

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130518.D
 Acq On : 04 Oct 2022 15:10
 Operator : CG\JU
 Sample : N4914-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
 Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 05 02:18:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	78388	20.000	ng	-0.01
21) Naphthalene-d8	7.922	136	297553	20.000	ng	0.00
39) Acenaphthene-d10	9.669	164	136382	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	196183	20.000	ng	-0.01
76) Chrysene-d12	13.780	240	156441	20.000	ng	-0.01
86) Perylene-d12	15.168	264	186083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	683641	151.267	ng	0.01
7) Phenol-d6	6.287	99	756298	133.743	ng	0.00
23) Nitrobenzene-d5	7.204	82	583887	100.251	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	206514	158.030	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	1003161	107.110	ng	-0.01
79) Terphenyl-d14	12.733	244	812348	86.016	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.404	88	143240	69.011	ng	# 84
3) Pyridine	3.063	79	323268	59.705	ng	93
4) n-Nitrosodimethylamine	2.993	42	144796	49.170	ng	89
6) Aniline	6.304	93	117570	16.874	ng	# 1
8) 2-Chlorophenol	6.422	128	275219	53.459	ng	98
9) Benzaldehyde	6.187	77	88632	23.399	ng	92
10) Phenol	6.304	94	836263	126.191	ng	99
11) bis(2-Chloroethyl)ether	6.381	93	269955	56.477	ng	94
12) 1,3-Dichlorobenzene	6.575	146	295048	52.085	ng	98
13) 1,4-Dichlorobenzene	6.651	146	300546	52.027	ng	99
14) 1,2-Dichlorobenzene	6.804	146	289183	53.588	ng	97
15) Benzyl Alcohol	6.792	79	195651	43.638	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.922	45	343260	49.237	ng	72
17) 2-Methylphenol	6.910	107	339860	81.208	ng	95
18) Hexachloroethane	7.139	117	118659	52.110	ng	96
19) n-Nitroso-di-n-propyla...	7.063	70	191781	50.260	ng	93
20) 3+4-Methylphenols	7.069	107	593863	109.234	ng	# 54
22) Acetophenone	7.051	105	405225	55.703	ng	# 91
24) Nitrobenzene	7.222	77	300785	50.861	ng	98
25) Isophorone	7.469	82	526324	56.067	ng	100
26) 2-Nitrophenol	7.539	139	143810	59.320	ng	90
27) 2,4-Dimethylphenol	7.592	122	322028	86.270	ng	96
28) bis(2-Chloroethoxy)met...	7.681	93	347994	65.835	ng	97
29) 2,4-Dichlorophenol	7.792	162	208281	50.917	ng	96
30) 1,2,4-Trichlorobenzene	7.863	180	230798	52.187	ng	96
31) Naphthalene	7.951	128	5483160	357.685	ng	97
32) Benzoic acid	7.728	122	218908	75.834	ng	# 33
33) 4-Chloroaniline	7.998	127	63116	10.826	ng	99
34) Hexachlorobutadiene	8.057	225	145577	51.506	ng	100
35) Caprolactam	8.381	113	45656	38.933	ng	90
36) 4-Chloro-3-methylphenol	8.492	107	210412	46.407	ng	99
37) 2-Methylnaphthalene	8.633	142	751606	76.899	ng	99
38) 1-Methylnaphthalene	8.728	142	662492	70.558	ng	98
40) 1,2,4,5-Tetrachloroben...	8.798	216	219936	59.092	ng	97
41) Hexachlorocyclopentadiene	8.781	237	181240	90.952	ng	99
43) 2,4,6-Trichlorophenol	8.916	196	131985	50.811	ng	97

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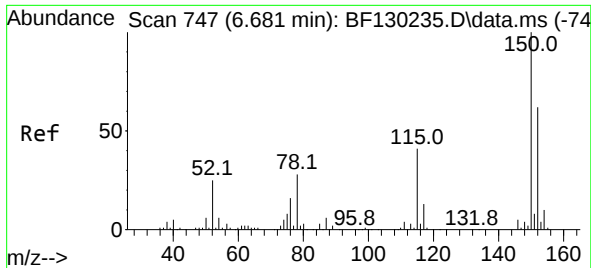
Manual Integrations
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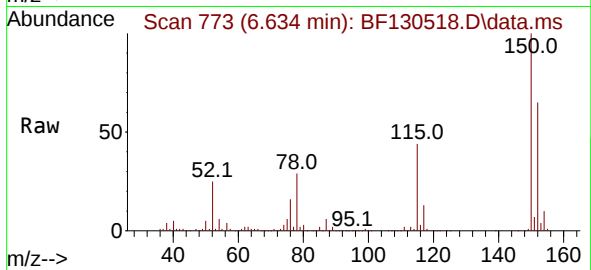
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.963	196	139414	49.736	ng	97
46) 1,1'-Biphenyl	9.098	154	624500	61.312	ng	98
47) 2-Chloronaphthalene	9.116	162	453325	55.018	ng	99
48) 2-Nitroaniline	9.222	65	126997	46.212	ng	95
49) Acenaphthylene	9.528	152	839104	67.922	ng	100
50) Dimethylphthalate	9.404	163	478628	50.806	ng	99
51) 2,6-Dinitrotoluene	9.463	165	102478	52.013	ng	96
52) Acenaphthene	9.698	154	409983	50.510	ng	99
53) 3-Nitroaniline	9.633	138	36852	16.786	ng	94
54) 2,4-Dinitrophenol	9.745	184	94999	88.191	ng	91
55) Dibenzofuran	9.875	168	643189	56.970	ng	97
56) 4-Nitrophenol	9.816	139	111858	69.954	ng	84
57) 2,4-Dinitrotoluene	9.869	165	128080	50.866	ng	94
58) Fluorene	10.216	166	524168	56.770	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.998	232	100506	45.810	ng	95
60) Diethylphthalate	10.098	149	458584	48.542	ng	99
61) 4-Chlorophenyl-phenyle...	10.210	204	213396	52.685	ng	99
62) 4-Nitroaniline	10.245	138	86280m	39.122	ng	
63) Azobenzene	10.369	77	452797	46.547	ng	96
65) 4,6-Dinitro-2-methylph...	10.275	198	60675	55.559	ng	89
66) n-Nitrosodiphenylamine	10.333	169	370328	56.488	ng	98
67) 4-Bromophenyl-phenylether	10.698	248	130580	60.336	ng	94
68) Hexachlorobenzene	10.757	284	144364	58.845	ng	98
69) Atrazine	10.863	200	86684	45.245	ng	98
70) Pentachlorophenol	10.963	266	121392	92.198	ng	98
71) Phenanthrene	11.174	178	710585	64.513	ng	100
72) Anthracene	11.222	178	613832	57.749	ng	99
73) Carbazole	11.386	167	716144	74.655	ng	99
74) Di-n-butylphthalate	11.716	149	650427	56.227	ng	99
75) Fluoranthene	12.357	202	575018	54.026	ng	97
77) Benzidine	12.486	184	43863	9.659	ng	97
78) Pyrene	12.580	202	581653	42.501	ng	99
80) Butylbenzylphthalate	13.210	149	258849	51.056	ng	97
81) Benzo(a)anthracene	13.768	228	551681	53.009	ng	99
82) 3,3'-Dichlorobenzidine	13.739	252	97673	34.477	ng	99
83) Chrysene	13.804	228	533852	54.024	ng	99
84) Bis(2-ethylhexyl)phtha...	13.768	149	360650	62.103	ng	99
85) Di-n-octyl phthalate	14.380	149	646423	72.777	ng	97
87) Indeno(1,2,3-cd)pyrene	16.492	276	689145	52.224	ng	100
88) Benzo(b)fluoranthene	14.780	252	716687	59.008	ng	100
89) Benzo(k)fluoranthene	14.810	252	581037	48.632	ng	99
90) Benzo(a)pyrene	15.115	252	564232	58.639	ng	98
91) Dibenzo(a,h)anthracene	16.504	278	608254	56.188	ng	98
92) Benzo(g,h,i)perylene	16.892	276	562009	51.538	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

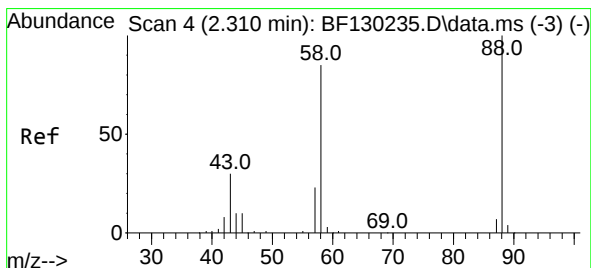
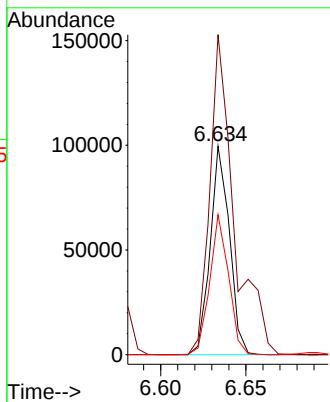
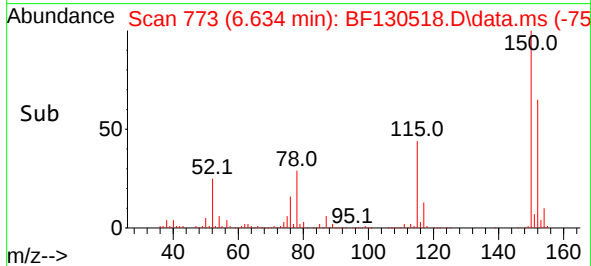
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:152 Resp: 7838
Ion Ratio Lower Upper
152 100
150 153.4 122.8 184.2
115 67.2 53.8 80.8

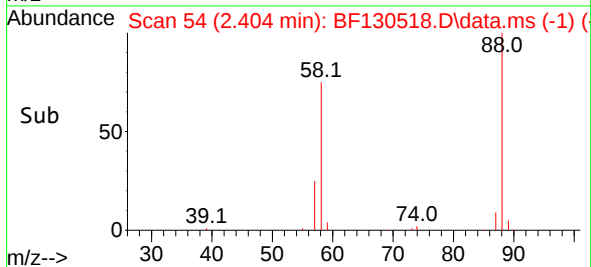
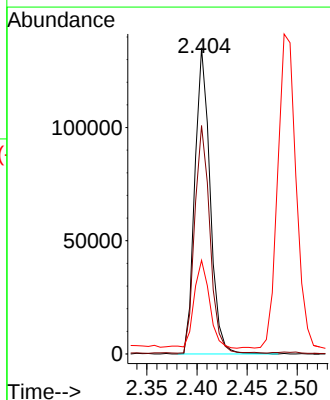
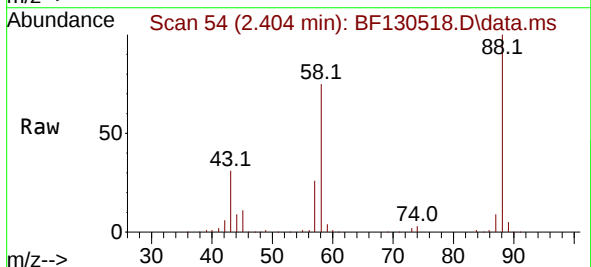
Manual Integrations
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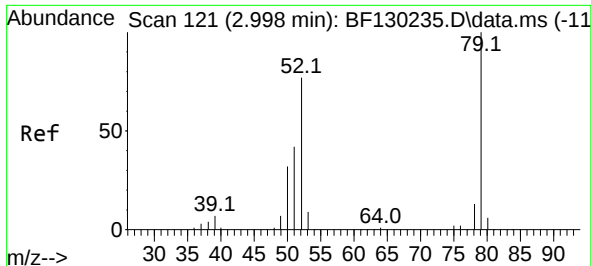
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#2
1,4-Dioxane
Concen: 69.011 ng
RT: 2.404 min Scan# 54
Delta R.T. 0.141 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 88 Resp: 143240
Ion Ratio Lower Upper
88 100
58 74.6 61.3 91.9
43 0.0 23.0 34.6#





#3

Pyridine

Concen: 59.705 ng

RT: 3.063 min Scan# 1

Delta R.T. 0.124 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

S1MSD

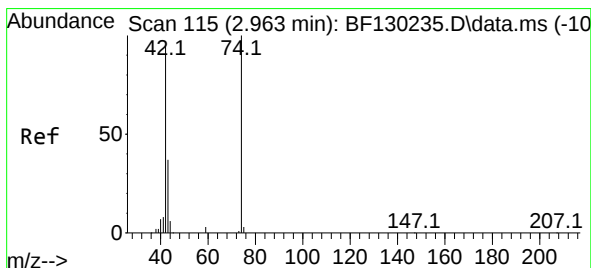
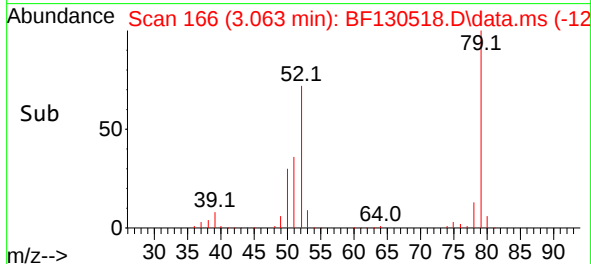
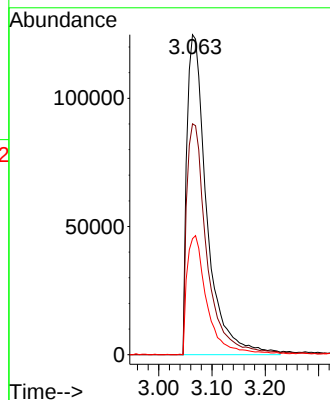
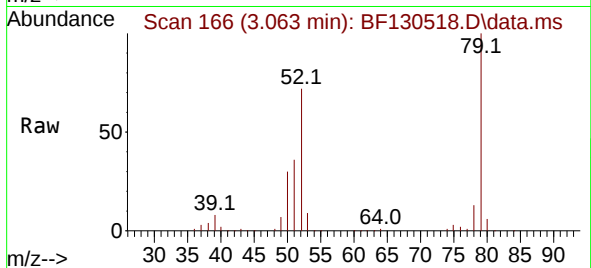
Tgt Ion: 79 Resp: 32326

Ion	Ratio	Lower	Upper
79	100		
52	72.2	62.4	93.6
51	36.2	32.2	48.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 49.170 ng

RT: 2.993 min Scan# 154

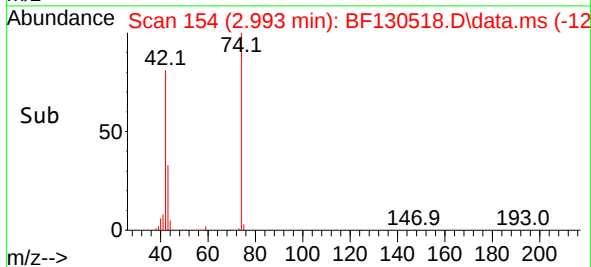
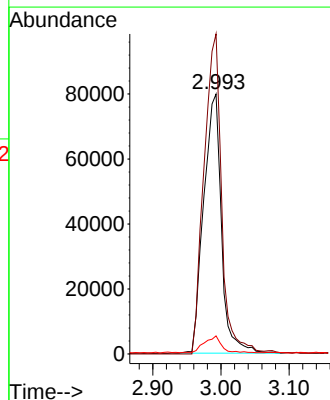
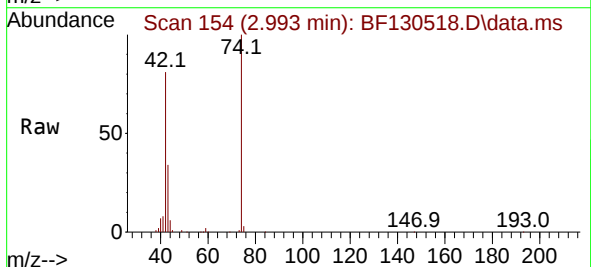
Delta R.T. 0.088 min

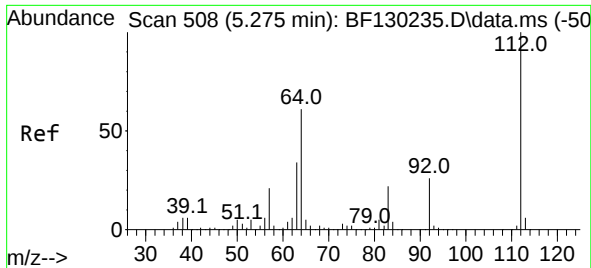
Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Tgt Ion: 42 Resp: 144796

Ion	Ratio	Lower	Upper
42	100		
74	123.1	88.4	132.6
44	7.0	5.0	7.4





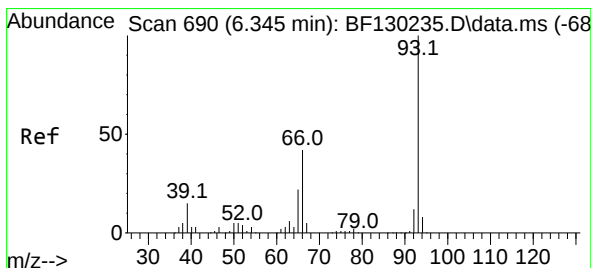
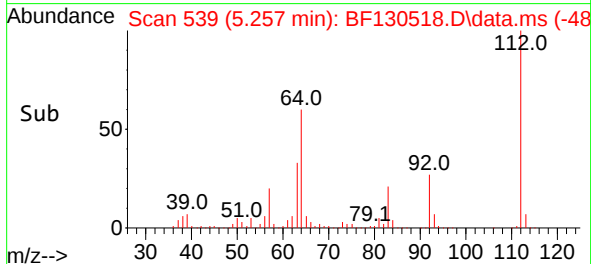
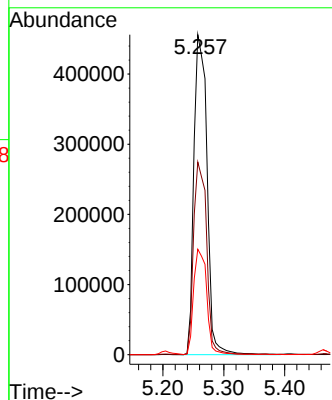
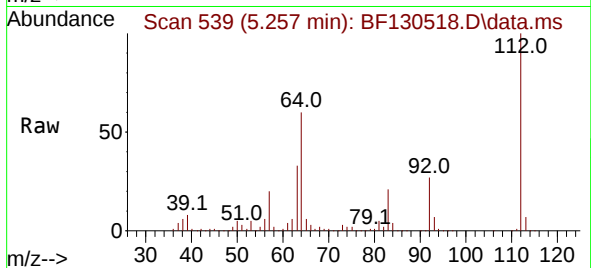
#5
2-Fluorophenol
Concen: 151.267 ng
RT: 5.257 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:112 Resp: 68364
Ion Ratio Lower Upper
112 100
64 60.2 51.4 77.0
63 33.0 28.8 43.2

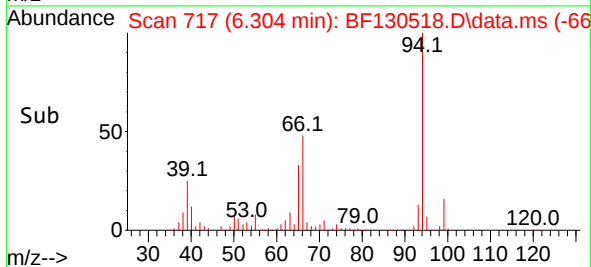
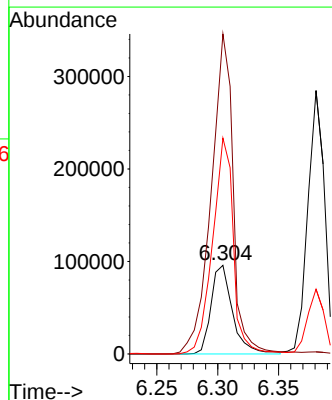
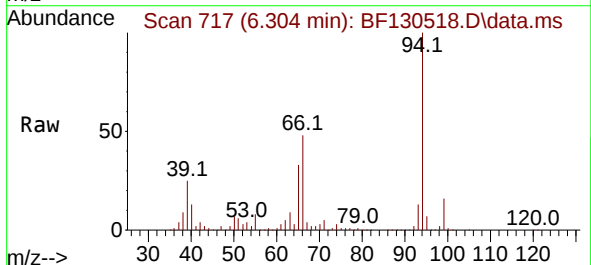
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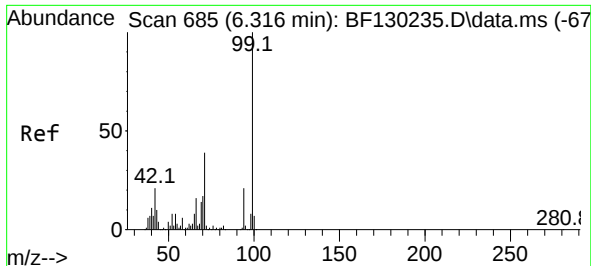
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#6
Aniline
Concen: 16.874 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

