

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138858.D
 Acq On : 08 Aug 2024 11:19
 Operator : RC/JU
 Sample : PB162396BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162396BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 08 12:41:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	50684	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	205625	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	113495	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	193771	20.000	ng	0.00
76) Chrysene-d12	13.998	240	94221	20.000	ng	0.00
86) Perylene-d12	15.457	264	86275	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	426672	129.949	ng	0.02
7) Phenol-d6	6.492	99	566845	128.586	ng	0.00
23) Nitrobenzene-d5	7.410	82	364494	86.665	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	129426	139.216	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	675306	89.400	ng	0.00
79) Terphenyl-d14	12.939	244	638139	113.395	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.728	88	44949	31.269	ng	95
3) Pyridine	3.469	79	115969	33.303	ng	96
4) n-Nitrosodimethylamine	3.440	42	103255	49.787	ng	85
6) Aniline	6.510	93	133438	33.942	ng	# 29
8) 2-Chlorophenol	6.634	128	165317	47.856	ng	96
9) Benzaldehyde	6.398	77	103285	39.085	ng	98
10) Phenol	6.504	94	222883	48.021	ng	83
11) bis(2-Chloroethyl)ether	6.581	93	151991	42.554	ng	99
12) 1,3-Dichlorobenzene	6.781	146	169140	43.741	ng	99
13) 1,4-Dichlorobenzene	6.857	146	173264	44.399	ng	100
14) 1,2-Dichlorobenzene	7.010	146	163691	44.883	ng	99
15) Benzyl Alcohol	6.992	79	155272	48.870	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	251019	40.838	ng	# 46
17) 2-Methylphenol	7.110	107	133532	46.812	ng	# 86
18) Hexachloroethane	7.345	117	63086	42.946	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	126383	47.467	ng	99
20) 3+4-Methylphenols	7.263	107	178485	48.768	ng	# 77
22) Acetophenone	7.257	105	222684	44.230	ng	96
24) Nitrobenzene	7.428	77	188107	43.954	ng	100
25) Isophorone	7.669	82	325943	45.386	ng	98
26) 2-Nitrophenol	7.745	139	88200	47.902	ng	97
27) 2,4-Dimethylphenol	7.781	122	112724	51.169	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	190383	43.533	ng	99
29) 2,4-Dichlorophenol	7.992	162	136649	48.272	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	148449	45.441	ng	98
31) Naphthalene	8.145	128	490894	45.355	ng	99
32) Benzoic acid	7.939	122	60818	35.120	ng	95
33) 4-Chloroaniline	8.198	127	92462	25.449	ng	98
34) Hexachlorobutadiene	8.251	225	90294	45.633	ng	99
35) Caprolactam	8.586	113	36502m	43.214	ng	
36) 4-Chloro-3-methylphenol	8.692	107	156886	48.493	ng	99
37) 2-Methylnaphthalene	8.833	142	319854	46.792	ng	100
38) 1-Methylnaphthalene	8.933	142	295954	44.184	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	135460	42.966	ng	98
41) Hexachlorocyclopentadiene	8.980	237	96254	112.268	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	88410	45.992	ng	99

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 Supervised By :mohammad
 Ahmed

08/09/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.169	196	93338	44.416	ng	96	08/09/2024
46) 1,1'-Biphenyl	9.298	154	377279	42.445	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.328	162	295716	44.732	ng	99	
48) 2-Nitroaniline	9.428	65	106316	47.438	ng	97	
49) Acenaphthylene	9.739	152	457976	48.845	ng	99	
50) Dimethylphthalate	9.604	163	347313	47.859	ng	99	
51) 2,6-Dinitrotoluene	9.669	165	77211	47.144	ng	90	08/09/2024
52) Acenaphthene	9.910	154	282408	44.807	ng	99	
53) 3-Nitroaniline	9.839	138	54308	32.076	ng	97	
54) 2,4-Dinitrophenol	9.957	184	70730	93.816	ng	86	
55) Dibenzofuran	10.086	168	422273	47.462	ng	99	
56) 4-Nitrophenol	10.022	139	84304	82.802	ng	94	
57) 2,4-Dinitrotoluene	10.080	165	102558	49.082	ng	# 83	
58) Fluorene	10.427	166	342043	48.277	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.210	232	79647	49.575	ng	97	
60) Diethylphthalate	10.298	149	344246	50.029	ng	99	
61) 4-Chlorophenyl-phenyle...	10.416	204	166685	47.835	ng	98	
62) 4-Nitroaniline	10.463	138	72398	44.997	ng	88	
63) Azobenzene	10.574	77	358846	47.021	ng	97	
65) 4,6-Dinitro-2-methylph...	10.492	198	57789	48.884	ng	98	
66) n-Nitrosodiphenylamine	10.539	169	288282	47.596	ng	99	
67) 4-Bromophenyl-phenylether	10.904	248	96521	46.008	ng	99	
68) Hexachlorobenzene	10.974	284	99992	46.161	ng	97	
69) Atrazine	11.063	200	84670	54.183	ng	99	
70) Pentachlorophenol	11.174	266	74053	75.845	ng	97	
71) Phenanthrene	11.386	178	483513	48.460	ng	99	
72) Anthracene	11.439	178	483474	49.187	ng	99	
73) Carbazole	11.598	167	403908	47.629	ng	99	
74) Di-n-butylphthalate	11.916	149	509726	53.469	ng	99	
75) Fluoranthene	12.574	202	453065	48.640	ng	98	
77) Benzidine	12.698	184	34149	15.153	ng	99	
78) Pyrene	12.804	202	443456	49.988	ng	100	
80) Butylbenzylphthalate	13.410	149	148793	52.377	ng	99	
81) Benzo(a)anthracene	13.986	228	315413	48.613	ng	99	
82) 3,3'-Dichlorobenzidine	13.951	252	58755	35.387	ng	98	
83) Chrysene	14.027	228	273117	46.658	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.963	149	176488	42.426	ng	99	
85) Di-n-octyl phthalate	14.574	149	286009	37.161	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.933	276	289065	46.753	ng	97	
88) Benzo(b)fluoranthene	15.033	252	287658	53.786	ng	98	
89) Benzo(k)fluoranthene	15.062	252	220049	47.521	ng	98	
90) Benzo(a)pyrene	15.398	252	233439	51.891	ng	98	
91) Dibenzo(a,h)anthracene	16.939	278	238208	46.935	ng	98	
92) Benzo(g,h,i)perylene	17.374	276	222322	42.213	ng	97	

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

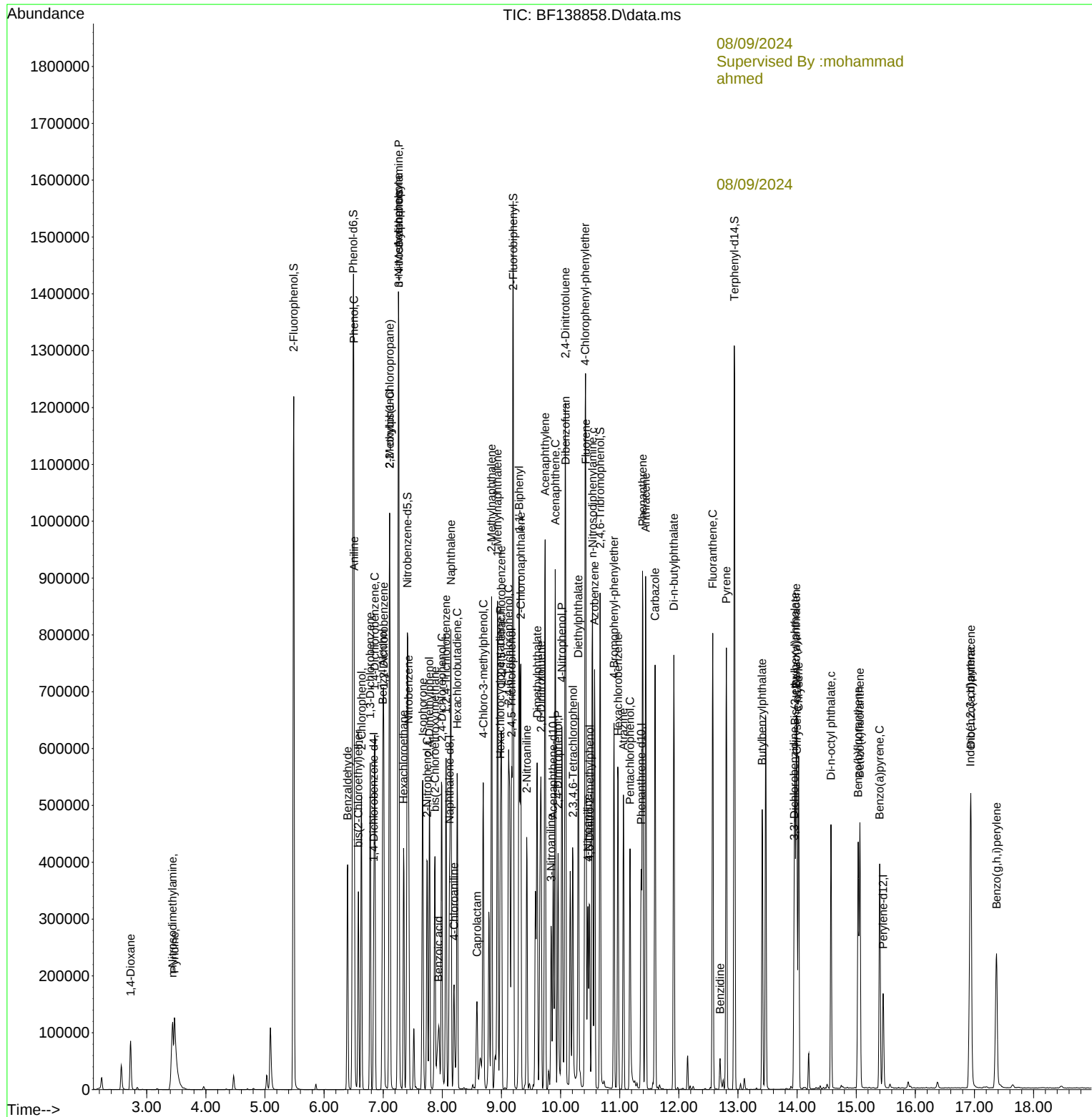
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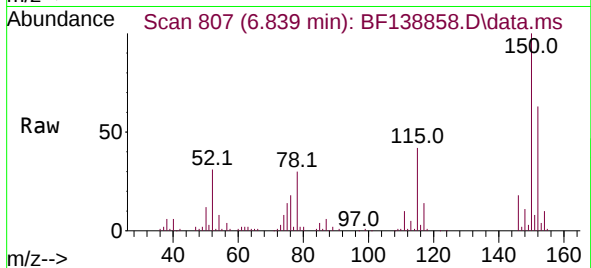
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

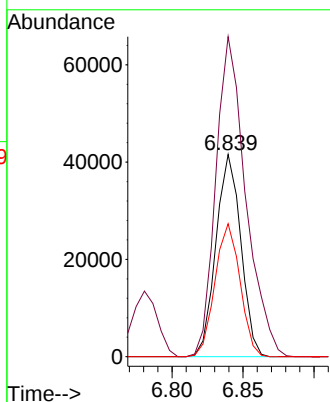
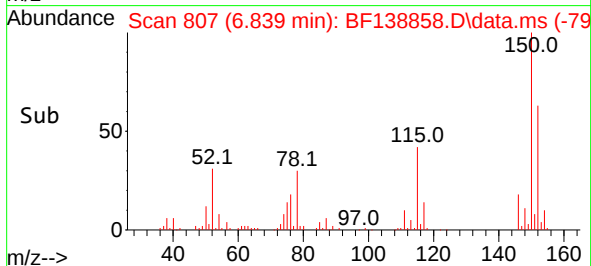
Instrument :
BNA_F
ClientSampleId :
PB162396BS



Tgt Ion:152 Resp: 50684
Ion Ratio Lower Upper
152 100
150 158.2 126.0 189.0
115 65.7 51.7 77.5

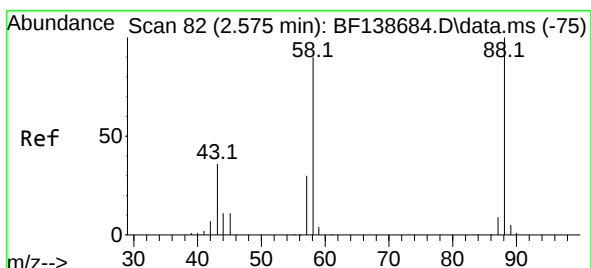
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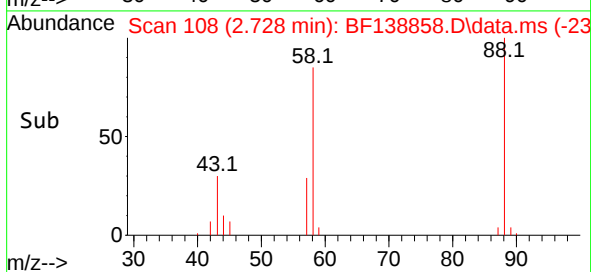
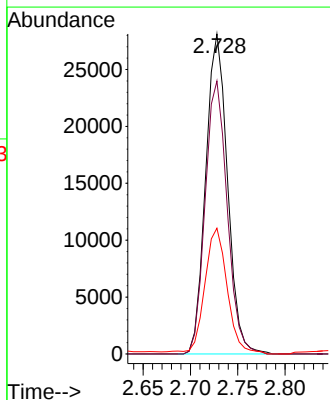
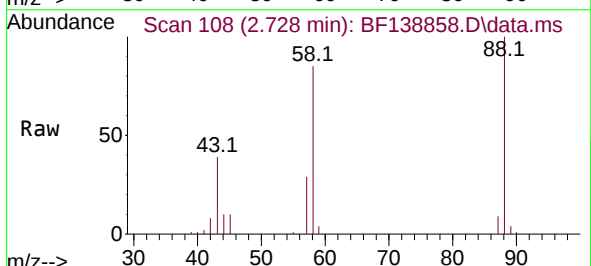
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ahmed

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#2
1,4-Dioxane
Concen: 31.269 ng
RT: 2.728 min Scan# 108
Delta R.T. 0.153 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 88 Resp: 44949
Ion Ratio Lower Upper
88 100
58 86.2 71.6 107.4
43 41.0 28.7 43.1





#3
Pyridine
Concen: 33.303 ng
RT: 3.469 min Scan# 211
Delta R.T. 0.135 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

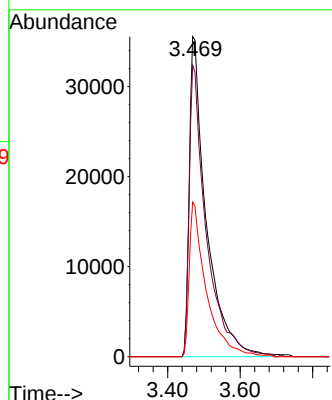
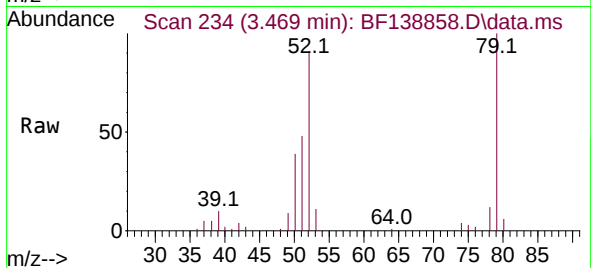
ClientSampleId :

PB162396BS

Tgt Ion: 79 Resp: 115969
Ion Ratio Lower Upper
79 100
52 91.0 74.7 112.1
51 48.3 34.6 51.8

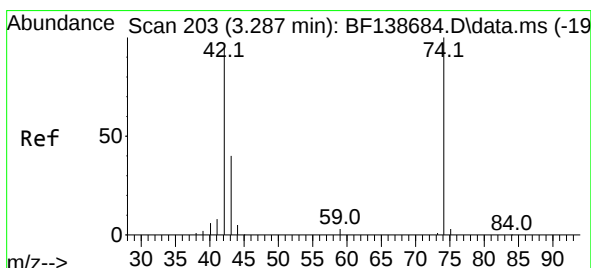
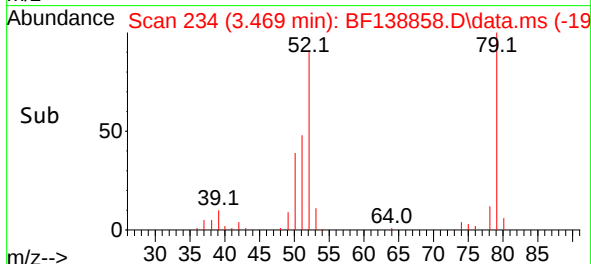
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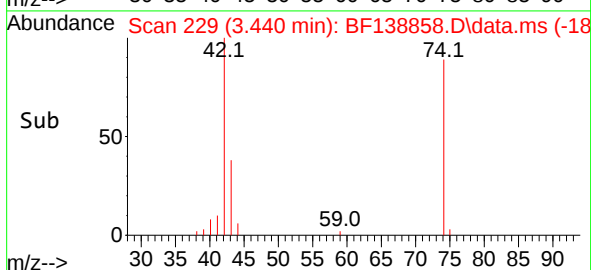
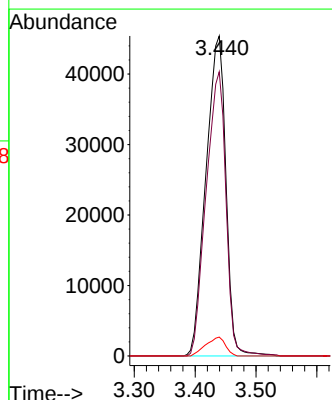
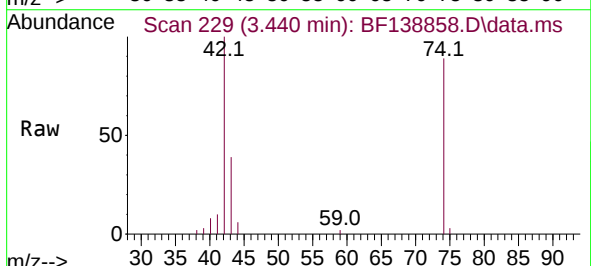
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#4
n-Nitrosodimethylamine
Concen: 49.787 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.153 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 42 Resp: 103255
Ion Ratio Lower Upper
42 100
74 88.8 84.2 126.4
44 5.9 4.9 7.3





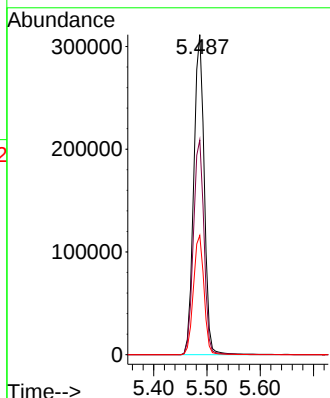
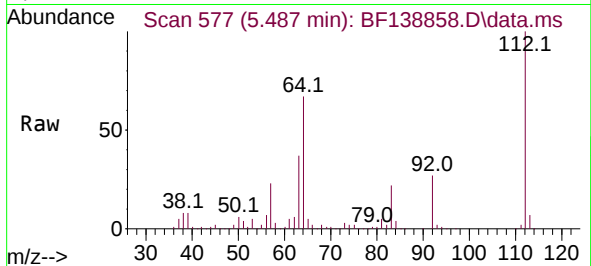
#5
2-Fluorophenol
Concen: 129.949 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :
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ClientSampleId :
PB162396BS

Tgt Ion:112 Resp: 426672
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 37.3 28.7 43.1

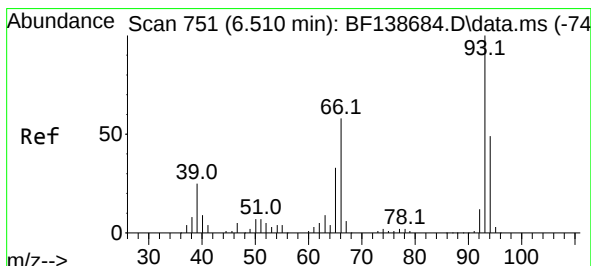
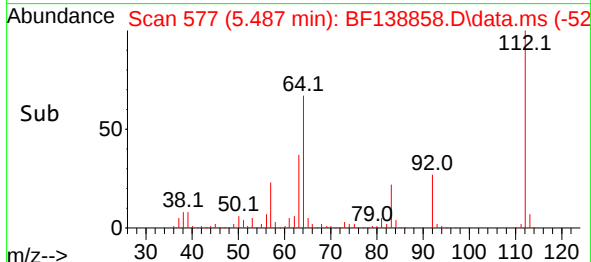
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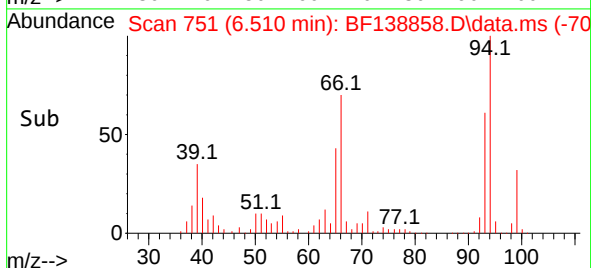
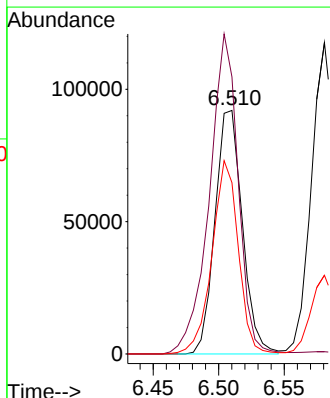
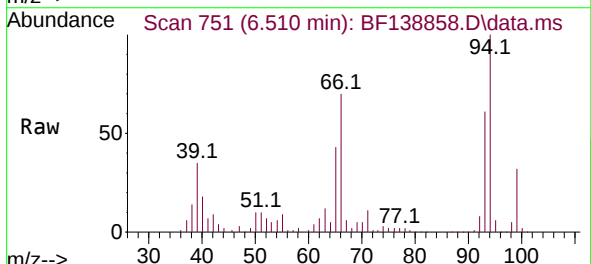
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#6
Aniline
Concen: 33.942 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 93 Resp: 133438
Ion Ratio Lower Upper
93 100
66 113.7 46.9 70.3#
65 70.3 26.5 39.7#





#7

Phenol-d6

Concen: 128.586 ng

RT: 6.492 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

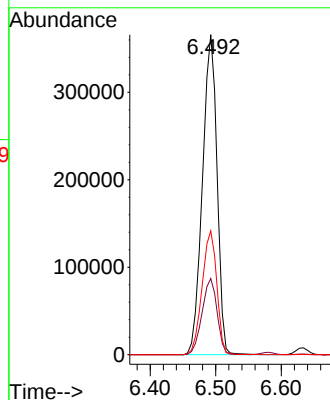
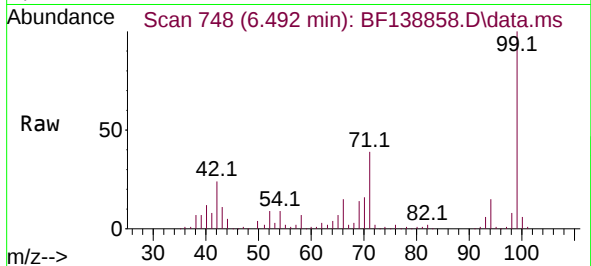
PB162396BS

Tgt Ion: 99 Resp: 56684

Ion	Ratio	Lower	Upper
99	100		
42	23.8	17.4	26.0
71	38.7	28.1	42.1

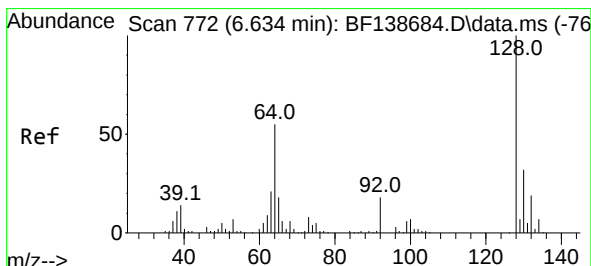
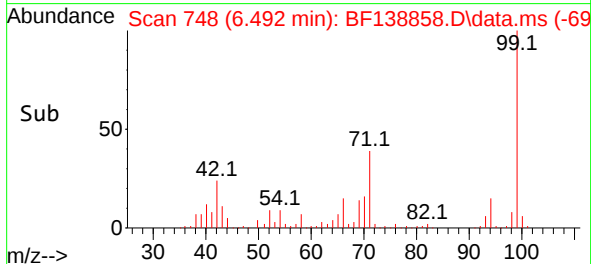
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#8

