

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130538.D
 Acq On : 05 Oct 2022 19:42
 Operator : CG\JU
 Sample : N4995-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/06/2022
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 06 01:13:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							10/14/2022
1) 1,4-Dichlorobenzene-d4	6.634	152	67987	20.000	ng	0.00	
21) Naphthalene-d8	7.916	136	242920	20.000	ng	0.00	
39) Acenaphthene-d10	9.669	164	106346	20.000	ng	0.00	
64) Phenanthrene-d10	11.145	188	172300	20.000	ng	0.00	
76) Chrysene-d12	13.780	240	174310	20.000	ng	0.00	
86) Perylene-d12	15.168	264	131002	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.245	112	572711	146.108	ng	0.02	
7) Phenol-d6	6.287	99	673062	137.233	ng	0.00	
23) Nitrobenzene-d5	7.204	82	421208	88.584	ng	0.00	
42) 2,4,6-Tribromophenol	10.457	330	151827	148.996	ng	0.00	
45) 2-Fluorobiphenyl	8.992	172	683086	93.535	ng	0.00	
79) Terphenyl-d14	12.733	244	733075	69.665	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.287	88	83903	46.608	ng		97
3) Pyridine	2.957	79	209047	44.516	ng		96
4) n-Nitrosodimethylamine	2.922	42	118950	46.572	ng		96
6) Aniline	6.298	93	244110	40.395	ng	#	15
8) 2-Chlorophenol	6.422	128	228751	51.230	ng		92
9) Benzaldehyde	6.187	77	122544	37.301	ng		91
10) Phenol	6.298	94	273316	47.553	ng	#	75
11) bis(2-Chloroethyl)ether	6.375	93	215426	51.964	ng		95
12) 1,3-Dichlorobenzene	6.575	146	256193	52.145	ng		98
13) 1,4-Dichlorobenzene	6.651	146	261333	52.160	ng		97
14) 1,2-Dichlorobenzene	6.804	146	242772	51.871	ng		98
15) Benzyl Alcohol	6.786	79	168897	43.434	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.916	45	274548	45.406	ng		75
17) 2-Methylphenol	6.904	107	184615	50.862	ng		96
18) Hexachloroethane	7.139	117	95628	48.421	ng		98
19) n-Nitroso-di-n-propyla...	7.057	70	152864	46.190	ng		93
20) 3+4-Methylphenols	7.057	107	218286	46.294	ng	#	72
22) Acetophenone	7.051	105	324114	54.573	ng	#	89
24) Nitrobenzene	7.222	77	232324	48.119	ng		96
25) Isophorone	7.463	82	397475	51.864	ng		99
26) 2-Nitrophenol	7.539	139	112846	57.016	ng		87
27) 2,4-Dimethylphenol	7.586	122	180491	59.227	ng		93
28) bis(2-Chloroethoxy)met...	7.675	93	243962	56.534	ng		99
29) 2,4-Dichlorophenol	7.781	162	163559	48.977	ng		98
30) 1,2,4-Trichlorobenzene	7.857	180	182318	50.496	ng		96
31) Naphthalene	7.939	128	608923	48.656	ng		99
32) Benzoic acid	7.716	122	82089m	34.833	ng		
33) 4-Chloroaniline	7.992	127	123637	25.975	ng		98
34) Hexachlorobutadiene	8.051	225	116986	50.699	ng		99
35) Caprolactam	8.369	113	47841m	49.972	ng		
36) 4-Chloro-3-methylphenol	8.486	107	166754	45.050	ng		98
37) 2-Methylnaphthalene	8.628	142	373146	46.764	ng		99
38) 1-Methylnaphthalene	8.728	142	346507	45.204	ng		100
40) 1,2,4,5-Tetrachloroben...	8.792	216	163574	56.361	ng		98
41) Hexachlorocyclopentadiene	8.780	237	67174	43.231	ng		99
43) 2,4,6-Trichlorophenol	8.916	196	100518	49.626	ng		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	8.957	196	106647	48.792	ng	99	10/14/2022
46) 1,1'-Biphenyl	9.092	154	435357	54.814	ng	99	
47) 2-Chloronaphthalene	9.116	162	326765	50.859	ng	99	
48) 2-Nitroaniline	9.222	65	100875	47.074	ng	90	
49) Acenaphthylene	9.527	152	475677	49.379	ng	100	
50) Dimethylphthalate	9.398	163	383058	52.146	ng	99	
51) 2,6-Dinitrotoluene	9.463	165	80695	52.525	ng	# 85	
52) Acenaphthene	9.698	154	306749m	48.465	ng		
53) 3-Nitroaniline	9.633	138	62273	36.377	ng	85	
54) 2,4-Dinitrophenol	9.745	184	34770	44.713	ng	# 85	
55) Dibenzofuran	9.875	168	425310	48.311	ng	98	
56) 4-Nitrophenol	9.810	139	104398	83.729	ng	87	
57) 2,4-Dinitrotoluene	9.869	165	103639	52.785	ng	91	
58) Fluorene	10.216	166	336652	46.759	ng	99	
59) 2,3,4,6-Tetrachlorophenol	9.998	232	75284	44.005	ng	93	
60) Diethylphthalate	10.098	149	370593	50.308	ng	99	
61) 4-Chlorophenyl-phenyle...	10.210	204	158676	50.240	ng	98	
62) 4-Nitroaniline	10.245	138	71369m	41.500	ng		
63) Azobenzene	10.369	77	330942	43.629	ng	96	
65) 4,6-Dinitro-2-methylph...	10.275	198	28580	29.798	ng	85	
66) n-Nitrosodiphenylamine	10.327	169	286705	49.795	ng	99	
67) 4-Bromophenyl-phenylether	10.698	248	99835	52.524	ng	92	
68) Hexachlorobenzene	10.757	284	111092	51.560	ng	98	
69) Atrazine	10.863	200	97264	57.805	ng	97	
70) Pentachlorophenol	10.963	266	97274	84.121	ng	98	
71) Phenanthrene	11.174	178	474459	49.047	ng	100	
72) Anthracene	11.221	178	488210	52.297	ng	99	
73) Carbazole	11.386	167	457715	54.328	ng	98	
74) Di-n-butylphthalate	11.716	149	578053	56.898	ng	99	
75) Fluoranthene	12.357	202	559217	59.825	ng	98	
77) Benzidine	12.492	184	398755	78.804	ng	99	
78) Pyrene	12.586	202	570217	37.394	ng	99	
80) Butylbenzylphthalate	13.210	149	280485	49.652	ng	99	
81) Benzo(a)anthracene	13.768	228	575312	49.613	ng	99	
82) 3,3'-Dichlorobenzidine	13.739	252	214465	67.943	ng	98	
83) Chrysene	13.810	228	533901	48.491	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.768	149	409384	63.268	ng	98	
85) Di-n-octyl phthalate	14.380	149	720799	72.831	ng	97	
87) Indeno(1,2,3-cd)pyrene	16.486	276	360846	38.843	ng	99	
88) Benzo(b)fluoranthene	14.780	252	506415	59.227	ng	100	
89) Benzo(k)fluoranthene	14.810	252	434469	51.655	ng	99	
90) Benzo(a)pyrene	15.115	252	371544	54.849	ng	# 98	
91) Dibenzo(a,h)anthracene	16.503	278	315958	41.459	ng	98	
92) Benzo(g,h,i)perylene	16.880	276	296971	38.683	ng	100	

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

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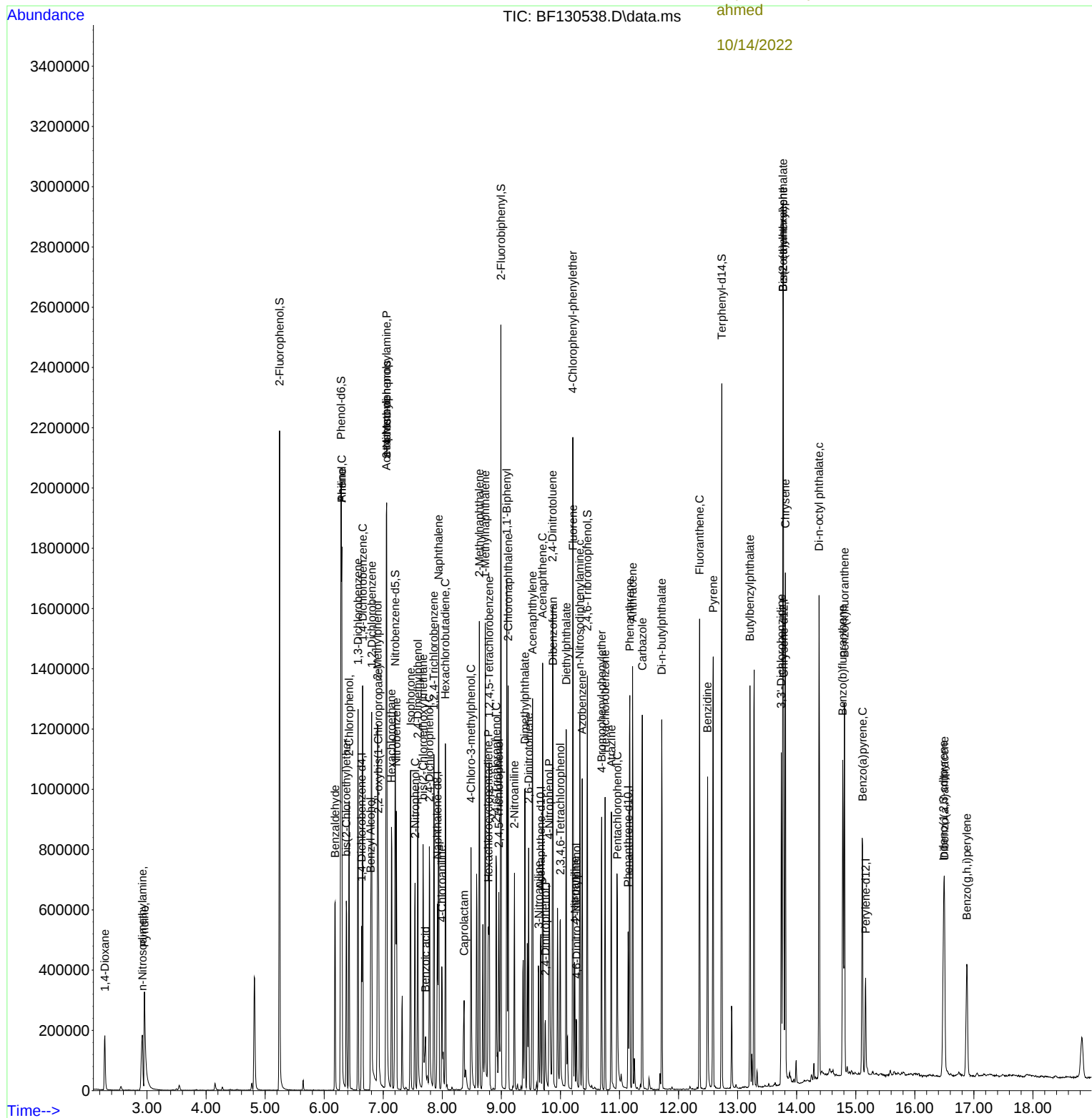
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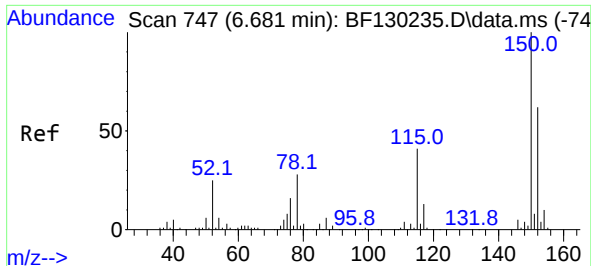
Manual Integrations
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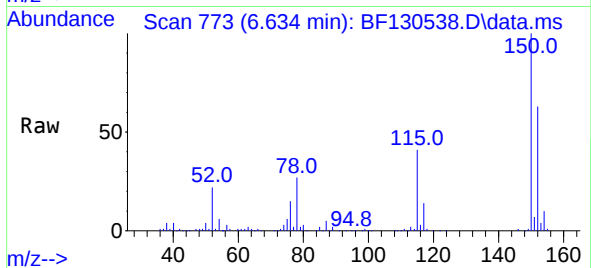
10/14/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
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ClientSampleId :
L-1MSD



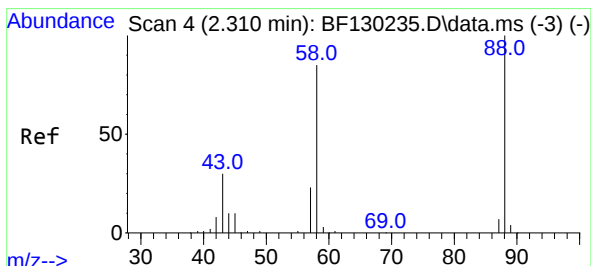
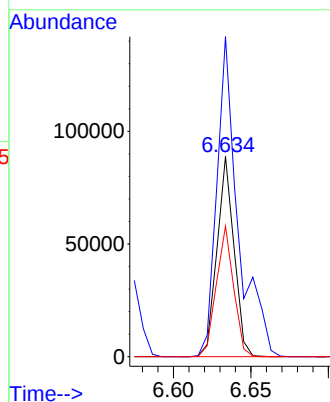
Tgt Ion:152 Resp: 6798
Ion Ratio Lower Upper
152 100
150 159.8 122.8 184.2
115 65.2 53.8 80.8

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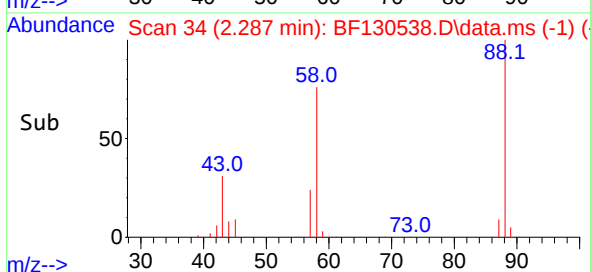
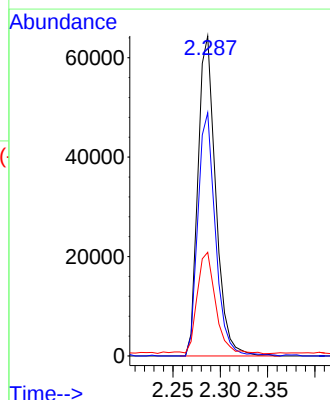
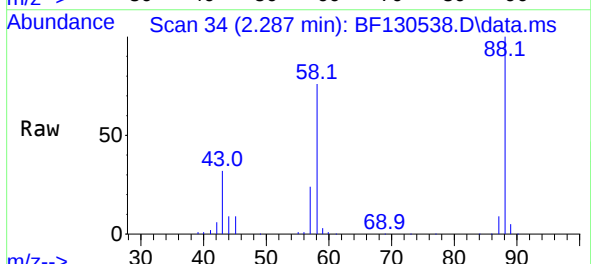
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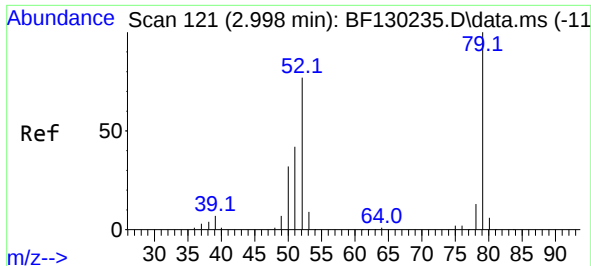
10/14/2022



#2
1,4-Dioxane
Concen: 46.608 ng
RT: 2.287 min Scan# 34
Delta R.T. 0.065 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

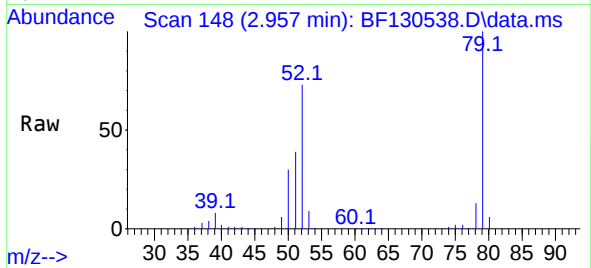
Tgt Ion: 88 Resp: 83903
Ion Ratio Lower Upper
88 100
58 75.5 61.3 91.9
43 33.4 23.0 34.6





#3
Pyridine
Concen: 44.516 ng
RT: 2.957 min Scan# 141
Delta R.T. 0.065 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



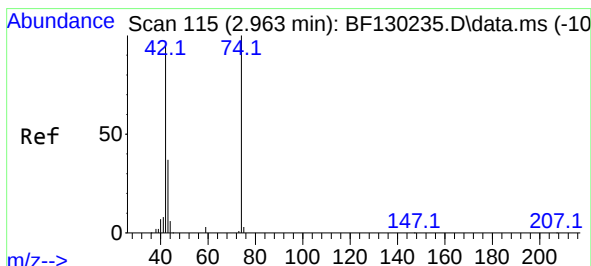
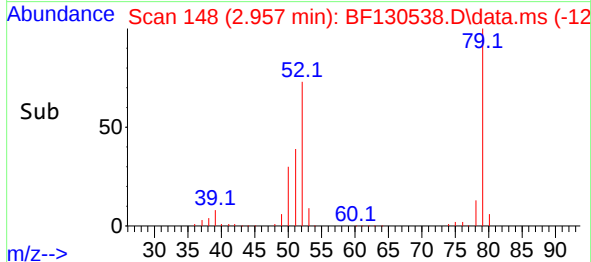
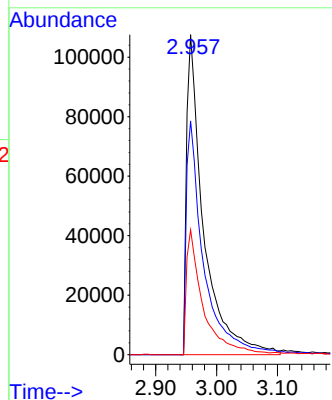
Tgt Ion: 79 Resp: 20904
Ion Ratio Lower Upper
79 100
52 73.0 62.4 93.6
51 39.0 32.2 48.4

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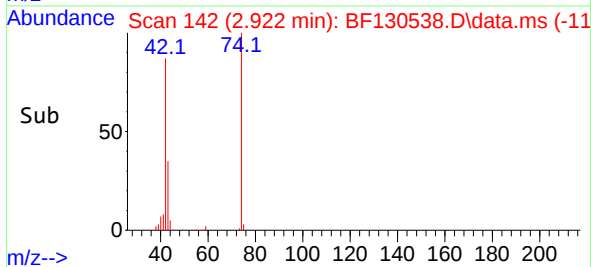
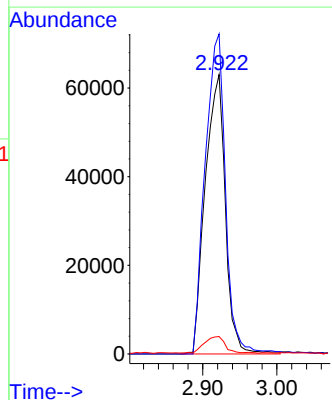
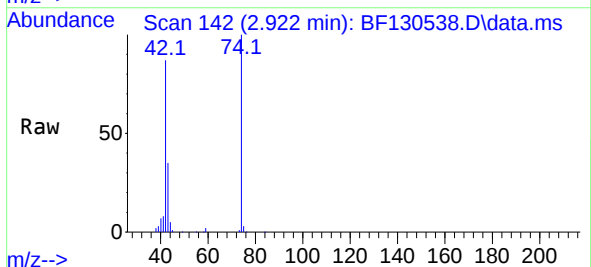
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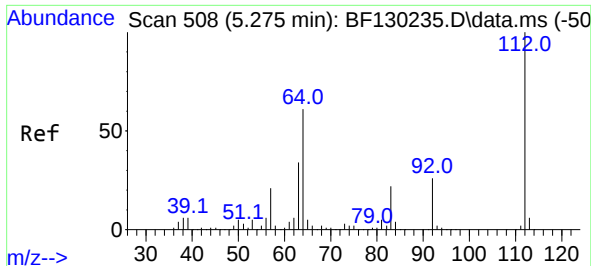
10/14/2022



#4
n-Nitrosodimethylamine
Concen: 46.572 ng
RT: 2.922 min Scan# 142
Delta R.T. 0.065 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

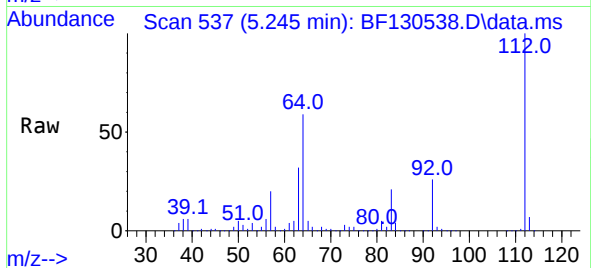
Tgt Ion: 42 Resp: 118950
Ion Ratio Lower Upper
42 100
74 114.5 88.4 132.6
44 6.3 5.0 7.4





#5
2-Fluorophenol
Concen: 146.108 ng
RT: 5.245 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
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L-1MSD



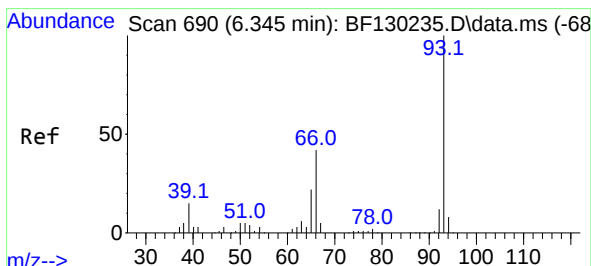
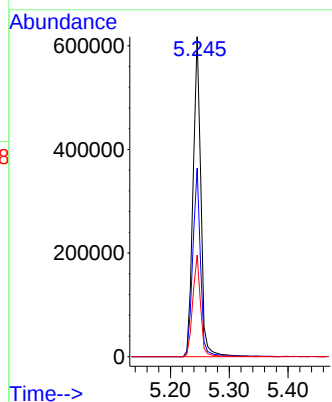
Tgt Ion:112 Resp: 57271
Ion Ratio Lower Upper
112 100
64 58.9 51.4 77.0
63 31.8 28.8 43.2

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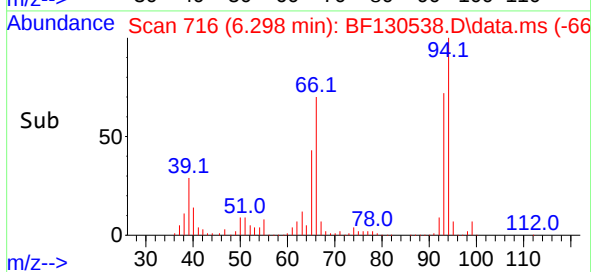
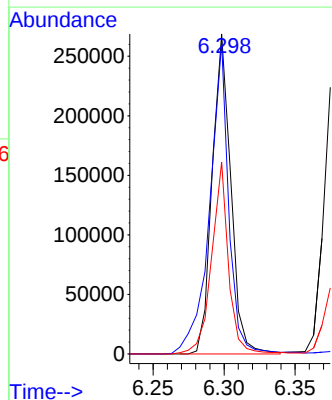
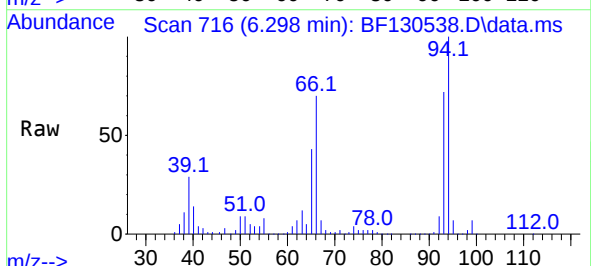
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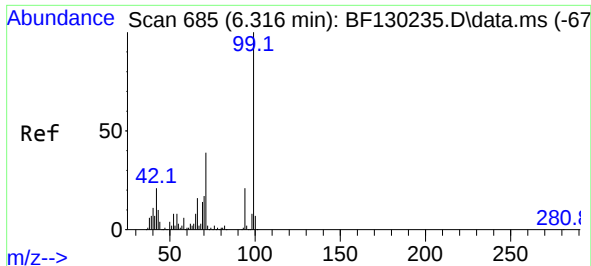
10/14/2022



#6
Aniline
Concen: 40.395 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

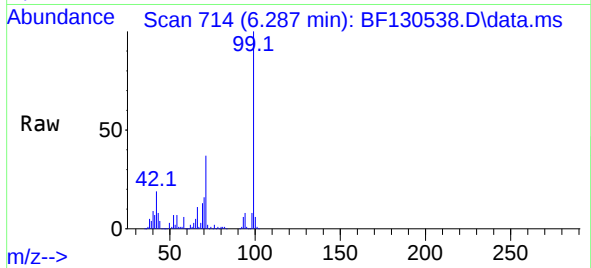
Tgt Ion: 93 Resp: 244110
Ion Ratio Lower Upper
93 100
66 97.5 34.2 51.4#
65 60.0 16.6 24.8#





#7
Phenol-d6
Concen: 137.233 ng
RT: 6.287 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF130538.D
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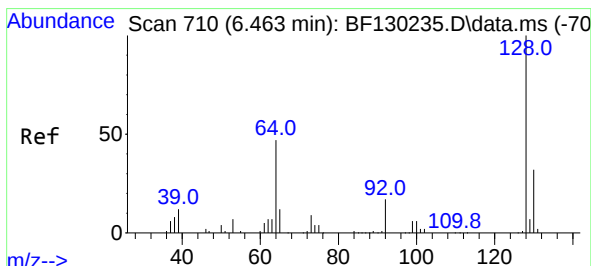
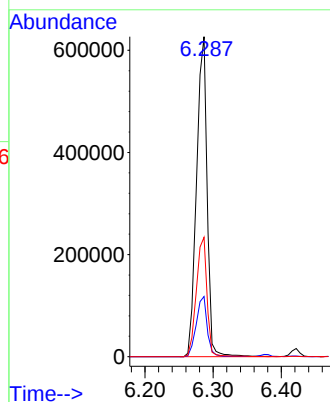
Tgt Ion: 99 Resp: 673062
Ion Ratio Lower Upper
99 100
42 18.8 17.0 25.6
71 37.3 32.3 48.5

