

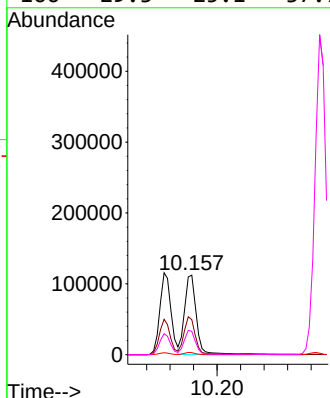
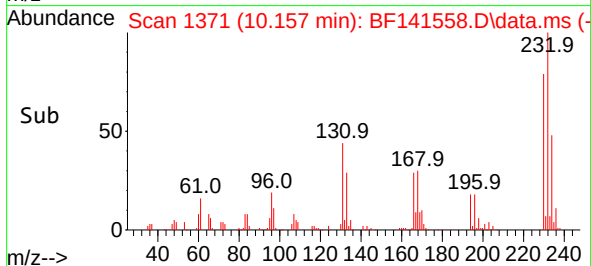
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:232 Resp: 154729
Ion Ratio Lower Upper
232 100
131 46.1 39.2 58.8
130 2.6 2.1 3.1
166 29.3 25.1 37.7

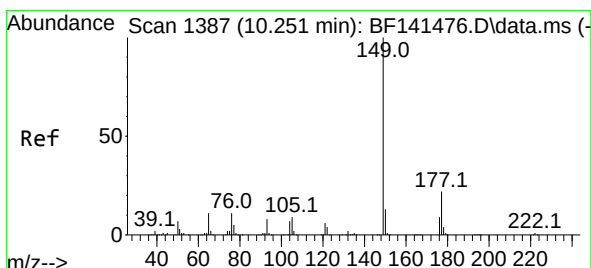
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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

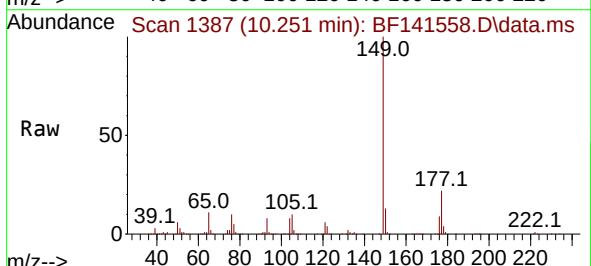


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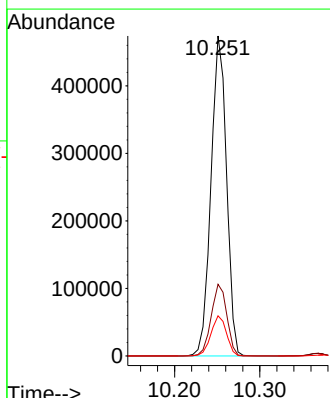
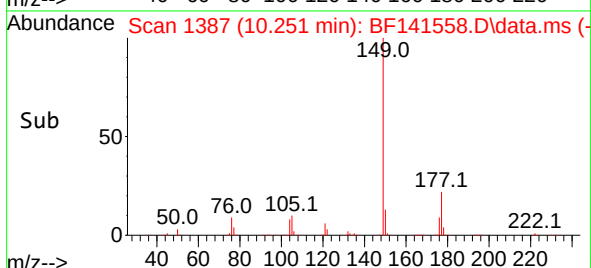
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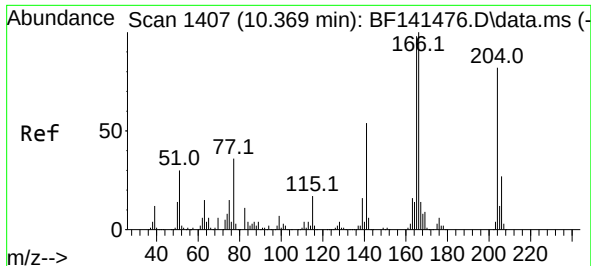


#60
Diethylphthalate
Concen: 42.743 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



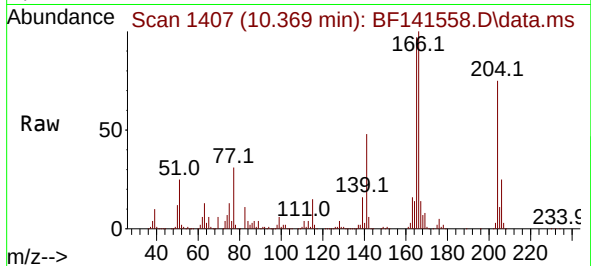
Tgt Ion:149 Resp: 600229
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.876 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

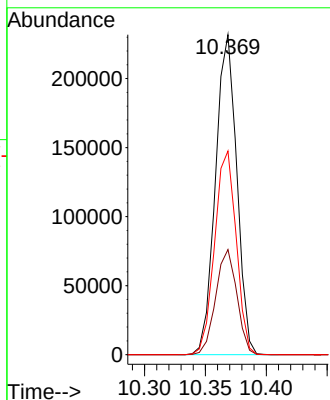
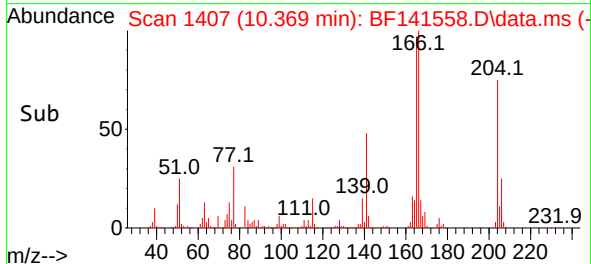
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:204 Resp: 282150
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 63.6 51.9 77.9

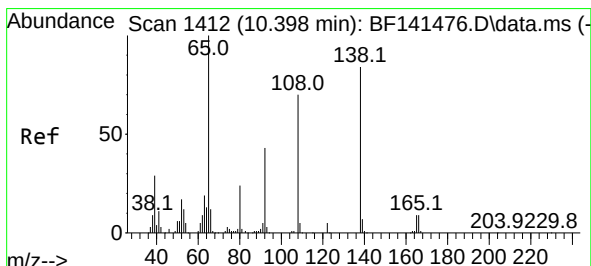
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Supervised By :mohammad ahmed 02/12/2025



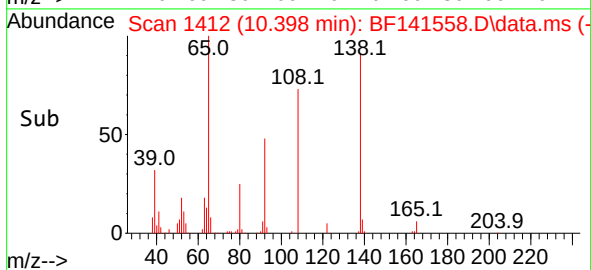
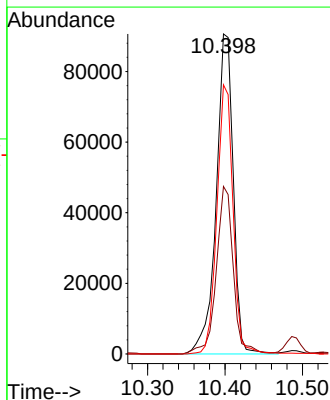
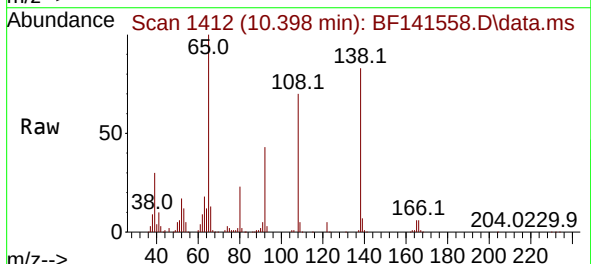
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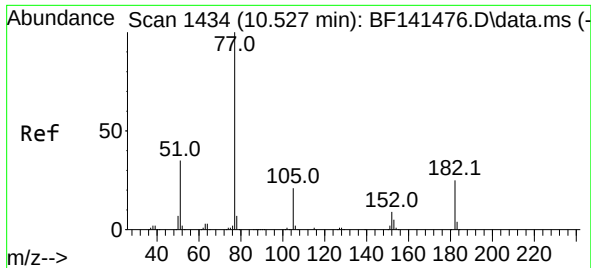
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#62
4-Nitroaniline
Concen: 40.734 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

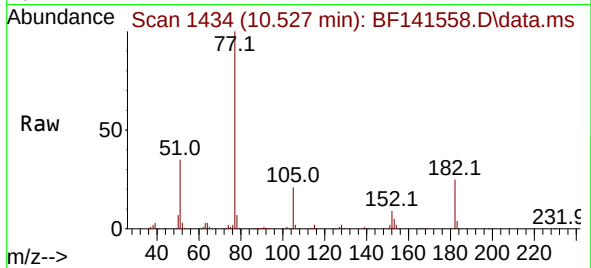
Tgt Ion:138 Resp: 138900
Ion Ratio Lower Upper
138 100
92 52.4 31.3 71.3
108 84.1 63.7 103.7





#63
Azobenzene
Concen: 41.734 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