2-Chlorophenol

Concen: 47.856 ng

RT: 6.634 min Scan# 772

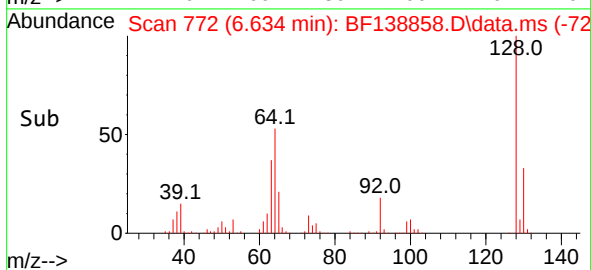
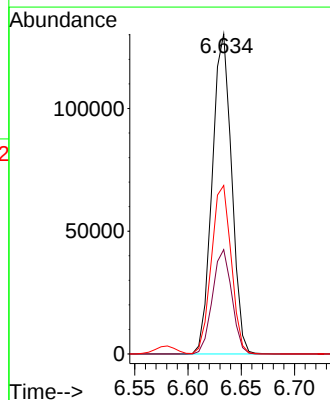
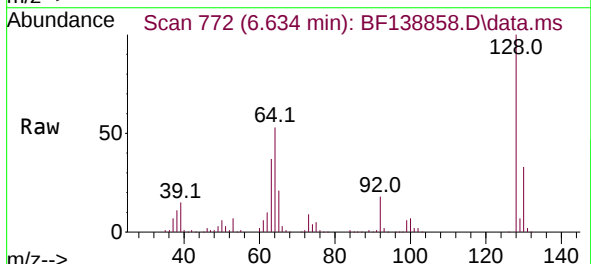
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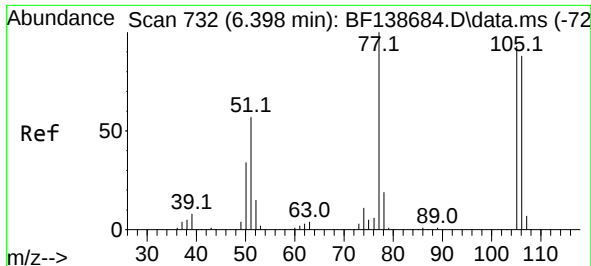
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Tgt Ion:128 Resp: 165317

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	52.6	36.3	76.3





#9

Benzaldehyde

Concen: 39.085 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

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PB162396BS

Tgt Ion: 77 Resp: 10328

Ion Ratio Lower Upper

77 100

105 94.1 72.9 112.9

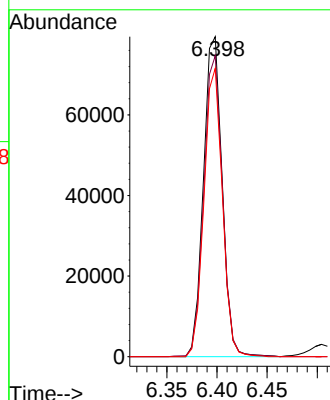
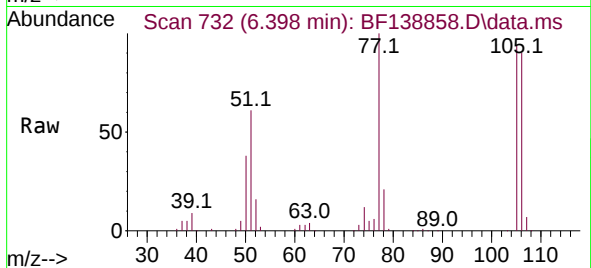
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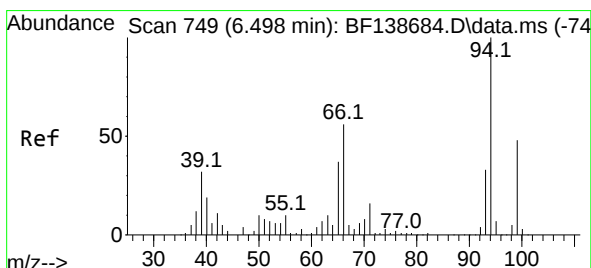
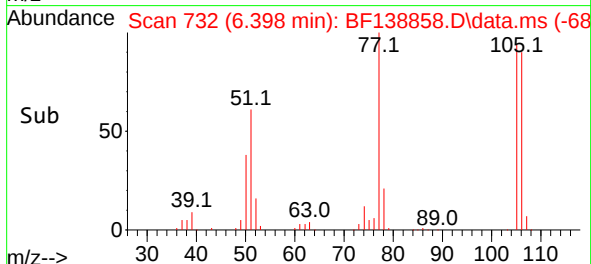
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#10

Phenol

Concen: 48.021 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

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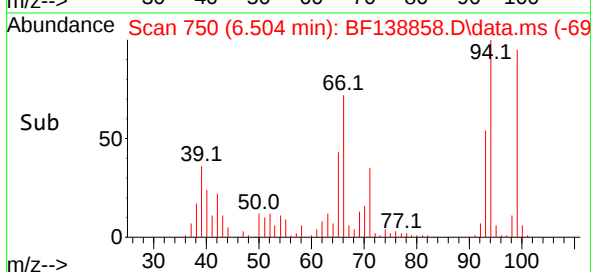
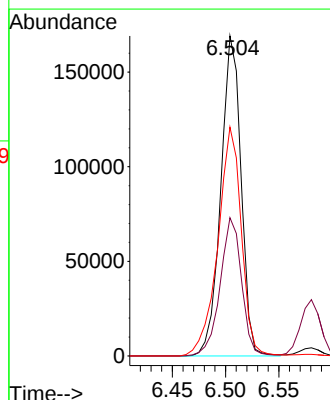
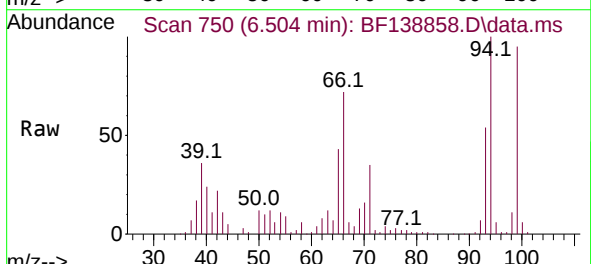
Tgt Ion: 94 Resp: 222883

Ion Ratio Lower Upper

94 100

65 43.2 16.9 56.9

66 71.5 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 42.554 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

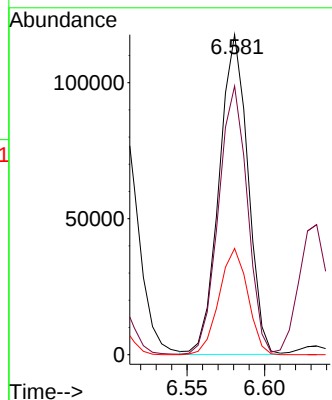
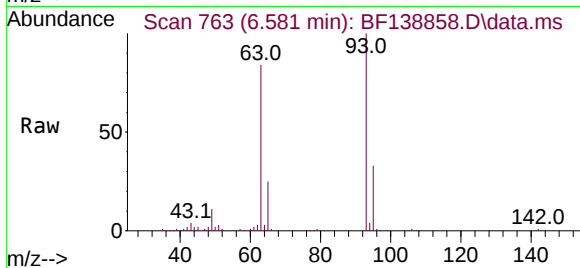
ClientSampleId :

PB162396BS

Tgt Ion: 93 Resp: 15199
Ion Ratio Lower Upper
93 100
63 83.9 65.3 105.3
95 33.2 12.4 52.4

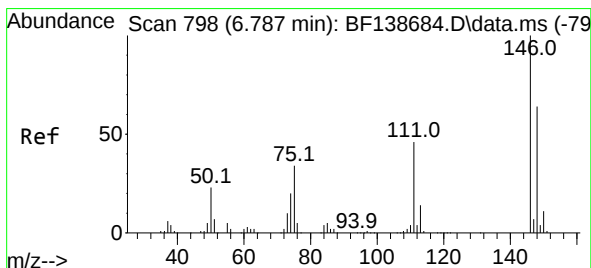
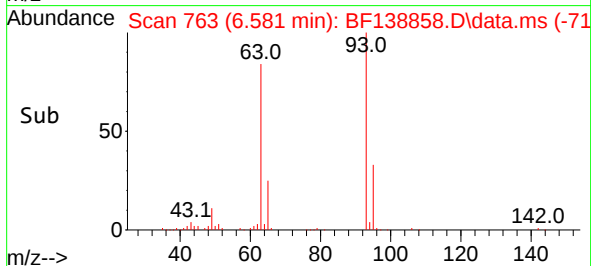
Manual Integrations
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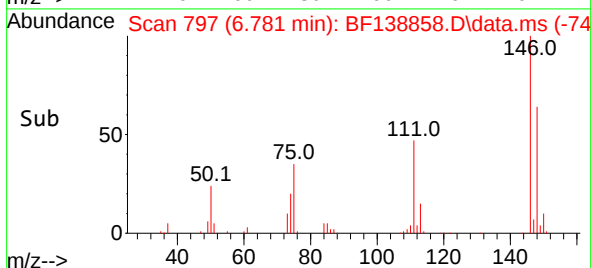
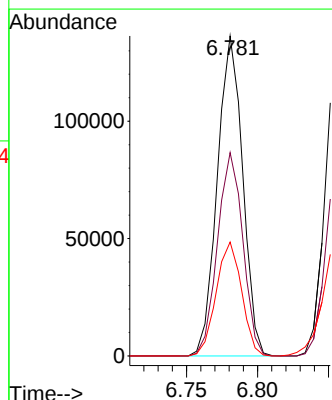
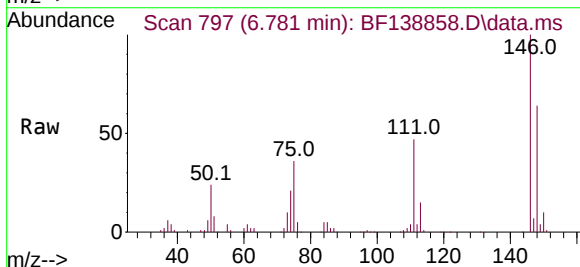
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ahmed

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#12
1,3-Dichlorobenzene
Concen: 43.741 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:146 Resp: 169140
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 35.6 27.4 41.2





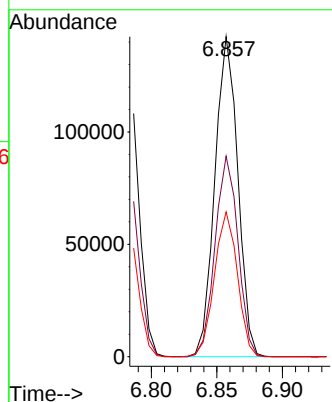
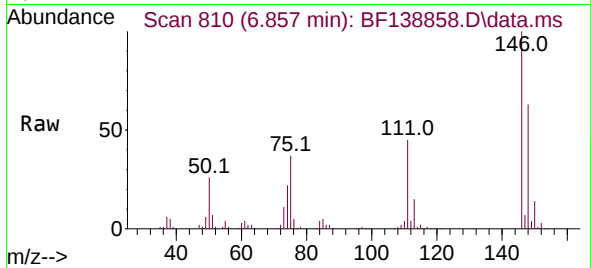
#13
1,4-Dichlorobenzene
Concen: 44.399 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB162396BS

Tgt Ion:146 Resp: 173264
Ion Ratio Lower Upper
146 100
148 62.6 50.2 75.2
111 45.3 35.9 53.9

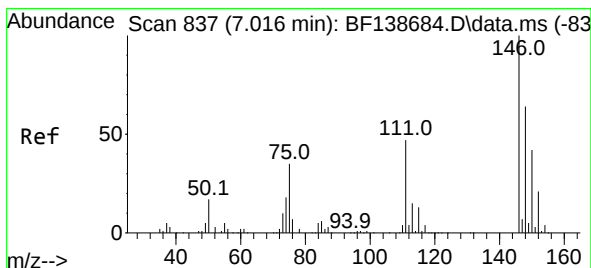
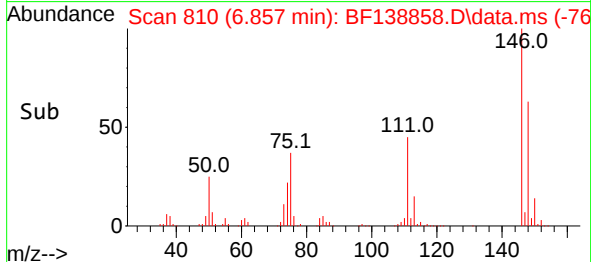
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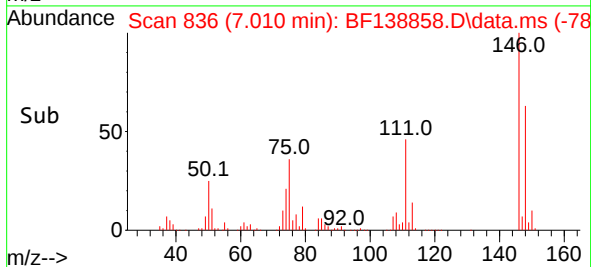
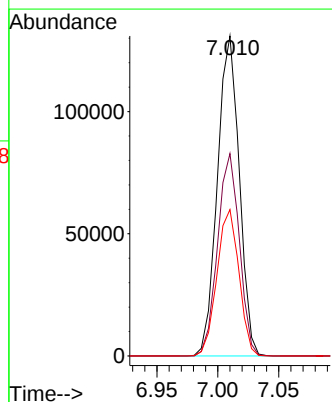
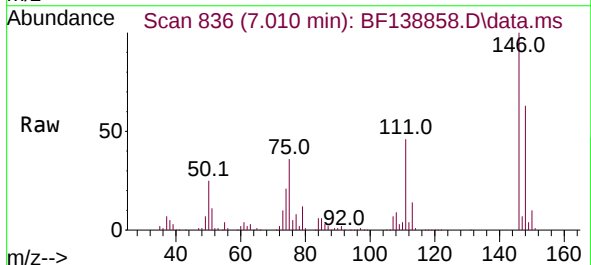
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#14
1,2-Dichlorobenzene
Concen: 44.883 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

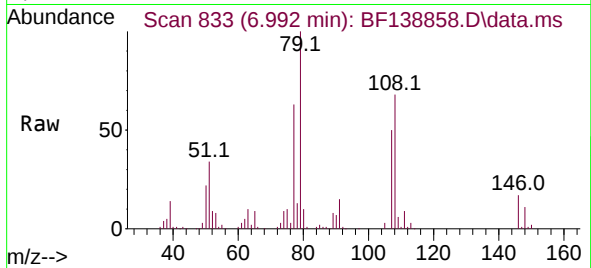
Tgt Ion:146 Resp: 163691
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
111 45.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 48.870 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

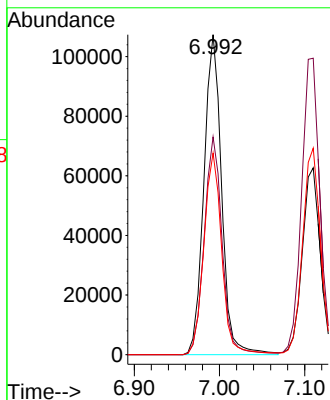
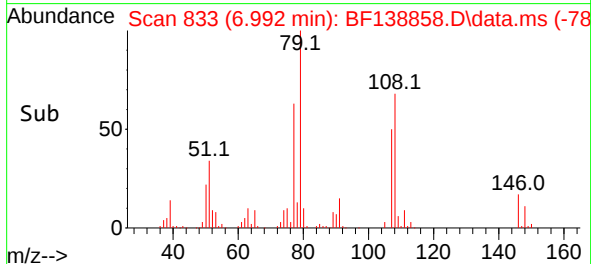
Instrument :
BNA_F
ClientSampleId :
PB162396BS



Tgt Ion: 79 Resp: 155272
Ion Ratio Lower Upper
79 100
108 68.1 56.6 85.0
77 63.0 50.3 75.5

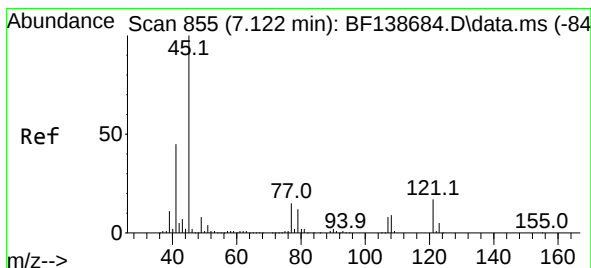
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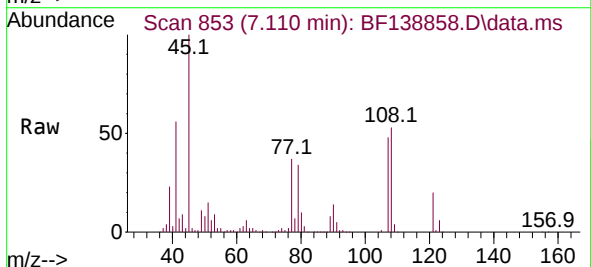


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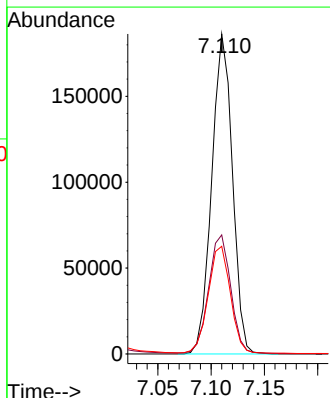
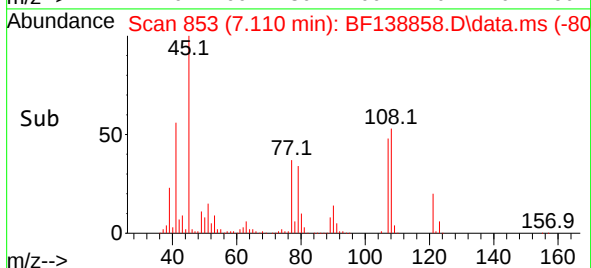
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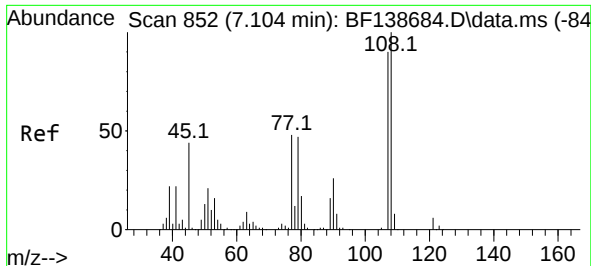


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.838 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion: 45 Resp: 251019
Ion Ratio Lower Upper
45 100
77 37.2 0.0 34.9#
79 33.7 0.0 32.2#





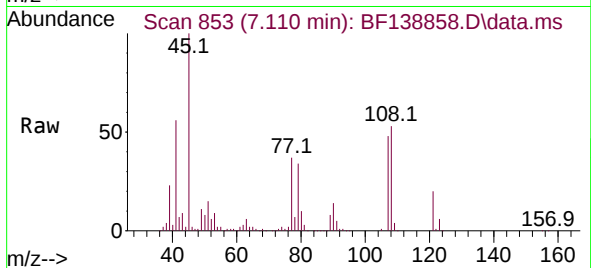
#17
2-Methylphenol
Concen: 46.812 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

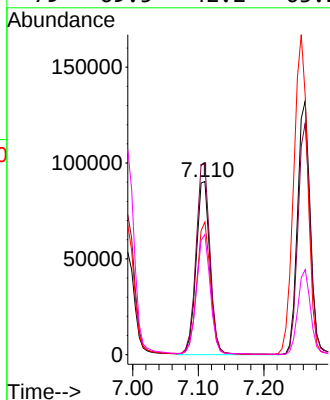
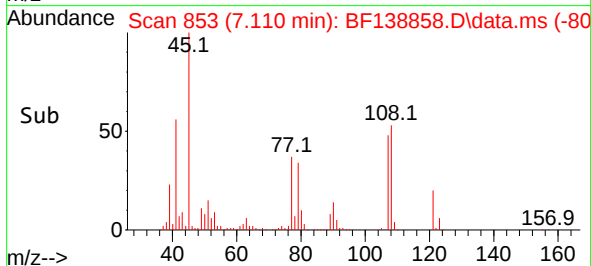
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Tgt Ion:107 Resp: 133532
Ion Ratio Lower Upper
107 100
108 110.2 89.2 133.8
77 76.7 43.0 64.4
79 69.5 42.2 63.2

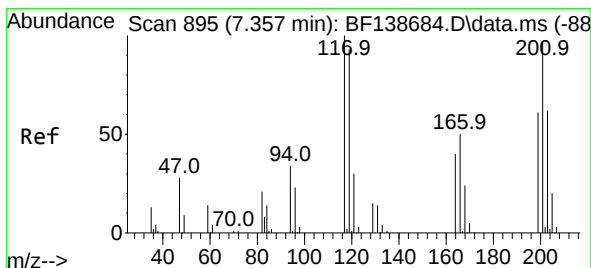
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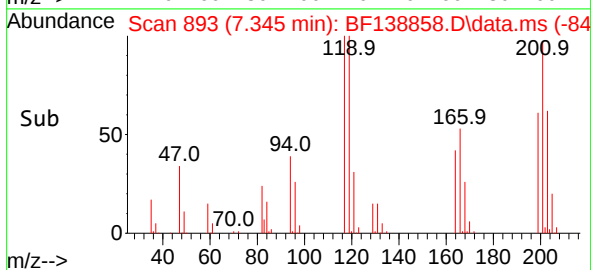
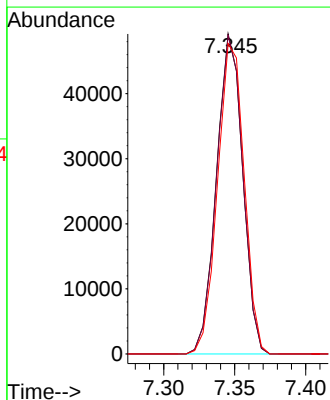
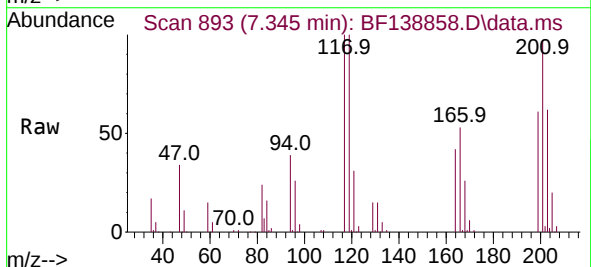
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#18
Hexachloroethane
Concen: 42.946 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:117 Resp: 63086
Ion Ratio Lower Upper
117 100
119 99.6 74.6 111.8
201 97.0 77.2 115.8





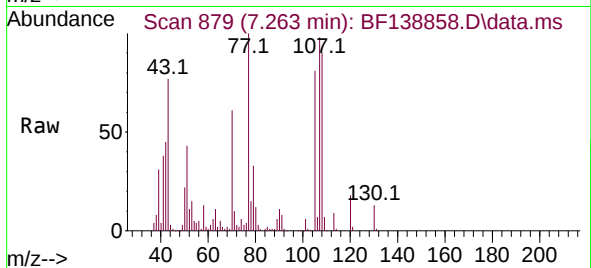
#19
n-Nitroso-di-n-propylamine
Concen: 47.467 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

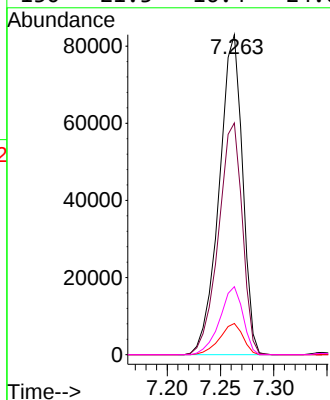
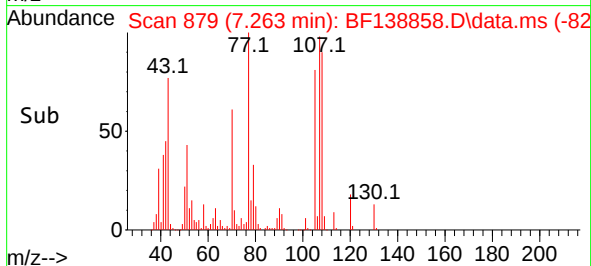
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Tgt Ion: 70 Resp: 12638
Ion Ratio Lower Upper
70 100
42 72.4 57.4 86.0
101 9.8 7.5 11.3
130 21.3 16.4 24.6

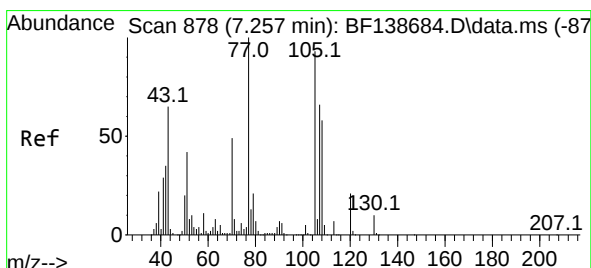
Manual Integrations
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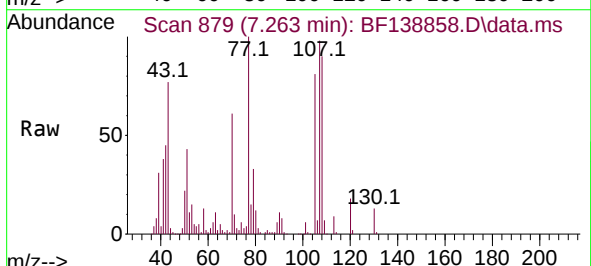