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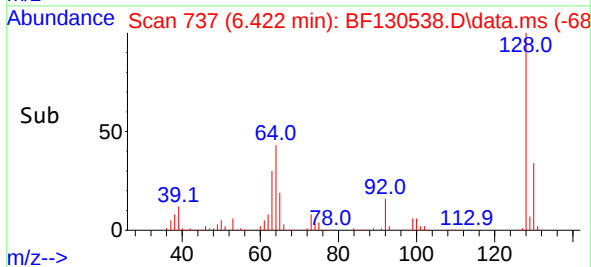
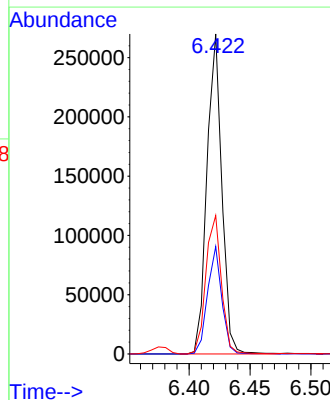
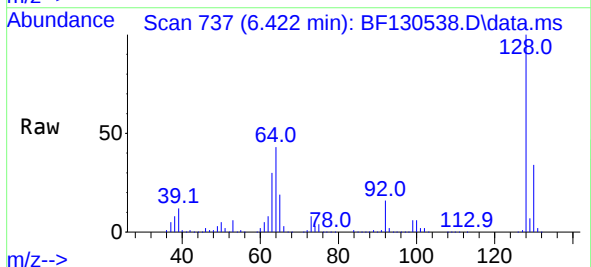
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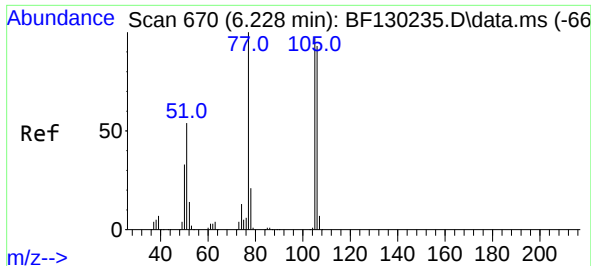
10/14/2022



#8
2-Chlorophenol
Concen: 51.230 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

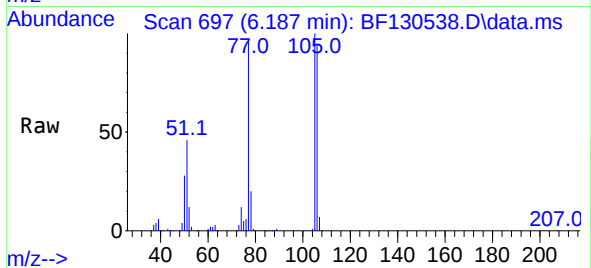
Tgt Ion:128 Resp: 228751
Ion Ratio Lower Upper
128 100
130 33.5 12.4 52.4
64 43.3 31.6 71.6





#9
Benzaldehyde
Concen: 37.301 ng
RT: 6.187 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF130538.D
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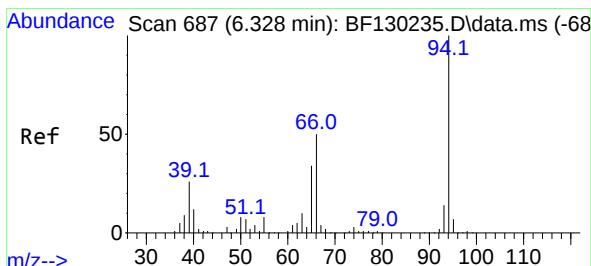
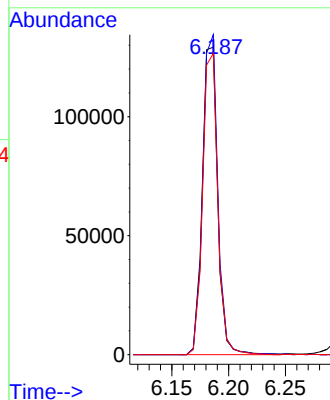
Tgt Ion: 77 Resp: 122544
Ion Ratio Lower Upper
77 100
105 104.1 75.1 115.1
106 98.0 69.7 109.7

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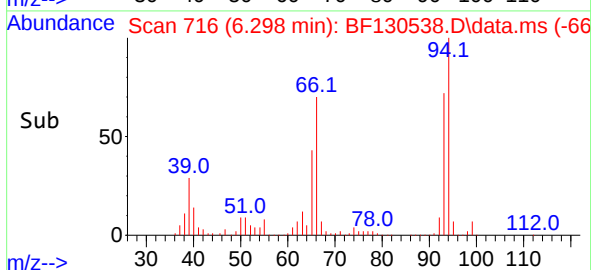
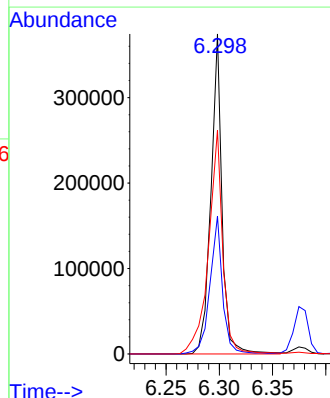
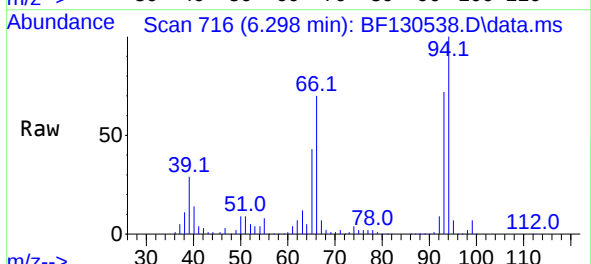
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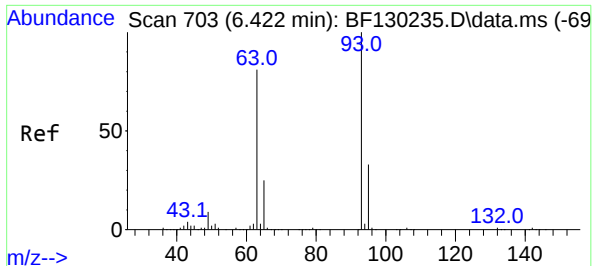
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#10
Phenol
Concen: 47.553 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Tgt Ion: 94 Resp: 273316
Ion Ratio Lower Upper
94 100
65 43.0 14.1 54.1
66 70.0 28.1 68.1#





#11
bis(2-Chloroethyl)ether
Concen: 51.964 ng
RT: 6.375 min Scan# 703
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD

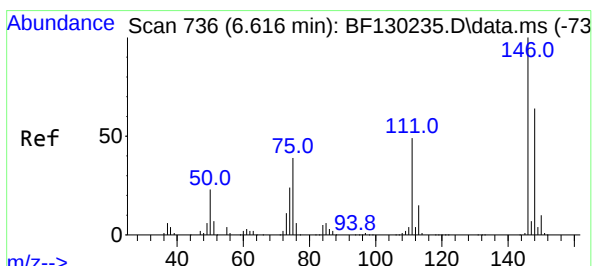
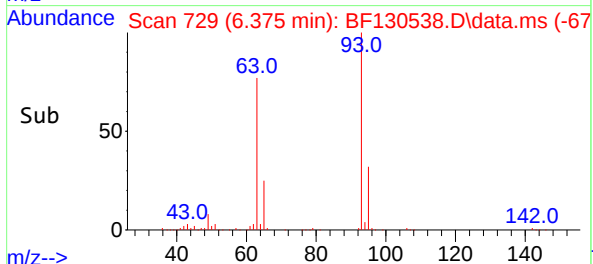
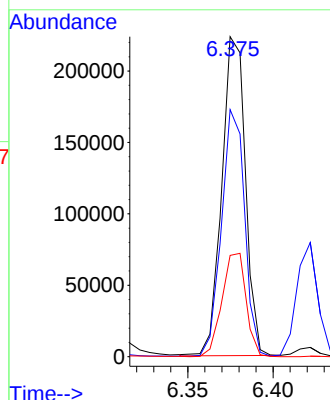
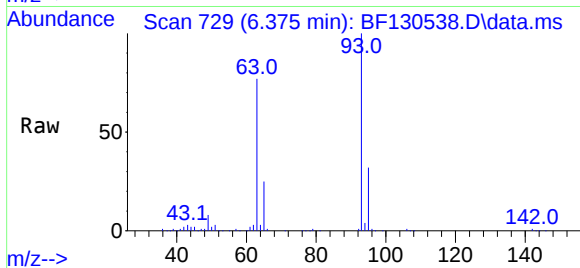
Tgt Ion: 93 Resp: 215420
Ion Ratio Lower Upper
93 100
63 77.2 62.5 102.5
95 31.7 12.5 52.5

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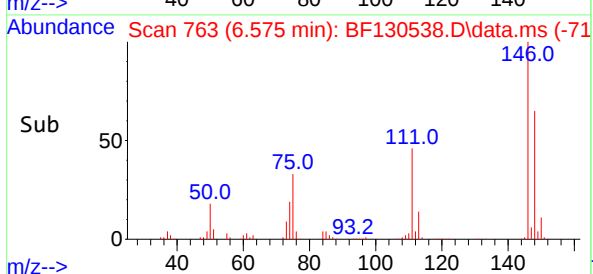
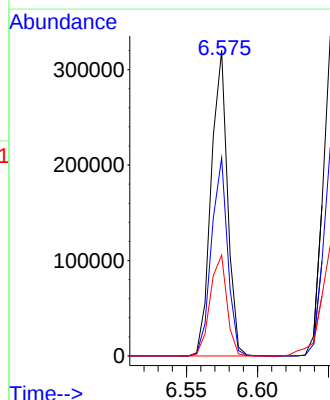
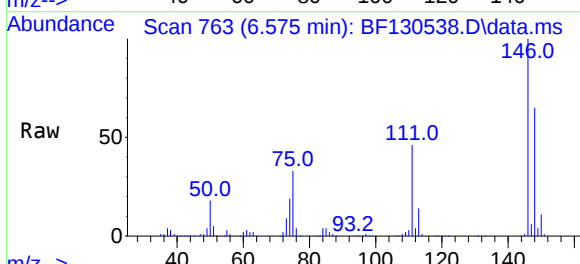
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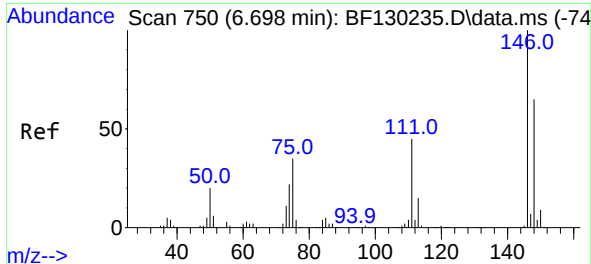
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#12
1,3-Dichlorobenzene
Concen: 52.145 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

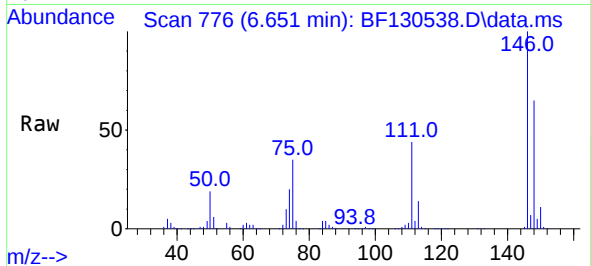
Tgt Ion:146 Resp: 256193
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 33.0 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 52.160 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
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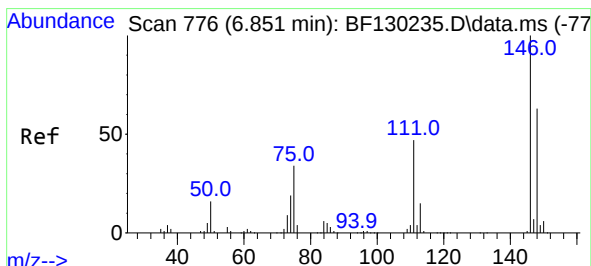
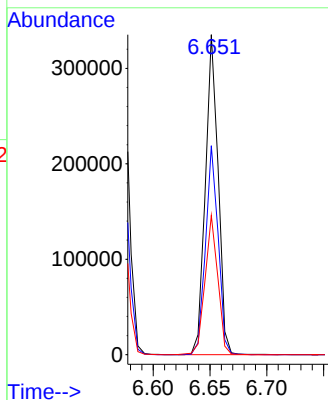
Tgt Ion:146 Resp: 26133
Ion Ratio Lower Upper
146 100
148 65.3 50.3 75.5
111 43.5 36.3 54.5

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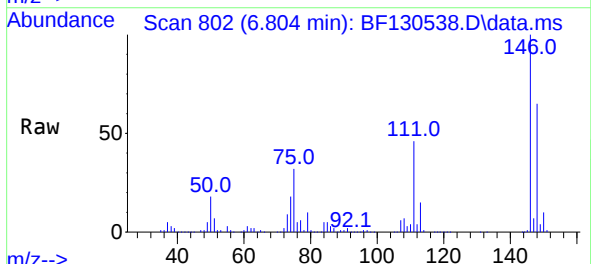
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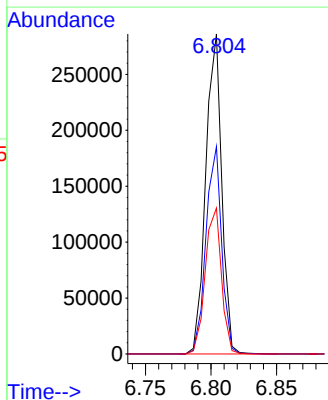
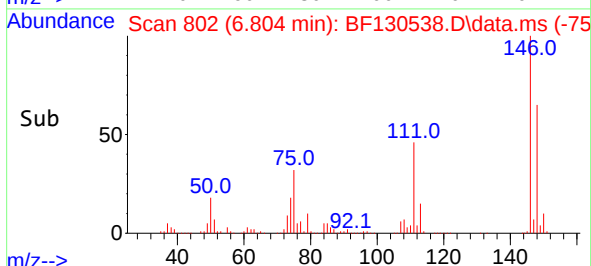
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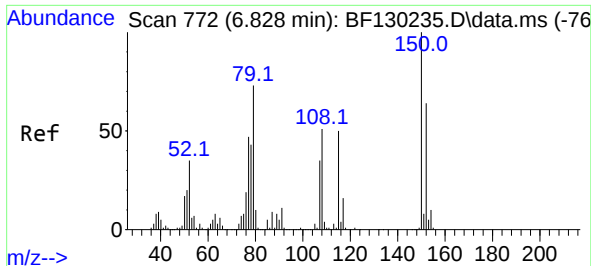


#14
1,2-Dichlorobenzene
Concen: 51.871 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42



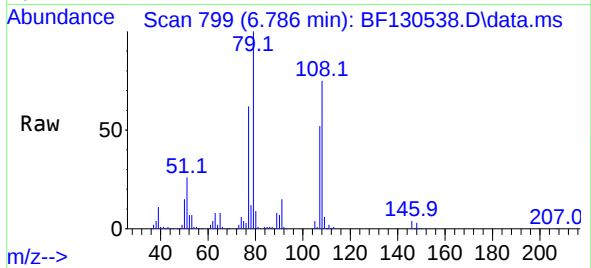
Tgt Ion:146 Resp: 242772
Ion Ratio Lower Upper
146 100
148 64.8 51.6 77.4
111 45.6 39.2 58.8





#15
Benzyl Alcohol
Concen: 43.434 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



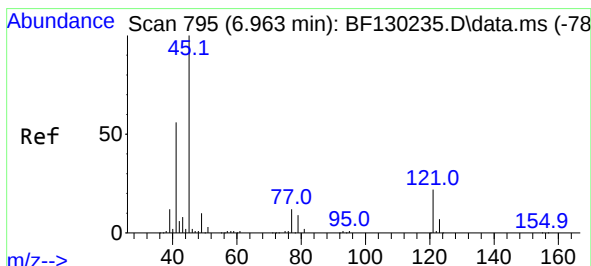
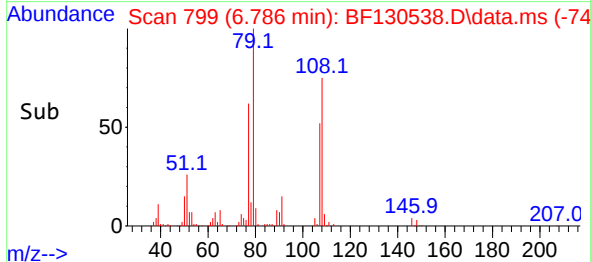
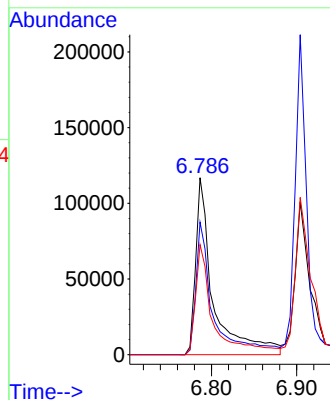
Tgt Ion: 79 Resp: 16889
Ion Ratio Lower Upper
79 100
108 74.8 54.0 81.0
77 62.2 51.3 76.9

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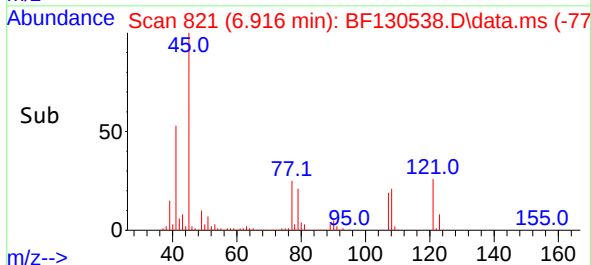
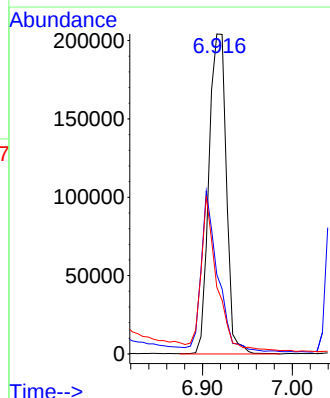
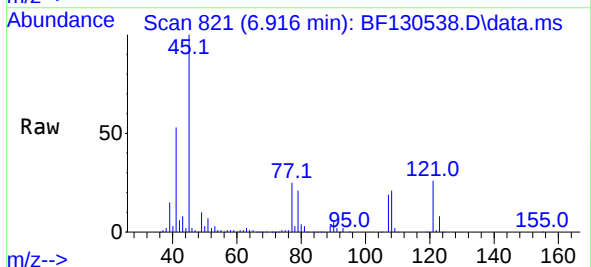
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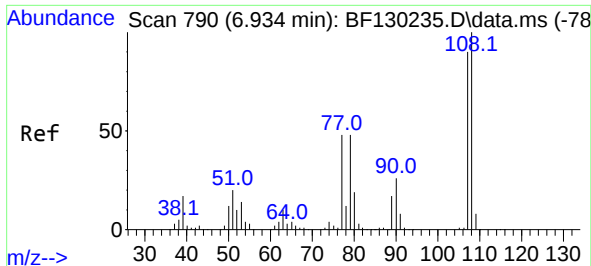
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.406 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

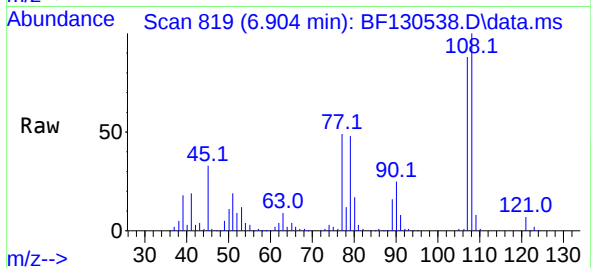
Tgt Ion: 45 Resp: 274548
Ion Ratio Lower Upper
45 100
77 24.7 0.0 34.9
79 20.9 0.0 31.0





#17
2-Methylphenol
Concen: 50.862 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:107 Resp: 18461

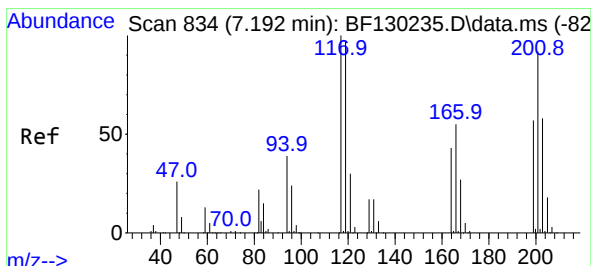
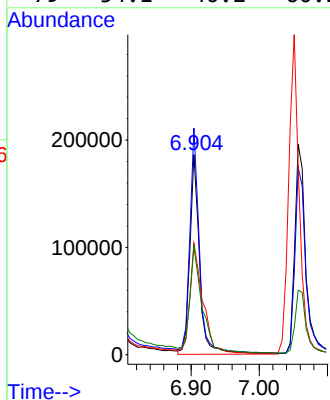
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.4	134.0
77	55.7	40.6	60.8
79	54.1	40.2	60.2

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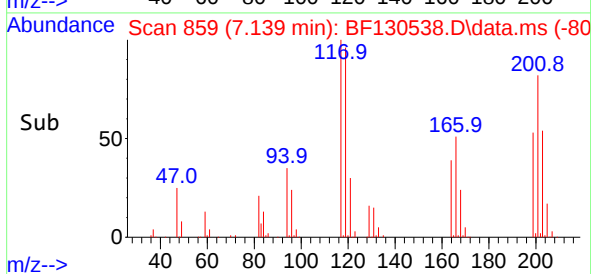
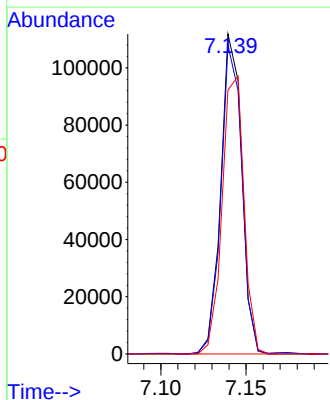
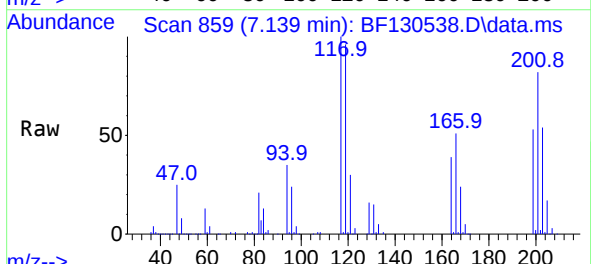
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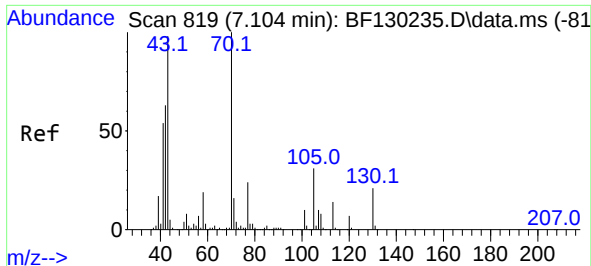


#18
Hexachloroethane
Concen: 48.421 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Tgt Ion:117 Resp: 95628

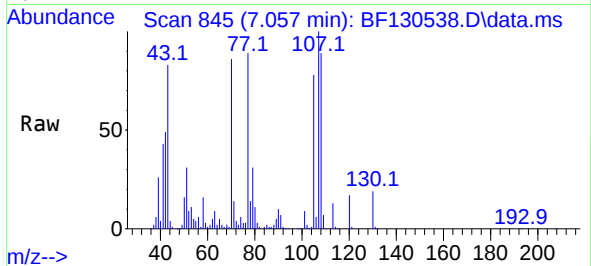
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.6
201	82.4	68.7	103.1





#19
n-Nitroso-di-n-propylamine
Concen: 46.190 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



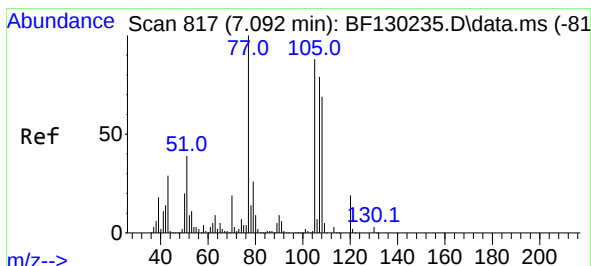
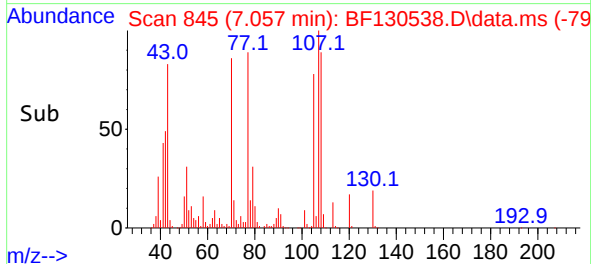
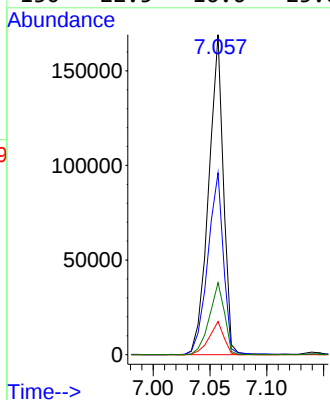
Tgt Ion: 70 Resp: 152864
Ion Ratio Lower Upper
70 100
42 56.8 50.8 76.2
101 10.4 8.2 12.4
130 22.5 16.6 25.0

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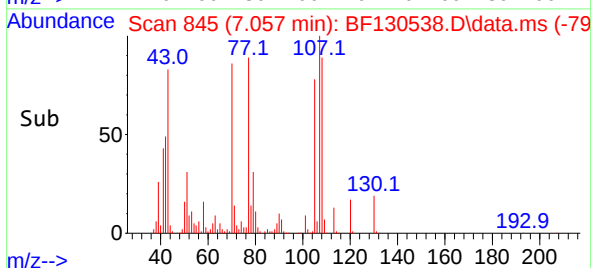
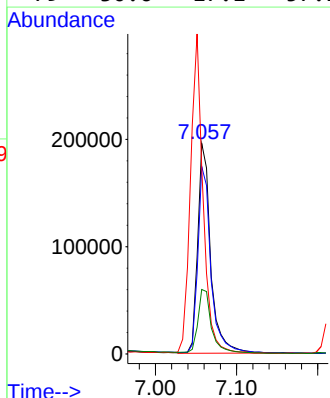
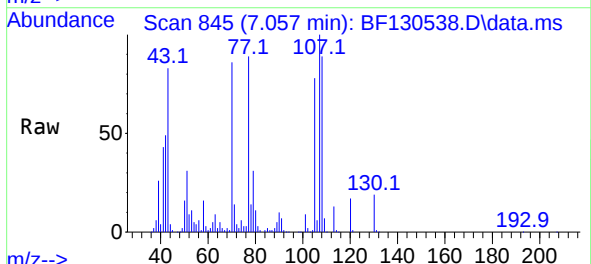
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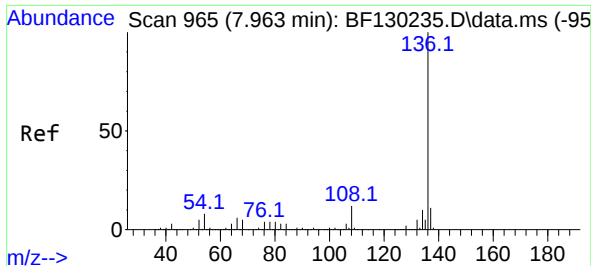
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#20
3+4-Methylphenols
Concen: 46.294 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