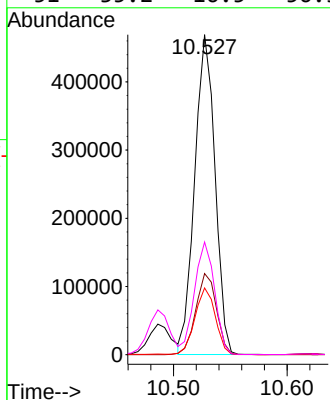
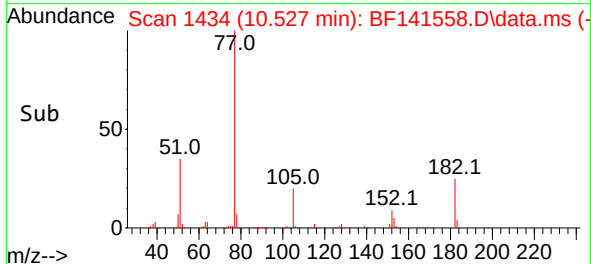
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion: 77 Resp: 58261
Ion Ratio Lower Upper
77 100
182 25.3 4.7 44.7
105 20.9 0.4 40.4
51 35.2 16.5 56.5

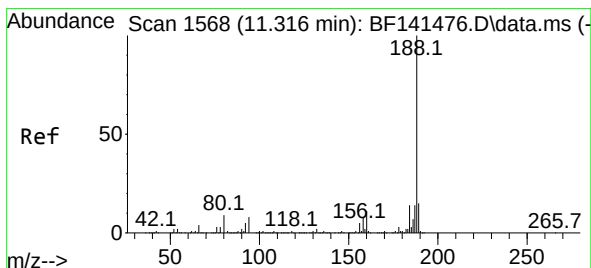
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Supervised By :mohammad ahmed 02/12/2025

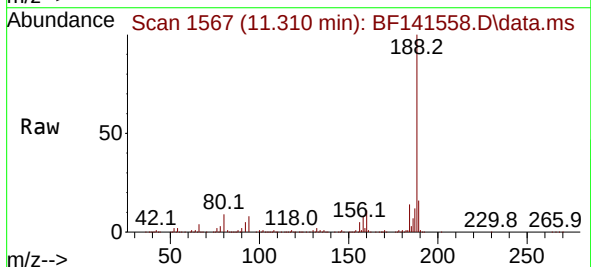


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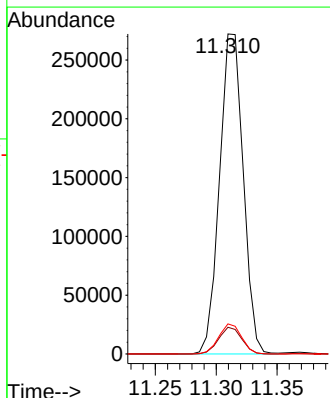
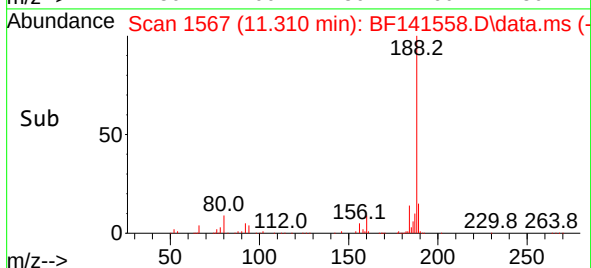
02/12/2025

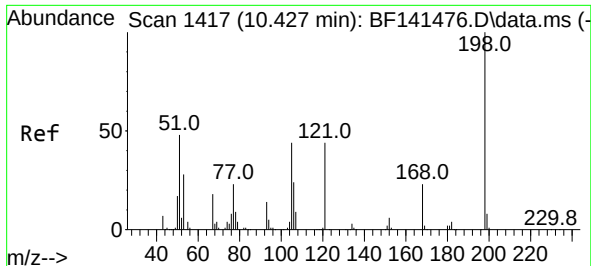


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



Tgt Ion:188 Resp: 369028
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.4 7.3 10.9





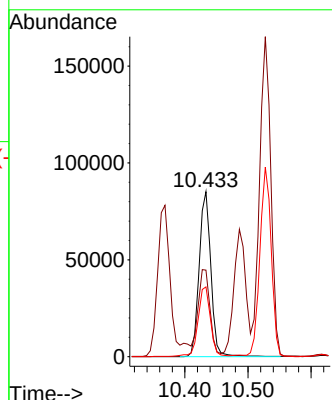
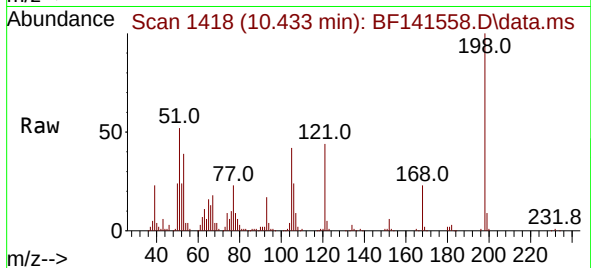
#65
4,6-Dinitro-2-methylphenol
Concen: 42.842 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :
BNA_F
ClientSampleId :
PB166610BS

Tgt Ion:198 Resp: 109825
Ion Ratio Lower Upper
198 100
51 52.5 37.4 77.4
105 42.3 25.2 65.2

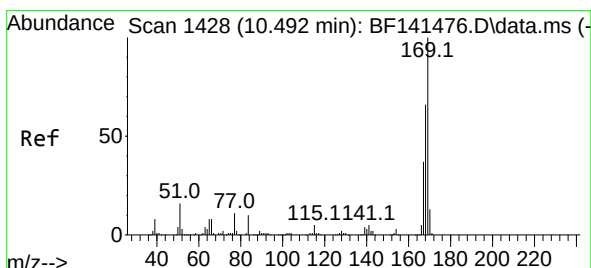
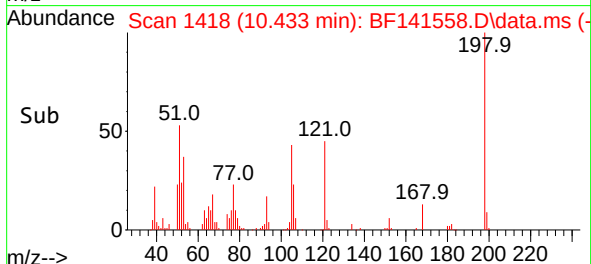
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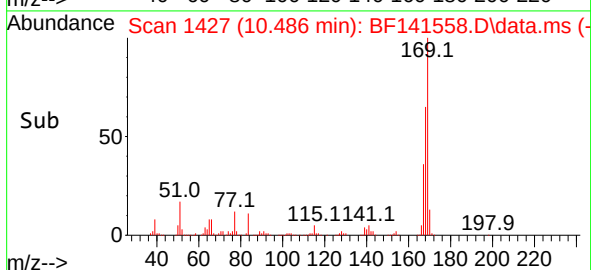
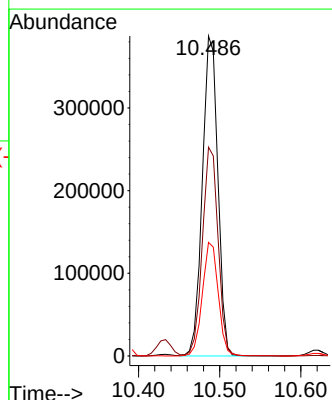
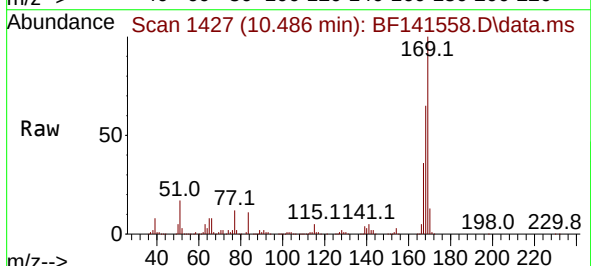
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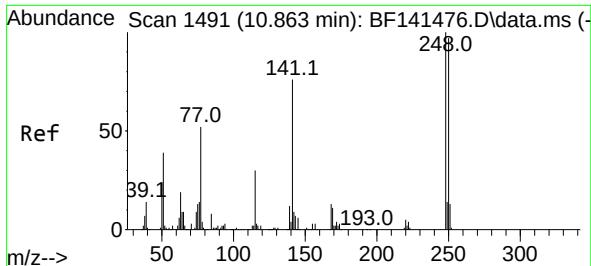
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#66
n-Nitrosodiphenylamine
Concen: 43.343 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:169 Resp: 512014
Ion Ratio Lower Upper
169 100
168 65.2 53.3 79.9
167 35.5 29.4 44.2





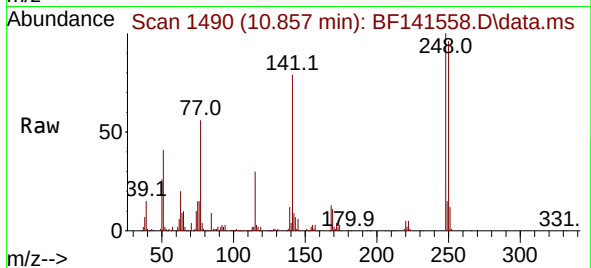
#67
4-Bromophenyl-phenylether
Concen: 43.438 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

PB166610BS

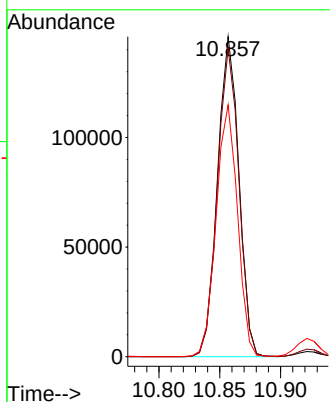
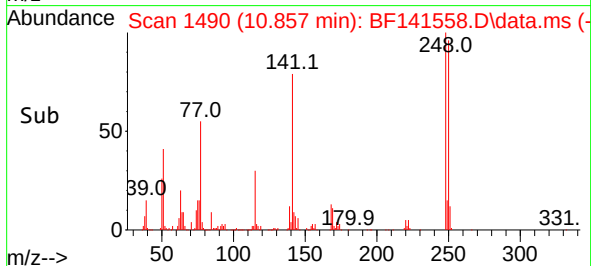


