

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131616.D
 Acq On : 13 Dec 2022 17:12
 Operator : CG\JU
 Sample : N5964-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01MS

Quant Time: Dec 14 03:33:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

12/14/2022
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54111	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	195520	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	114839	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	231084	20.000	ng	0.00
76) Chrysene-d12	14.086	240	136575	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	119065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	472666	145.727	ng	0.02
7) Phenol-d6	6.528	99	582815	137.120	ng	0.00
23) Nitrobenzene-d5	7.457	82	472899	91.442	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	213596	167.409	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	803077	88.174	ng	0.00
79) Terphenyl-d14	13.027	244	1062088	106.648	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	69421	47.417	ng	# 80
3) Pyridine	3.528	79	169801	41.774	ng	95
4) n-Nitrosodimethylamine	3.475	42	101900	45.456	ng	# 90
6) Aniline	6.545	93	166302	32.716	ng	# 75
8) 2-Chlorophenol	6.669	128	175778	51.139	ng	98
9) Benzaldehyde	6.434	77	66197	22.735	ng	97
10) Phenol	6.539	94	223773m	47.199	ng	
11) bis(2-Chloroethyl)ether	6.622	93	190574	53.624	ng	98
12) 1,3-Dichlorobenzene	6.822	146	184700	46.347	ng	98
13) 1,4-Dichlorobenzene	6.904	146	187620	46.675	ng	97
14) 1,2-Dichlorobenzene	7.051	146	181171	47.181	ng	100
15) Benzyl Alcohol	7.028	79	201777	51.782	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	227283	49.509	ng	88
17) 2-Methylphenol	7.145	107	163362	52.735	ng	99
18) Hexachloroethane	7.398	117	76137	46.954	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	156773	49.190	ng	97
20) 3+4-Methylphenols	7.298	107	202778	48.059	ng	# 78
22) Acetophenone	7.298	105	300154	48.988	ng	# 95
24) Nitrobenzene	7.475	77	246364	47.233	ng	94
25) Isophorone	7.710	82	425769	51.112	ng	99
26) 2-Nitrophenol	7.786	139	95075	53.451	ng	96
27) 2,4-Dimethylphenol	7.828	122	159802	58.614	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	233630	54.216	ng	99
29) 2,4-Dichlorophenol	8.033	162	165016	48.951	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	187429	45.338	ng	97
31) Naphthalene	8.198	128	515789	46.837	ng	99
32) Benzoic acid	7.951	122	100206	50.751	ng	96
33) 4-Chloroaniline	8.245	127	94610	22.920	ng	96
34) Hexachlorobutadiene	8.310	225	123106	42.253	ng	99
35) Caprolactam	8.622	113	42540m	48.783	ng	
36) 4-Chloro-3-methylphenol	8.733	107	193898	51.223	ng	98
37) 2-Methylnaphthalene	8.886	142	354135	47.022	ng	98
38) 1-Methylnaphthalene	8.986	142	330418	45.703	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	205000	48.223	ng	99
41) Hexachlorocyclopentadiene	9.039	237	210164	97.400	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	131537	50.025	ng	97

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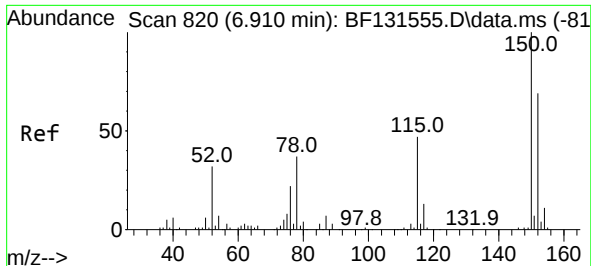
Reviewed By :Jagrut
 Upadhyay

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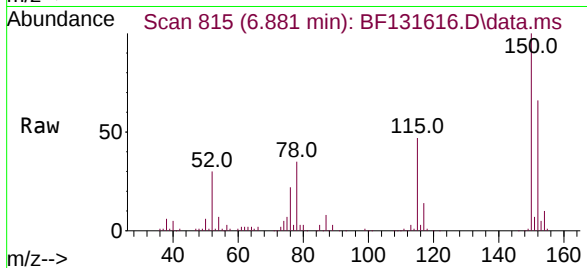
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	144688	51.166	ng	97
46) 1,1'-Biphenyl	9.357	154	455585	50.176	ng	99
47) 2-Chloronaphthalene	9.380	162	366982	49.608	ng	99
48) 2-Nitroaniline	9.486	65	138737	52.942	ng	88
49) Acenaphthylene	9.804	152	560293	51.583	ng	100
50) Dimethylphthalate	9.663	163	439371	50.189	ng	99
51) 2,6-Dinitrotoluene	9.727	165	97855	54.144	ng	# 83
52) Acenaphthene	9.975	154	402763m	55.350	ng	
53) 3-Nitroaniline	9.898	138	64276	37.067	ng	99
54) 2,4-Dinitrophenol	10.004	184	98312	94.256	ng	94
55) Dibenzofuran	10.145	168	519837	50.561	ng	99
56) 4-Nitrophenol	10.069	139	140219	116.401	ng	# 84
57) 2,4-Dinitrotoluene	10.133	165	135005	56.312	ng	96
58) Fluorene	10.492	166	419316	50.167	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	119256m	49.802	ng	
60) Diethylphthalate	10.363	149	418061	49.763	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	220546	47.747	ng	97
62) 4-Nitroaniline	10.522	138	97129	56.525	ng	92
63) Azobenzene	10.645	77	460944	48.106	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	71054	48.547	ng	98
66) n-Nitrosodiphenylamine	10.604	169	351974	47.114	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	134325	45.186	ng	97
68) Hexachlorobenzene	11.039	284	149563	46.513	ng	96
69) Atrazine	11.133	200	136763	57.648	ng	98
70) Pentachlorophenol	11.239	266	162620	98.238	ng	99
71) Phenanthrene	11.463	178	629362	48.862	ng	100
72) Anthracene	11.510	178	640021	51.073	ng	99
73) Carbazole	11.669	167	570447	55.769	ng	99
74) Di-n-butylphthalate	11.992	149	640449	51.037	ng	99
75) Fluoranthene	12.651	202	722365	54.463	ng	99
77) Benzidine	12.774	184	136236	37.229	ng	100
78) Pyrene	12.886	202	728125	54.067	ng	100
80) Butylbenzylphthalate	13.504	149	248012	63.637	ng	95
81) Benzo(a)anthracene	14.080	228	520095	52.732	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	110906	39.523	ng	98
83) Chrysene	14.115	228	481877	51.391	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	303203	56.532	ng	97
85) Di-n-octyl phthalate	14.680	149	393179	45.499	ng	98
87) Indeno(1,2,3-cd)pyrene	17.127	276	491641	50.596	ng	99
88) Benzo(b)fluoranthene	15.151	252	416199	53.037	ng	97
89) Benzo(k)fluoranthene	15.180	252	400271	48.868	ng	99
90) Benzo(a)pyrene	15.527	252	357640	53.403	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	417077	52.153	ng	98
92) Benzo(g,h,i)perylene	17.592	276	421755	52.474	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



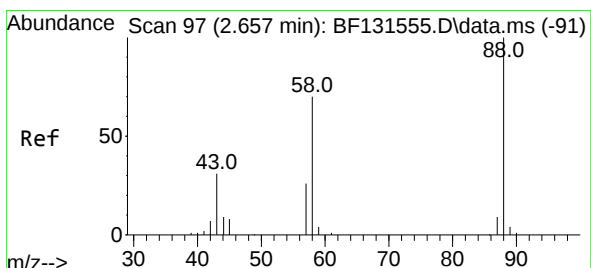
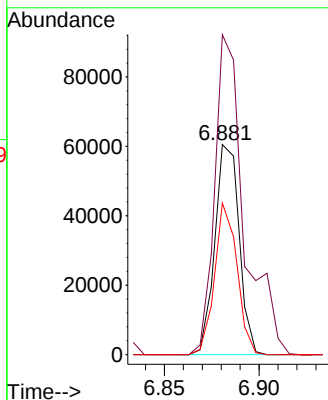
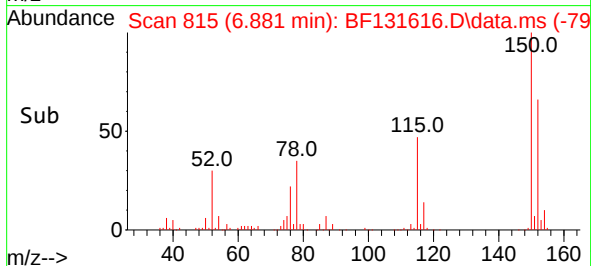
Tgt Ion:152 Resp: 5411
Ion Ratio Lower Upper
152 100
150 152.3 116.7 175.1
115 72.2 54.6 82.0

Manual Integrations
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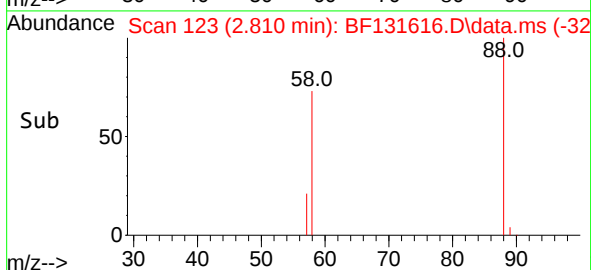
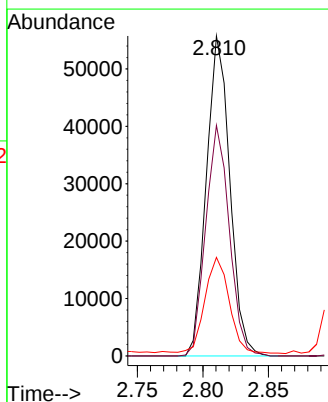
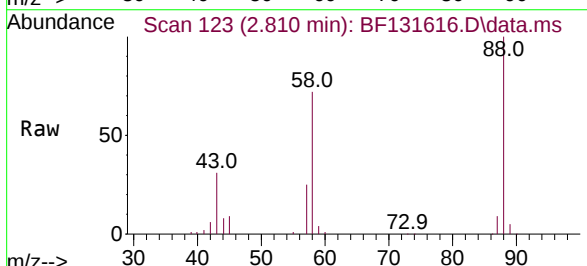
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ahmed

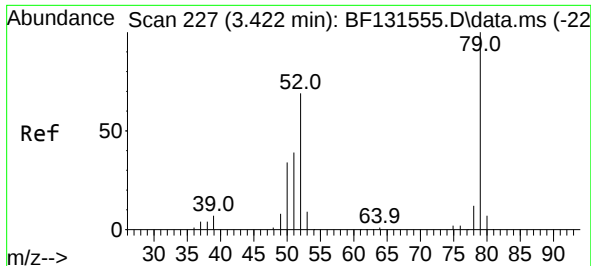
12/14/2022



#2
1,4-Dioxane
Concen: 47.417 ng
RT: 2.810 min Scan# 123
Delta R.T. 0.182 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

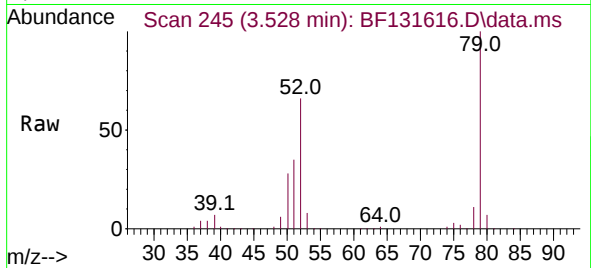
Tgt Ion: 88 Resp: 69421
Ion Ratio Lower Upper
88 100
58 72.4 60.0 90.0
43 0.0 26.7 40.1





#3
Pyridine
Concen: 41.774 ng
RT: 3.528 min Scan# 24
Delta R.T. 0.135 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

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ClientSampleId :
SU-518-COMP-01MS



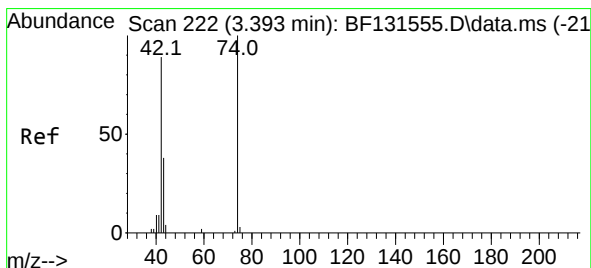
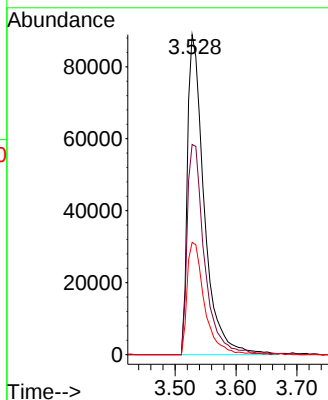
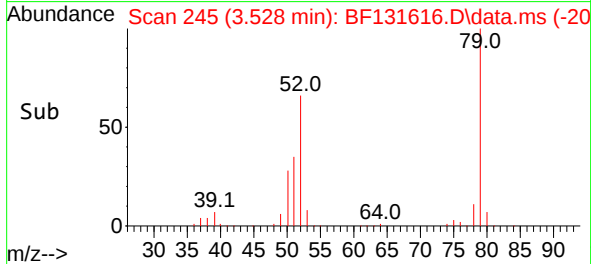
Tgt Ion: 79 Resp: 16980
Ion Ratio Lower Upper
79 100
52 65.7 55.0 82.6
51 35.1 31.4 47.2

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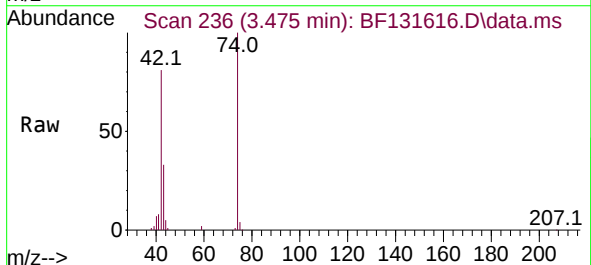
Reviewed By :Jagrut
Upadhyay

12/14/2022
Supervised By :mohammad
ahmed

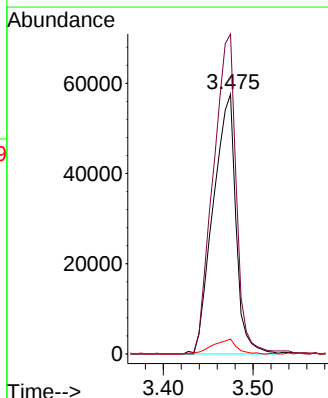
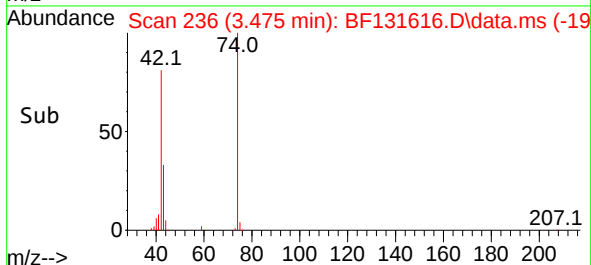
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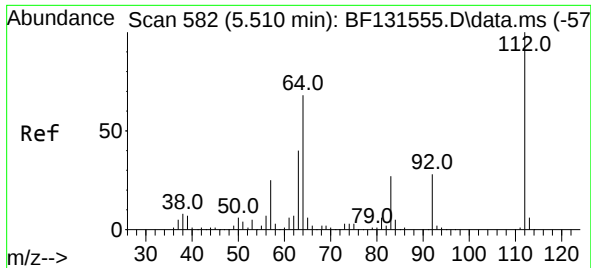


#4
n-Nitrosodimethylamine
Concen: 45.456 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.118 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



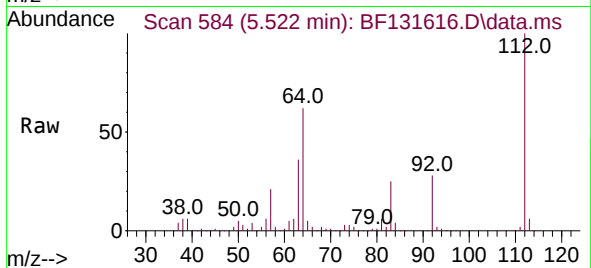
Tgt Ion: 42 Resp: 101900
Ion Ratio Lower Upper
42 100
74 123.3 90.2 135.2
44 5.7 3.7 5.5





#5
2-Fluorophenol
Concen: 145.727 ng
RT: 5.522 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
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ClientSampleId :
SU-518-COMP-01MS



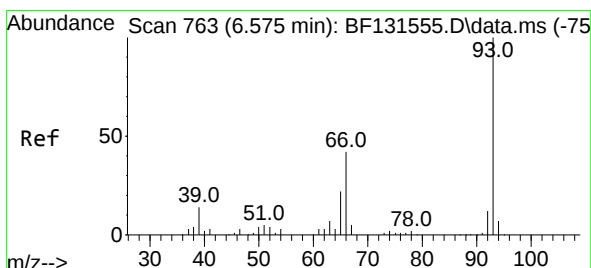
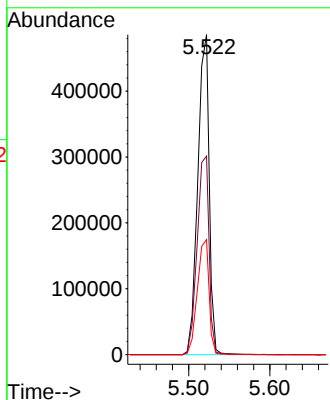
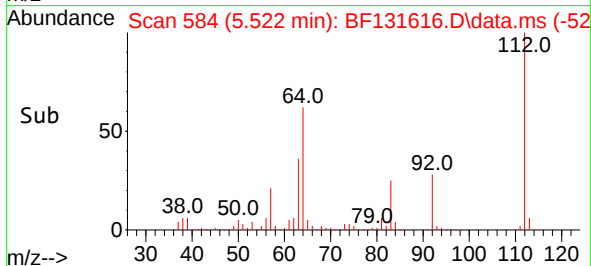
Tgt Ion:112 Resp: 472666
Ion Ratio Lower Upper
112 100
64 62.0 54.5 81.7
63 35.9 31.9 47.9

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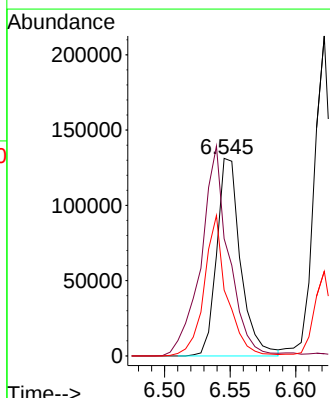
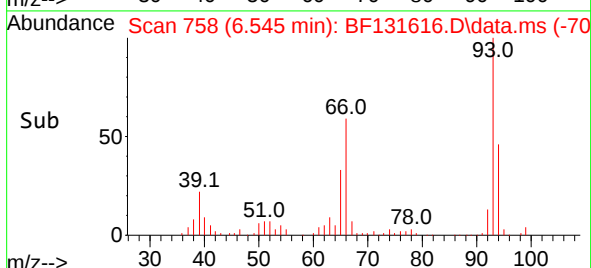
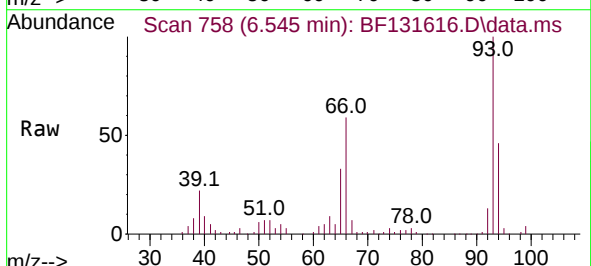
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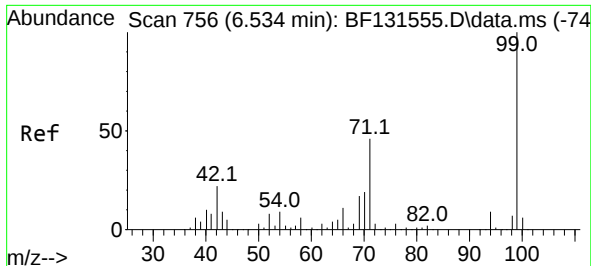
12/14/2022



#6
Aniline
Concen: 32.716 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

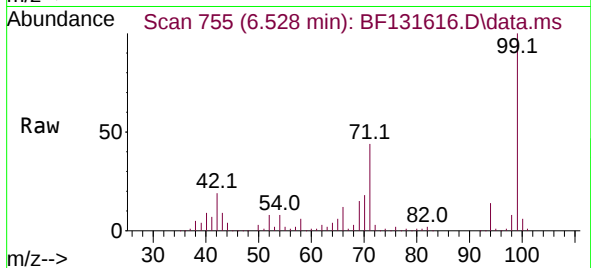
Tgt Ion: 93 Resp: 166302
Ion Ratio Lower Upper
93 100
66 59.3 34.6 51.8#
65 33.4 17.7 26.5#





#7
Phenol-d6
Concen: 137.120 ng
RT: 6.528 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
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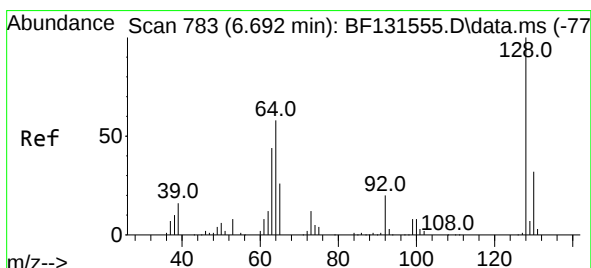
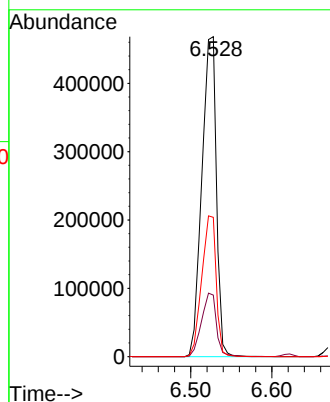
Tgt Ion: 99 Resp: 582815
Ion Ratio Lower Upper
99 100
42 19.2 17.9 26.9
71 43.5 37.2 55.8

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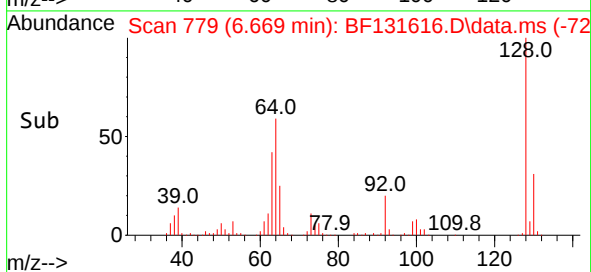
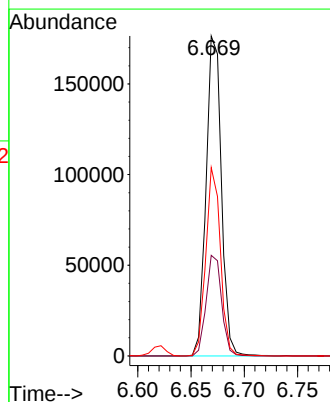
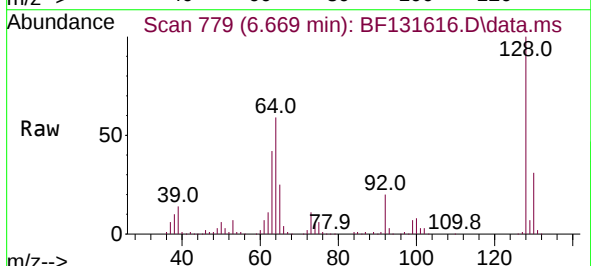
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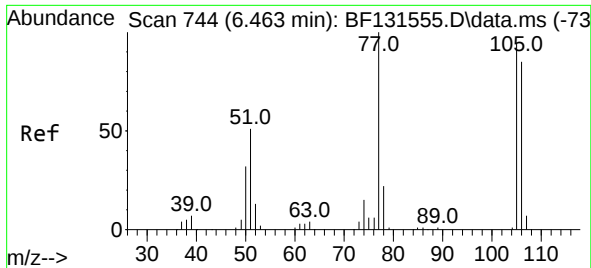
12/14/2022



#8
2-Chlorophenol
Concen: 51.139 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

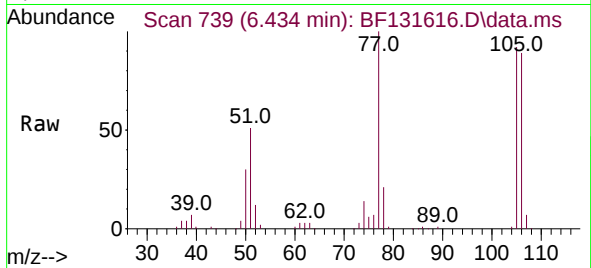
Tgt Ion:128 Resp: 175778
Ion Ratio Lower Upper
128 100
130 31.4 11.6 51.6
64 58.8 40.6 80.6





#9
Benzaldehyde
Concen: 22.735 ng
RT: 6.434 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



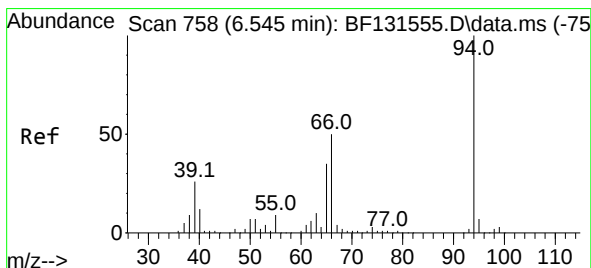
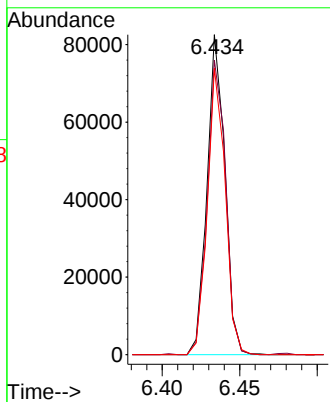
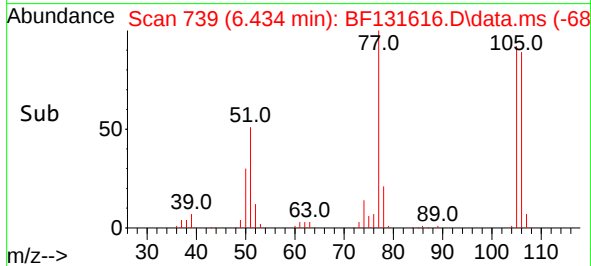
Tgt Ion: 77 Resp: 66197
Ion Ratio Lower Upper
77 100
105 92.0 73.8 113.8
106 89.5 65.2 105.2