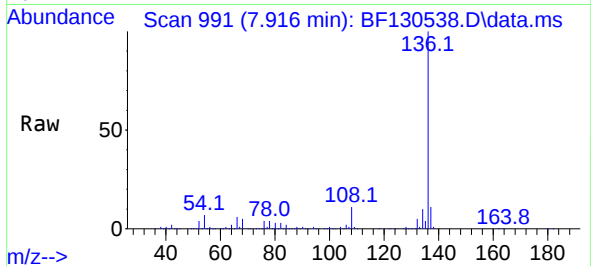
Tgt Ion:107 Resp: 218286
Ion Ratio Lower Upper
107 100
108 89.0 74.8 114.8
77 88.6 125.8 165.8#
79 30.6 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



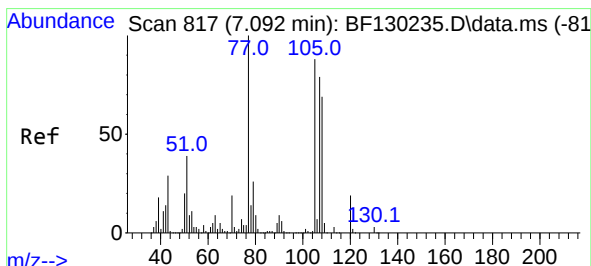
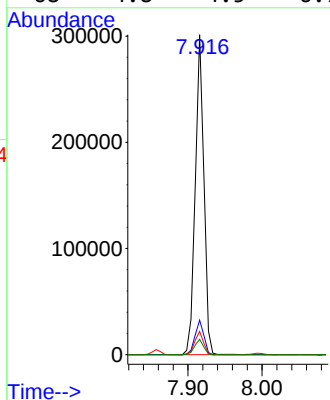
Tgt Ion:136 Resp: 242920
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.3 7.1 10.7
68 4.8 4.5 6.7

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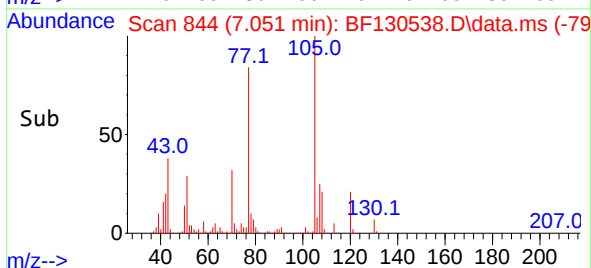
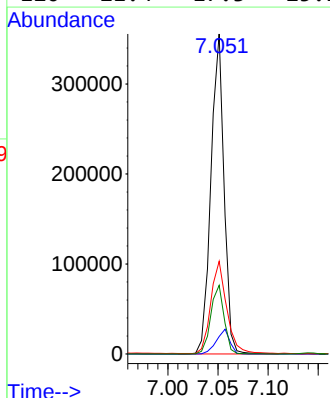
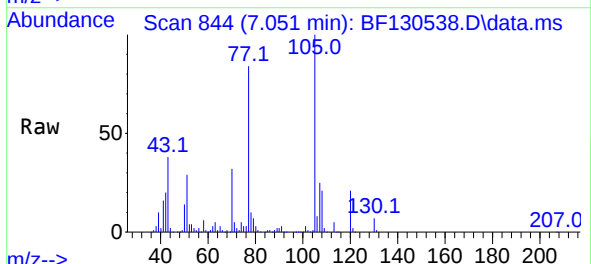
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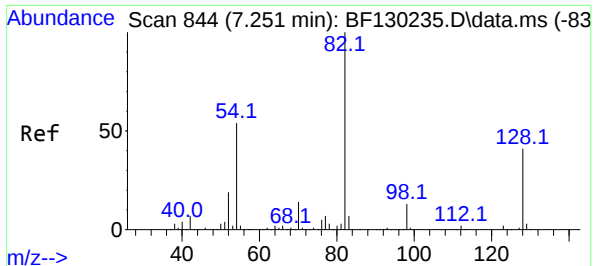
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#22
Acetophenone
Concen: 54.573 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

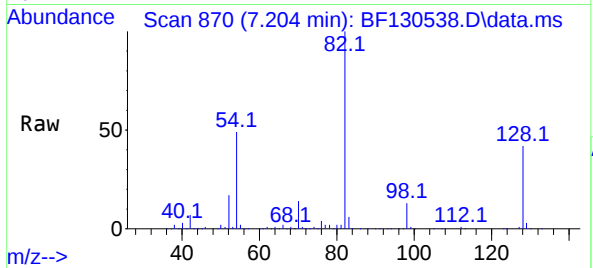
Tgt Ion:105 Resp: 324114
Ion Ratio Lower Upper
105 100
71 5.4 3.9 5.9
51 29.0 32.2 48.2#
120 21.4 17.3 25.9





#23
Nitrobenzene-d5
Concen: 88.584 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



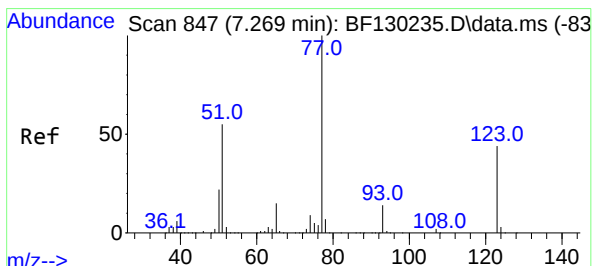
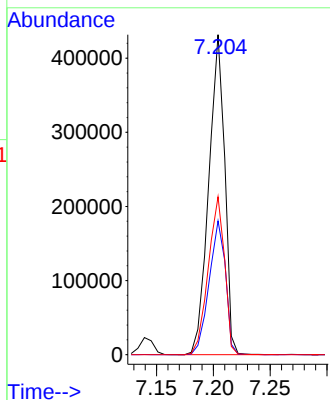
Tgt Ion: 82 Resp: 421208
Ion Ratio Lower Upper
82 100
128 41.8 32.6 49.0
54 49.3 43.8 65.6

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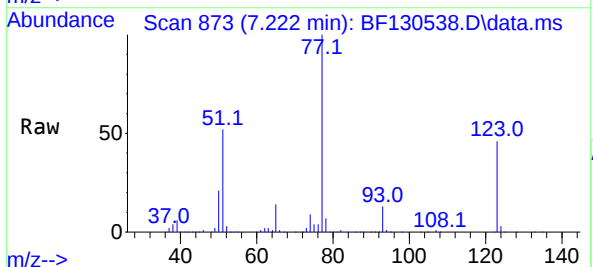
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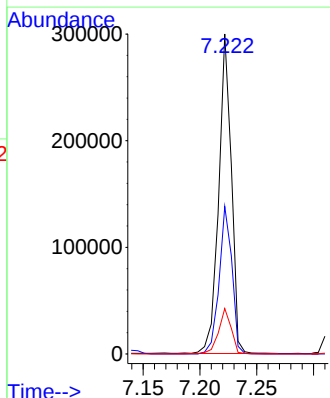
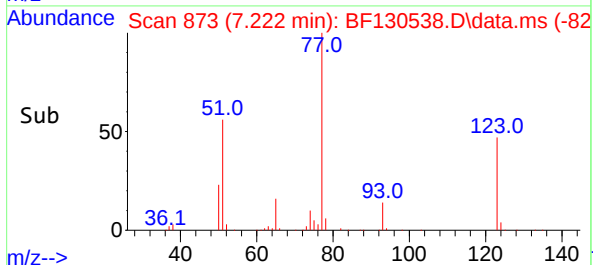
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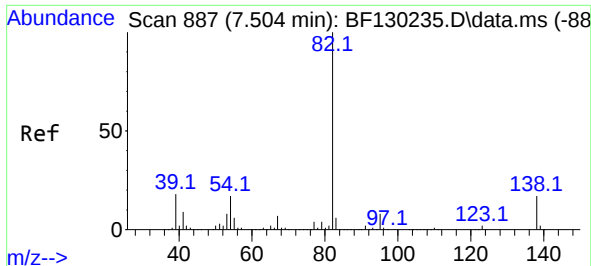


#24
Nitrobenzene
Concen: 48.119 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42



Tgt Ion: 77 Resp: 232324
Ion Ratio Lower Upper
77 100
123 46.1 34.3 51.5
65 14.2 12.0 18.0





#25
Isophorone
Concen: 51.864 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD

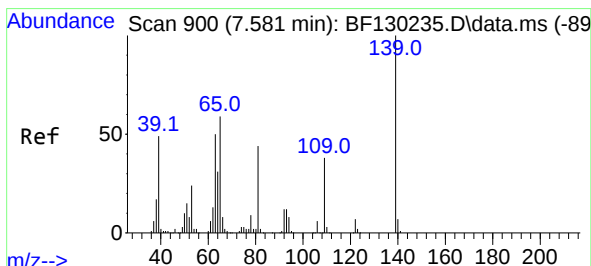
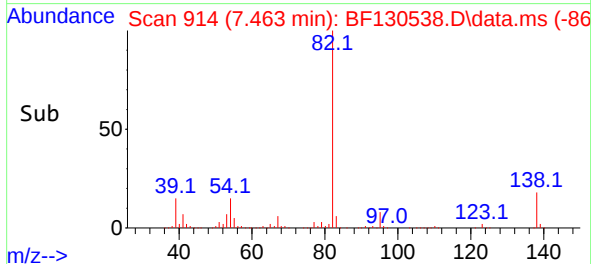
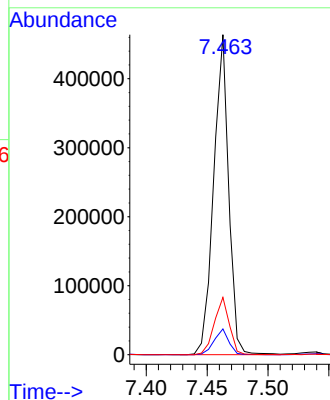
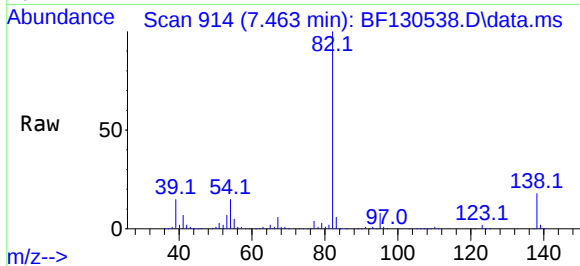
Tgt Ion: 82 Resp: 397475
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.9 13.8 20.6

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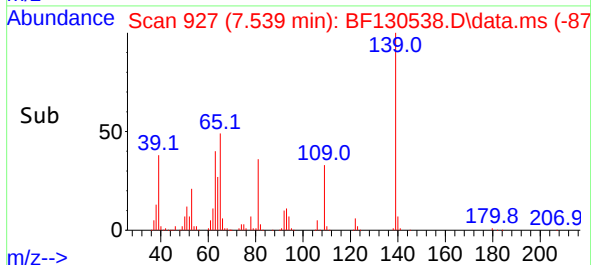
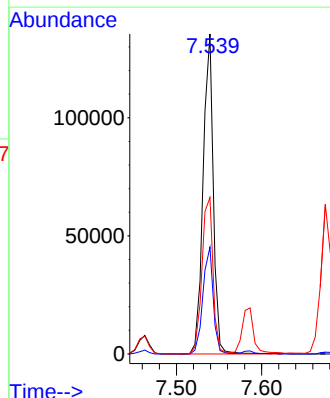
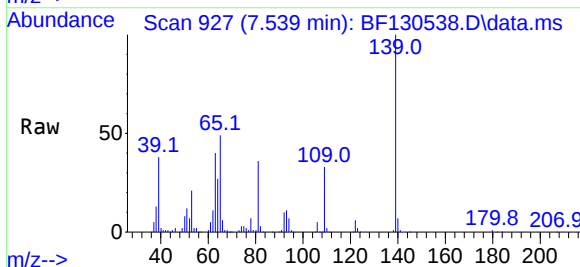
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ahmed

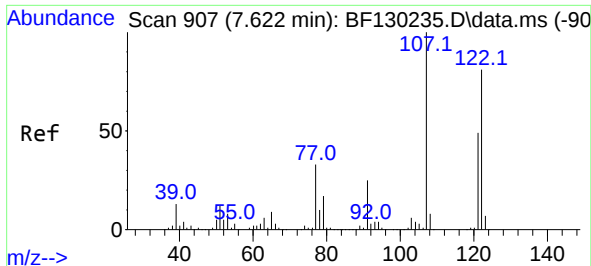
10/14/2022



#26
2-Nitrophenol
Concen: 57.016 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Tgt Ion:139 Resp: 112846
Ion Ratio Lower Upper
139 100
109 33.4 30.2 45.4
65 48.9 48.9 73.3





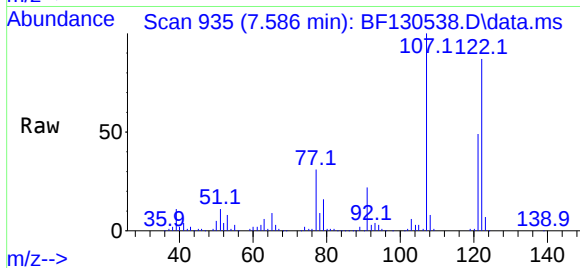
#27
2,4-Dimethylphenol
Concen: 59.227 ng
RT: 7.586 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :

BNA_F

ClientSampleId :

L-1MSD



Tgt Ion:122 Resp: 18049
Ion Ratio Lower Upper
122 100
107 115.6 100.2 150.2
121 57.2 47.8 71.8

Manual Integrations

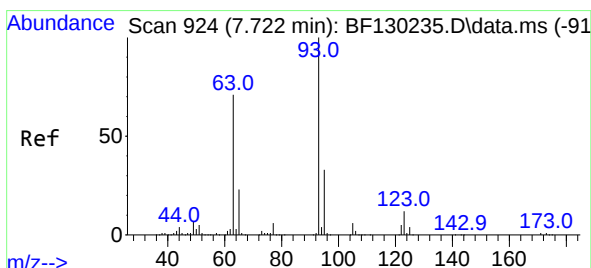
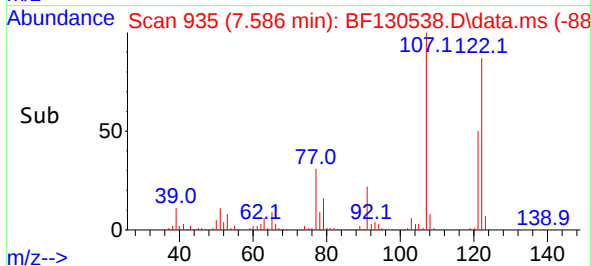
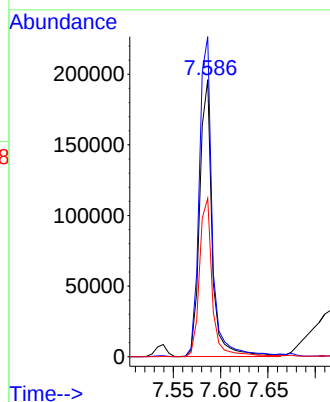
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Supervised By :mohammad ahmed 10/14/2022

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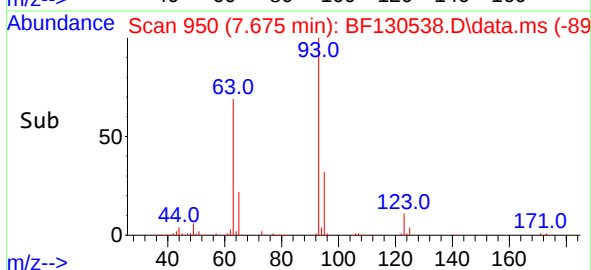
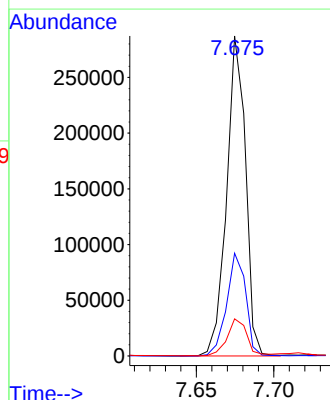
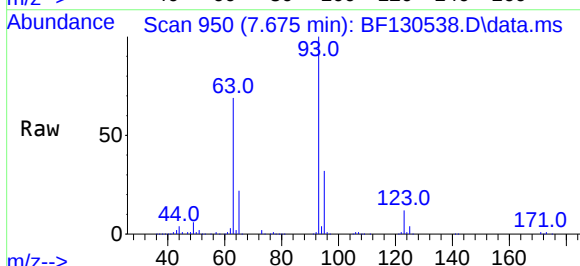
Supervised By :mohammad
ahmed

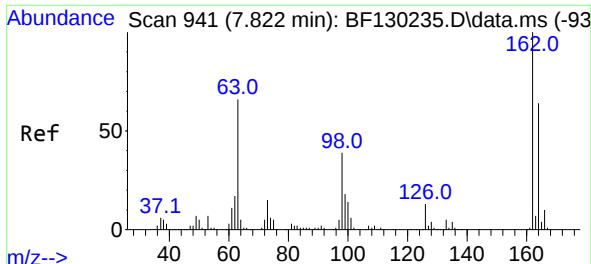
10/14/2022



#28
bis(2-Chloroethoxy)methane
Concen: 56.534 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Tgt Ion: 93 Resp: 243962
Ion Ratio Lower Upper
93 100
95 32.1 26.3 39.5
123 11.6 9.4 14.2





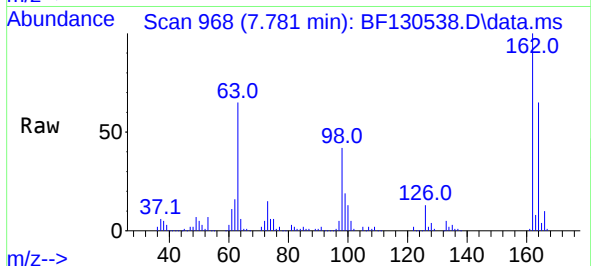
#29
2,4-Dichlorophenol
Concen: 48.977 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :

BNA_F

ClientSampleId :

L-1MSD



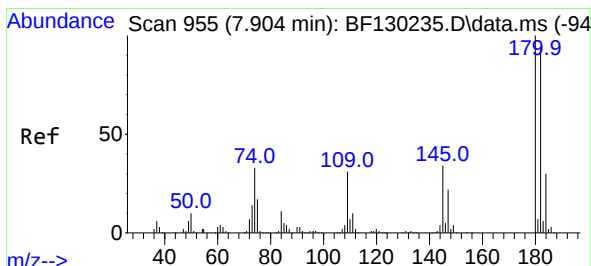
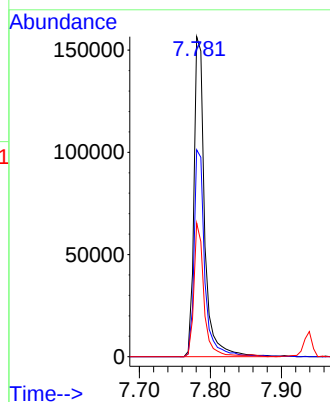
Tgt Ion:162 Resp: 16355
Ion Ratio Lower Upper
162 100
164 64.6 42.2 82.2
98 41.8 21.7 61.7

Manual Integrations
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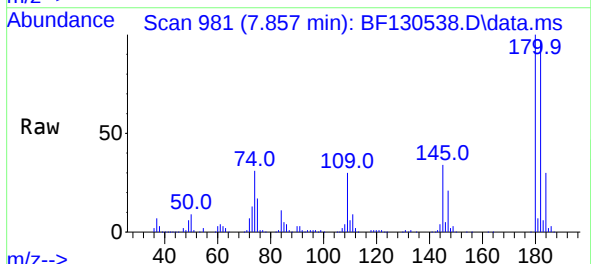
Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

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Supervised By :mohammad
ahmed

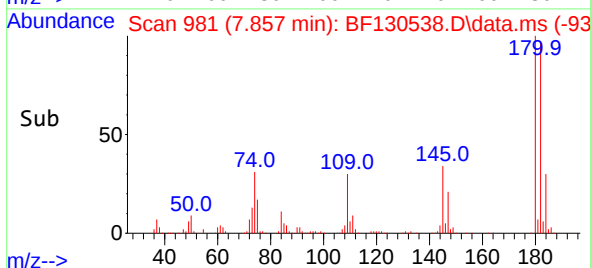
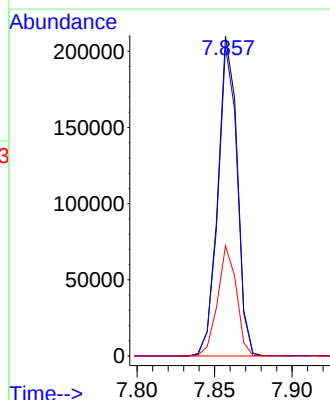
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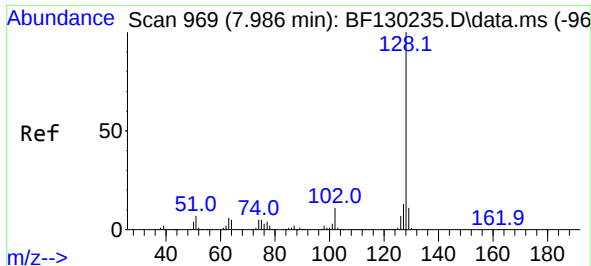


#30
1,2,4-Trichlorobenzene
Concen: 50.496 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42



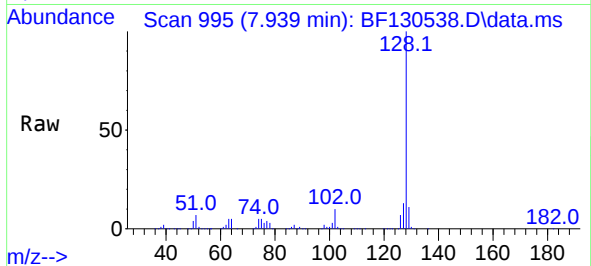
Tgt Ion:180 Resp: 182318
Ion Ratio Lower Upper
180 100
182 96.9 73.3 109.9
145 34.5 28.3 42.5





#31
Naphthalene
Concen: 48.656 ng
RT: 7.939 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



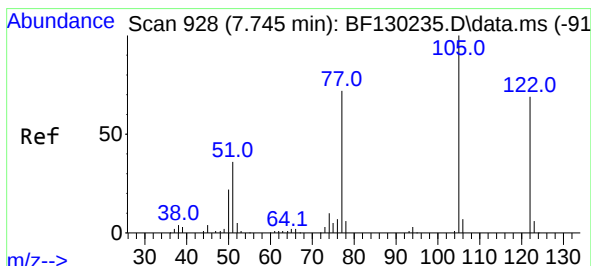
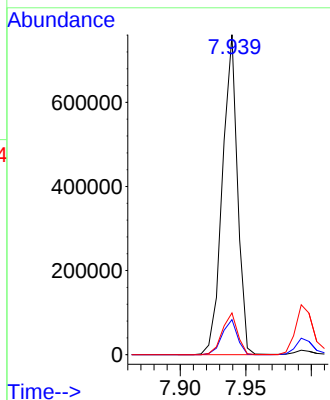
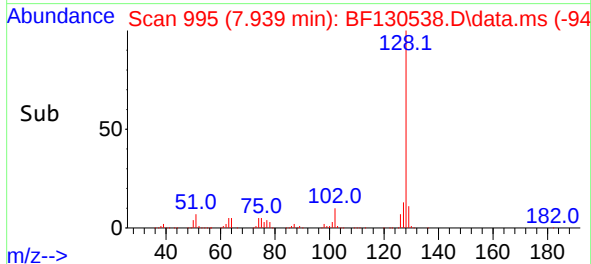
Tgt Ion:128 Resp: 60892
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.6 16.0

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Supervised By :mohammad ahmed 10/14/2022

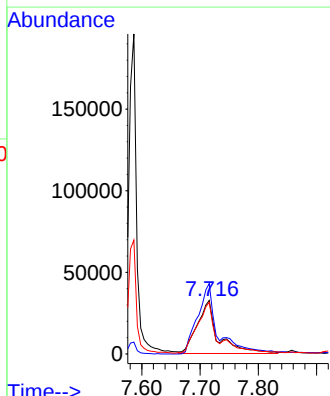
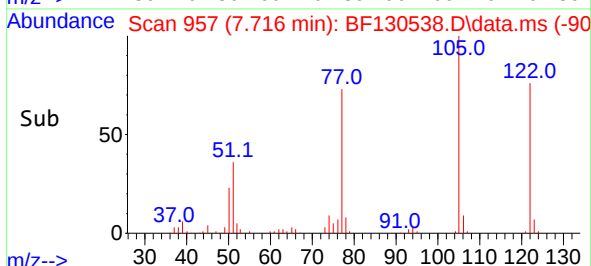
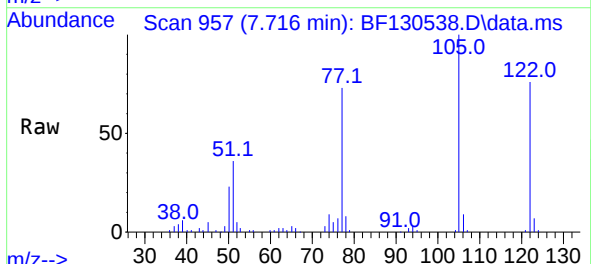
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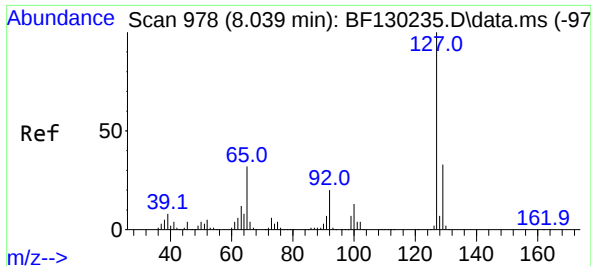
10/14/2022



#32
Benzoic acid
Concen: 34.833 ng m
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Tgt Ion:122 Resp: 82089
Ion Ratio Lower Upper
122 100
105 132.0 112.9 152.9
77 96.9 82.8 122.8





#33
4-Chloroaniline
Concen: 25.975 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD

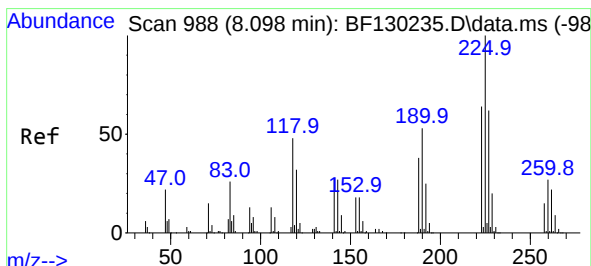
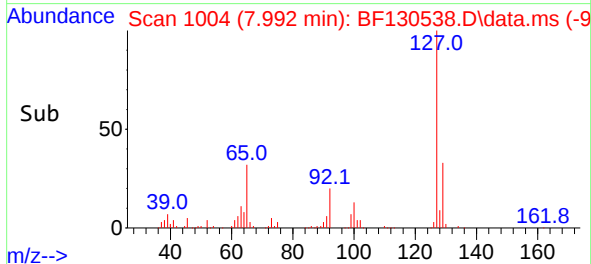
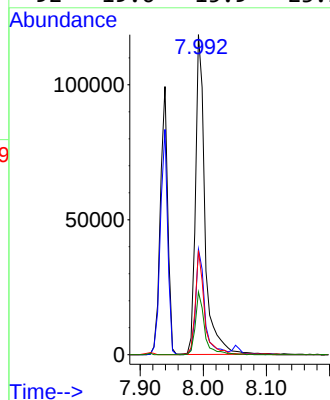
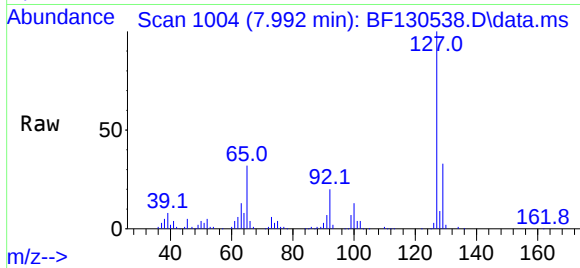
Tgt Ion:	127	Resp:	12363
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.6	38.4
65	32.5	27.0	40.6
92	19.6	15.9	23.9

Manual Integrations
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Supervised By :mohammad ahmed 10/14/2022

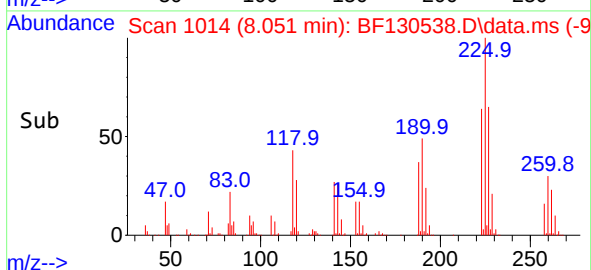
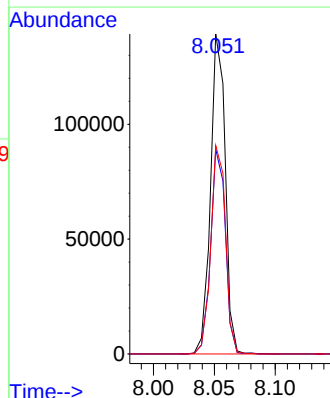
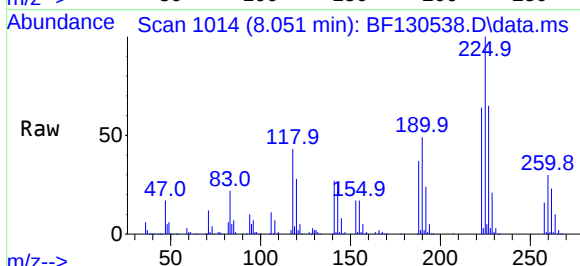
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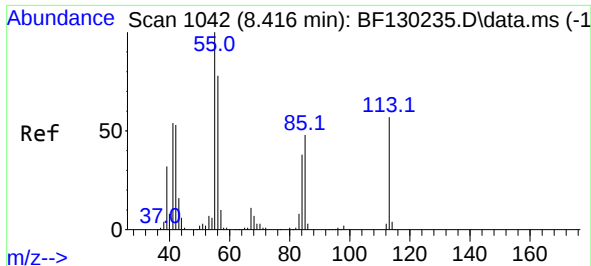
10/14/2022



#34
Hexachlorobutadiene
Concen: 50.699 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

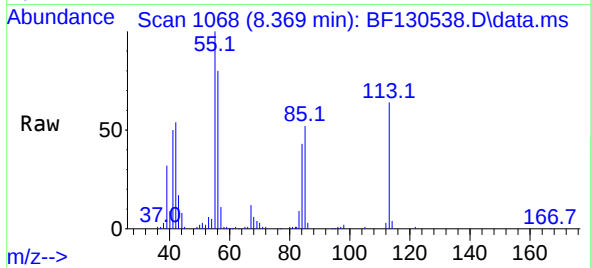
Tgt Ion:	225	Resp:	116986
Ion Ratio	Lower	Upper	
225	100		
223	64.0	50.3	75.5
227	65.1	51.1	76.7





#35
Caprolactam
Concen: 49.972 ng m
RT: 8.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



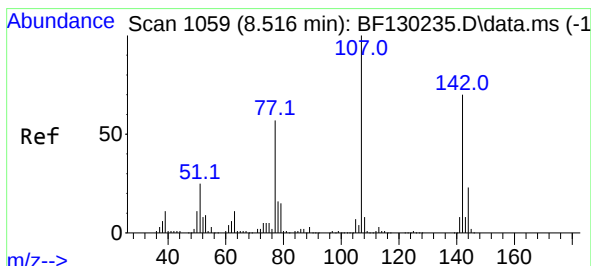
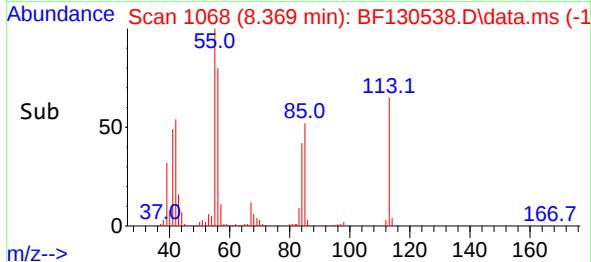
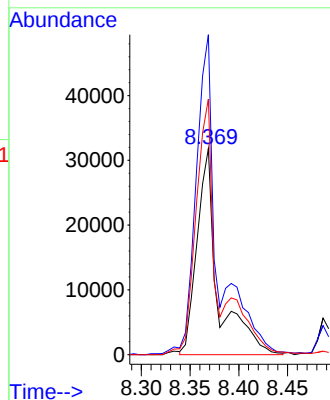
Tgt Ion:113 Resp: 4784
Ion Ratio Lower Upper
113 100
55 155.3 155.4 195.4
56 124.1 120.4 160.4

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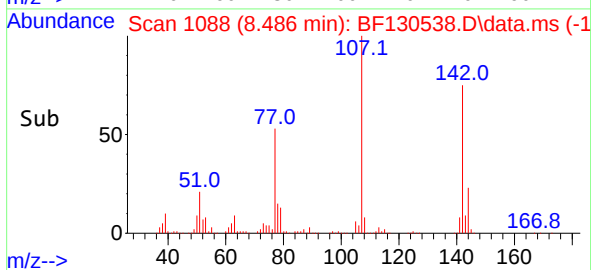
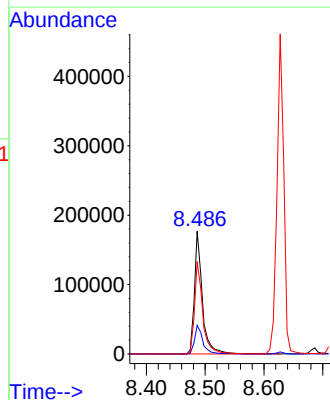
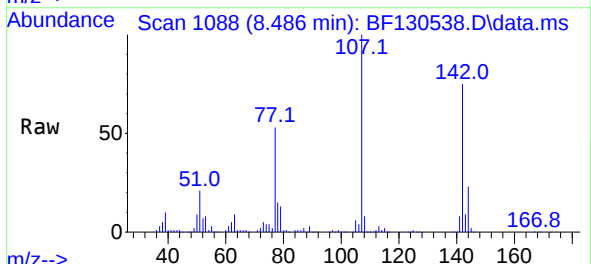
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ahmed

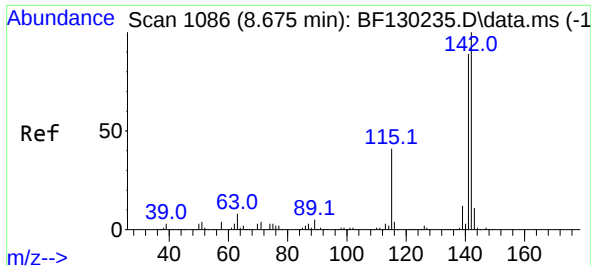
10/14/2022



#36
4-Chloro-3-methylphenol
Concen: 45.050 ng
RT: 8.486 min Scan# 1088
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Tgt Ion:107 Resp: 166754
Ion Ratio Lower Upper
107 100
144 23.3 20.0 30.0
142 75.3 61.3 91.9





#37

2-Methylnaphthalene

Concen: 46.764 ng

RT: 8.628 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF130538.D

Acq: 05 Oct 2022 19:42

Instrument :

BNA_F

ClientSampleId :

L-1MSD

Tgt Ion:142 Resp: 373140

Ion Ratio Lower Upper

142 100

141 86.4 70.0 105.0

Manual Integrations

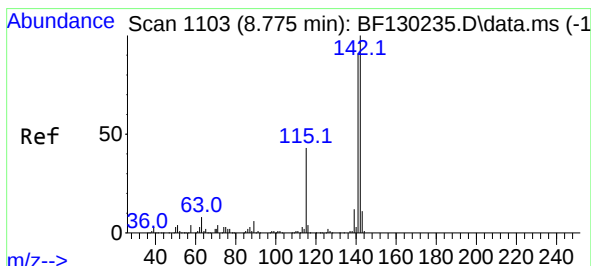
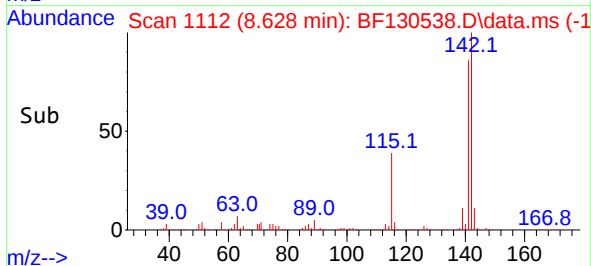
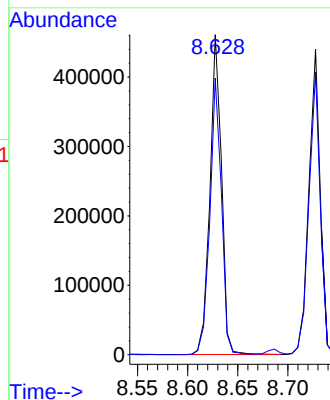
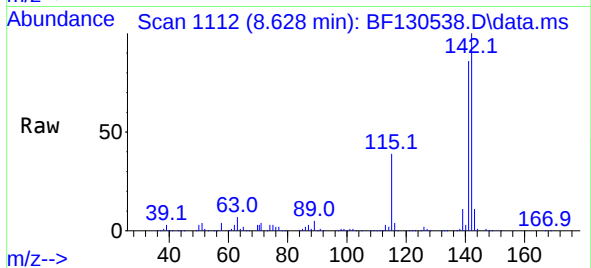
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ahmed

10/14/2022



#38

1-Methylnaphthalene

Concen: 45.204 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF130538.D

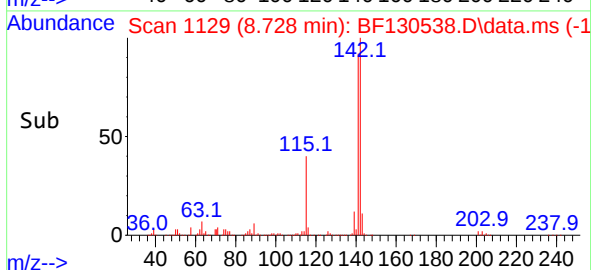
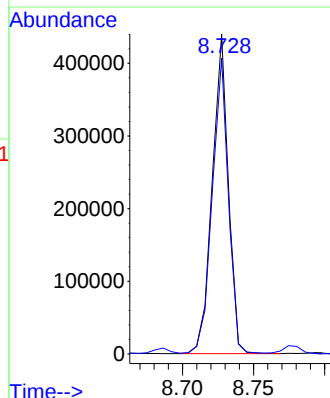
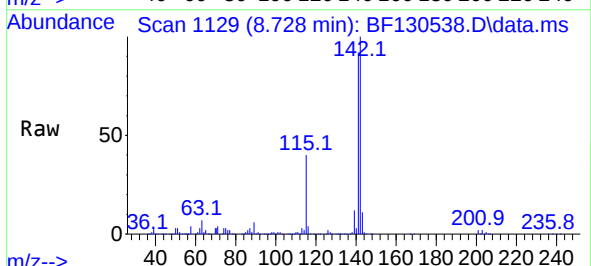
Acq: 05 Oct 2022 19:42

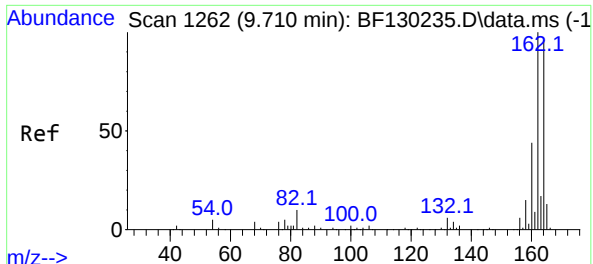
Tgt Ion:142 Resp: 346507

Ion Ratio Lower Upper

142 100

141 92.5 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF130538.D

Acq: 05 Oct 2022 19:42

Instrument :

BNA_F

ClientSampleId :

L-1MSD

Tgt Ion:164 Resp: 106340

Ion Ratio Lower Upper

164 100

162 99.0 81.4 122.0

160 42.9 36.2 54.4

Manual Integrations

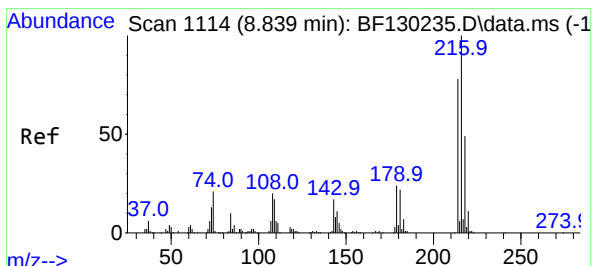
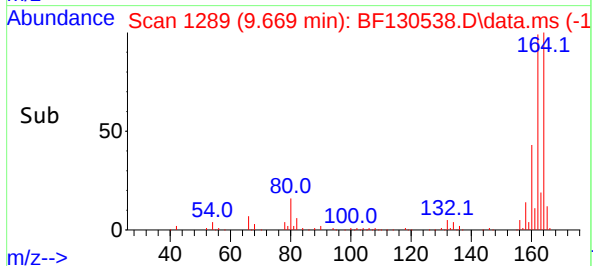
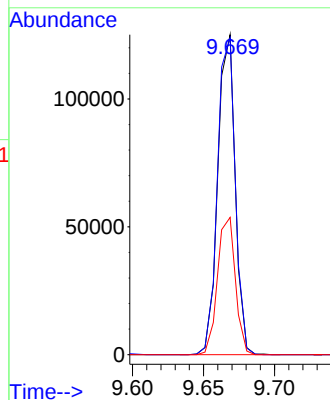
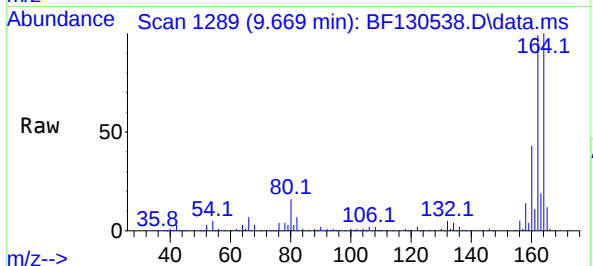
APPROVED

Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

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Supervised By :mohammad
ahmed

10/14/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.361 ng

RT: 8.792 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF130538.D

Acq: 05 Oct 2022 19:42

Tgt Ion:216 Resp: 163574

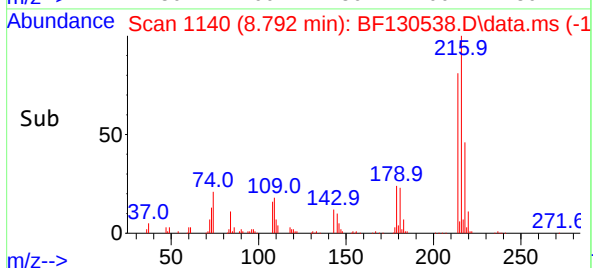
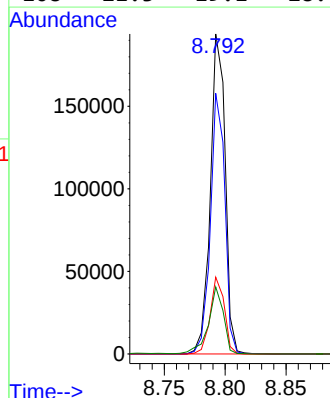
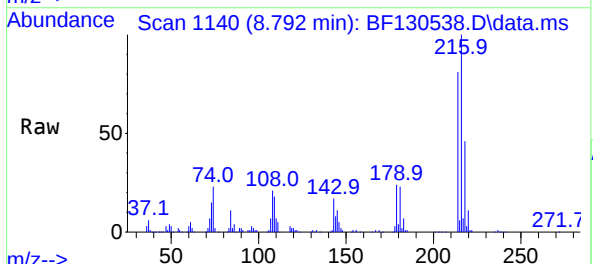
Ion Ratio Lower Upper

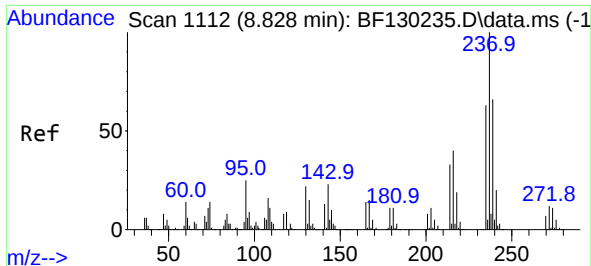
216 100

214 79.3 62.8 94.2

179 23.0 19.5 29.3

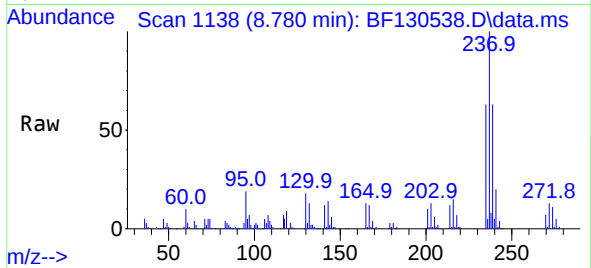
108 21.3 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 43.231 ng
RT: 8.780 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



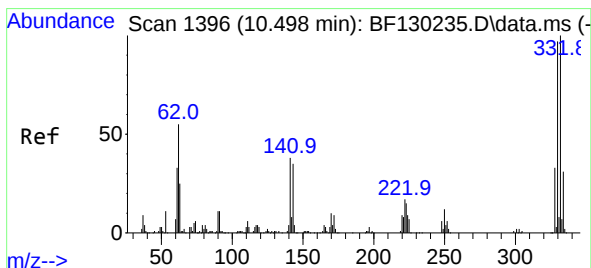
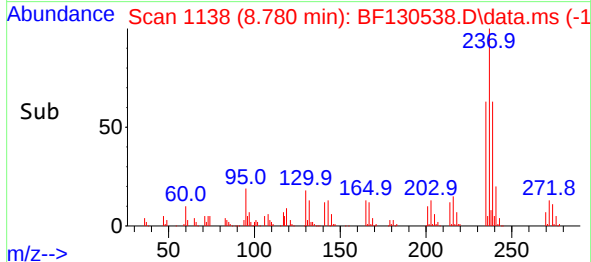
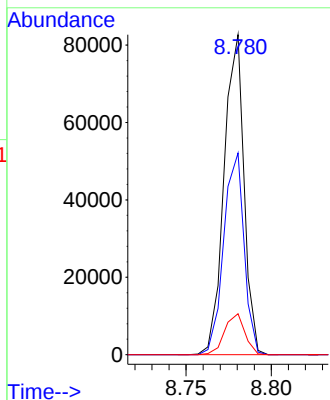
Tgt Ion:237 Resp: 67174
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 12.8 0.0 32.8

Manual Integrations
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Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

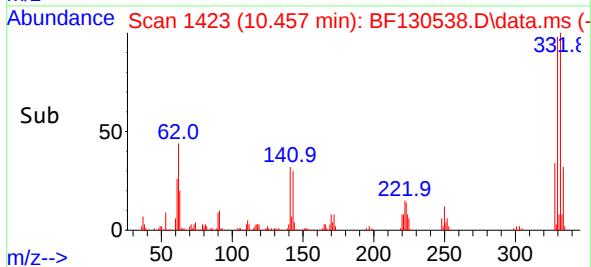
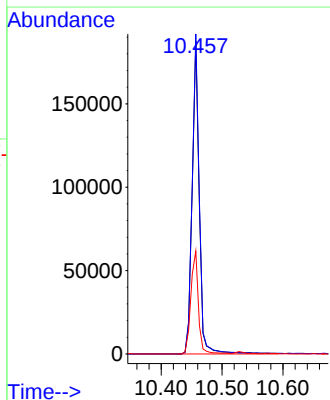
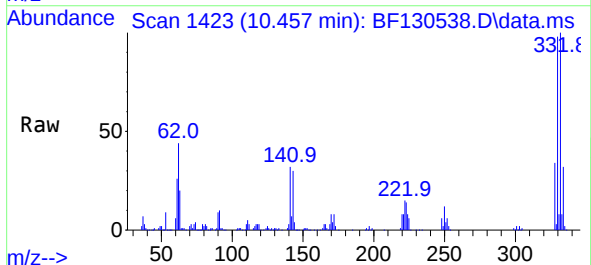
10/06/2022
Supervised By :mohammad
ahmed

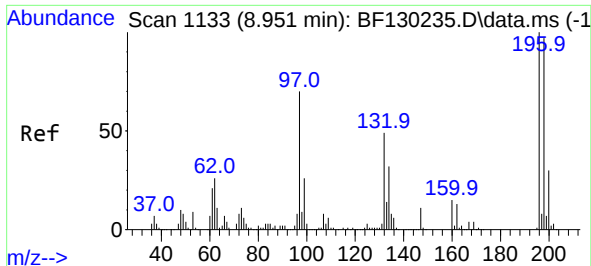
10/14/2022



#42
2,4,6-Tribromophenol
Concen: 148.996 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

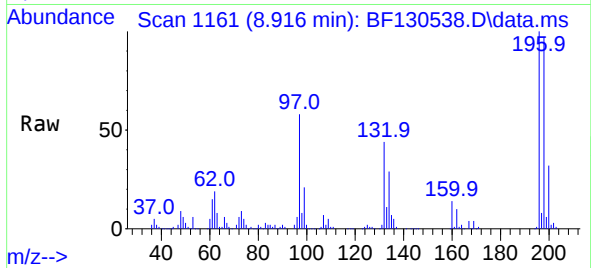
Tgt Ion:330 Resp: 151827
Ion Ratio Lower Upper
330 100
332 102.9 83.4 125.2
141 35.0 34.0 51.0





#43
2,4,6-Trichlorophenol
Concen: 49.626 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



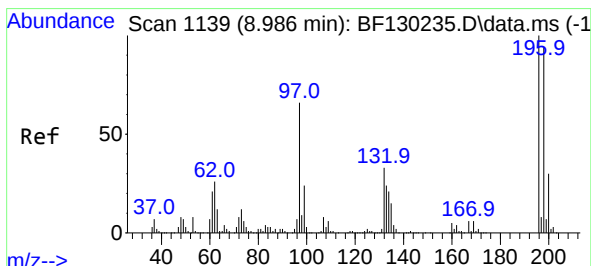
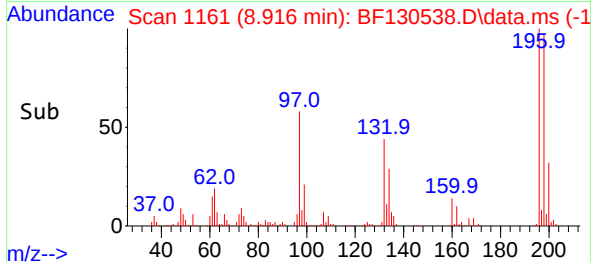
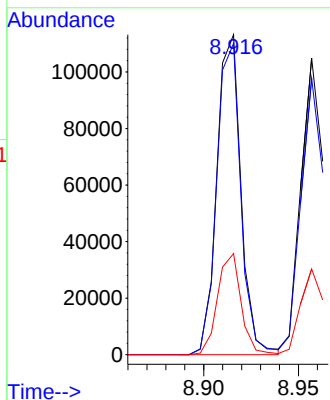
Tgt Ion:196 Resp: 100518
Ion Ratio Lower Upper
196 100
198 97.2 72.4 108.6
200 31.6 23.8 35.6

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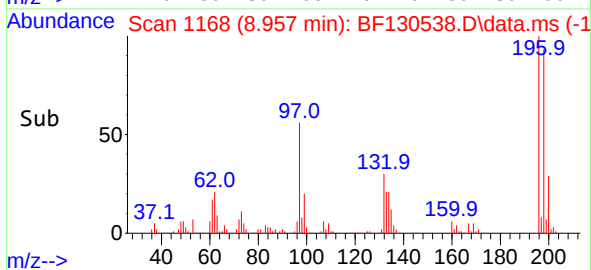
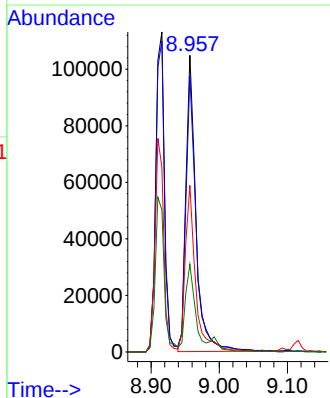
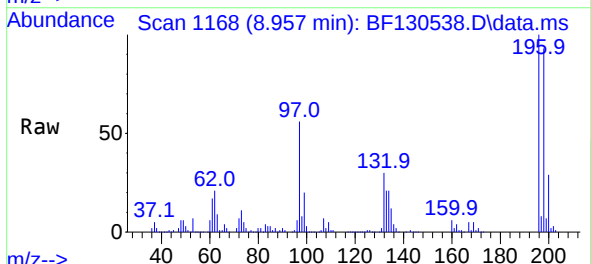
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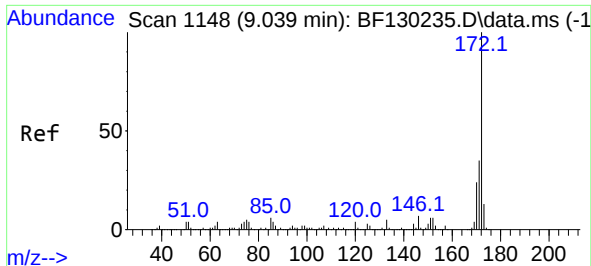
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#44
2,4,5-Trichlorophenol
Concen: 48.792 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