Tgt Ion:248 Resp: 179150
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 78.7 60.6 90.8

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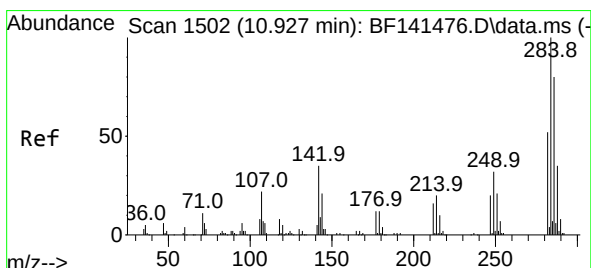
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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

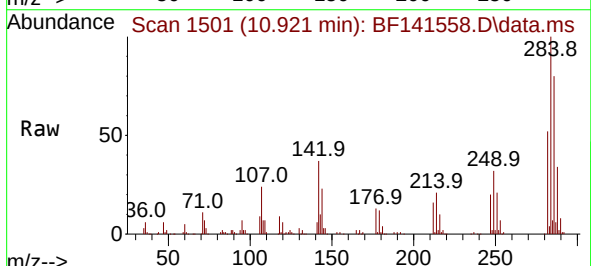


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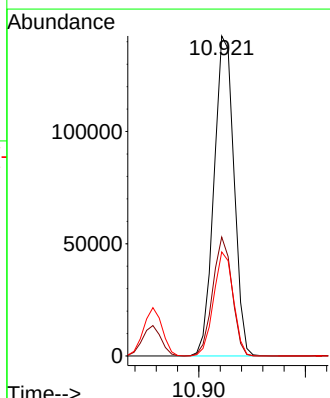
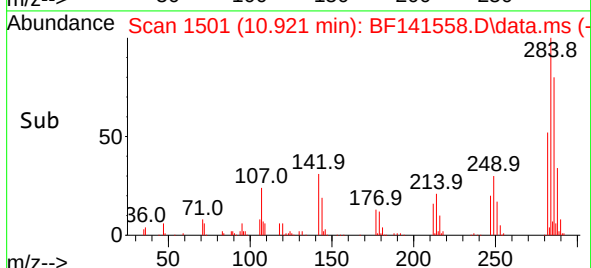
02/12/2025

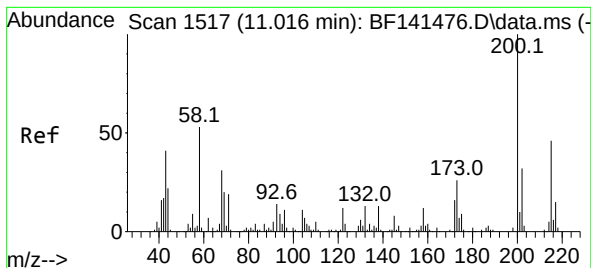


#68
Hexachlorobenzene
Concen: 43.604 ng
RT: 10.921 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



Tgt Ion:284 Resp: 185184
Ion Ratio Lower Upper
284 100
142 37.2 28.0 42.0
249 32.5 25.8 38.8





#69

Atrazine

Concen: 56.052 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

PB166610BS

Tgt Ion:200 Resp: 19864

Ion Ratio Lower Upper

200 100

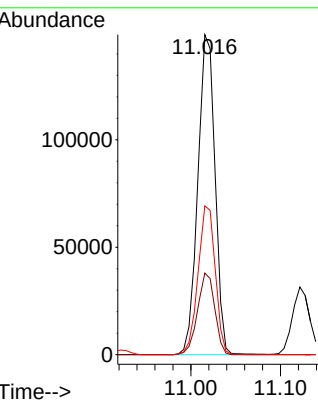
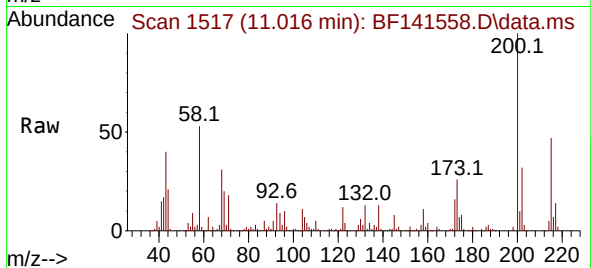
173 25.5 5.9 45.9

215 46.5 25.9 65.9

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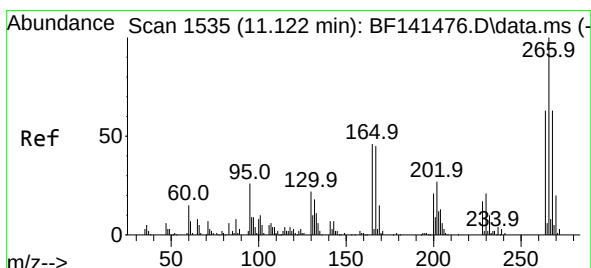
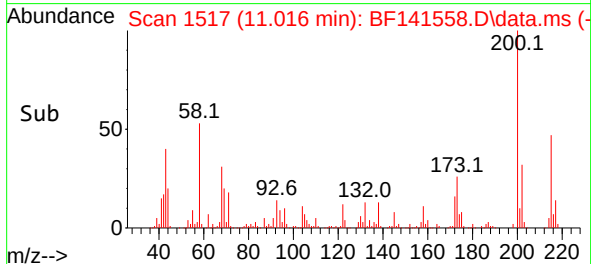
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ahmed

02/12/2025



#70

Pentachlorophenol

Concen: 81.128 ng

RT: 11.121 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

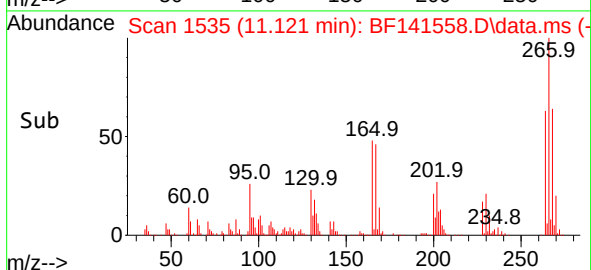
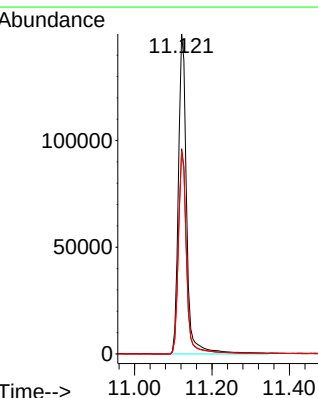
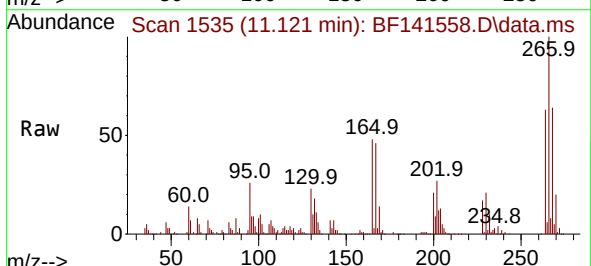
Tgt Ion:266 Resp: 220312

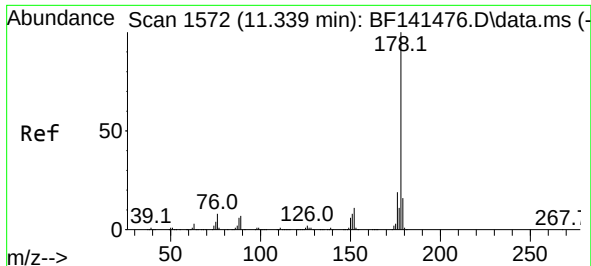
Ion Ratio Lower Upper

266 100

268 64.2 50.1 75.1

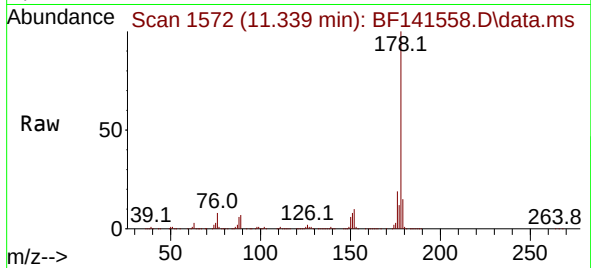
264 63.2 50.1 75.1





#71
Phenanthrene
Concen: 42.819 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

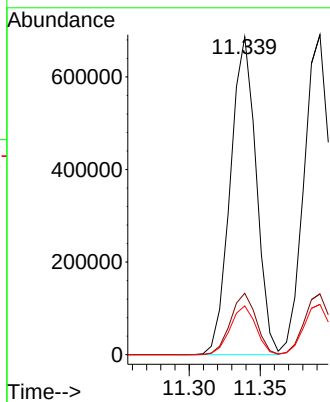
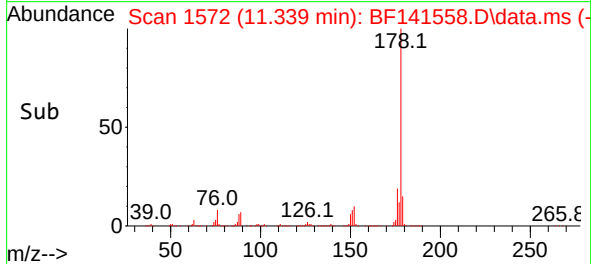
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:178 Resp: 869794
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.4 18.6