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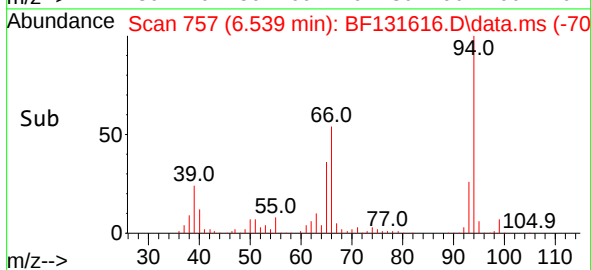
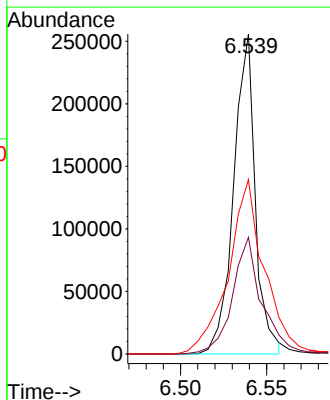
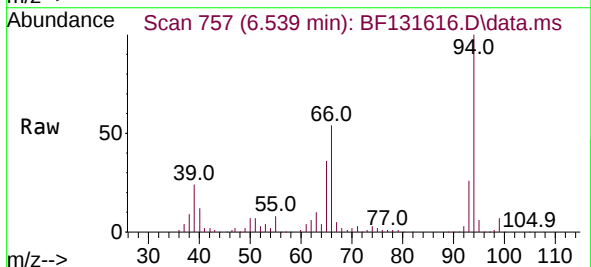
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Supervised By :mohammad
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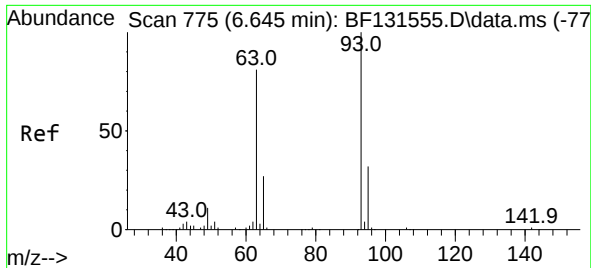
12/14/2022



#10
Phenol
Concen: 47.199 ng m
RT: 6.539 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion: 94 Resp: 223773
Ion Ratio Lower Upper
94 100
65 36.4 14.8 54.8
66 54.5 30.8 70.8





#11
bis(2-Chloroethyl)ether
Concen: 53.624 ng
RT: 6.622 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

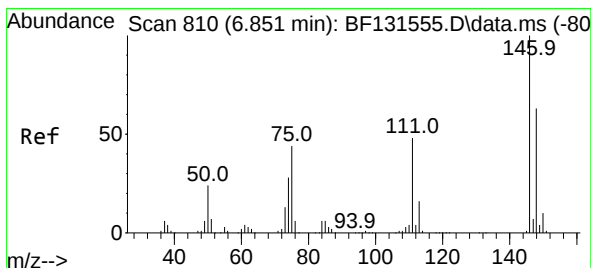
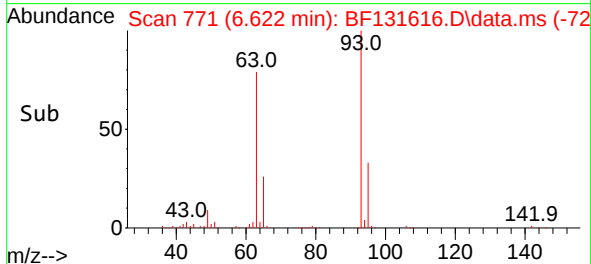
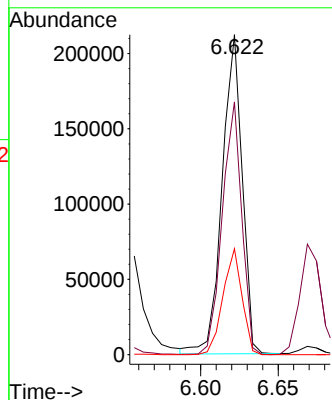
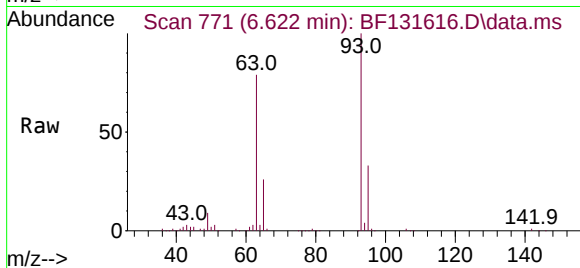
Tgt Ion: 93 Resp: 190574
Ion Ratio Lower Upper
93 100
63 79.0 60.4 100.4
95 33.1 12.3 52.3

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

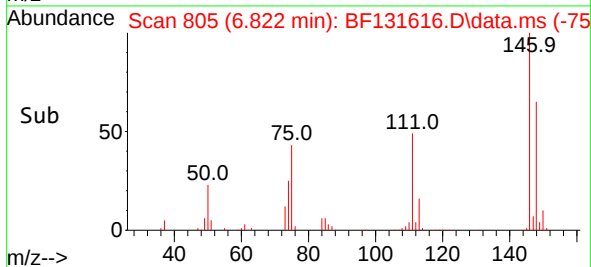
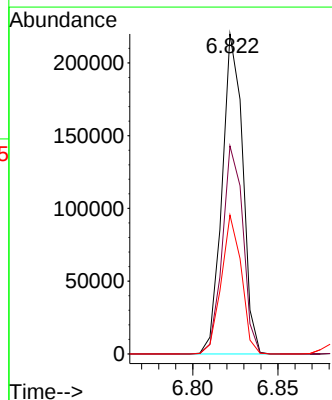
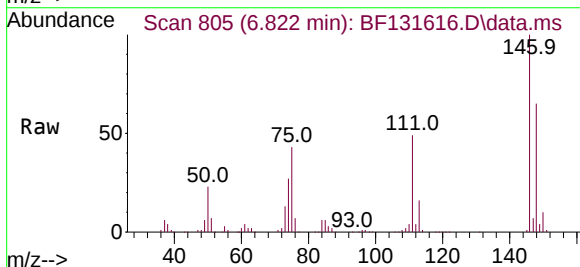
12/14/2022
Supervised By :mohammad
ahmed

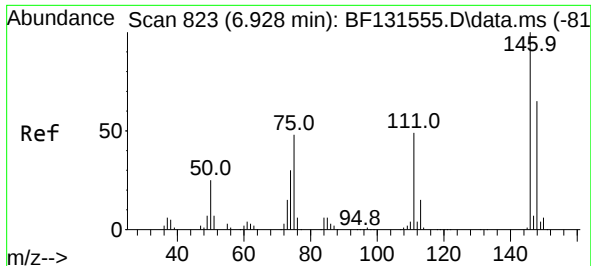
12/14/2022



#12
1,3-Dichlorobenzene
Concen: 46.347 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

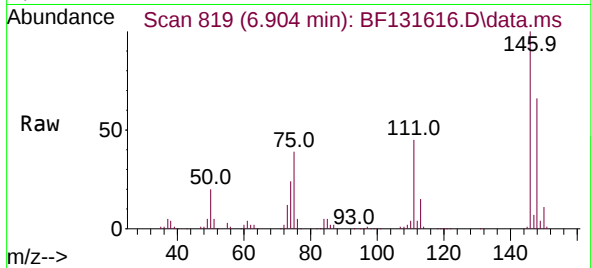
Tgt Ion:146 Resp: 184700
Ion Ratio Lower Upper
146 100
148 65.0 50.7 76.1
75 43.4 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 46.675 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



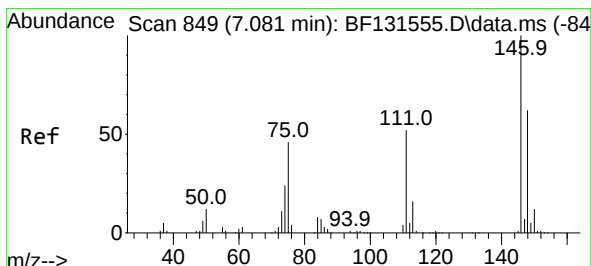
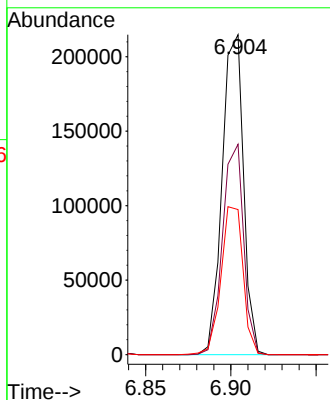
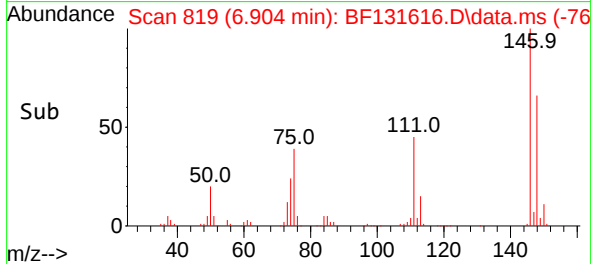
Tgt Ion:146 Resp: 187620
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.6
111 45.3 38.9 58.3

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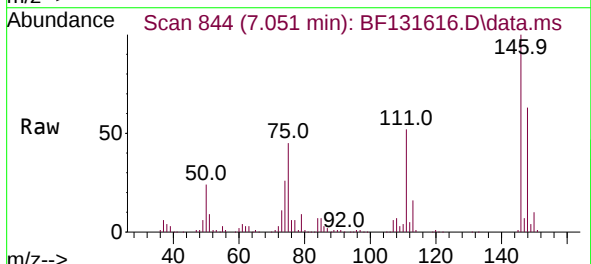
Reviewed By :Jagrut
Upadhyay

12/14/2022
Supervised By :mohammad
ahmed

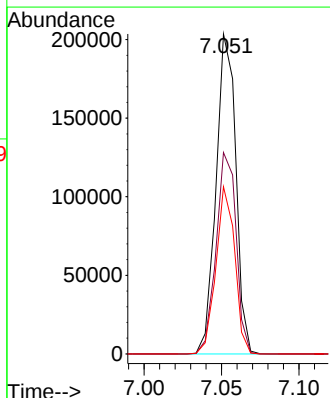
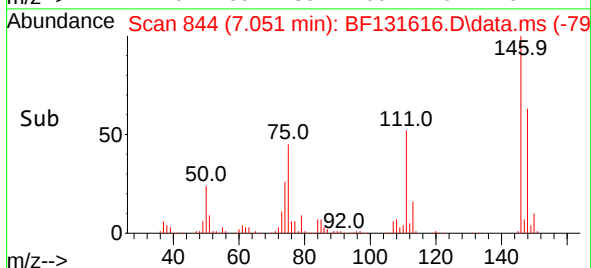
12/14/2022

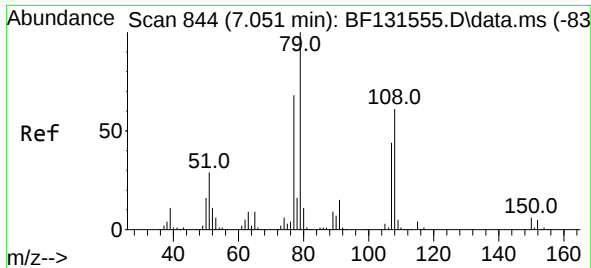


#14
1,2-Dichlorobenzene
Concen: 47.181 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



Tgt Ion:146 Resp: 181171
Ion Ratio Lower Upper
146 100
148 62.9 49.9 74.9
111 52.2 41.8 62.6





#15

Benzyl Alcohol

Concen: 51.782 ng

RT: 7.028 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

Tgt Ion: 79 Resp: 201777
 Ion Ratio Lower Upper
 79 100
 108 63.2 49.2 73.8
 77 63.3 54.5 81.7

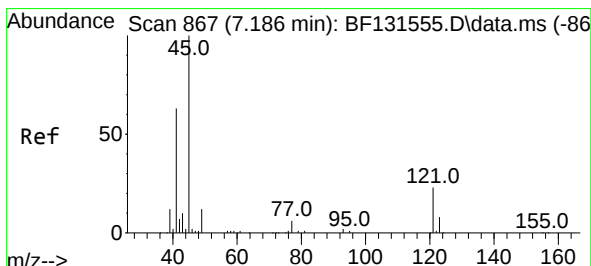
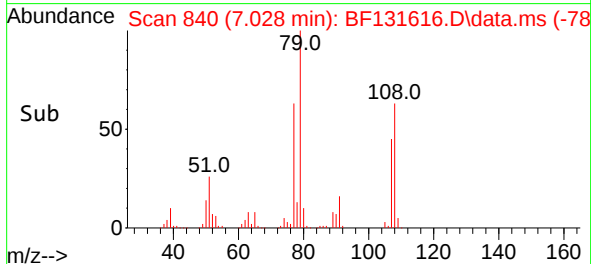
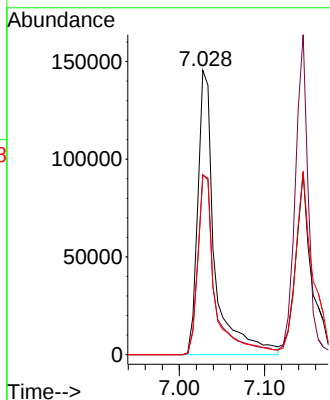
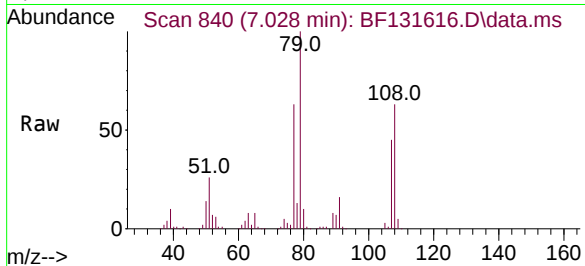
Manual Integrations
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Reviewed By :Jagrut
 Upadhyay

12/14/2022

Supervised By :mohammad
 ahmed

12/14/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.509 ng

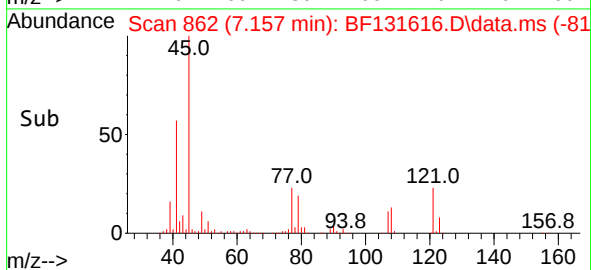
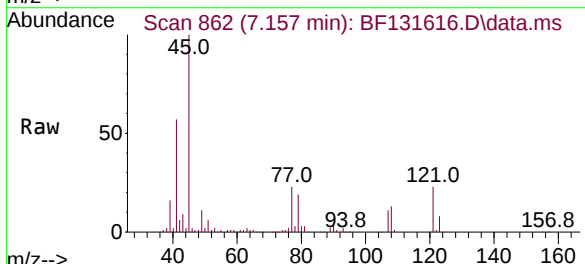
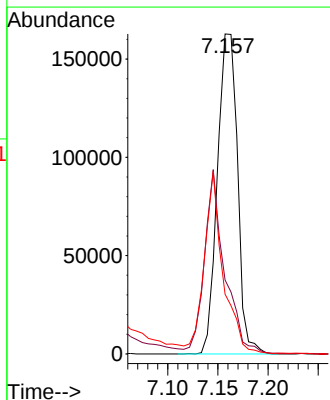
RT: 7.157 min Scan# 862

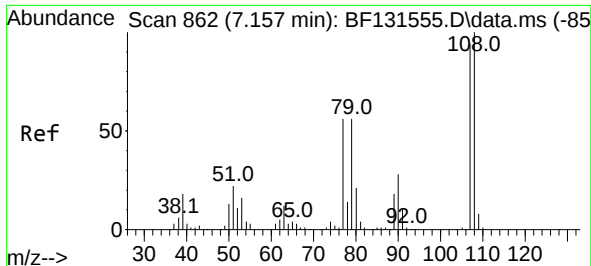
Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

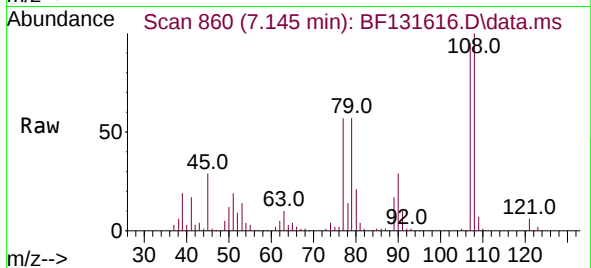
Tgt Ion: 45 Resp: 227283
 Ion Ratio Lower Upper
 45 100
 77 23.1 0.0 37.7
 79 18.6 0.0 33.6





#17
2-Methylphenol
Concen: 52.735 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



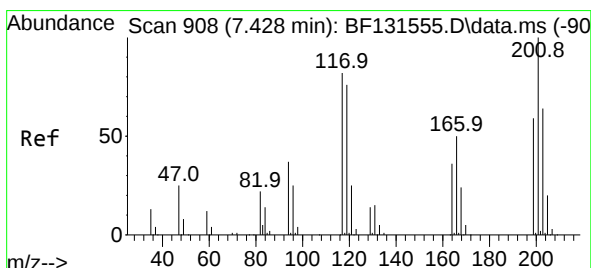
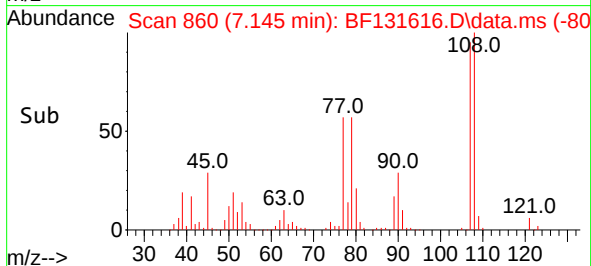
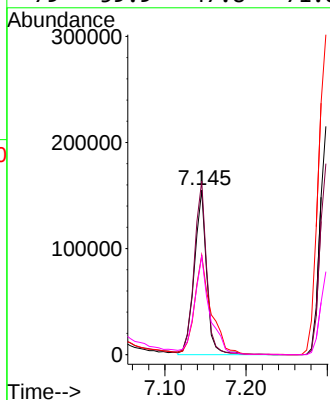
Tgt Ion	Ratio	Lower	Upper
107	100		
108	105.5	85.5	128.3
77	60.4	48.2	72.4
79	59.9	47.8	71.8

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Reviewed By :Jagrut
Upadhyay

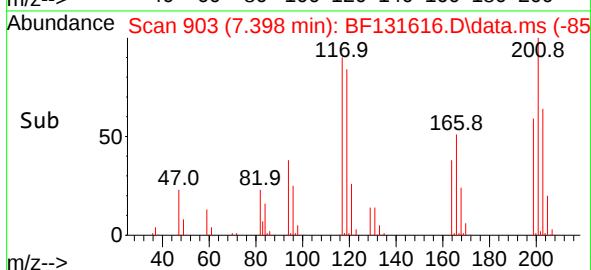
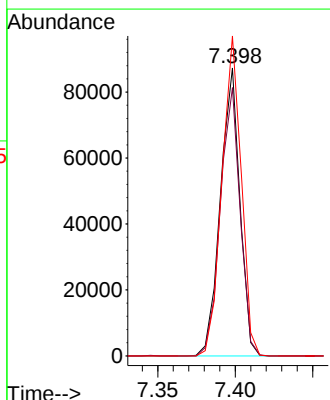
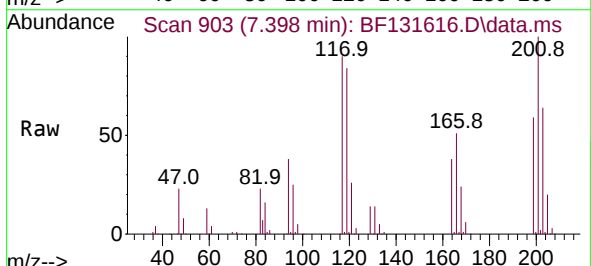
12/14/2022
Supervised By :mohammad
ahmed

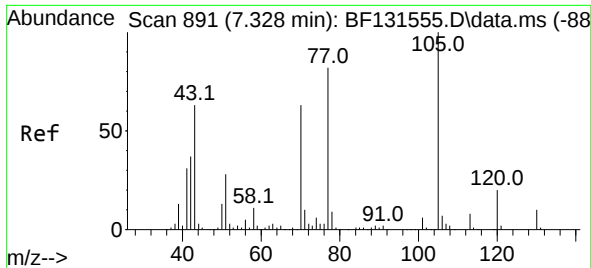
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#18
Hexachloroethane
Concen: 46.954 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

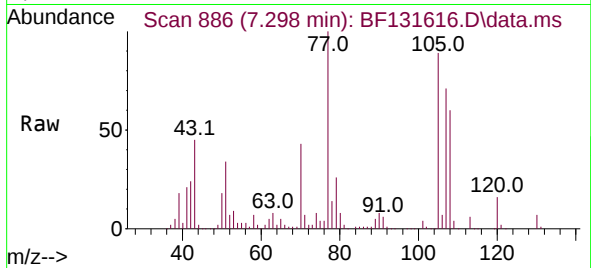
Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.0	112.4
201	111.2	98.0	147.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.190 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



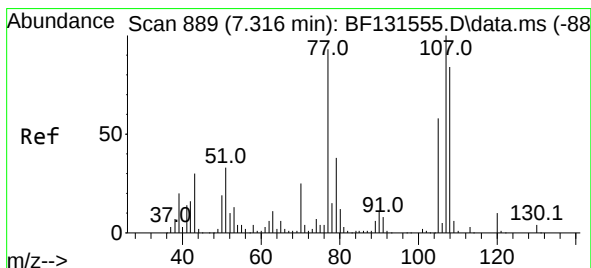
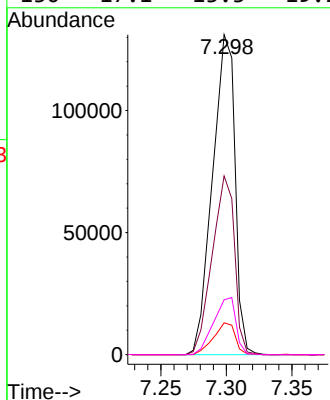
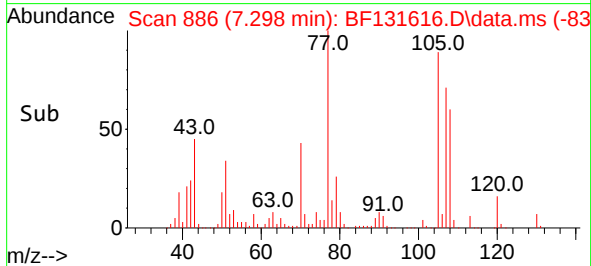
Tgt Ion: 70 Resp: 156773
Ion Ratio Lower Upper
70 100
42 55.8 46.4 69.6
101 9.9 7.2 10.8
130 17.1 13.3 19.9

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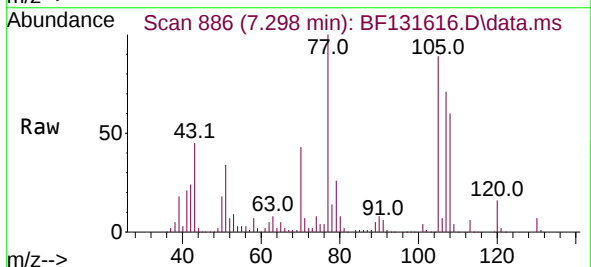
Reviewed By :Jagrut
Upadhyay

12/14/2022
Supervised By :mohammad
ahmed

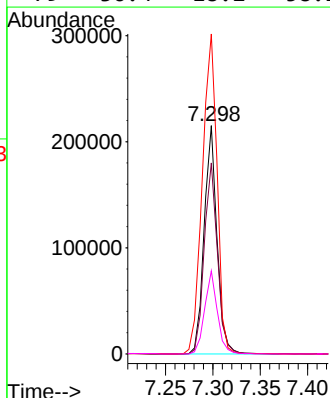
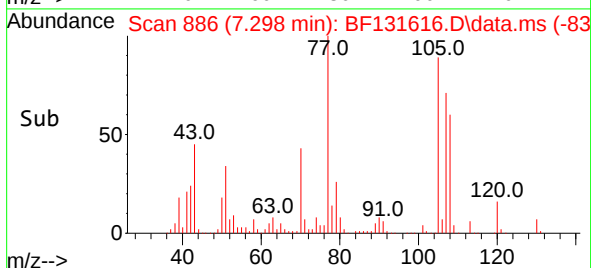
12/14/2022

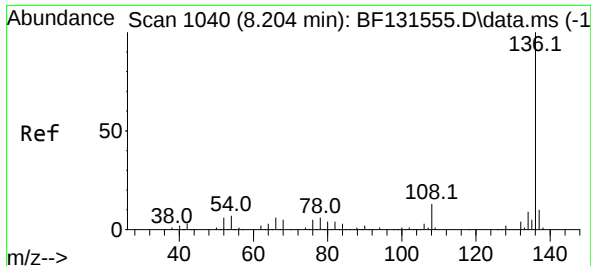


#20
3+4-Methylphenols
Concen: 48.059 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



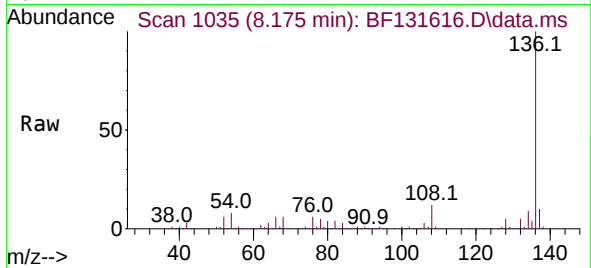
Tgt Ion:107 Resp: 202778
Ion Ratio Lower Upper
107 100
108 83.7 64.0 104.0
77 140.2 73.1 113.1#
79 36.4 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



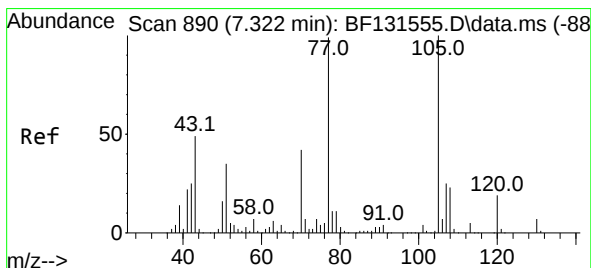
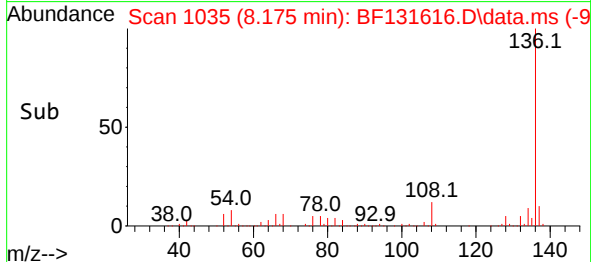
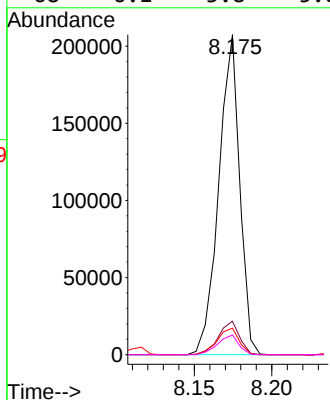
Tgt Ion:136 Resp: 195520
Ion Ratio Lower Upper
136 100
137 10.4 8.1 12.1
54 8.3 6.0 9.0
68 6.1 3.8 5.8