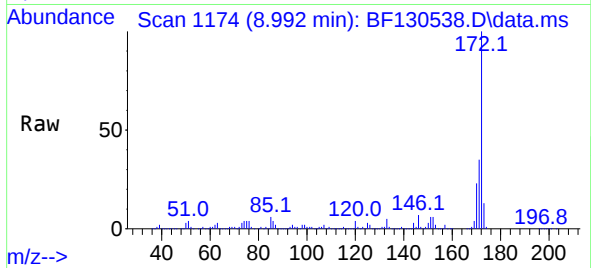
Tgt Ion:196 Resp: 106647
Ion Ratio Lower Upper
196 100
198 93.2 74.8 112.2
97 56.1 43.7 65.5
132 29.5 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 93.535 ng
RT: 8.992 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



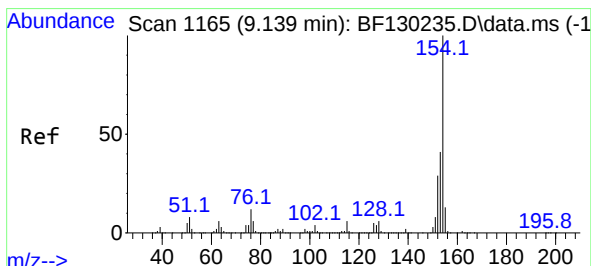
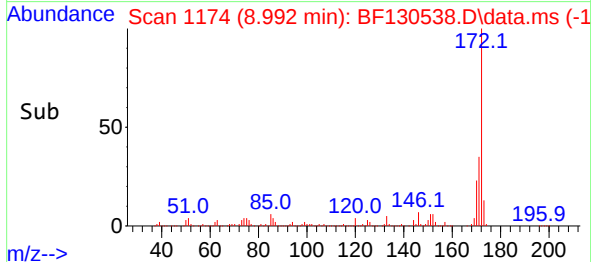
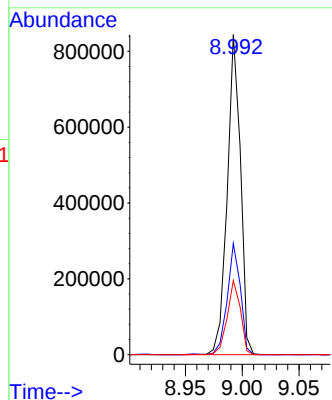
Tgt Ion:172 Resp: 683080
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 18.7 28.1

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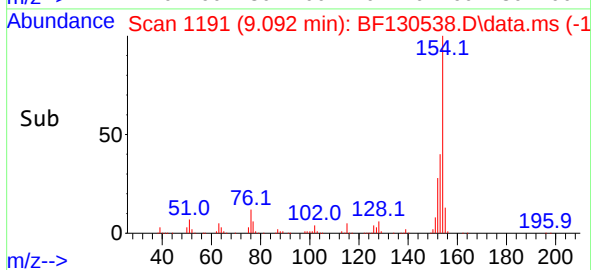
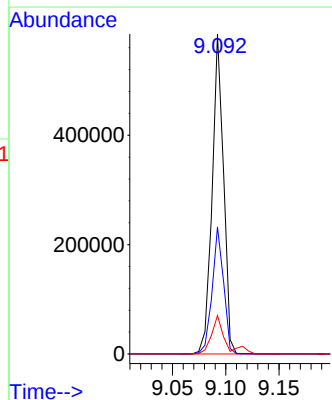
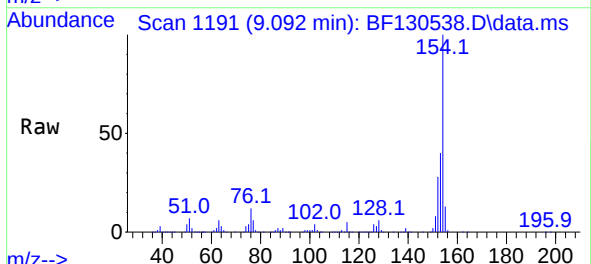
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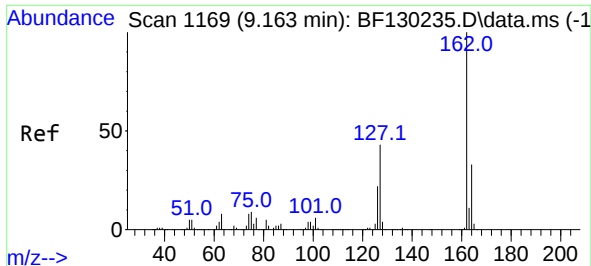
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#46
1,1'-Biphenyl
Concen: 54.814 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Tgt Ion:154 Resp: 435357
Ion Ratio Lower Upper
154 100
153 39.7 20.0 60.0
76 12.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 50.859 ng

RT: 9.116 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF130538.D

Acq: 05 Oct 2022 19:42

Instrument :

BNA_F

ClientSampleId :

L-1MSD

Tgt Ion:162 Resp: 32676

Ion Ratio Lower Upper

162 100

127 43.7 35.9 53.9

164 32.8 26.2 39.2

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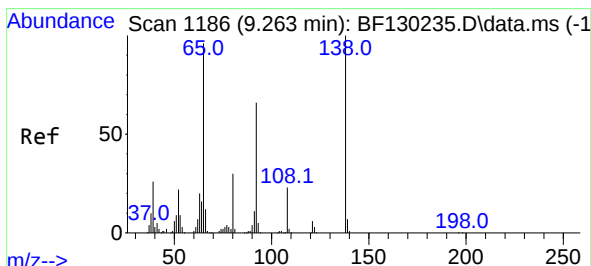
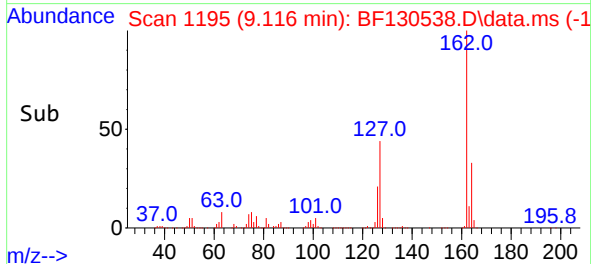
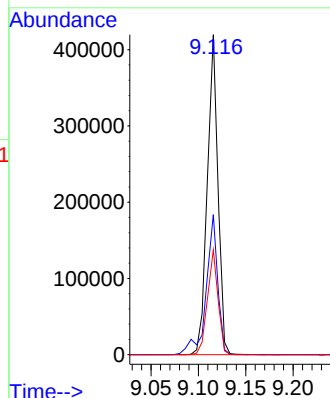
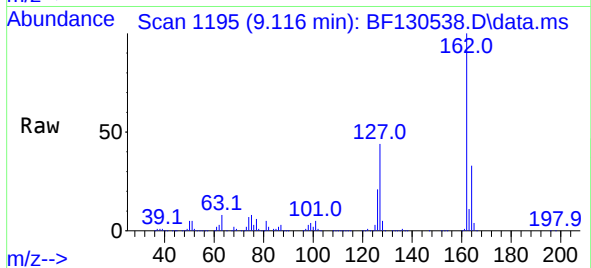
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ahmed

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#48

2-Nitroaniline

Concen: 47.074 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF130538.D

Acq: 05 Oct 2022 19:42

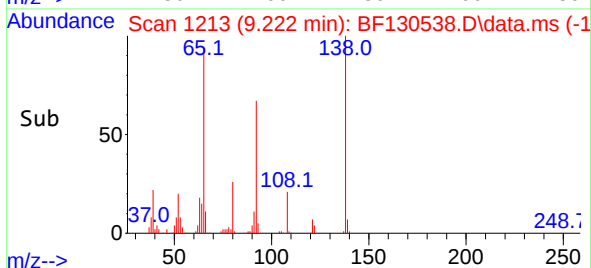
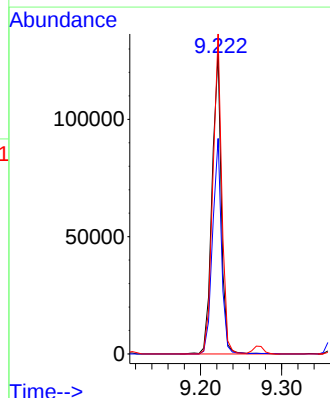
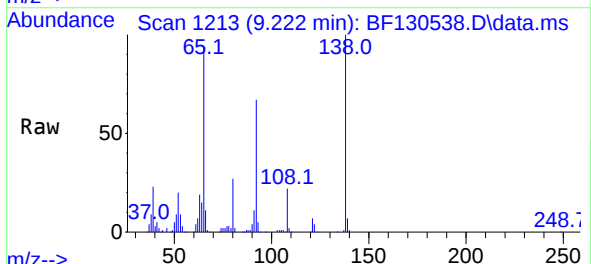
Tgt Ion: 65 Resp: 100875

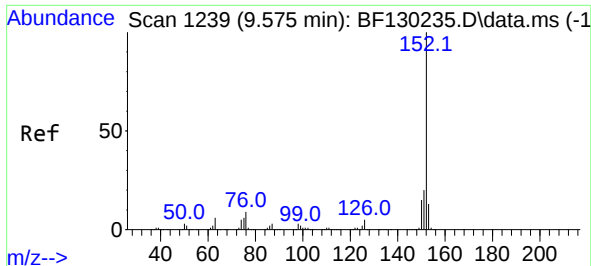
Ion Ratio Lower Upper

65 100

92 71.8 52.2 78.4

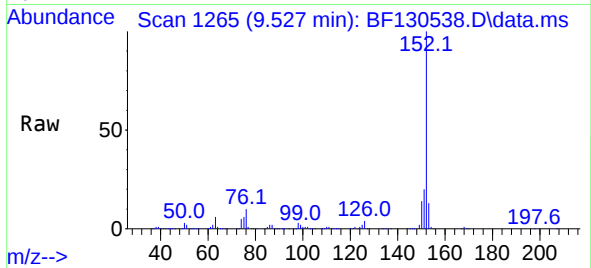
138 106.6 77.0 115.4





#49
Acenaphthylene
Concen: 49.379 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



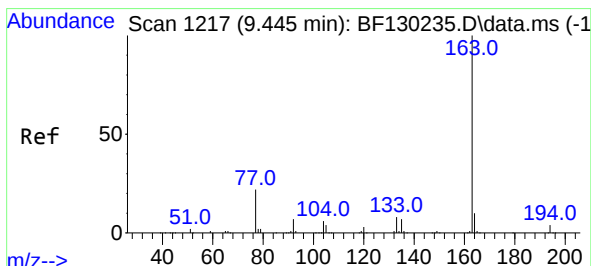
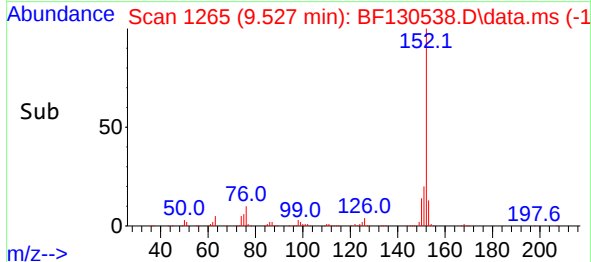
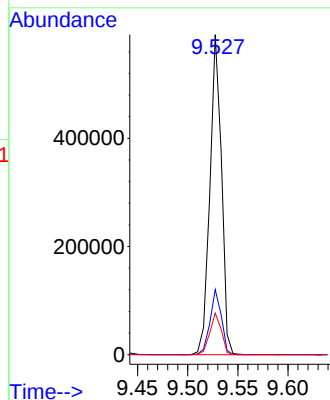
Tgt Ion:152 Resp: 47567
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.6 15.8

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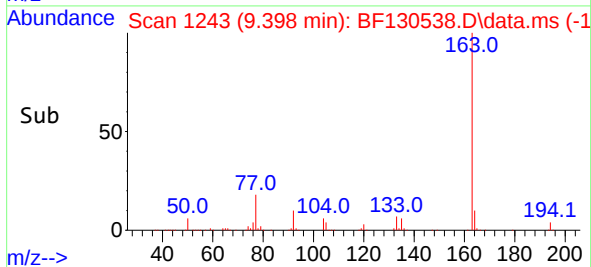
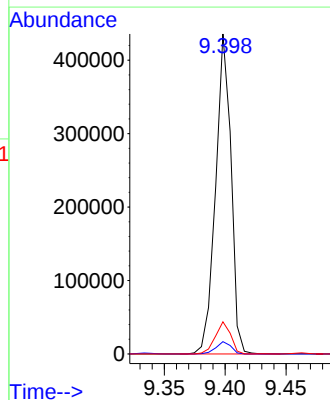
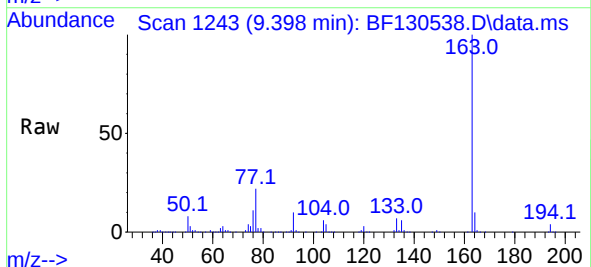
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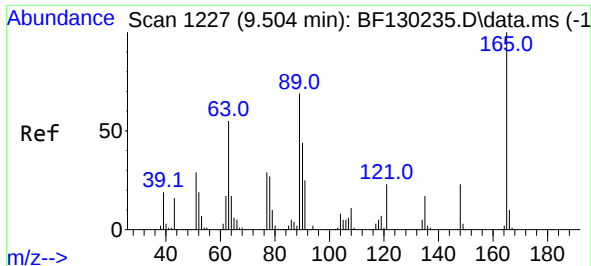
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#50
Dimethylphthalate
Concen: 52.146 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Tgt Ion:163 Resp: 383058
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.525 ng
RT: 9.463 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD

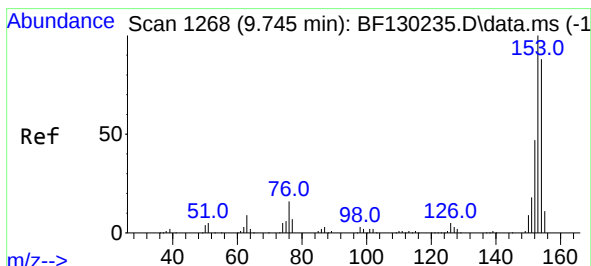
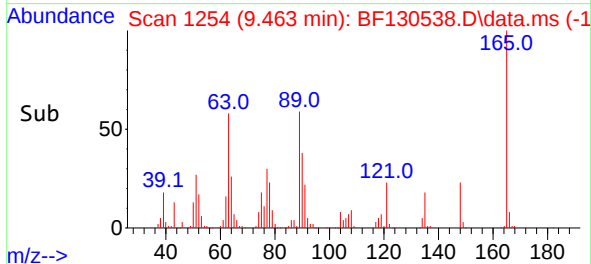
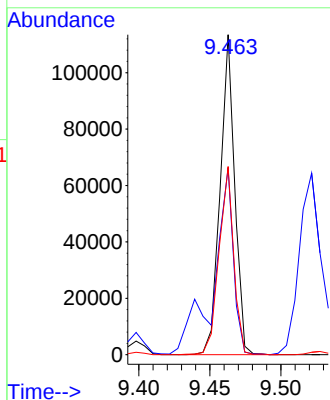
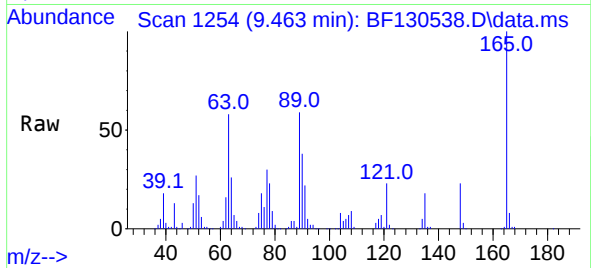
Tgt Ion:165 Resp: 8069
Ion Ratio Lower Upper
165 100
63 58.3 58.8 88.2
89 58.8 54.5 81.7

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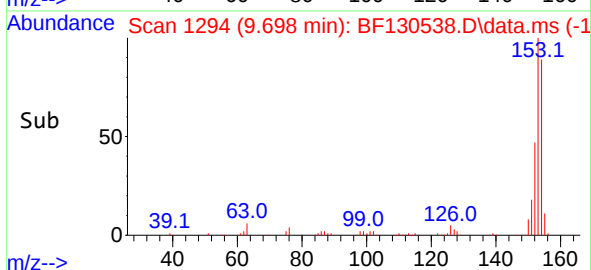
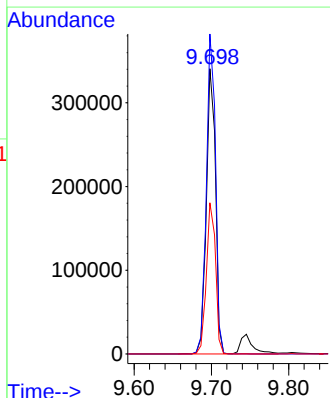
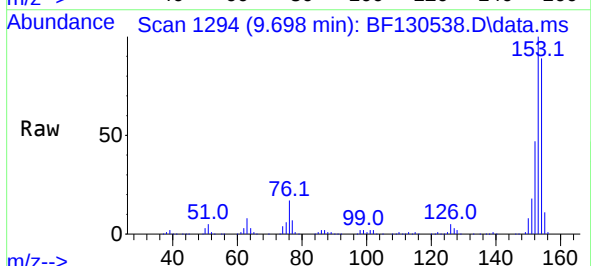
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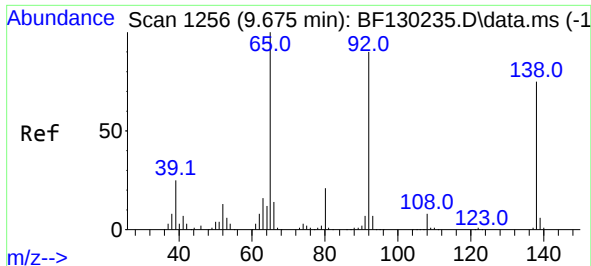
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#52
Acenaphthene
Concen: 48.465 ng m
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

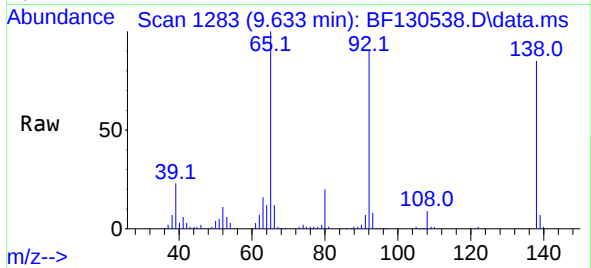
Tgt Ion:154 Resp: 306749
Ion Ratio Lower Upper
154 100
153 112.2 90.6 136.0
152 53.0 43.8 65.6





#53
3-Nitroaniline
Concen: 36.377 ng
RT: 9.633 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



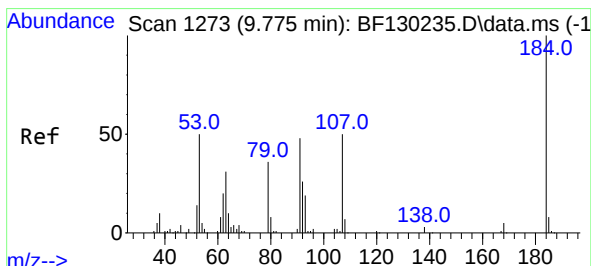
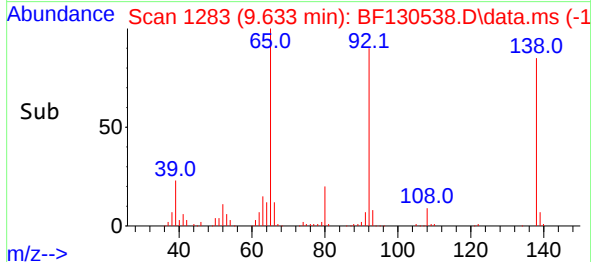
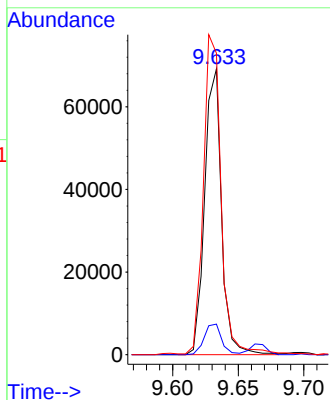
Tgt Ion:138 Resp: 62270
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 105.5 99.2 148.8

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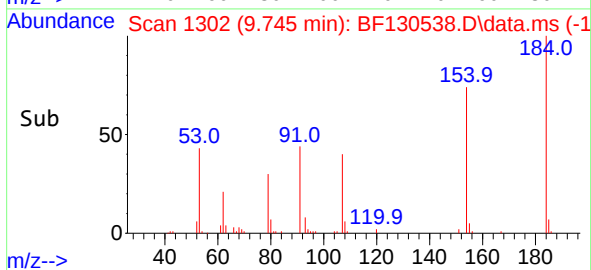
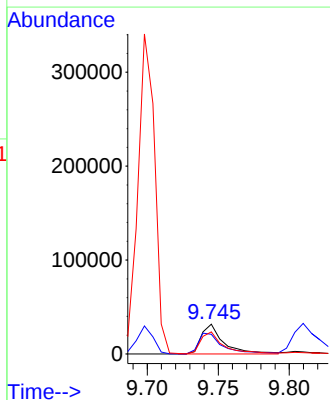
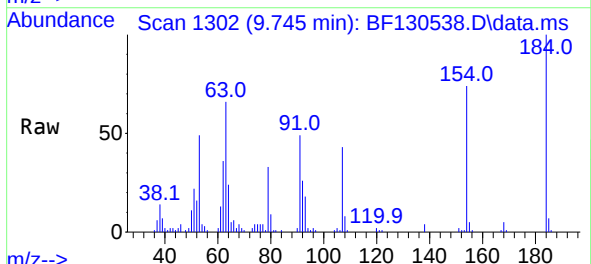
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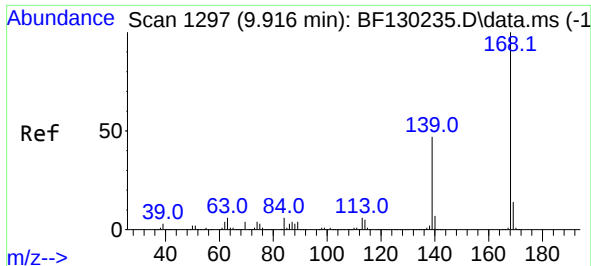
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#54
2,4-Dinitrophenol
Concen: 44.713 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

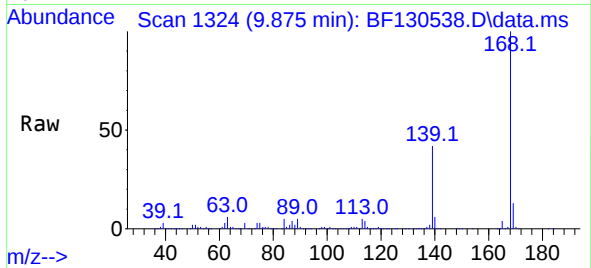
Tgt Ion:184 Resp: 34770
Ion Ratio Lower Upper
184 100
63 66.2 70.0 105.0#
154 74.1 63.0 94.6





#55
Dibenzenofuran
Concen: 48.311 ng
RT: 9.875 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



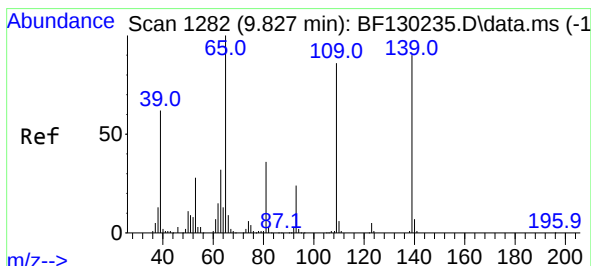
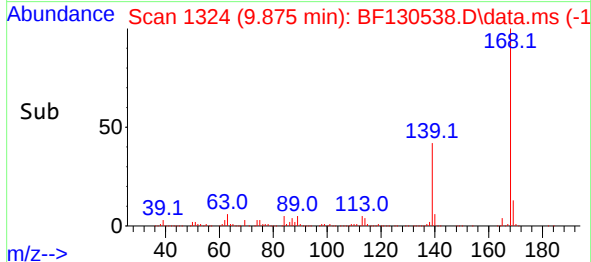
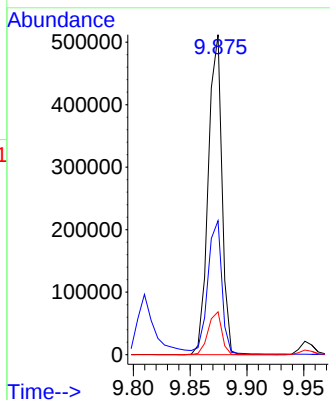
Tgt Ion:168 Resp: 425310
Ion Ratio Lower Upper
168 100
139 41.9 35.0 52.4
169 13.4 10.9 16.3

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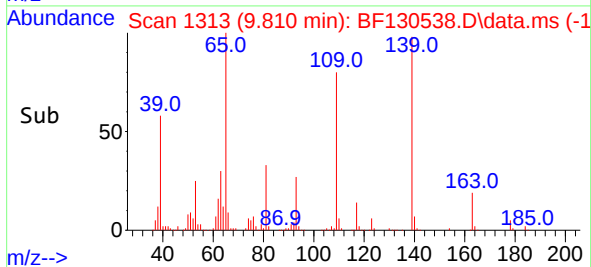
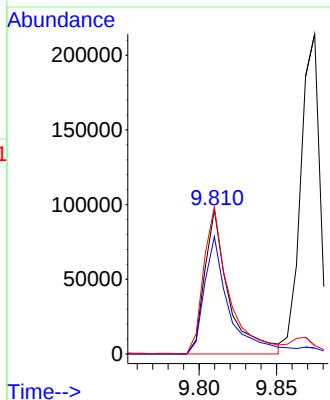
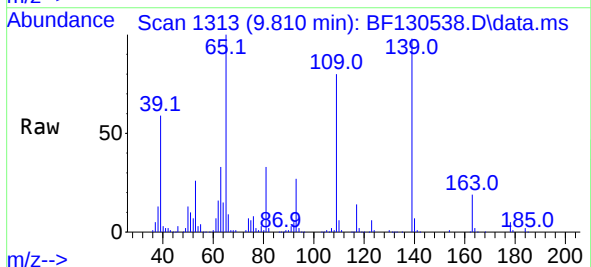
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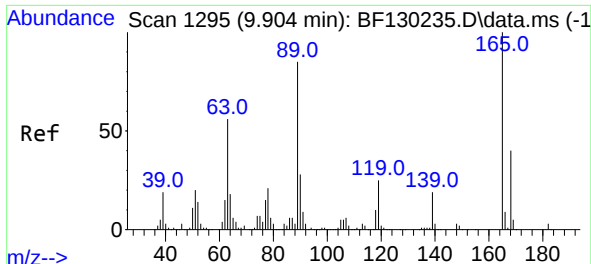
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#56
4-Nitrophenol
Concen: 83.729 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