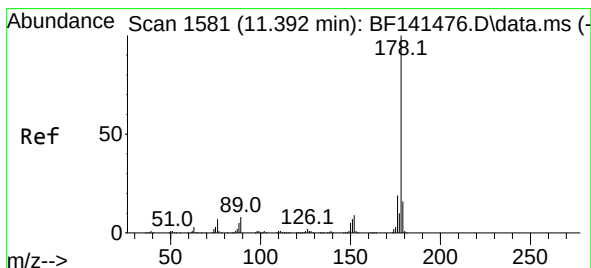
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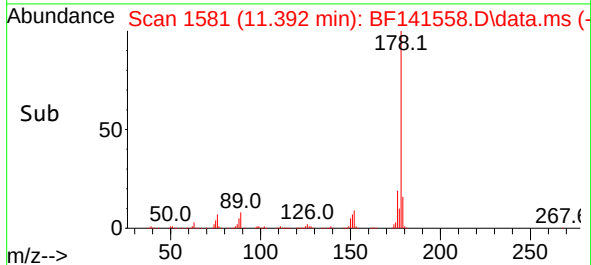
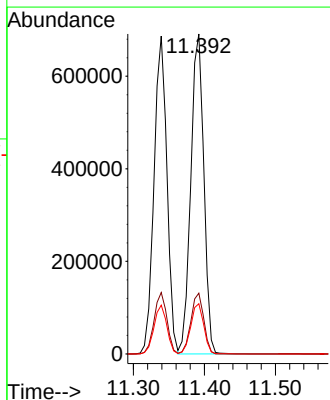
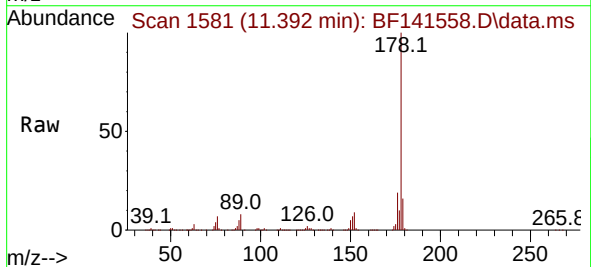
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ahmed

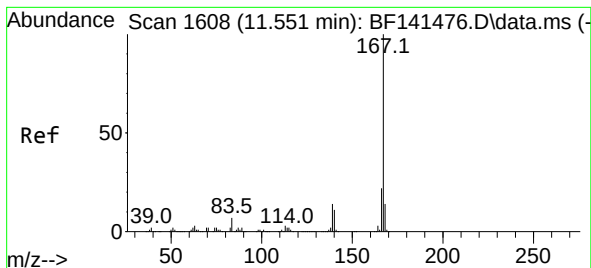
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#72
Anthracene
Concen: 43.122 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:178 Resp: 880546
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.7 12.4 18.6





#73

Carbazole

Concen: 42.269 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

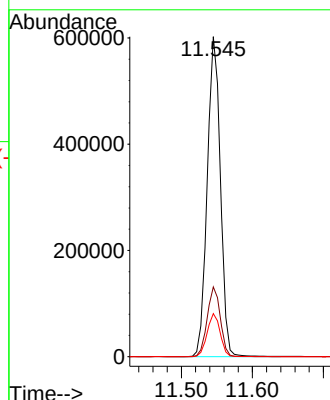
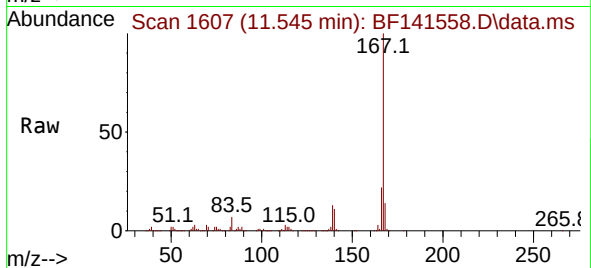
PB166610BS

Tgt Ion:167	Resp: 77662
Ion Ratio	Lower Upper
167 100	
166 21.8	17.4 26.2
139 13.5	10.9 16.3

Manual Integrations

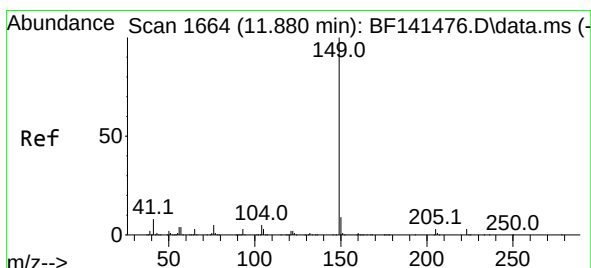
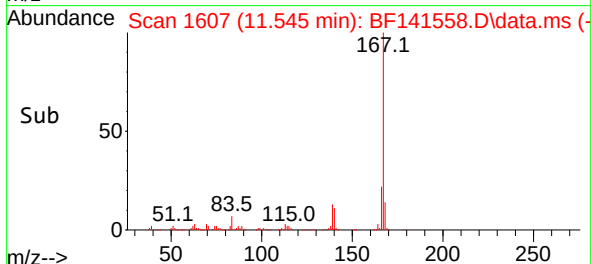
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Supervised By :mohammad ahmed 02/12/2025



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Supervised By :mohammad
ahmed

02/12/2025



#74

Di-n-butylphthalate

Concen: 43.768 ng

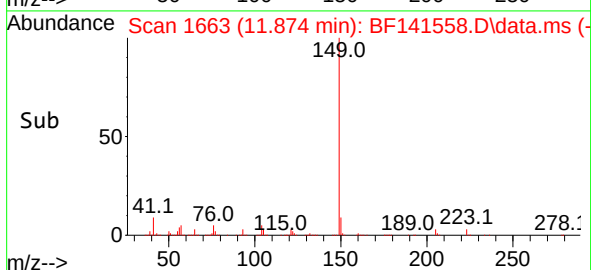
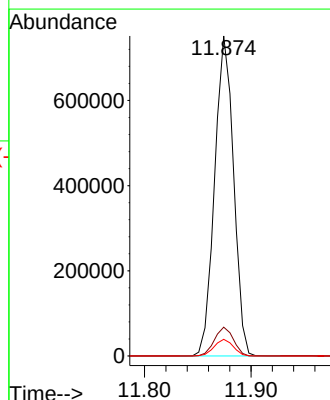
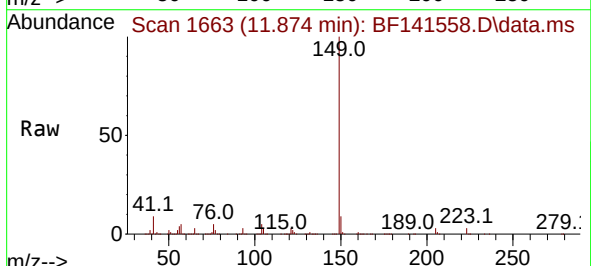
RT: 11.874 min Scan# 1663

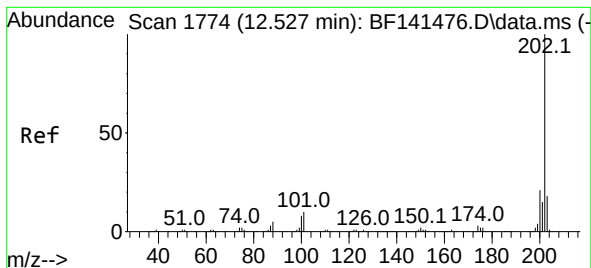
Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

Tgt Ion:149	Resp: 928548
Ion Ratio	Lower Upper
149 100	
150 9.0	7.4 11.0
104 5.2	4.2 6.2





#75

Fluoranthene

Concen: 42.218 ng

RT: 12.527 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

PB166610BS

Tgt Ion:202 Resp: 909208

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

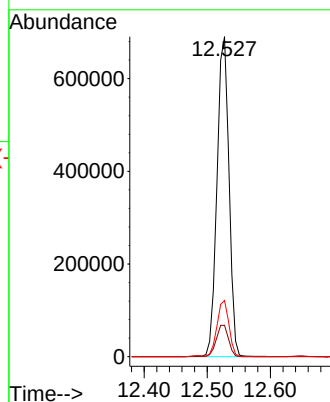
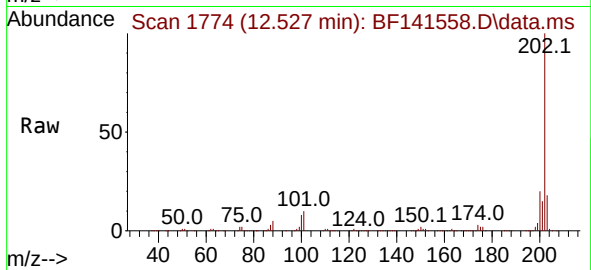
203 17.6 0.0 37.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/11/2025