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Upadhyay

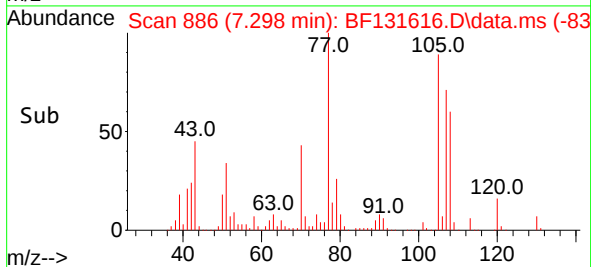
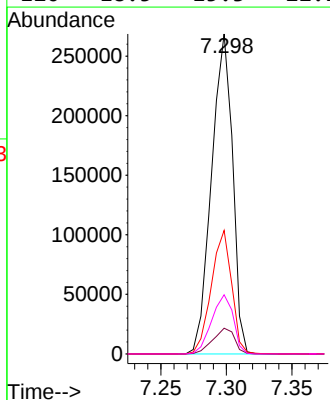
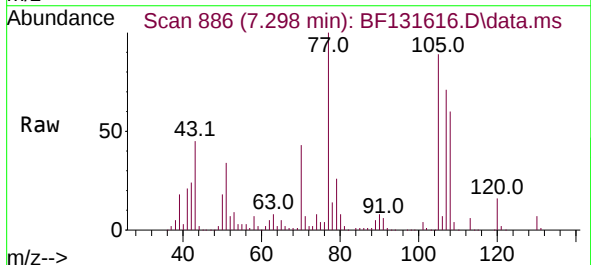
12/14/2022
Supervised By :mohammad
ahmed

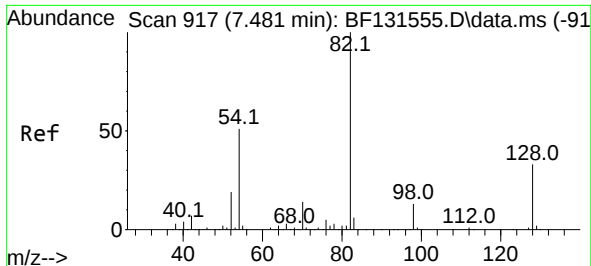
12/14/2022



#22
Acetophenone
Concen: 48.988 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:105 Resp: 300154
Ion Ratio Lower Upper
105 100
71 8.1 5.4 8.0
51 38.6 27.8 41.6
120 18.5 15.3 22.9





#23
Nitrobenzene-d5
Concen: 91.442 ng
RT: 7.457 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

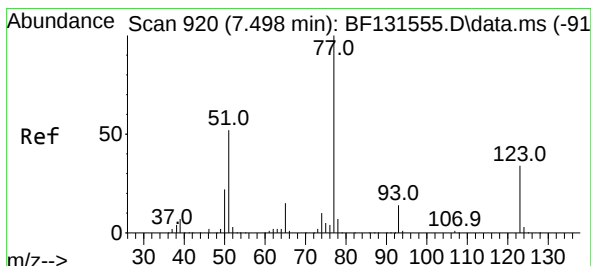
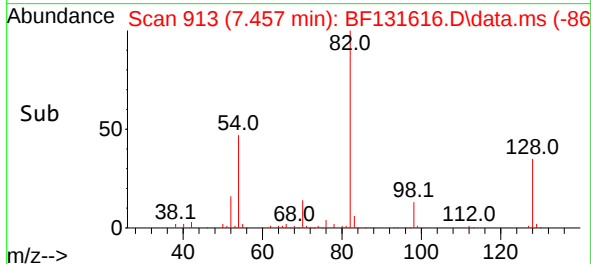
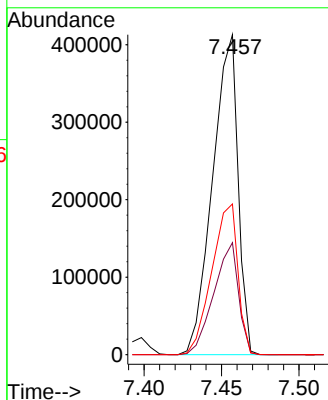
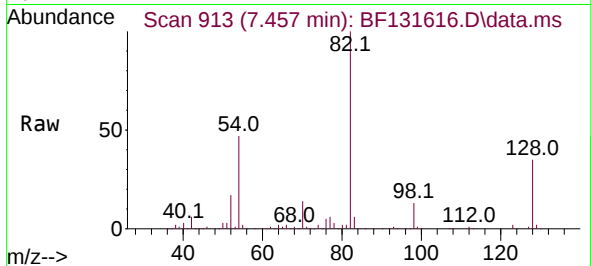
Tgt Ion: 82 Resp: 472899
Ion Ratio Lower Upper
82 100
128 35.0 26.1 39.1
54 47.1 40.6 60.8

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

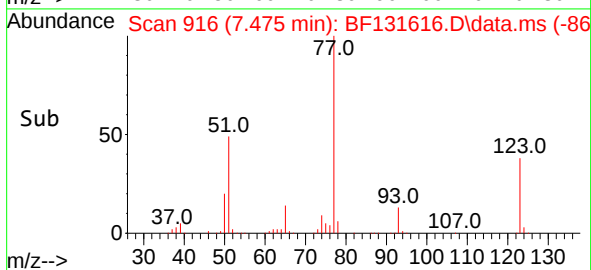
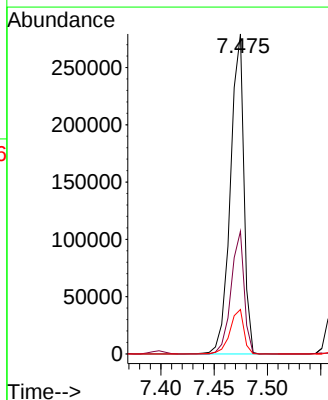
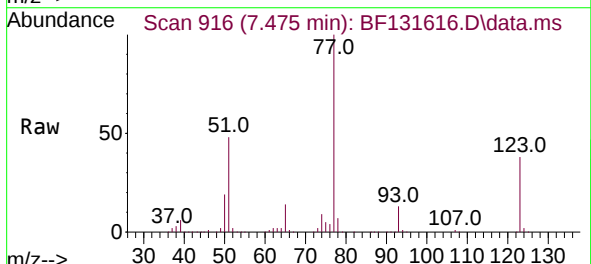
12/14/2022
Supervised By :mohammad
ahmed

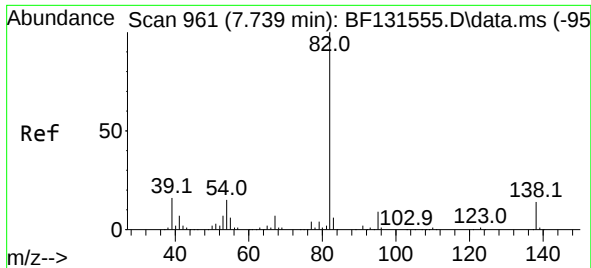
12/14/2022



#24
Nitrobenzene
Concen: 47.233 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

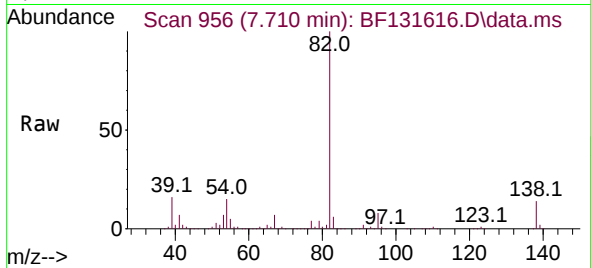
Tgt Ion: 77 Resp: 246364
Ion Ratio Lower Upper
77 100
123 38.3 27.1 40.7
65 13.9 11.9 17.9





#25
Isophorone
Concen: 51.112 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



Tgt Ion: 82 Resp: 425769
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 13.8 11.4 17.0

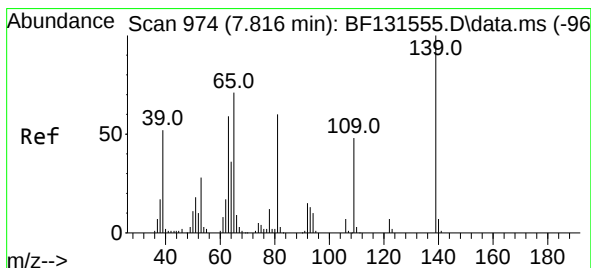
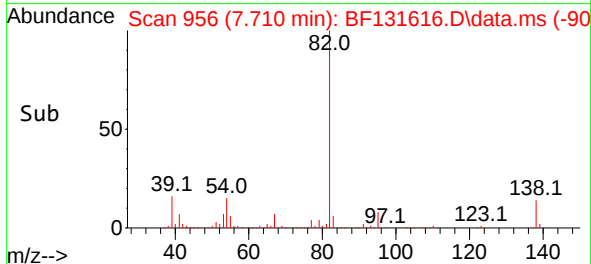
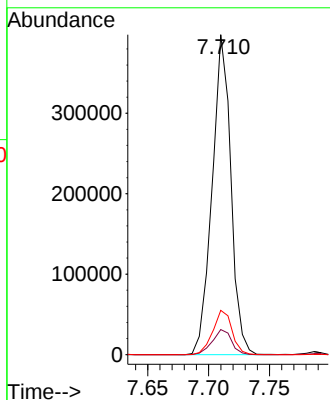
Manual Integrations
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Reviewed By :Jagrut
Upadhyay

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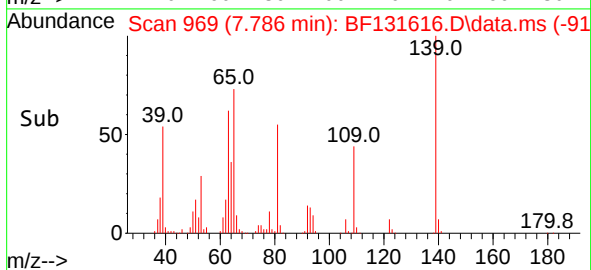
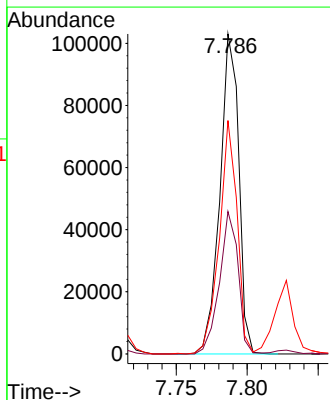
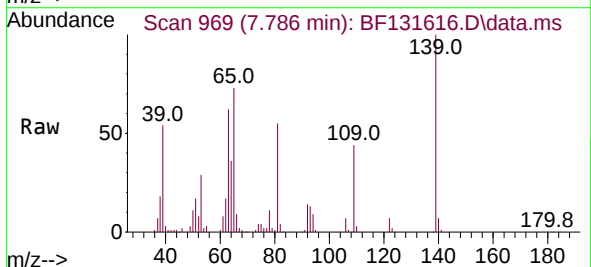
Supervised By :mohammad
ahmed

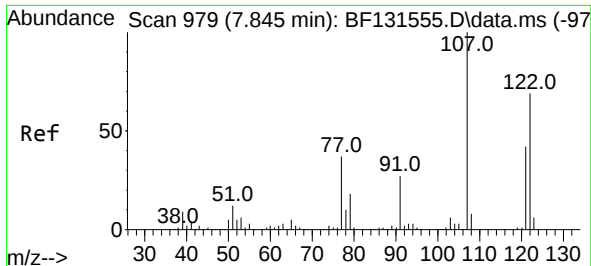
12/14/2022



#26
2-Nitrophenol
Concen: 53.451 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

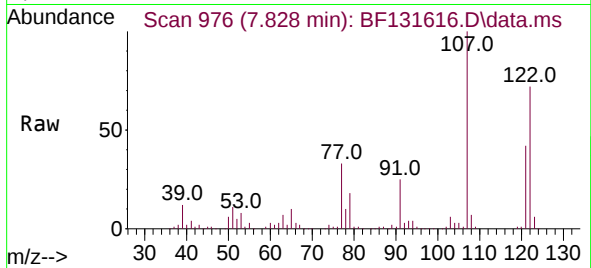
Tgt Ion:139 Resp: 95075
Ion Ratio Lower Upper
139 100
109 44.5 38.6 58.0
65 72.9 56.5 84.7





#27
2,4-Dimethylphenol
Concen: 58.614 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



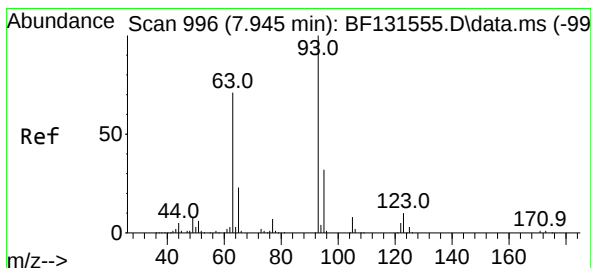
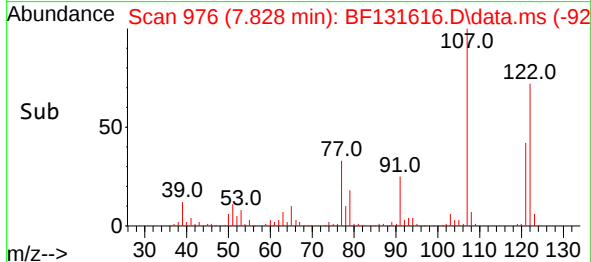
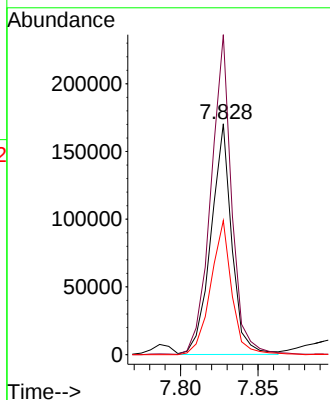
Tgt Ion:122 Resp: 159802
Ion Ratio Lower Upper
122 100
107 138.7 114.2 171.2
121 58.1 48.2 72.2

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Reviewed By :Jagrut
Upadhyay

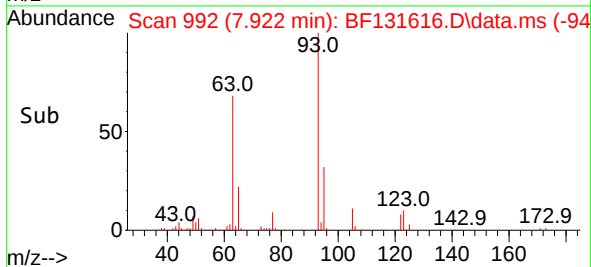
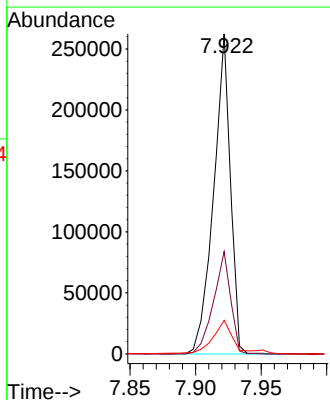
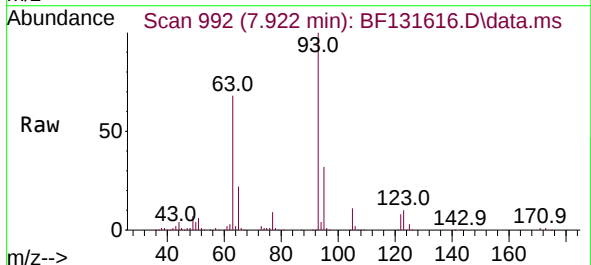
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Supervised By :mohammad
ahmed

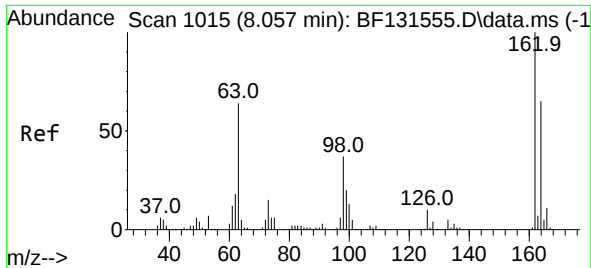
12/14/2022



#28
bis(2-Chloroethoxy)methane
Concen: 54.216 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion: 93 Resp: 233630
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 10.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 48.951 ng

RT: 8.033 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

Tgt Ion:162 Resp: 165016

Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.0	85.0
98	40.8	16.6	56.6

Manual Integrations

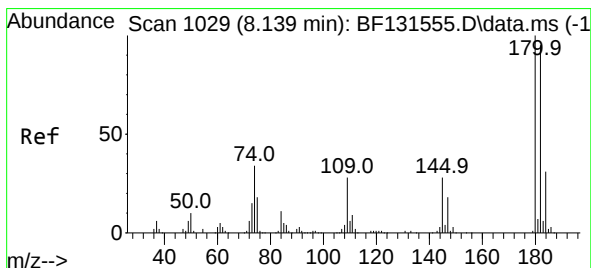
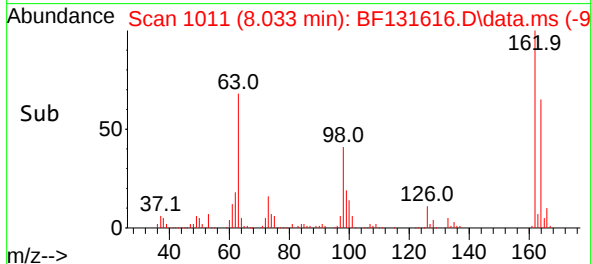
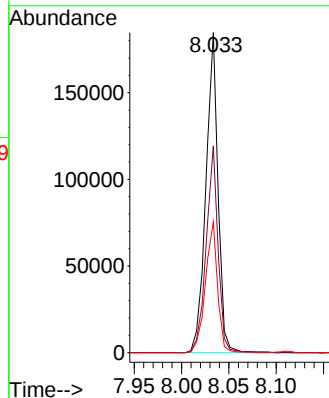
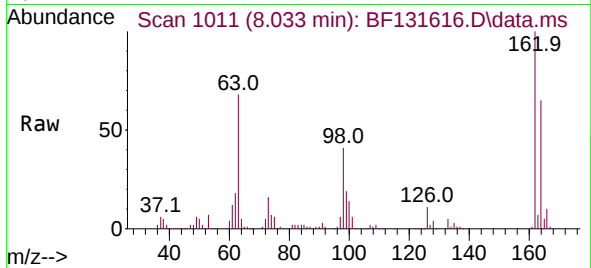
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Reviewed By :Jagrut
Upadhyay

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Supervised By :mohammad
ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 45.338 ng

RT: 8.110 min Scan# 1024

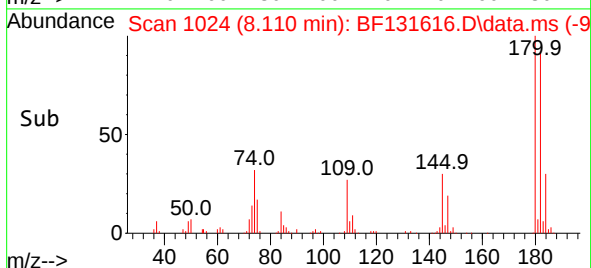
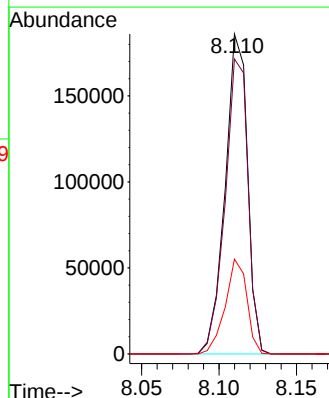
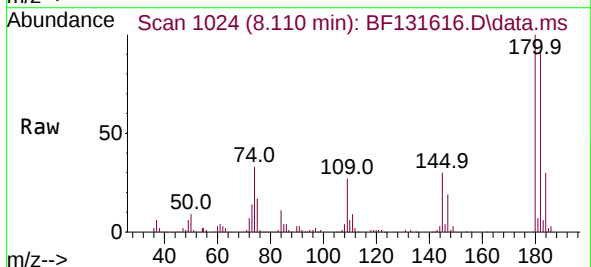
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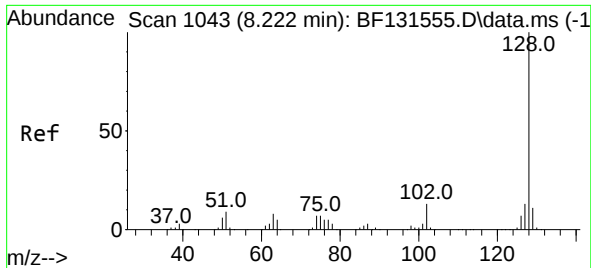
Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Tgt Ion:180 Resp: 187429

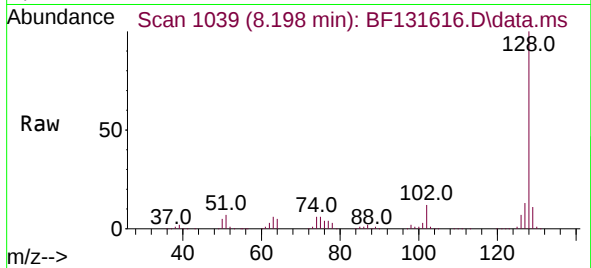
Ion	Ratio	Lower	Upper
180	100		
182	92.2	75.8	113.6
145	29.6	22.4	33.6





#31
Naphthalene
Concen: 46.837 ng
RT: 8.198 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



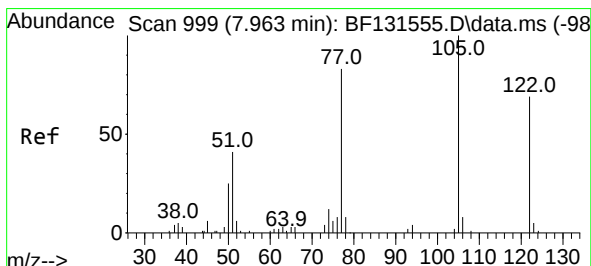
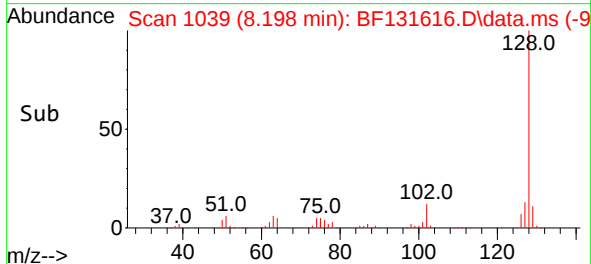
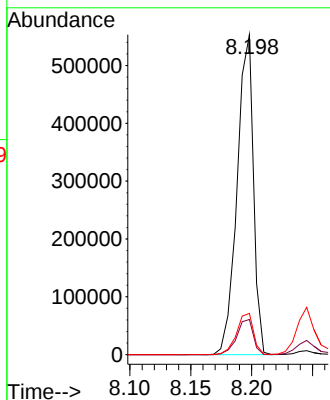
Tgt Ion:128 Resp: 515789
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.6 15.8

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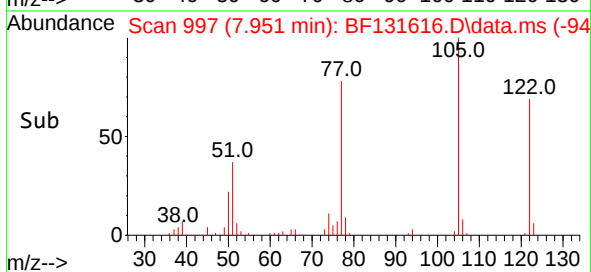
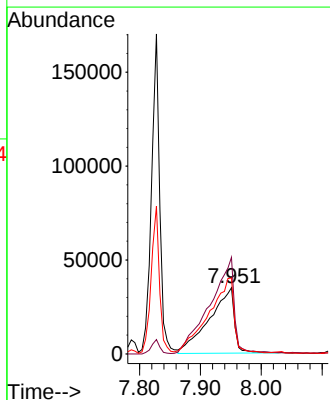
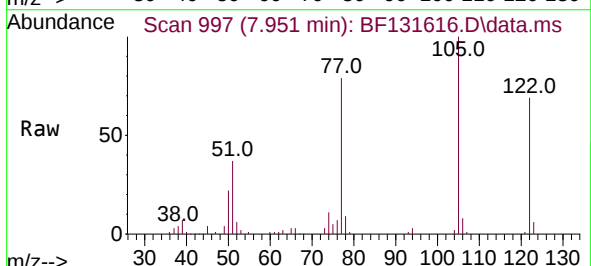
12/14/2022
Supervised By :mohammad
ahmed

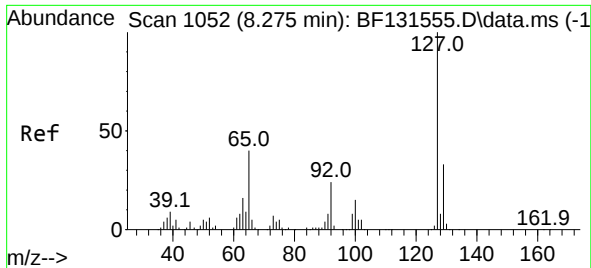
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#32
Benzoic acid
Concen: 50.751 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

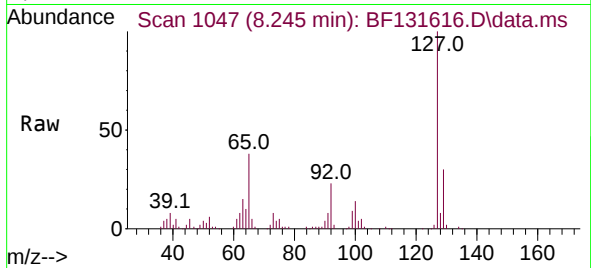
Tgt Ion:122 Resp: 100206
Ion Ratio Lower Upper
122 100
105 145.9 119.8 159.8
77 114.6 97.6 137.6





#33
4-Chloroaniline
Concen: 22.920 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:127 Resp: 94610