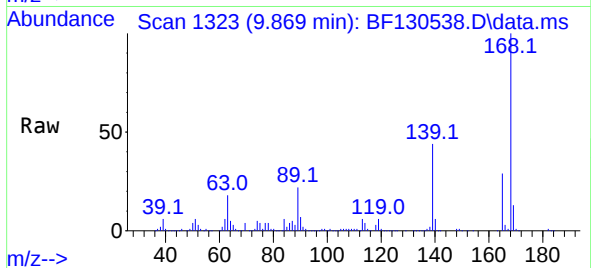
Tgt Ion:139 Resp: 104398
Ion Ratio Lower Upper
139 100
109 81.4 72.2 112.2
65 102.0 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 52.785 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



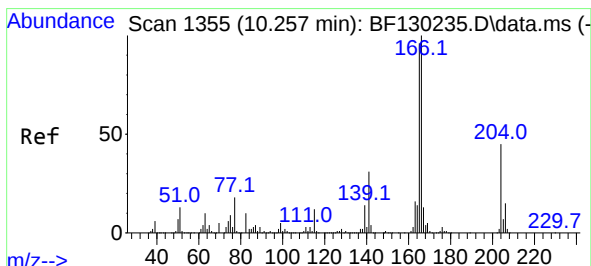
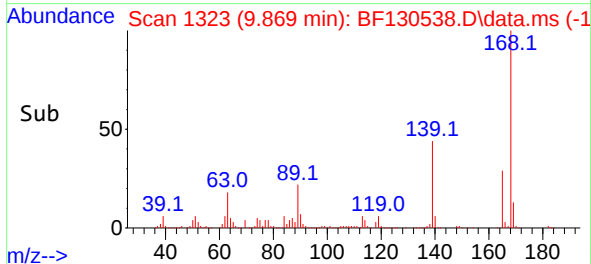
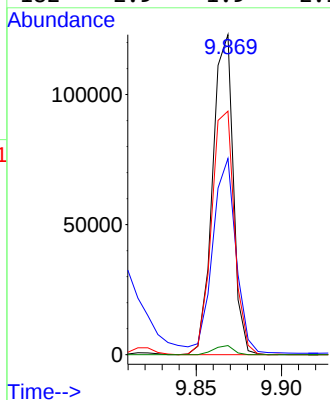
Tgt Ion:165 Resp: 103639
Ion Ratio Lower Upper
165 100
63 61.3 44.7 67.1
89 76.1 69.0 103.4
182 2.9 1.9 2.9

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Supervised By :mohammad ahmed 10/14/2022

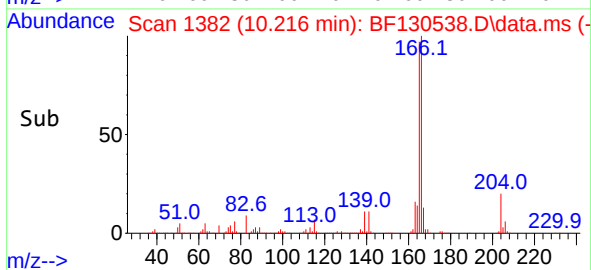
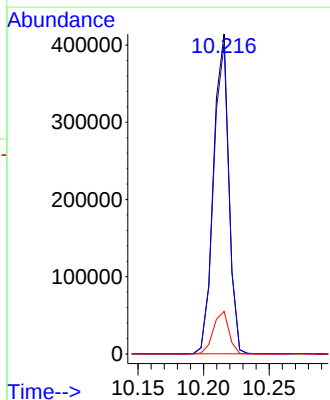
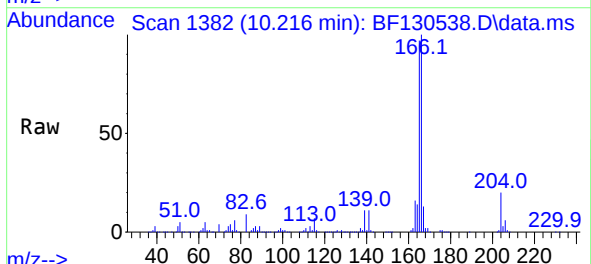
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Supervised By :mohammad
ahmed

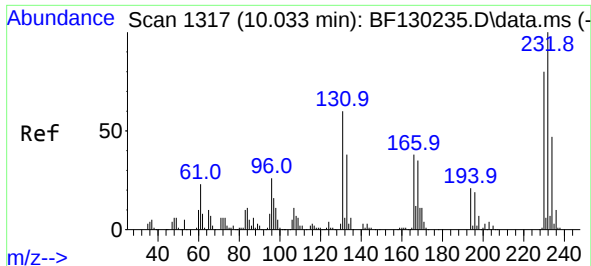
10/14/2022



#58
Fluorene
Concen: 46.759 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

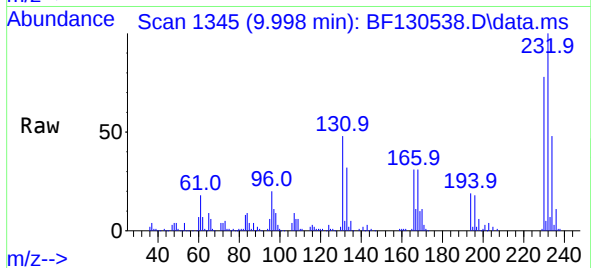
Tgt Ion:166 Resp: 336652
Ion Ratio Lower Upper
166 100
165 96.8 78.8 118.2
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.005 ng
RT: 9.998 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



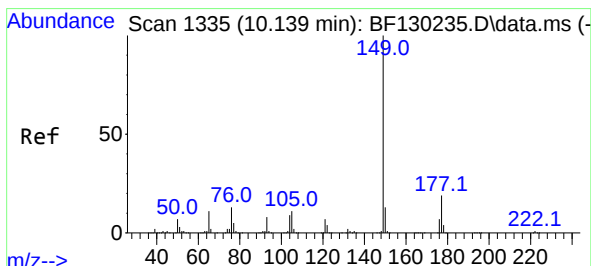
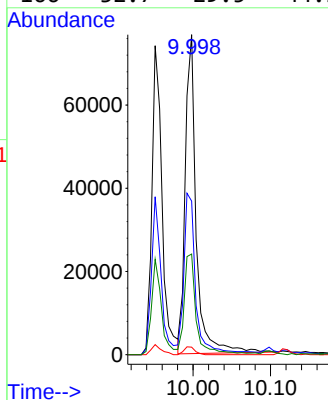
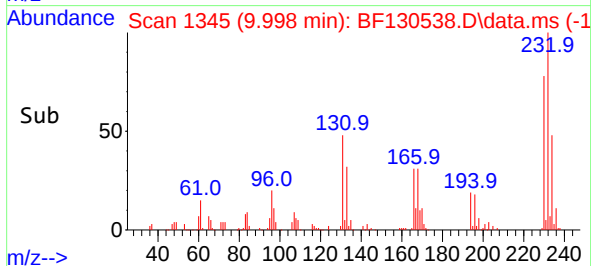
Tgt Ion:232 Resp: 75284
Ion Ratio Lower Upper
232 100
131 53.0 46.4 69.6
130 2.5 2.3 3.5
166 32.7 29.5 44.3

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Supervised By :mohammad ahmed 10/14/2022

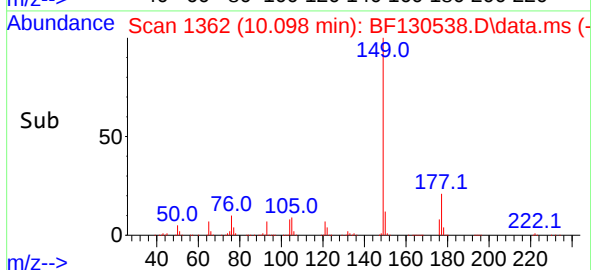
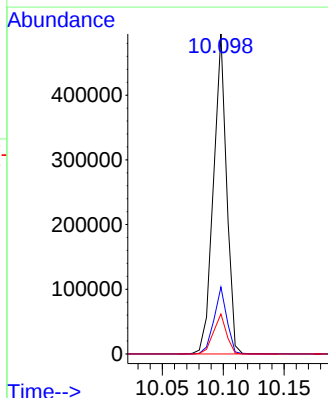
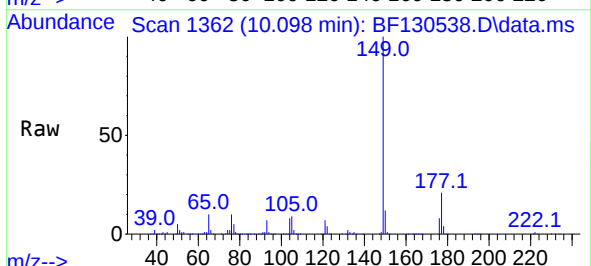
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Supervised By :mohammad
ahmed

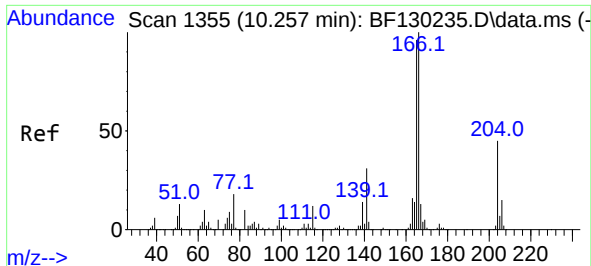
10/14/2022



#60
Diethylphthalate
Concen: 50.308 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

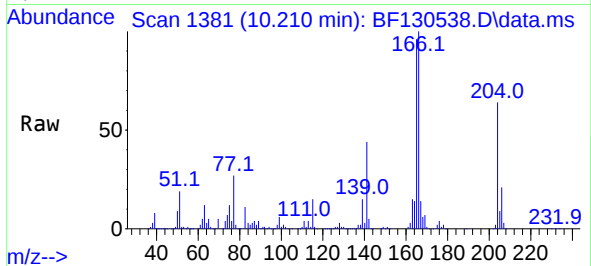
Tgt Ion:149 Resp: 370593
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 50.240 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



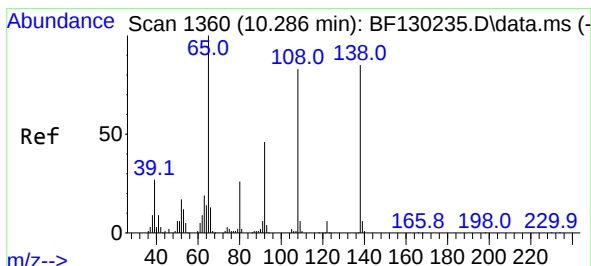
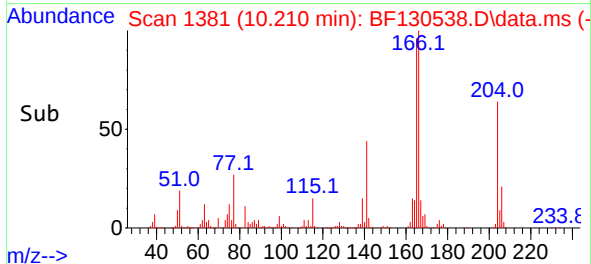
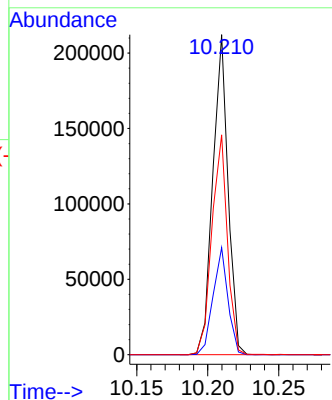
Tgt Ion:204 Resp: 158670
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 68.7 57.1 85.7

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Supervised By :mohammad ahmed 10/14/2022

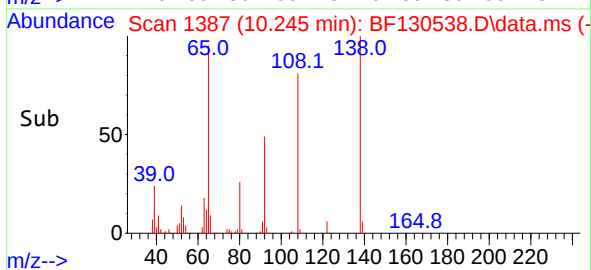
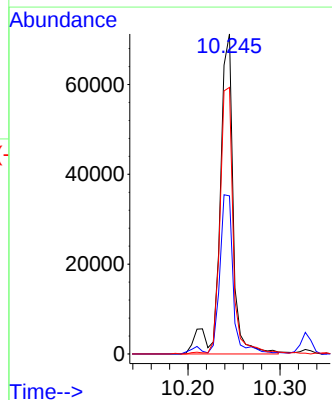
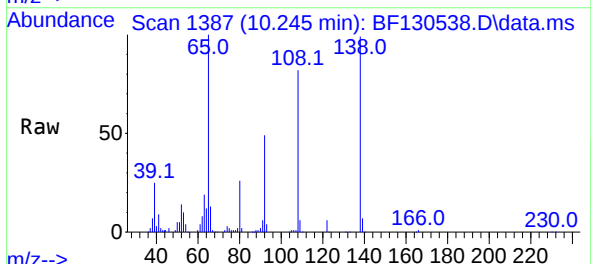
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ahmed

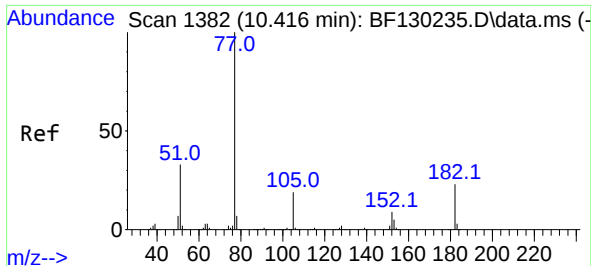
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#62
4-Nitroaniline
Concen: 41.500 ng m
RT: 10.245 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

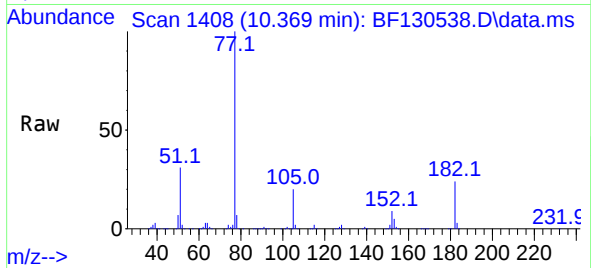
Tgt Ion:138 Resp: 71369
Ion Ratio Lower Upper
138 100
92 49.4 36.7 76.7
108 83.3 78.2 118.2





#63
Azobenzene
Concen: 43.629 ng
RT: 10.369 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



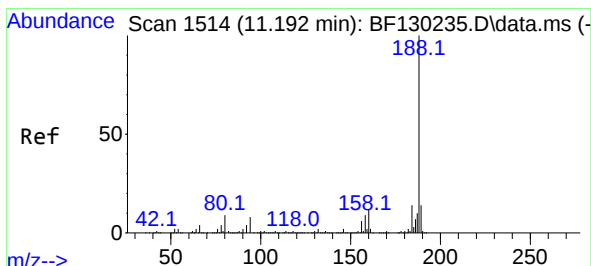
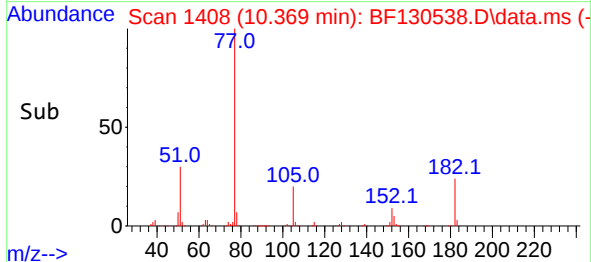
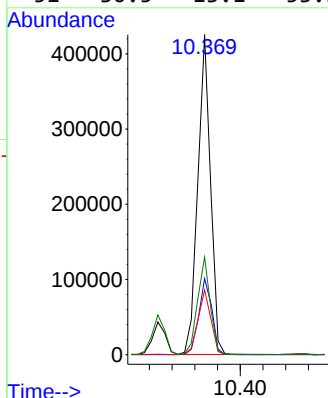
Tgt Ion: 77 Resp: 33094
Ion Ratio Lower Upper
77 100
182 23.7 2.1 42.1
105 20.2 0.0 39.4
51 30.5 13.1 53.1

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Supervised By :mohammad ahmed 10/14/2022

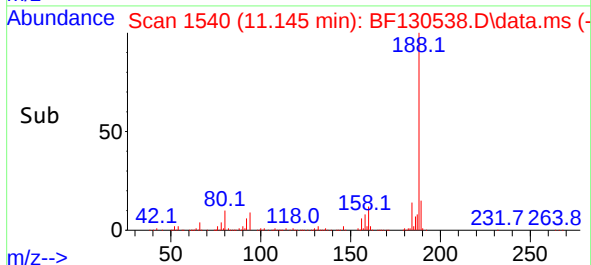
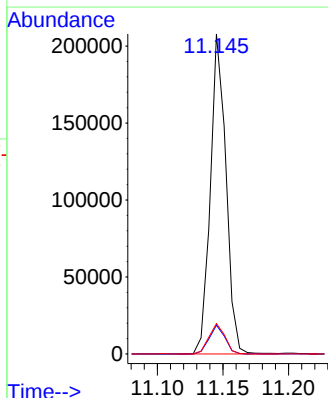
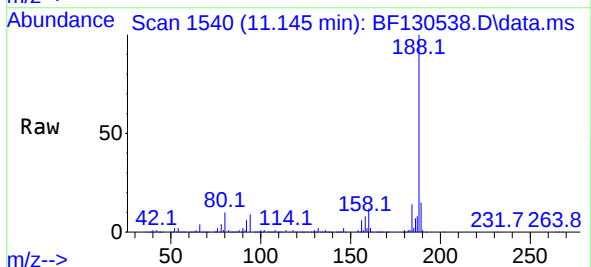
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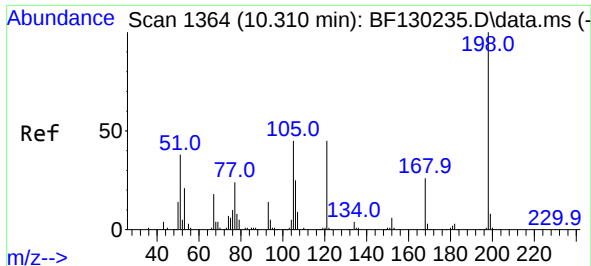
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

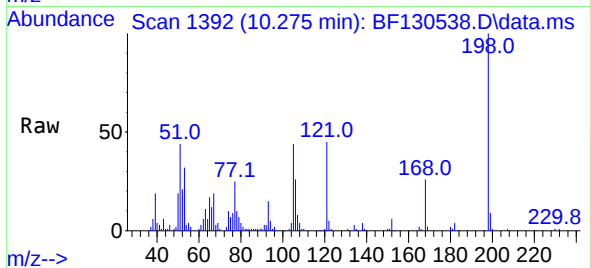
Tgt Ion:188 Resp: 172300
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 29.798 ng
RT: 10.275 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



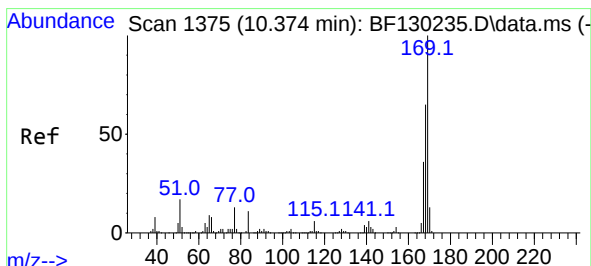
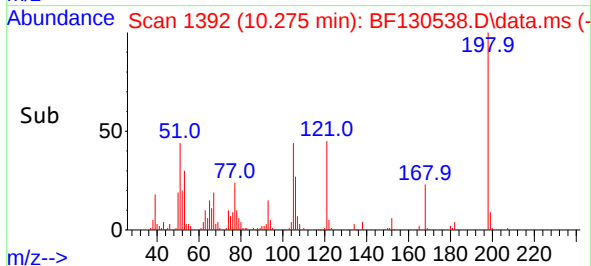
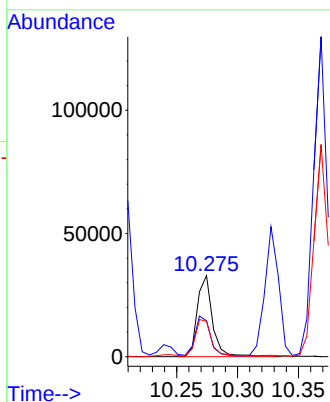
Tgt Ion:198 Resp: 28580
Ion Ratio Lower Upper
198 100
51 44.1 36.9 76.9
105 43.5 33.0 73.0

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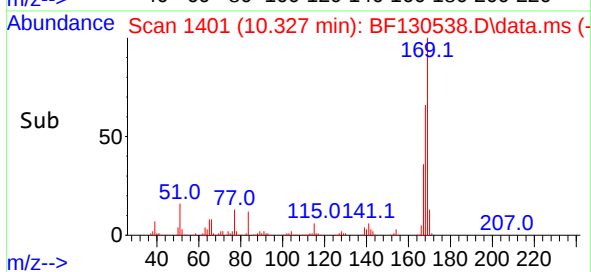
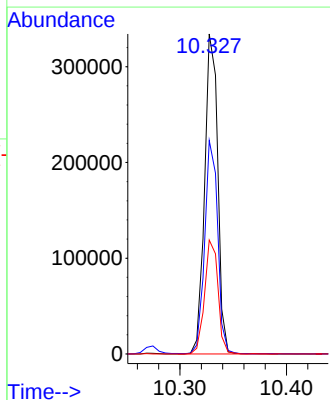
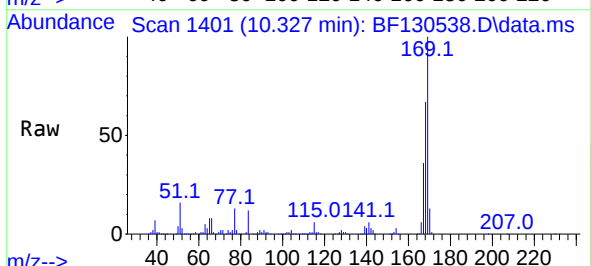
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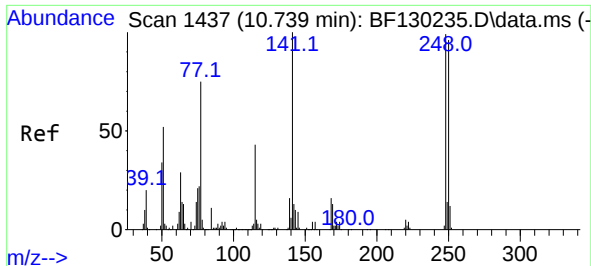
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#66
n-Nitrosodiphenylamine
Concen: 49.795 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

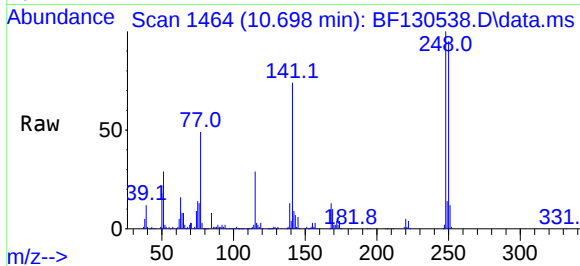
Tgt Ion:169 Resp: 286705
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 35.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 52.524 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



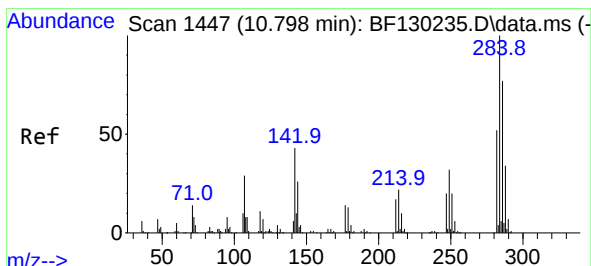
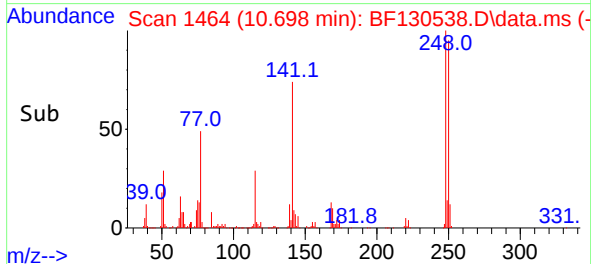
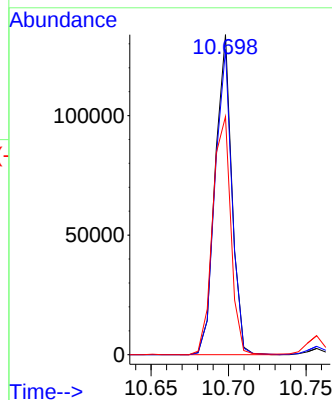
Tgt Ion:248 Resp: 99835
Ion Ratio Lower Upper
248 100
250 95.4 80.0 120.0
141 74.4 68.5 102.7

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Supervised By :mohammad ahmed 10/14/2022