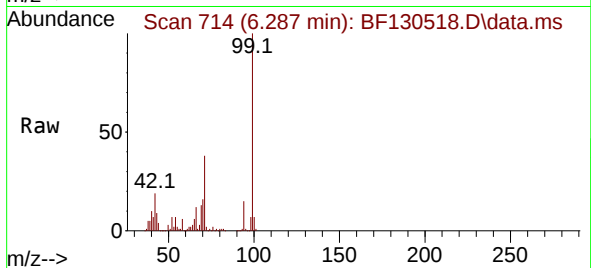
Tgt Ion: 93 Resp: 117570
Ion Ratio Lower Upper
93 100
66 360.9 34.2 51.4#
65 243.4 16.6 24.8#





#7
Phenol-d6
Concen: 133.743 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

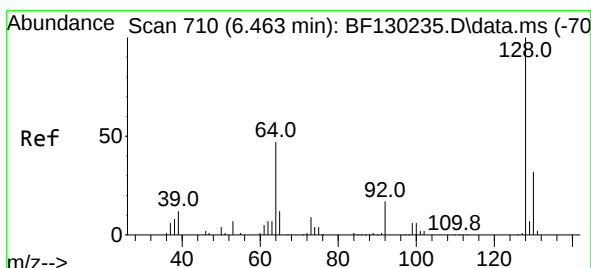
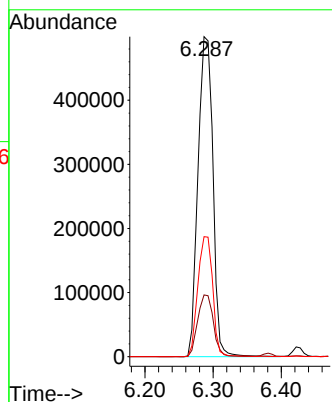
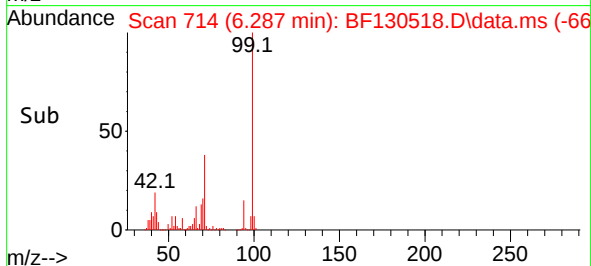
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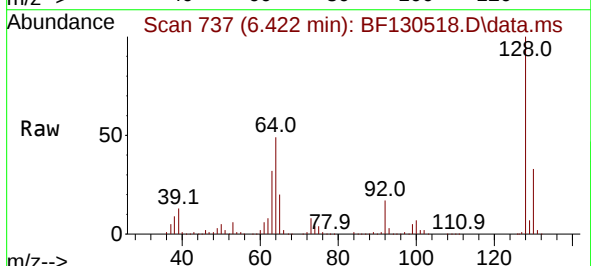
Tgt Ion: 99 Resp: 756298
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 37.5 32.3 48.5

Manual Integrations
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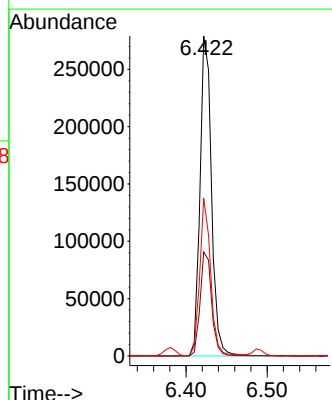
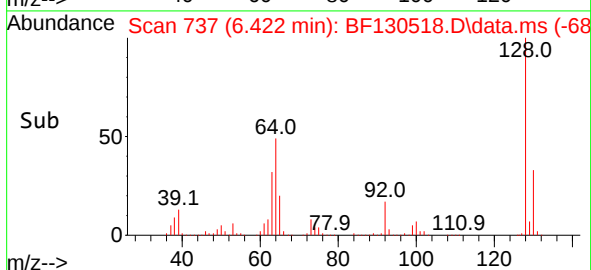
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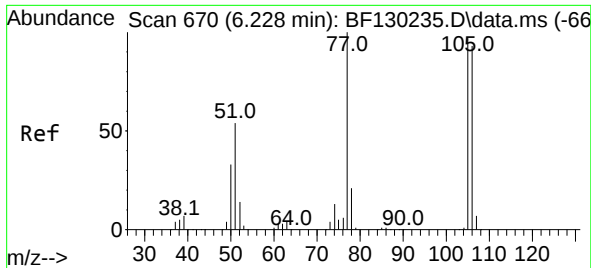


#8
2-Chlorophenol
Concen: 53.459 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



Tgt Ion:128 Resp: 275219
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 49.3 31.6 71.6





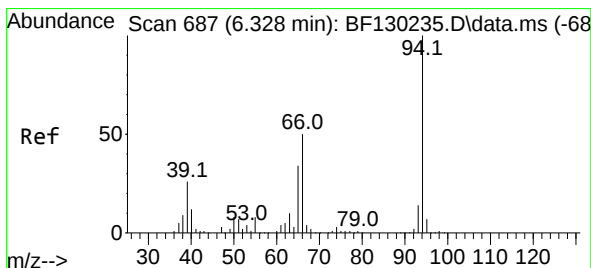
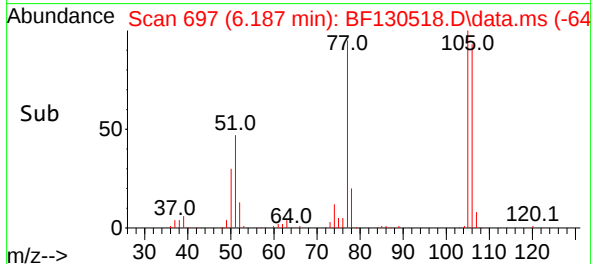
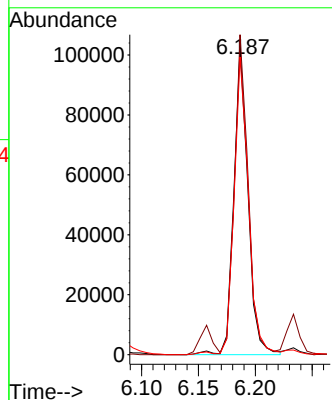
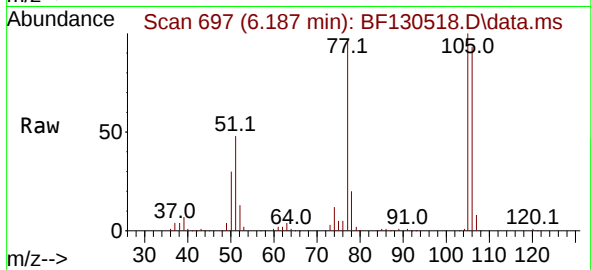
#9
Benzaldehyde
Concen: 23.399 ng
RT: 6.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion: 77 Resp: 8863
Ion Ratio Lower Upper
77 100
105 103.8 75.1 115.1
106 96.5 69.7 109.7

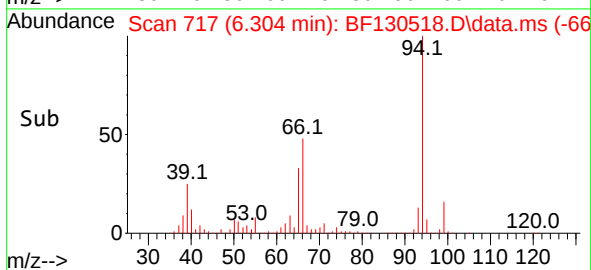
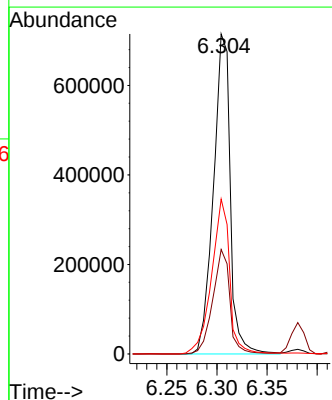
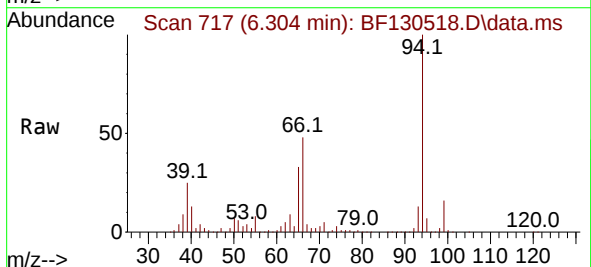
Manual Integrations
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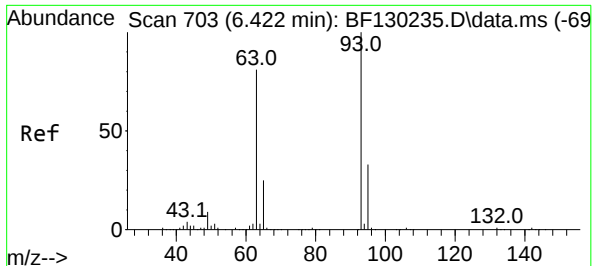
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#10
Phenol
Concen: 126.191 ng
RT: 6.304 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 94 Resp: 836263
Ion Ratio Lower Upper
94 100
65 32.6 14.1 54.1
66 48.4 28.1 68.1





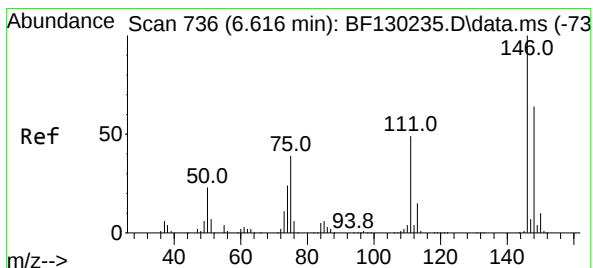
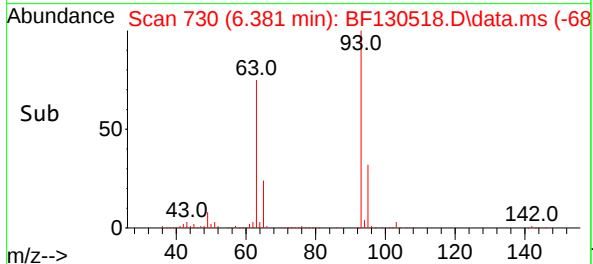
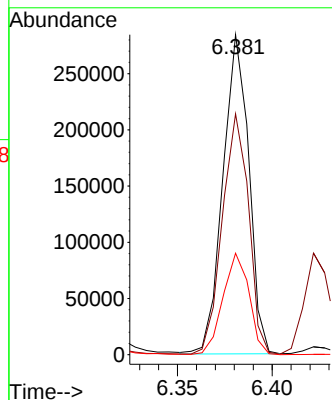
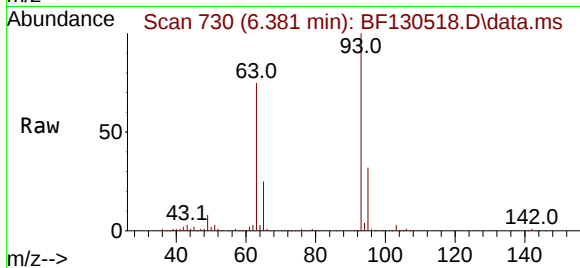
#11
bis(2-Chloroethyl)ether
Concen: 56.477 ng
RT: 6.381 min Scan# 703
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion: 93 Resp: 26995
Ion Ratio Lower Upper
93 100
63 75.2 62.5 102.5
95 31.7 12.5 52.5

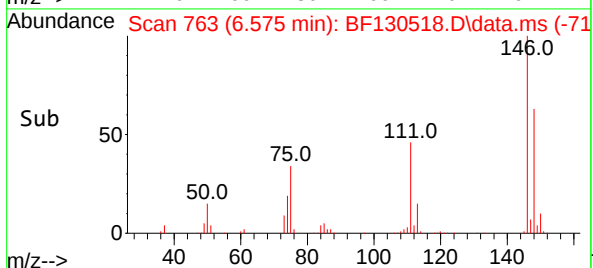
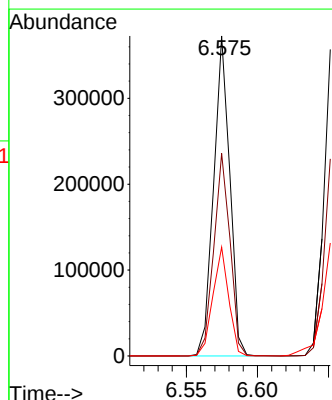
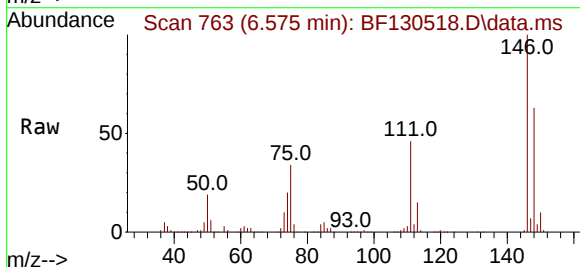
Manual Integrations
APPROVED

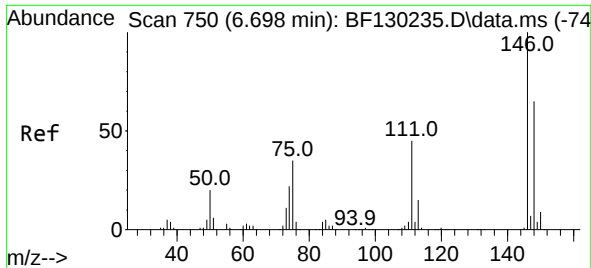
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#12
1,3-Dichlorobenzene
Concen: 52.085 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion:146 Resp: 295048
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
75 34.0 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 52.027 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

S1MSD

Tgt Ion:146 Resp: 300540

Ion Ratio Lower Upper

146 100

148 64.3 50.3 75.5

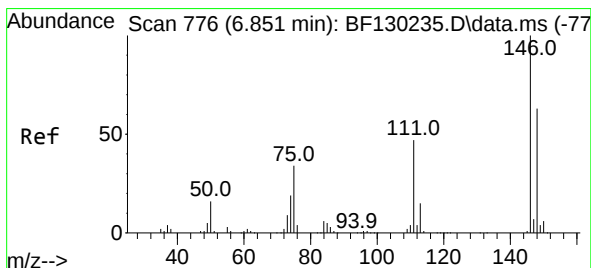
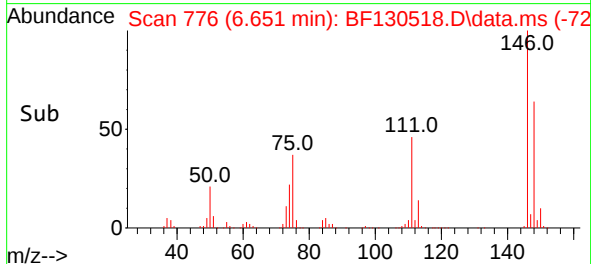
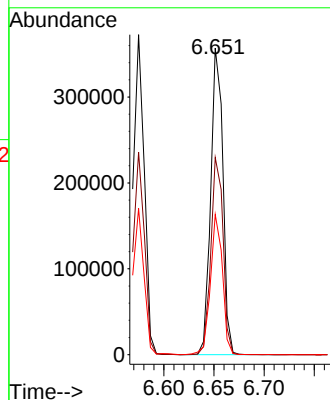
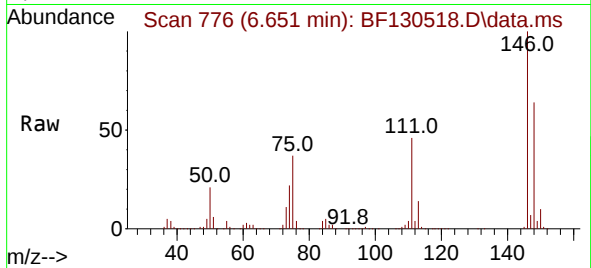
111 45.7 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022

Supervised By :mohammad ahmed 10/06/2022



#14

1,2-Dichlorobenzene

Concen: 53.588 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.012 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

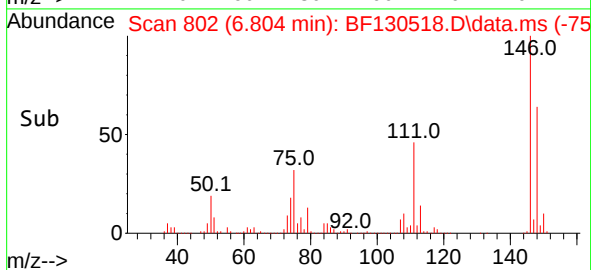
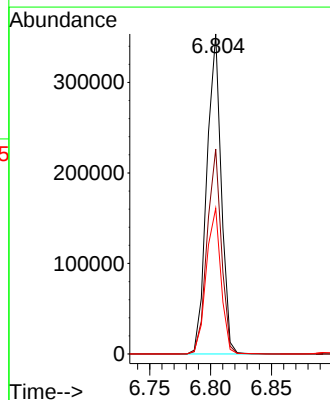
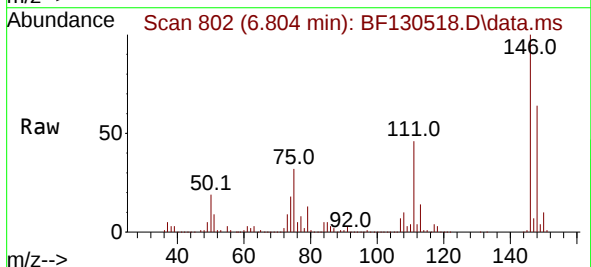
Tgt Ion:146 Resp: 289183

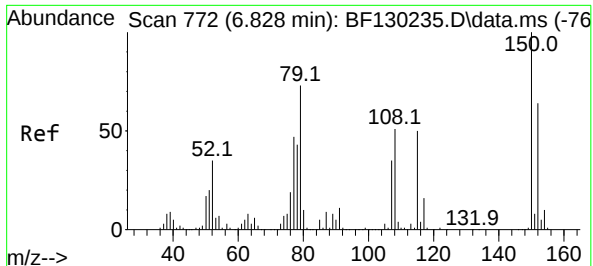
Ion Ratio Lower Upper

146 100

148 64.0 51.6 77.4

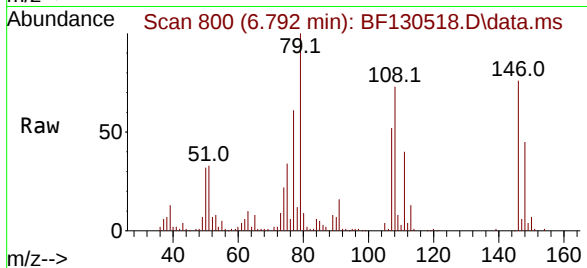
111 45.5 39.2 58.8





#15
Benzyl Alcohol
Concen: 43.638 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

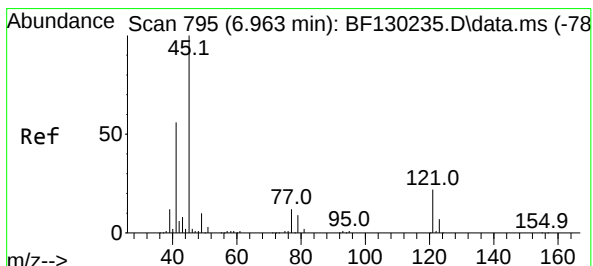
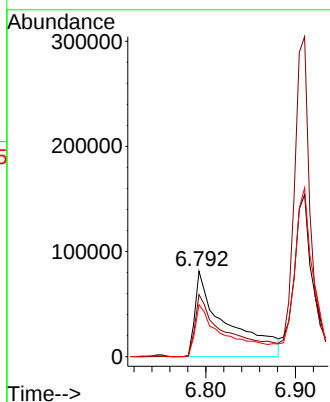
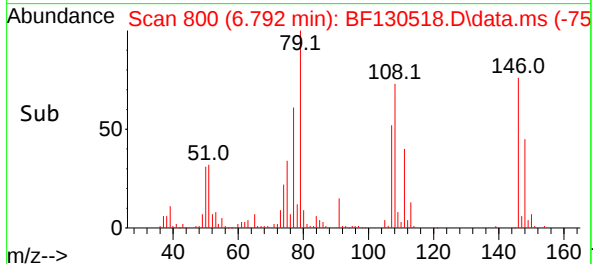
Instrument :
BNA_F
ClientSampleId :
S1MSD



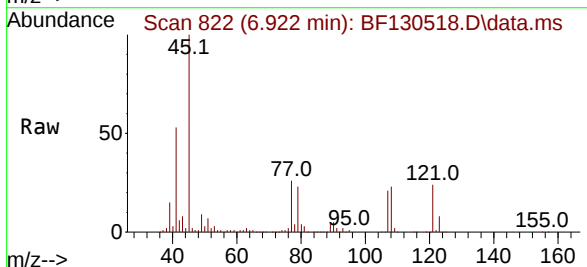
Tgt Ion: 79 Resp: 19565
Ion Ratio Lower Upper
79 100
108 72.8 54.0 81.0
77 60.8 51.3 76.9