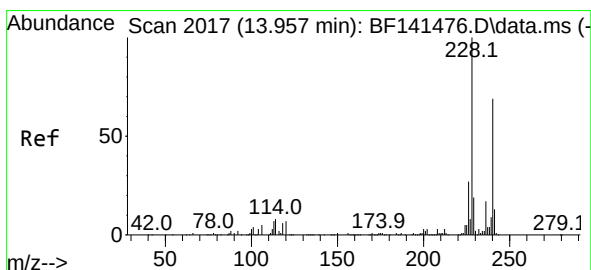
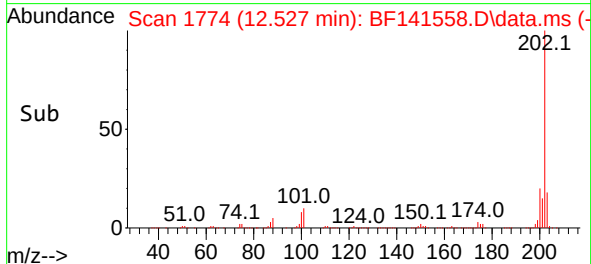
Supervised By :mohammad ahmed 02/12/2025



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ahmed

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

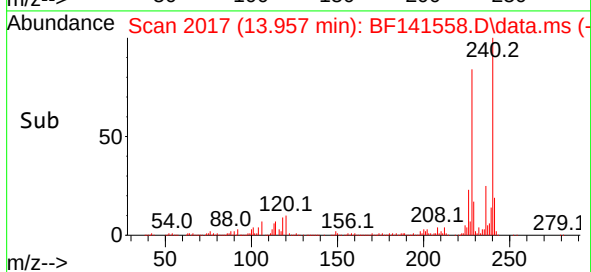
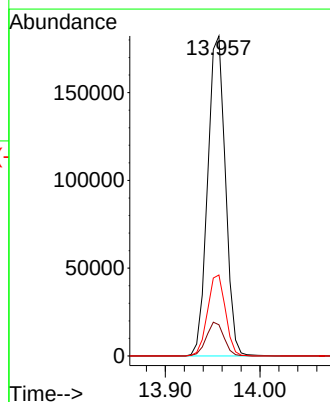
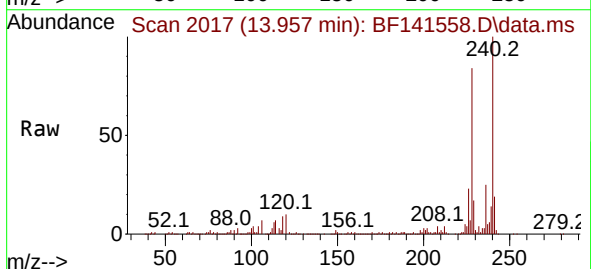
Tgt Ion:240 Resp: 237305

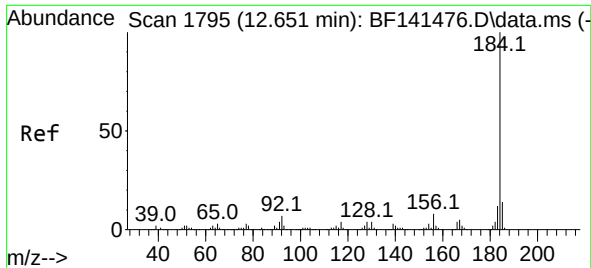
Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

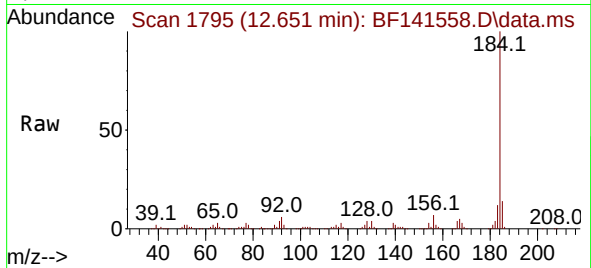
236 25.3 19.8 29.8





#77
Benzidine
Concen: 59.221 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

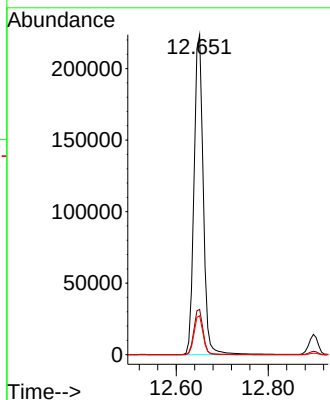
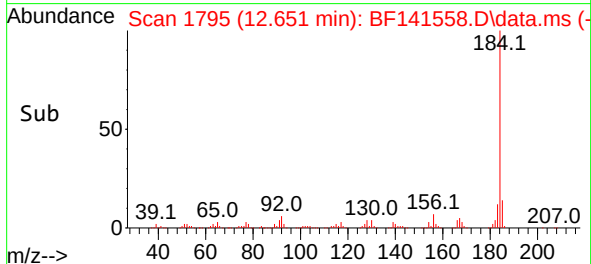
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:184 Resp: 309939
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.1 9.3 13.9

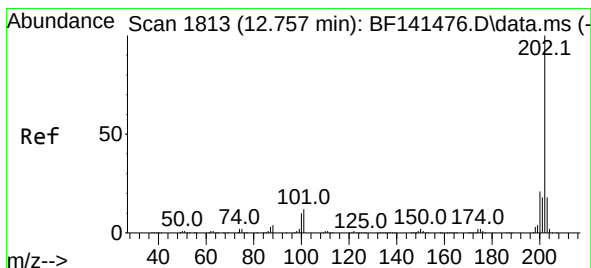
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Supervised By :mohammad ahmed 02/12/2025

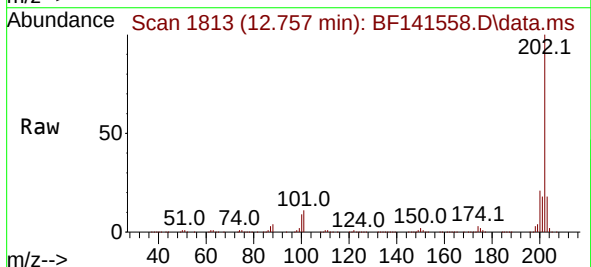


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ahmed

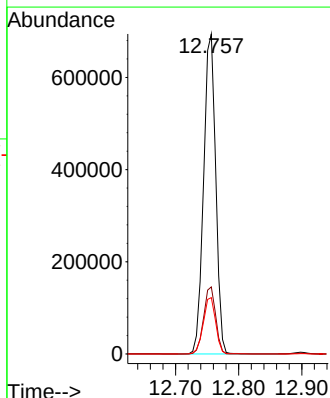
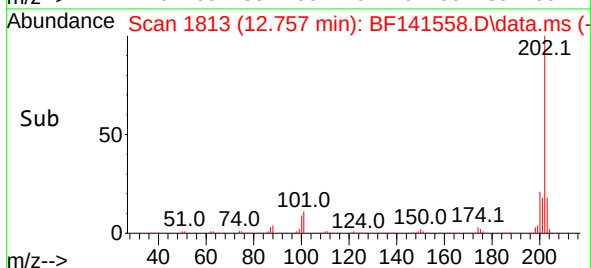
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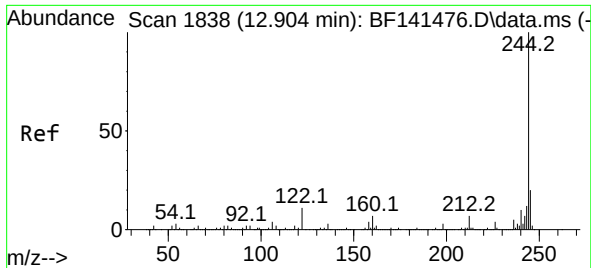


#78
Pyrene
Concen: 45.737 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



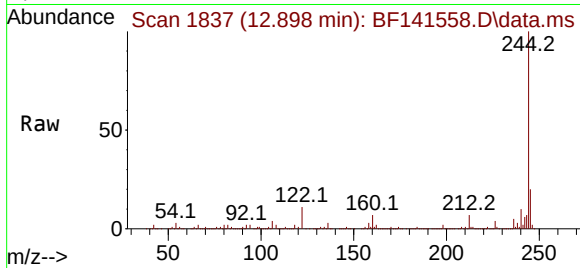
Tgt Ion:202 Resp: 923946
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.6 14.3 21.5





#79
Terphenyl-d14
Concen: 101.254 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

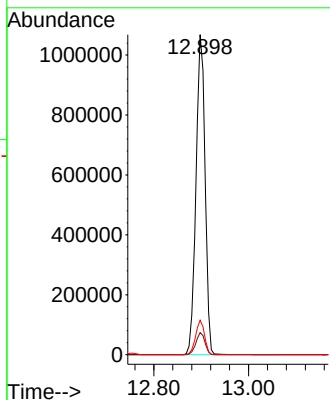
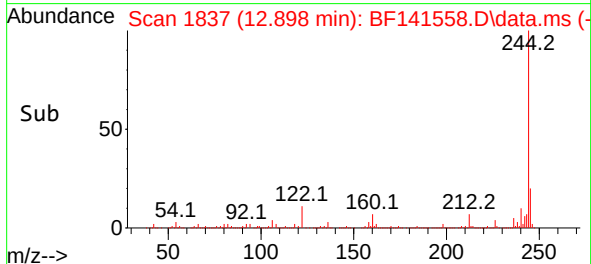
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:244 Resp: 1423318
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.7 8.4 12.6

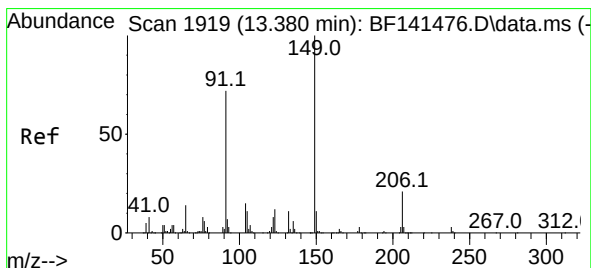
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