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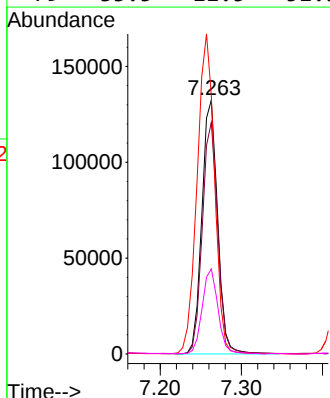
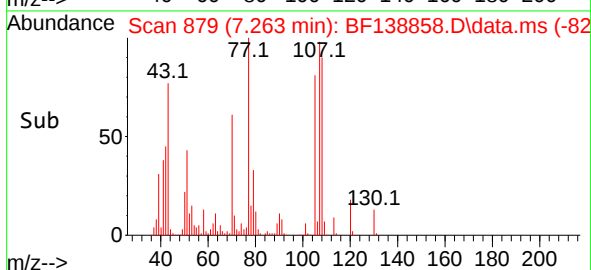
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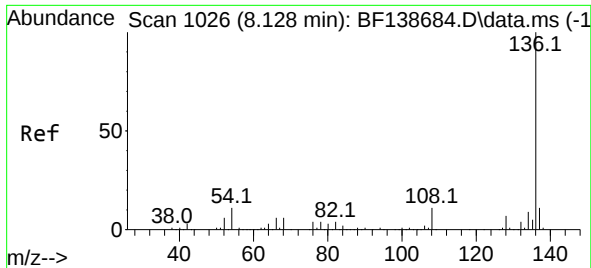


#20
3+4-Methylphenols
Concen: 48.768 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion:107 Resp: 178485
Ion Ratio Lower Upper
107 100
108 91.3 68.2 108.2
77 101.9 132.1 172.1#
79 33.5 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

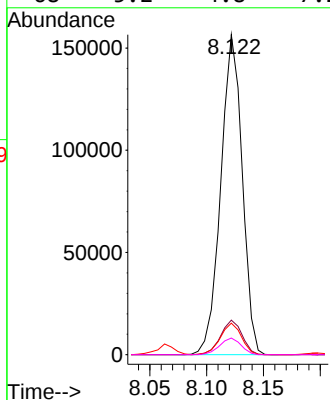
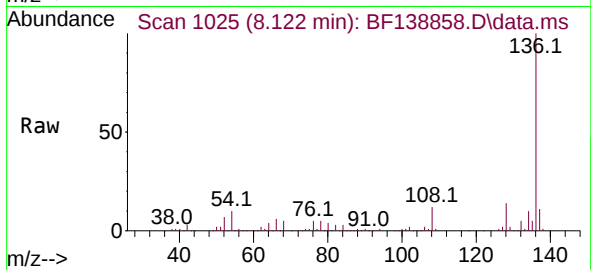
ClientSampleId :

PB162396BS

Tgt Ion:136 Resp: 205629
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.9 8.6 12.8
68 5.2 4.8 7.2

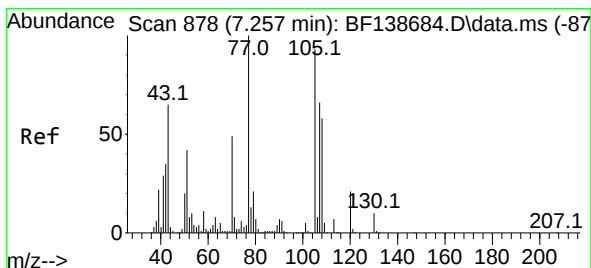
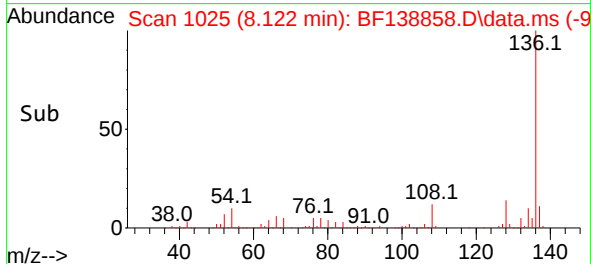
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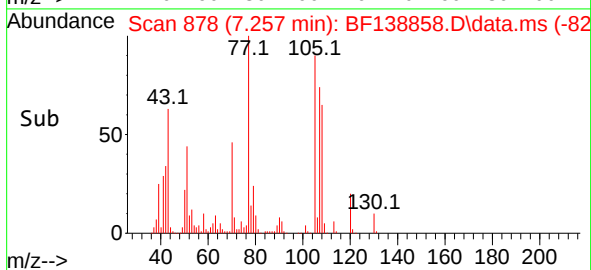
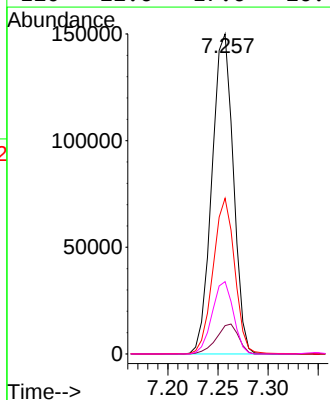
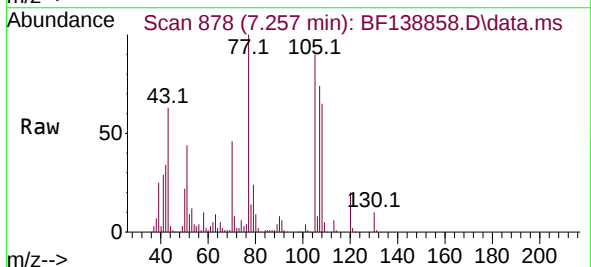
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#22
Acetophenone
Concen: 44.230 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:105 Resp: 222684
Ion Ratio Lower Upper
105 100
71 8.8 7.2 10.8
51 48.7 35.9 53.9
120 22.6 17.6 26.4





#23

Nitrobenzene-d5

Concen: 86.665 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

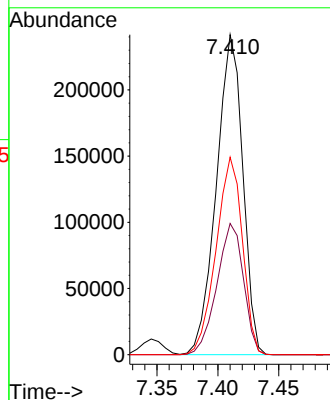
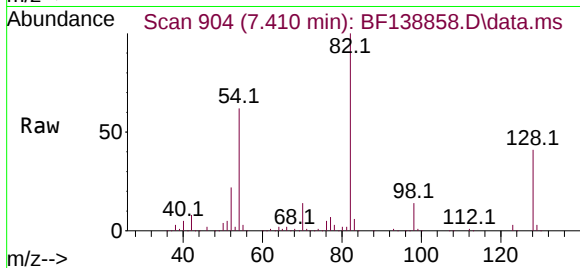
ClientSampleId :

PB162396BS

Tgt Ion: 82 Resp: 364494
 Ion Ratio Lower Upper
 82 100
 128 41.0 32.8 49.2
 54 61.7 48.3 72.5

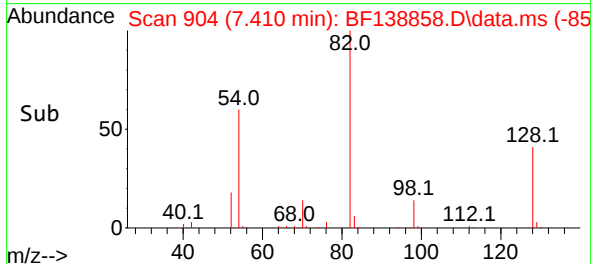
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#24

Nitrobenzene

Concen: 43.954 ng

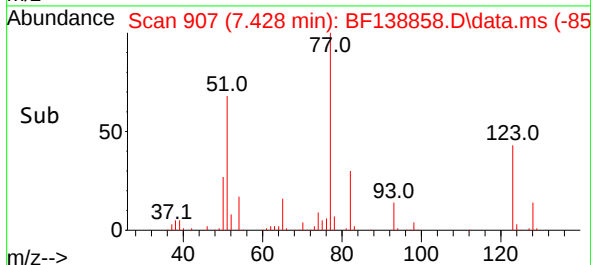
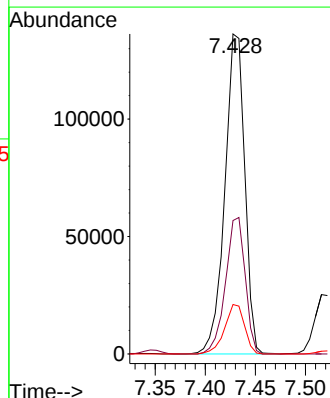
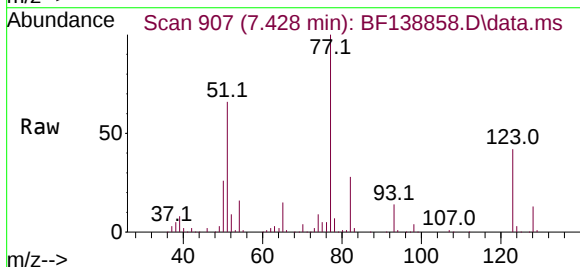
RT: 7.428 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

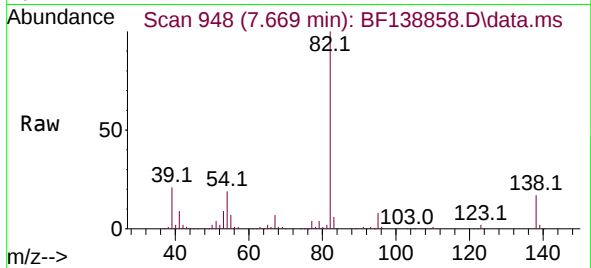
Tgt Ion: 77 Resp: 188107
 Ion Ratio Lower Upper
 77 100
 123 41.7 33.3 49.9
 65 15.4 11.9 17.9





#25
Isophorone
Concen: 45.386 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

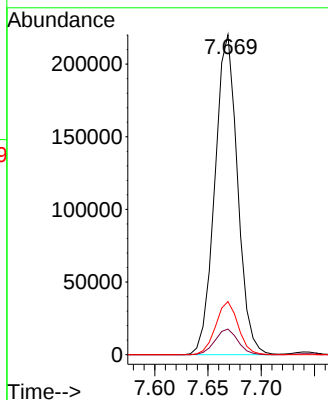
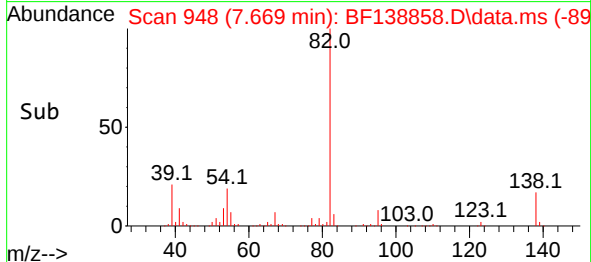
Instrument :
BNA_F
ClientSampleId :
PB162396BS



Tgt Ion: 82 Resp: 32594
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.6 13.7 20.5

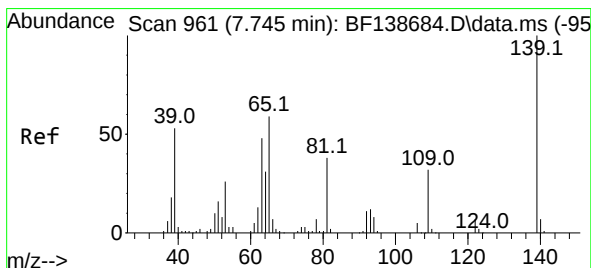
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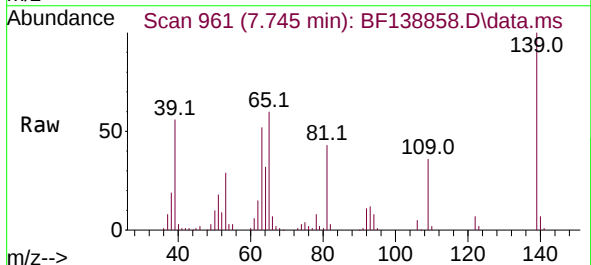


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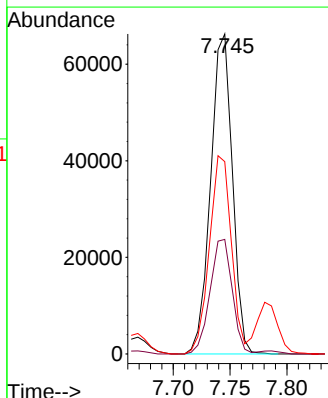
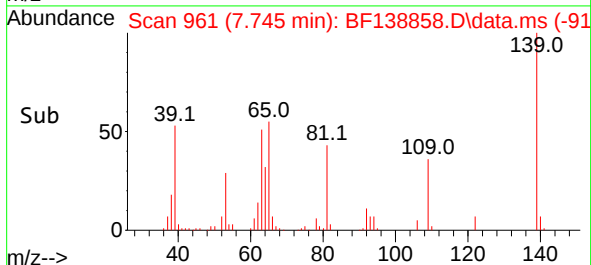
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#26
2-Nitrophenol
Concen: 47.902 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion:139 Resp: 88200
Ion Ratio Lower Upper
139 100
109 35.8 25.9 38.9
65 60.1 47.0 70.6





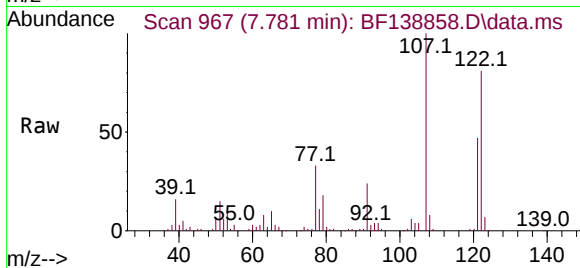
#27
2,4-Dimethylphenol
Concen: 51.169 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

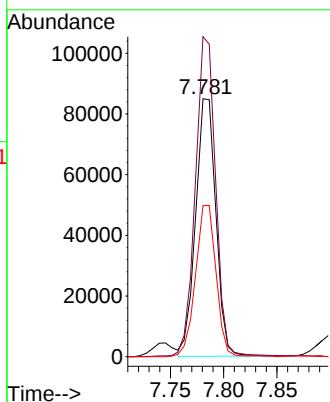
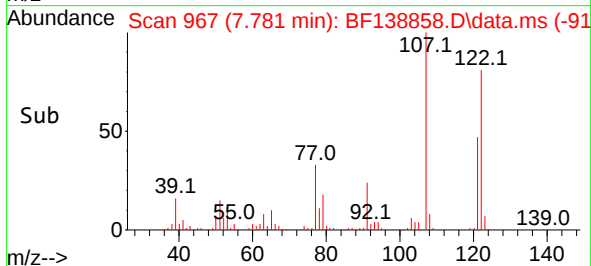
PB162396BS



Tgt Ion:122 Resp: 112724
Ion Ratio Lower Upper
122 100
107 124.1 95.0 142.6
121 58.6 47.3 70.9

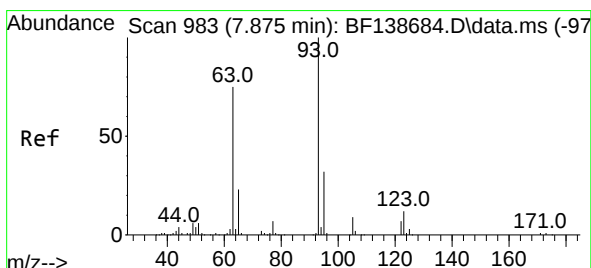
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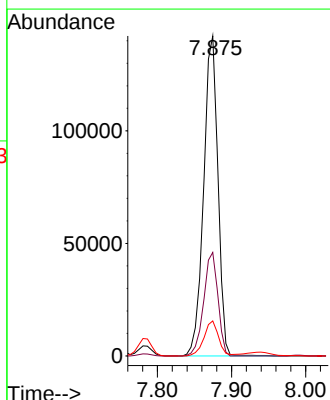
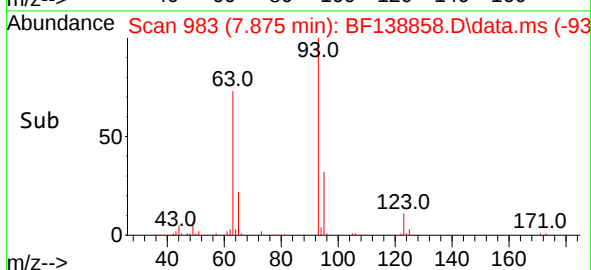
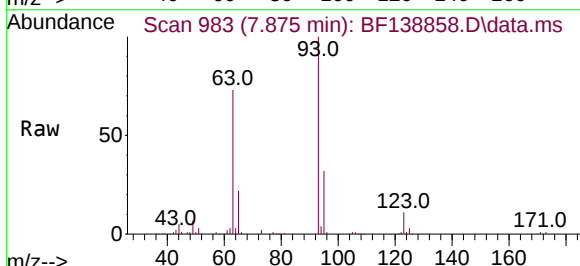
08/09/2024
Supervised By :mohammad
ahmed

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#28
bis(2-Chloroethoxy)methane
Concen: 43.533 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 93 Resp: 190383
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.272 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

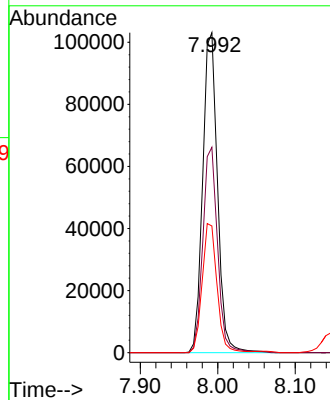
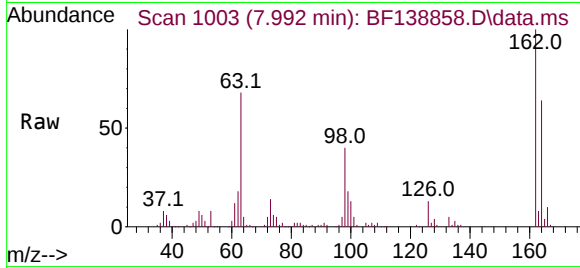
ClientSampleId :

PB162396BS

Tgt Ion:162	Resp: 136649
Ion Ratio	Lower Upper
162 100	
164 64.2	44.7 84.7
98 39.6	20.8 60.8

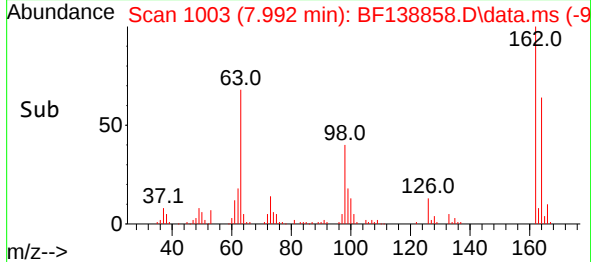
Manual Integrations
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Supervised By :mohammad
ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 45.441 ng

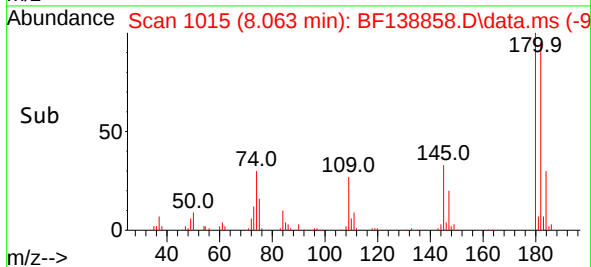
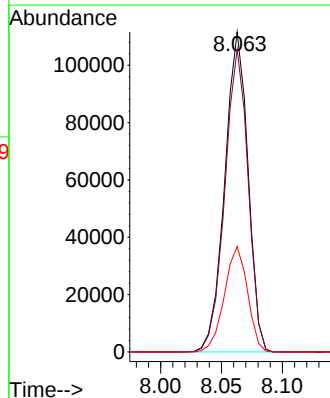
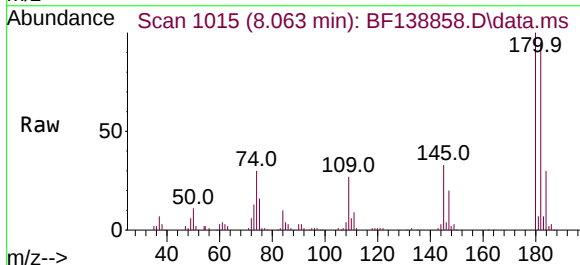
RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Tgt Ion:180	Resp: 148449
Ion Ratio	Lower Upper
180 100	
182 94.7	76.9 115.3
145 32.9	25.0 37.4





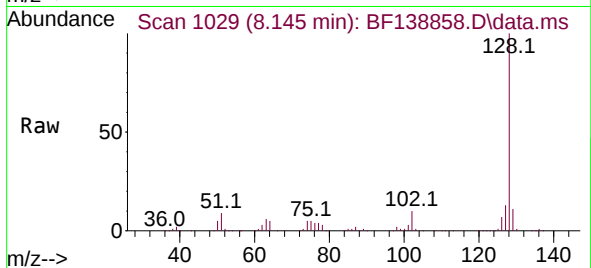
#31
Naphthalene
Concen: 45.355 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

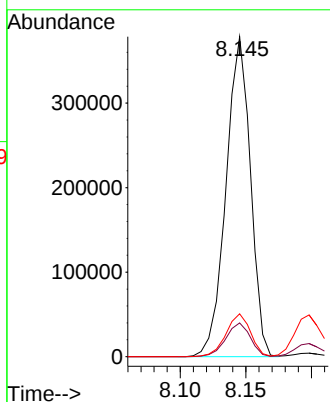
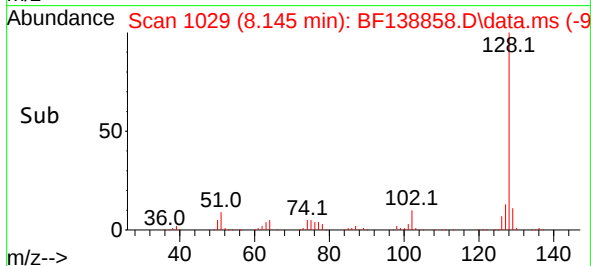
PB162396BS



Tgt Ion:128 Resp: 490894
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.4 10.6 16.0

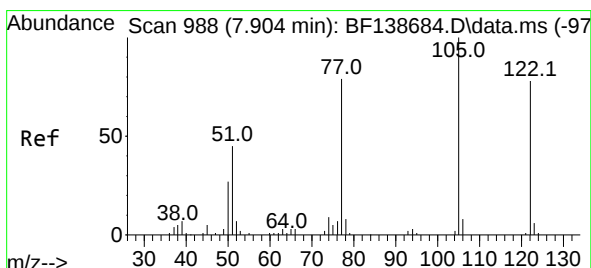
Manual Integrations
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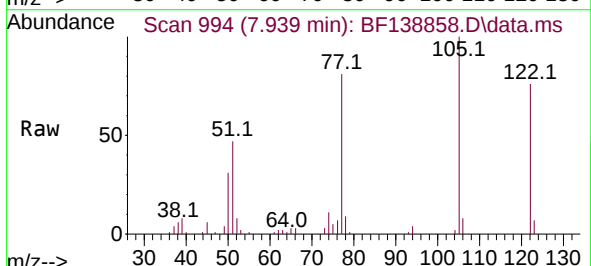


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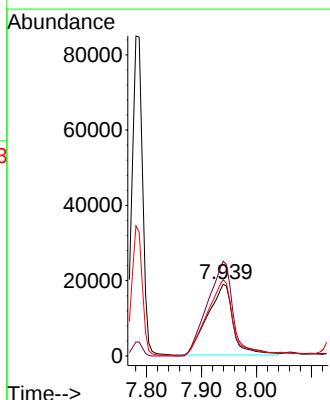
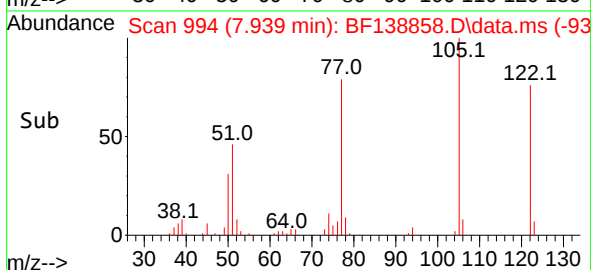
08/09/2024

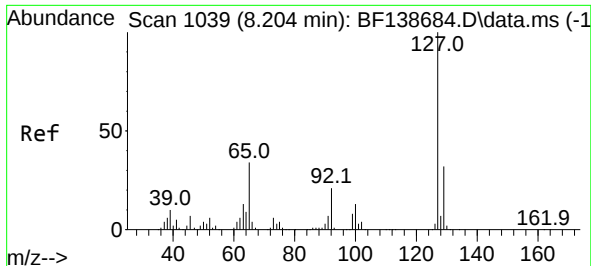


#32
Benzoic acid
Concen: 35.120 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion:122 Resp: 60818
Ion Ratio Lower Upper
122 100
105 132.0 106.7 146.7
77 106.5 81.1 121.1





#33
4-Chloroaniline
Concen: 25.449 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

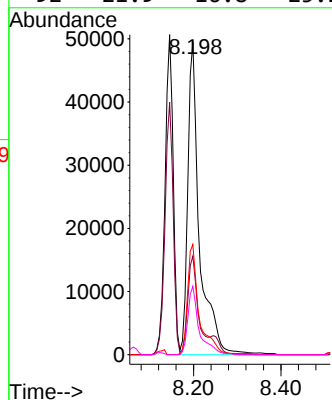
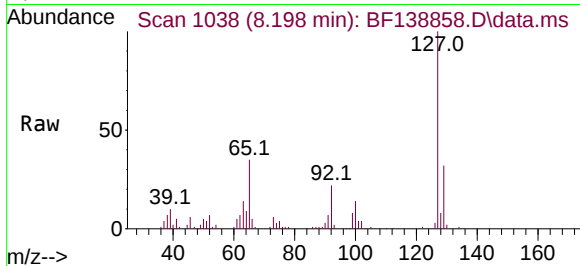
ClientSampleId :