Manual Integrations
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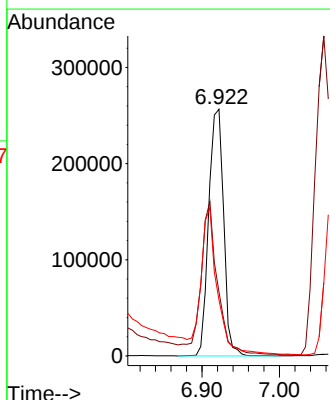
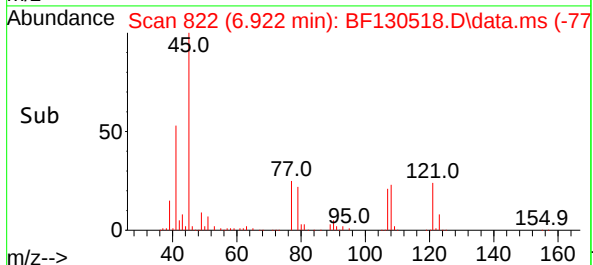
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

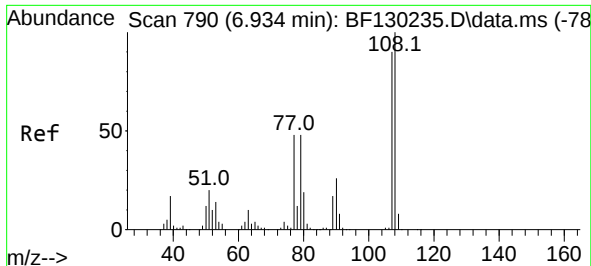


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.237 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



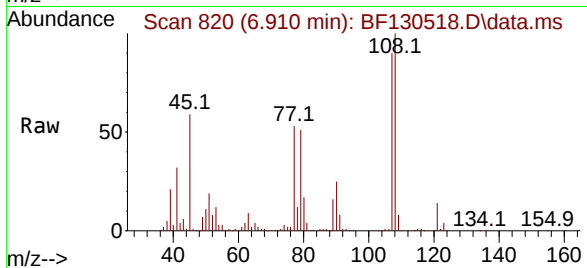
Tgt Ion: 45 Resp: 343260
Ion Ratio Lower Upper
45 100
77 25.9 0.0 34.9
79 22.6 0.0 31.0





#17
2-Methylphenol
Concen: 81.208 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

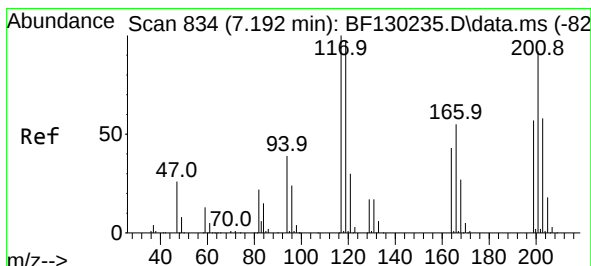
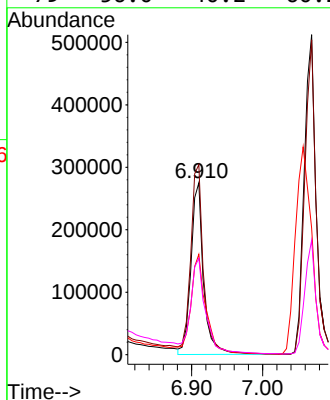
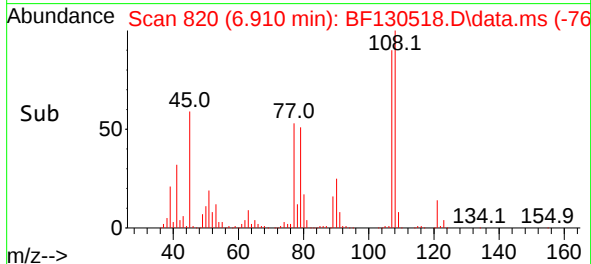
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:107 Resp: 339860
Ion Ratio Lower Upper
107 100
108 110.6 89.4 134.0
77 58.3 40.6 60.8
79 56.0 40.2 60.2

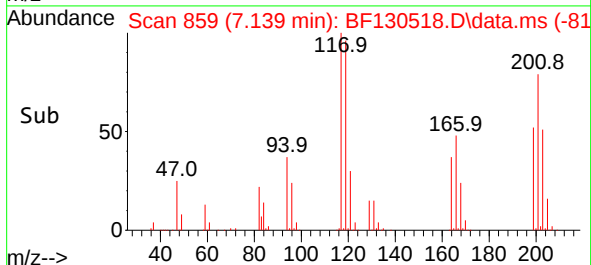
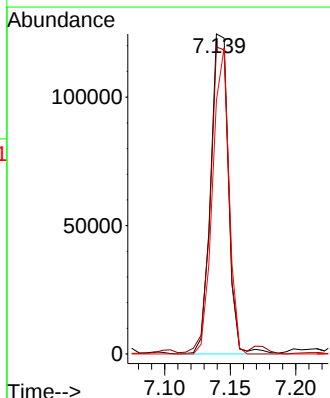
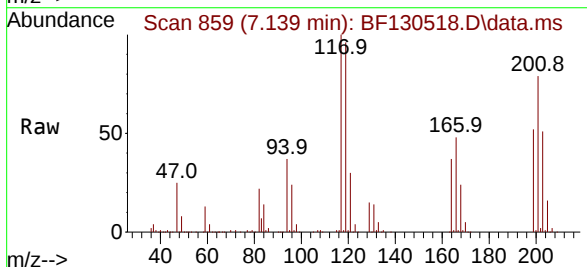
Manual Integrations
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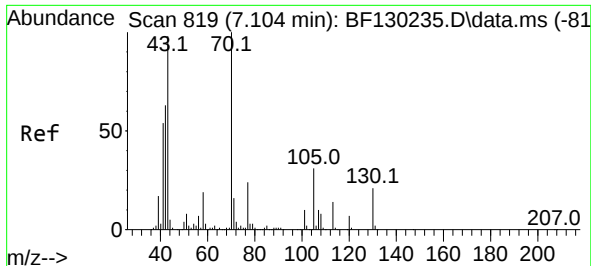
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#18
Hexachloroethane
Concen: 52.110 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.018 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

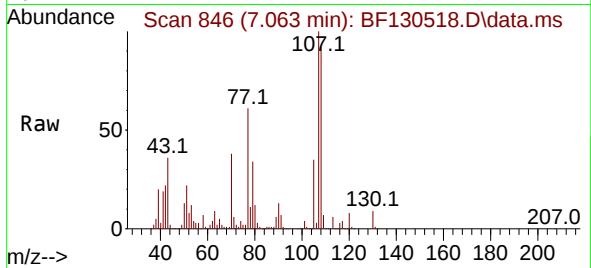
Tgt Ion:117 Resp: 118659
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.6
201 79.3 68.7 103.1





#19
n-Nitroso-di-n-propylamine
Concen: 50.260 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

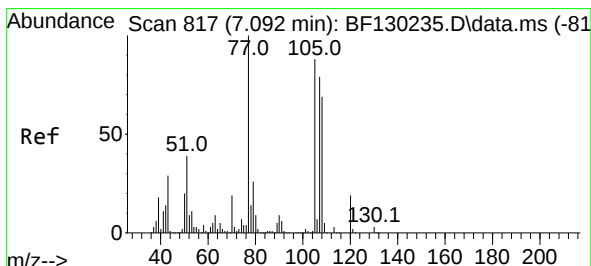
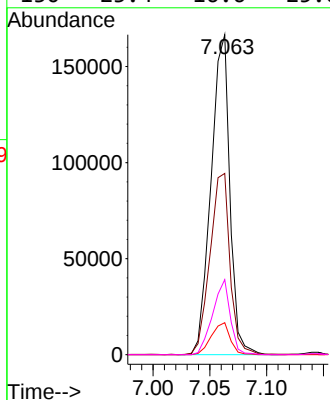
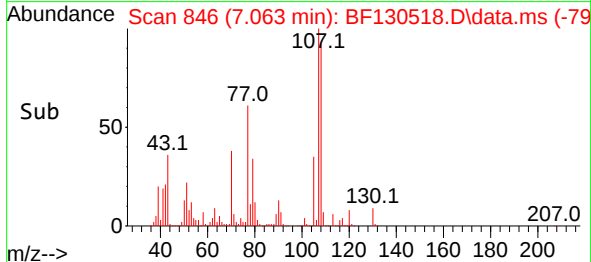
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion: 70 Resp: 19178
Ion Ratio Lower Upper
70 100
42 56.7 50.8 76.2
101 10.0 8.2 12.4
130 23.4 16.6 25.0

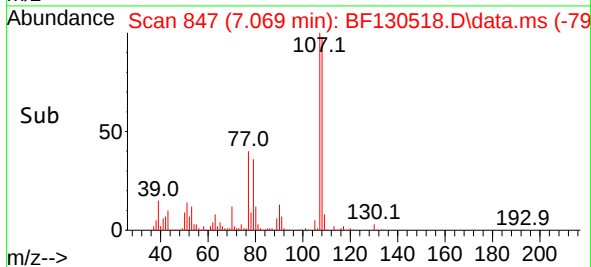
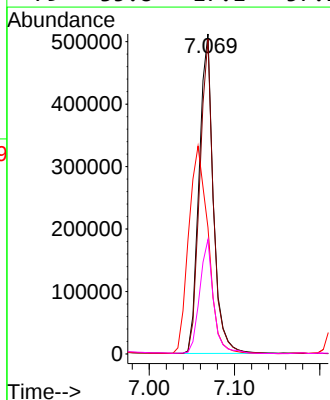
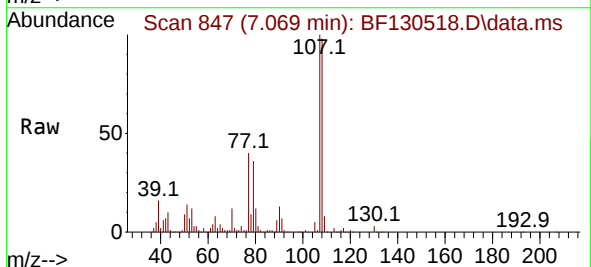
Manual Integrations
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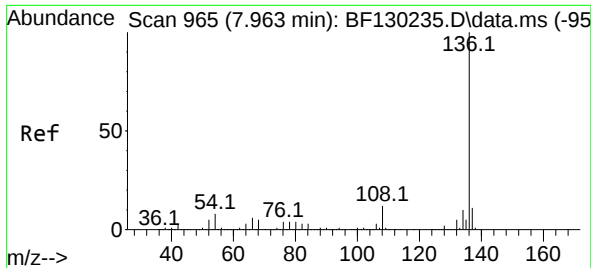
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#20
3+4-Methylphenols
Concen: 109.234 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

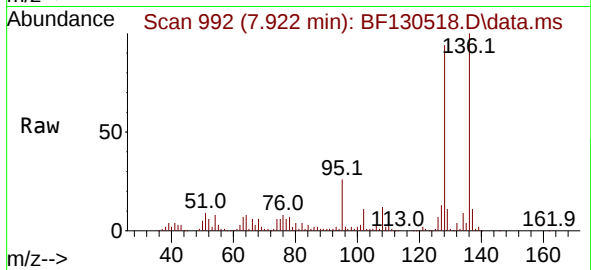
Tgt Ion:107 Resp: 593863
Ion Ratio Lower Upper
107 100
108 98.4 74.8 114.8
77 39.6 125.8 165.8#
79 35.8 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

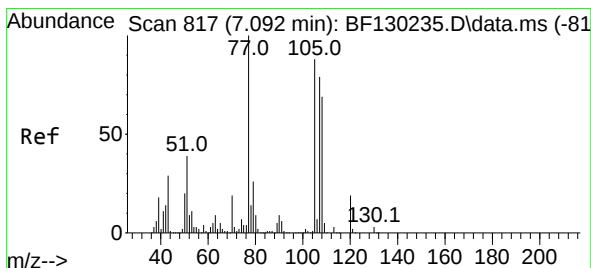
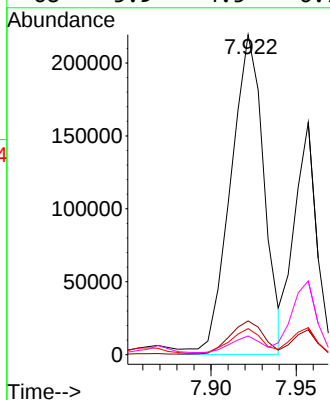
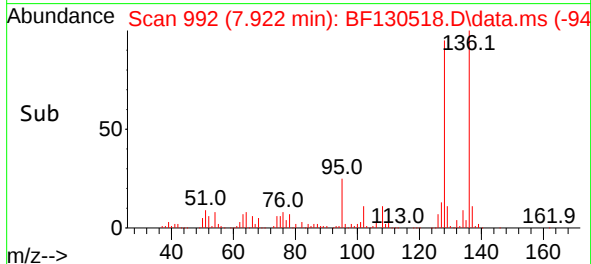
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:136 Resp: 29755
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 8.2 7.1 10.7
68 5.9 4.5 6.7

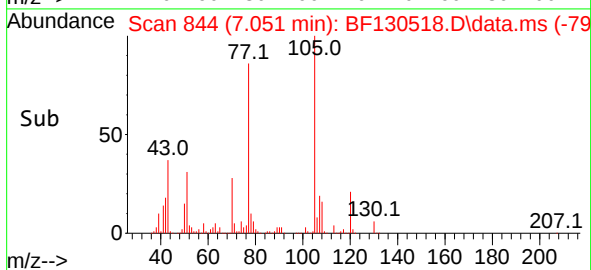
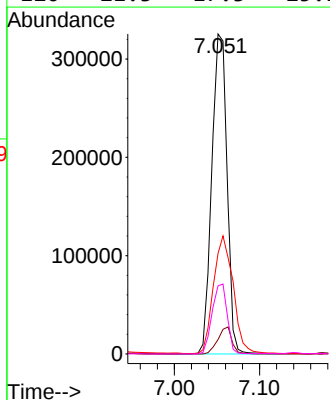
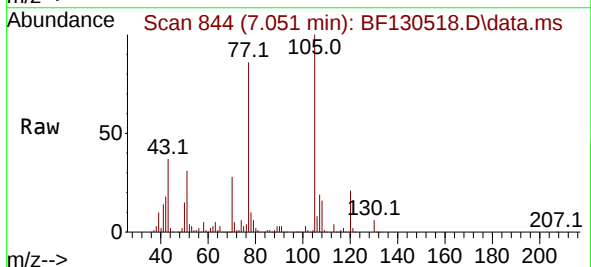
Manual Integrations
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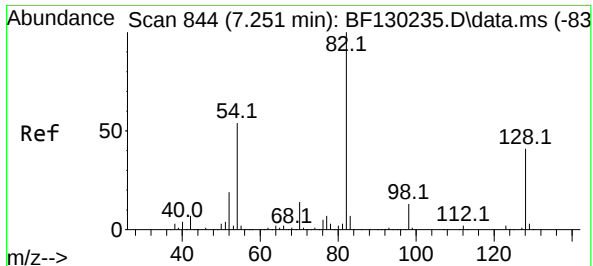
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#22
Acetophenone
Concen: 55.703 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion:105 Resp: 405225
Ion Ratio Lower Upper
105 100
71 4.5 3.9 5.9
51 31.4 32.2 48.2#
120 21.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 100.251 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

S1MSD

Tgt Ion: 82 Resp: 58388

Ion Ratio Lower Upper

82 100

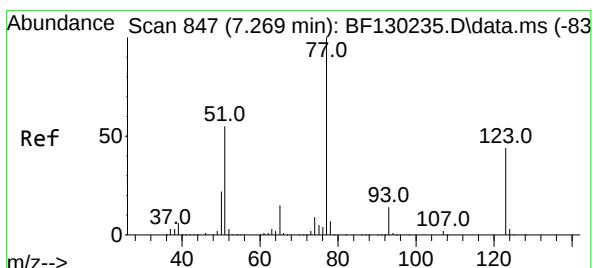
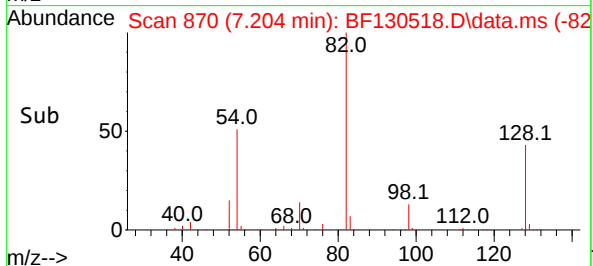
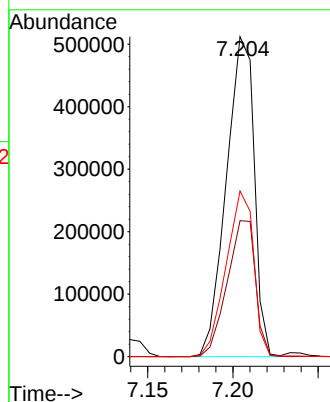
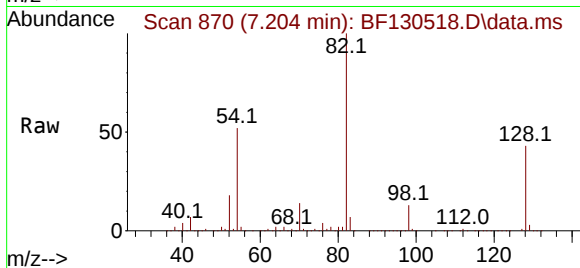
128 42.5 32.6 49.0

54 51.7 43.8 65.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#24

Nitrobenzene

Concen: 50.861 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

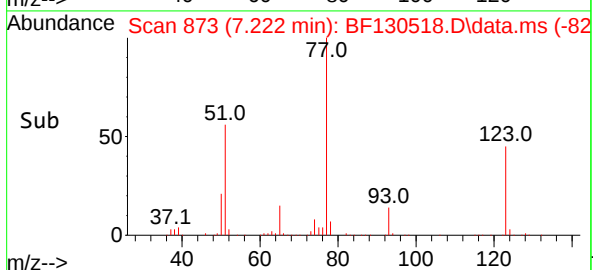
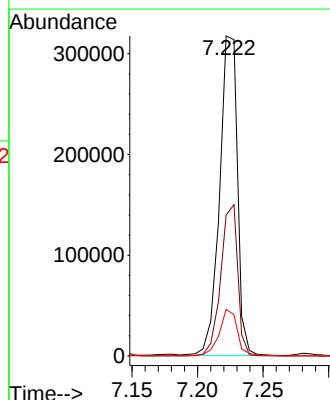
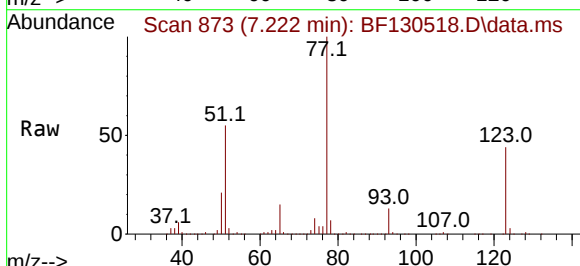
Tgt Ion: 77 Resp: 300785

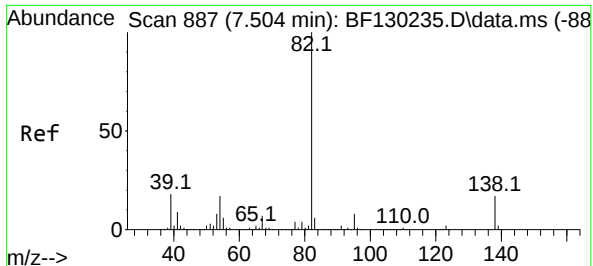
Ion Ratio Lower Upper

77 100

123 44.1 34.3 51.5

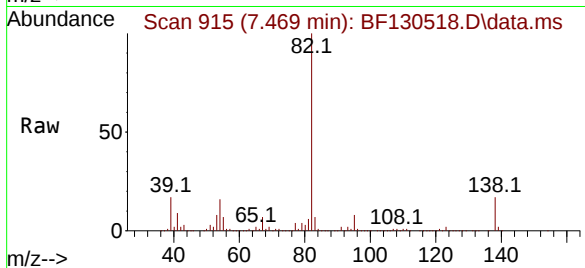
65 14.6 12.0 18.0





#25
Isophorone
Concen: 56.067 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