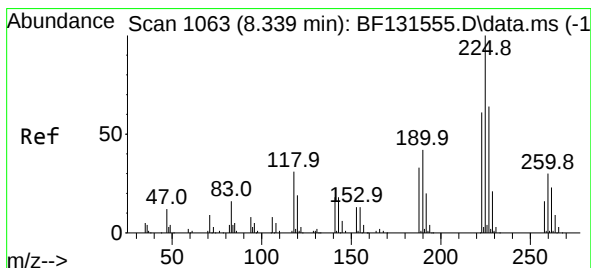
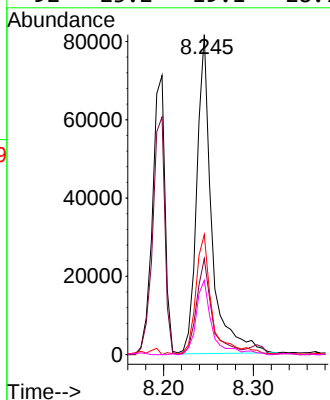
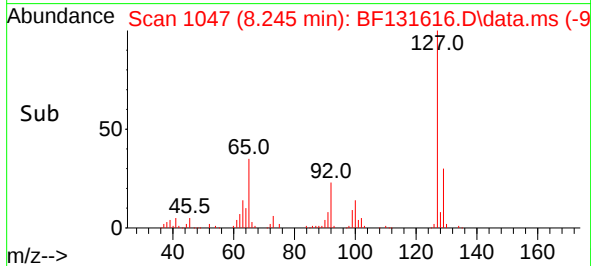
Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.4	39.6
65	37.5	31.9	47.9
92	23.2	19.1	28.7

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Supervised By :mohammad
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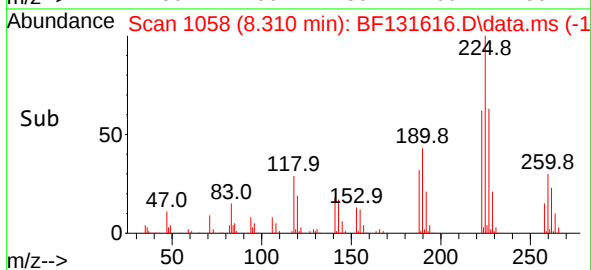
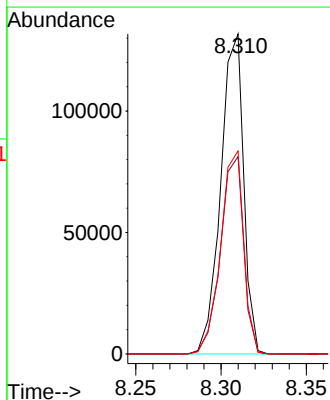
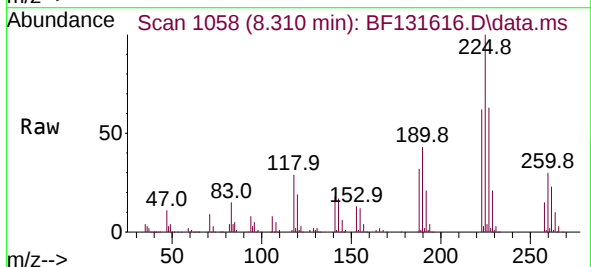
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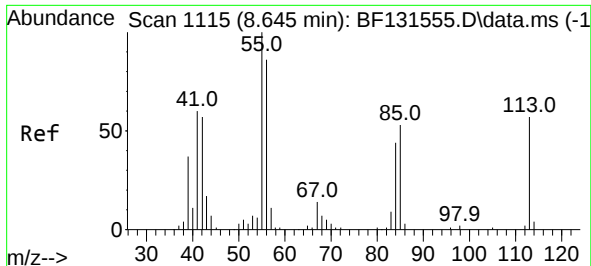


#34
Hexachlorobutadiene
Concen: 42.253 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:225 Resp: 123106

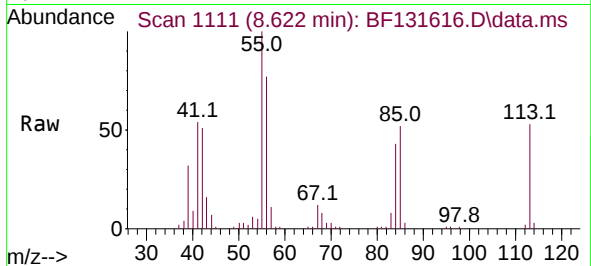
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.7	73.1
227	63.4	51.0	76.6





#35
Caprolactam
Concen: 48.783 ng m
RT: 8.622 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



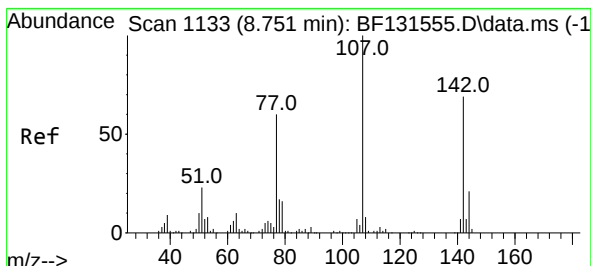
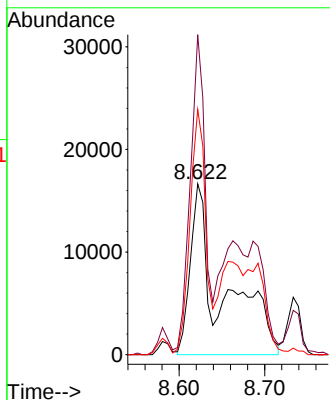
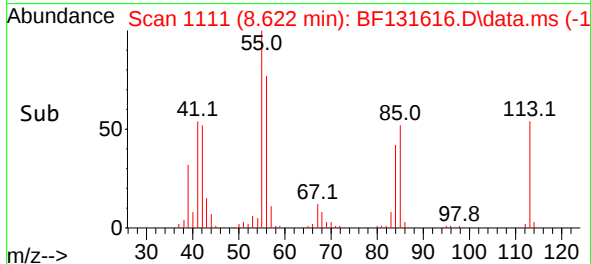
Tgt Ion:113 Resp: 42540
Ion Ratio Lower Upper
113 100
55 187.3 155.8 195.8
56 143.6 131.7 171.7

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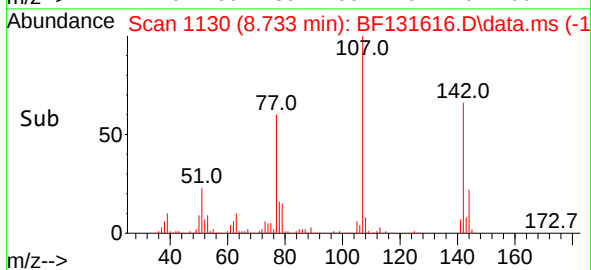
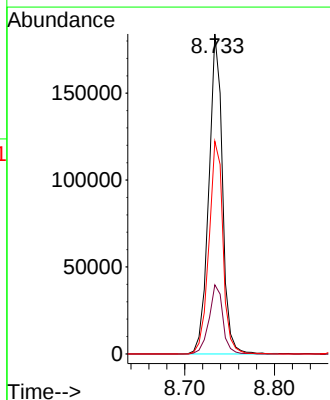
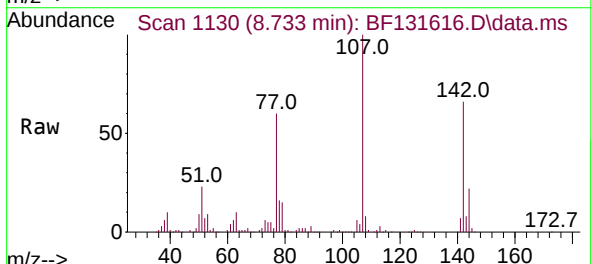
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Supervised By :mohammad
ahmed

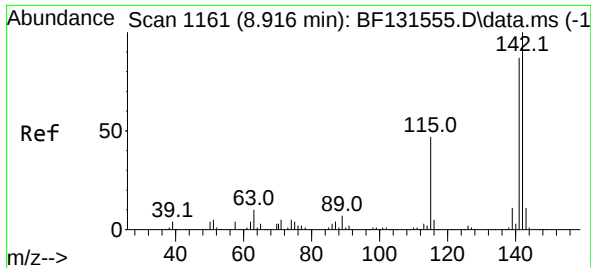
12/14/2022



#36
4-Chloro-3-methylphenol
Concen: 51.223 ng
RT: 8.733 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:107 Resp: 193898
Ion Ratio Lower Upper
107 100
144 21.6 17.0 25.4
142 66.4 54.8 82.2





#37
2-Methylnaphthalene
Concen: 47.022 ng
RT: 8.886 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

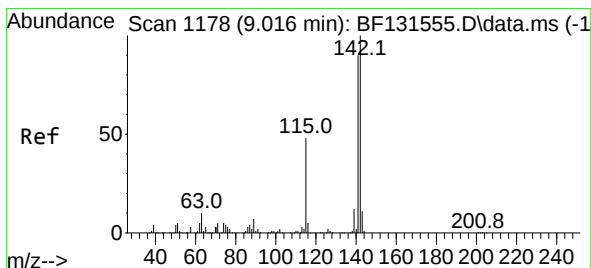
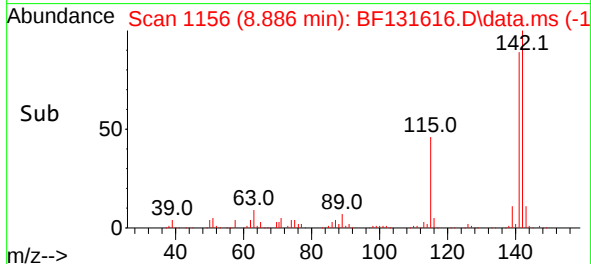
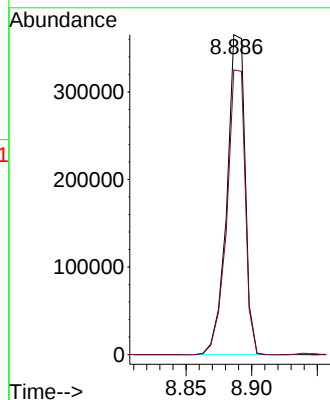
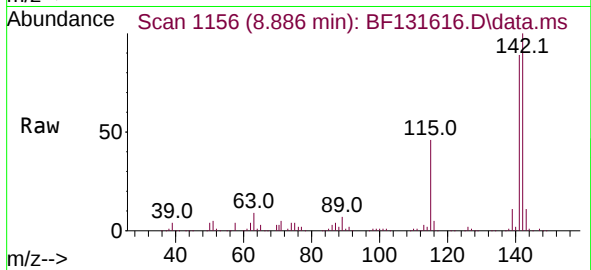
Tgt Ion:142 Resp: 354135
Ion Ratio Lower Upper
142 100
141 89.0 69.7 104.5

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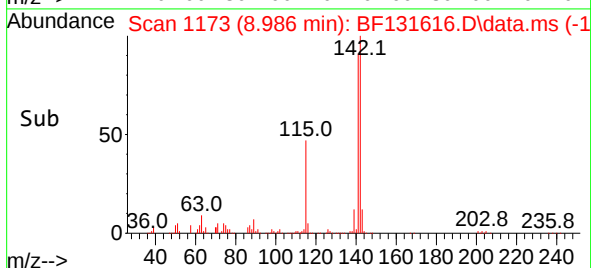
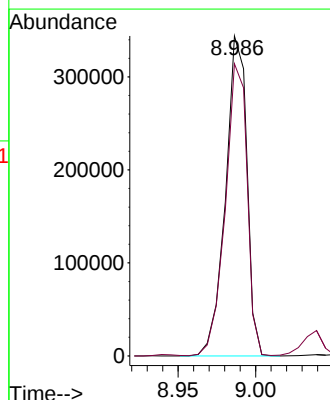
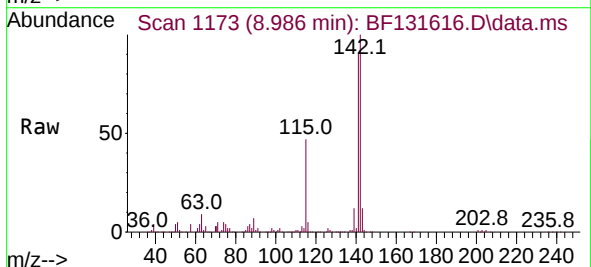
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Supervised By :mohammad
ahmed

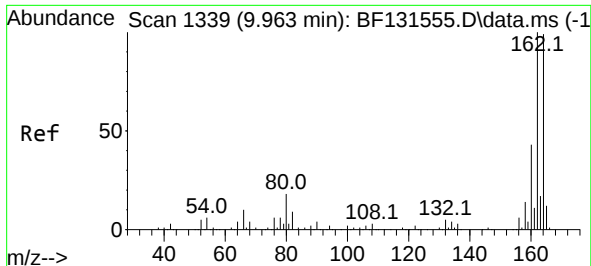
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#38
1-Methylnaphthalene
Concen: 45.703 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

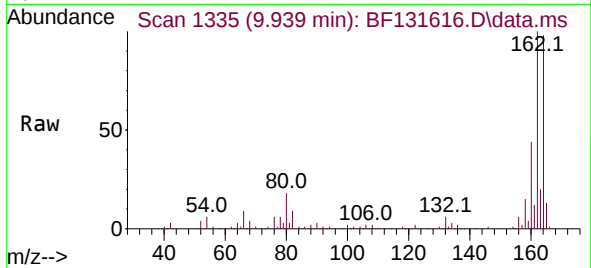
Tgt Ion:142 Resp: 330418
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



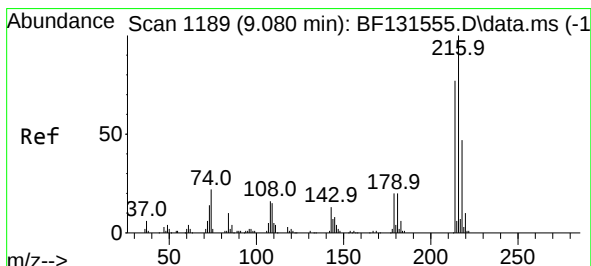
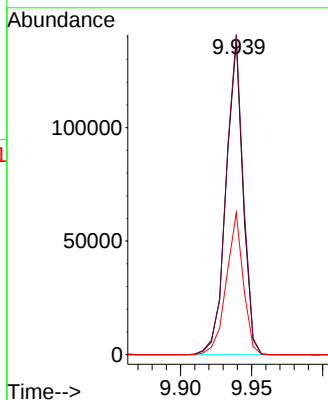
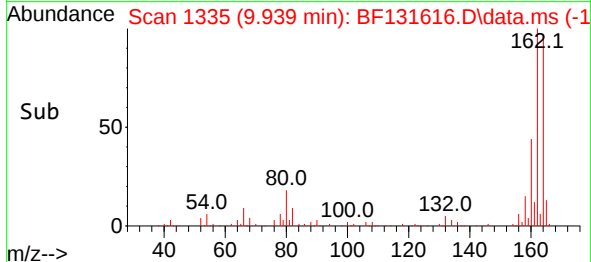
Tgt Ion:164 Resp: 114839
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 45.2 35.0 52.6

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Upadhyay

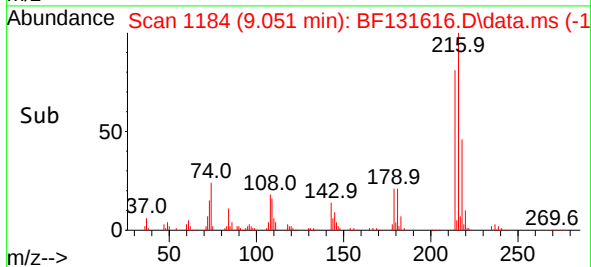
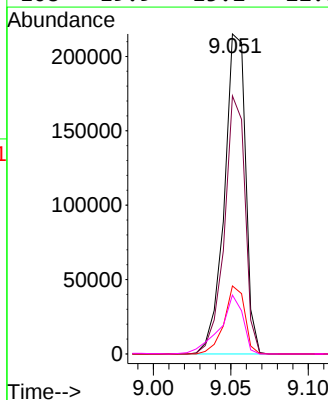
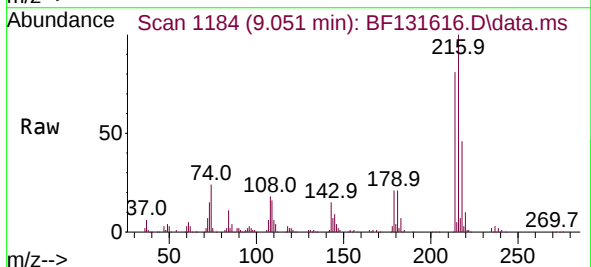
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Supervised By :mohammad
ahmed

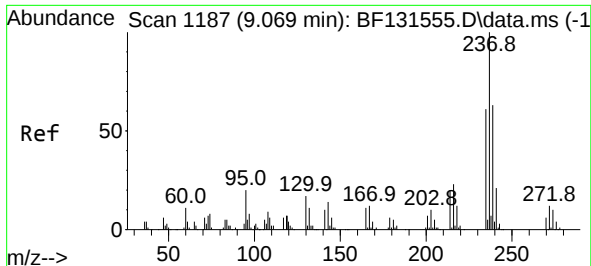
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.223 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

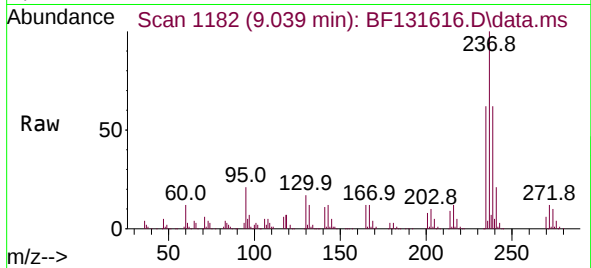
Tgt Ion:216 Resp: 205000
Ion Ratio Lower Upper
216 100
214 78.0 62.1 93.1
179 20.4 16.0 24.0
108 19.9 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 97.400 ng
RT: 9.039 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



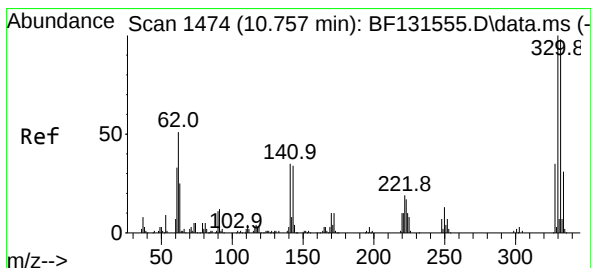
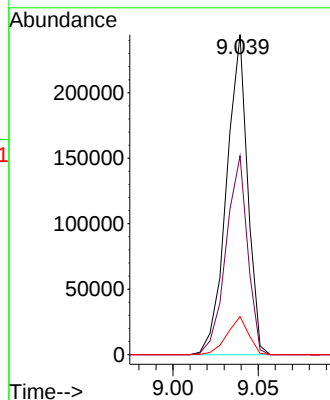
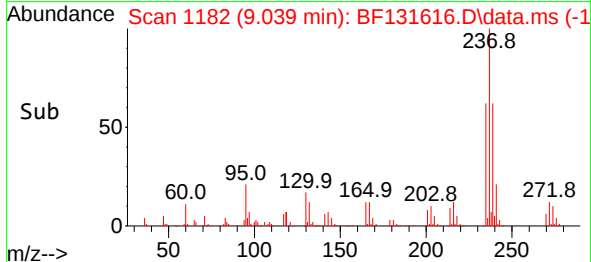
Tgt Ion: 237 Resp: 210164
Ion Ratio Lower Upper
237 100
235 62.1 40.6 80.6
272 11.9 0.0 32.2

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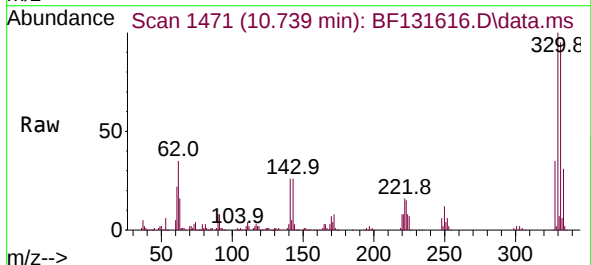
Reviewed By : Jagrut
Upadhyay

12/14/2022
Supervised By : mohammad
ahmed

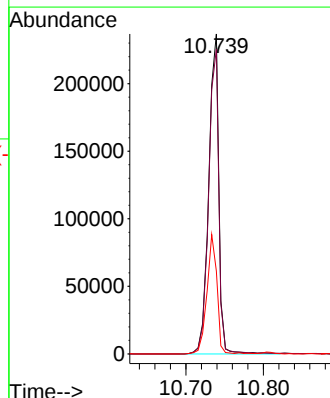
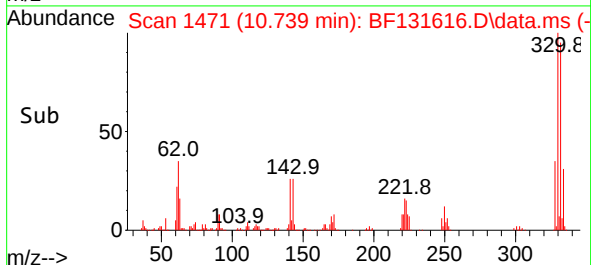
12/14/2022

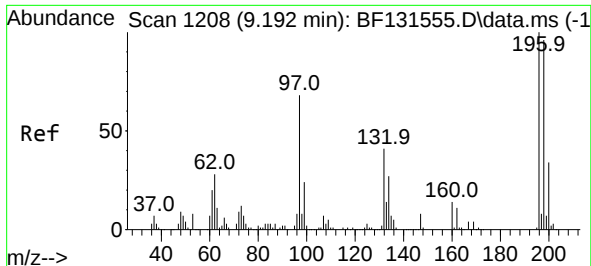


#42
2,4,6-Tribromophenol
Concen: 167.409 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



Tgt Ion: 330 Resp: 213596
Ion Ratio Lower Upper
330 100
332 96.2 78.3 117.5
141 37.0 32.6 49.0





#43

2,4,6-Trichlorophenol

Concen: 50.025 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF131616.D

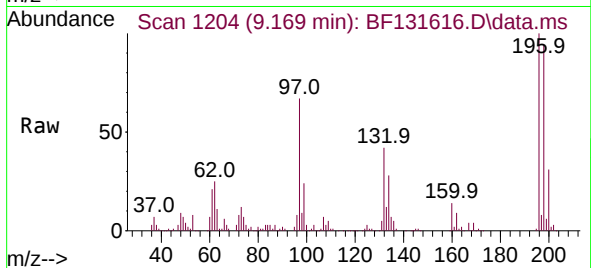
Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS



Tgt Ion:	196	Resp:	13153
Ion Ratio	Lower	Upper	
196	100		
198	93.7	76.9	115.3
200	30.8	26.9	40.3

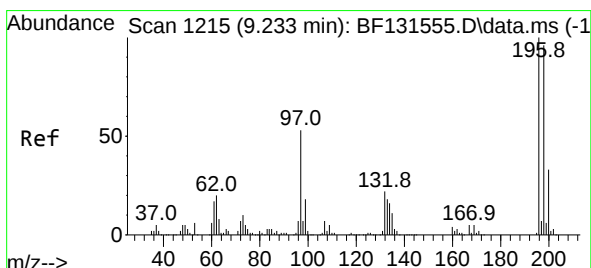
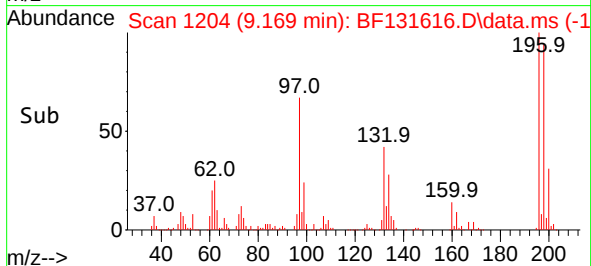
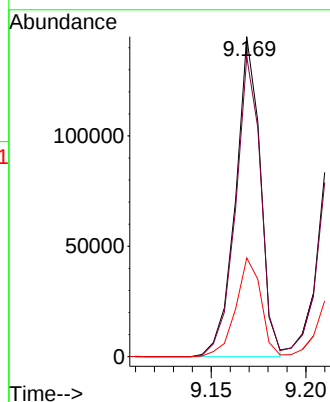
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

12/14/2022

Supervised By :mohammad
ahmed

12/14/2022



#44

2,4,5-Trichlorophenol

Concen: 51.166 ng

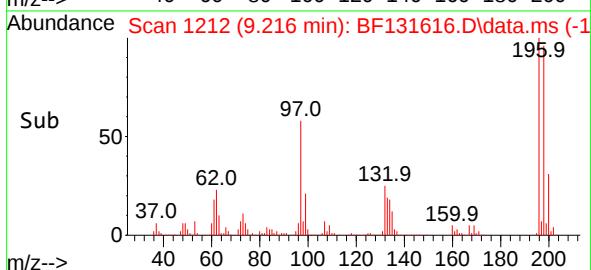
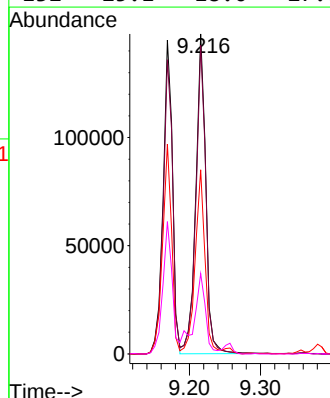
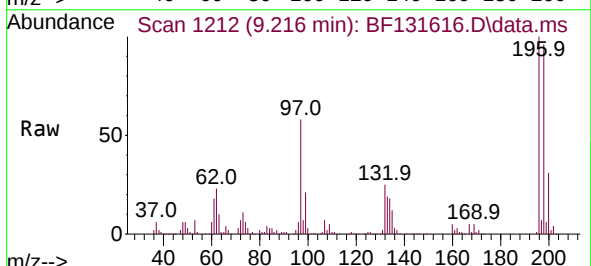
RT: 9.216 min Scan# 1212

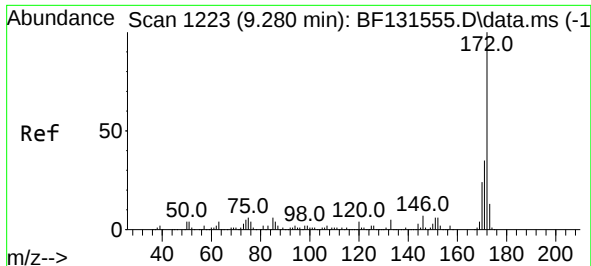
Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Tgt Ion:	196	Resp:	144688
Ion Ratio	Lower	Upper	
196	100		
198	96.4	77.2	115.8
97	57.5	42.2	63.2
132	25.1	18.0	27.0