PB162396BS

Tgt Ion:127 Resp: 92462
Ion Ratio Lower Upper
127 100
129 31.5 25.9 38.9
65 35.3 27.6 41.4
92 21.9 16.8 25.2

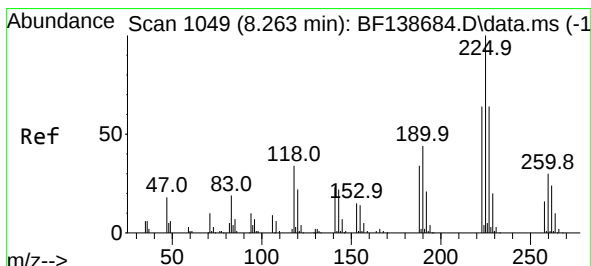
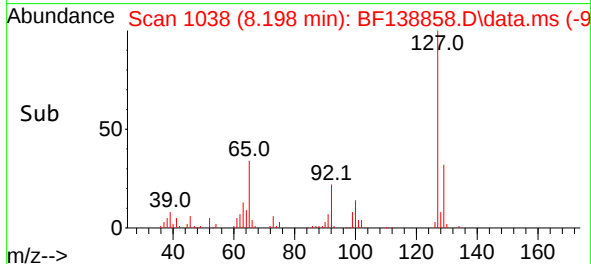
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



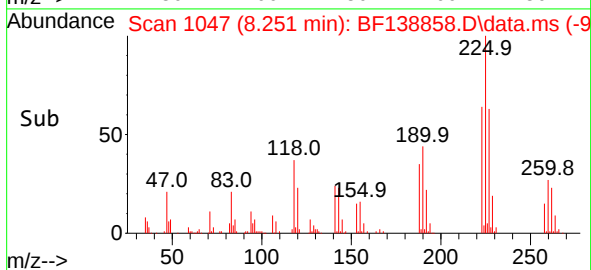
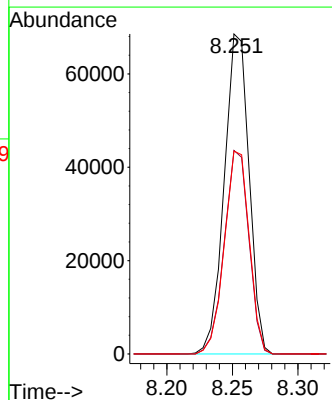
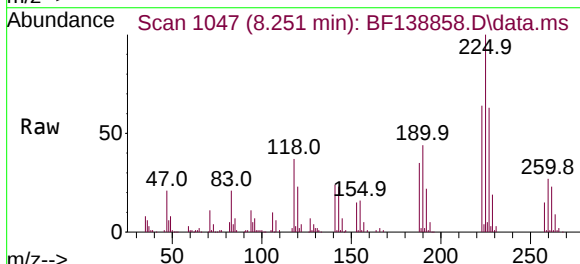
08/09/2024
Supervised By :mohammad
ahmed

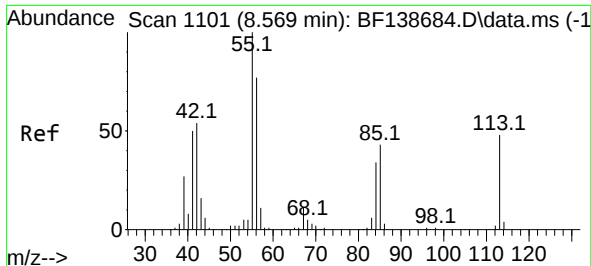
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#34
Hexachlorobutadiene
Concen: 45.633 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

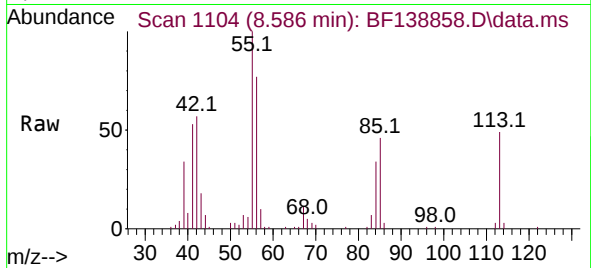
Tgt Ion:225 Resp: 90294
Ion Ratio Lower Upper
225 100
223 63.6 51.2 76.8
227 63.4 51.1 76.7





#35
Caprolactam
Concen: 43.214 ng m
RT: 8.586 min Scan# 1101
Delta R.T. 0.018 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

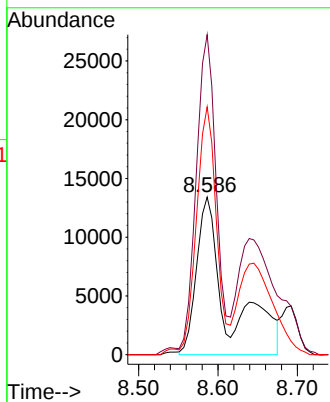
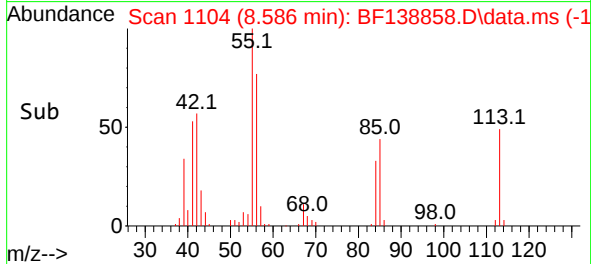
Instrument :
BNA_F
ClientSampleId :
PB162396BS



Tgt Ion:113 Resp: 3650
Ion Ratio Lower Upper
113 100
55 203.1 186.7 226.7
56 157.3 138.9 178.9

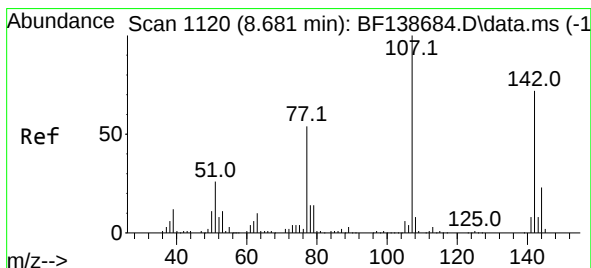
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Reviewed By :Yogesh
Patel



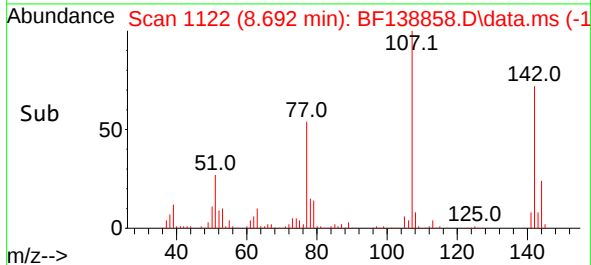
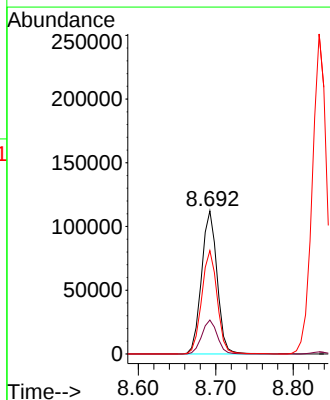
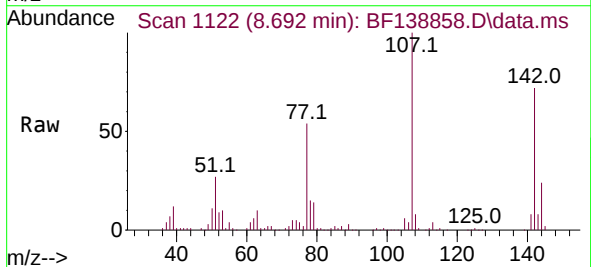
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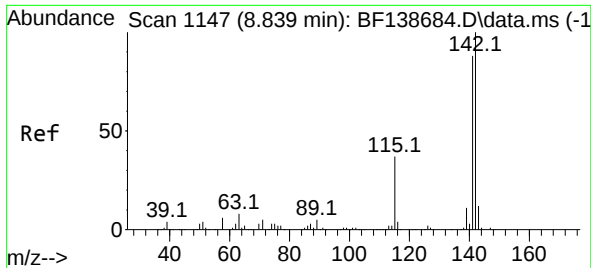
08/09/2024



#36
4-Chloro-3-methylphenol
Concen: 48.493 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:107 Resp: 156886
Ion Ratio Lower Upper
107 100
144 23.7 18.2 27.2
142 72.2 57.4 86.2





#37
2-Methylnaphthalene
Concen: 46.792 ng
RT: 8.833 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

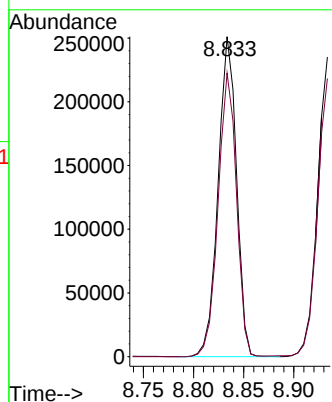
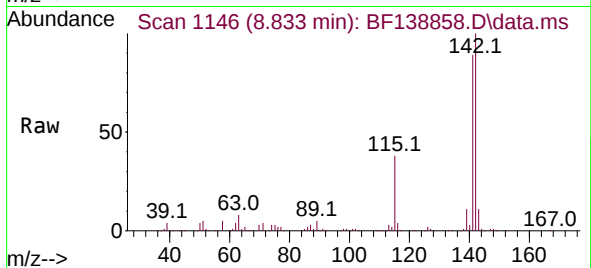
ClientSampleId :

PB162396BS

Tgt Ion:142 Resp: 319854
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

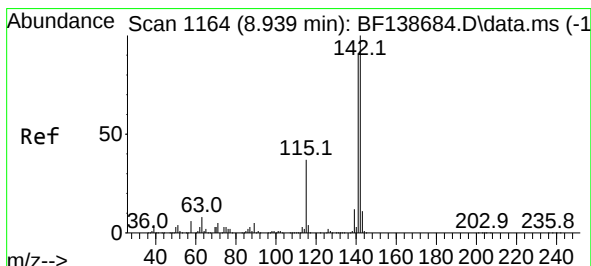
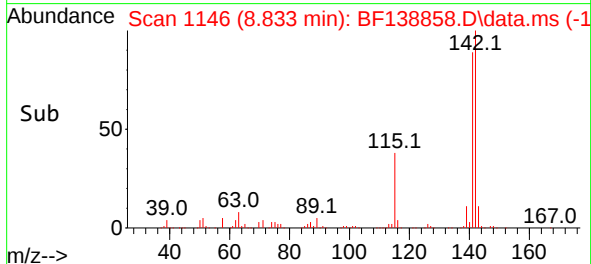
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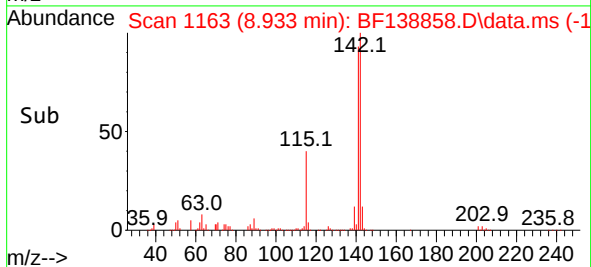
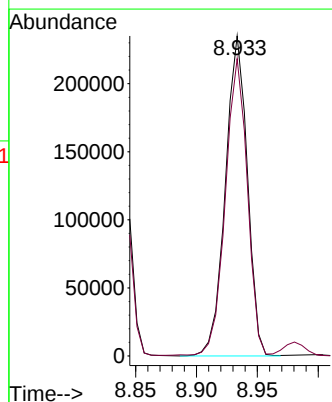
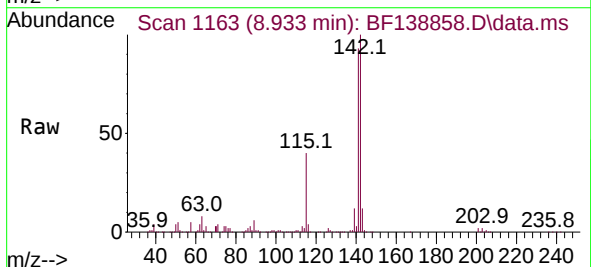
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ahmed

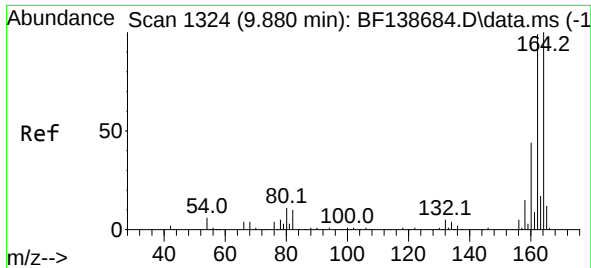
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#38
1-Methylnaphthalene
Concen: 44.184 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:142 Resp: 295954
Ion Ratio Lower Upper
142 100
141 92.9 73.1 109.7





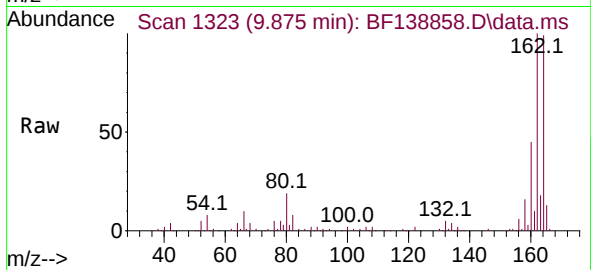
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 111
Delta R.T. -0.005 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

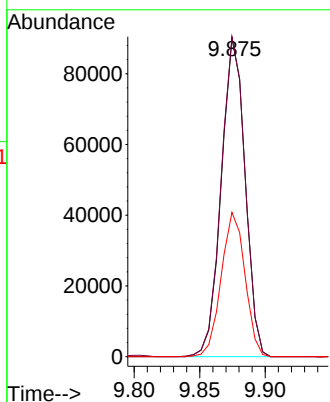
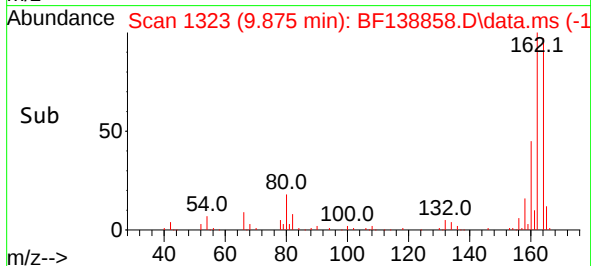
PB162396BS



Tgt Ion:164 Resp: 11349
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 45.4 35.1 52.7

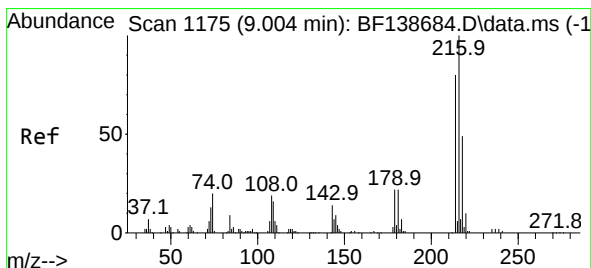
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

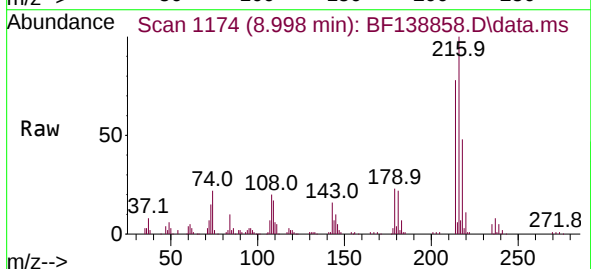


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ahmed

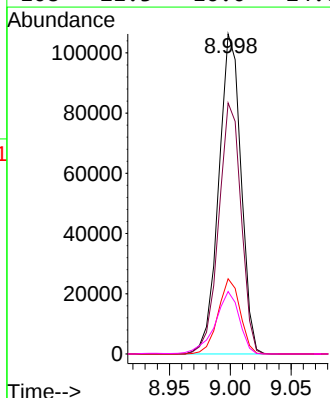
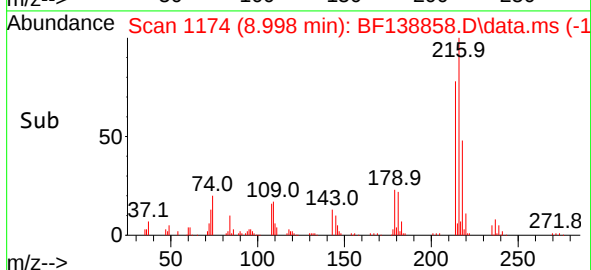
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.966 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



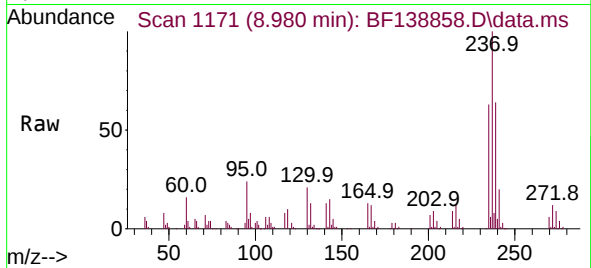
Tgt Ion:216 Resp: 135460
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 23.2 17.8 26.6
108 21.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 112.268 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

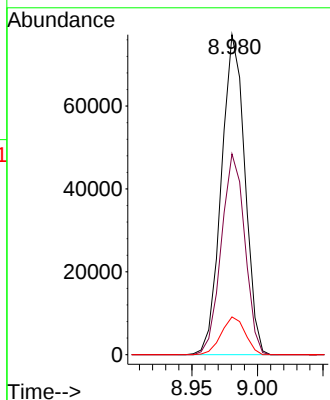
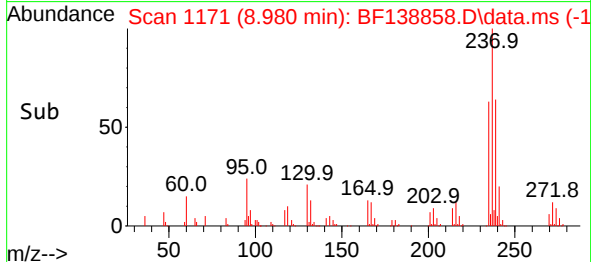
Instrument :
BNA_F
ClientSampleId :
PB162396BS



Tgt Ion:237 Resp: 96254
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 11.8 0.0 32.2

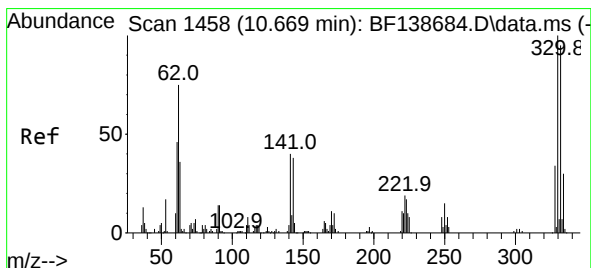
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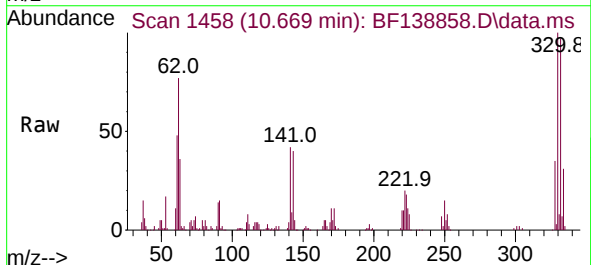


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Supervised By :mohammad
ahmed

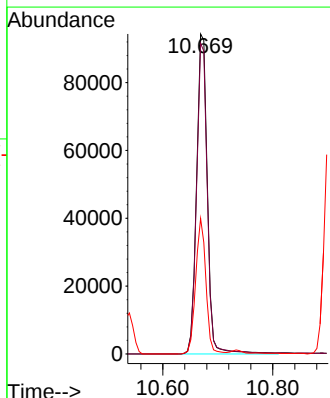
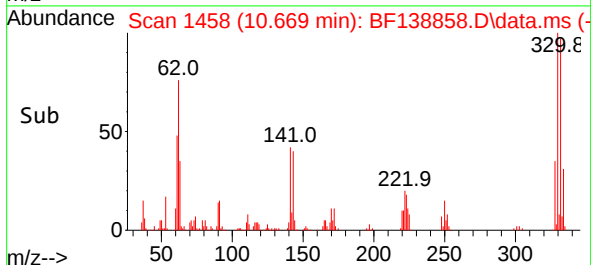
08/09/2024



#42
2,4,6-Tribromophenol
Concen: 139.216 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



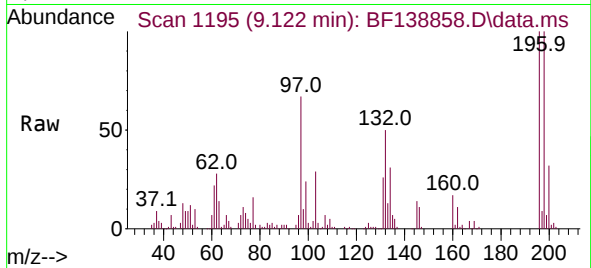
Tgt Ion:330 Resp: 129426
Ion Ratio Lower Upper
330 100
332 96.5 76.4 114.6
141 40.0 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 45.992 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

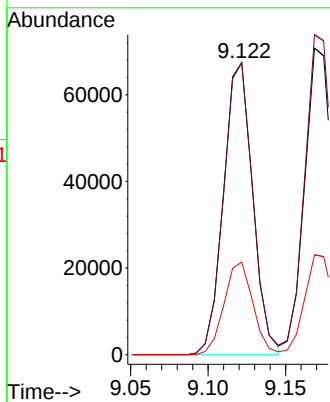
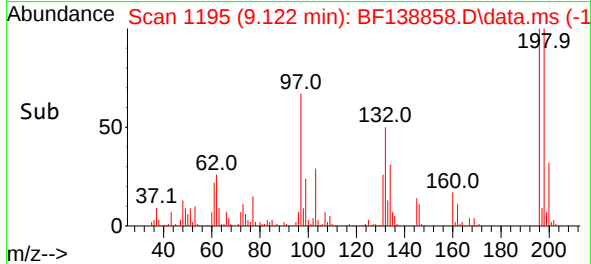
Instrument :
BNA_F
ClientSampleId :
PB162396BS



Tgt Ion:196 Resp: 88410
Ion Ratio Lower Upper
196 100
198 99.8 80.5 120.7
200 31.7 25.9 38.9

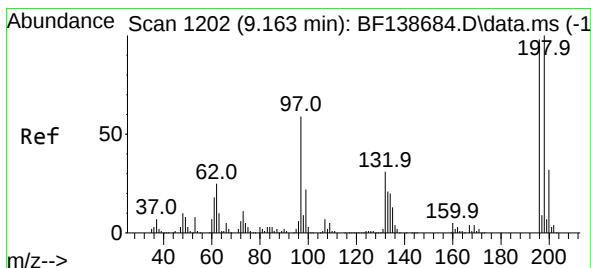
Manual Integrations
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Reviewed By :Yogesh
Patel

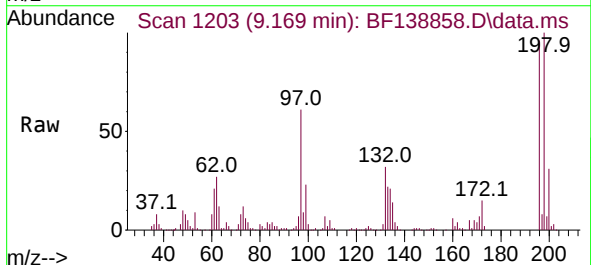


08/09/2024
Supervised By :mohammad
ahmed

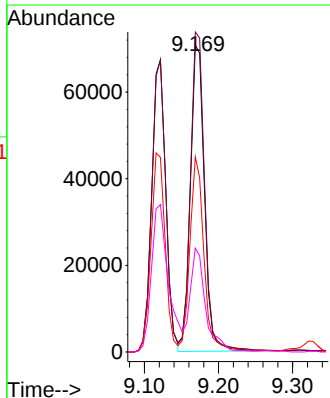
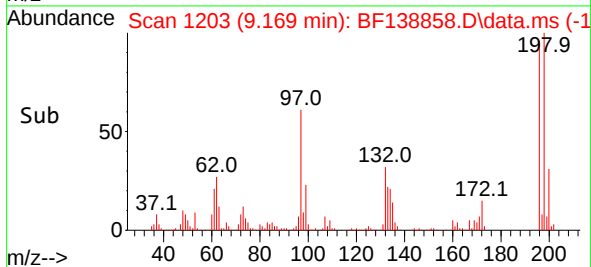
08/09/2024

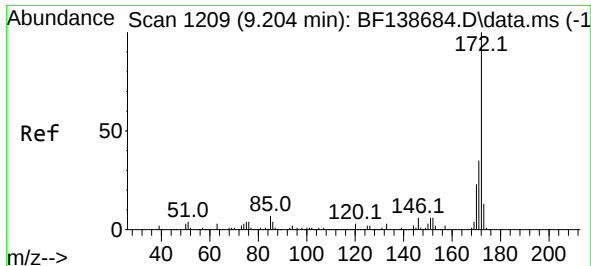


#44
2,4,5-Trichlorophenol
Concen: 44.416 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion:196 Resp: 93338
Ion Ratio Lower Upper
196 100
198 104.4 81.2 121.8
97 63.6 47.8 71.6
132 33.9 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 89.400 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