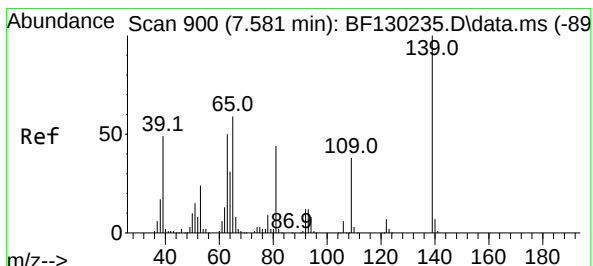
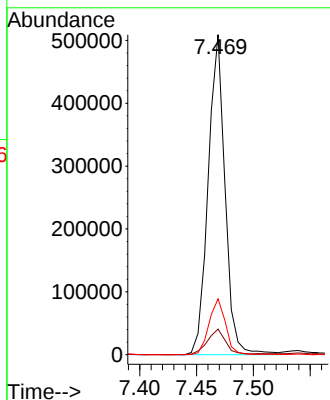
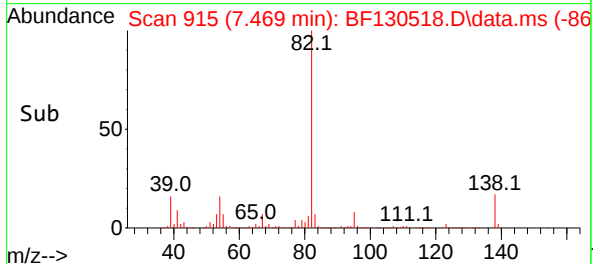
Instrument :
BNA_F
ClientSampleId :
S1MSD



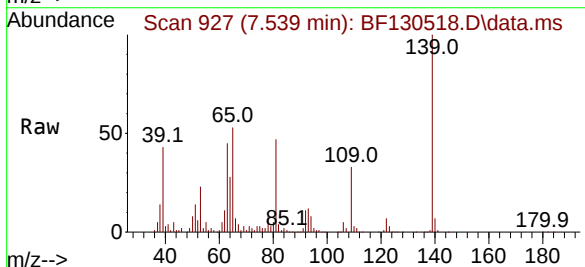
Tgt Ion: 82 Resp: 526324
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.5 13.8 20.6

Manual Integrations
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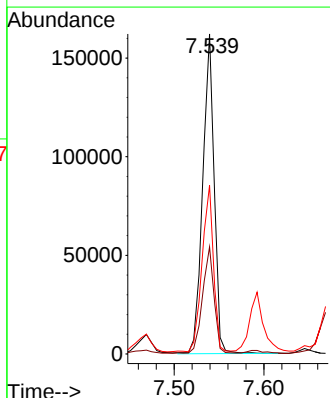
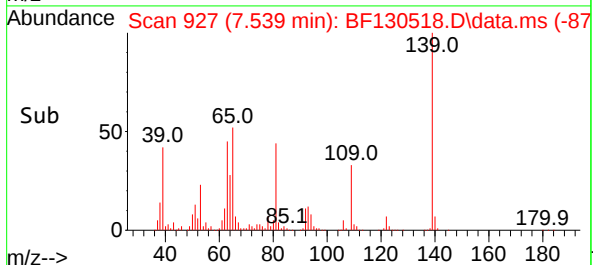
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

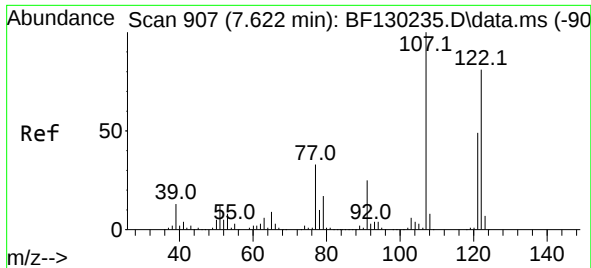


#26
2-Nitrophenol
Concen: 59.320 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



Tgt Ion:139 Resp: 143810
Ion Ratio Lower Upper
139 100
109 33.4 30.2 45.4
65 52.7 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 86.270 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

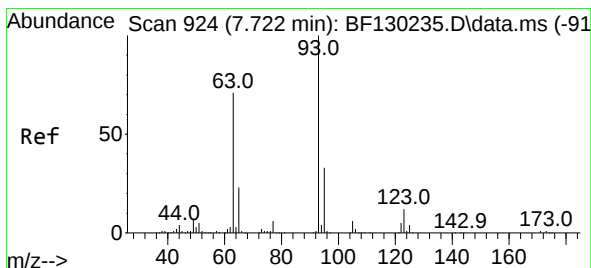
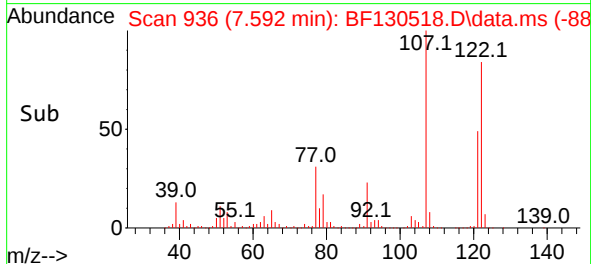
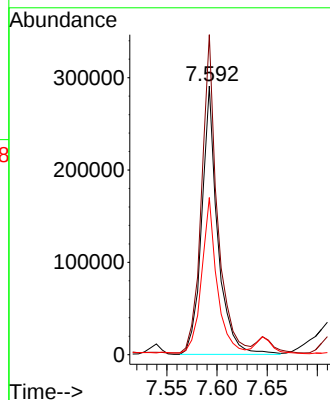
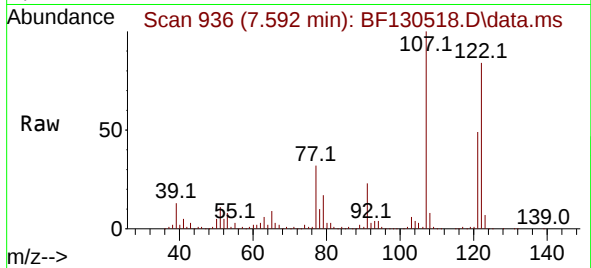
S1MSD

Tgt Ion:122 Resp: 322028
 Ion Ratio Lower Upper
 122 100
 107 119.1 100.2 150.2
 121 58.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
 Supervised By :mohammad ahmed 10/06/2022



#28

bis(2-Chloroethoxy)methane

Concen: 65.835 ng

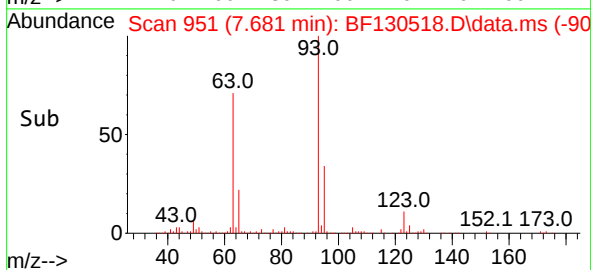
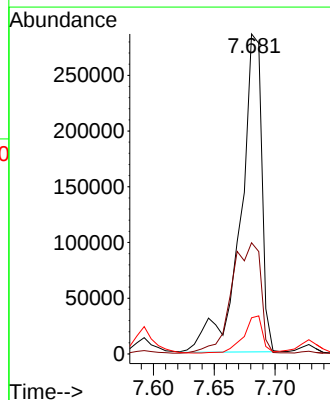
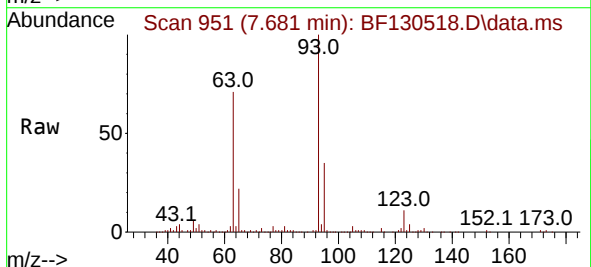
RT: 7.681 min Scan# 951

Delta R.T. -0.006 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Tgt Ion: 93 Resp: 347994
 Ion Ratio Lower Upper
 93 100
 95 34.7 26.3 39.5
 123 11.3 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 50.917 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

S1MSD

Tgt Ion:162 Resp: 20828

Ion Ratio Lower Upper

162 100

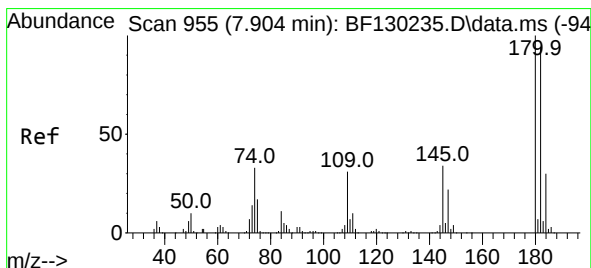
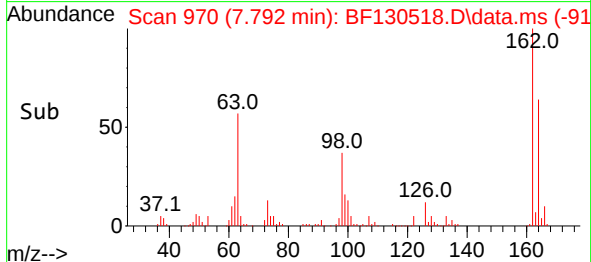
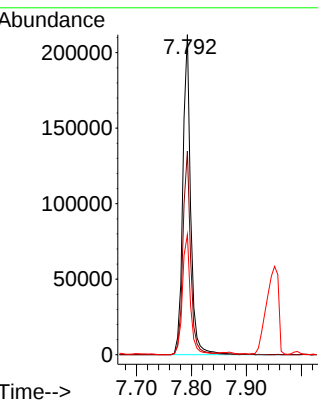
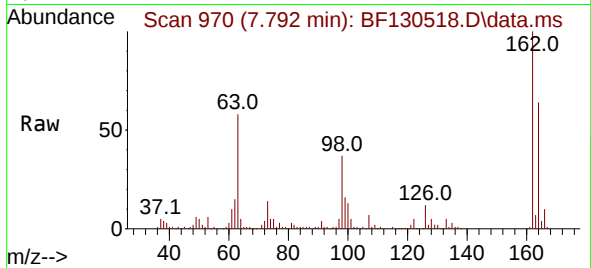
164 63.6 42.2 82.2

98 37.5 21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#30

1,2,4-Trichlorobenzene

Concen: 52.187 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.012 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

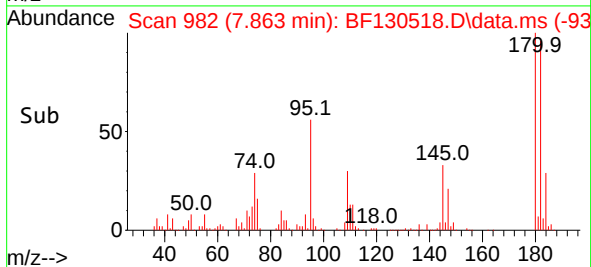
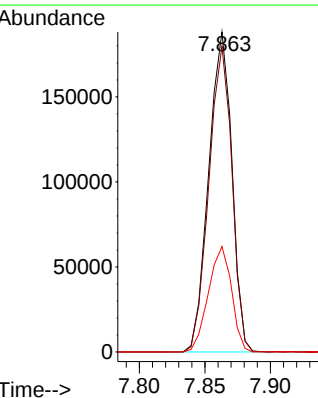
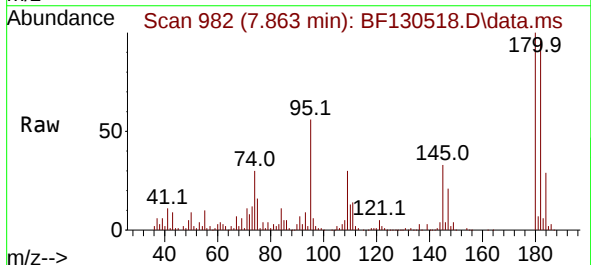
Tgt Ion:180 Resp: 230798

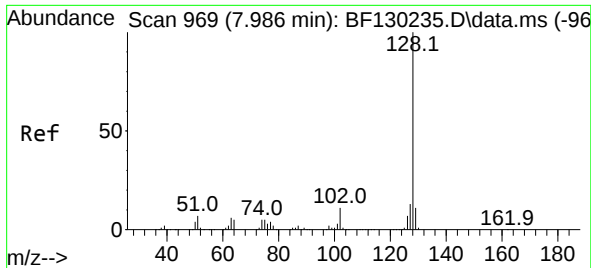
Ion Ratio Lower Upper

180 100

182 95.5 73.3 109.9

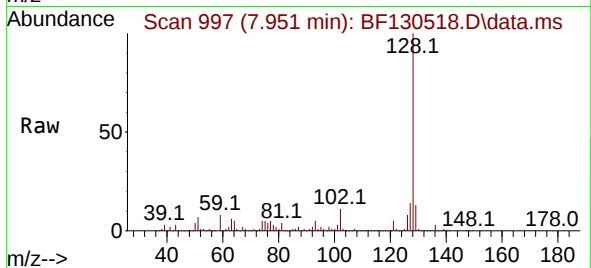
145 33.0 28.3 42.5





#31
Naphthalene
Concen: 357.685 ng
RT: 7.951 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

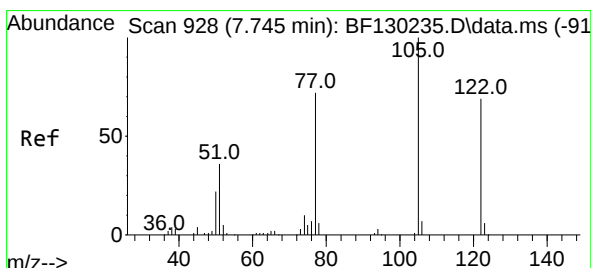
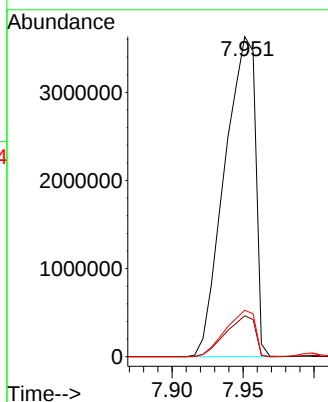
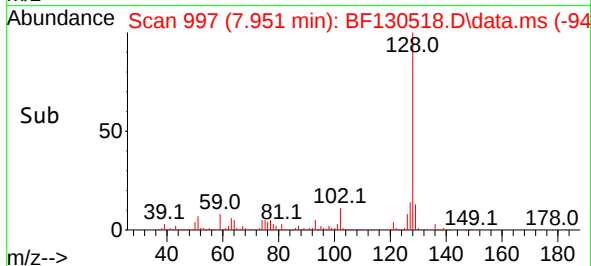
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:128 Resp: 548316
Ion Ratio Lower Upper
128 100
129 12.8 9.1 13.7
127 14.5 10.6 16.0

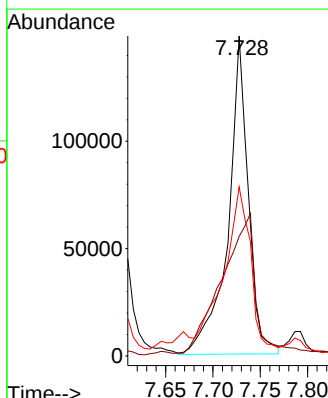
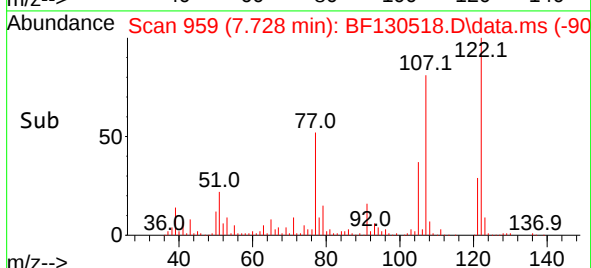
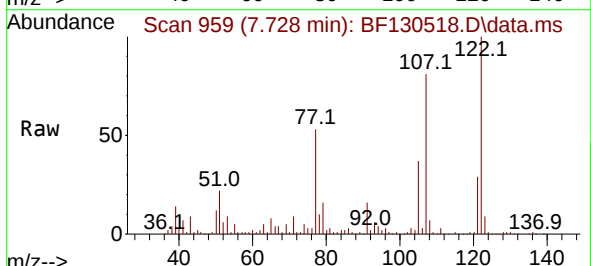
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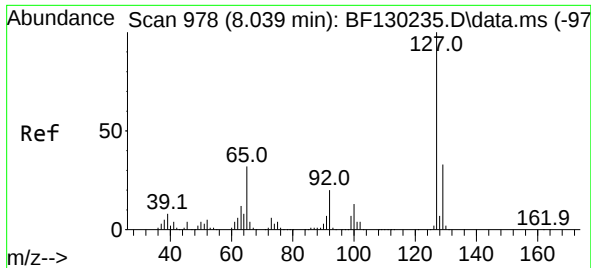
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#32
Benzoic acid
Concen: 75.834 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion:122 Resp: 218908
Ion Ratio Lower Upper
122 100
105 37.4 112.9 152.9#
77 52.9 82.8 122.8#





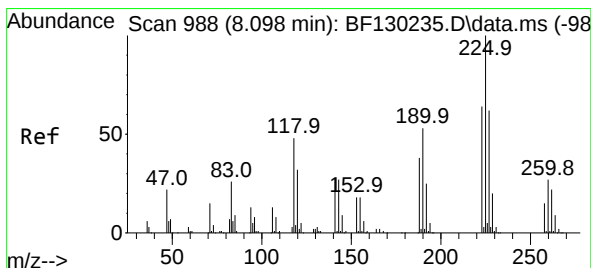
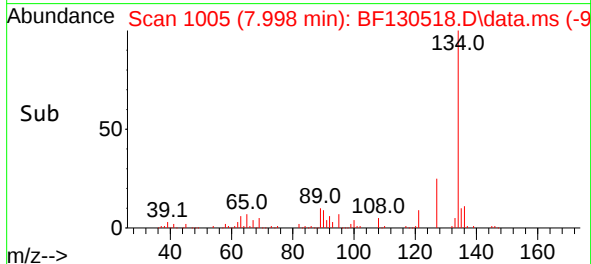
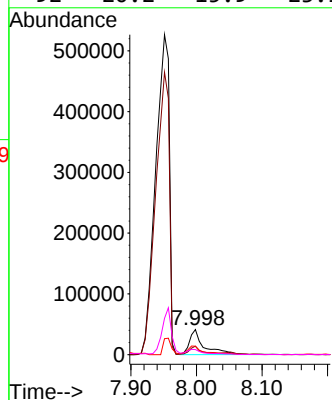
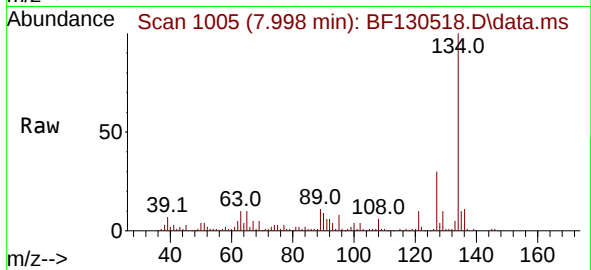
#33
4-Chloroaniline
Concen: 10.826 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:	127	Resp:	63110
Ion Ratio	Lower	Upper	
127	100		
129	33.5	25.6	38.4
65	33.8	27.0	40.6
92	20.2	15.9	23.9

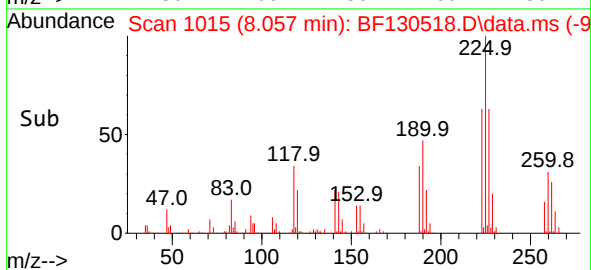
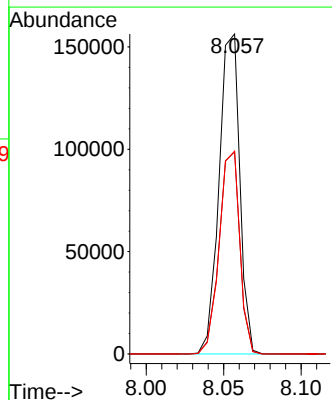
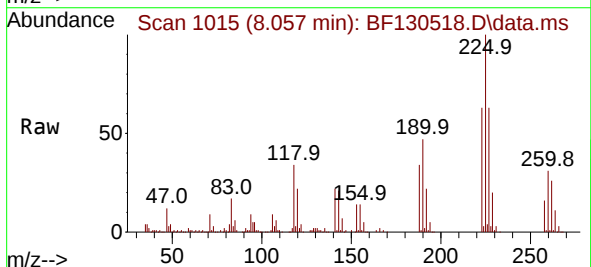
Manual Integrations
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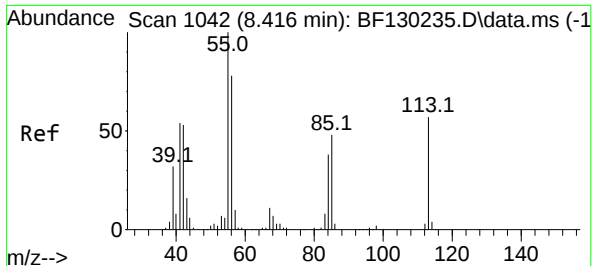
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#34
Hexachlorobutadiene
Concen: 51.506 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