#45

2-Fluorobiphenyl

Concen: 88.174 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

Tgt Ion:172 Resp: 803072

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	23.2	19.3	28.9

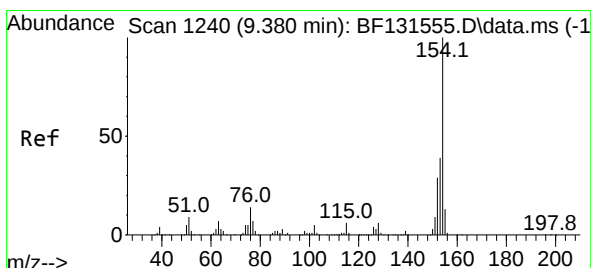
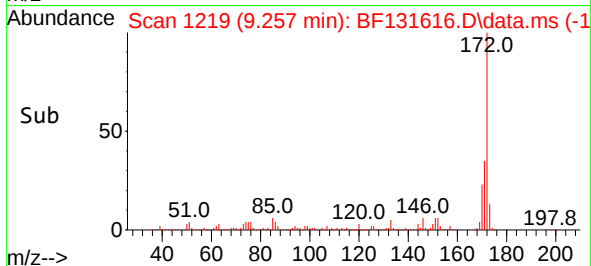
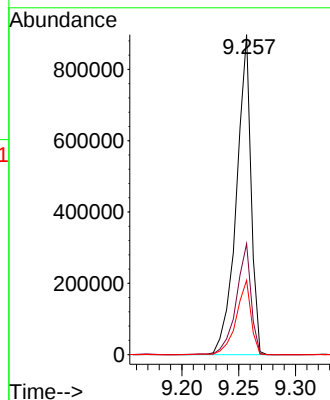
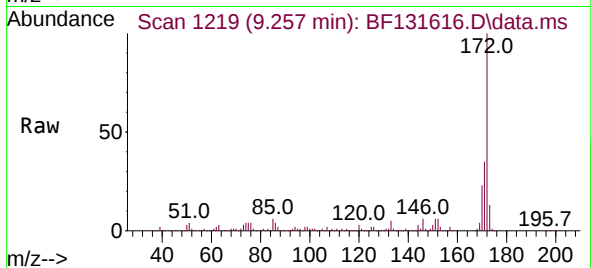
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

12/14/2022

Supervised By :mohammad
ahmed

12/14/2022



#46

1,1'-Biphenyl

Concen: 50.176 ng

RT: 9.357 min Scan# 1236

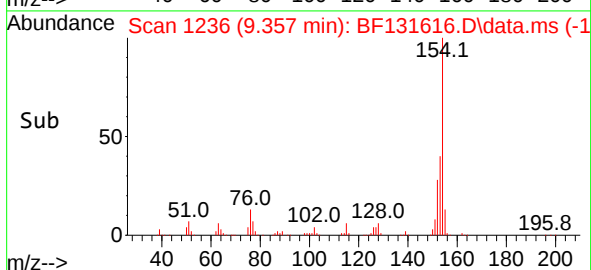
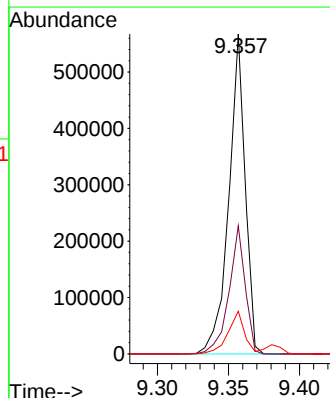
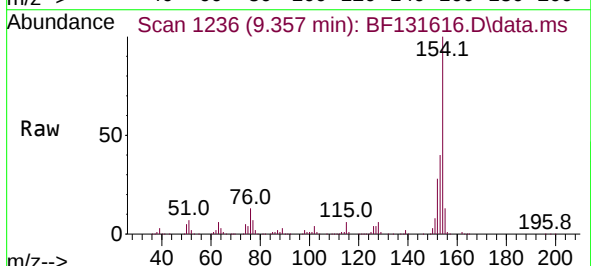
Delta R.T. 0.000 min

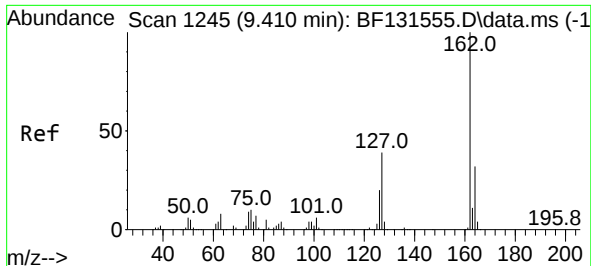
Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Tgt Ion:154 Resp: 455585

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.4	59.4
76	13.3	0.0	34.0





#47

2-Chloronaphthalene

Concen: 49.608 ng

RT: 9.380 min Scan# 1240

Delta R.T. -0.006 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

Tgt Ion:162 Resp: 366982

Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.4	47.2
164	32.5	25.8	38.8

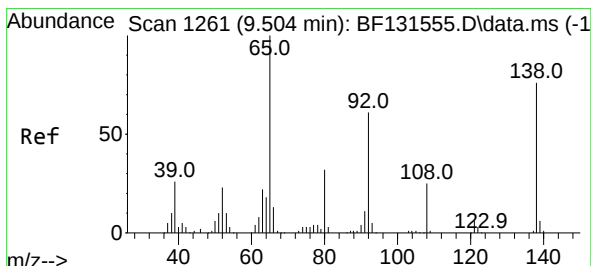
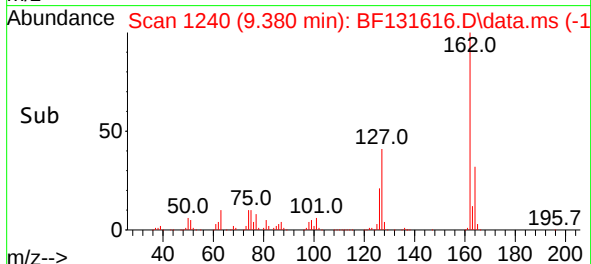
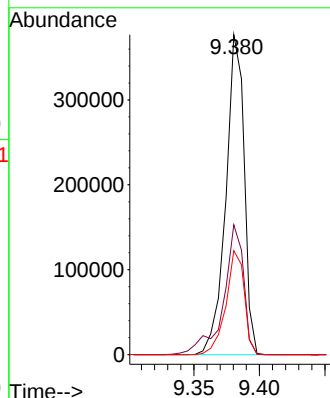
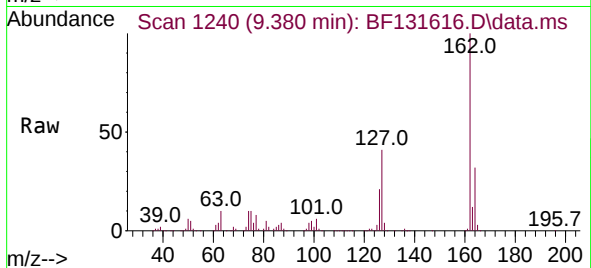
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

12/14/2022

Supervised By :mohammad
ahmed

12/14/2022



#48

2-Nitroaniline

Concen: 52.942 ng

RT: 9.486 min Scan# 1258

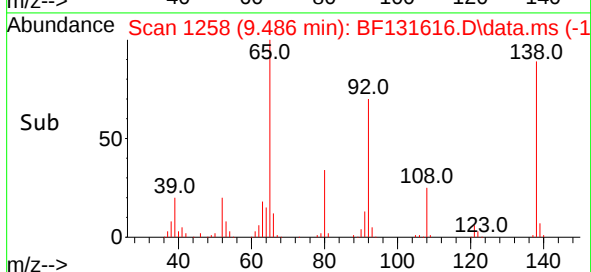
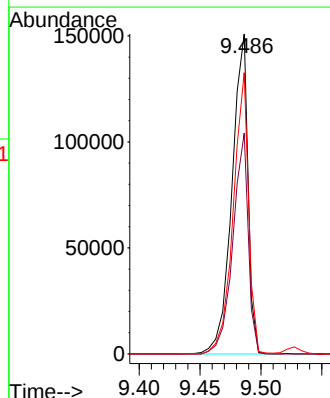
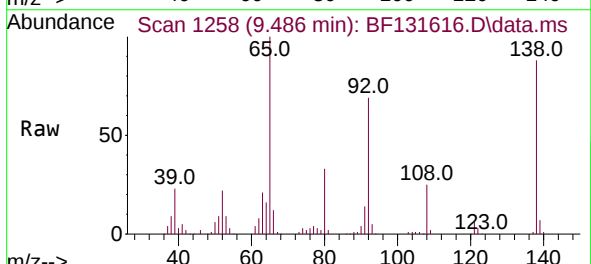
Delta R.T. 0.000 min

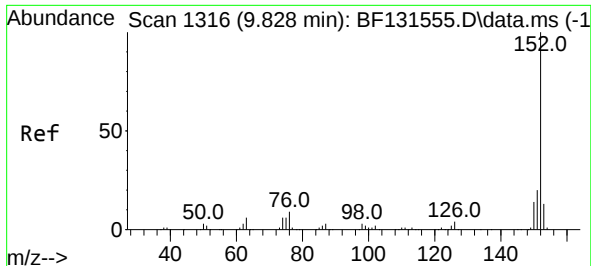
Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Tgt Ion: 65 Resp: 138737

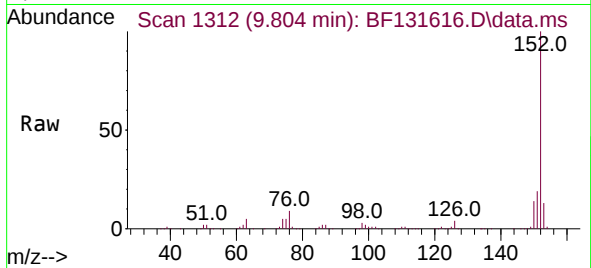
Ion	Ratio	Lower	Upper
65	100		
92	69.0	49.2	73.8
138	87.9	60.7	91.1





#49
Acenaphthylene
Concen: 51.583 ng
RT: 9.804 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



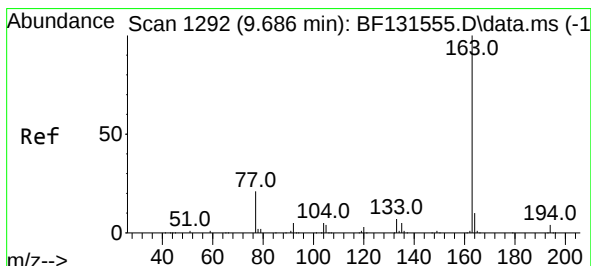
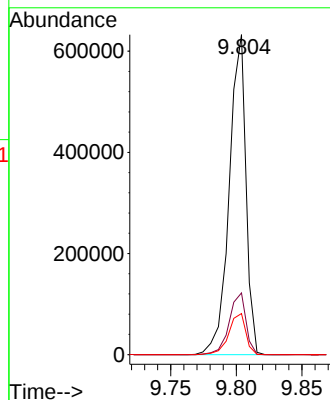
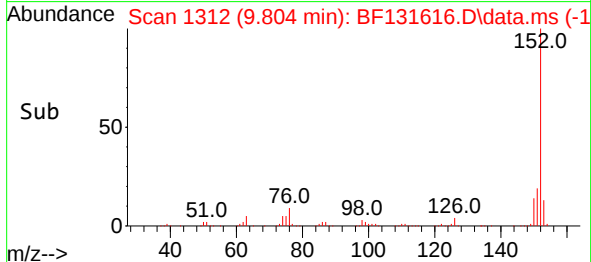
Tgt Ion:152 Resp: 560293
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 12.8 10.4 15.6

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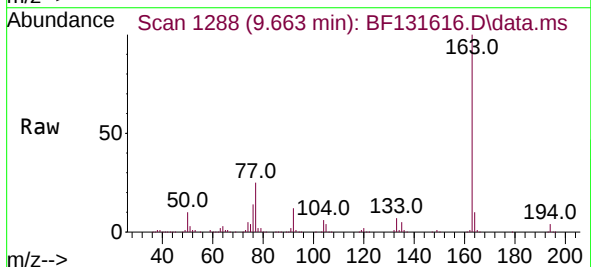
Reviewed By :Jagrut
Upadhyay

12/14/2022
Supervised By :mohammad
ahmed

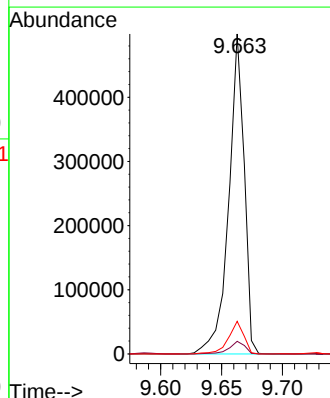
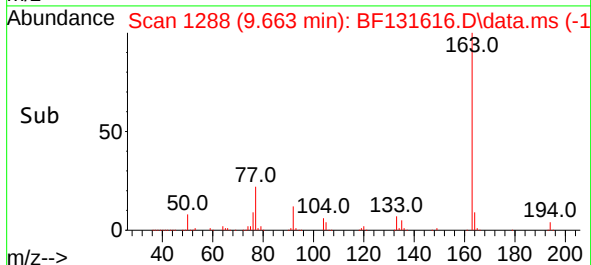
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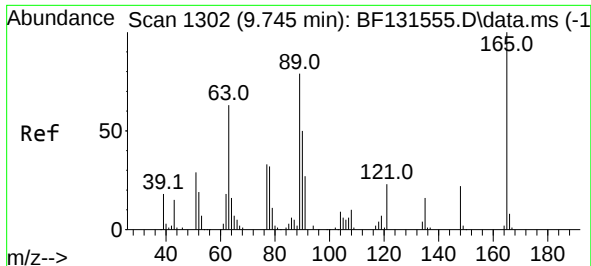


#50
Dimethylphthalate
Concen: 50.189 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



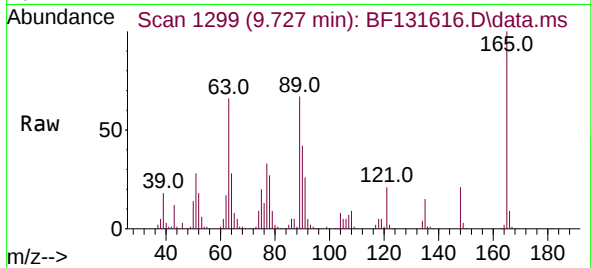
Tgt Ion:163 Resp: 439371
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 54.144 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



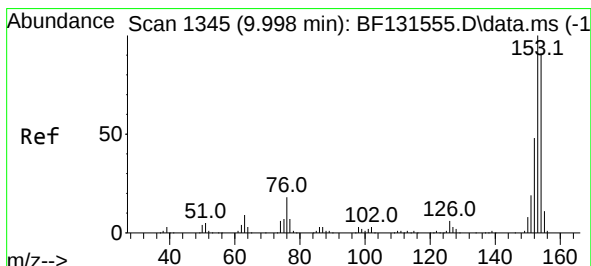
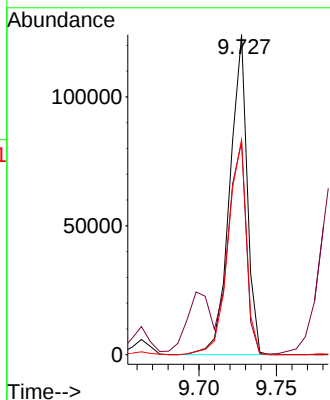
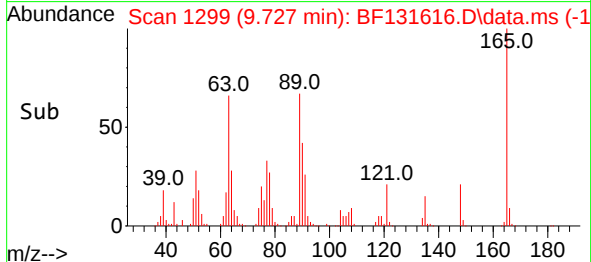
Tgt Ion:165 Resp: 9785
Ion Ratio Lower Upper
165 100
63 66.5 67.9 101.9
89 67.1 63.2 94.8

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Reviewed By :Jagrut
Upadhyay

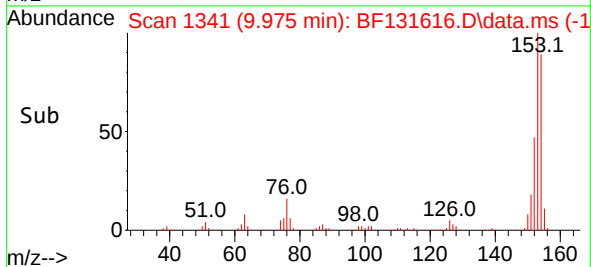
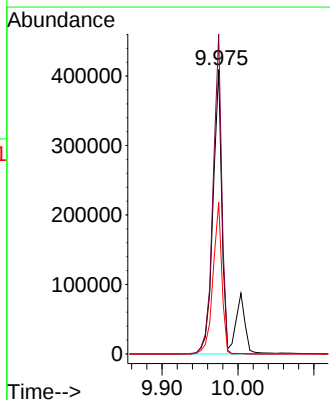
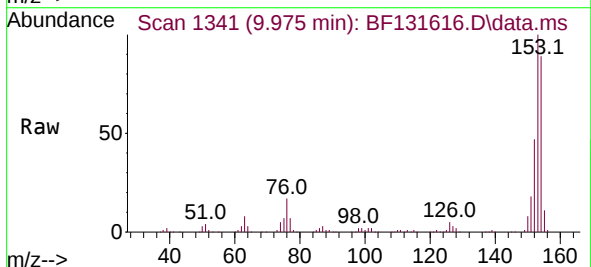
12/14/2022
Supervised By :mohammad
ahmed

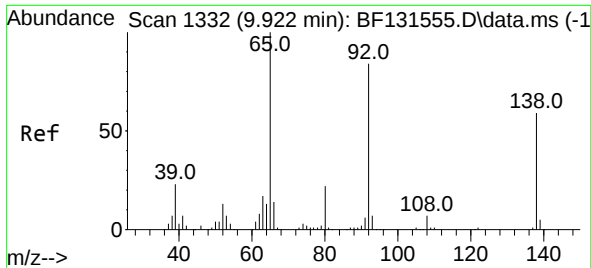
12/14/2022



#52
Acenaphthene
Concen: 55.350 ng m
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

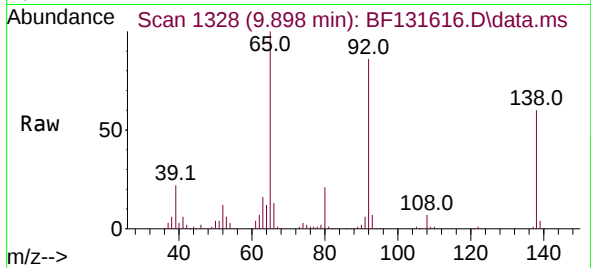
Tgt Ion:154 Resp: 402763
Ion Ratio Lower Upper
154 100
153 112.6 87.9 131.9
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 37.067 ng
RT: 9.898 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



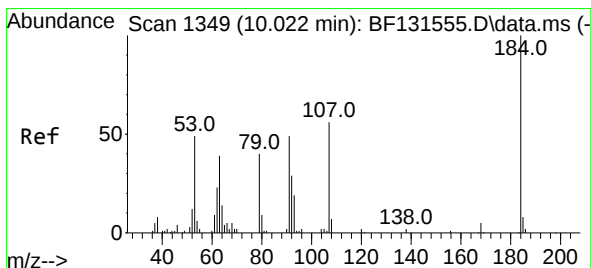
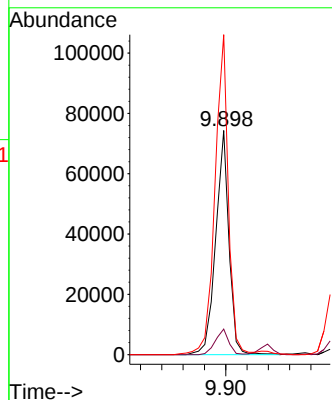
Tgt Ion:138 Resp: 64276
Ion Ratio Lower Upper
138 100
108 11.4 9.6 14.4
92 142.9 113.4 170.0

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Reviewed By :Jagrut
Upadhyay

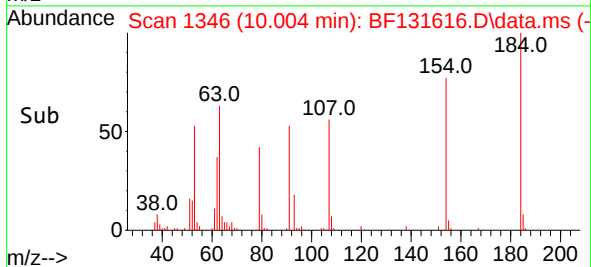
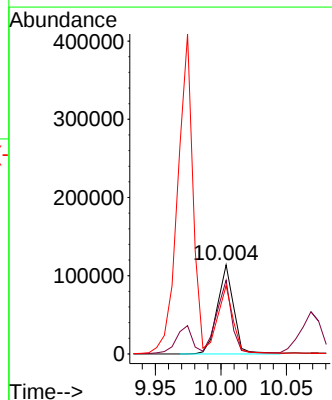
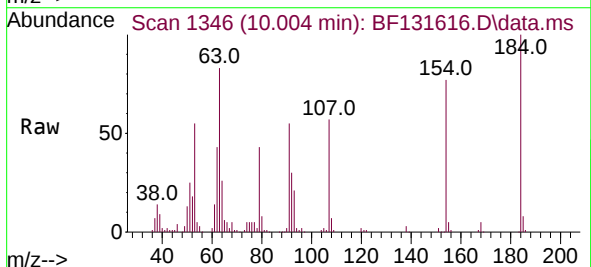
12/14/2022
Supervised By :mohammad
ahmed

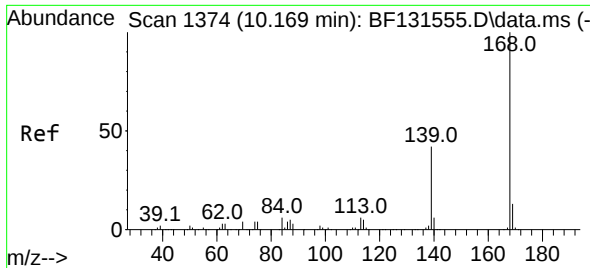
12/14/2022



#54
2,4-Dinitrophenol
Concen: 94.256 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

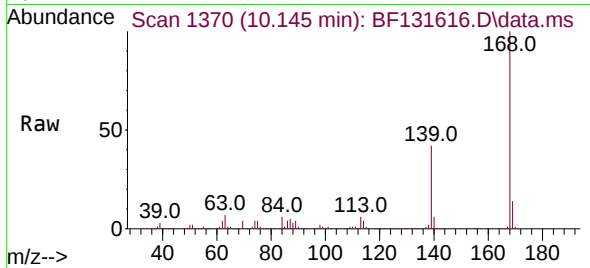
Tgt Ion:184 Resp: 98312
Ion Ratio Lower Upper
184 100
63 82.8 60.7 91.1
154 76.6 59.0 88.6





#55
Dibenzenofuran
Concen: 50.561 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



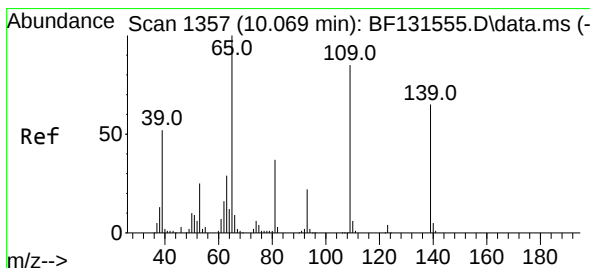
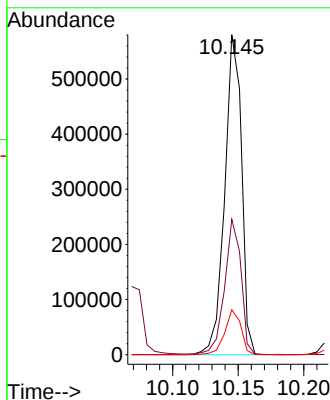
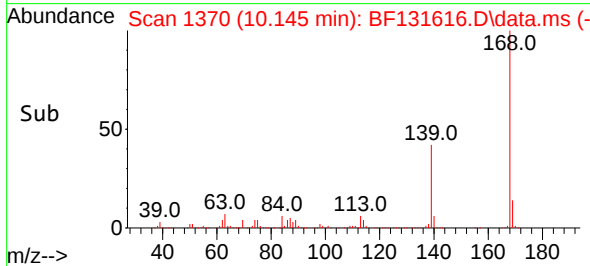
Tgt Ion:168 Resp: 519837
Ion Ratio Lower Upper
168 100
139 42.3 33.9 50.9
169 14.0 10.7 16.1

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Reviewed By :Jagrut
Upadhyay

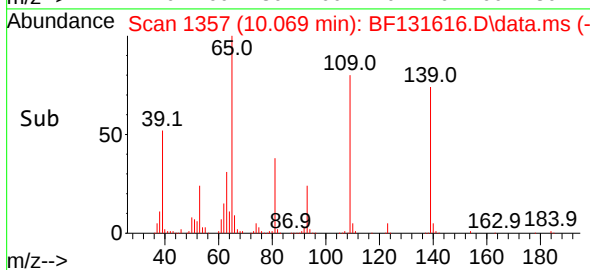
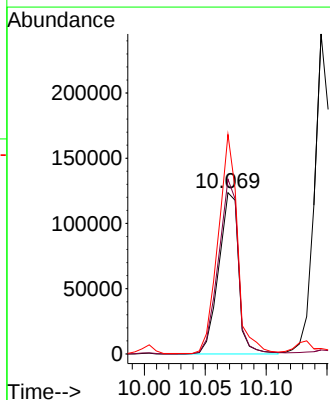
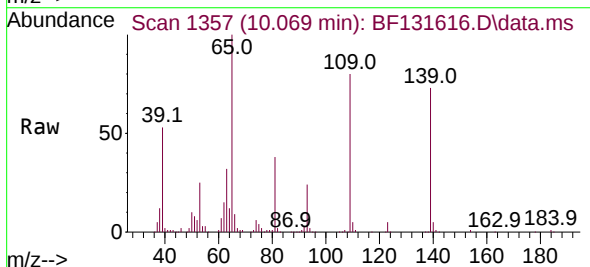
12/14/2022
Supervised By :mohammad
ahmed

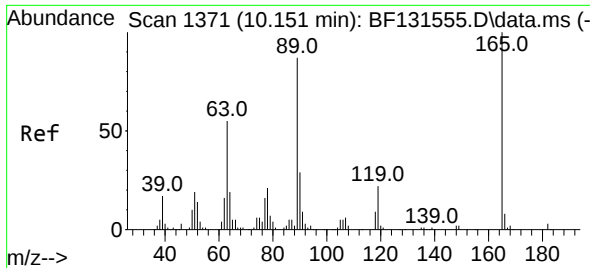
12/14/2022



#56
4-Nitrophenol
Concen: 116.401 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