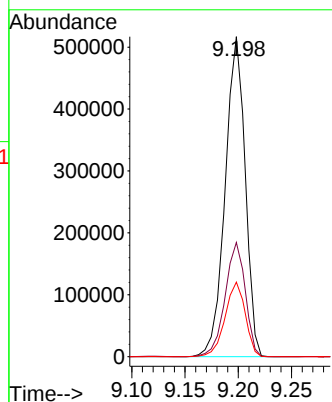
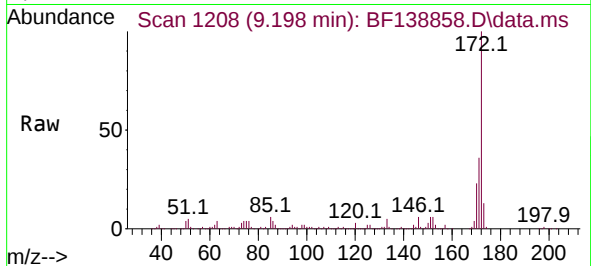
ClientSampleId :

PB162396BS

Tgt Ion:172 Resp: 675300
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.3 18.8 28.2

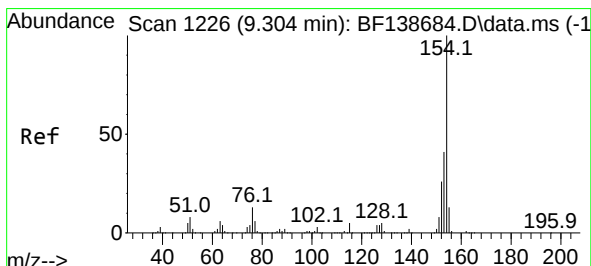
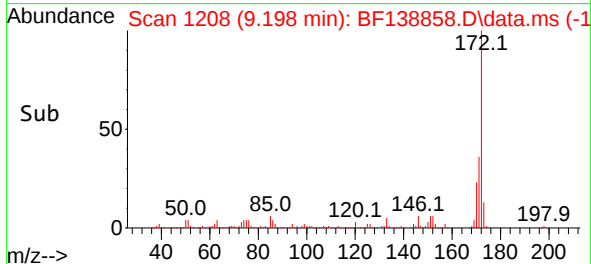
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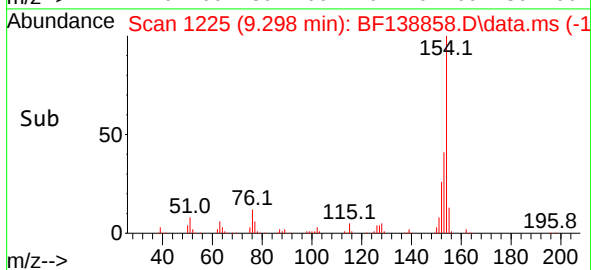
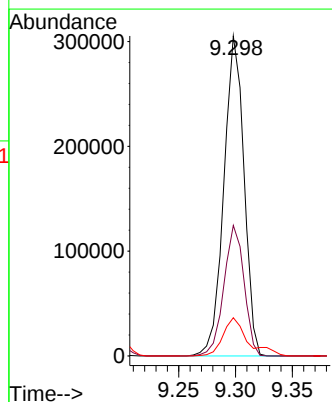
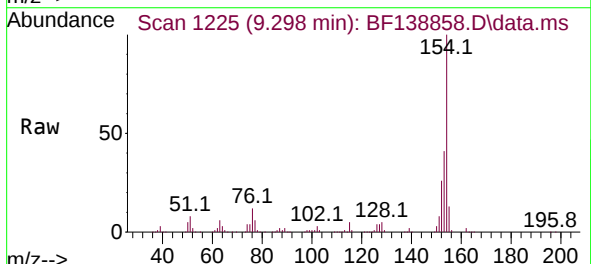
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Supervised By :mohammad
ahmed

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#46
1,1'-Biphenyl
Concen: 42.445 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:154 Resp: 377279
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 11.9 0.0 32.8





#47
2-Chloronaphthalene
Concen: 44.732 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

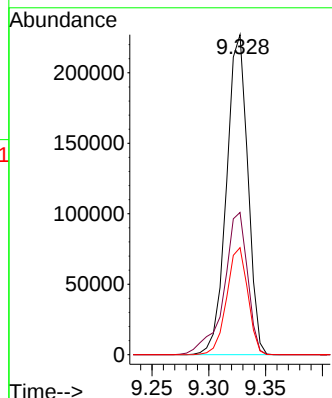
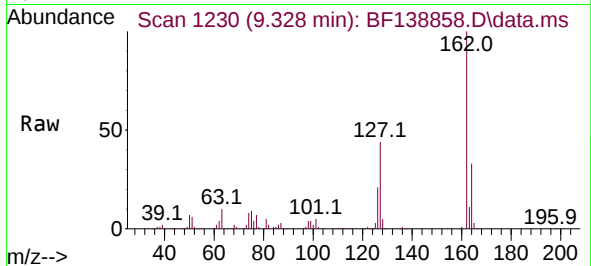
ClientSampleId :

PB162396BS

Tgt Ion:162 Resp: 295710
Ion Ratio Lower Upper
162 100
127 44.4 35.4 53.2
164 33.5 25.6 38.4

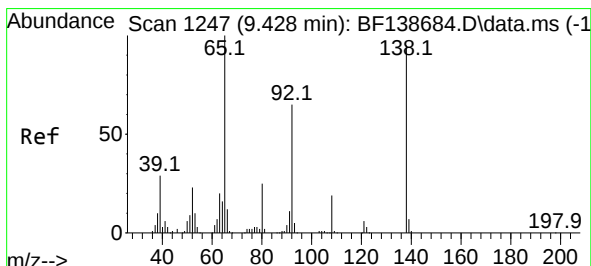
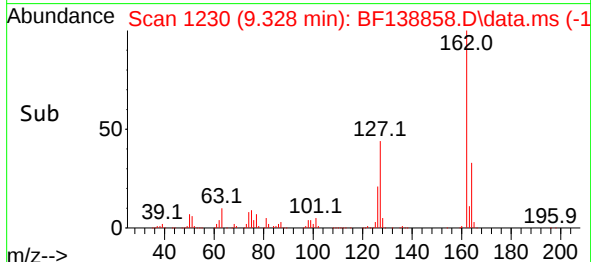
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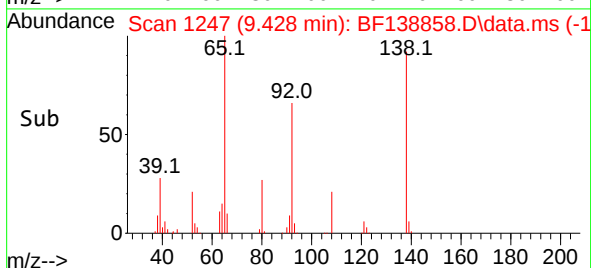
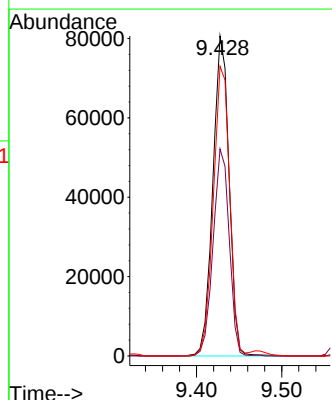
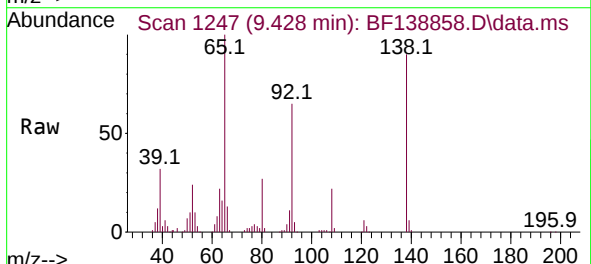
08/09/2024
Supervised By :mohammad
ahmed

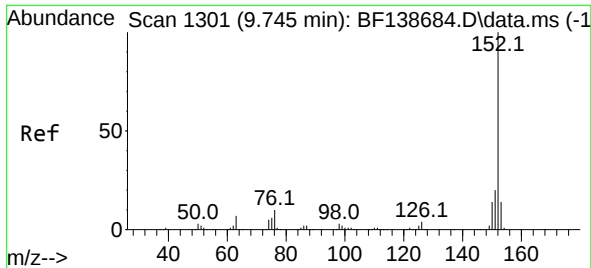
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#48
2-Nitroaniline
Concen: 47.438 ng
RT: 9.428 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 65 Resp: 106316
Ion Ratio Lower Upper
65 100
92 64.7 52.0 78.0
138 90.5 76.2 114.4





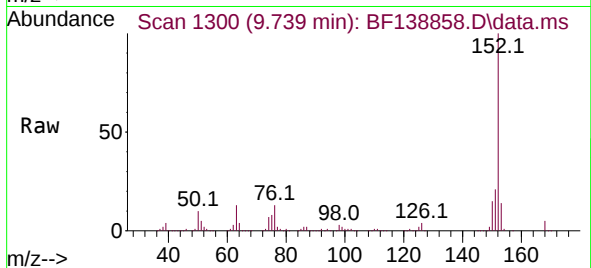
#49
Acenaphthylene
Concen: 48.845 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

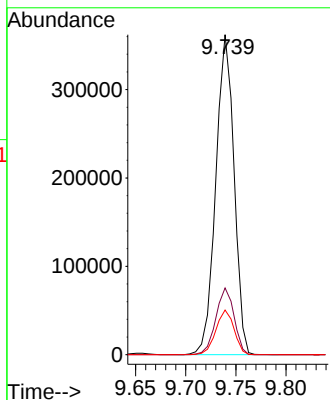
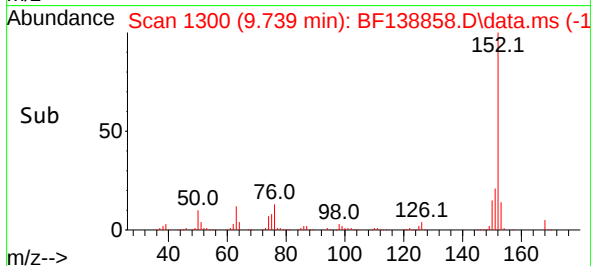
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Tgt Ion:152 Resp: 457970
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 14.0 11.0 16.4

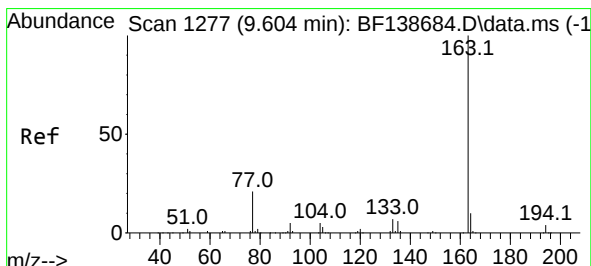
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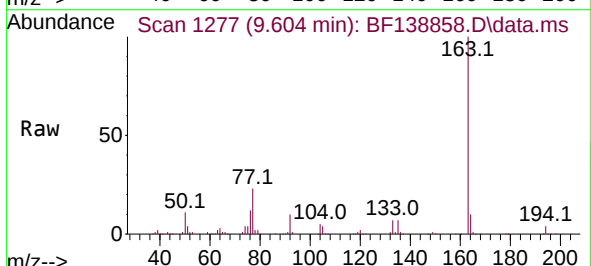


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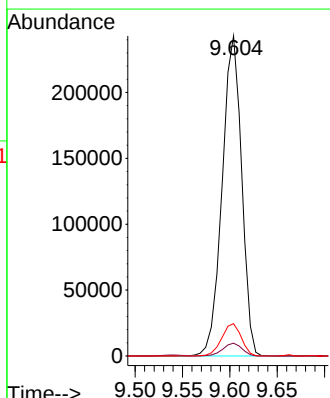
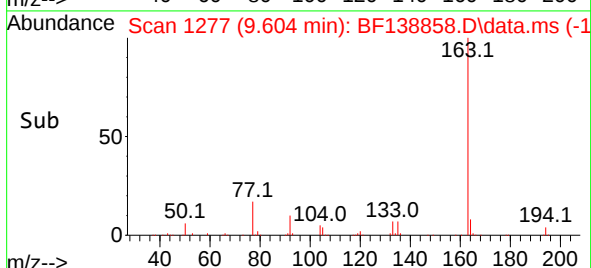
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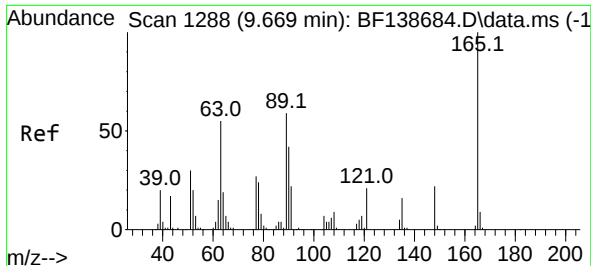


#50
Dimethylphthalate
Concen: 47.859 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion:163 Resp: 347313
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 7.8 11.8





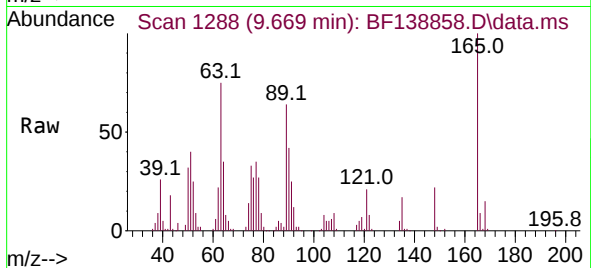
#51
2,6-Dinitrotoluene
Concen: 47.144 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

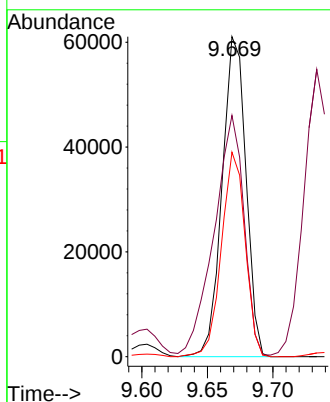
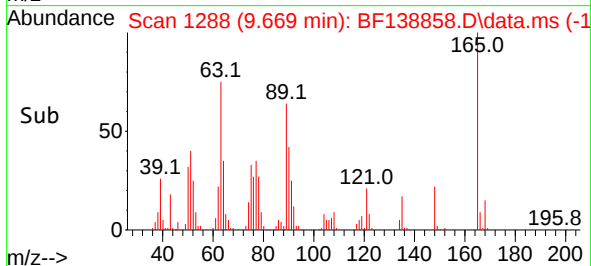
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Tgt Ion:165 Resp: 7721
Ion Ratio Lower Upper
165 100
63 75.4 52.0 78.0
89 63.9 47.0 70.6

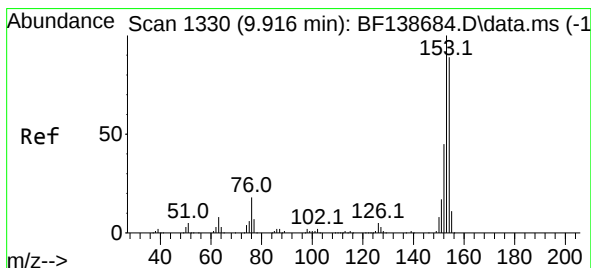
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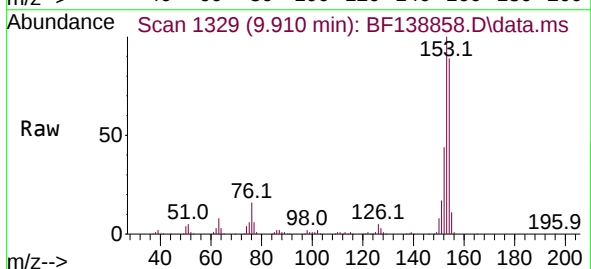


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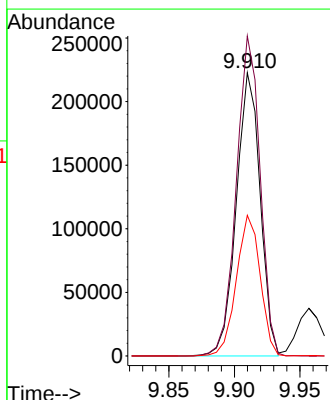
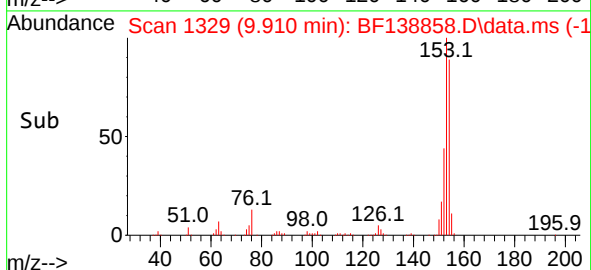
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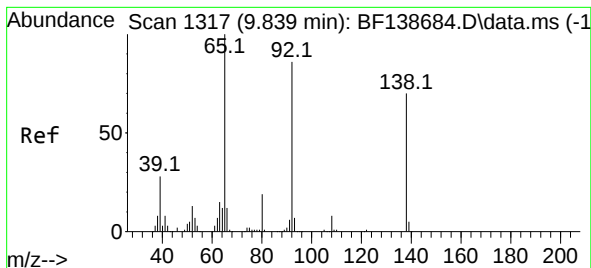


#52
Acenaphthene
Concen: 44.807 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion:154 Resp: 282408
Ion Ratio Lower Upper
154 100
153 113.0 89.9 134.9
152 49.7 40.6 60.8





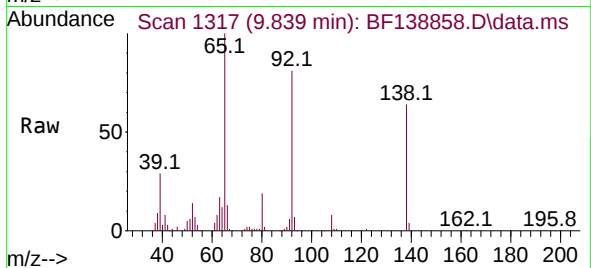
#53
3-Nitroaniline
Concen: 32.076 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

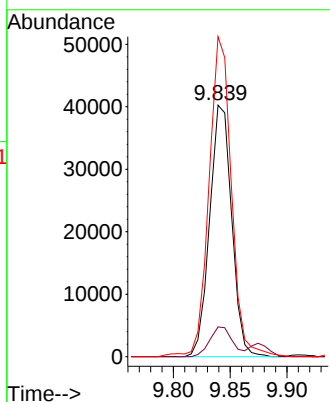
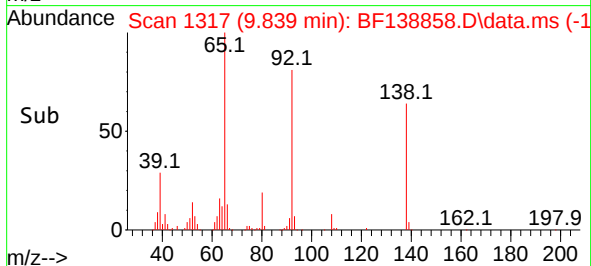
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Tgt Ion:138 Resp: 54308
Ion Ratio Lower Upper
138 100
108 11.8 9.1 13.7
92 127.2 98.7 148.1

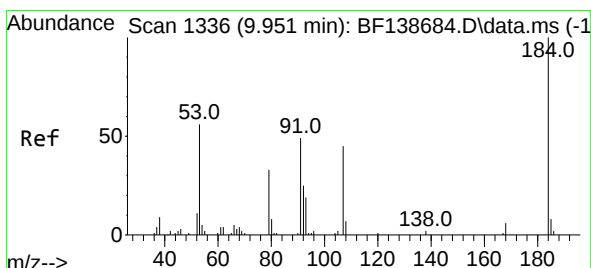
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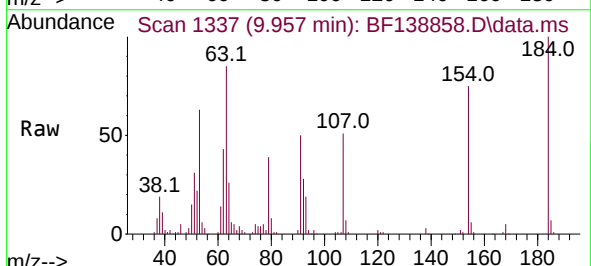


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Supervised By :mohammad
ahmed

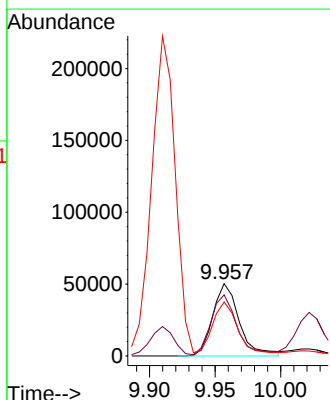
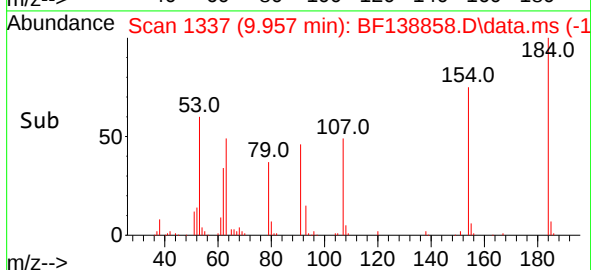
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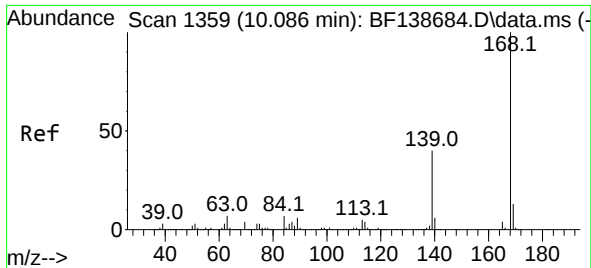


#54
2,4-Dinitrophenol
Concen: 93.816 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion:184 Resp: 70730
Ion Ratio Lower Upper
184 100
63 84.5 57.5 86.3
154 74.6 51.7 77.5





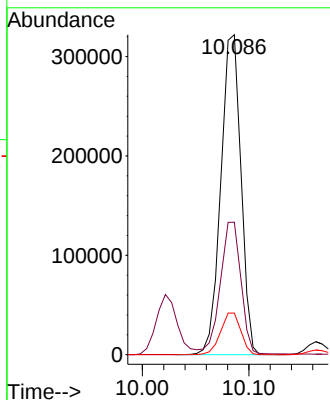
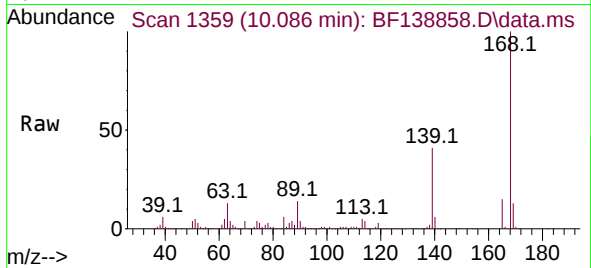
#55
Dibenzenofuran
Concen: 47.462 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB162396BS

Tgt Ion:168 Resp: 42227
Ion Ratio Lower Upper
168 100
139 41.4 32.6 49.0
169 13.0 10.7 16.1

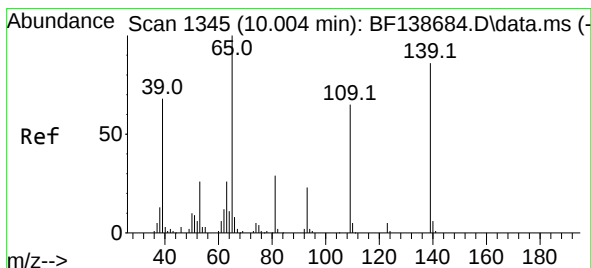
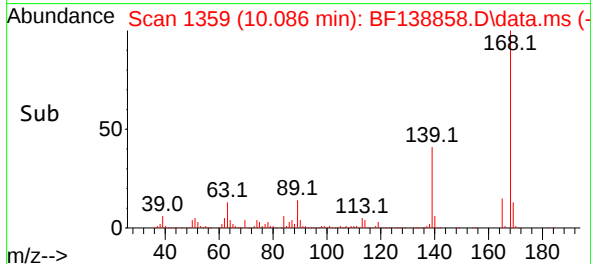
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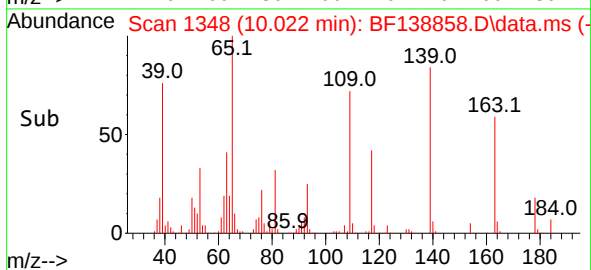
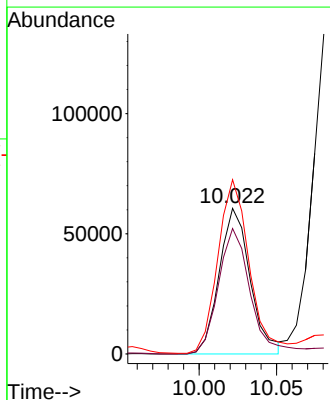
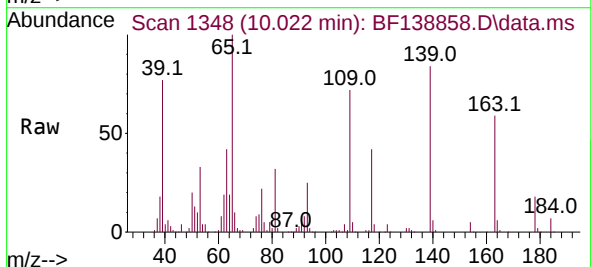
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#56
4-Nitrophenol
Concen: 82.802 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:139 Resp: 84304
Ion Ratio Lower Upper
139 100
109 86.1 55.5 95.5
65 119.6 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 49.082 ng
RT: 10.080 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