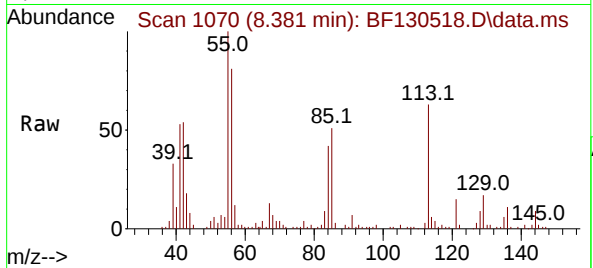
Tgt Ion:	225	Resp:	145577
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.3	75.5
227	63.4	51.1	76.7





#35
 Caprolactam
 Concen: 38.933 ng
 RT: 8.381 min Scan# 1070
 Delta R.T. -0.006 min
 Lab File: BF130518.D
 Acq: 04 Oct 2022 15:10

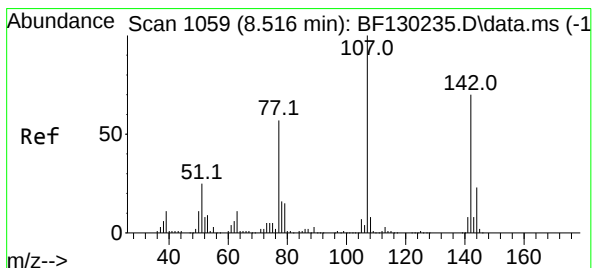
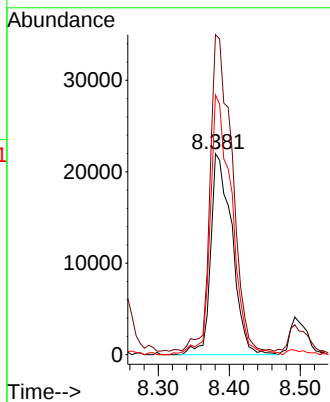
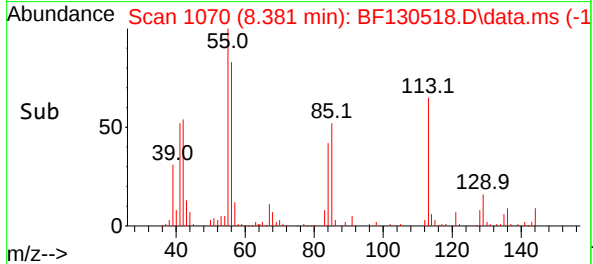
Instrument :
 BNA_F
 ClientSampleId :
 S1MSD



Tgt Ion:113 Resp: 45650
 Ion Ratio Lower Upper
 113 100
 55 159.3 155.4 195.4
 56 129.2 120.4 160.4

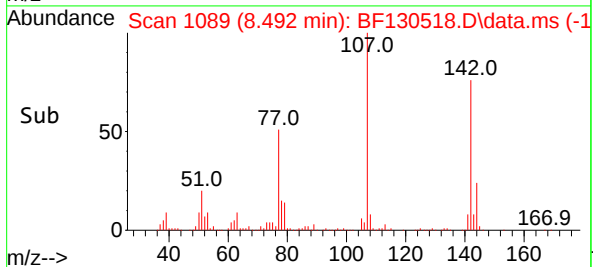
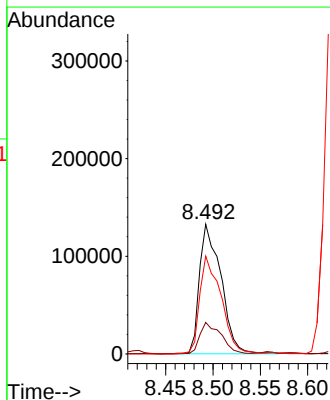
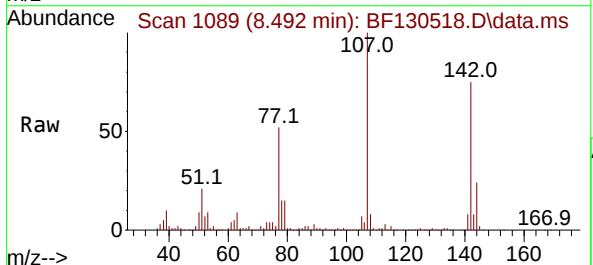
Manual Integrations
 APPROVED

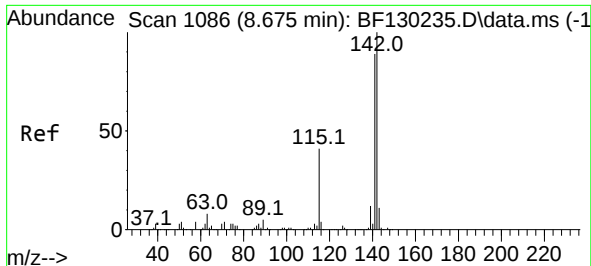
Reviewed By :Jagrut Upadhyay 10/05/2022
 Supervised By :mohammad ahmed 10/06/2022



#36
 4-Chloro-3-methylphenol
 Concen: 46.407 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: BF130518.D
 Acq: 04 Oct 2022 15:10

Tgt Ion:107 Resp: 210412
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.0 30.0
 142 75.5 61.3 91.9





#37

2-Methylnaphthalene

Concen: 76.899 ng

RT: 8.633 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

S1MSD

Tgt Ion:142 Resp: 751600

Ion Ratio Lower Upper

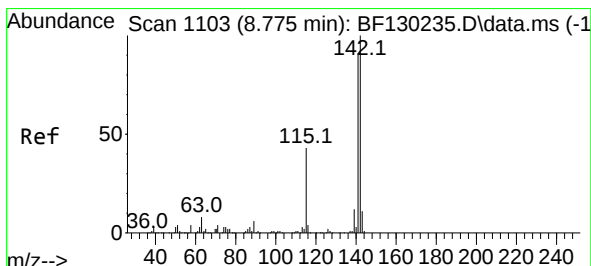
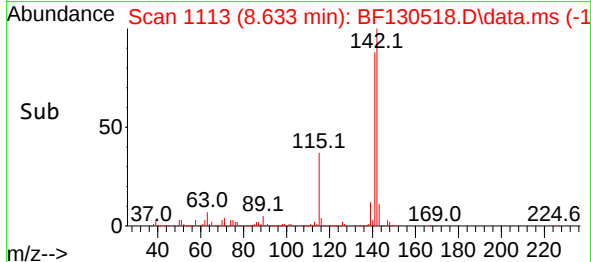
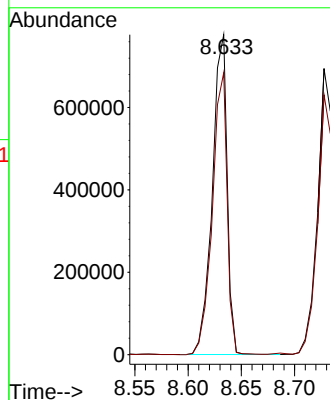
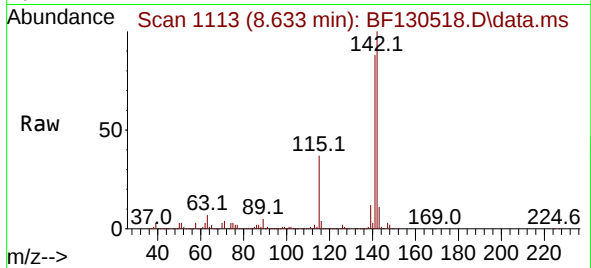
142 100

141 88.1 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#38

1-Methylnaphthalene

Concen: 70.558 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.012 min

Lab File: BF130518.D

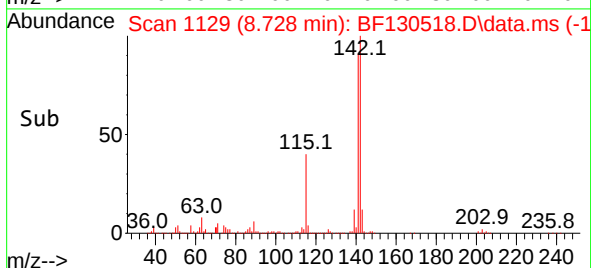
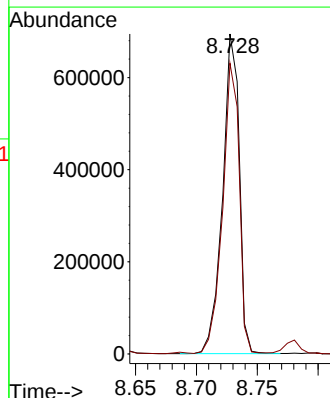
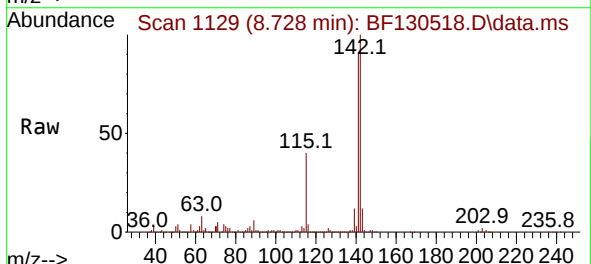
Acq: 04 Oct 2022 15:10

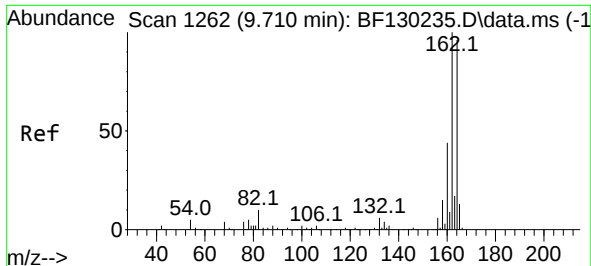
Tgt Ion:142 Resp: 662492

Ion Ratio Lower Upper

142 100

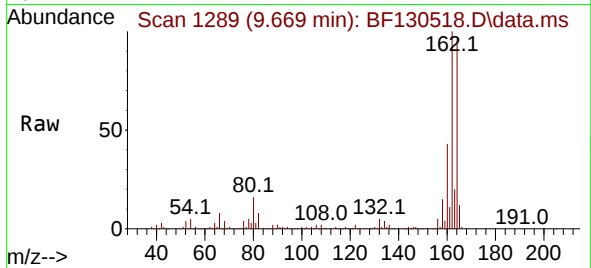
141 90.8 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1140
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

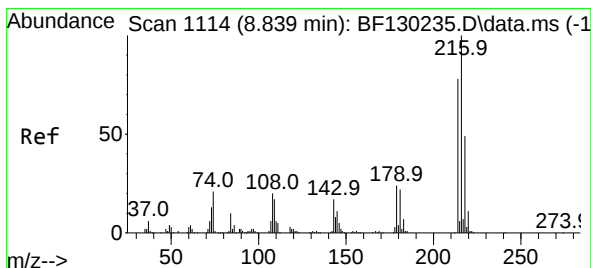
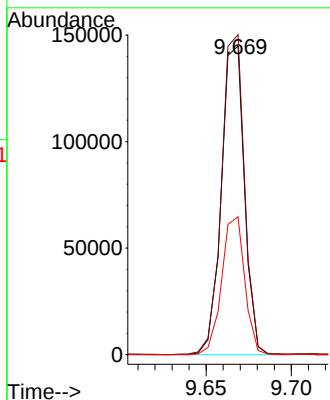
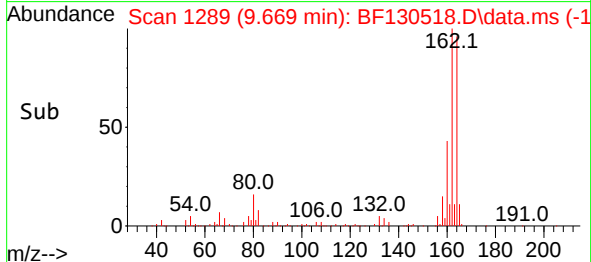
Instrument :
BNA_F
ClientSampleId :
S1MSD



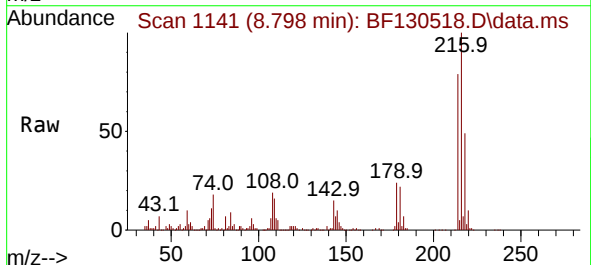
Tgt Ion:164 Resp: 13638
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 44.7 36.2 54.4

Manual Integrations
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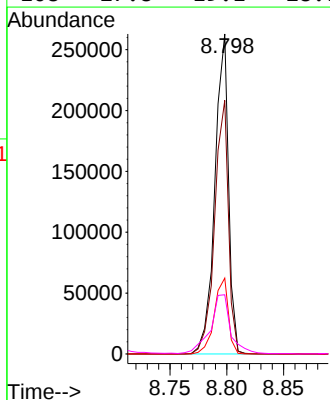
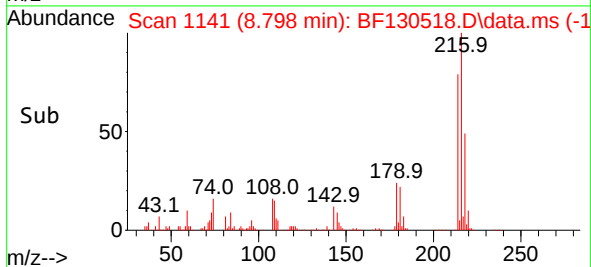
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.092 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



Tgt Ion:216 Resp: 219936
Ion Ratio Lower Upper
216 100
214 80.2 62.8 94.2
179 24.3 19.5 29.3
108 27.8 19.1 28.7





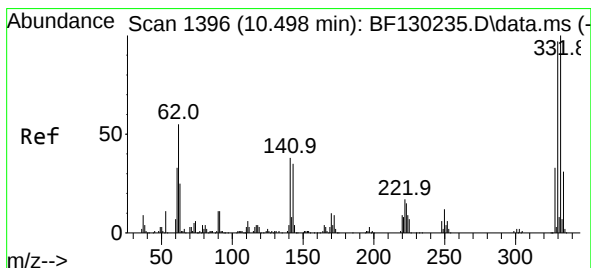
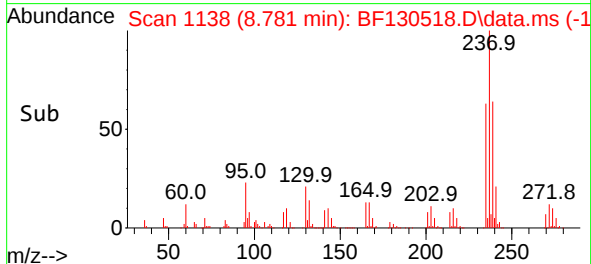
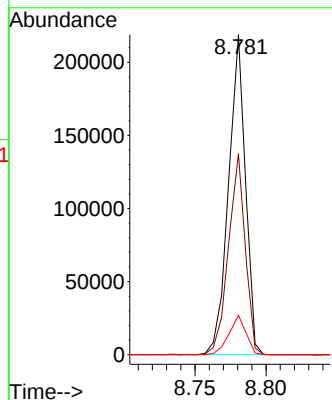
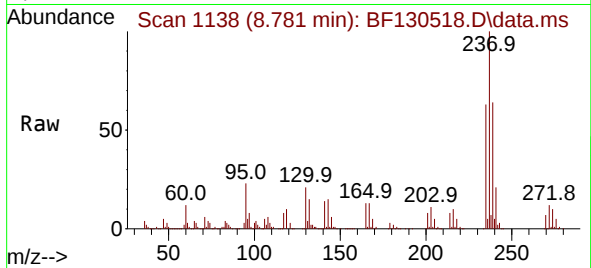
#41
Hexachlorocyclopentadiene
Concen: 90.952 ng
RT: 8.781 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:237 Resp: 181240
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 12.3 0.0 32.8

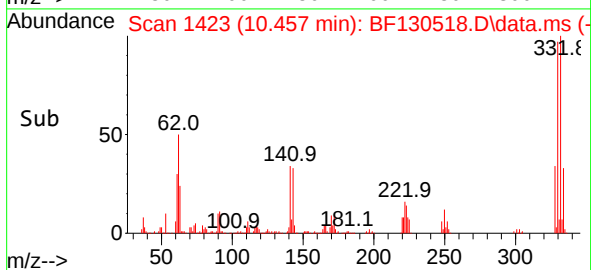
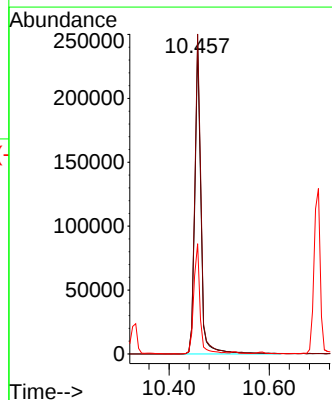
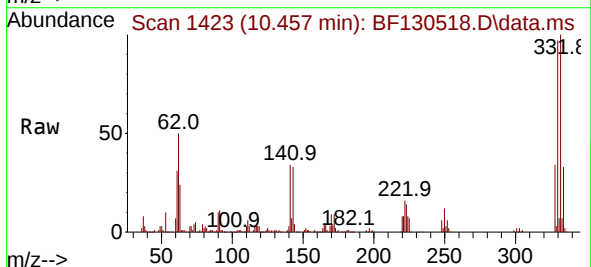
Manual Integrations
APPROVED

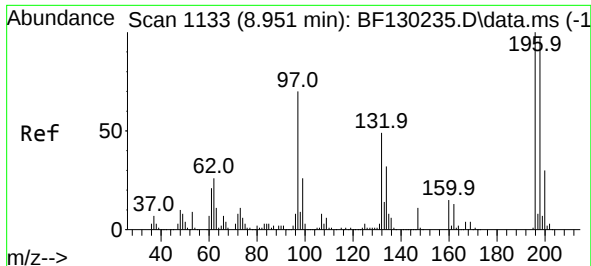
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#42
2,4,6-Tribromophenol
Concen: 158.030 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion:330 Resp: 206514
Ion Ratio Lower Upper
330 100
332 103.8 83.4 125.2
141 36.3 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 50.811 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF130518.D

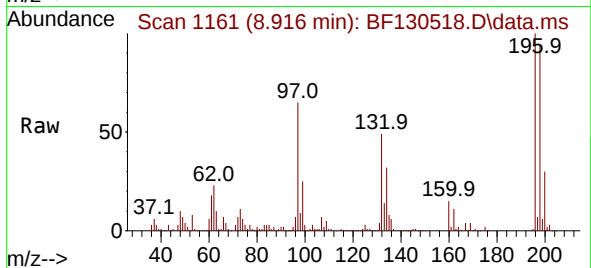
Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

S1MSD

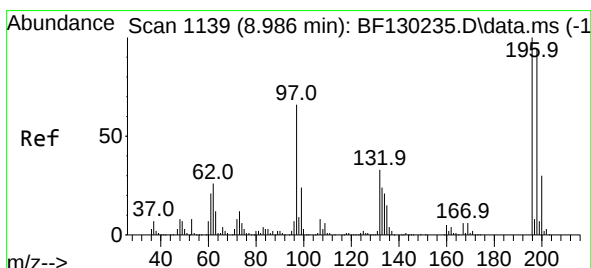
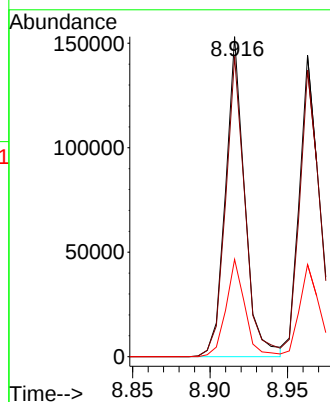
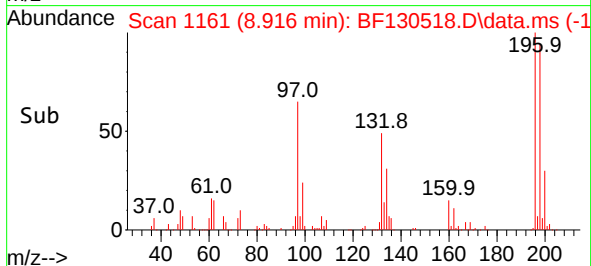


Tgt Ion:	196	Resp:	13198
Ion Ratio	Lower	Upper	
196	100		
198	93.8	72.4	108.6
200	30.4	23.8	35.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#44