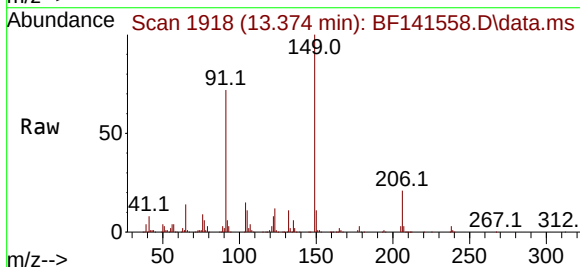


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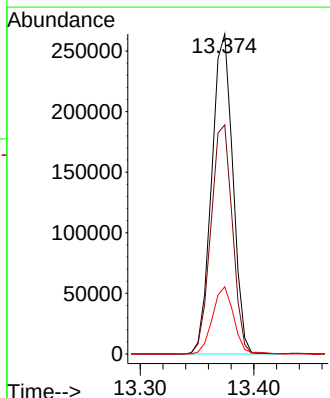
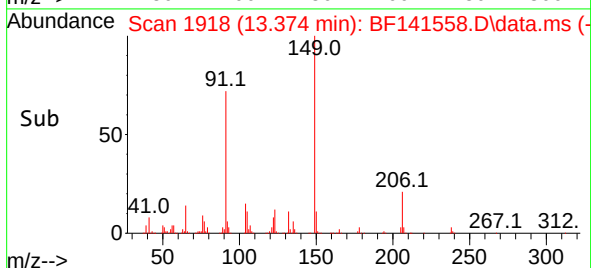
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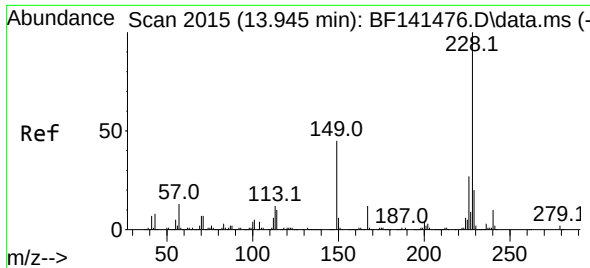


#80
Butylbenzylphthalate
Concen: 48.801 ng
RT: 13.374 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



Tgt Ion:149 Resp: 341465
Ion Ratio Lower Upper
149 100
91 71.6 57.8 86.8
206 21.0 16.7 25.1





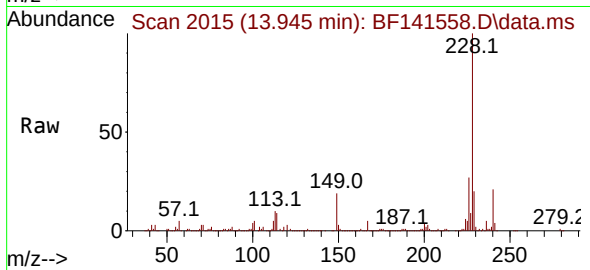
#81
Benzo(a)anthracene
Concen: 43.808 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

PB166610BS

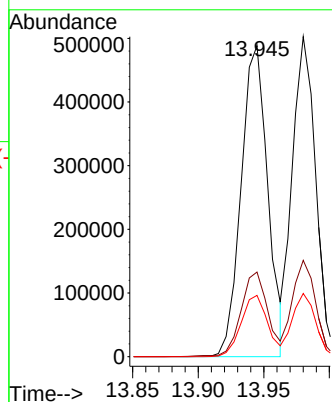
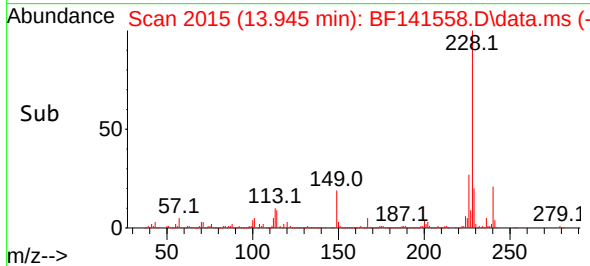


Tgt Ion:228 Resp: 691044
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

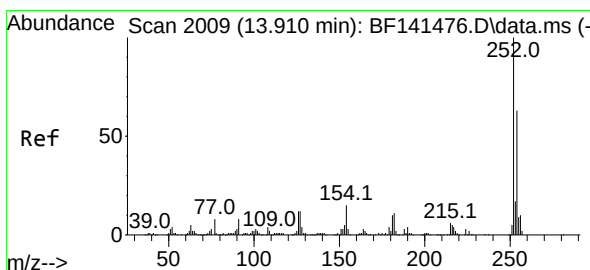
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Supervised By :mohammad ahmed 02/12/2025

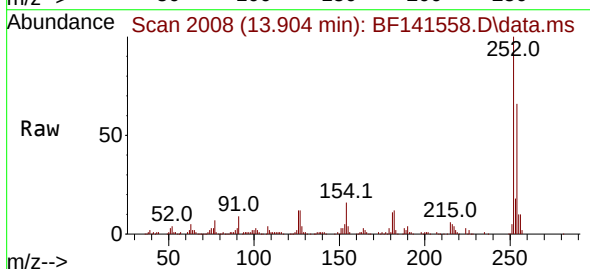


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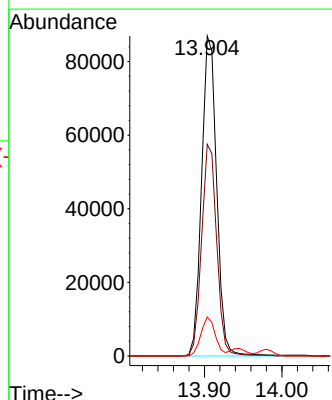
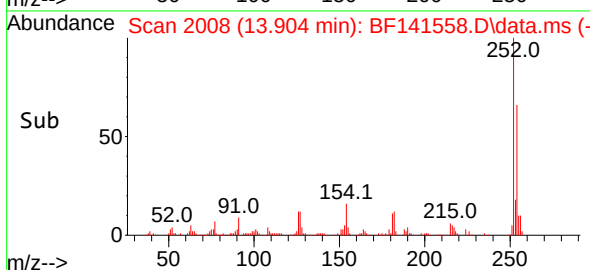
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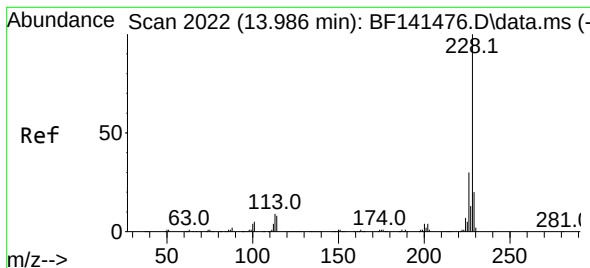


#82
3,3'-Dichlorobenzidine
Concen: 26.019 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



Tgt Ion:252 Resp: 117570
Ion Ratio Lower Upper
252 100
254 66.2 50.6 76.0
126 12.2 9.3 13.9





#83

Chrysene

Concen: 42.623 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141558.D

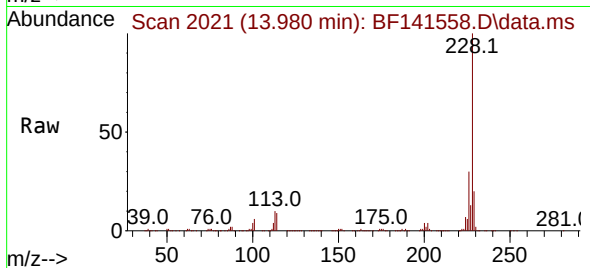
Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

PB166610BS

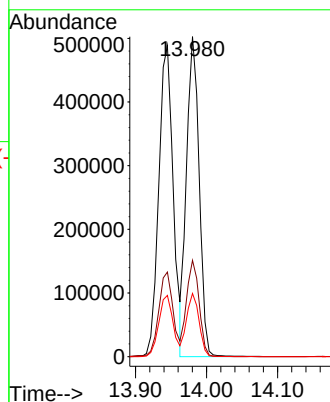
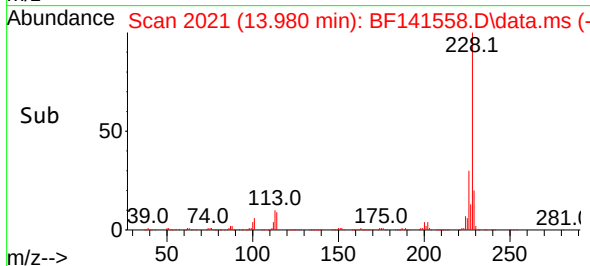


Tgt Ion:	228	Resp:	62081
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.0	36.0
229	19.7	15.7	23.5

Manual Integrations

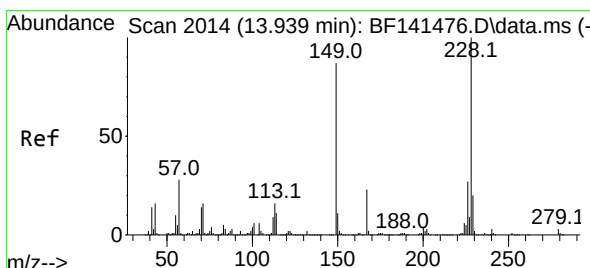
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#84