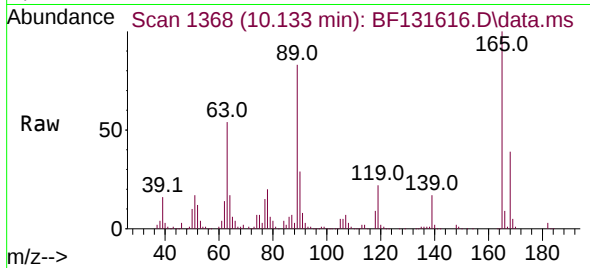
Tgt Ion:139 Resp: 140219
Ion Ratio Lower Upper
139 100
109 108.4 110.2 150.2#
65 136.2 133.3 173.3





#57
2,4-Dinitrotoluene
Concen: 56.312 ng
RT: 10.133 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



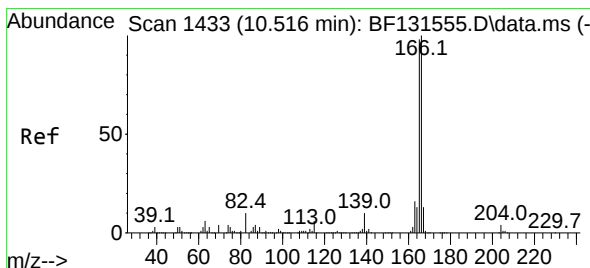
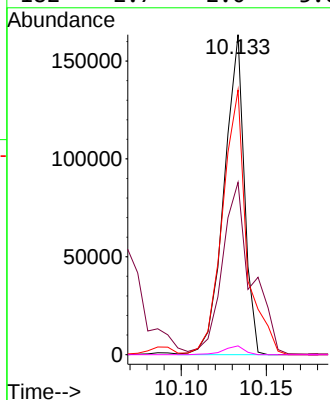
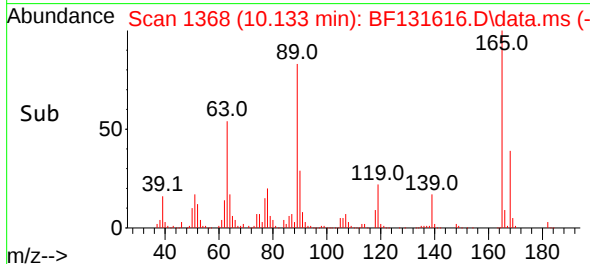
Tgt Ion:165 Resp: 135005
Ion Ratio Lower Upper
165 100
63 53.8 44.4 66.6
89 82.7 69.6 104.4
182 2.7 2.0 3.0

Manual Integrations
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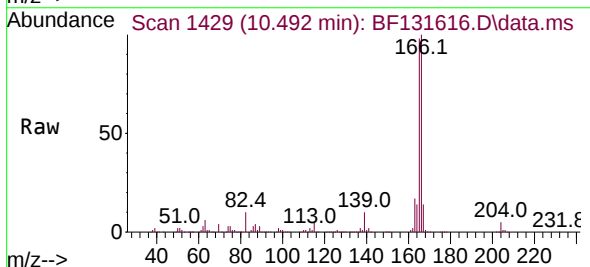
Reviewed By :Jagrut
Upadhyay

12/14/2022
Supervised By :mohammad
ahmed

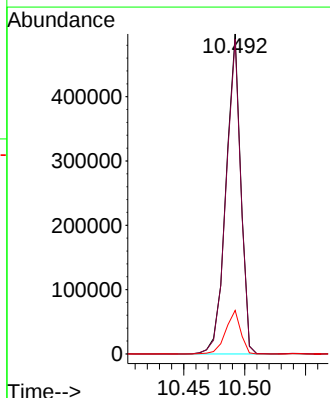
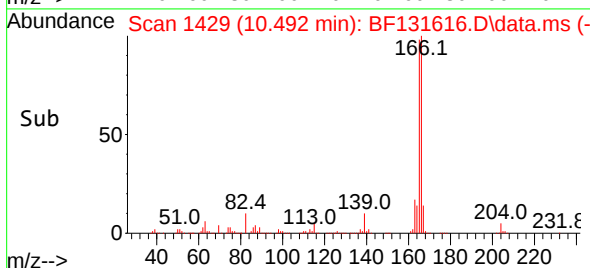
12/14/2022

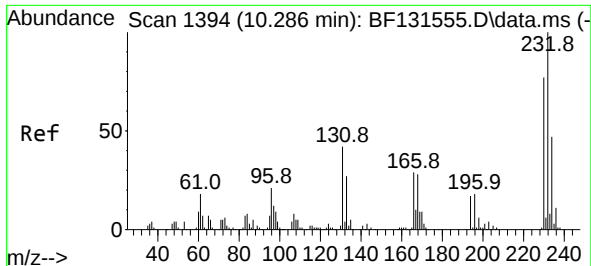


#58
Fluorene
Concen: 50.167 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



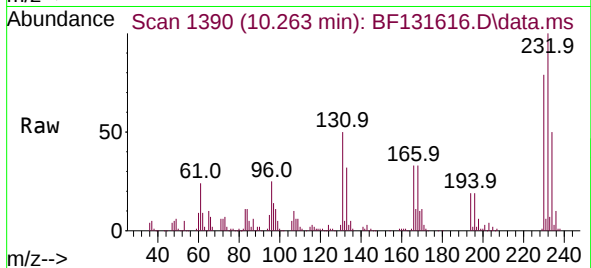
Tgt Ion:166 Resp: 419316
Ion Ratio Lower Upper
166 100
165 98.3 78.4 117.6
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.802 ng m
RT: 10.263 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



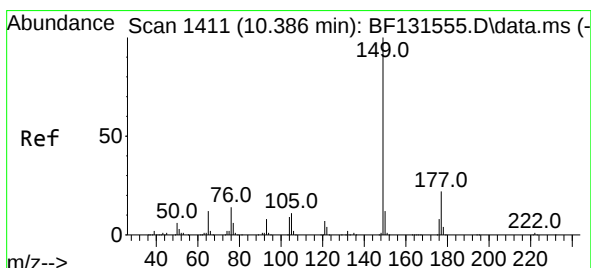
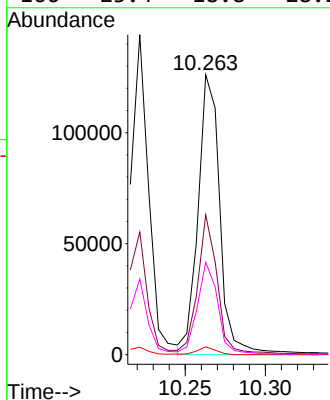
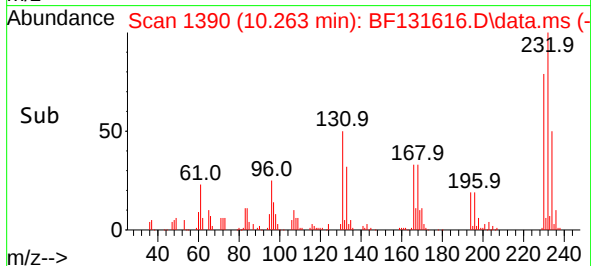
Tgt Ion:232 Resp: 119256
Ion Ratio Lower Upper
232 100
131 39.4 31.0 46.6
130 2.4 1.8 2.8
166 23.4 18.8 28.2

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Reviewed By :Jagrut
Upadhyay

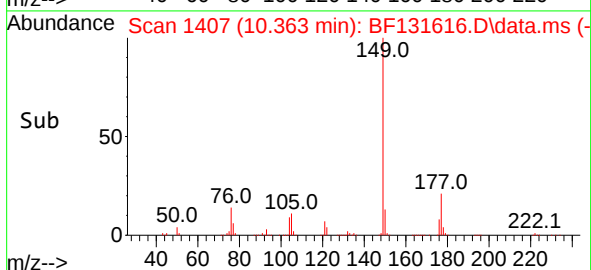
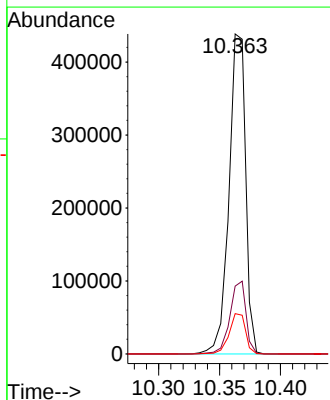
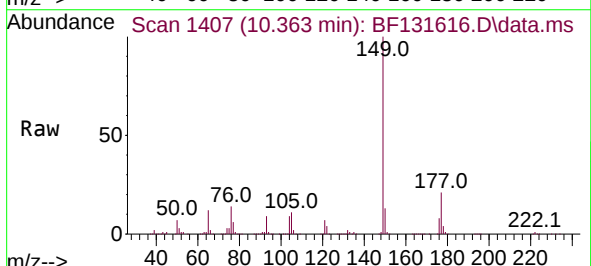
12/14/2022
Supervised By :mohammad
ahmed

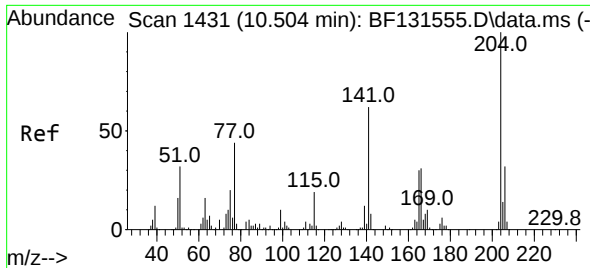
12/14/2022



#60
Diethylphthalate
Concen: 49.763 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

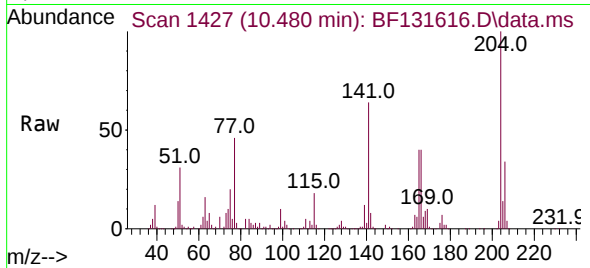
Tgt Ion:149 Resp: 418061
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.2
150 12.6 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 47.747 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



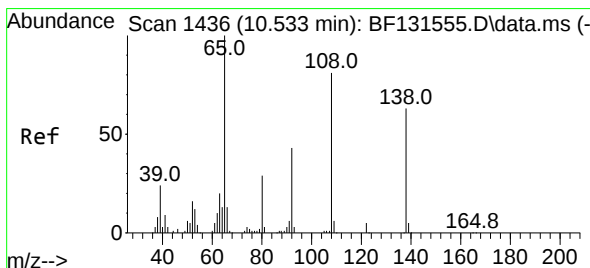
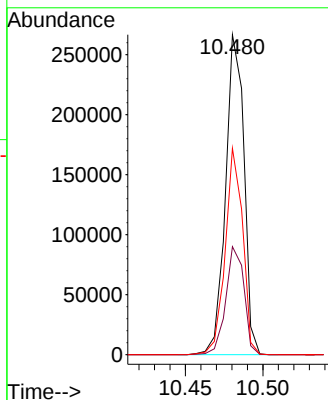
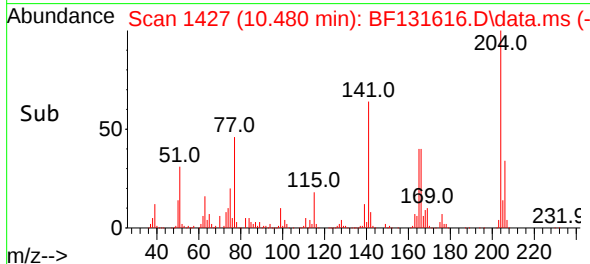
Tgt Ion:204 Resp: 220546
Ion Ratio Lower Upper
204 100
206 33.7 25.4 38.2
141 64.5 49.5 74.3

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Reviewed By :Jagrut
Upadhyay

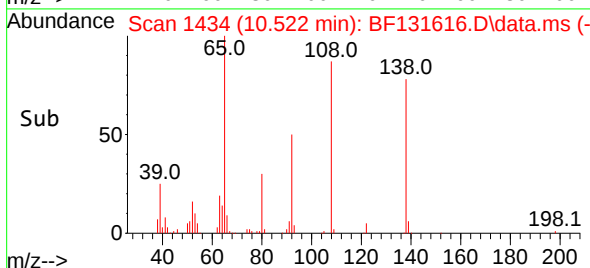
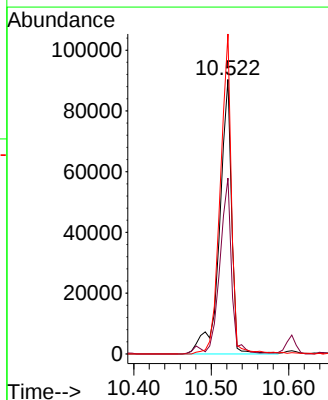
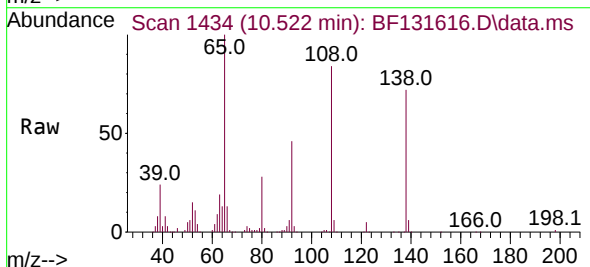
12/14/2022
Supervised By :mohammad
ahmed

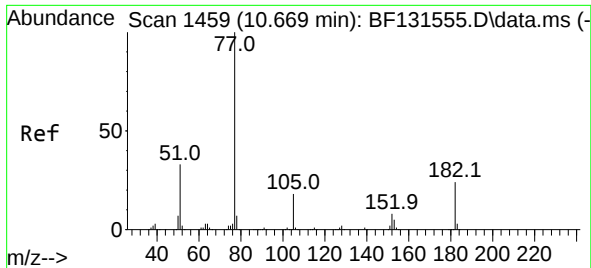
12/14/2022



#62
4-Nitroaniline
Concen: 56.525 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

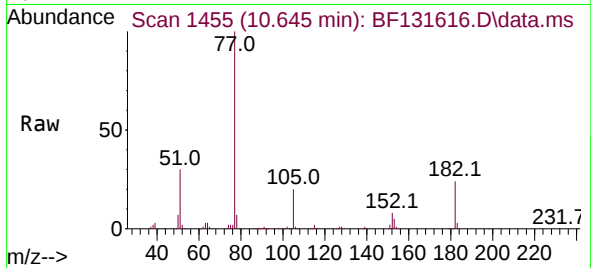
Tgt Ion:138 Resp: 97129
Ion Ratio Lower Upper
138 100
92 64.1 47.5 87.5
108 116.6 108.8 148.8





#63
Azobenzene
Concen: 48.106 ng
RT: 10.645 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



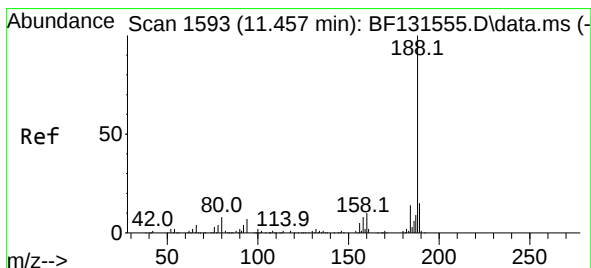
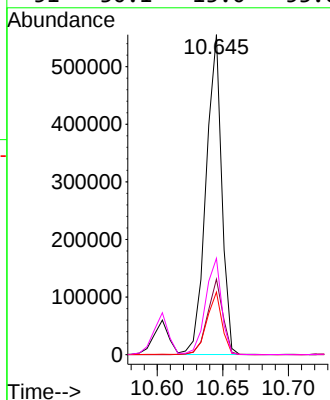
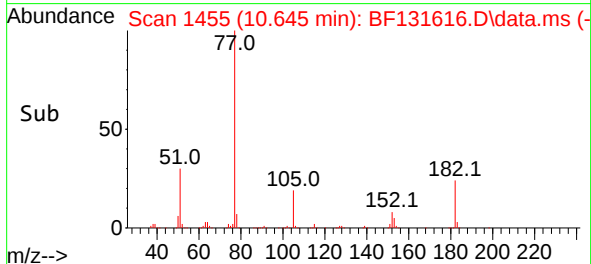
Tgt Ion: 77 Resp: 460944
Ion Ratio Lower Upper
77 100
182 23.6 3.9 43.9
105 19.5 0.0 38.3
51 30.1 13.0 53.0

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Reviewed By :Jagrut
Upadhyay

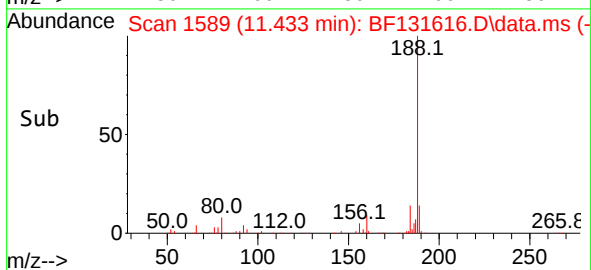
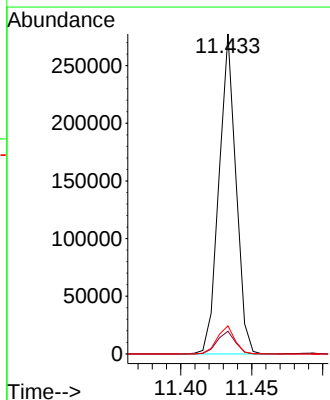
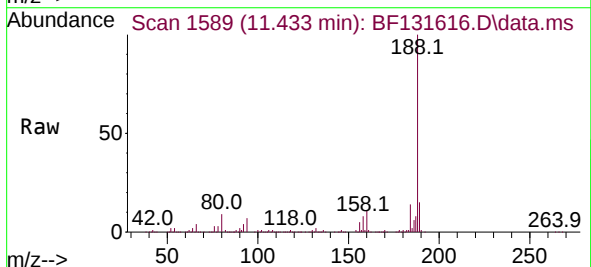
12/14/2022
Supervised By :mohammad
ahmed

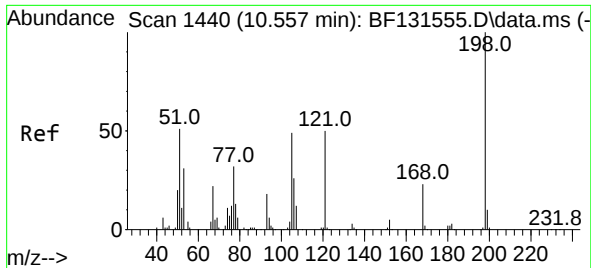
12/14/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

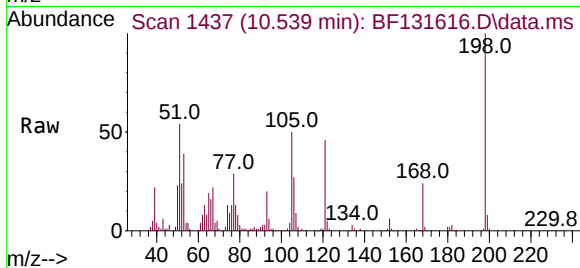
Tgt Ion:188 Resp: 231084
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 8.8 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.547 ng
RT: 10.539 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



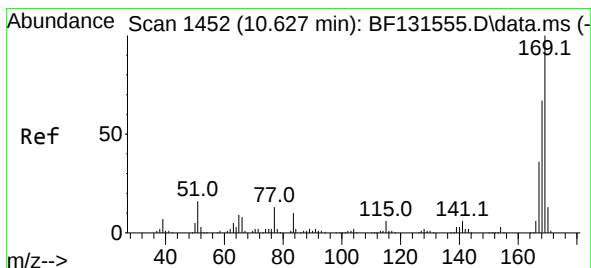
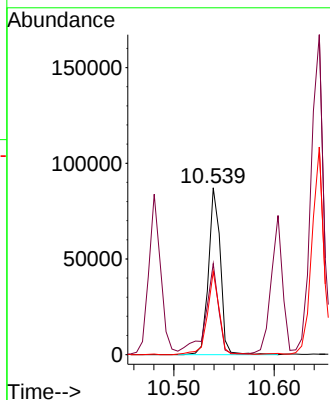
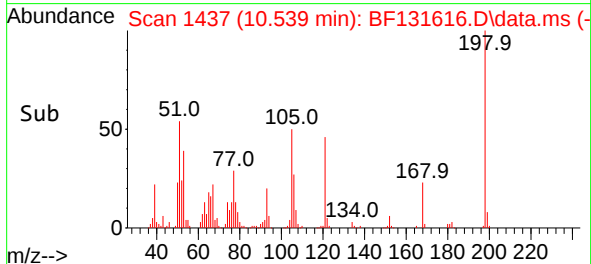
Tgt Ion:198 Resp: 71054
Ion Ratio Lower Upper
198 100
51 54.5 36.7 76.7
105 49.8 29.9 69.9

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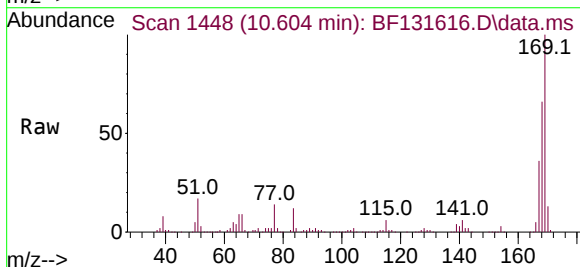
Reviewed By :Jagrut
Upadhyay

12/14/2022
Supervised By :mohammad
ahmed

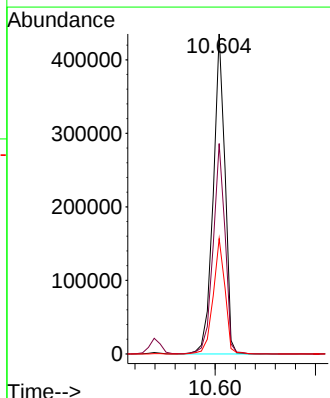
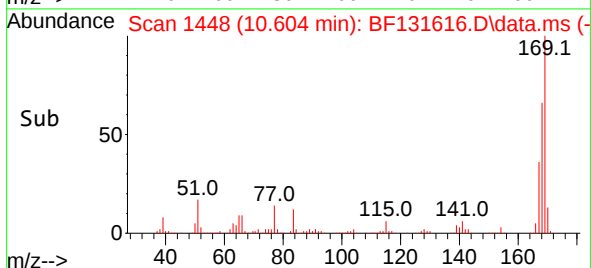
12/14/2022

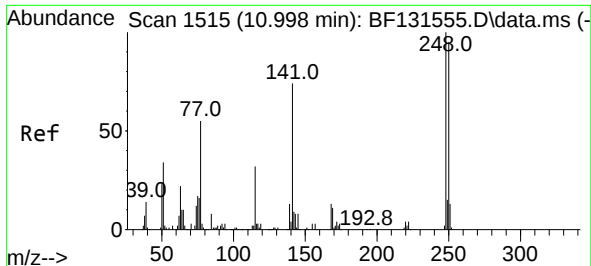


#66
n-Nitrosodiphenylamine
Concen: 47.114 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



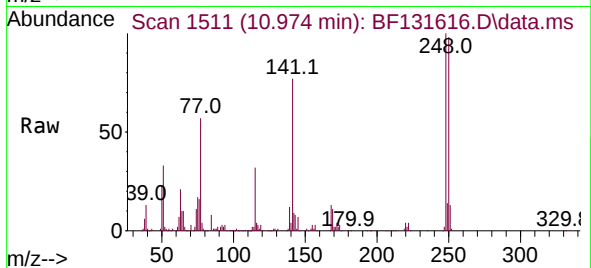
Tgt Ion:169 Resp: 351974
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.6
167 36.0 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 45.186 ng
RT: 10.974 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



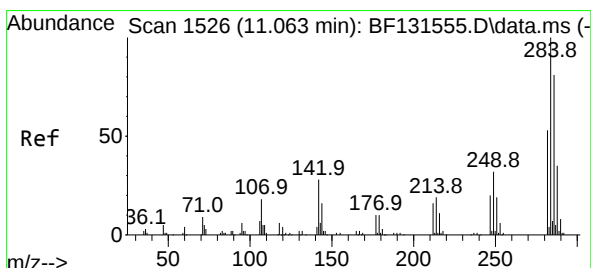
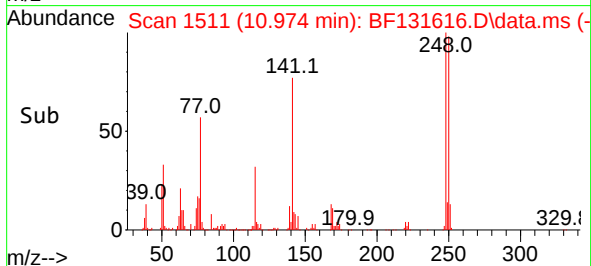
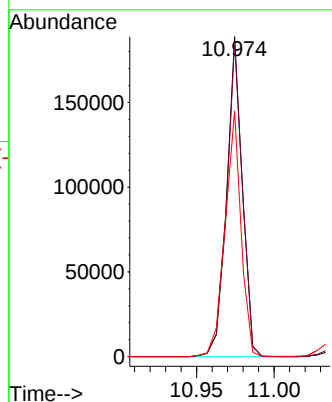
Tgt Ion:248 Resp: 134325
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.2
141 76.8 59.5 89.3

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Upadhyay

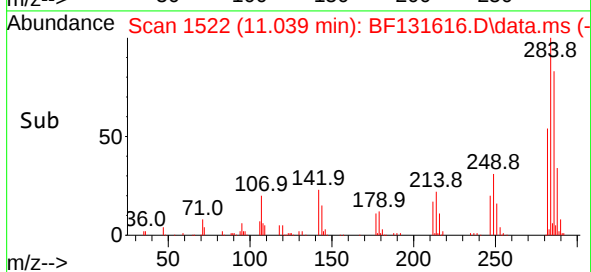
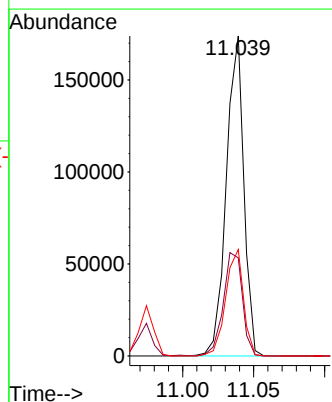
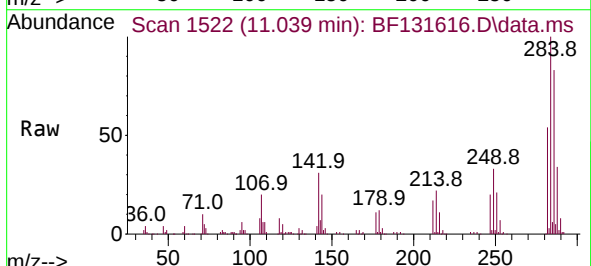
12/14/2022
Supervised By :mohammad
ahmed