2,4,5-Trichlorophenol

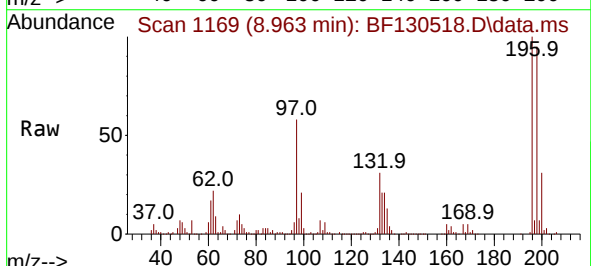
Concen: 49.736 ng

RT: 8.963 min Scan# 1169

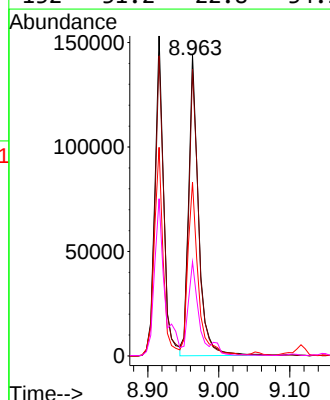
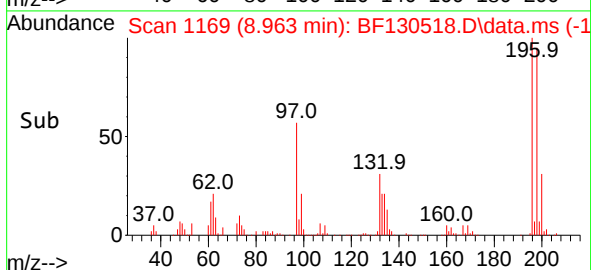
Delta R.T. -0.000 min

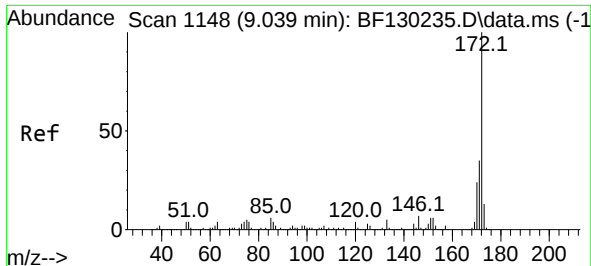
Lab File: BF130518.D

Acq: 04 Oct 2022 15:10



Tgt Ion:	196	Resp:	139414
Ion Ratio	Lower	Upper	
196	100		
198	95.1	74.8	112.2
97	57.7	43.7	65.5
132	31.2	22.8	34.2





#45

2-Fluorobiphenyl

Concen: 107.110 ng

RT: 8.998 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

S1MSD

Tgt Ion:172 Resp: 100316

Ion Ratio Lower Upper

172 100

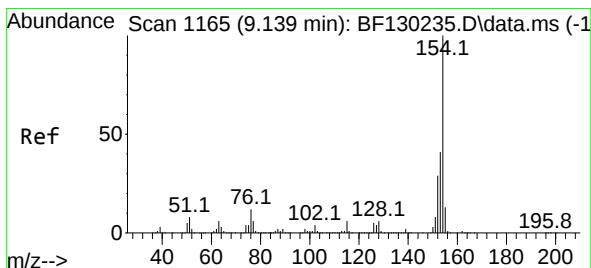
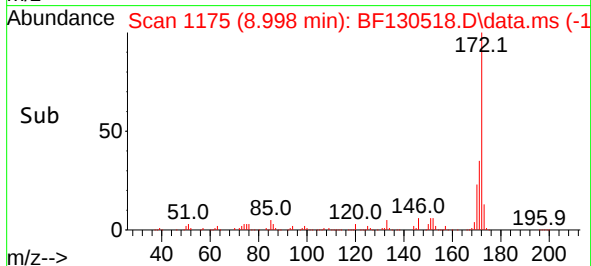
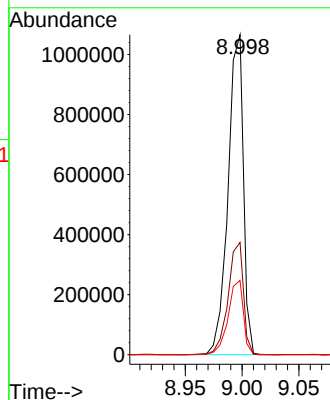
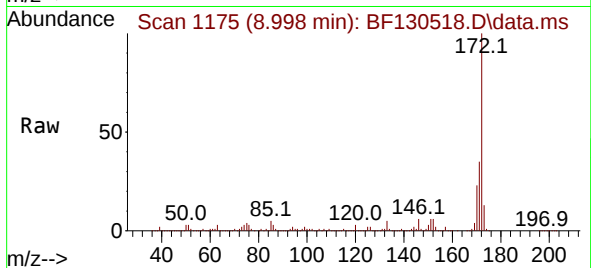
171 35.1 28.3 42.5

170 23.2 18.7 28.1

Manual Integrations

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#46

1,1'-Biphenyl

Concen: 61.312 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

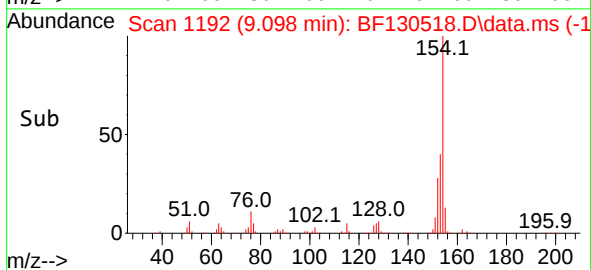
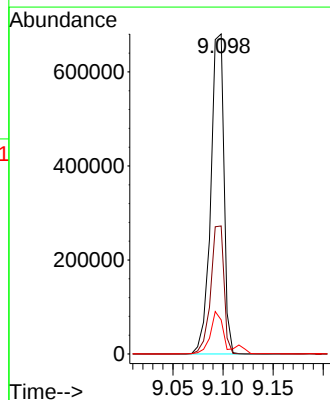
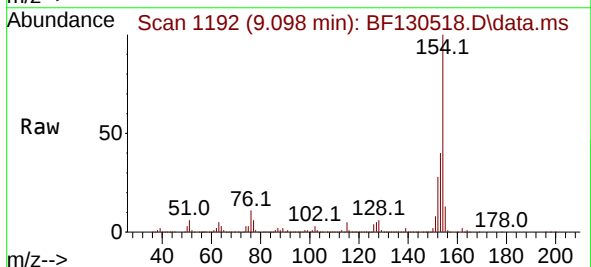
Tgt Ion:154 Resp: 624500

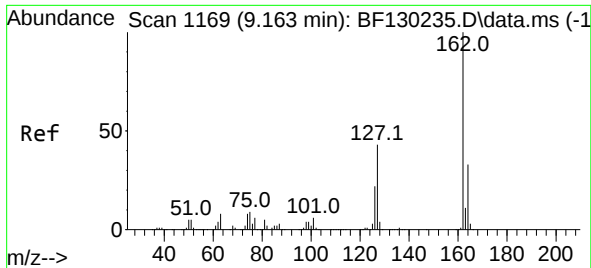
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

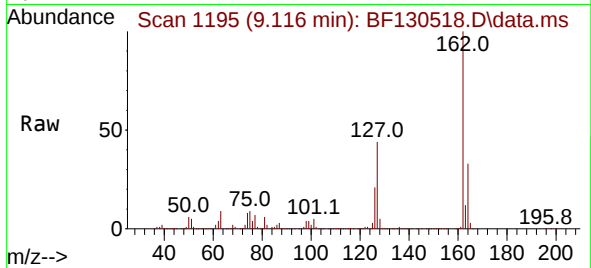
76 10.6 0.0 33.3





#47
2-Chloronaphthalene
Concen: 55.018 ng
RT: 9.116 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

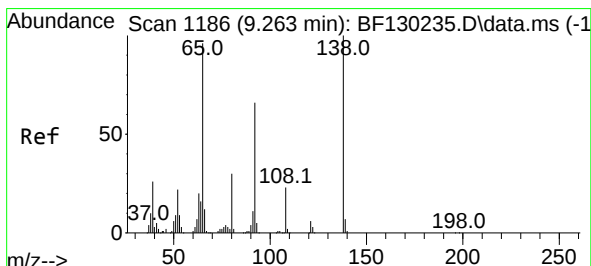
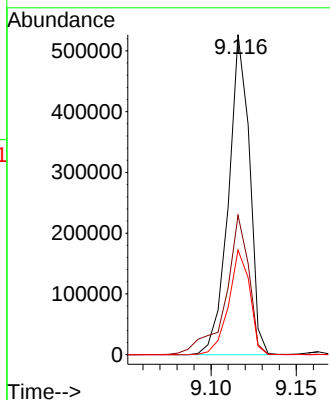
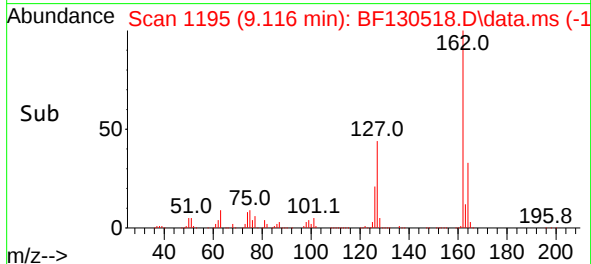
Instrument :
BNA_F
ClientSampleId :
S1MSD



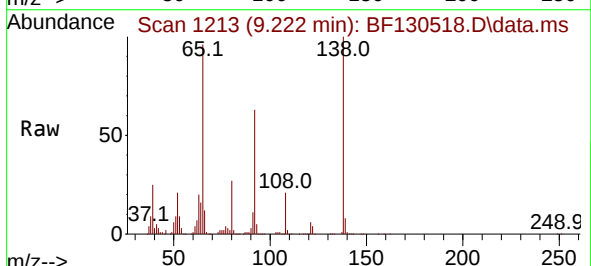
Tgt Ion:162 Resp: 453329
Ion Ratio Lower Upper
162 100
127 43.6 35.9 53.9
164 32.7 26.2 39.2

Manual Integrations
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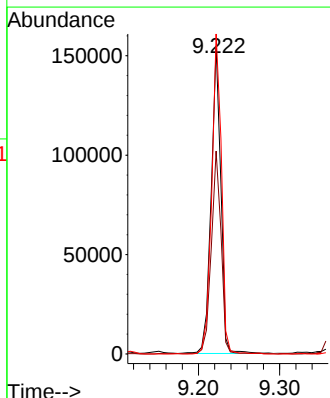
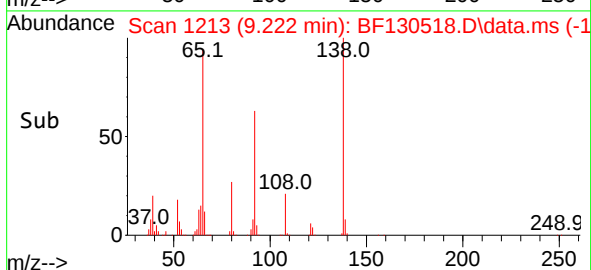
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

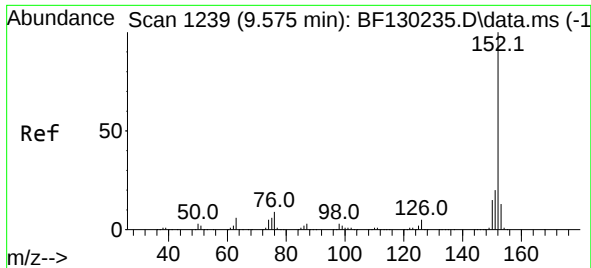


#48
2-Nitroaniline
Concen: 46.212 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



Tgt Ion: 65 Resp: 126997
Ion Ratio Lower Upper
65 100
92 65.9 52.2 78.4
138 104.0 77.0 115.4





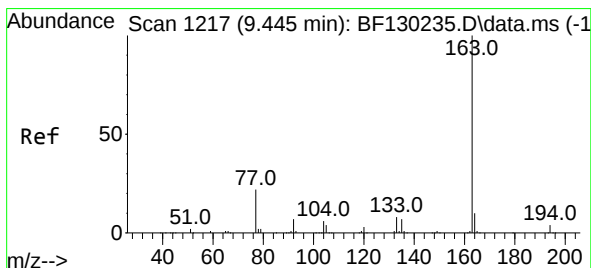
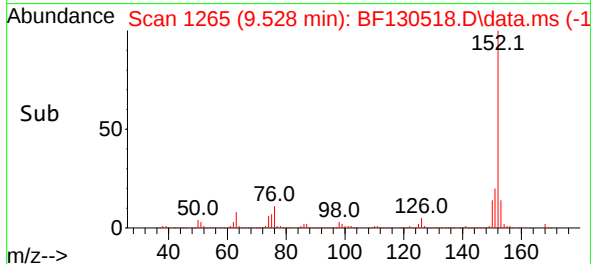
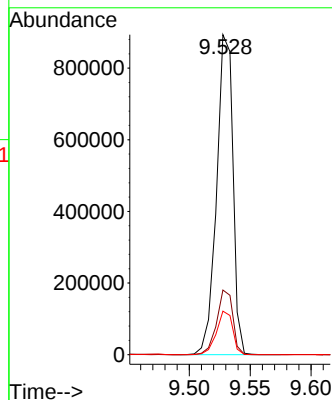
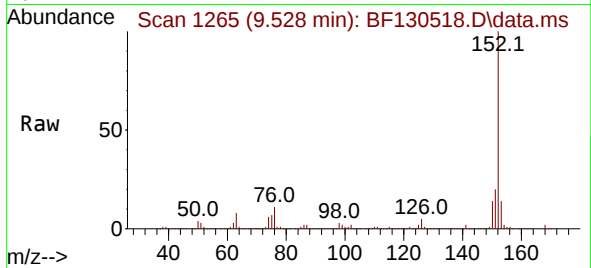
#49
Acenaphthylene
Concen: 67.922 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:152 Resp: 839104
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.6 10.6 15.8

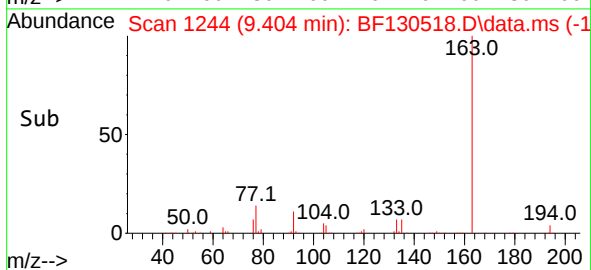
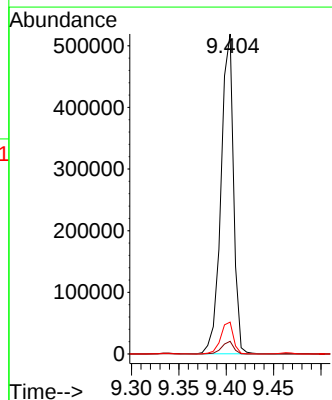
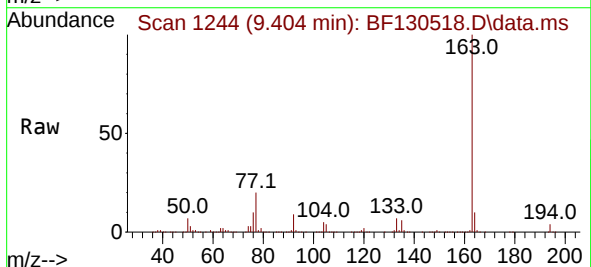
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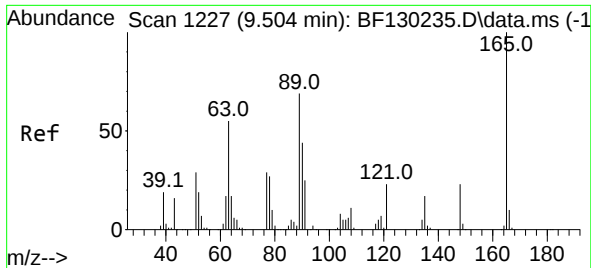
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#50
Dimethylphthalate
Concen: 50.806 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion:163 Resp: 478628
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.9 8.2 12.2





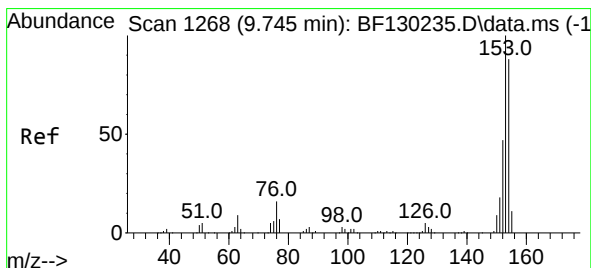
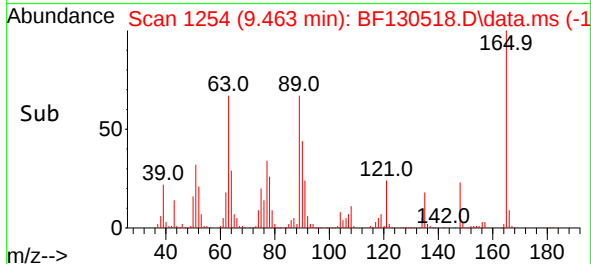
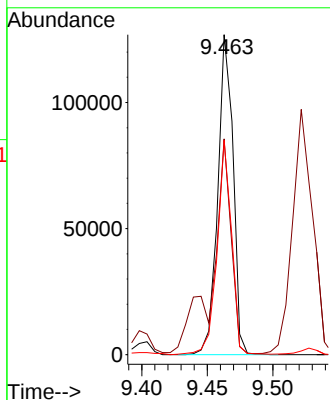
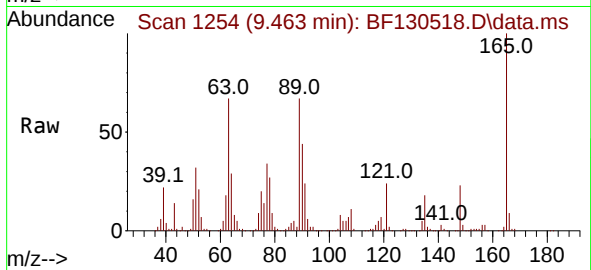
#51
2,6-Dinitrotoluene
Concen: 52.013 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:165 Resp: 102478
Ion Ratio Lower Upper
165 100
63 67.5 58.8 88.2
89 67.0 54.5 81.7

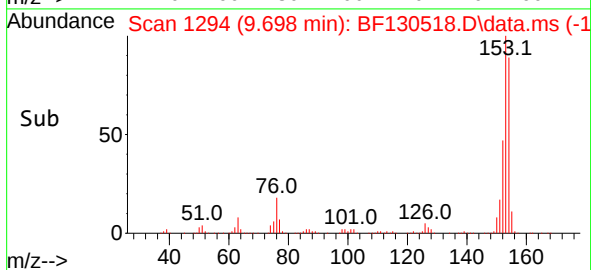
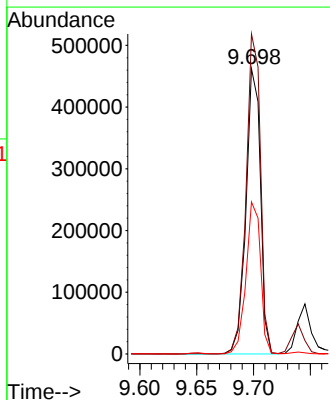
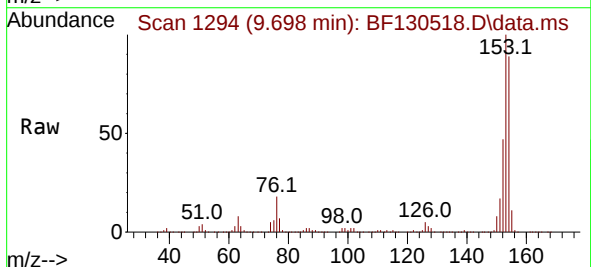
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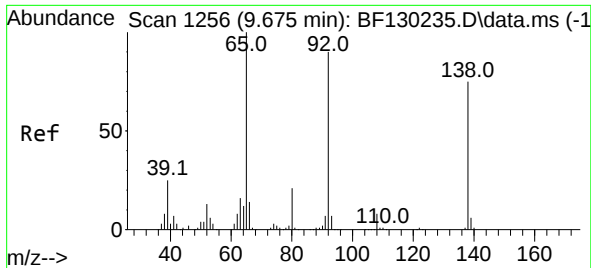
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#52
Acenaphthene
Concen: 50.510 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion:154 Resp: 409983
Ion Ratio Lower Upper
154 100
153 112.2 90.6 136.0
152 53.3 43.8 65.6