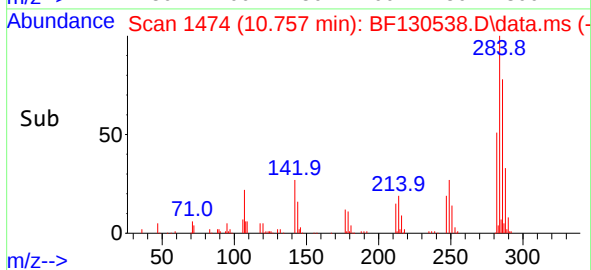
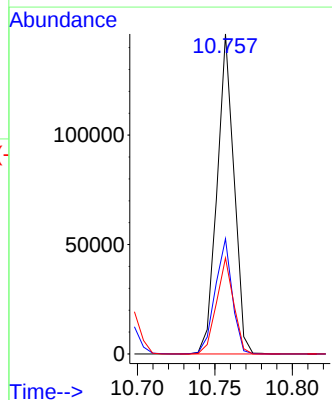
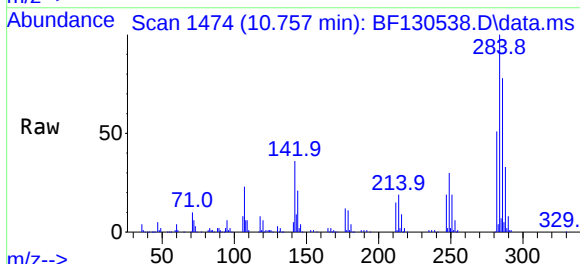
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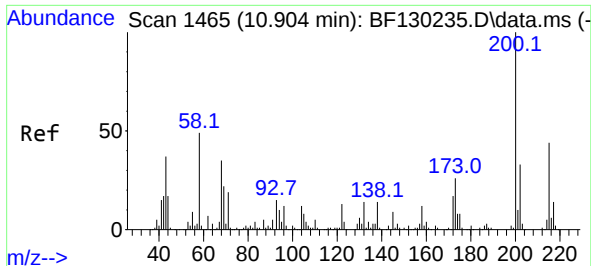
10/14/2022



#68
Hexachlorobenzene
Concen: 51.560 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

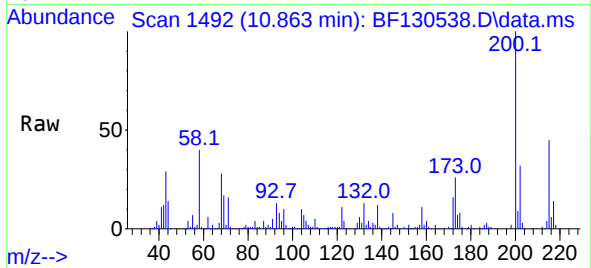
Tgt Ion:284 Resp: 111092
Ion Ratio Lower Upper
284 100
142 36.0 27.2 40.8
249 30.0 23.8 35.8





#69
Atrazine
Concen: 57.805 ng
RT: 10.863 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



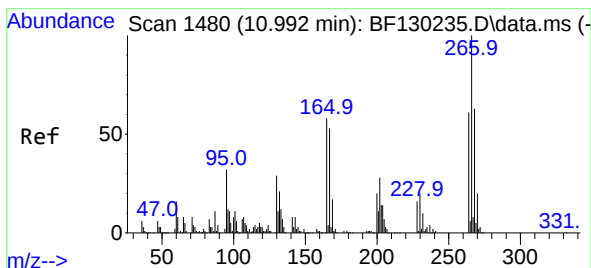
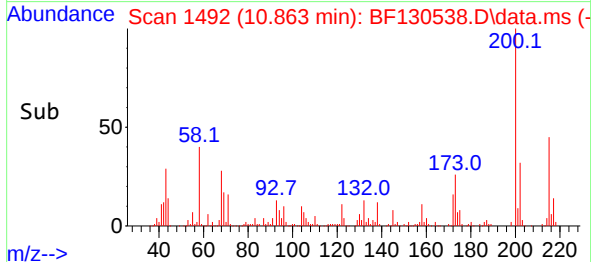
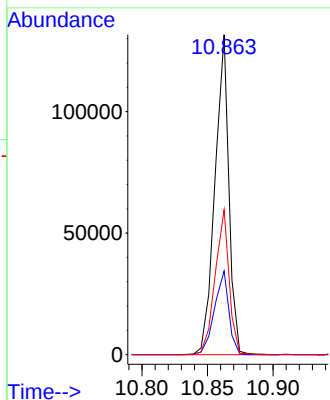
Tgt Ion:200 Resp: 97264
Ion Ratio Lower Upper
200 100
173 26.2 6.2 46.2
215 45.3 22.5 62.5

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Supervised By :mohammad ahmed 10/14/2022

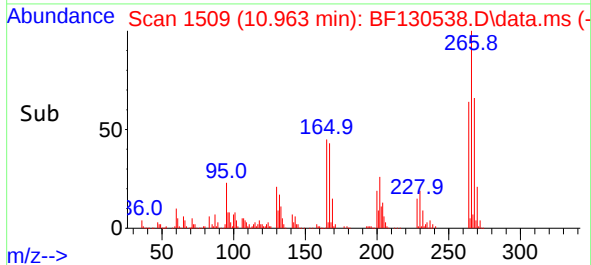
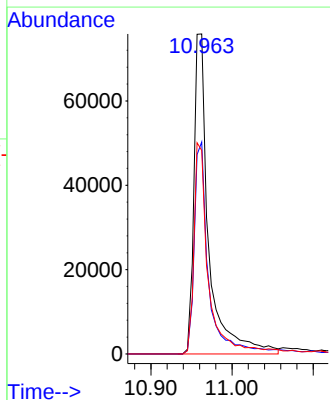
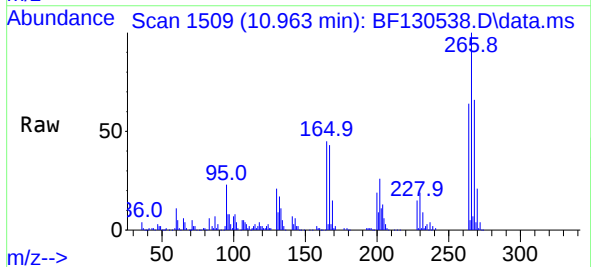
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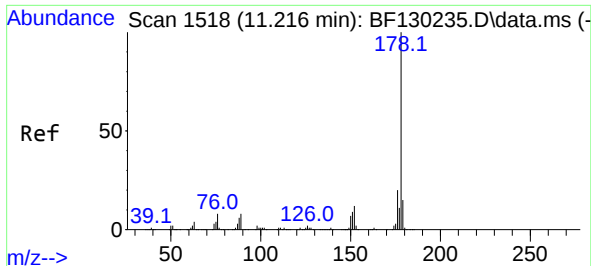
10/14/2022



#70
Pentachlorophenol
Concen: 84.121 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

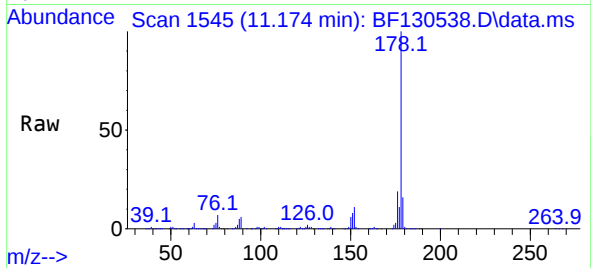
Tgt Ion:266 Resp: 97274
Ion Ratio Lower Upper
266 100
268 66.2 50.5 75.7
264 63.6 50.5 75.7





#71
Phenanthrene
Concen: 49.047 ng
RT: 11.174 min Scan# 1545
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



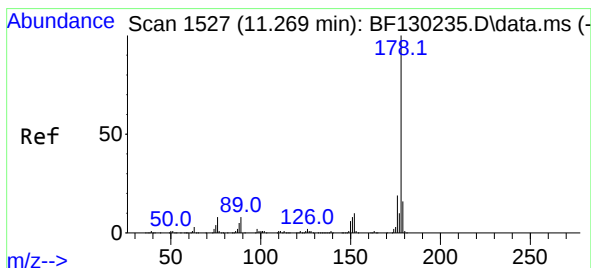
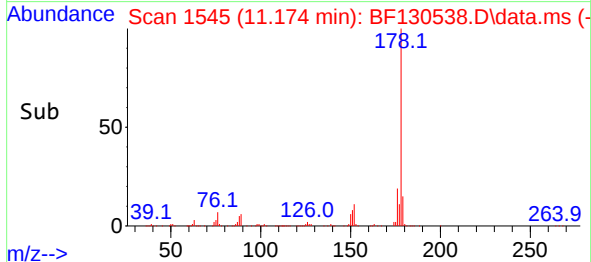
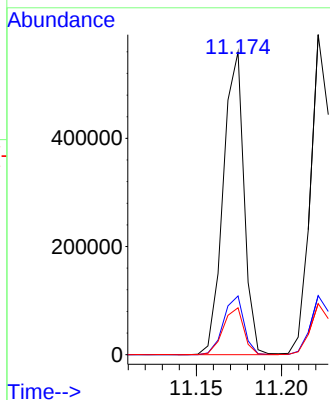
Tgt Ion:178 Resp: 474459
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.4 18.6

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Supervised By :mohammad ahmed 10/14/2022

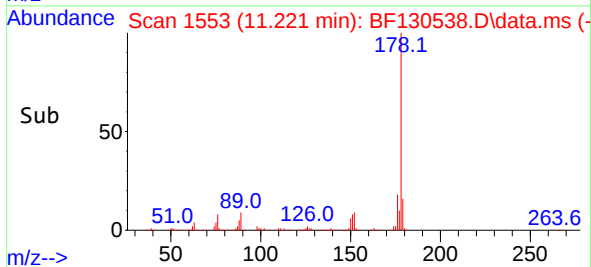
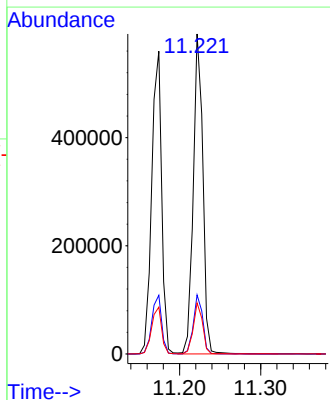
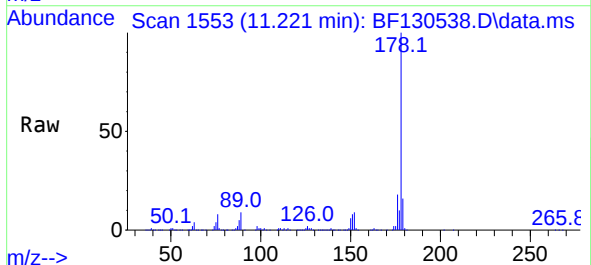
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ahmed

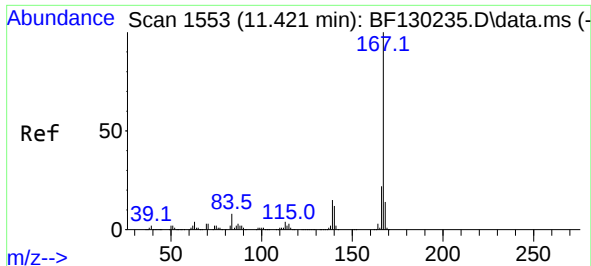
10/14/2022



#72
Anthracene
Concen: 52.297 ng
RT: 11.221 min Scan# 1553
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

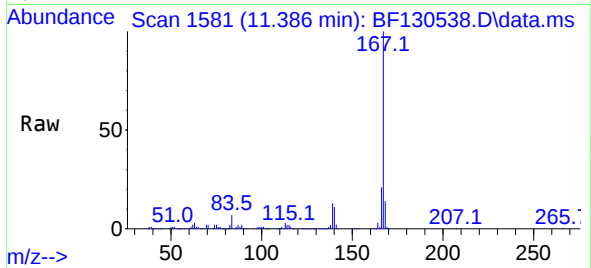
Tgt Ion:178 Resp: 488210
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 16.0 12.7 19.1





#73
 Carbazole
 Concen: 54.328 ng
 RT: 11.386 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130538.D
 Acq: 05 Oct 2022 19:42

Instrument :
 BNA_F
 ClientSampleId :
 L-1MSD



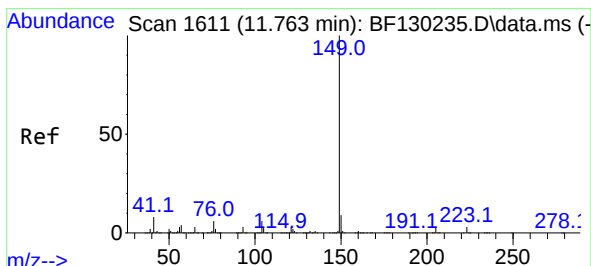
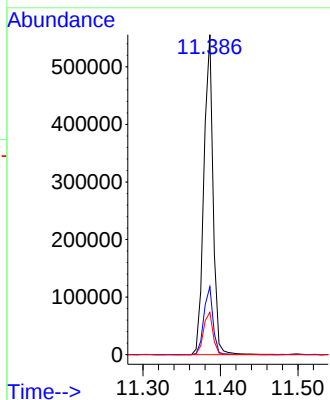
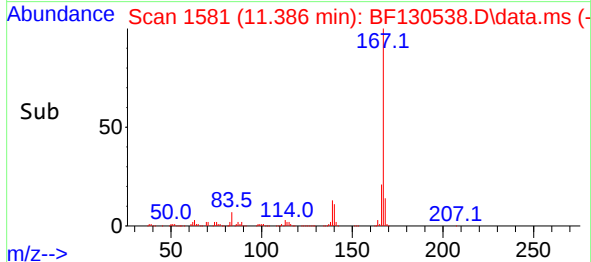
Tgt Ion:167 Resp: 457715
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 13.3 11.6 17.4

Manual Integrations
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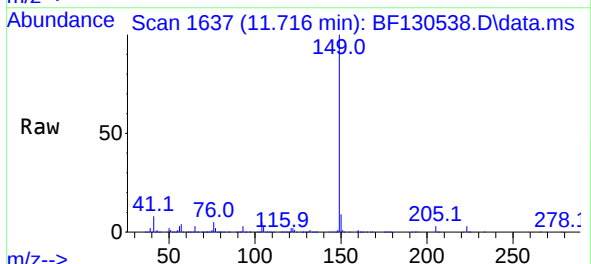
Reviewed By :Christian Giraldo 10/06/2022
 Supervised By :mohammad ahmed 10/14/2022

10/06/2022
 Supervised By :mohammad
 ahmed

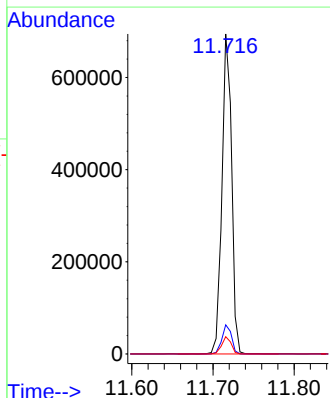
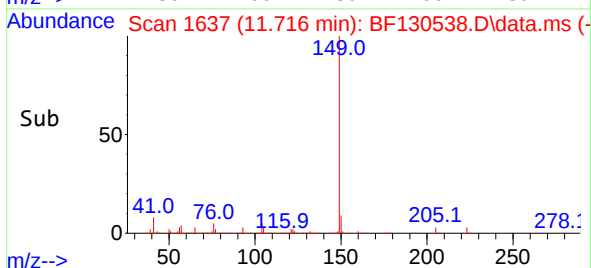
10/14/2022

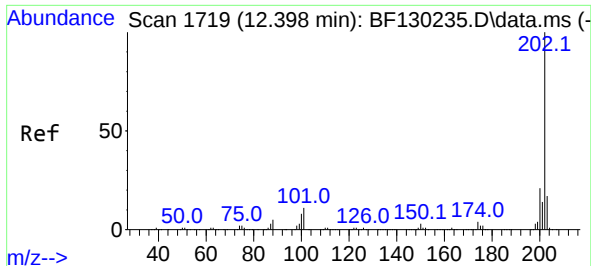


#74
 Di-n-butylphthalate
 Concen: 56.898 ng
 RT: 11.716 min Scan# 1637
 Delta R.T. -0.000 min
 Lab File: BF130538.D
 Acq: 05 Oct 2022 19:42



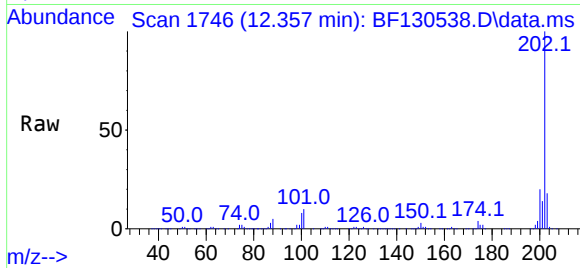
Tgt Ion:149 Resp: 578053
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.4 4.8 7.2





#75
Fluoranthene
Concen: 59.825 ng
RT: 12.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



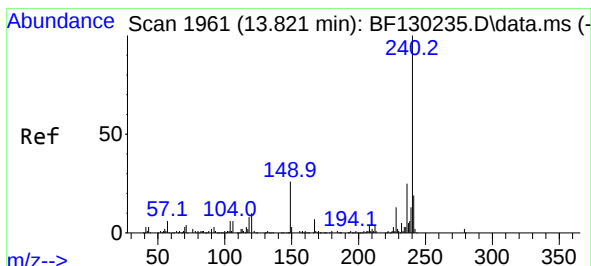
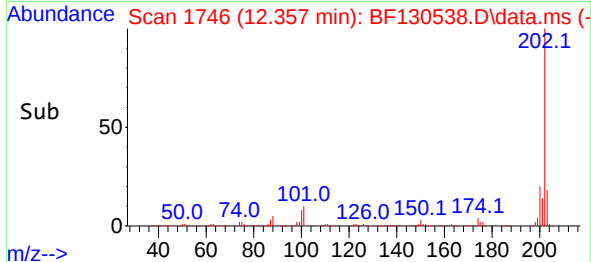
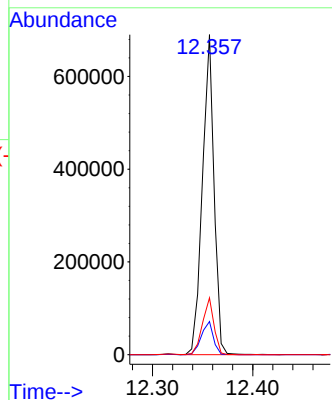
Tgt Ion:202 Resp: 55921
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.8
203 17.8 0.0 37.8

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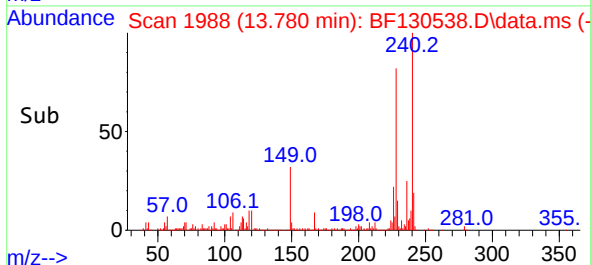
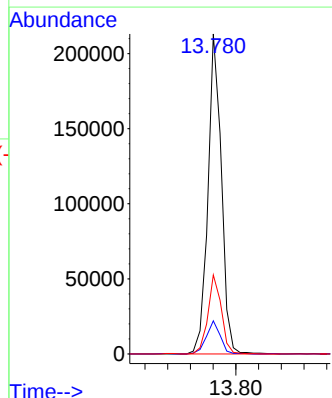
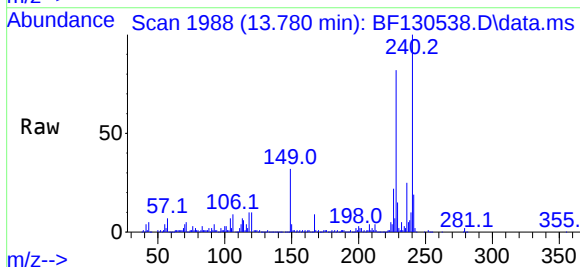
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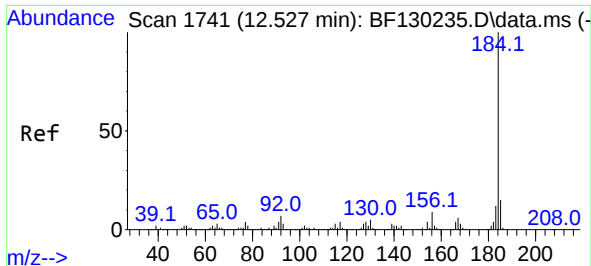
10/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

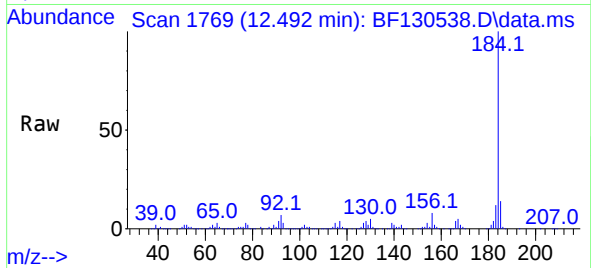
Tgt Ion:240 Resp: 174310
Ion Ratio Lower Upper
240 100
120 10.3 8.7 13.1
236 24.7 20.9 31.3





#77
Benzidine
Concen: 78.804 ng
RT: 12.492 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



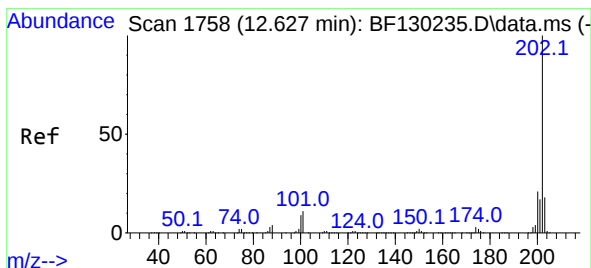
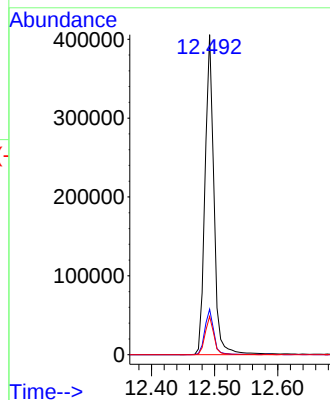
Tgt Ion:184 Resp: 398758
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.9 9.1 13.7

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Supervised By :mohammad ahmed 10/14/2022

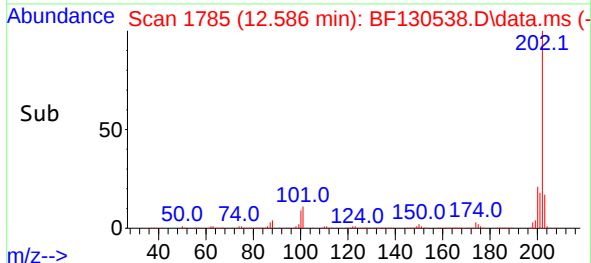
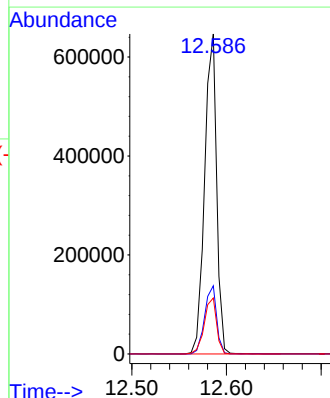
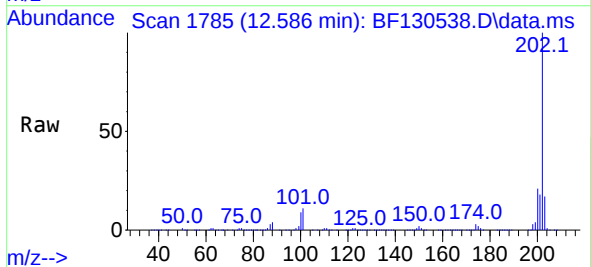
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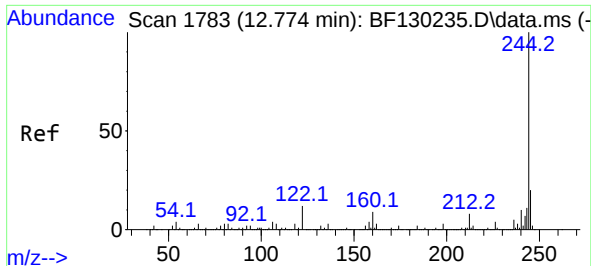
10/14/2022



#78
Pyrene
Concen: 37.394 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

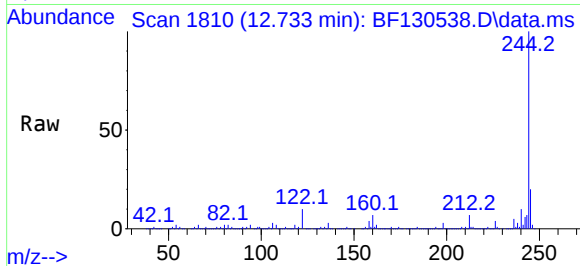
Tgt Ion:202 Resp: 570217
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.5 14.3 21.5





#79
Terphenyl-d14
Concen: 69.665 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



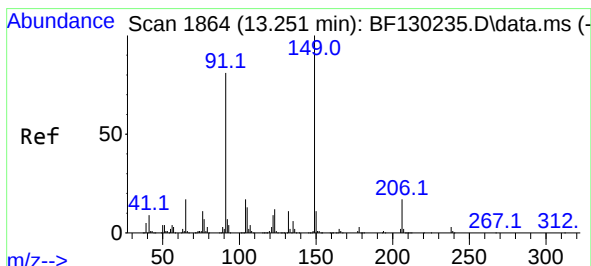
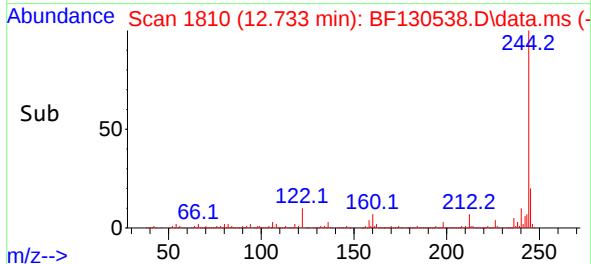
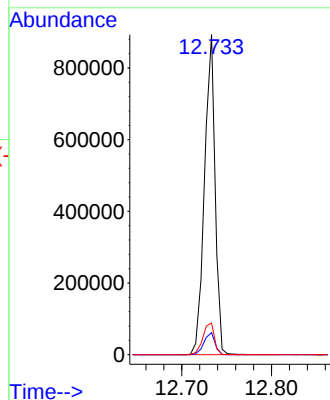
Tgt Ion:244 Resp: 733075
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.9 8.5 12.7