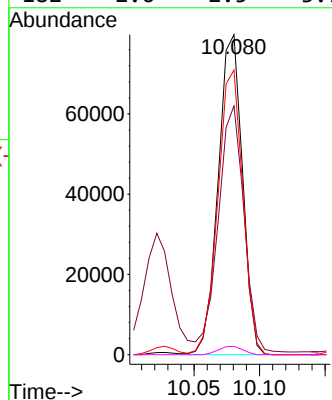
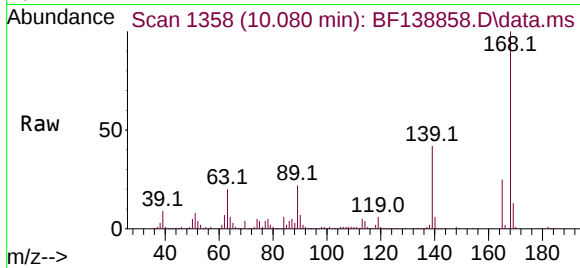
ClientSampleId :

PB162396BS

Tgt Ion:165 Resp: 102558
Ion Ratio Lower Upper
165 100
63 77.8 46.3 69.5
89 89.0 64.2 96.4
182 2.6 2.5 3.7

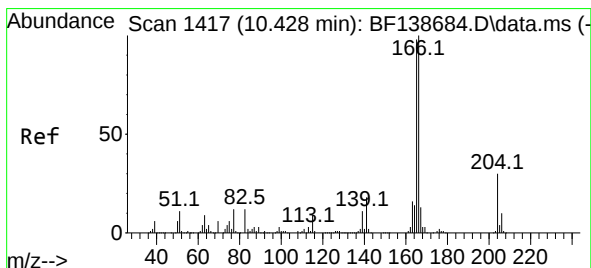
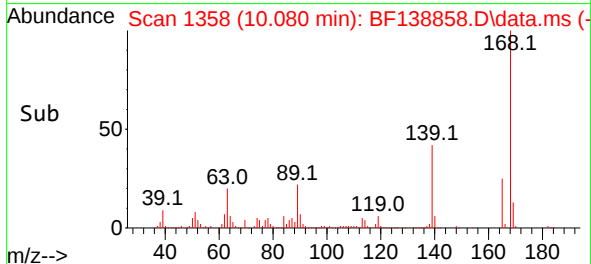
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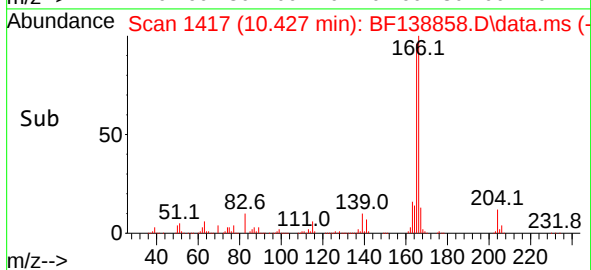
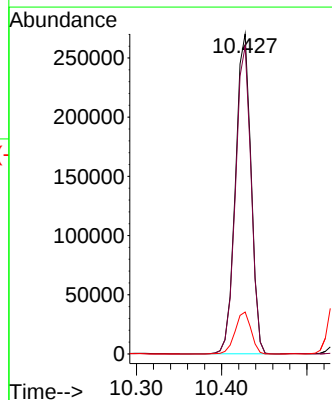
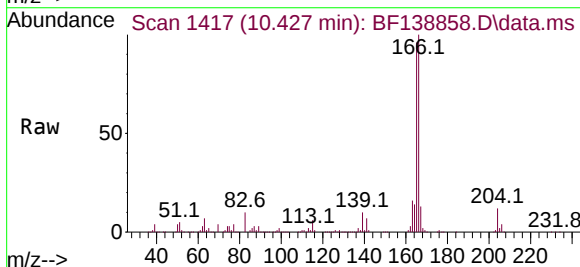
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Supervised By :mohammad
ahmed

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#58
Fluorene
Concen: 48.277 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

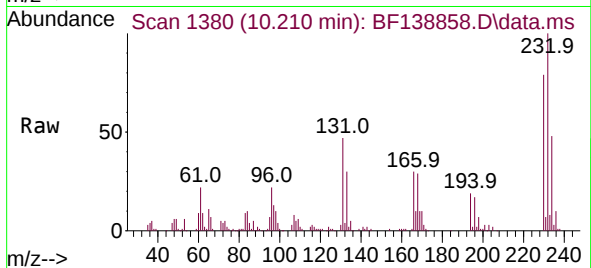
Tgt Ion:166 Resp: 342043
Ion Ratio Lower Upper
166 100
165 96.1 78.4 117.6
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.575 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

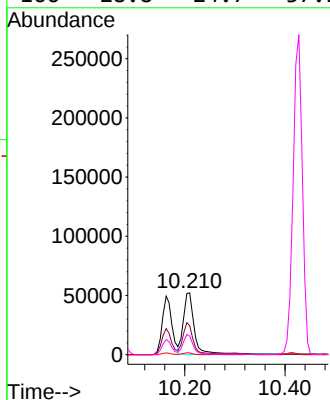
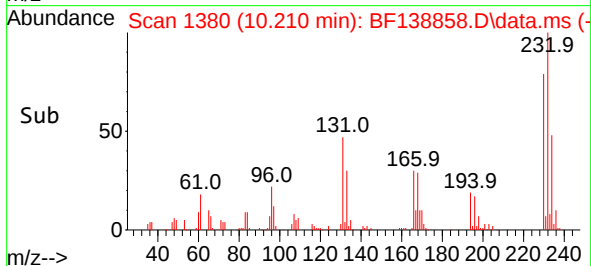
Instrument :
BNA_F
ClientSampleId :
PB162396BS



Tgt Ion:232 Resp: 7964
Ion Ratio Lower Upper
232 100
131 48.1 37.0 55.4
130 2.6 2.0 3.0
166 28.8 24.7 37.1

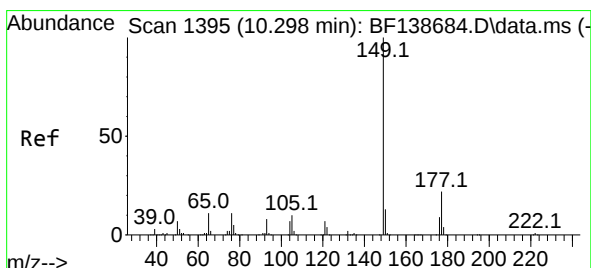
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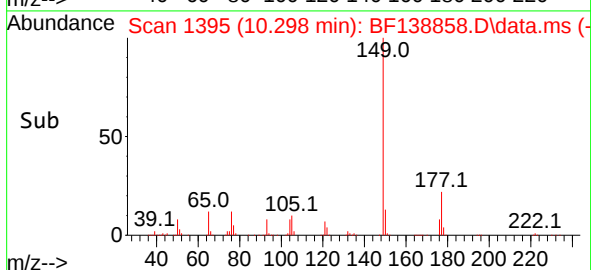
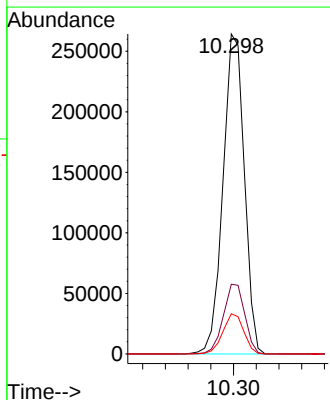
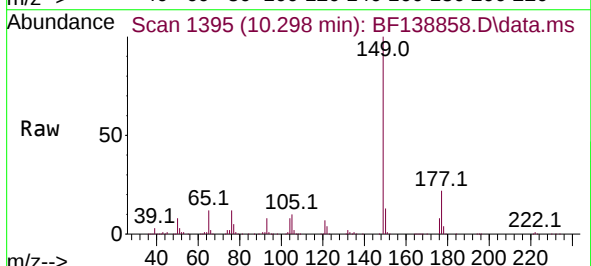
08/09/2024
Supervised By :mohammad
ahmed

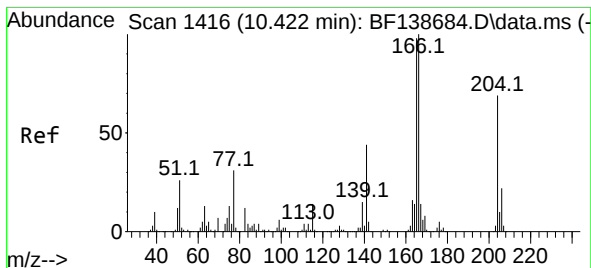
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#60
Diethylphthalate
Concen: 50.029 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:149 Resp: 344246
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.8
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.835 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

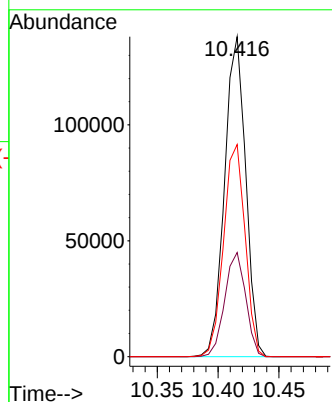
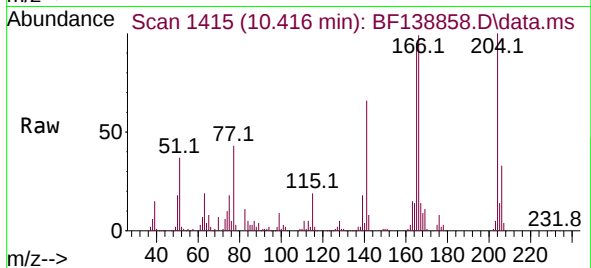
ClientSampleId :

PB162396BS

Tgt Ion:204 Resp: 16668
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 66.3 51.4 77.0

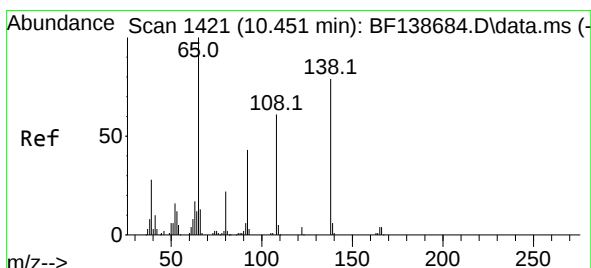
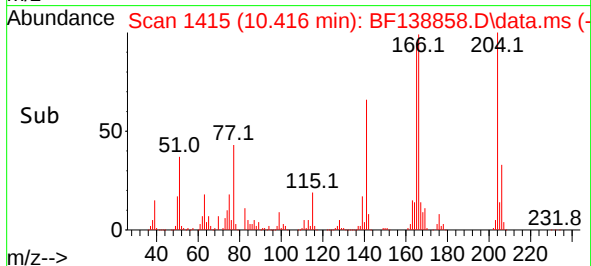
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Reviewed By :Yogesh
Patel



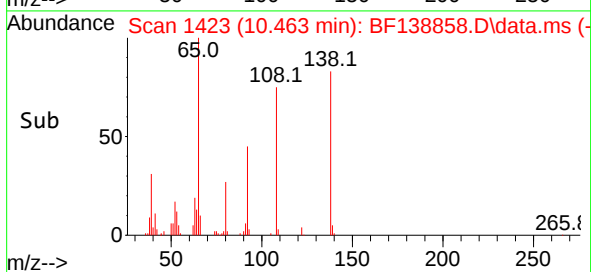
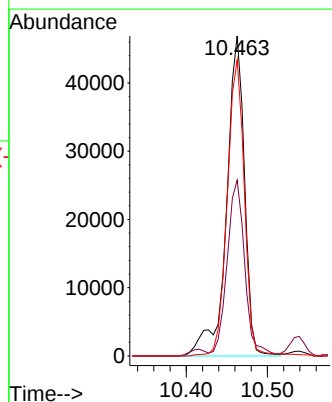
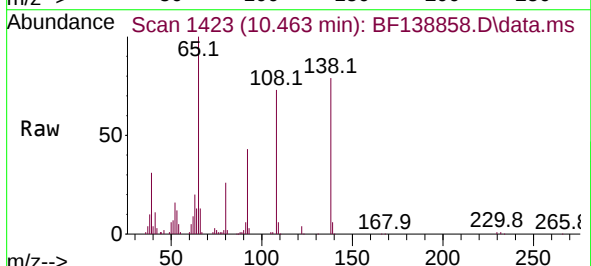
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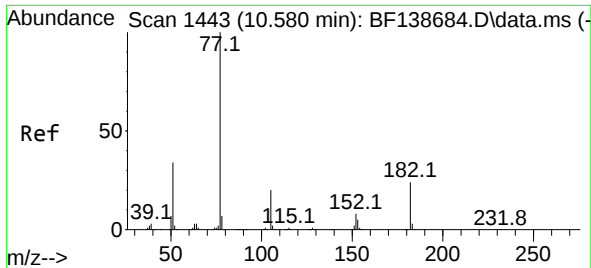
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#62
4-Nitroaniline
Concen: 44.997 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:138 Resp: 72398
Ion Ratio Lower Upper
138 100
92 54.9 34.2 74.2
108 92.6 56.2 96.2





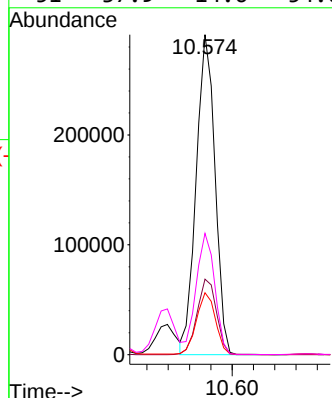
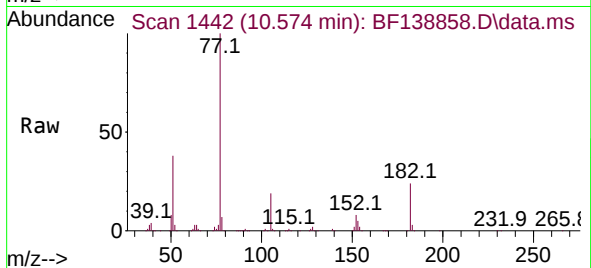
#63
Azobenzene
Concen: 47.021 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB162396BS

Tgt Ion: 77 Resp: 358840
Ion Ratio Lower Upper
77 100
182 23.6 3.4 43.4
105 19.4 0.2 40.2
51 37.9 14.6 54.6

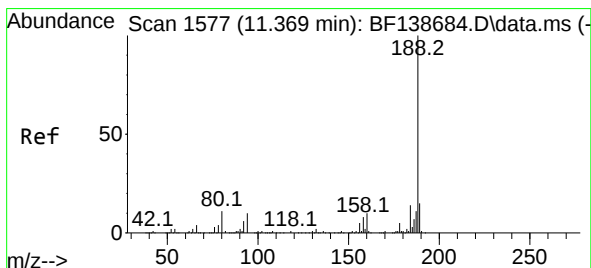
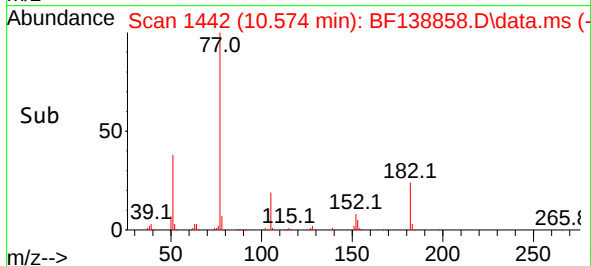
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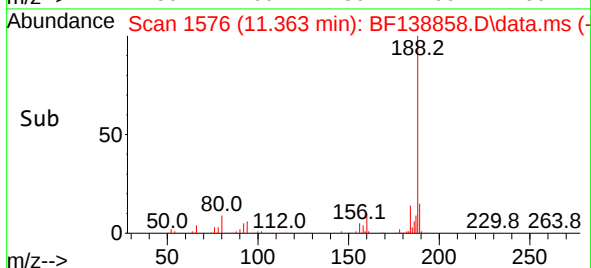
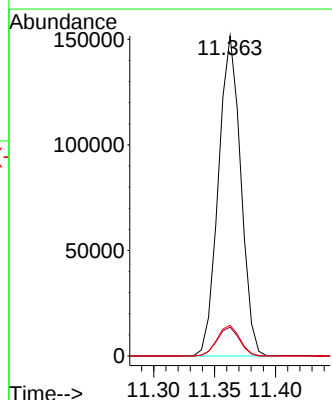
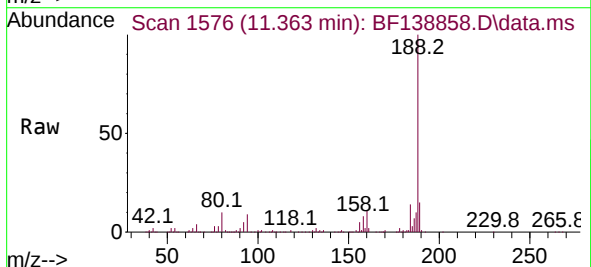
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Supervised By :mohammad
ahmed

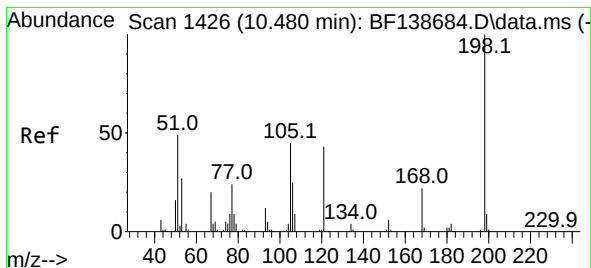
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:188 Resp: 193771
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.6 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.884 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

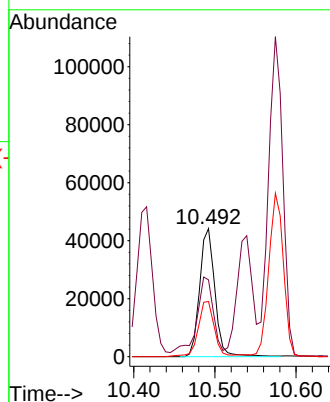
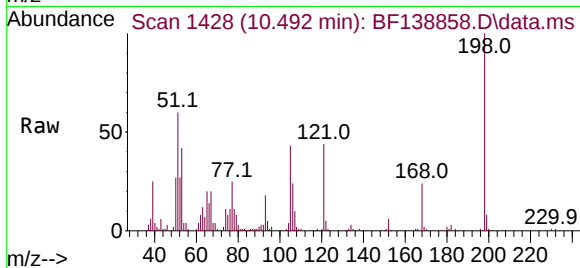
ClientSampleId :

PB162396BS

Tgt Ion:198 Resp: 57789
Ion Ratio Lower Upper
198 100
51 60.0 39.9 79.9
105 43.2 26.1 66.1

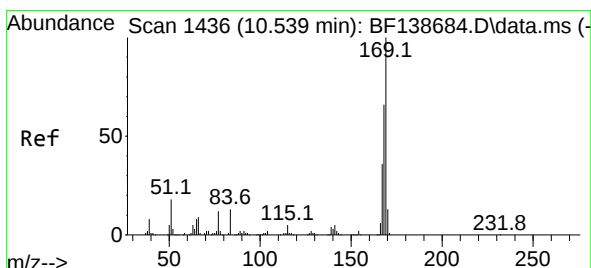
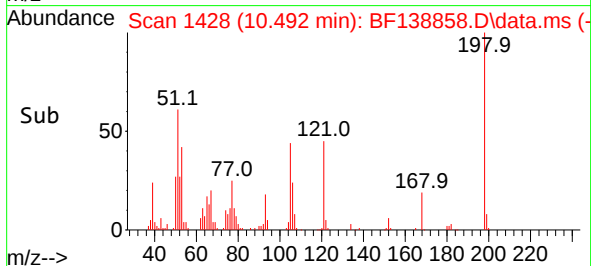
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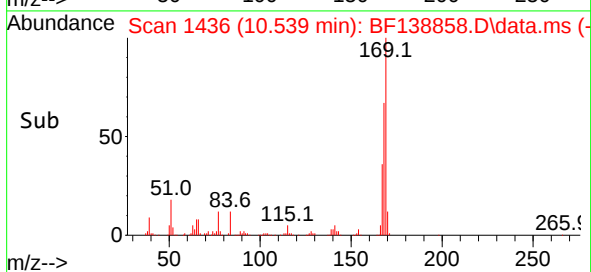
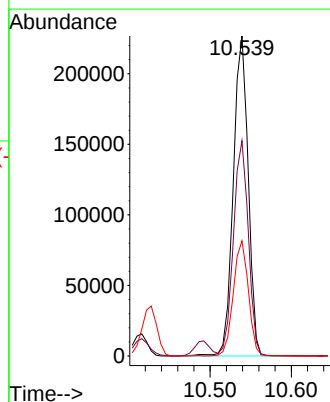
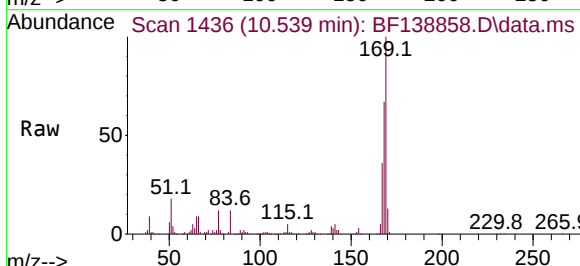
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Supervised By :mohammad
ahmed

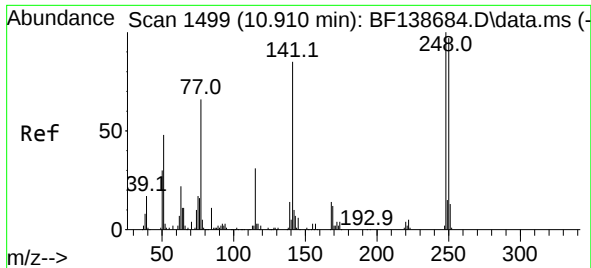
08/09/2024



#66
n-Nitrosodiphenylamine
Concen: 47.596 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:169 Resp: 288282
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.008 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

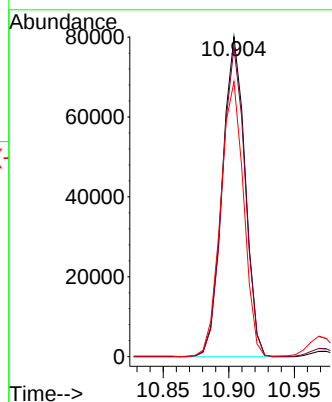
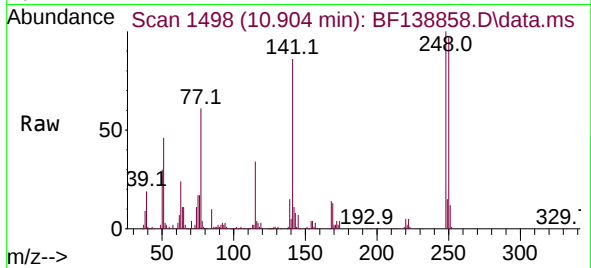
ClientSampleId :

PB162396BS

Tgt Ion:248 Resp: 9652
Ion Ratio Lower Upper
248 100
250 96.7 77.7 116.5
141 85.9 68.0 102.0

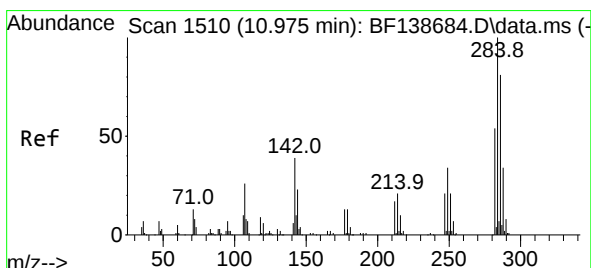
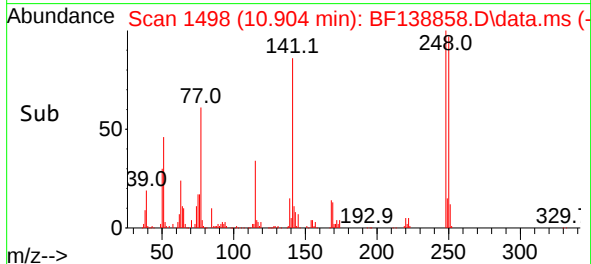
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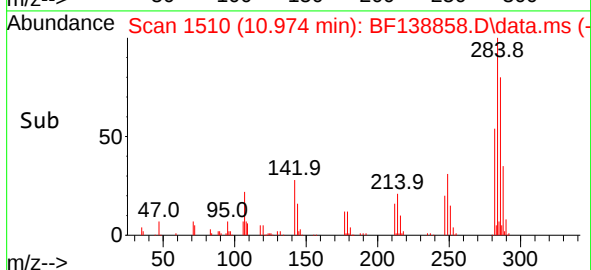
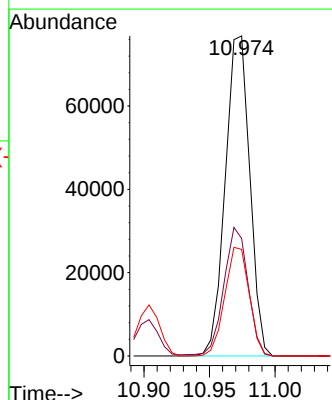
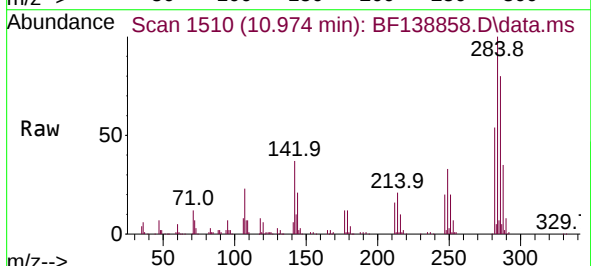
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#68
Hexachlorobenzene
Concen: 46.161 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:284 Resp: 99992
Ion Ratio Lower Upper
284 100
142 36.7 31.3 46.9
249 33.3 27.2 40.8