Bis(2-ethylhexyl)phthalate

Concen: 50.602 ng

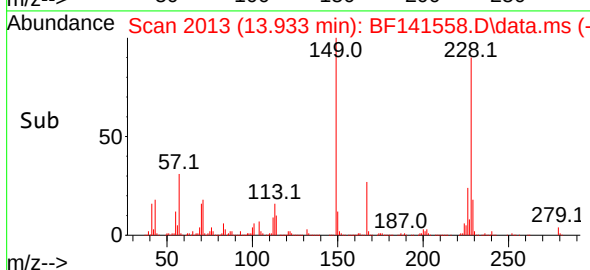
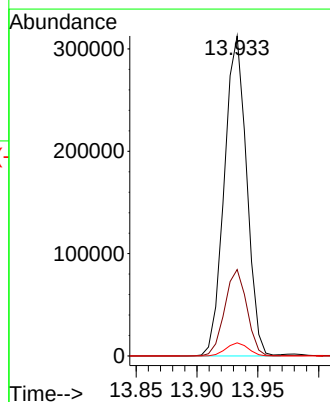
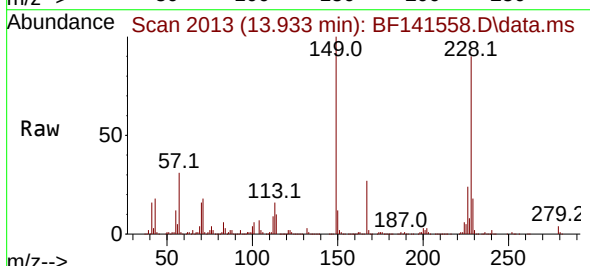
RT: 13.933 min Scan# 2013

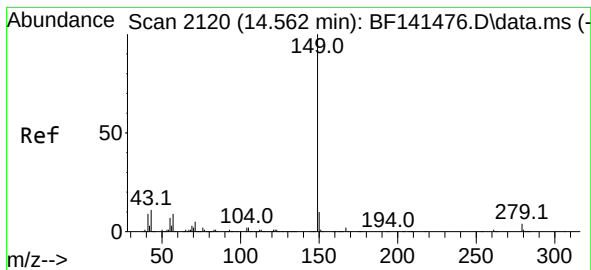
Delta R.T. -0.006 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

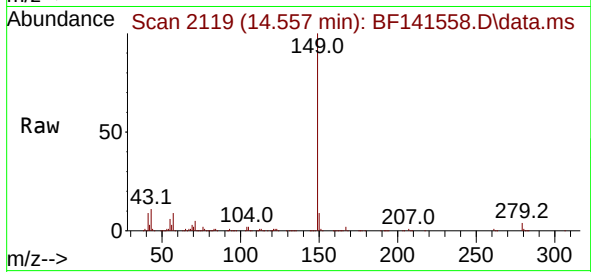
Tgt Ion:	149	Resp:	399334
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.4	32.0
279	4.1	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 47.163 ng
RT: 14.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

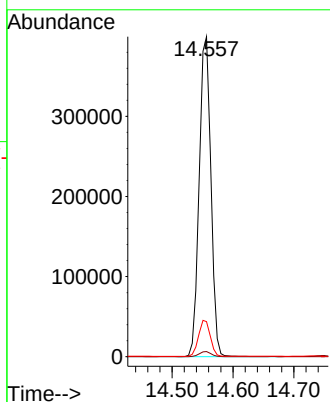
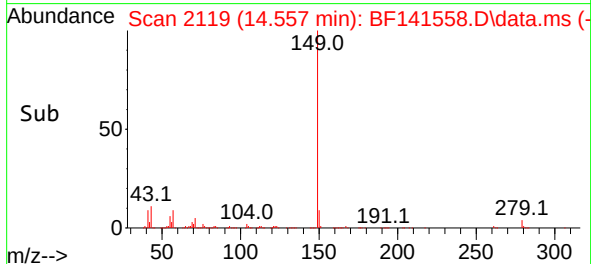
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:149 Resp: 530960
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.3 9.5 14.3

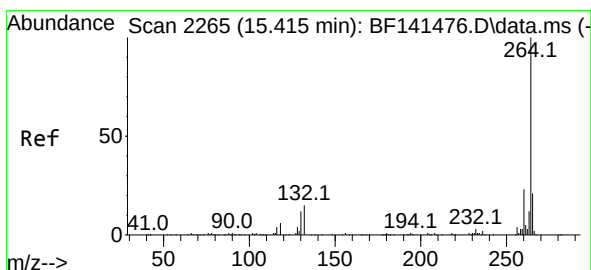
Manual Integrations
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Supervised By :mohammad ahmed 02/12/2025



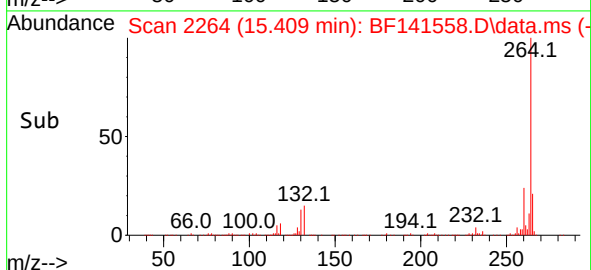
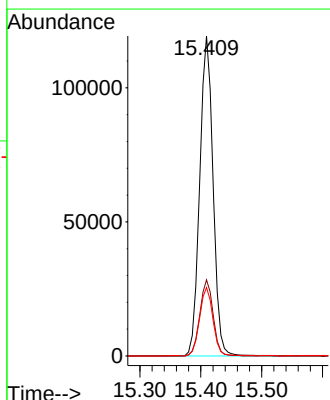
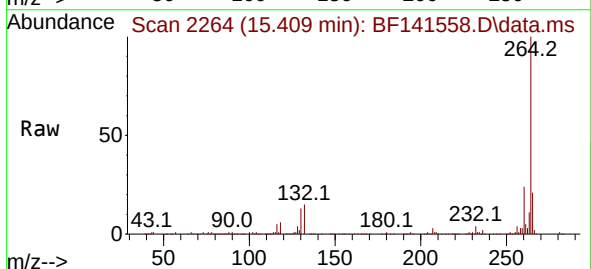
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ahmed

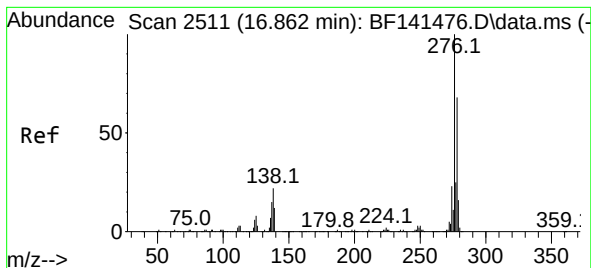
02/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:264 Resp: 181120
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.157 ng

RT: 16.856 min Scan# 2193

Delta R.T. -0.018 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

Instrument :

BNA_F

ClientSampleId :

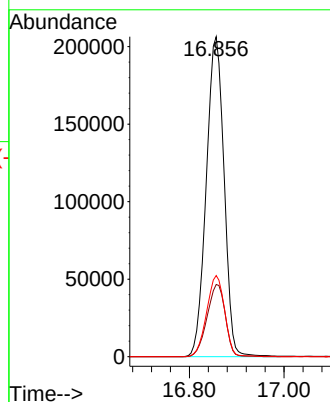
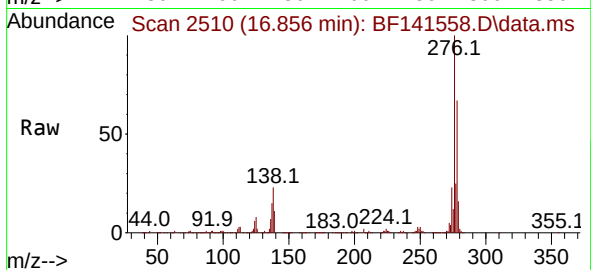
PB166610BS

Tgt Ion:	276	Resp:	53893
Ion Ratio	Lower	Upper	
276	100		
138	23.1	18.0	27.0
277	25.6	20.4	30.6

Manual Integrations

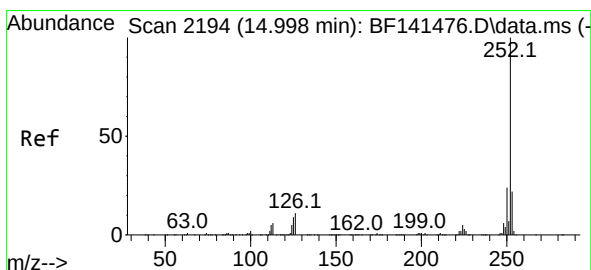
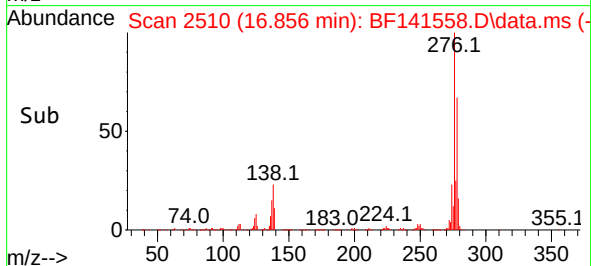
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Supervised By :mohammad ahmed 02/12/2025