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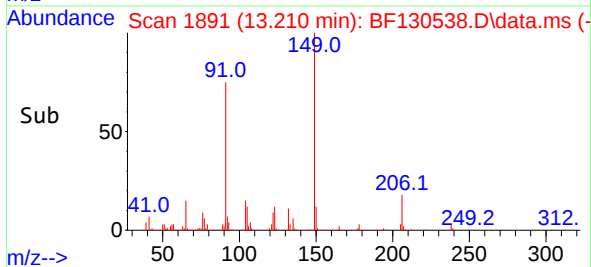
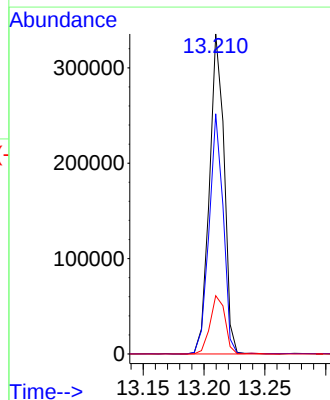
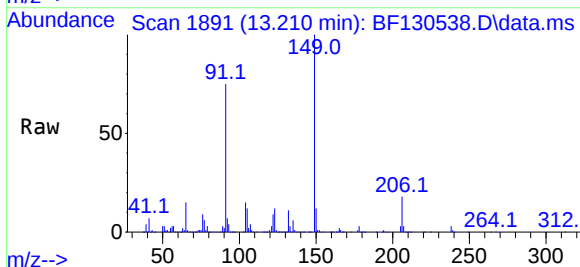
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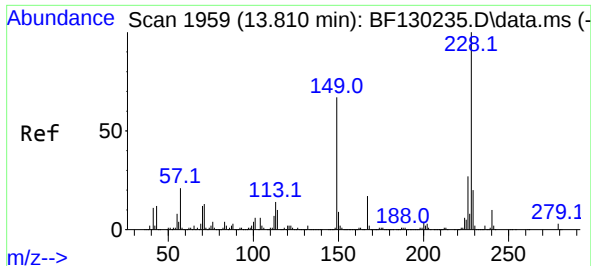
10/14/2022



#80
Butylbenzylphthalate
Concen: 49.652 ng
RT: 13.210 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

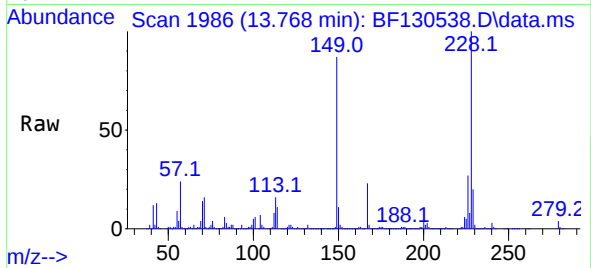
Tgt Ion:149 Resp: 280485
Ion Ratio Lower Upper
149 100
91 75.1 59.8 89.8
206 18.2 13.9 20.9





#81
Benzo(a)anthracene
Concen: 49.613 ng
RT: 13.768 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



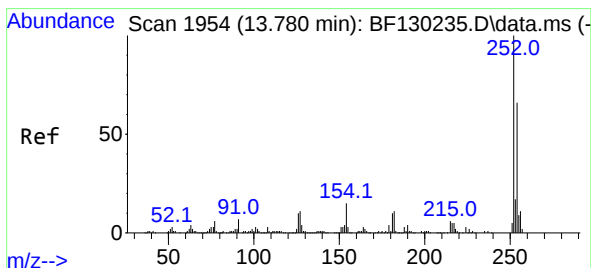
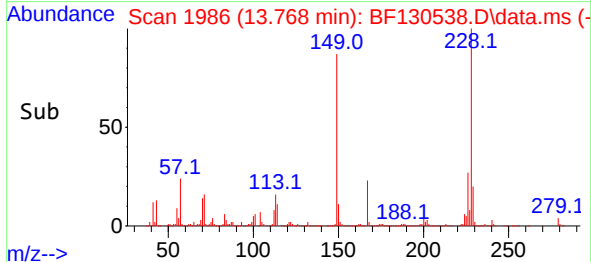
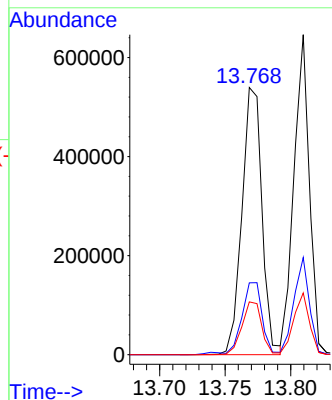
Tgt Ion:228 Resp: 575312
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.8 16.1 24.1

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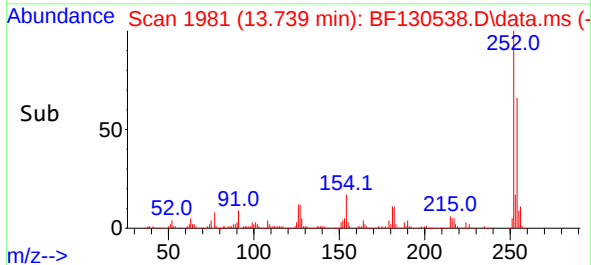
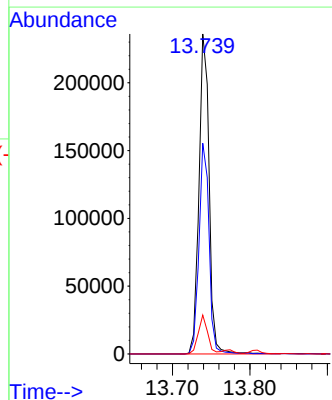
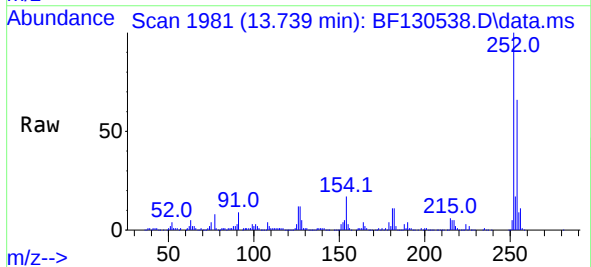
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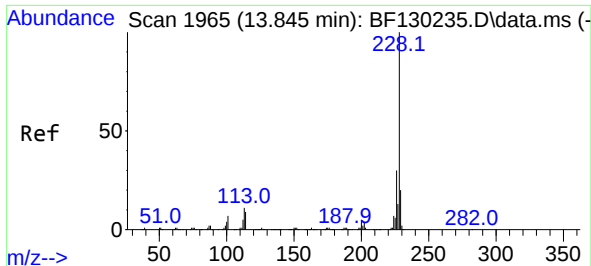
10/14/2022



#82
3,3'-Dichlorobenzidine
Concen: 67.943 ng
RT: 13.739 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

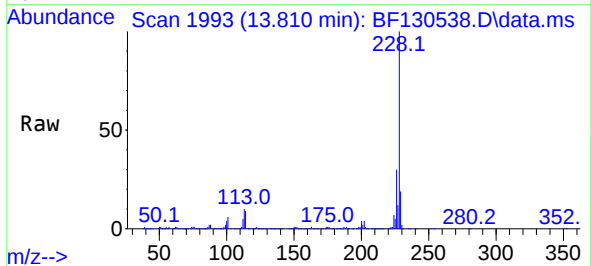
Tgt Ion:252 Resp: 214465
Ion Ratio Lower Upper
252 100
254 65.9 51.1 76.7
126 12.2 10.4 15.6





#83
Chrysene
Concen: 48.491 ng
RT: 13.810 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



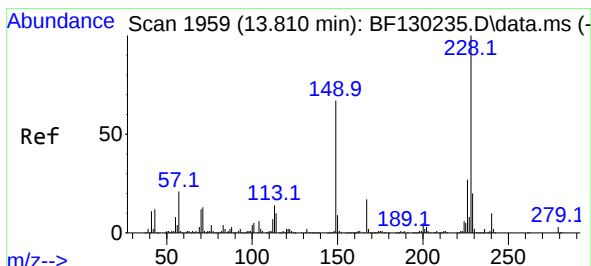
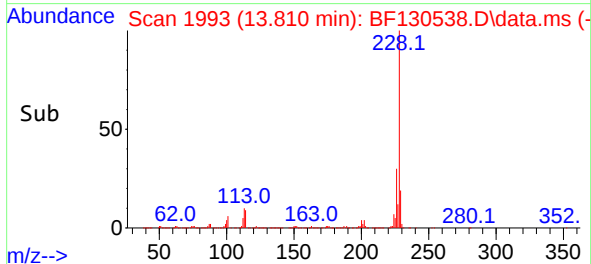
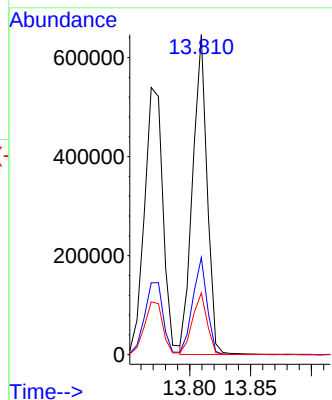
Tgt Ion:228 Resp: 53390
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 19.3 15.3 22.9

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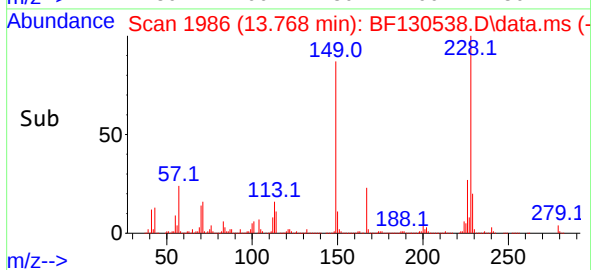
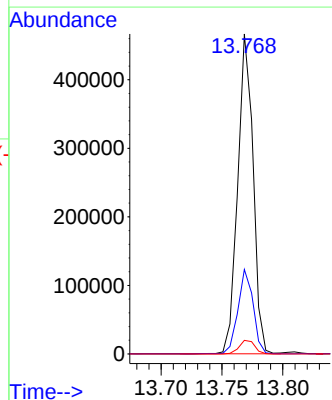
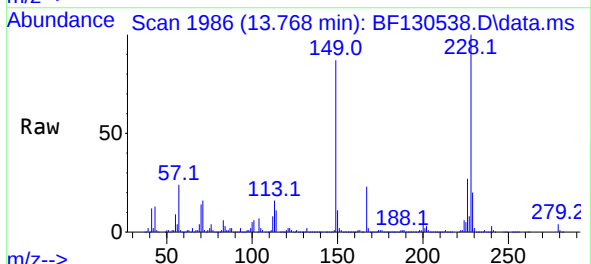
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ahmed

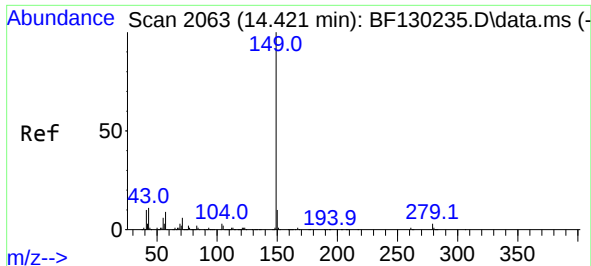
10/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 63.268 ng
RT: 13.768 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

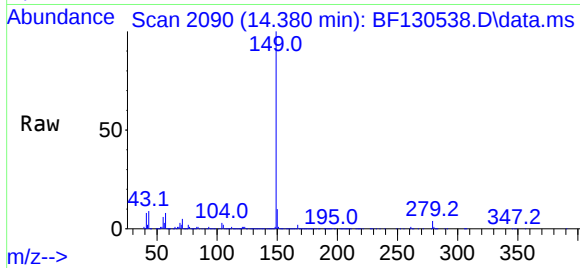
Tgt Ion:149 Resp: 409384
Ion Ratio Lower Upper
149 100
167 26.4 20.5 30.7
279 4.2 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 72.831 ng
RT: 14.380 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



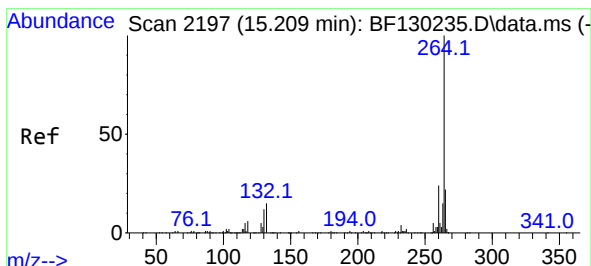
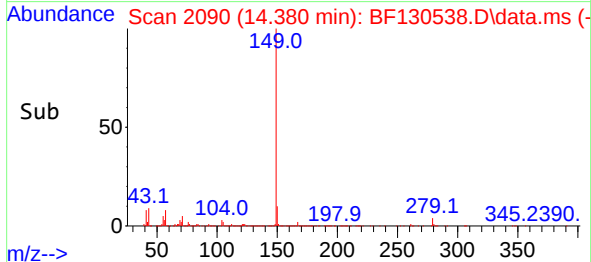
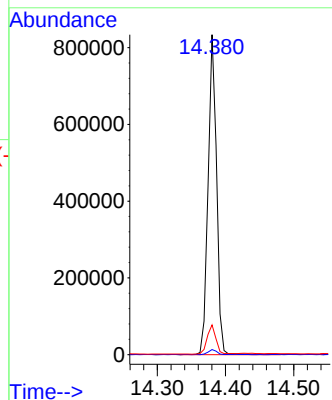
Tgt Ion:149 Resp: 720799
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.7 13.1

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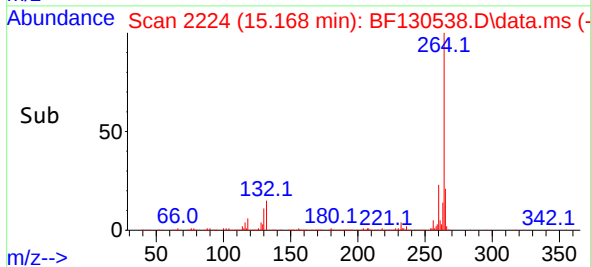
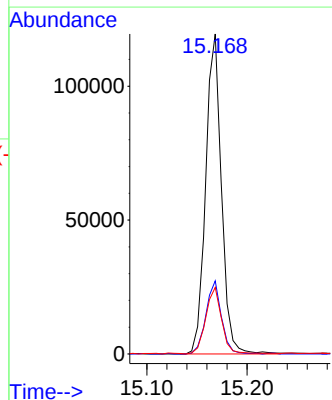
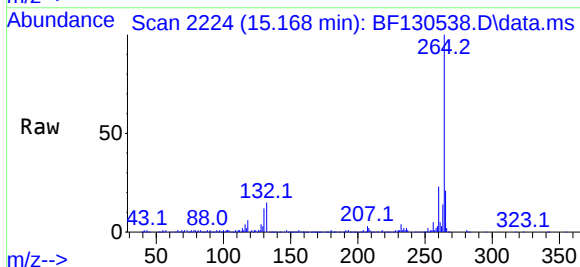
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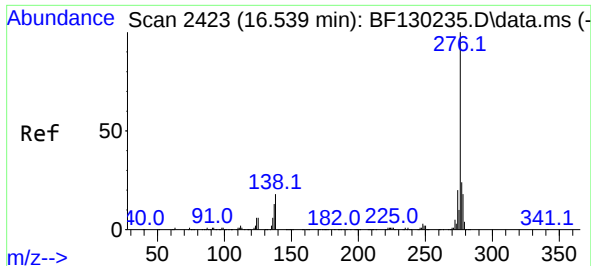
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.168 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

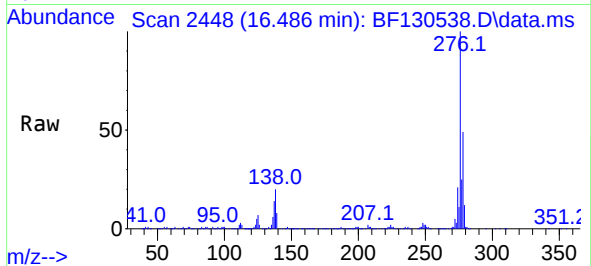
Tgt Ion:264 Resp: 131002
Ion Ratio Lower Upper
264 100
260 22.8 19.3 28.9
265 20.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.843 ng
RT: 16.486 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD



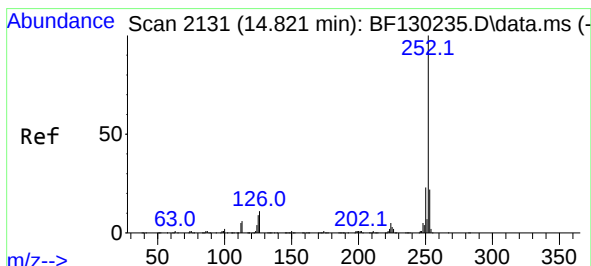
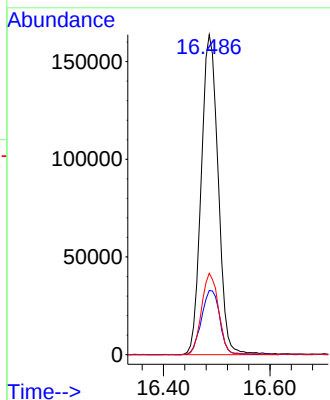
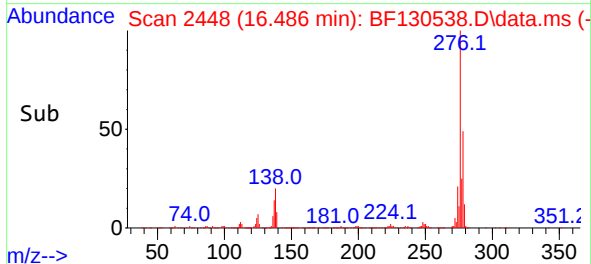
Tgt Ion:276 Resp: 360840
Ion Ratio Lower Upper
276 100
138 21.8 18.5 27.7
277 25.5 20.2 30.4

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Supervised By :mohammad ahmed 10/14/2022

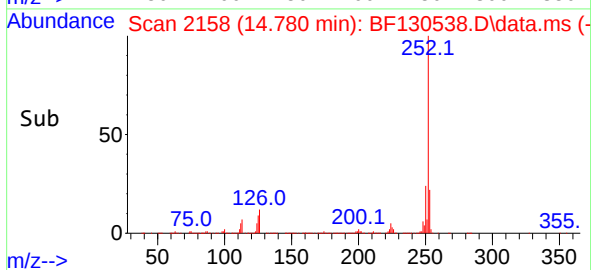
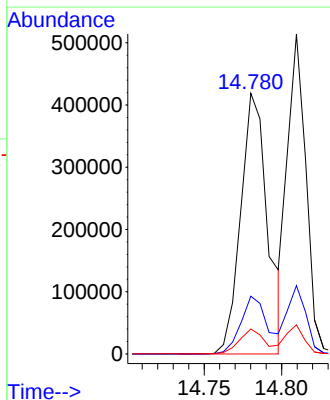
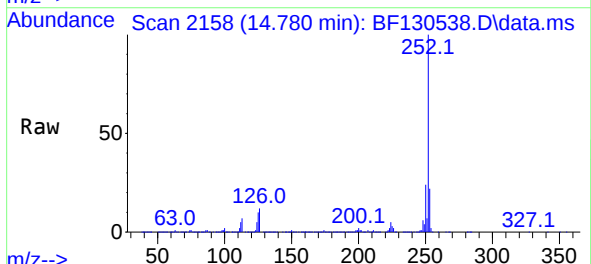
10/06/2022
Supervised By :mohammad
ahmed

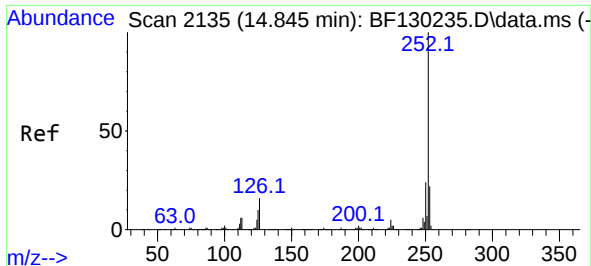
10/14/2022



#88
Benzo(b)fluoranthene
Concen: 59.227 ng
RT: 14.780 min Scan# 2158
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Tgt Ion:252 Resp: 506415
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 51.655 ng

RT: 14.810 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF130538.D

Acq: 05 Oct 2022 19:42

Instrument :

BNA_F

ClientSampleId :

L-1MSD

Tgt Ion:252 Resp: 434469

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 9.1 7.9 11.9

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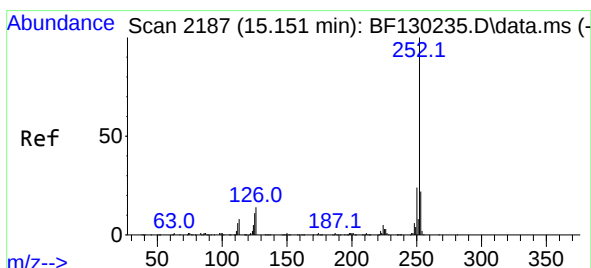
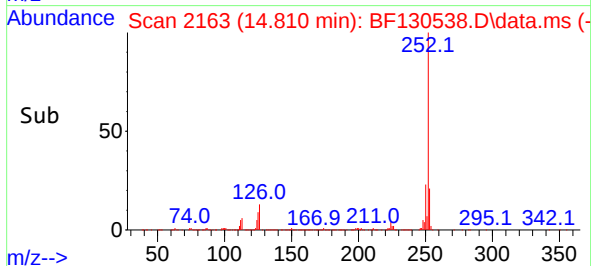
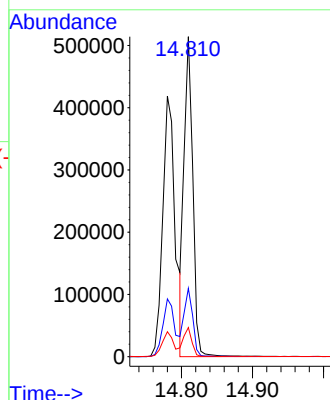
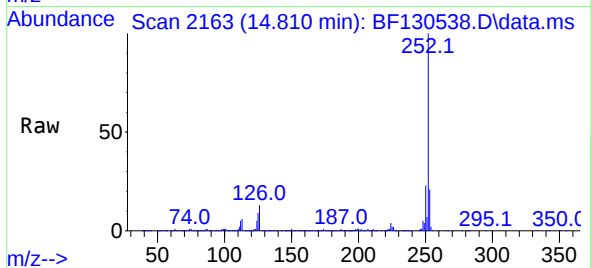
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Supervised By :mohammad ahmed 10/14/2022

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Supervised By :mohammad
ahmed

10/14/2022



#90

Benzo(a)pyrene

Concen: 54.849 ng

RT: 15.115 min Scan# 2215

Delta R.T. 0.012 min

Lab File: BF130538.D

Acq: 05 Oct 2022 19:42

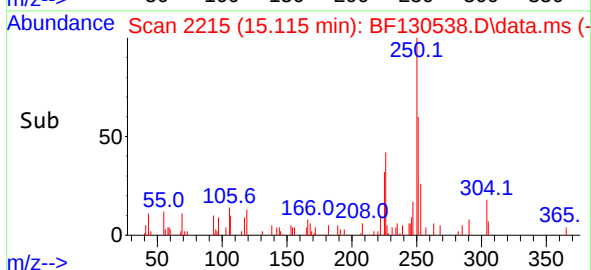
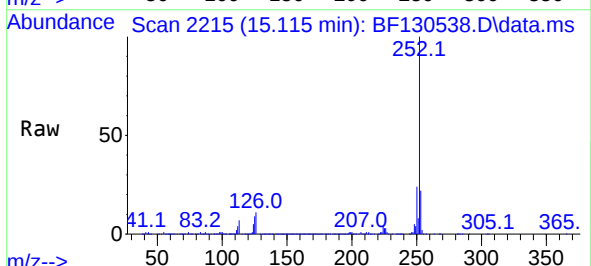
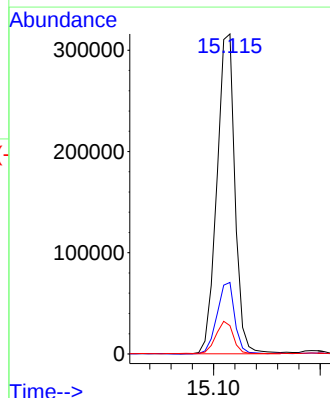
Tgt Ion:252 Resp: 371544

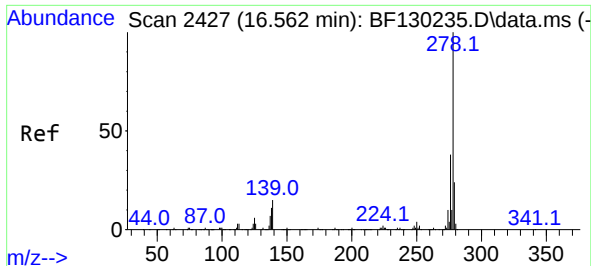
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.9 9.0 13.6#





#91
Dibenzo(a,h)anthracene
Concen: 41.459 ng
RT: 16.503 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Instrument :
BNA_F
ClientSampleId :
L-1MSD

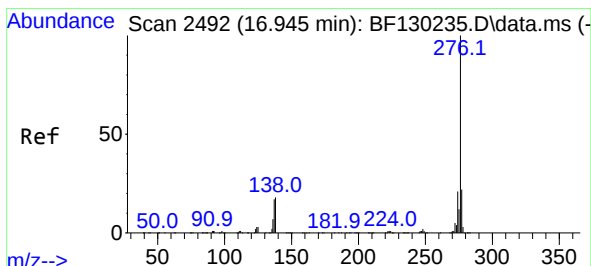
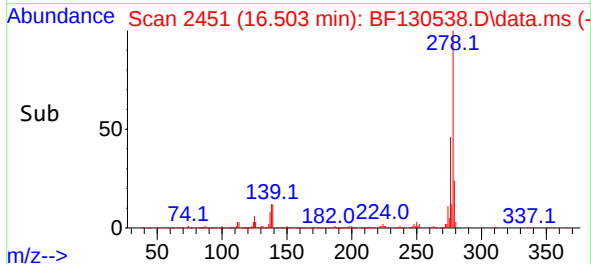
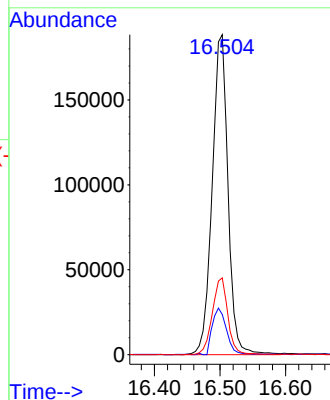
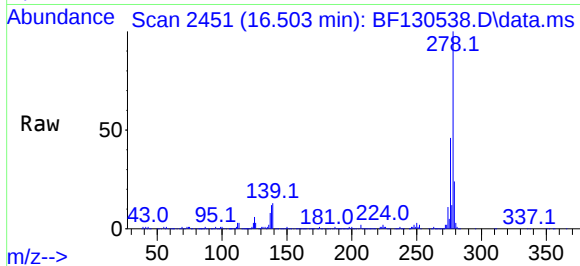
Tgt Ion:278 Resp: 315958
Ion Ratio Lower Upper
278 100
139 12.6 11.8 17.8
279 24.0 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

10/06/2022
Supervised By :mohammad
ahmed

10/14/2022



#92
Benzo(g,h,i)perylene
Concen: 38.683 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF130538.D
Acq: 05 Oct 2022 19:42

Tgt Ion:276 Resp: 296971
Ion Ratio Lower Upper
276 100
277 23.0 18.6 27.8
138 18.1 14.6 21.8