#69

Atrazine

Concen: 54.183 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

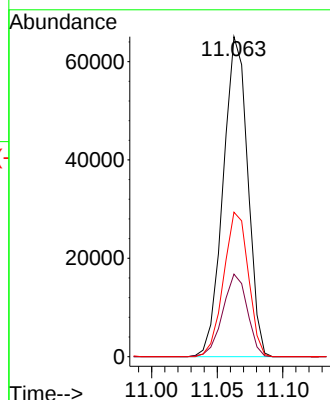
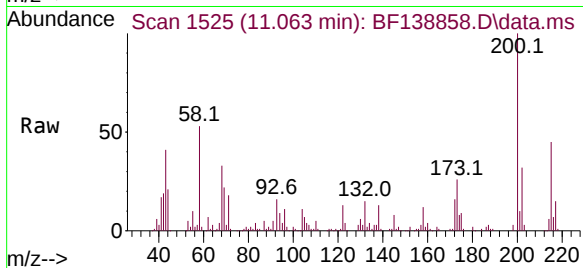
ClientSampleId :

PB162396BS

Tgt Ion:200 Resp: 84670
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.0 46.0
 215 45.2 26.1 66.1

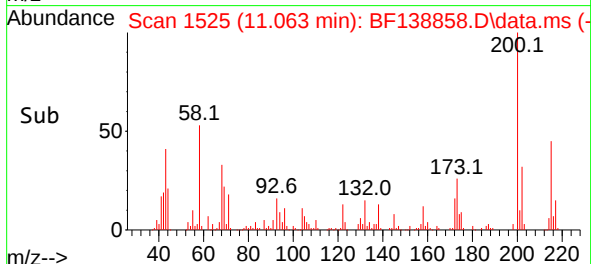
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#70

Pentachlorophenol

Concen: 75.845 ng

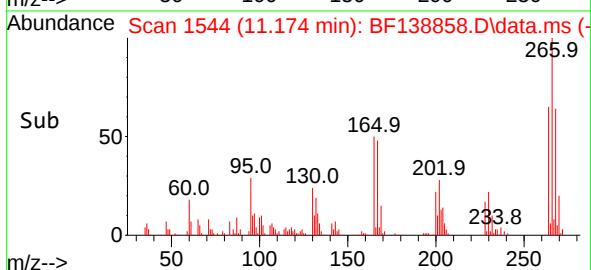
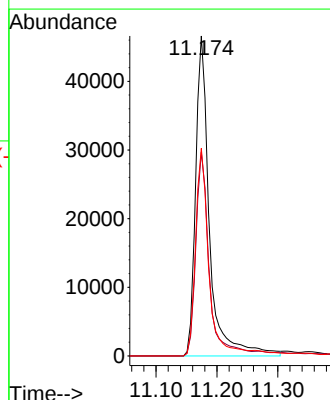
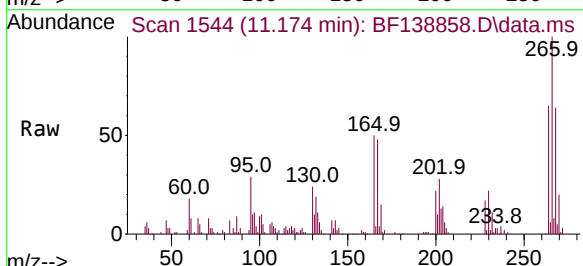
RT: 11.174 min Scan# 1544

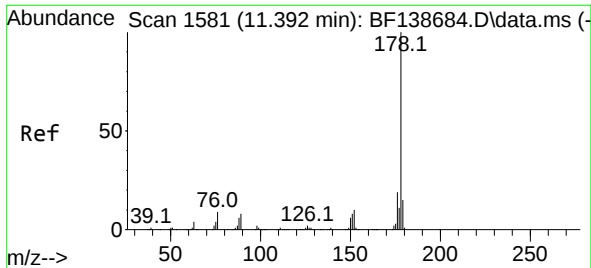
Delta R.T. -0.001 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Tgt Ion:266 Resp: 74053
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.2 73.8
 264 64.9 49.8 74.6





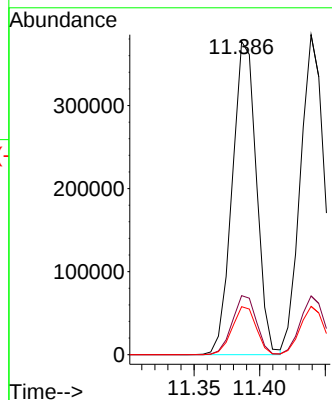
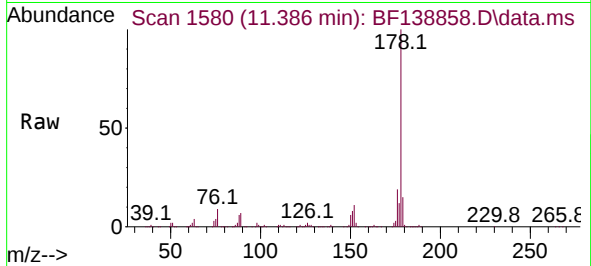
#71
Phenanthrene
Concen: 48.460 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB162396BS

Tgt Ion:178 Resp: 483511
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.3 12.2 18.2

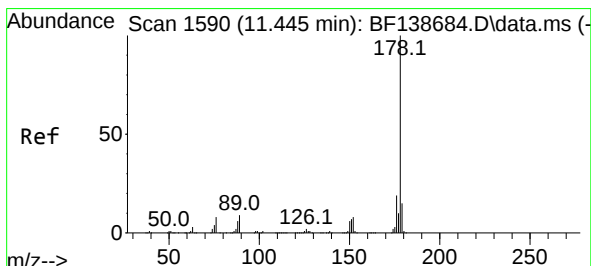
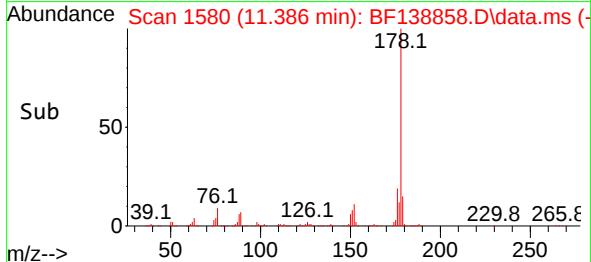
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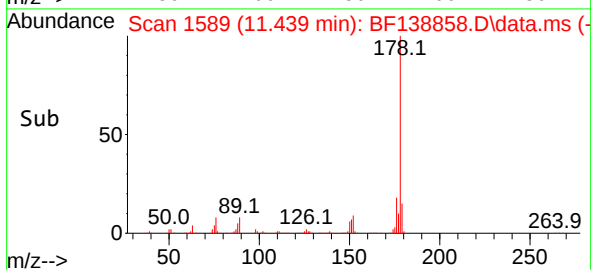
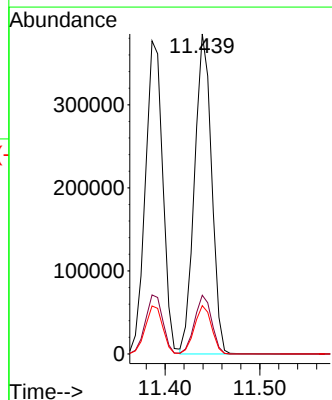
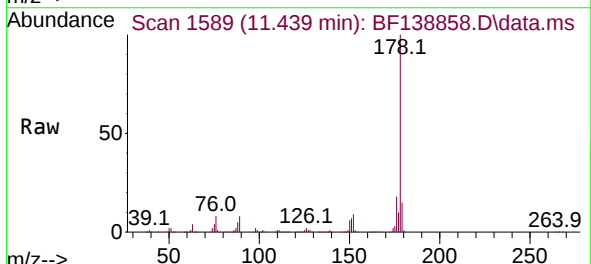
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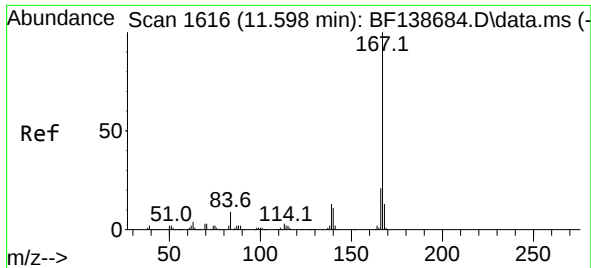
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#72
Anthracene
Concen: 49.187 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

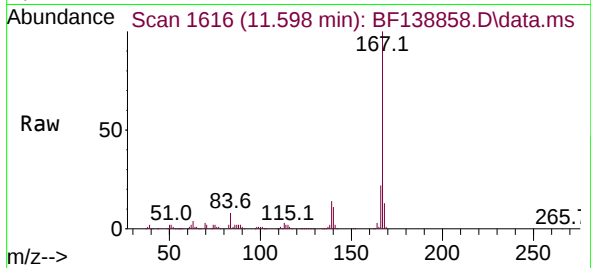
Tgt Ion:178 Resp: 483474
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.1 12.4 18.6





#73
 Carbazole
 Concen: 47.629 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138858.D
 Acq: 08 Aug 2024 11:19

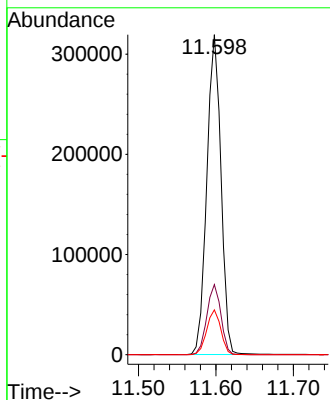
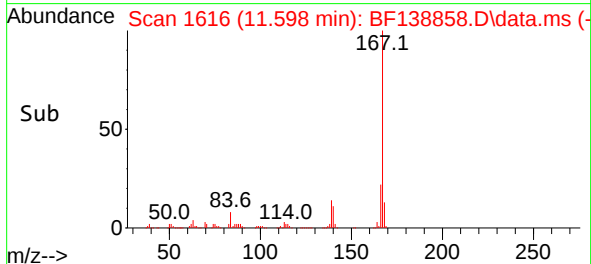
Instrument :
 BNA_F
 ClientSampleId :
 PB162396BS



Tgt Ion:167 Resp: 403908
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 14.0 10.6 16.0

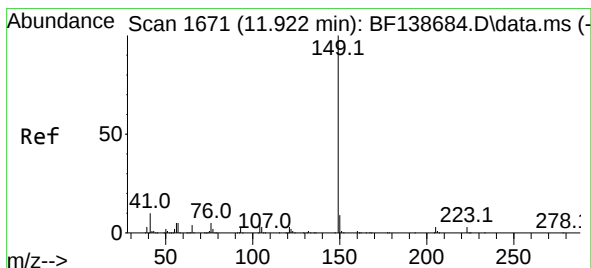
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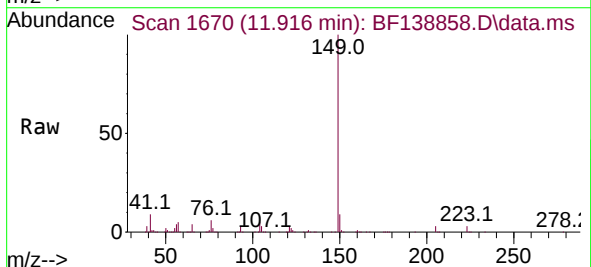


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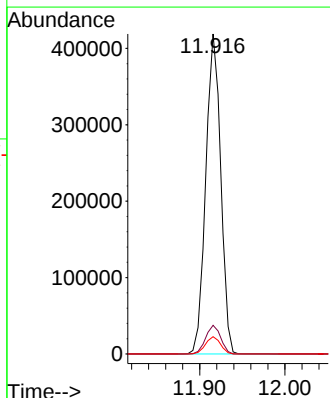
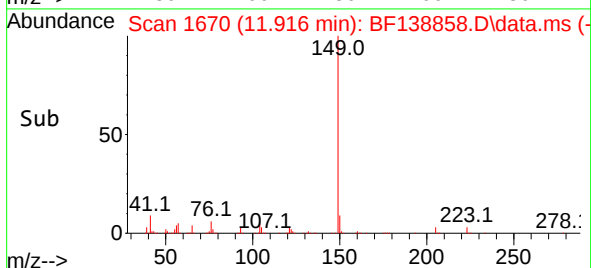
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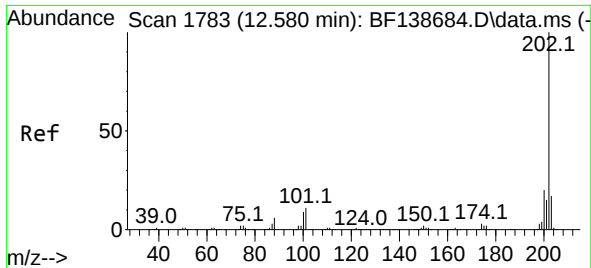


#74
 Di-n-butylphthalate
 Concen: 53.469 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138858.D
 Acq: 08 Aug 2024 11:19



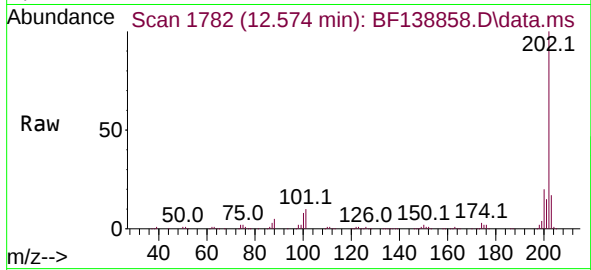
Tgt Ion:149 Resp: 509726
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 48.640 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

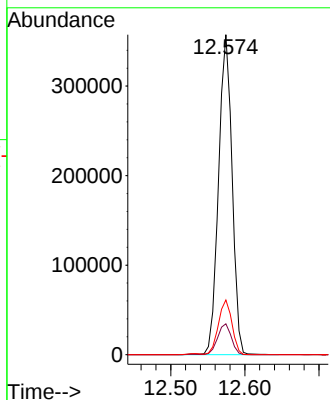
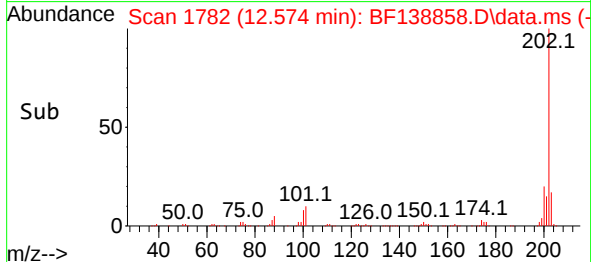
Instrument :
BNA_F
ClientSampleId :
PB162396BS



Tgt Ion:202 Resp: 45306
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.2
203 17.1 0.0 37.3

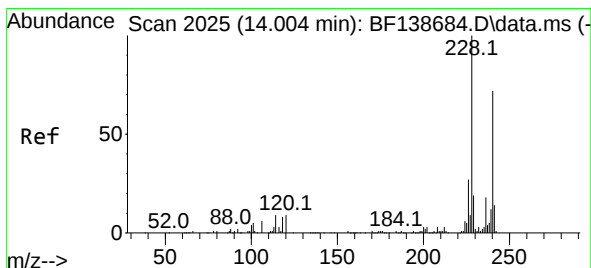
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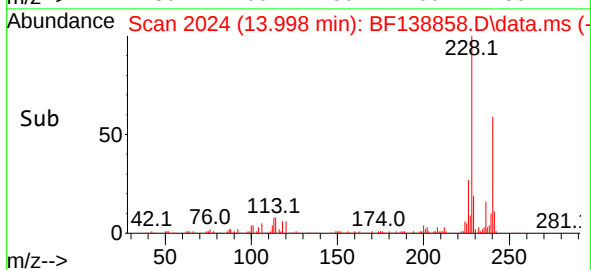
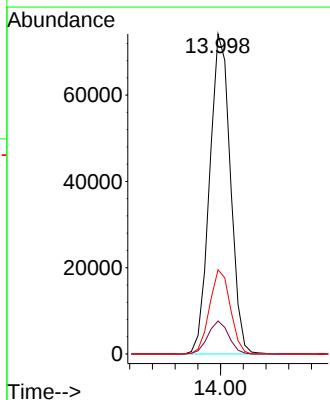
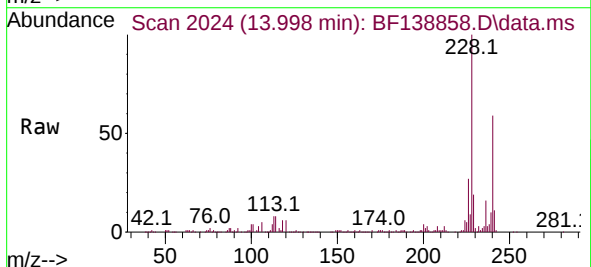
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ahmed

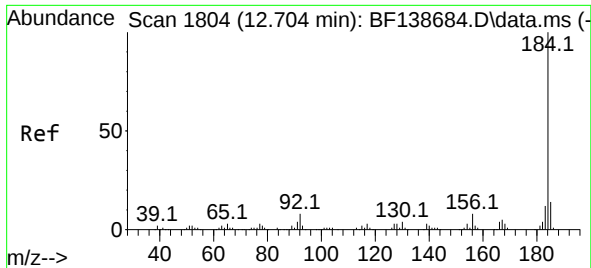
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

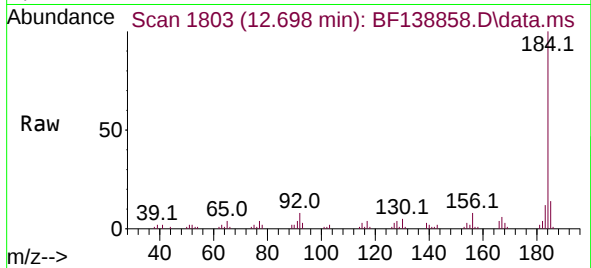
Tgt Ion:240 Resp: 94221
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 26.3 19.8 29.8





#77
Benzidine
Concen: 15.153 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

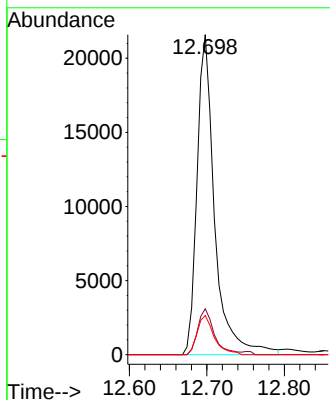
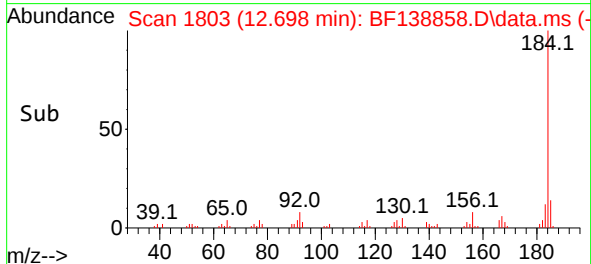
Instrument :
BNA_F
ClientSampleId :
PB162396BS



Tgt Ion:184 Resp: 34149
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 12.2 9.6 14.4

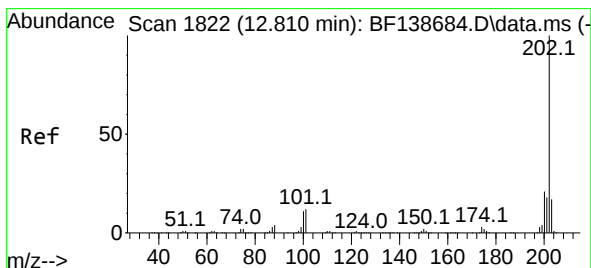
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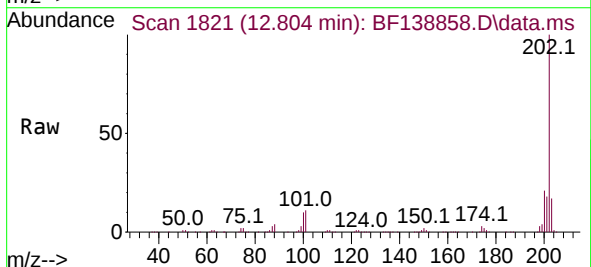


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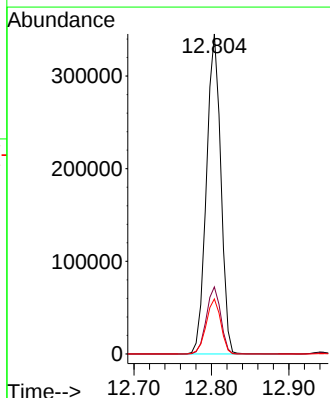
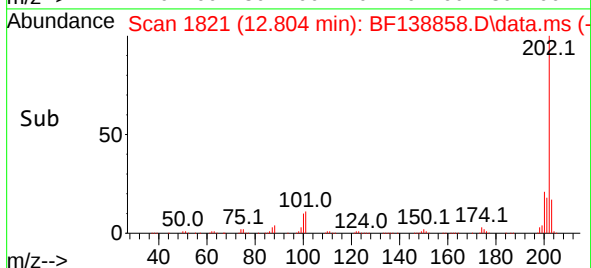
08/09/2024



#78
Pyrene
Concen: 49.988 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion:202 Resp: 443456
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.2 13.8 20.6





#79
 Terphenyl-d14
 Concen: 113.395 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138858.D
 Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

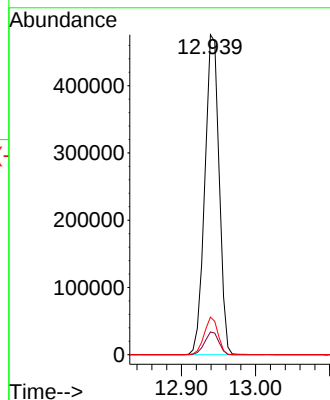
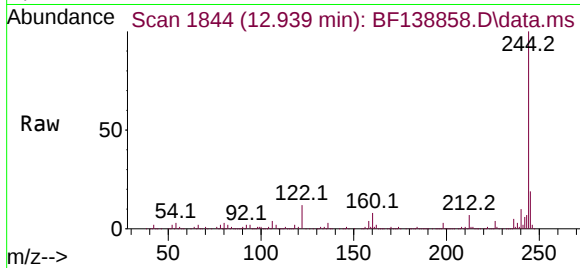
ClientSampleId :

PB162396BS

Tgt Ion:244 Resp: 638139
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.7 9.6 14.4

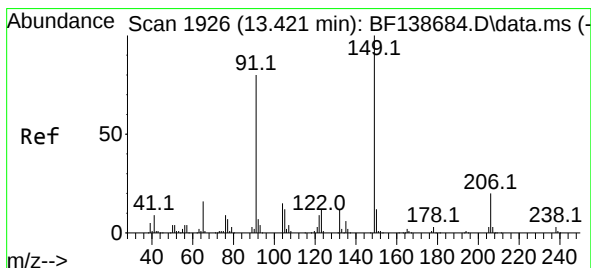
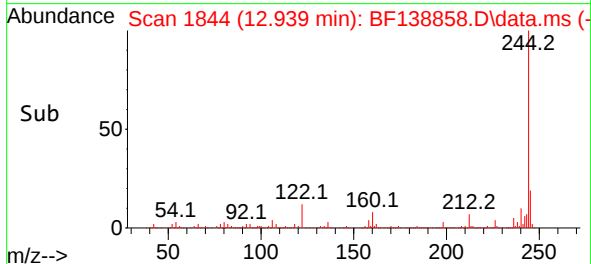
Manual Integrations
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Reviewed By :Yogesh
 Patel



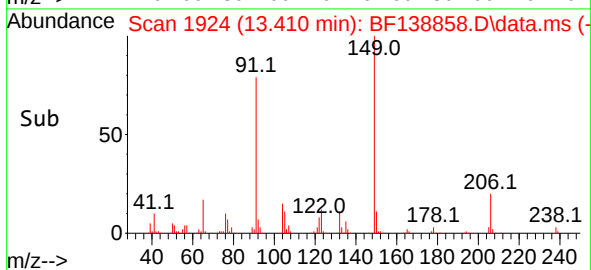
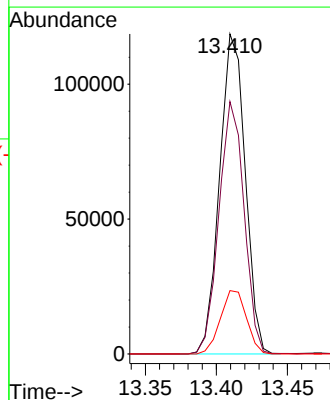
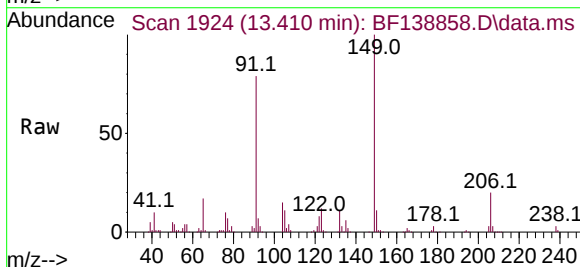
08/09/2024
 Supervised By :mohammad
 ahmed