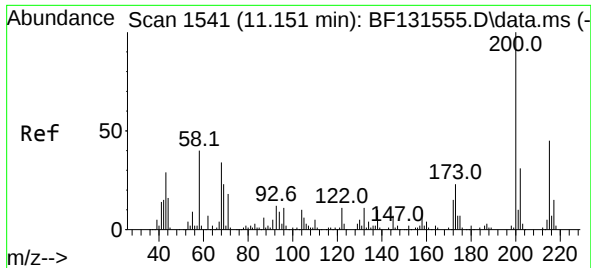
12/14/2022



#68
Hexachlorobenzene
Concen: 46.513 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

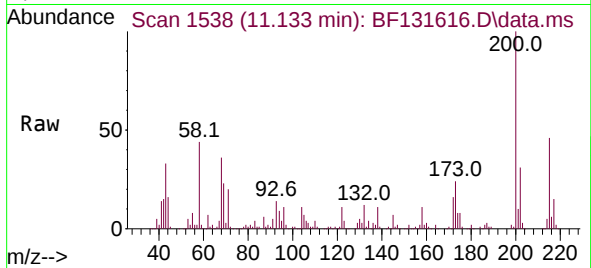
Tgt Ion:284 Resp: 149563
Ion Ratio Lower Upper
284 100
142 30.6 22.3 33.5
249 33.2 25.4 38.2





#69
Atrazine
Concen: 57.648 ng
RT: 11.133 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



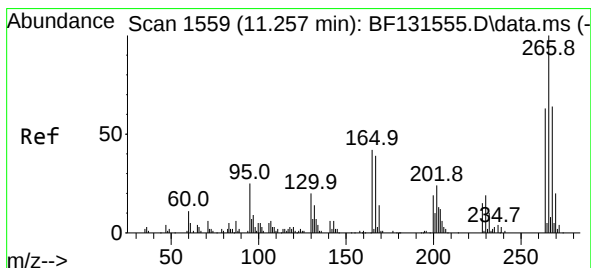
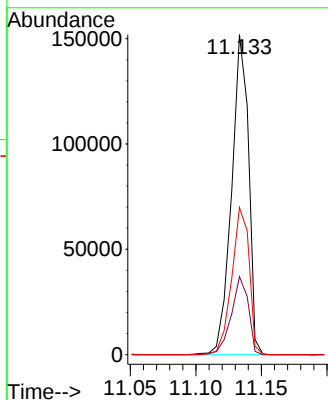
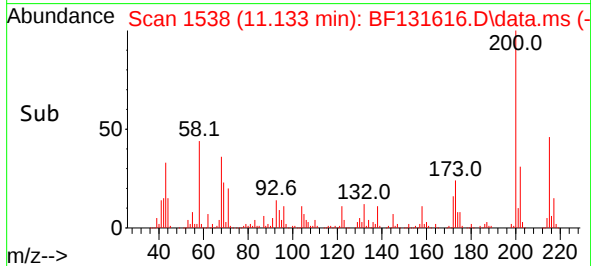
Tgt Ion:200 Resp: 136763
Ion Ratio Lower Upper
200 100
173 24.4 3.4 43.4
215 46.0 25.0 65.0

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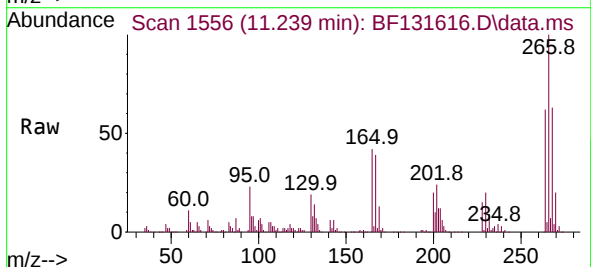
Reviewed By :Jagrut
Upadhyay

12/14/2022
Supervised By :mohammad
ahmed

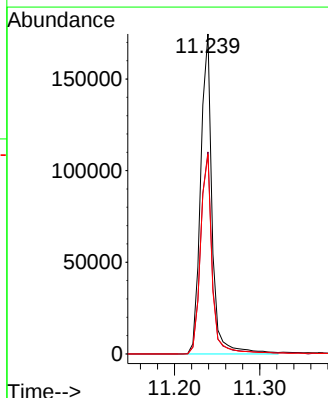
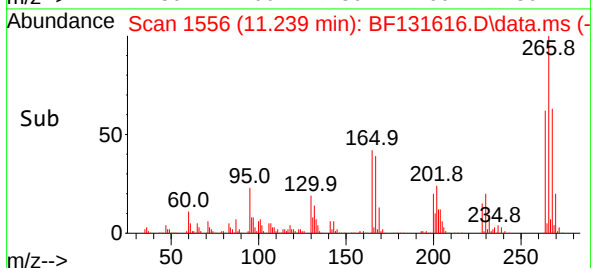
12/14/2022

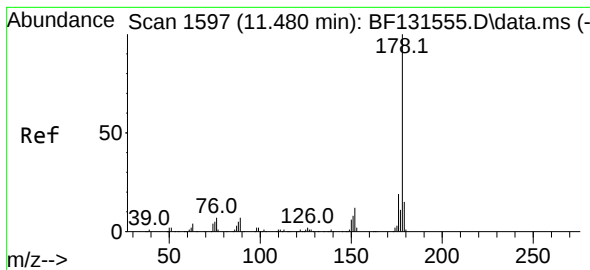


#70
Pentachlorophenol
Concen: 98.238 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



Tgt Ion:266 Resp: 162620
Ion Ratio Lower Upper
266 100
268 63.1 51.5 77.3
264 62.3 50.7 76.1





#71
Phenanthrene
Concen: 48.862 ng
RT: 11.463 min Scan# 11463
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

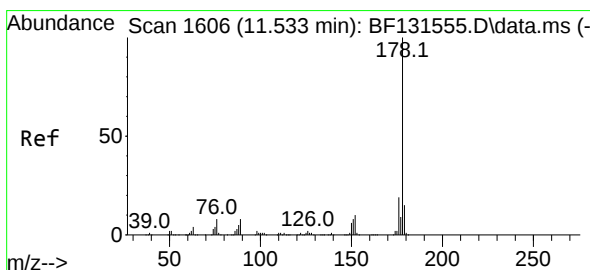
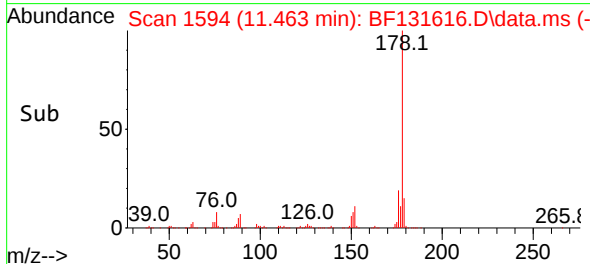
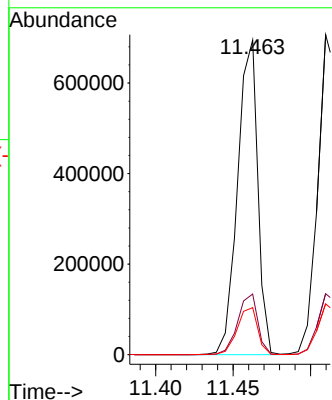
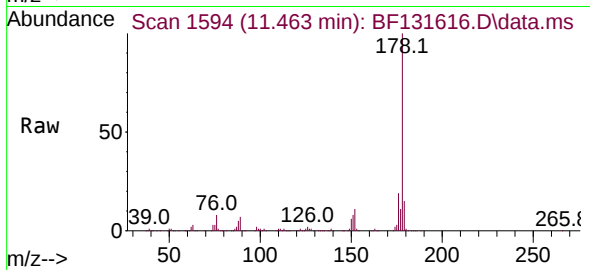
Tgt Ion:178 Resp: 629362
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 14.9 12.2 18.4

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Upadhyay

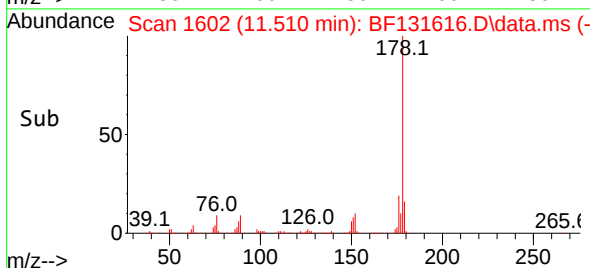
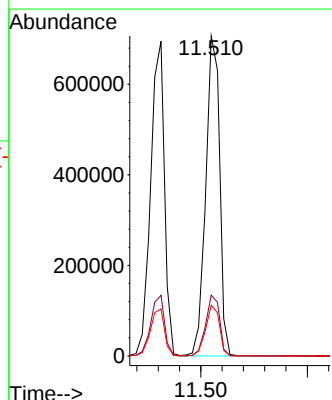
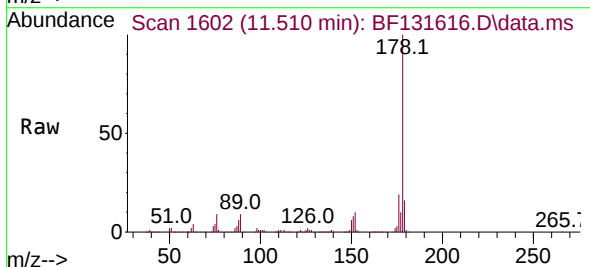
12/14/2022
Supervised By :mohammad
ahmed

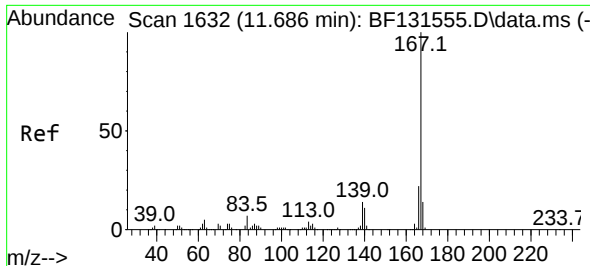
12/14/2022



#72
Anthracene
Concen: 51.073 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

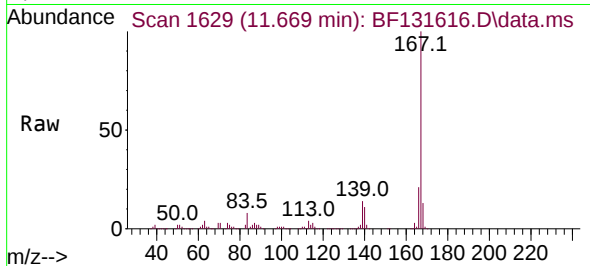
Tgt Ion:178 Resp: 640021
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.9 12.3 18.5





#73
 Carbazole
 Concen: 55.769 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01MS



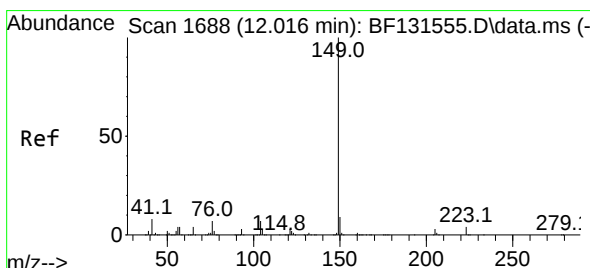
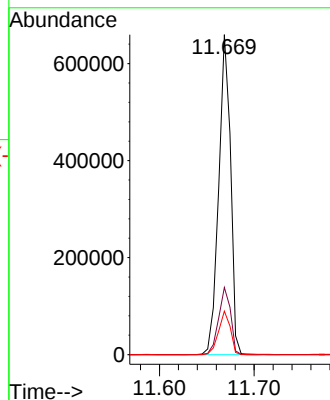
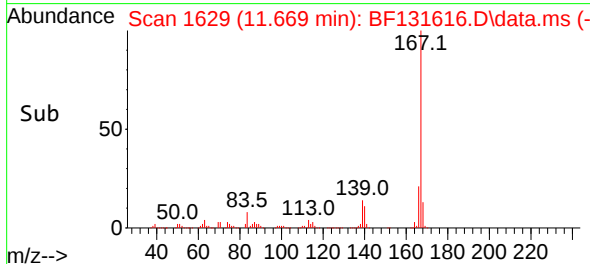
Tgt Ion:167 Resp: 57044
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 13.6 11.0 16.4

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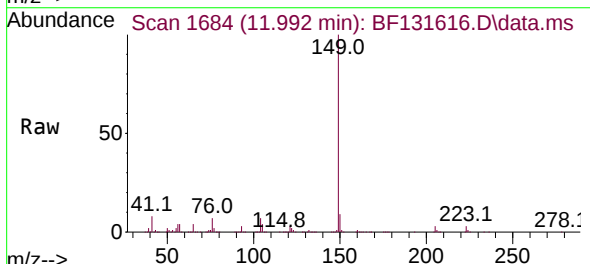
Reviewed By :Jagrut
 Upadhyay

12/14/2022
 Supervised By :mohammad
 ahmed

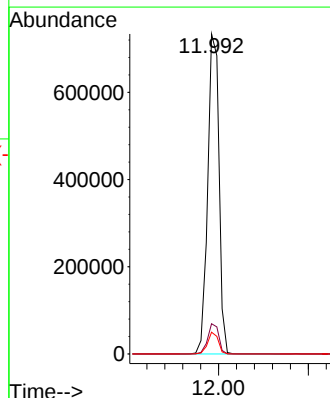
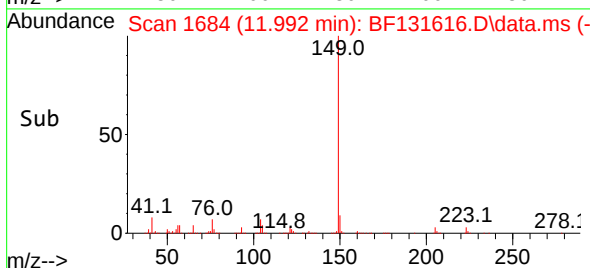
12/14/2022

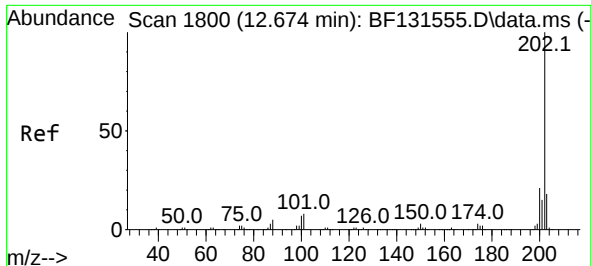


#74
 Di-n-butylphthalate
 Concen: 51.037 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.006 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12



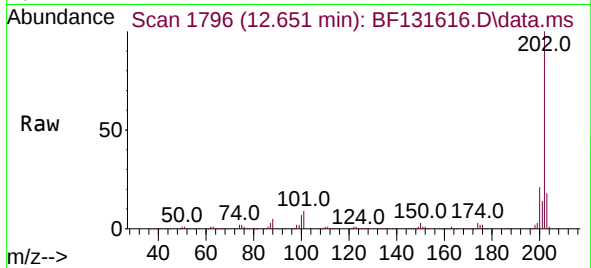
Tgt Ion:149 Resp: 640449
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 6.8 5.2 7.8





#75
Fluoranthene
Concen: 54.463 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



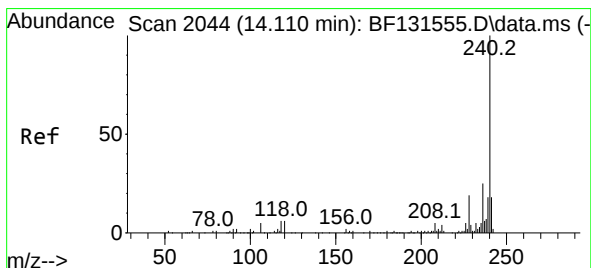
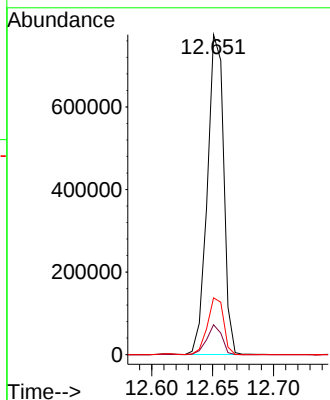
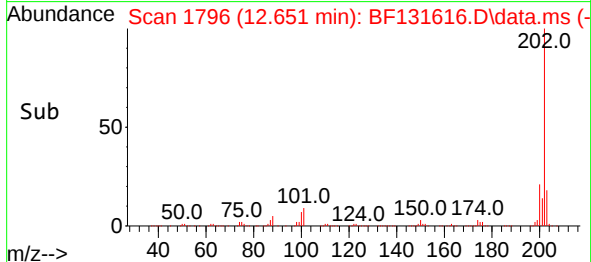
Tgt Ion:202 Resp: 722365
Ion Ratio Lower Upper
202 100
101 9.3 0.0 27.7
203 17.7 0.0 37.7

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

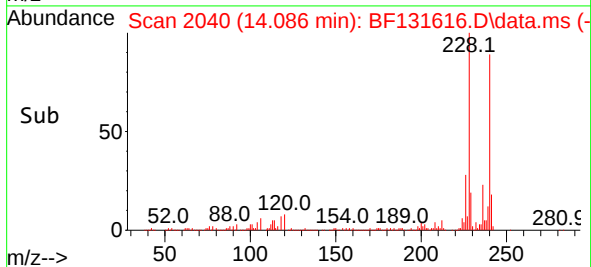
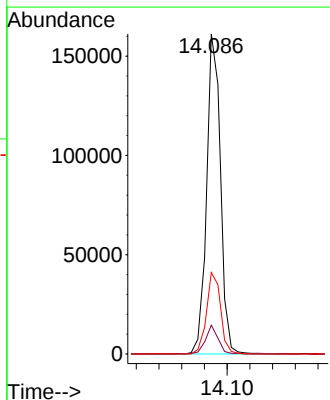
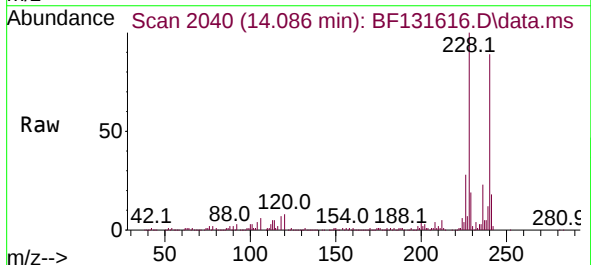
12/14/2022
Supervised By :mohammad
ahmed

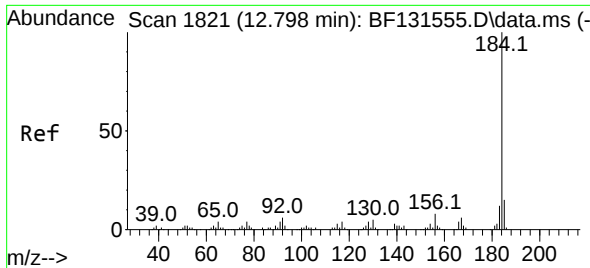
12/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

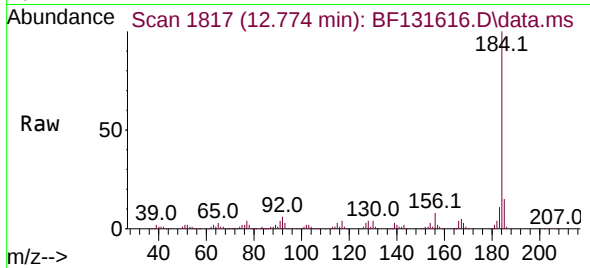
Tgt Ion:240 Resp: 136575
Ion Ratio Lower Upper
240 100
120 9.0 4.6 7.0#
236 25.4 20.2 30.2





#77
Benzidine
Concen: 37.229 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



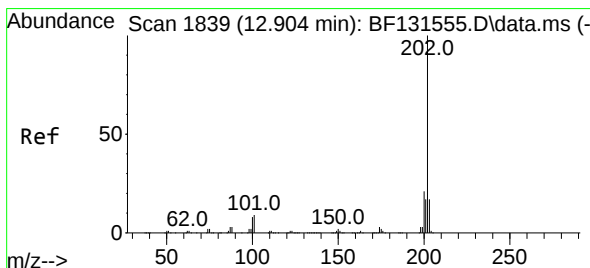
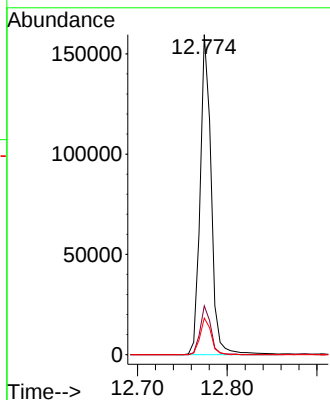
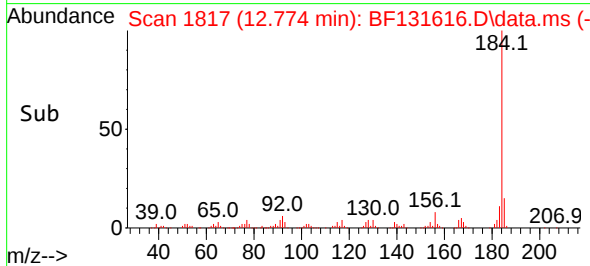
Tgt Ion:184 Resp: 136236
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 11.5 9.3 13.9

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Reviewed By :Jagrut
Upadhyay

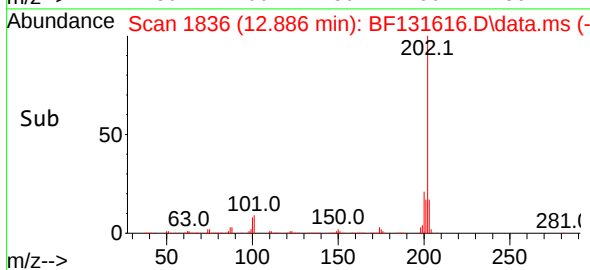
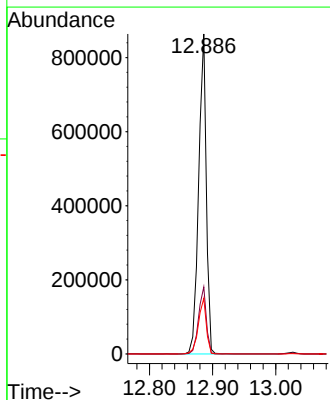
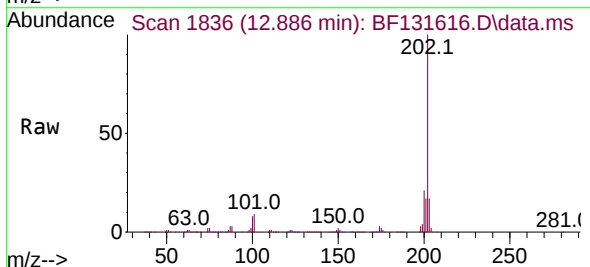
12/14/2022
Supervised By :mohammad
ahmed

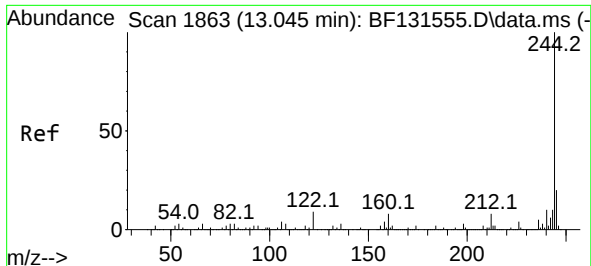
12/14/2022



#78
Pyrene
Concen: 54.067 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

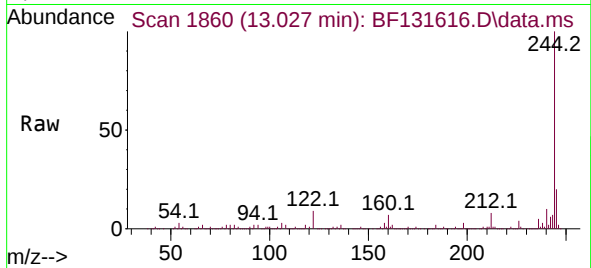
Tgt Ion:202 Resp: 728125
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.3 13.8 20.6





#79
 Terphenyl-d14
 Concen: 106.648 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01MS



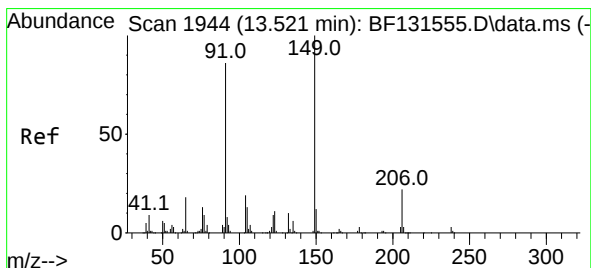
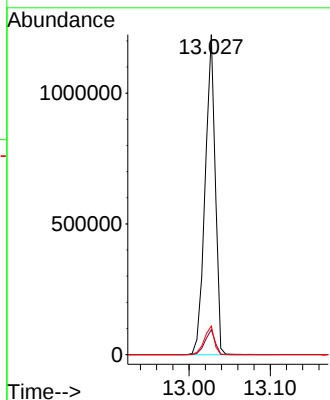
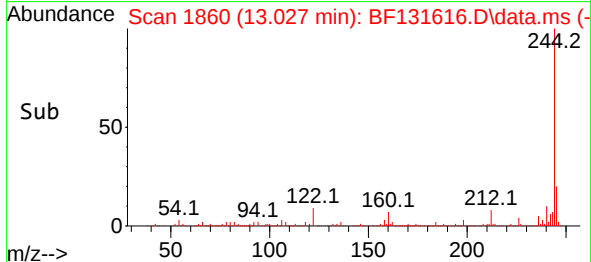
Tgt Ion:244 Resp: 1062088
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.9 7.1 10.7

Manual Integrations
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Reviewed By :Jagrut
 Upadhyay

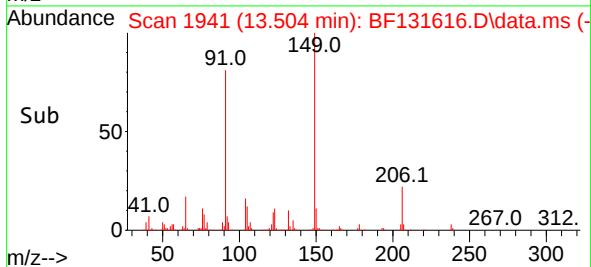
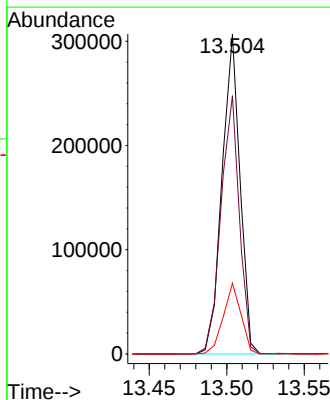
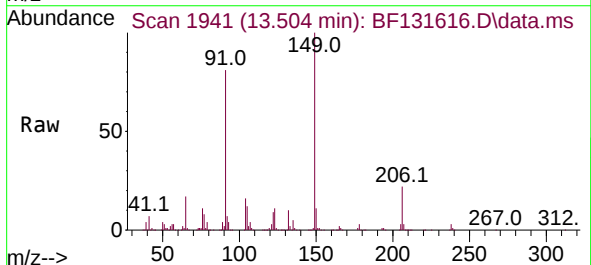
12/14/2022
 Supervised By :mohammad
 ahmed