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#88

Benzo(b)fluoranthene

Concen: 40.026 ng

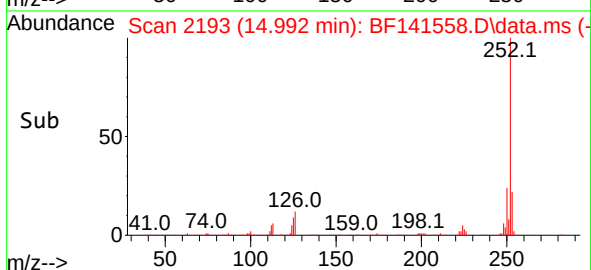
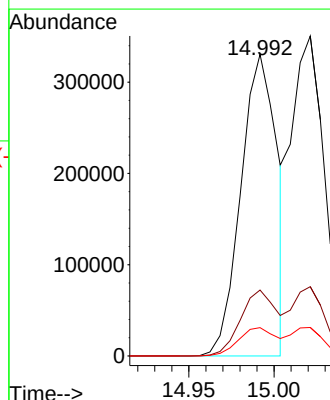
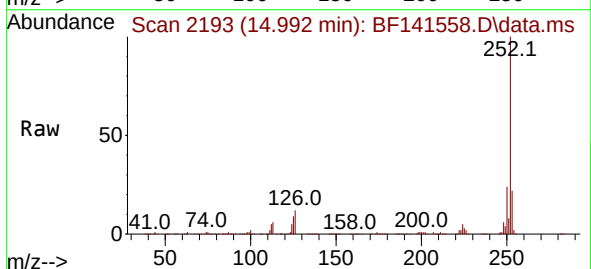
RT: 14.992 min Scan# 2193

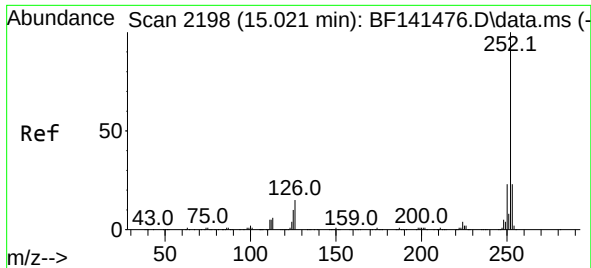
Delta R.T. -0.012 min

Lab File: BF141558.D

Acq: 11 Feb 2025 13:32

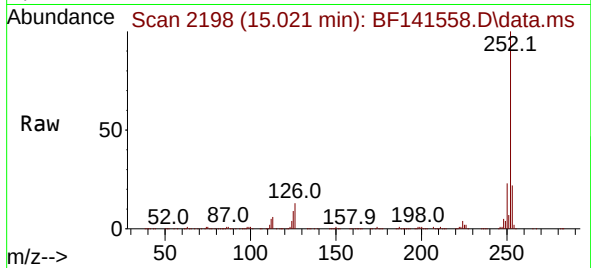
Tgt Ion:	252	Resp:	486764
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	9.4	7.0	10.6





#89
Benzo(k)fluoranthene
Concen: 45.629 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

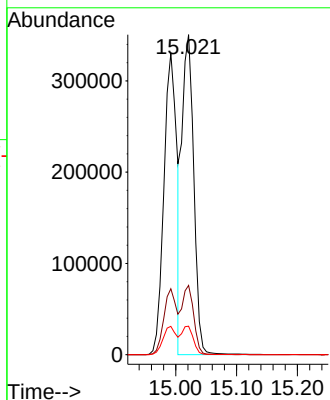
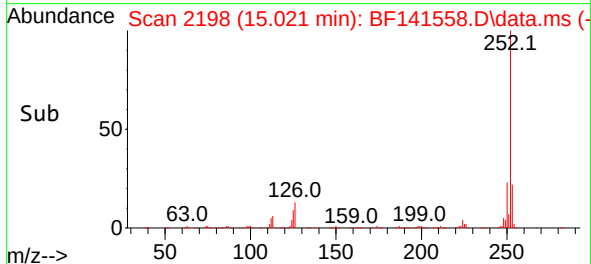
Instrument :
BNA_F
ClientSampleId :
PB166610BS



Tgt Ion:252 Resp: 47384
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 8.9 7.4 11.0

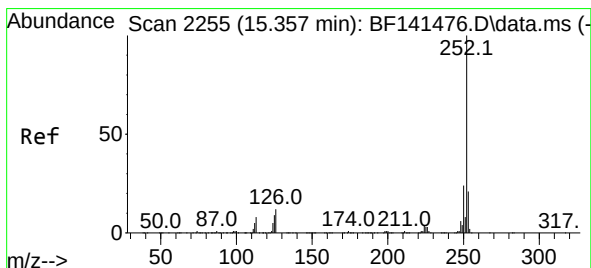
Manual Integrations
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Supervised By :mohammad ahmed 02/12/2025

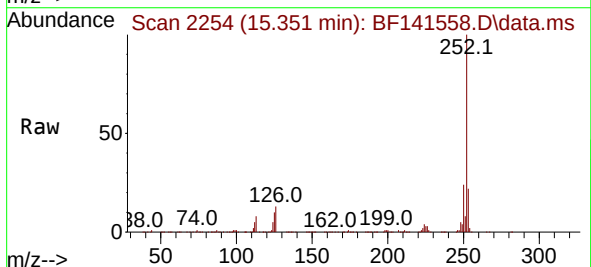


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Supervised By :mohammad
ahmed

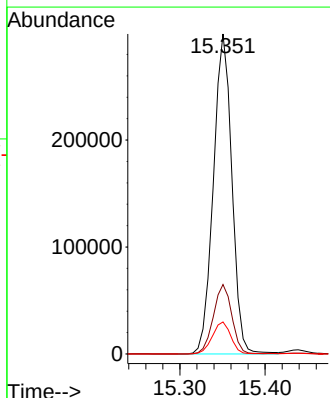
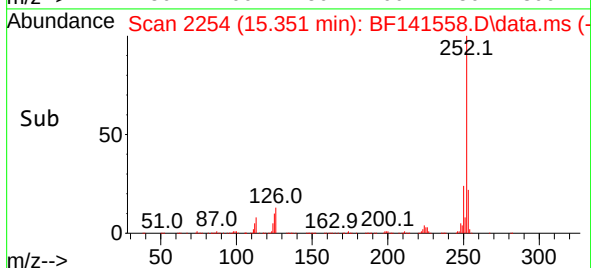
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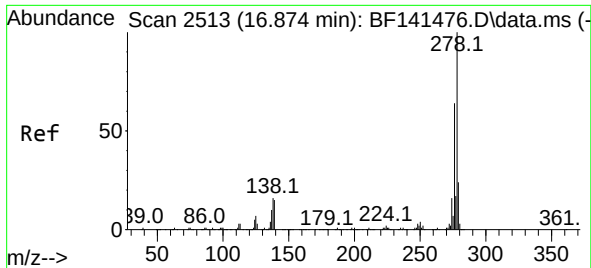


#90
Benzo(a)pyrene
Concen: 45.883 ng
RT: 15.351 min Scan# 2254
Delta R.T. -0.012 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32



Tgt Ion:252 Resp: 451515
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.0 7.4 11.2





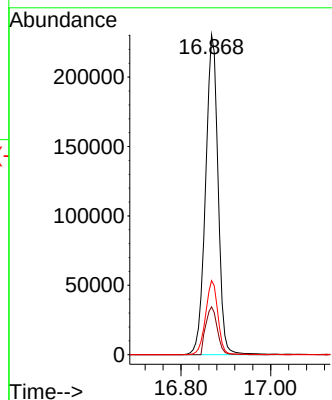
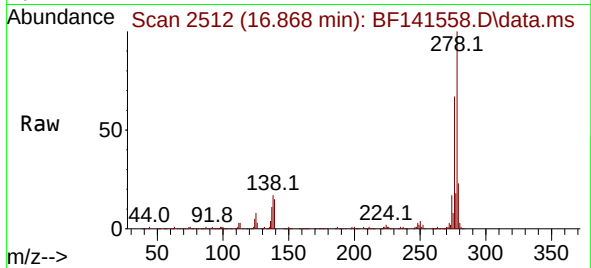
#91
Dibenzo(a,h)anthracene
Concen: 49.128 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.024 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Instrument :
BNA_F
ClientSampleId :
PB166610BS

Tgt Ion:278 Resp: 44550
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.6
279 23.2 19.1 28.7

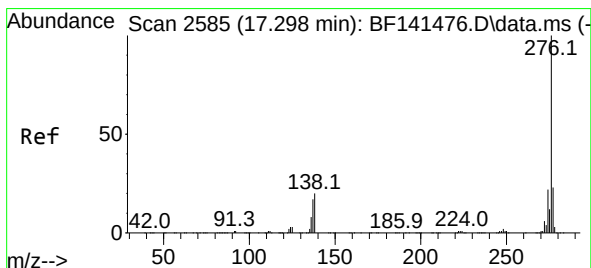
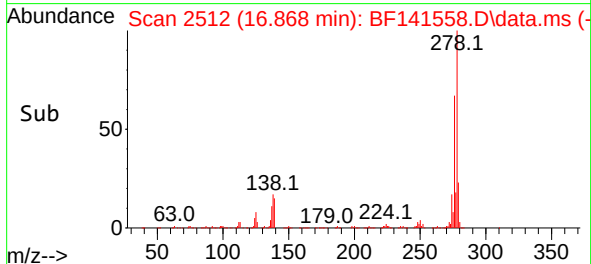
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



02/11/2025
Supervised By :mohammad
ahmed

02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 45.258 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141558.D
Acq: 11 Feb 2025 13:32

Tgt Ion:276 Resp: 429473
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 19.9 15.9 23.9