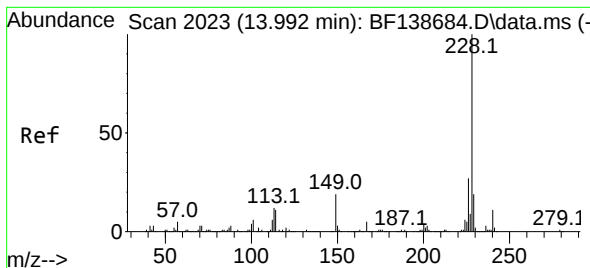
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#80
 Butylbenzylphthalate
 Concen: 52.377 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138858.D
 Acq: 08 Aug 2024 11:19

Tgt Ion:149 Resp: 148793
 Ion Ratio Lower Upper
 149 100
 91 78.8 63.7 95.5
 206 19.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 48.613 ng

RT: 13.986 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138858.D

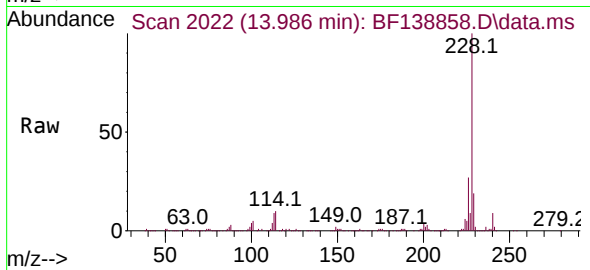
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS



Tgt Ion:228 Resp: 31541

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

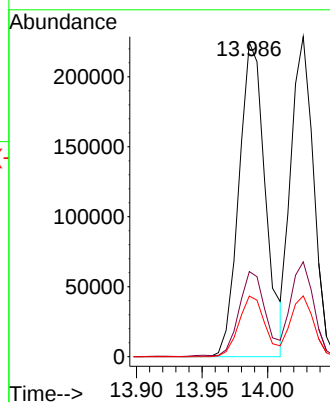
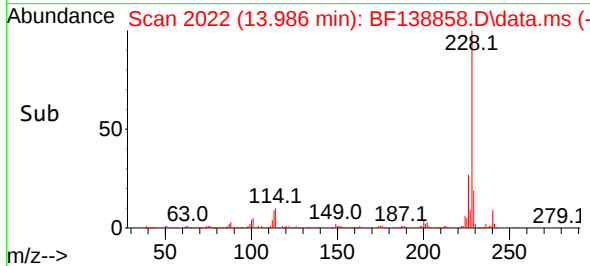
229 19.3 15.4 23.0

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Reviewed By :Yogesh

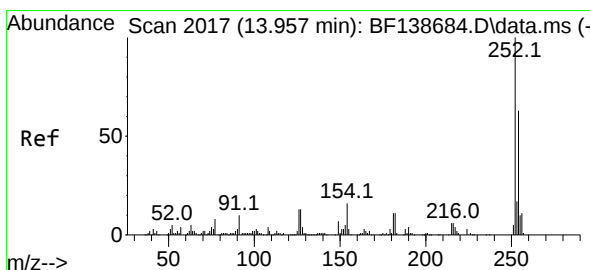
Patel



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ahmed

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#82

3,3'-Dichlorobenzidine

Concen: 35.387 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

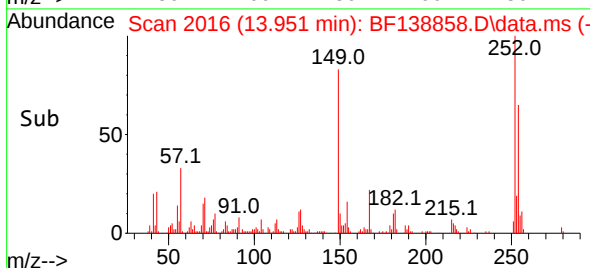
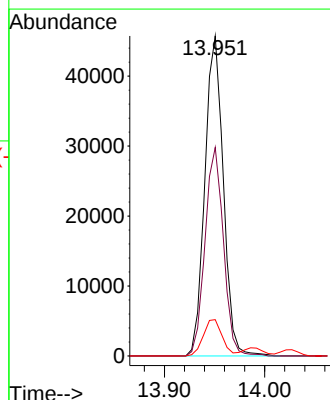
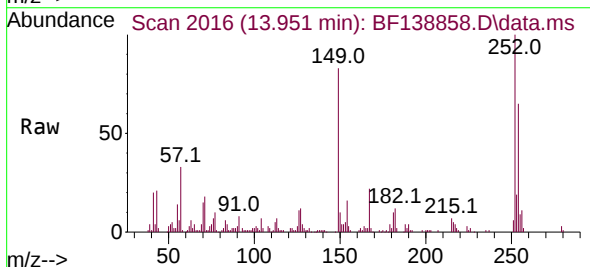
Tgt Ion:252 Resp: 58755

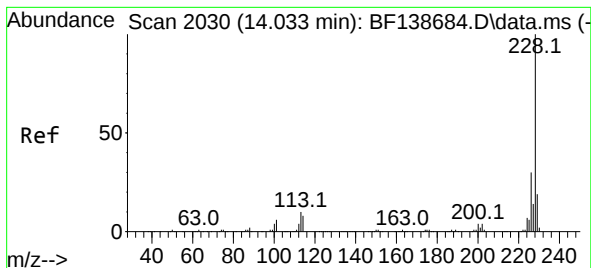
Ion Ratio Lower Upper

252 100

254 65.1 50.8 76.2

126 11.3 10.2 15.2





#83

Chrysene

Concen: 46.658 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

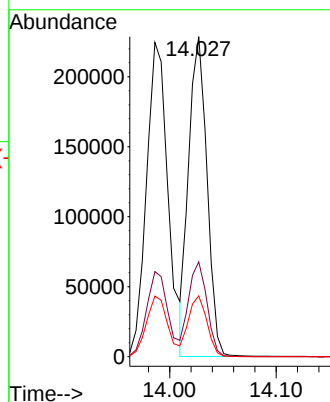
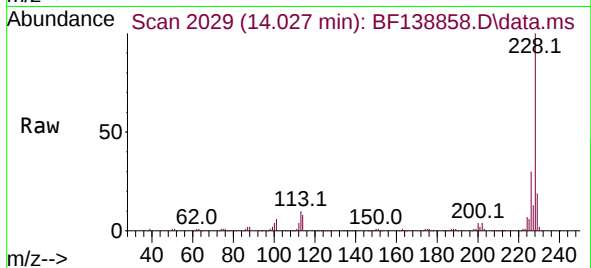
ClientSampleId :

PB162396BS

Tgt Ion:	228	Resp:	27311
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.7	35.5
229	19.0	15.0	22.6

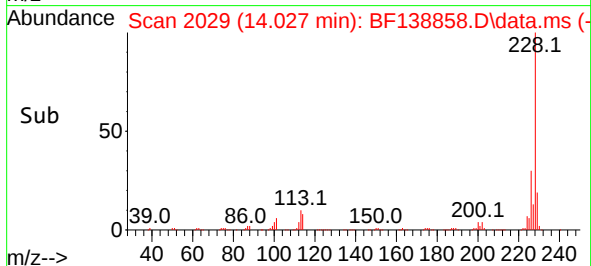
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Reviewed By :Yogesh
Patel



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ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.426 ng

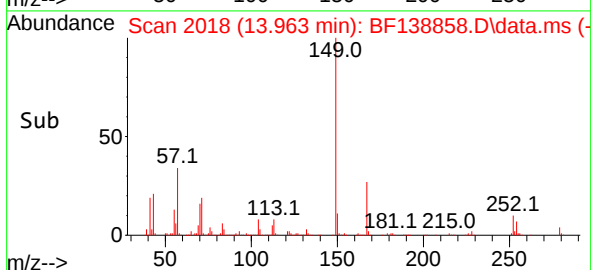
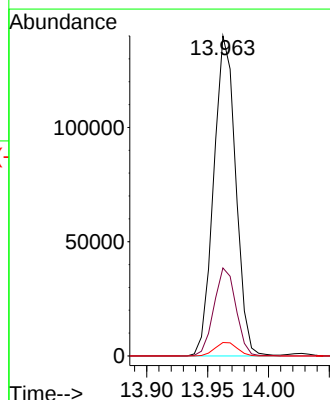
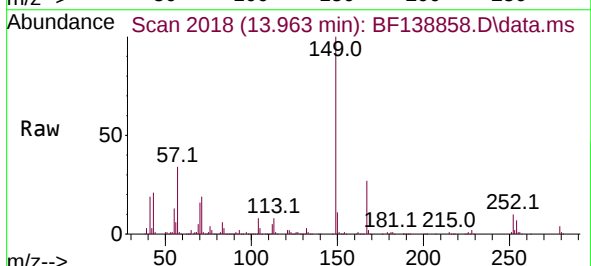
RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Tgt Ion:	149	Resp:	176488
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.2	33.4
279	4.2	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 37.161 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

Tgt Ion:149 Resp: 286009

Ion Ratio Lower Upper

149 100

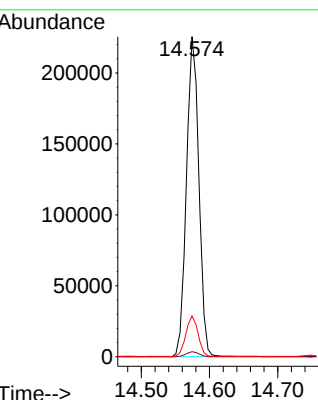
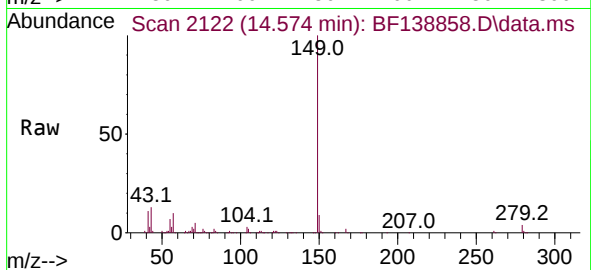
167 1.6 1.4 2.0

43 12.4 10.4 15.6

Manual Integrations

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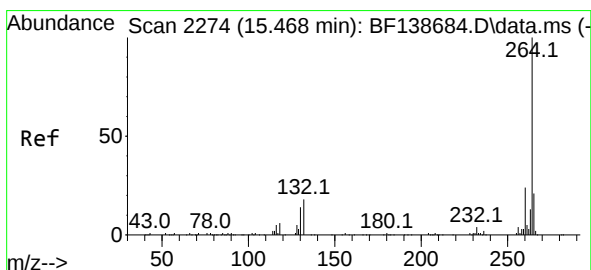
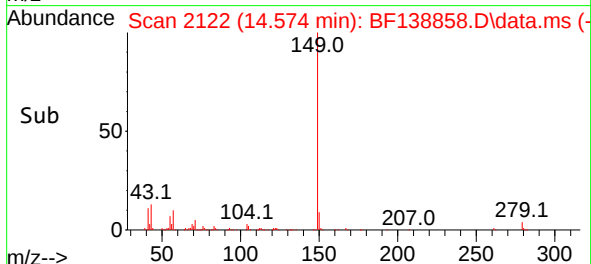
Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

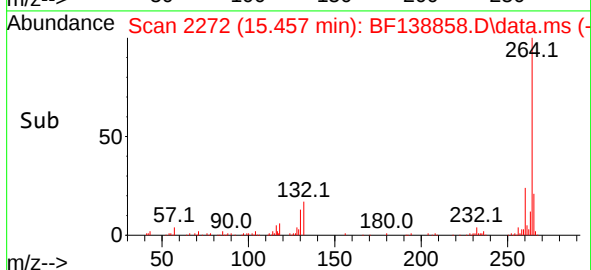
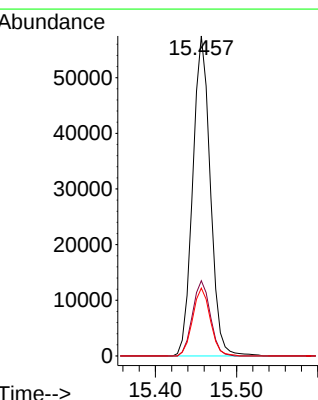
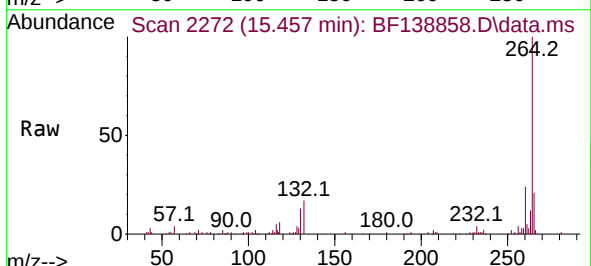
Tgt Ion:264 Resp: 86275

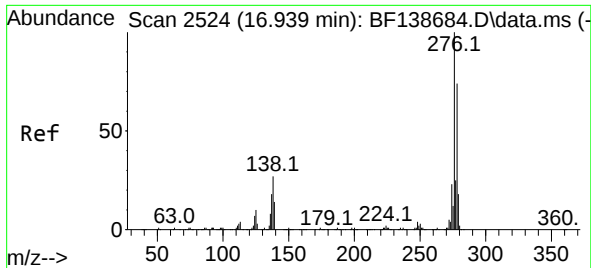
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.2 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.753 ng
RT: 16.933 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

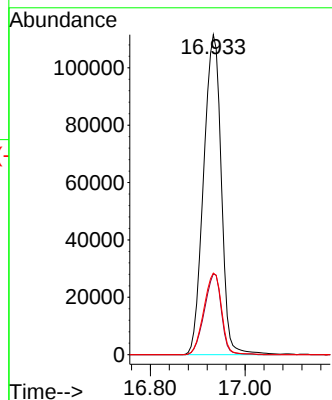
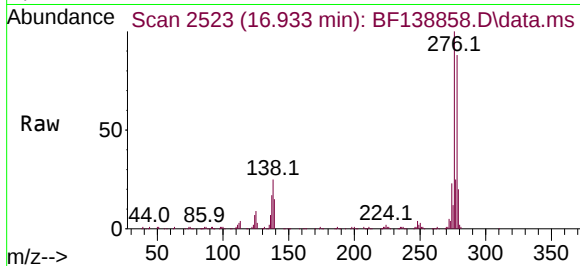
ClientSampleId :

PB162396BS

Tgt Ion:276 Resp: 28906
Ion Ratio Lower Upper
276 100
138 24.2 21.8 32.8
277 25.6 20.6 30.8

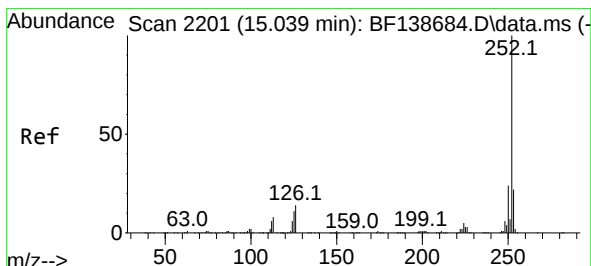
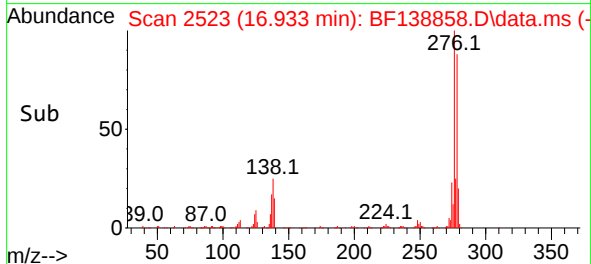
Manual Integrations
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Reviewed By :Yogesh
Patel



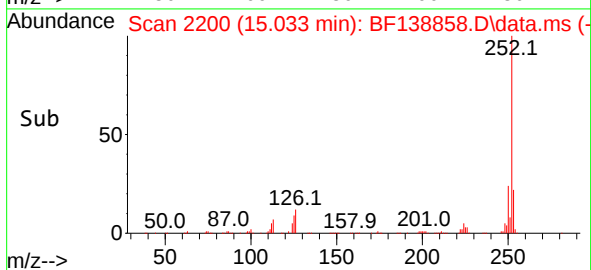
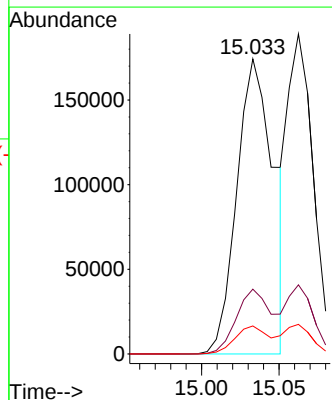
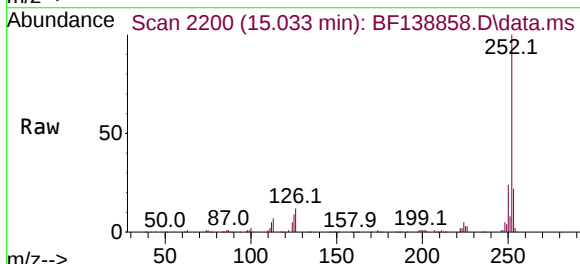
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Supervised By :mohammad
ahmed

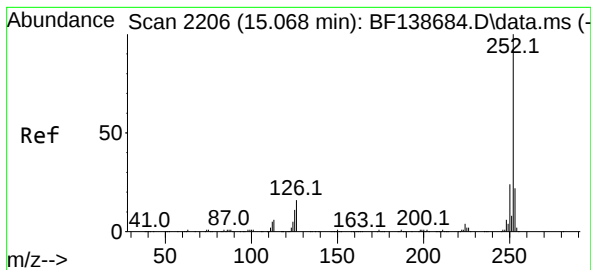
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#88
Benzo(b)fluoranthene
Concen: 53.786 ng
RT: 15.033 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:252 Resp: 287658
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 47.521 ng

RT: 15.062 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

Tgt Ion:252 Resp: 220049

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

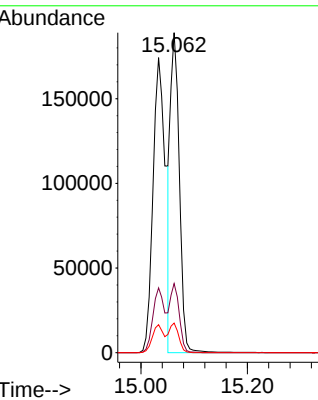
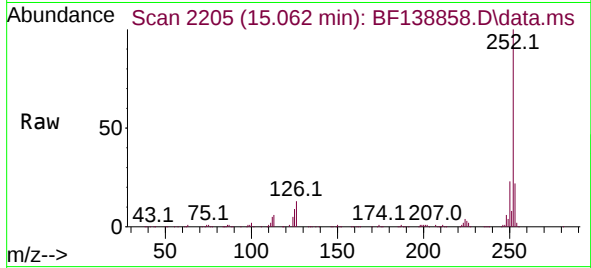
125 9.3 8.6 13.0

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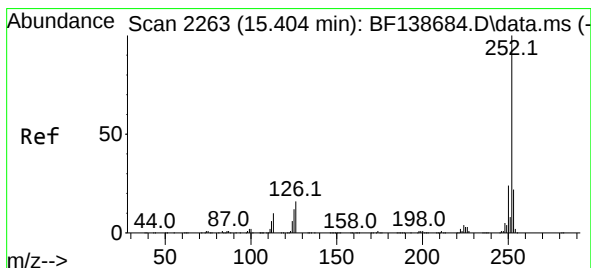
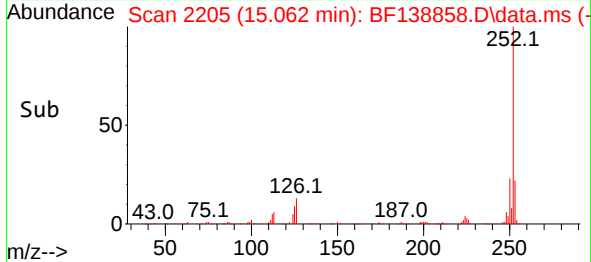
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#90

Benzo(a)pyrene

Concen: 51.891 ng

RT: 15.398 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

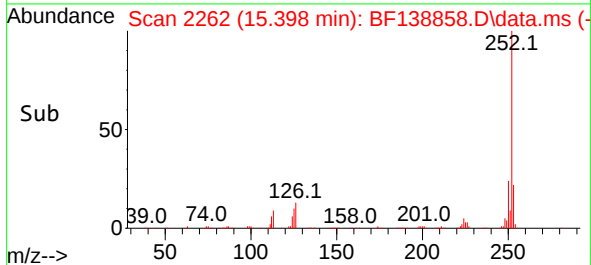
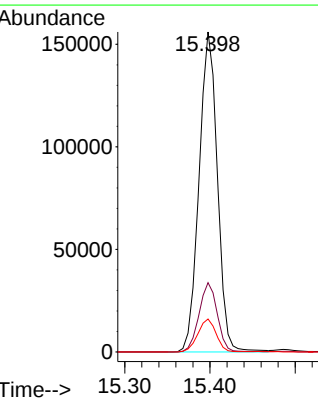
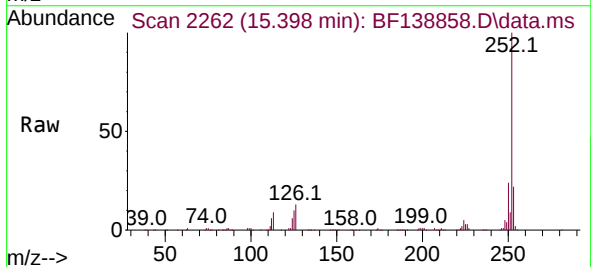
Tgt Ion:252 Resp: 233439

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

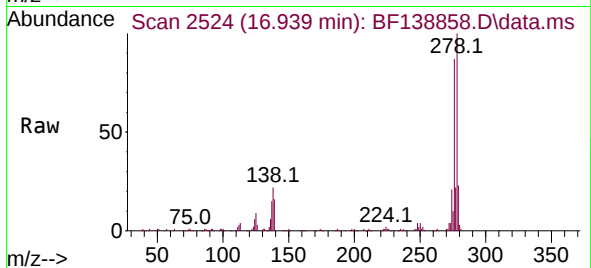
125 10.3 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 46.935 ng
RT: 16.939 min Scan# 2526
Delta R.T. -0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

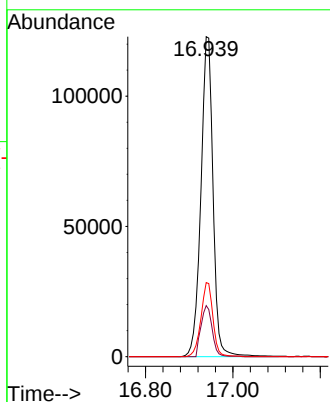
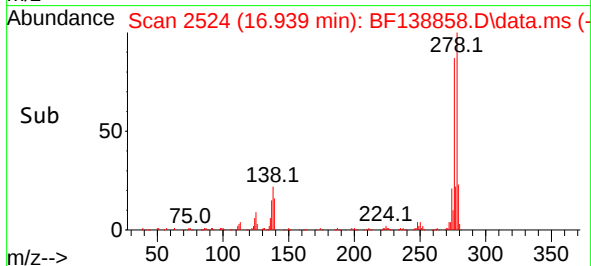
Instrument :
BNA_F
ClientSampleId :
PB162396BS



Tgt Ion: 278 Resp: 238208
Ion Ratio Lower Upper
278 100
139 15.9 14.0 21.0
279 23.1 19.0 28.4

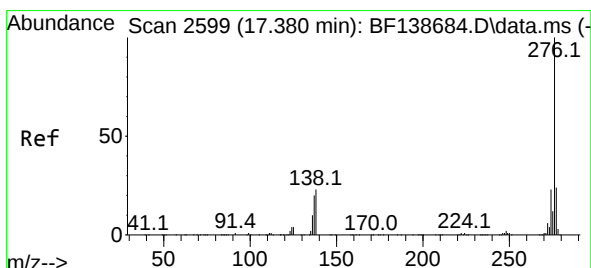
Manual Integrations
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Reviewed By : Yogesh
Patel

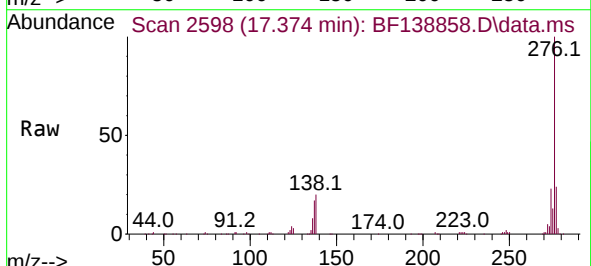


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ahmed

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#92
Benzo(g,h,i)perylene
Concen: 42.213 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion: 276 Resp: 222322
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 19.8 18.5 27.7