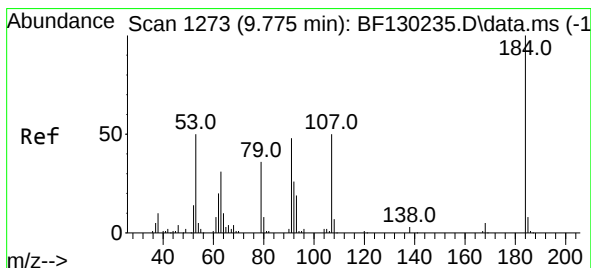
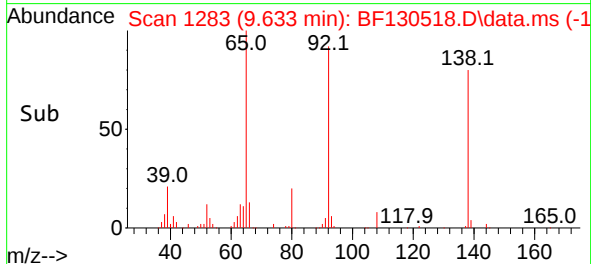
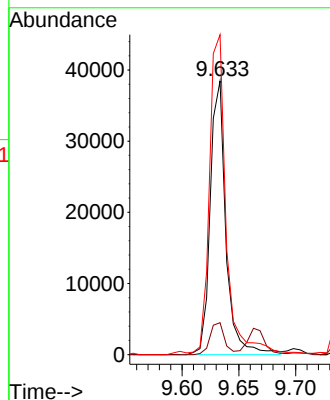
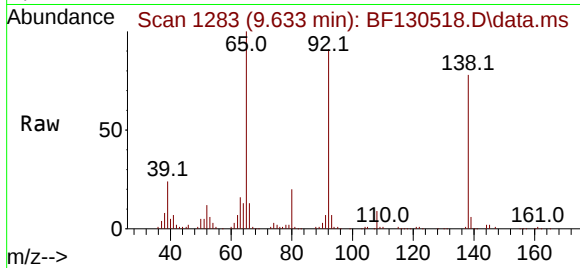
#53
3-Nitroaniline
Concen: 16.786 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:138 Resp: 3685
Ion Ratio Lower Upper
138 100
108 11.7 9.2 13.8
92 117.0 99.2 148.8

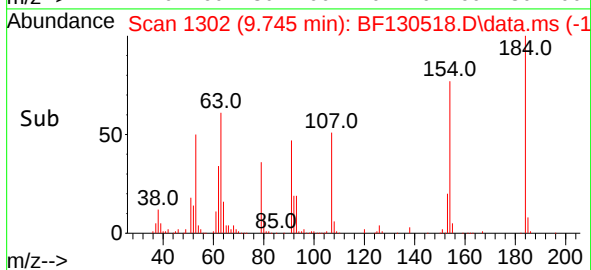
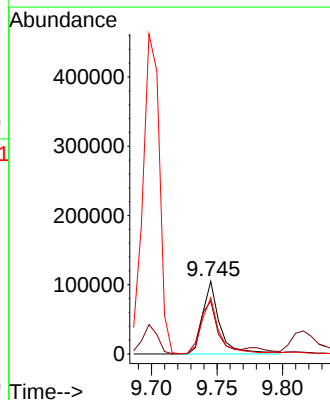
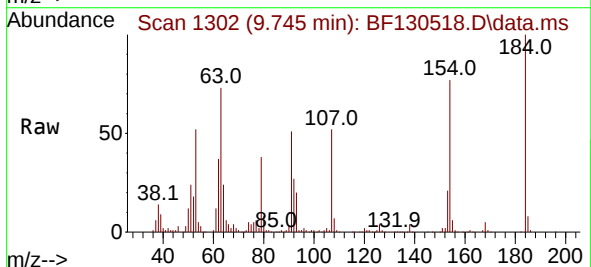
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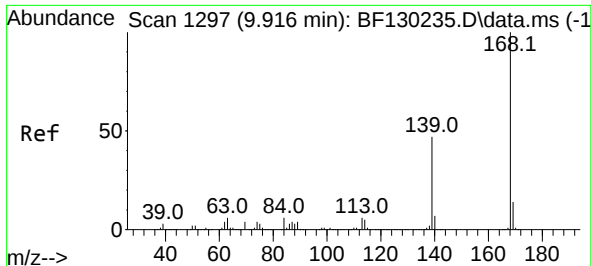
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#54
2,4-Dinitrophenol
Concen: 88.191 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion:184 Resp: 94999
Ion Ratio Lower Upper
184 100
63 72.7 70.0 105.0
154 77.3 63.0 94.6





#55

Dibenzenofuran

Concen: 56.970 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

S1MSD

Tgt Ion:168 Resp: 643189

Ion Ratio Lower Upper

168 100

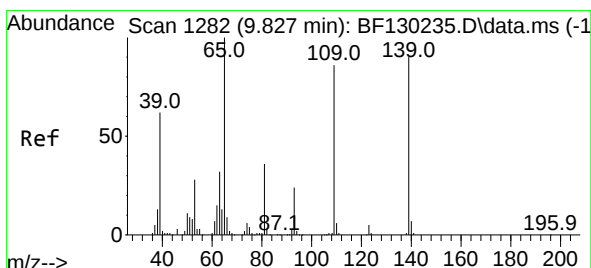
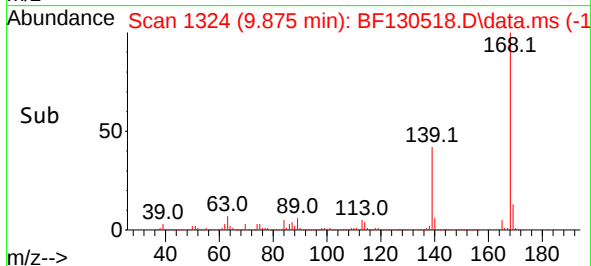
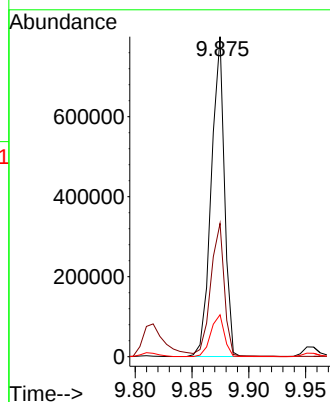
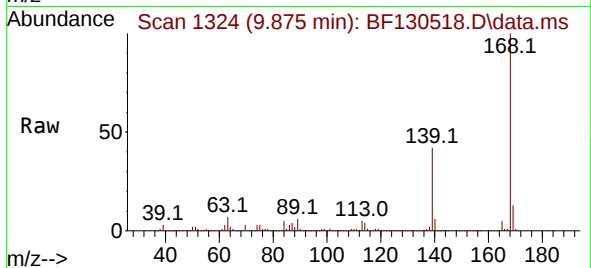
139 41.7 35.0 52.4

169 13.1 10.9 16.3

Manual Integrations

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#56

4-Nitrophenol

Concen: 69.954 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

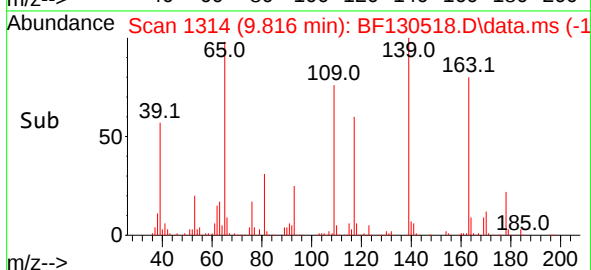
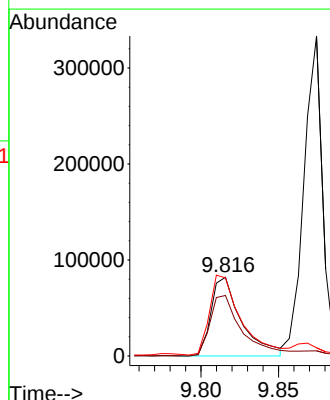
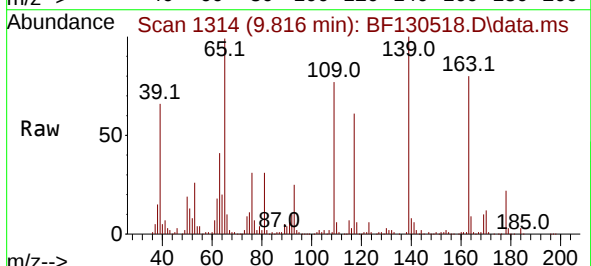
Tgt Ion:139 Resp: 111858

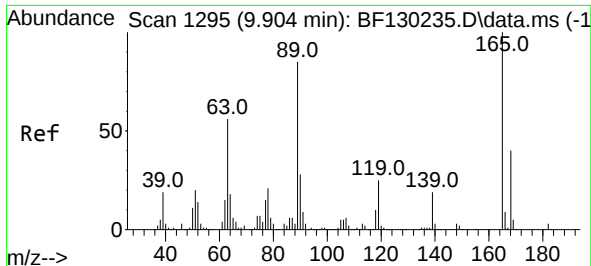
Ion Ratio Lower Upper

139 100

109 76.8 72.2 112.2

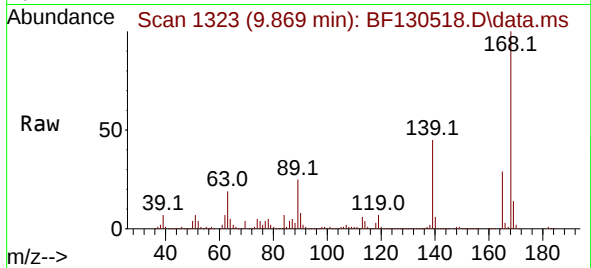
65 99.2 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 50.866 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

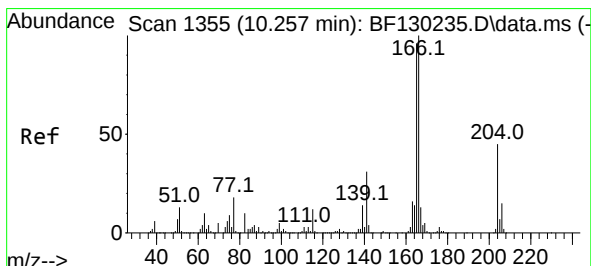
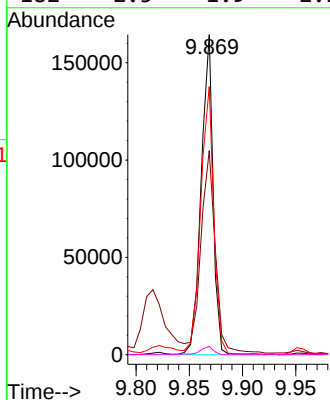
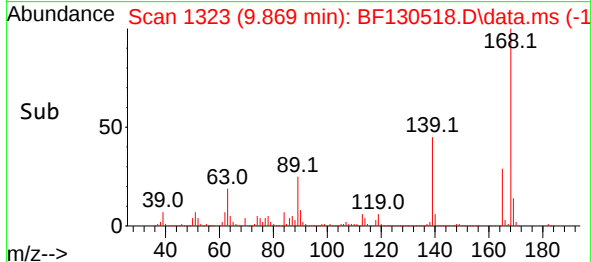
Instrument :
BNA_F
ClientSampleId :
S1MSD



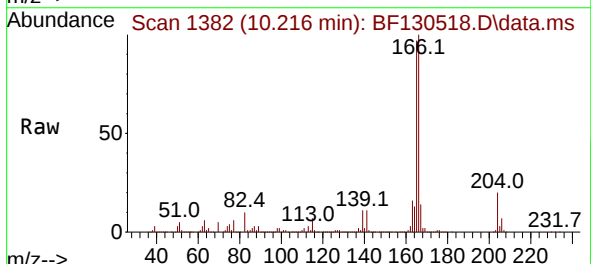
Tgt Ion:165 Resp: 128080
Ion Ratio Lower Upper
165 100
63 63.8 44.7 67.1
89 83.8 69.0 103.4
182 2.5 1.9 2.9

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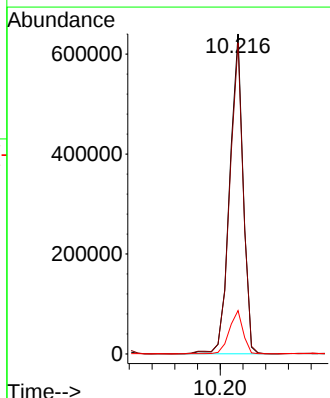
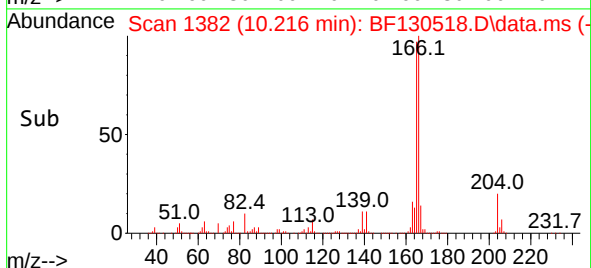
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

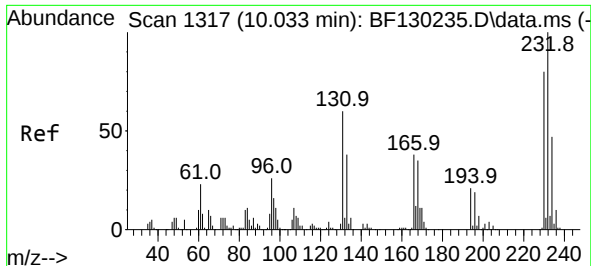


#58
Fluorene
Concen: 56.770 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



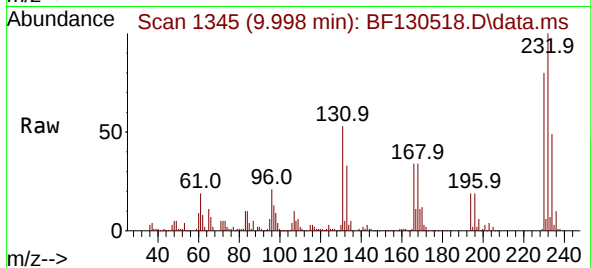
Tgt Ion:166 Resp: 524168
Ion Ratio Lower Upper
166 100
165 97.2 78.8 118.2
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.810 ng
RT: 9.998 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

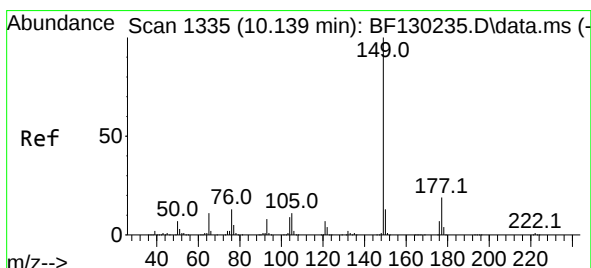
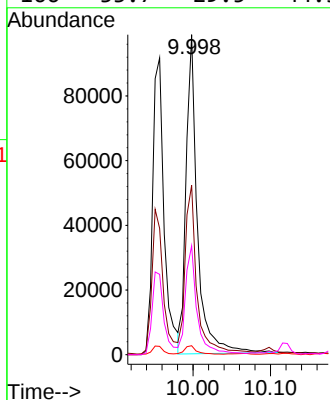
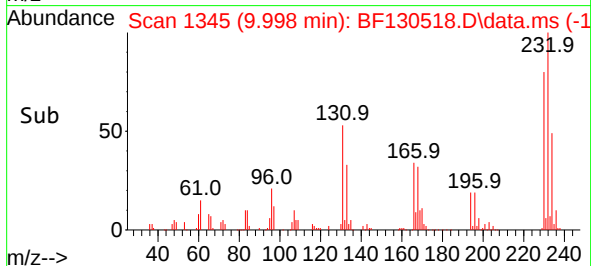
Instrument :
BNA_F
ClientSampleId :
S1MSD



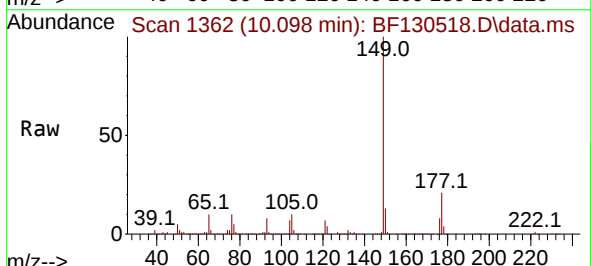
Tgt Ion:232 Resp: 100500
Ion Ratio Lower Upper
232 100
131 54.6 46.4 69.6
130 3.1 2.3 3.5
166 33.7 29.5 44.3

Manual Integrations
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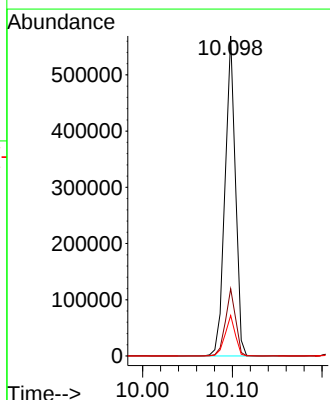
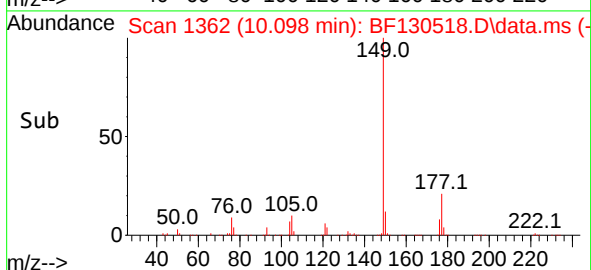
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

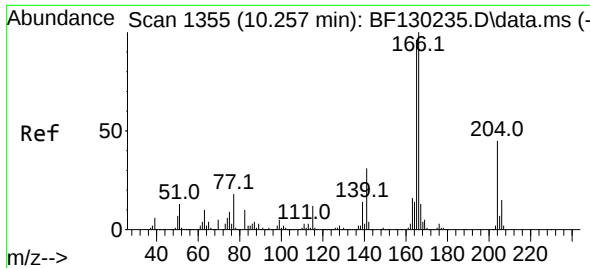


#60
Diethylphthalate
Concen: 48.542 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



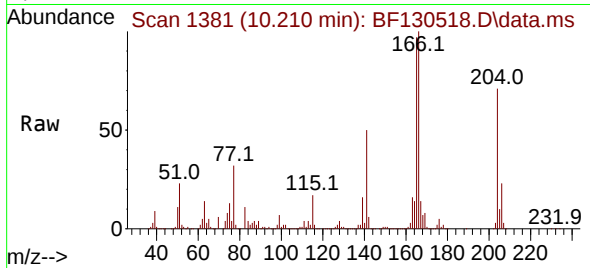
Tgt Ion:149 Resp: 458584
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 52.685 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

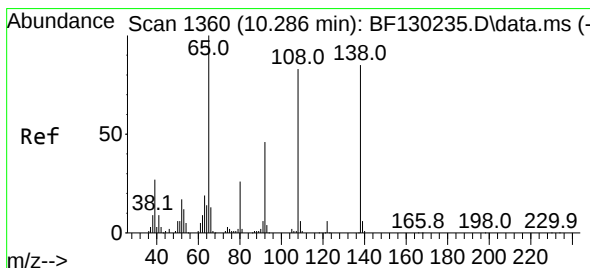
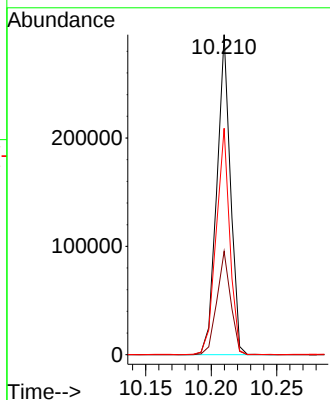
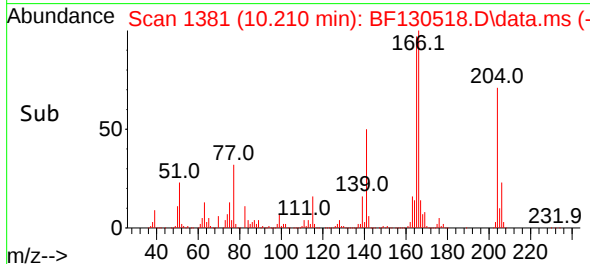
Instrument :
BNA_F
ClientSampleId :
S1MSD



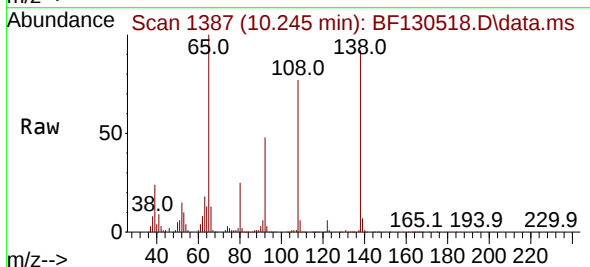
Tgt Ion:204 Resp: 213390
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 70.7 57.1 85.7