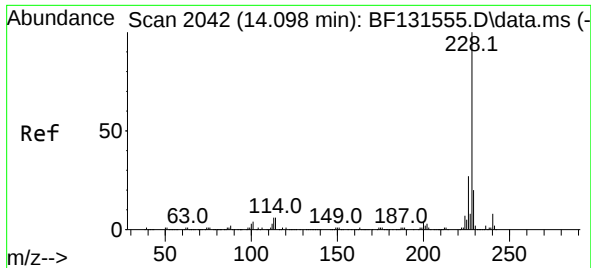
12/14/2022



#80
 Butylbenzylphthalate
 Concen: 63.637 ng
 RT: 13.504 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

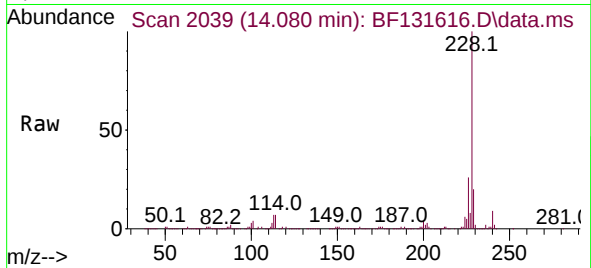
Tgt Ion:149 Resp: 248012
 Ion Ratio Lower Upper
 149 100
 91 80.7 69.0 103.4
 206 22.1 17.8 26.8





#81
Benzo(a)anthracene
Concen: 52.732 ng
RT: 14.080 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



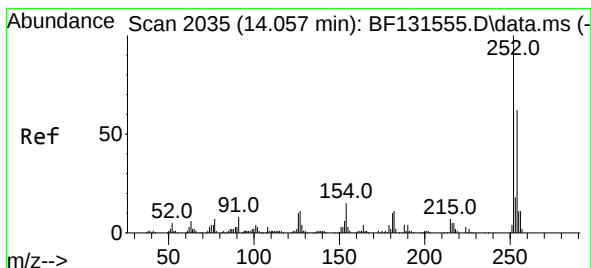
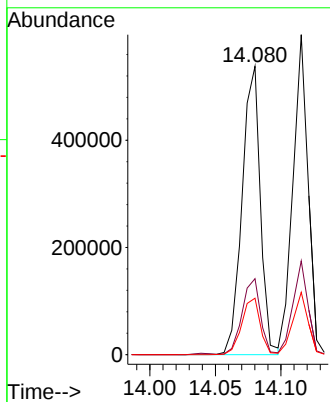
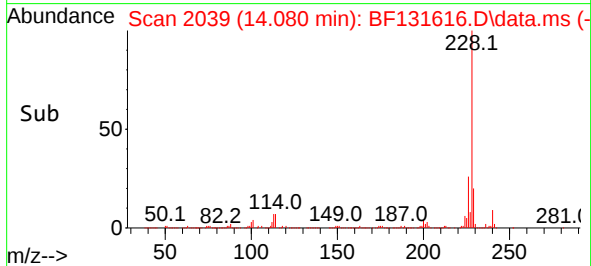
Tgt Ion:228 Resp: 52095
Ion Ratio Lower Upper
228 100
226 26.4 21.5 32.3
229 19.5 15.8 23.6

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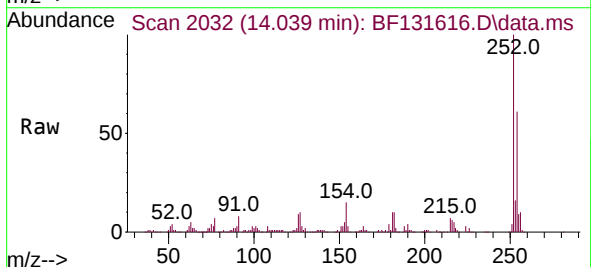
Reviewed By :Jagrut
Upadhyay

12/14/2022
Supervised By :mohammad
ahmed

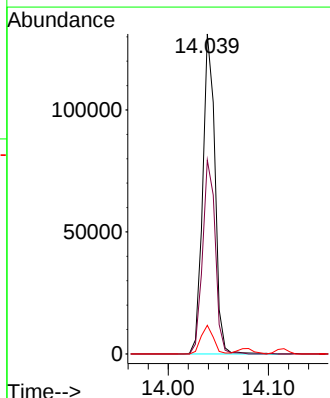
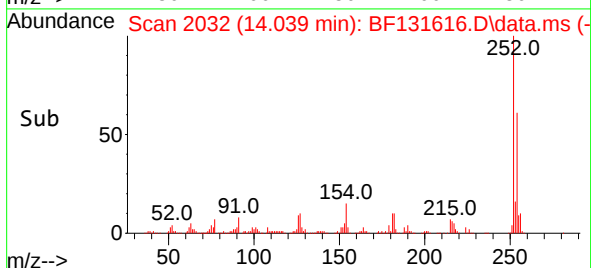
12/14/2022

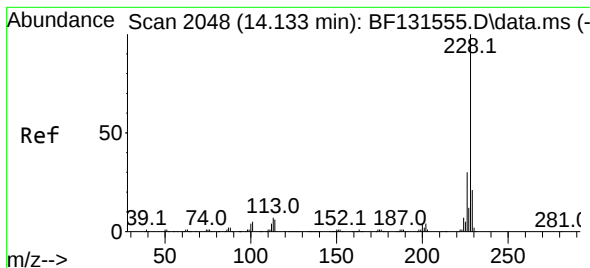


#82
3,3'-Dichlorobenzidine
Concen: 39.523 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



Tgt Ion:252 Resp: 110906
Ion Ratio Lower Upper
252 100
254 60.6 49.6 74.4
126 8.9 7.9 11.9





#83

Chrysene

Concen: 51.391 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

Tgt Ion:228 Resp: 48187

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.9	35.9
229	19.5	16.7	25.1

Manual Integrations

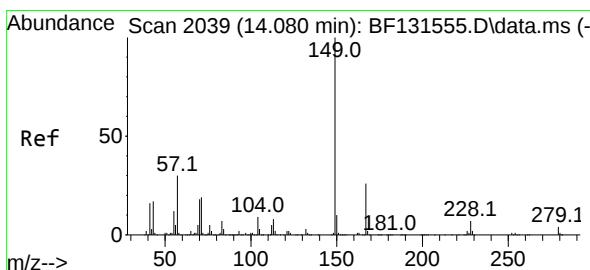
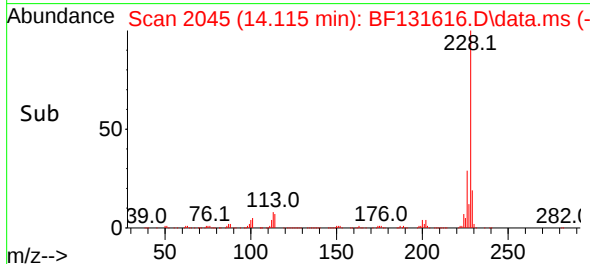
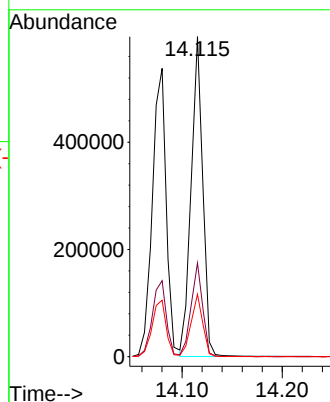
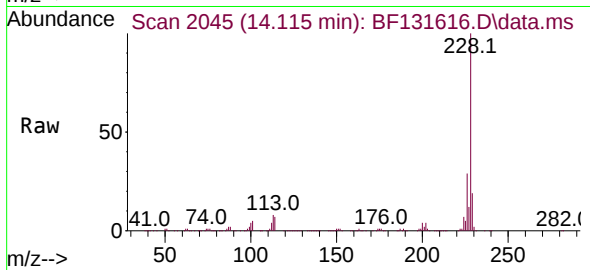
APPROVED

Reviewed By :Jagrut
Upadhyay

12/14/2022

Supervised By :mohammad
ahmed

12/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.532 ng

RT: 14.063 min Scan# 2036

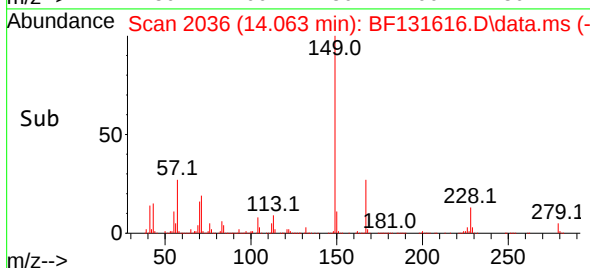
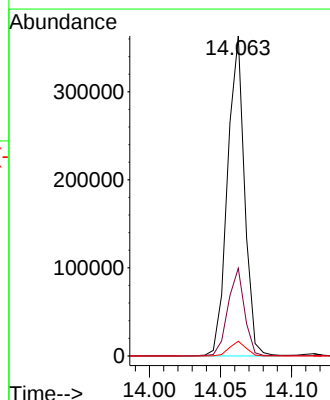
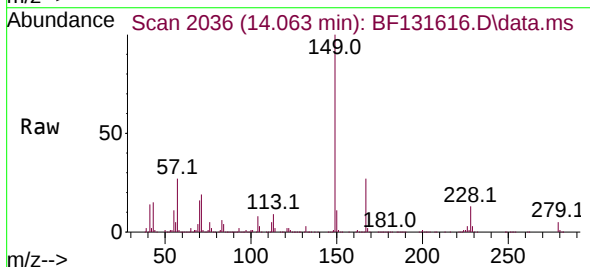
Delta R.T. 0.000 min

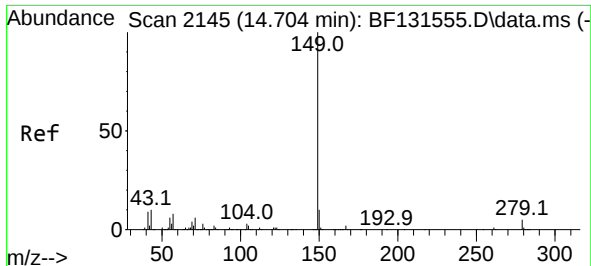
Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Tgt Ion:149 Resp: 303203

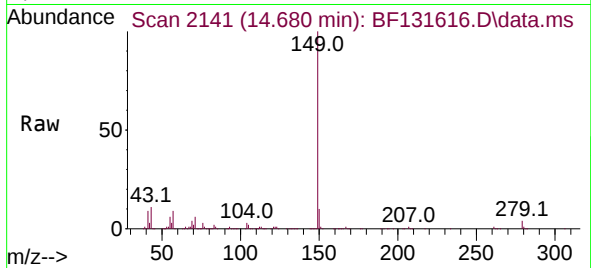
Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.8	31.2
279	4.6	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 45.499 ng
RT: 14.680 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



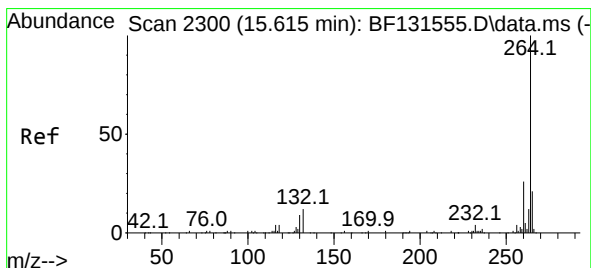
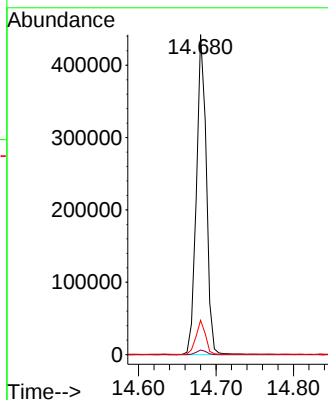
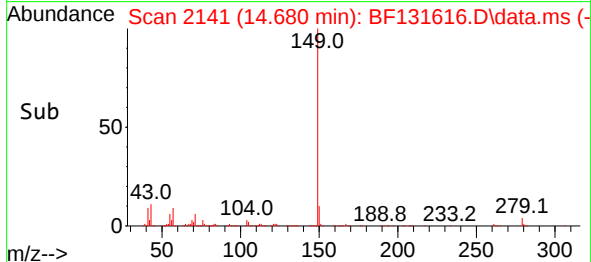
Tgt Ion:149 Resp: 393179
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.1 8.6 13.0

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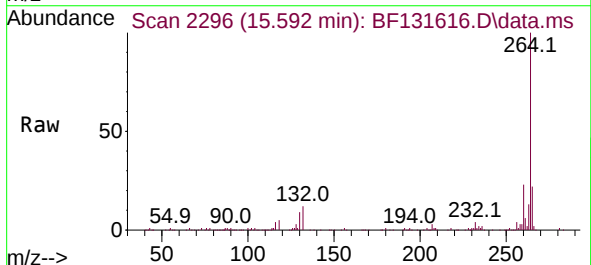
Reviewed By :Jagrut
Upadhyay

12/14/2022
Supervised By :mohammad
ahmed

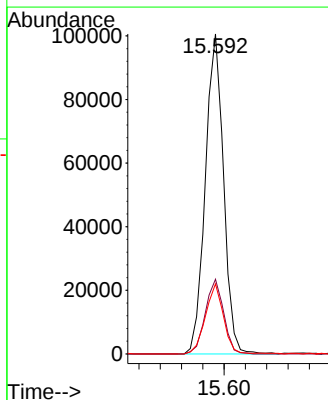
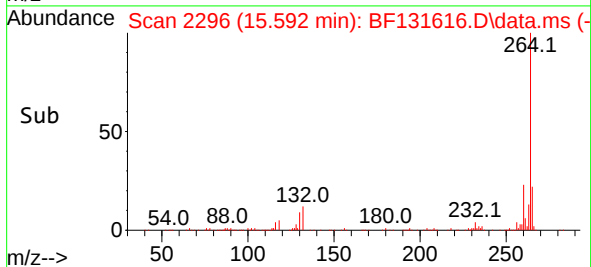
12/14/2022

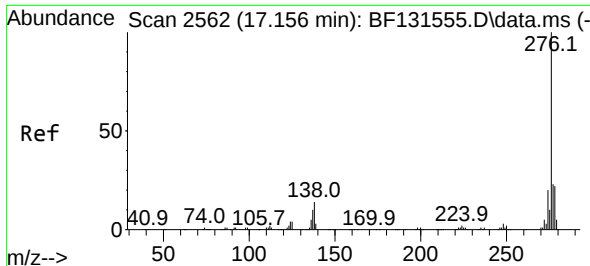


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



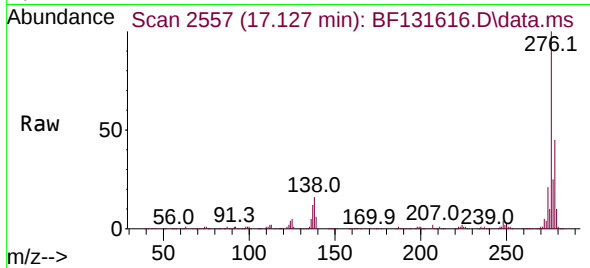
Tgt Ion:264 Resp: 119065
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 21.9 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.596 ng
RT: 17.127 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



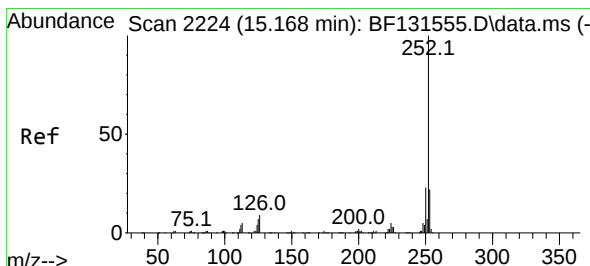
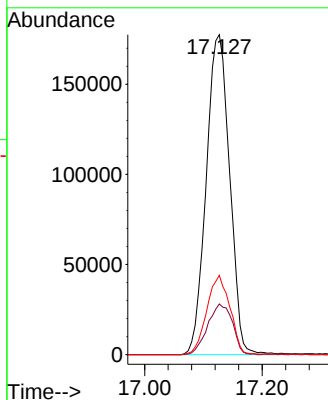
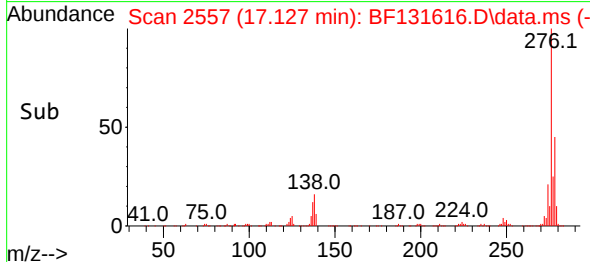
Tgt Ion:276 Resp: 49164
Ion Ratio Lower Upper
276 100
138 16.7 12.7 19.1
277 24.6 20.0 30.0

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

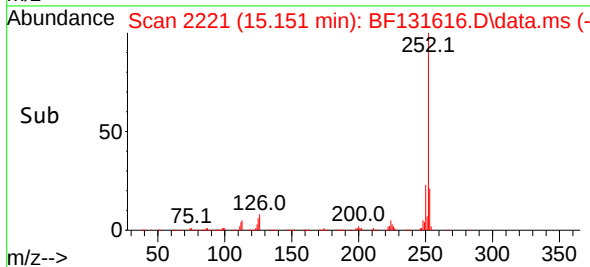
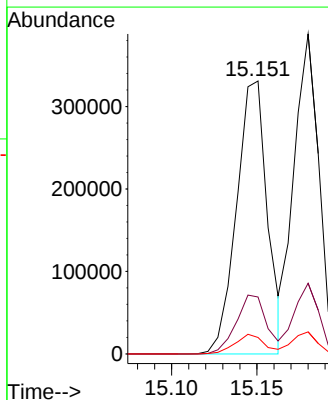
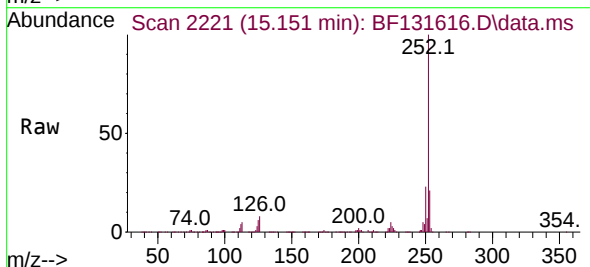
12/14/2022
Supervised By :mohammad
ahmed

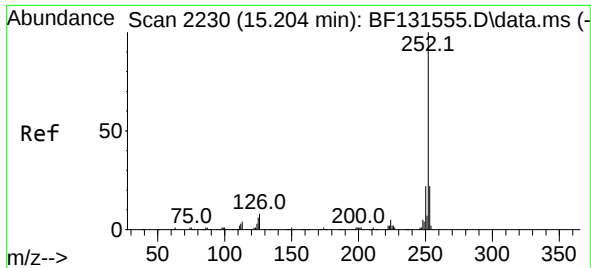
12/14/2022



#88
Benzo(b)fluoranthene
Concen: 53.037 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

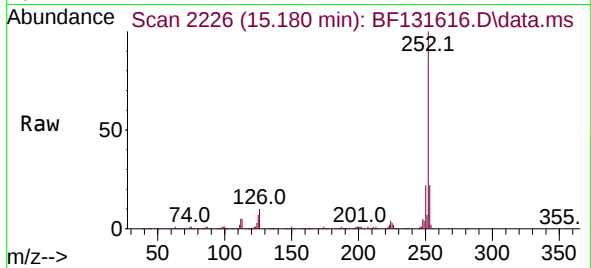
Tgt Ion:252 Resp: 416199
Ion Ratio Lower Upper
252 100
253 20.8 17.7 26.5
125 6.0 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 48.868 ng
RT: 15.180 min Scan# 221
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



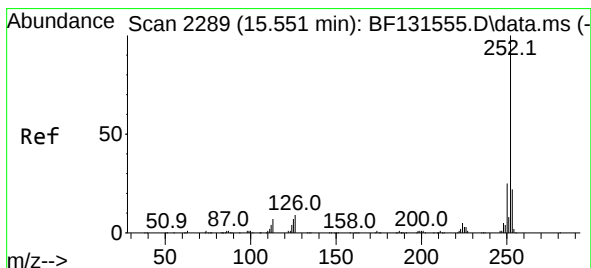
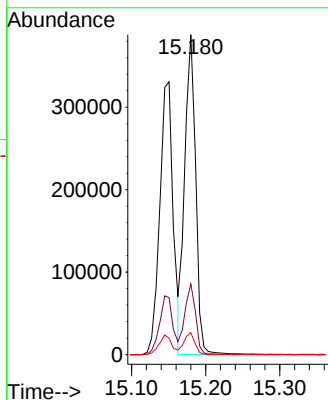
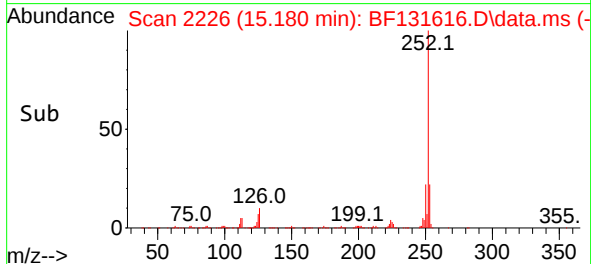
Tgt Ion:252 Resp: 400271
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 6.9 4.9 7.3

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

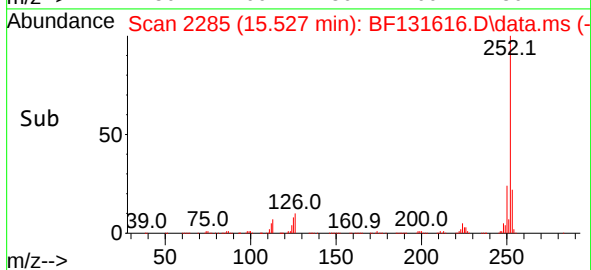
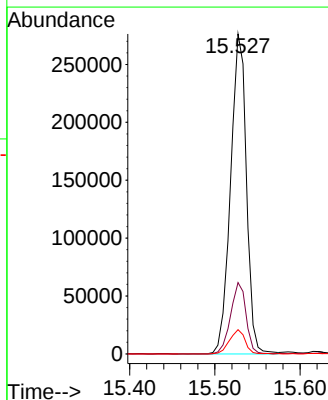
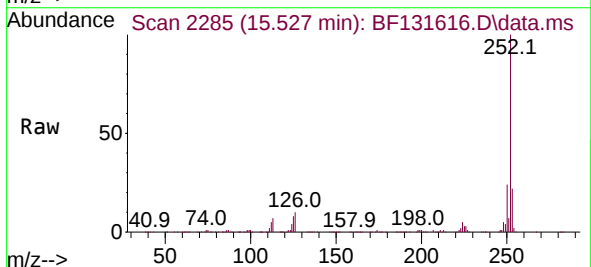
12/14/2022
Supervised By :mohammad
ahmed

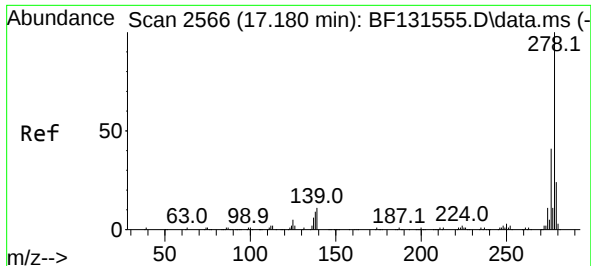
12/14/2022



#90
Benzo(a)pyrene
Concen: 53.403 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

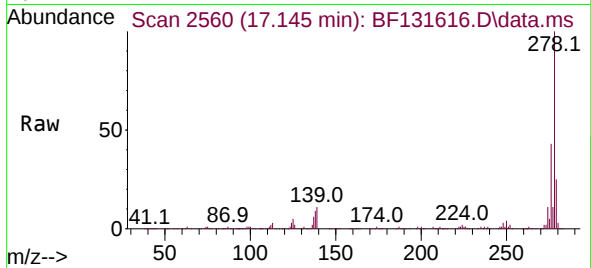
Tgt Ion:252 Resp: 357640
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 7.6 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 52.153 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



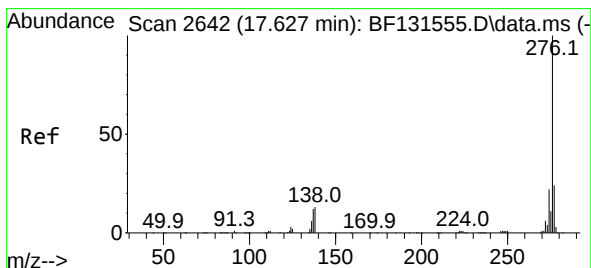
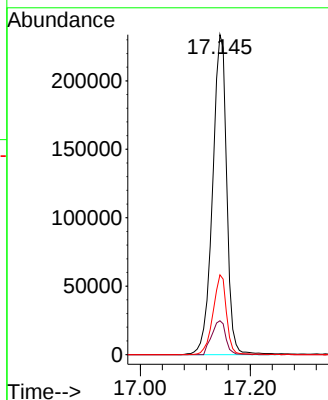
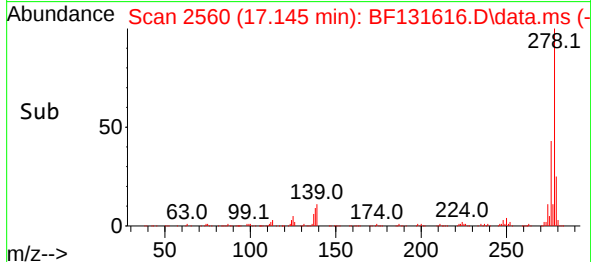
Tgt Ion: 278 Resp: 417072
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 25.0 19.0 28.6

Manual Integrations
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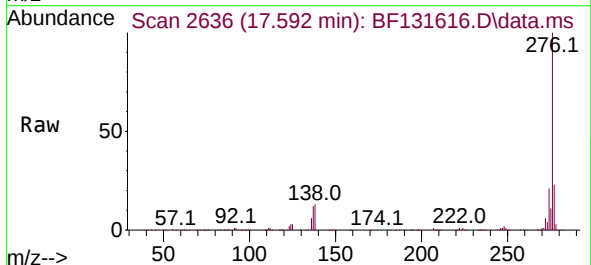
Reviewed By : Jagrut
Upadhyay

12/14/2022
Supervised By : mohammad
ahmed

12/14/2022



#92
Benzo(g,h,i)perylene
Concen: 52.474 ng
RT: 17.592 min Scan# 2636
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



Tgt Ion: 276 Resp: 421755
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 13.2 10.7 16.1