Manual Integrations
APPROVED

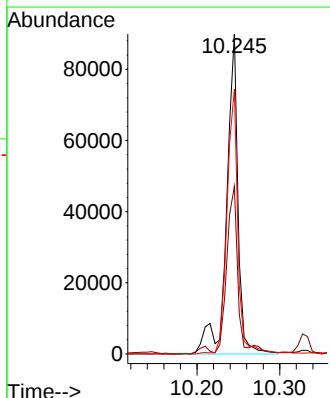
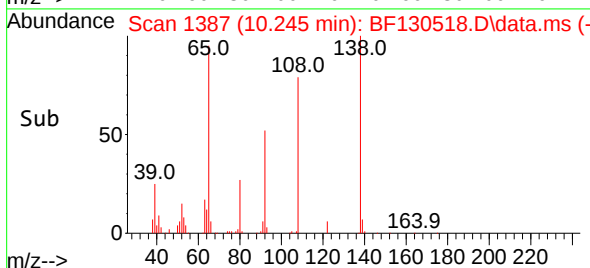
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

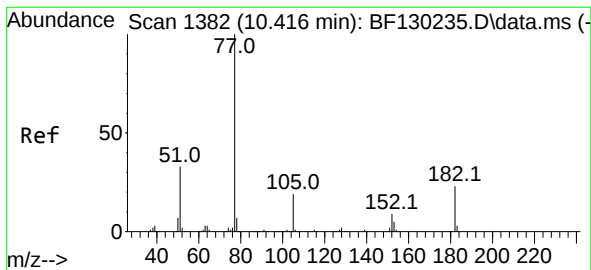


#62
4-Nitroaniline
Concen: 39.122 ng m
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



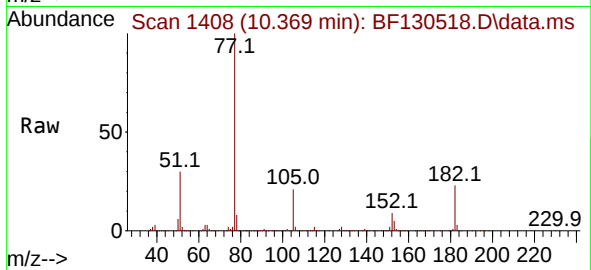
Tgt Ion:138 Resp: 86280
Ion Ratio Lower Upper
138 100
92 52.4 36.7 76.7
108 82.8 78.2 118.2





#63
Azobenzene
Concen: 46.547 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

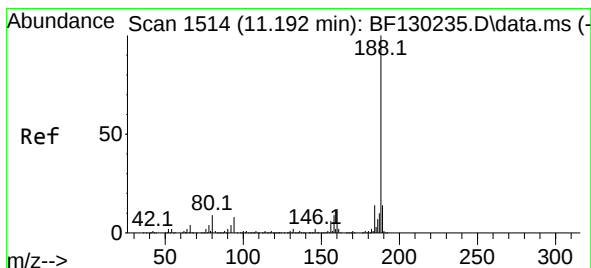
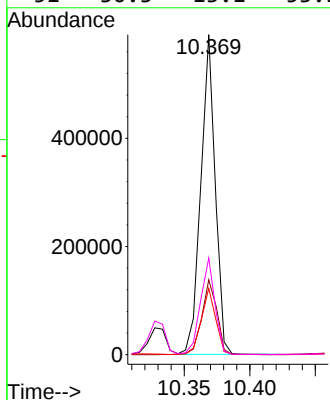
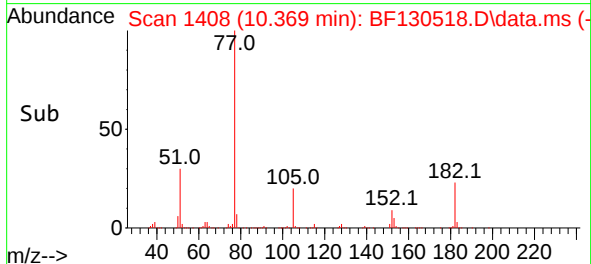
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion: 77 Resp: 45279
Ion Ratio Lower Upper
77 100
182 23.4 2.1 42.1
105 20.7 0.0 39.4
51 30.3 13.1 53.1

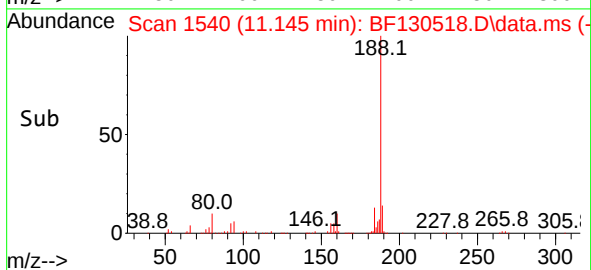
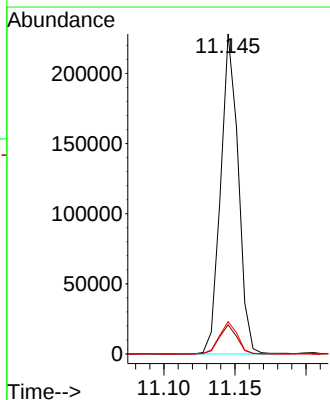
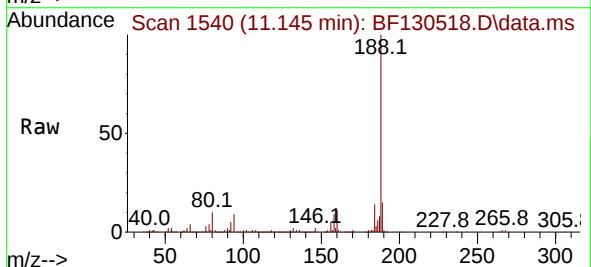
Manual Integrations
APPROVED

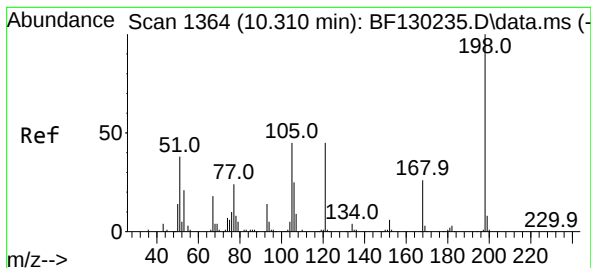
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion:188 Resp: 196183
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.1 7.9 11.9





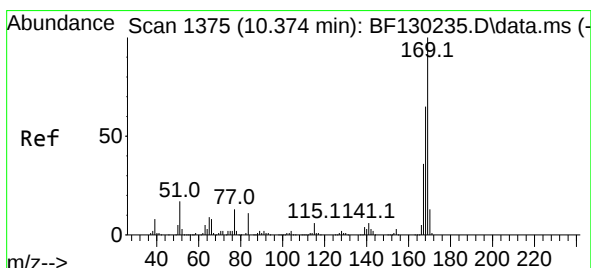
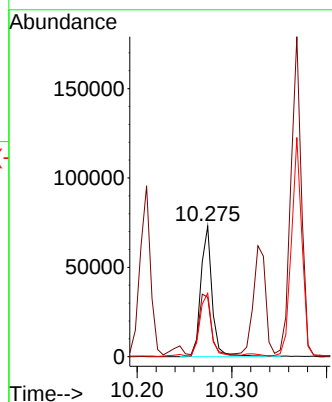
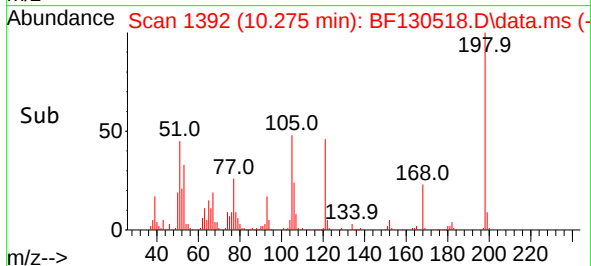
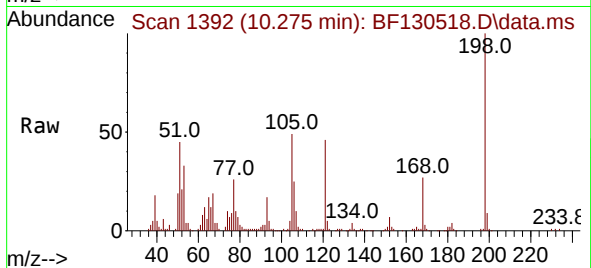
#65
4,6-Dinitro-2-methylphenol
Concen: 55.559 ng
RT: 10.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:198 Resp: 6067
Ion Ratio Lower Upper
198 100
51 45.4 36.9 76.9
105 48.6 33.0 73.0

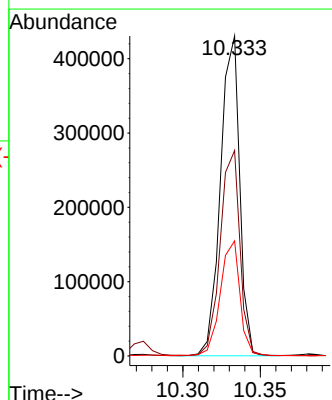
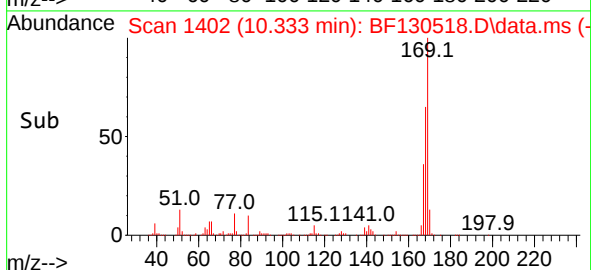
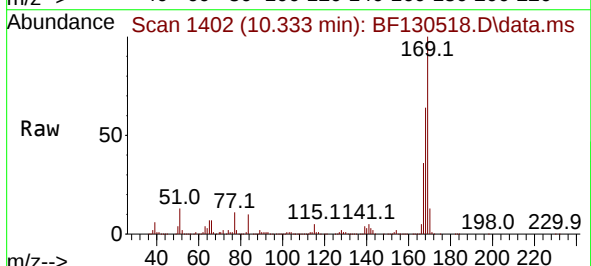
Manual Integrations
APPROVED

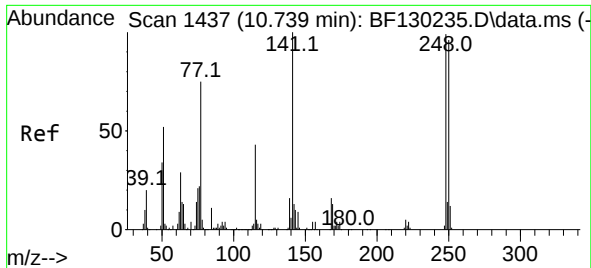
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#66
n-Nitrosodiphenylamine
Concen: 56.488 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

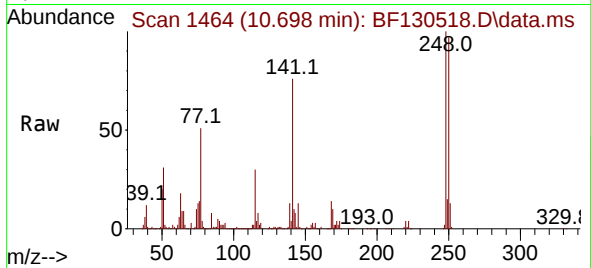
Tgt Ion:169 Resp: 370328
Ion Ratio Lower Upper
169 100
168 64.2 53.2 79.8
167 36.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 60.336 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

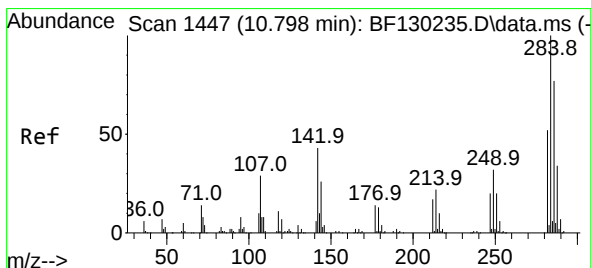
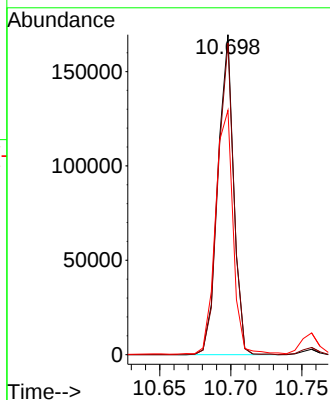
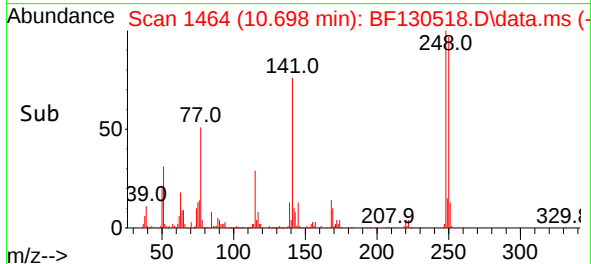
Instrument :
BNA_F
ClientSampleId :
S1MSD



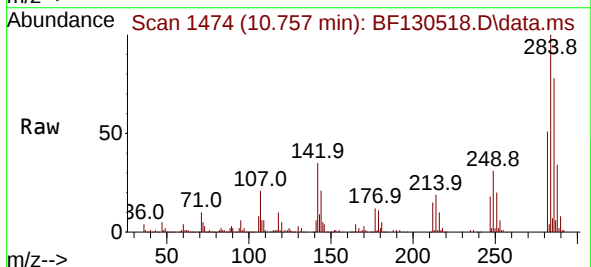
Tgt Ion:248 Resp: 130580
Ion Ratio Lower Upper
248 100
250 97.4 80.0 120.0
141 76.3 68.5 102.7

Manual Integrations
APPROVED

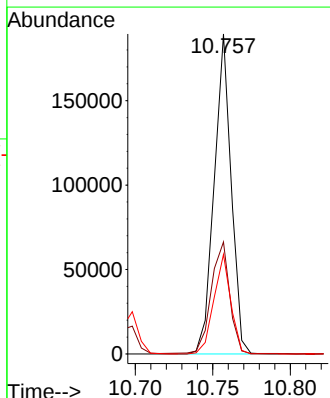
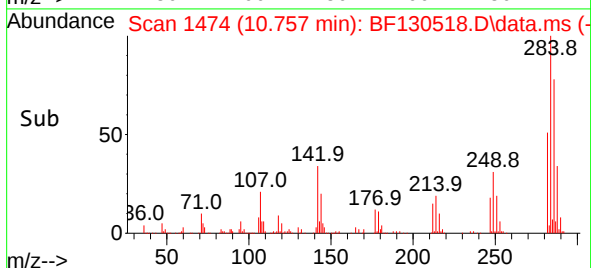
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

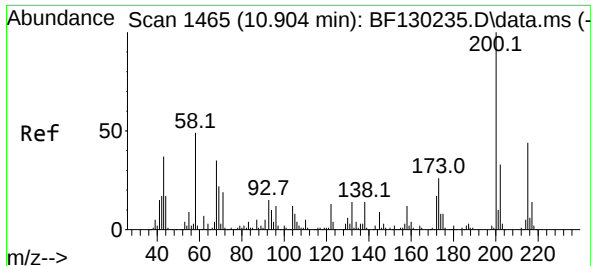


#68
Hexachlorobenzene
Concen: 58.845 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



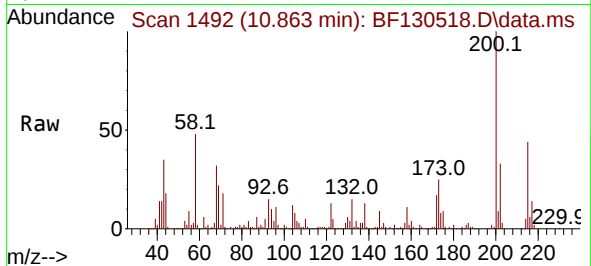
Tgt Ion:284 Resp: 144364
Ion Ratio Lower Upper
284 100
142 35.0 27.2 40.8
249 31.1 23.8 35.8





#69
Atrazine
Concen: 45.245 ng
RT: 10.863 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

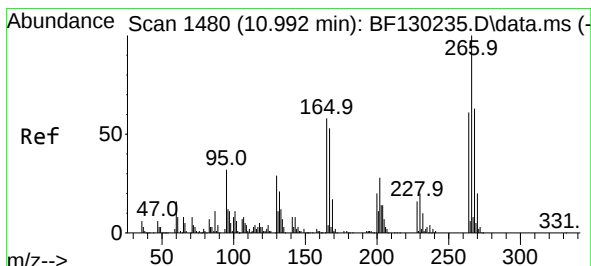
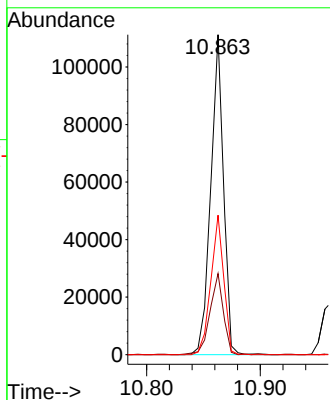
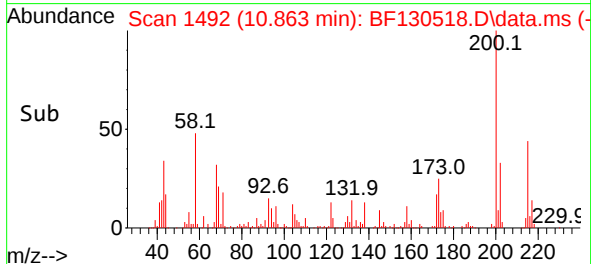
Instrument :
BNA_F
ClientSampleId :
S1MSD



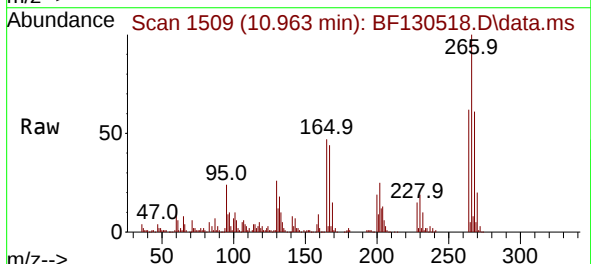
Tgt Ion:200 Resp: 86684
Ion Ratio Lower Upper
200 100
173 25.3 6.2 46.2
215 43.6 22.5 62.5

Manual Integrations
APPROVED

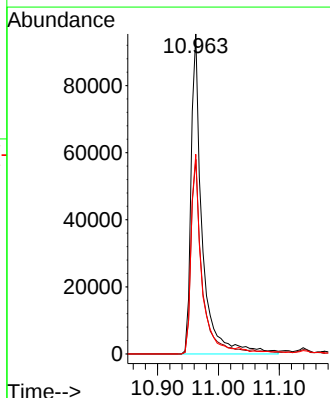
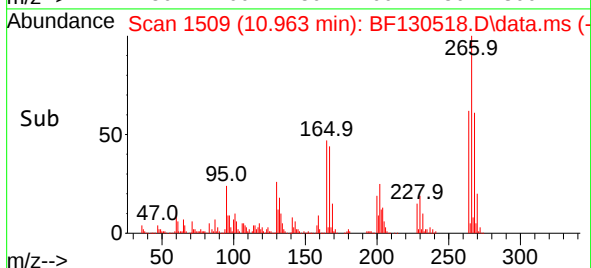
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

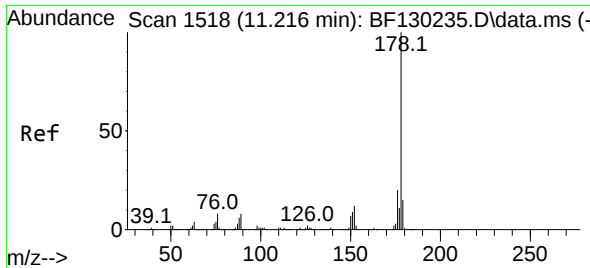


#70
Pentachlorophenol
Concen: 92.198 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



Tgt Ion:266 Resp: 121392
Ion Ratio Lower Upper
266 100
268 60.8 50.5 75.7
264 62.4 50.5 75.7





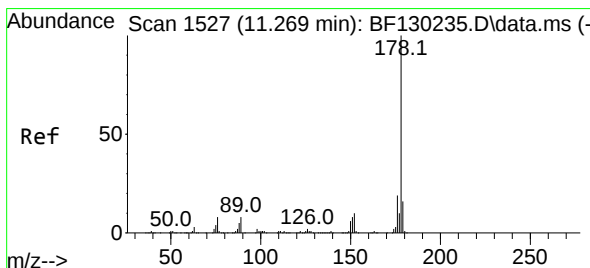
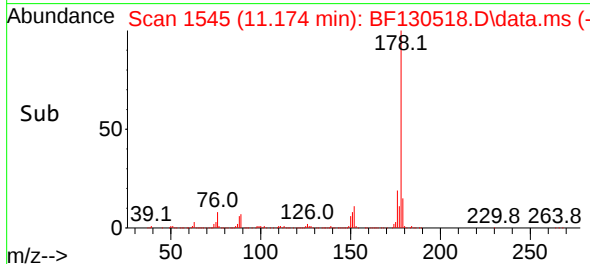
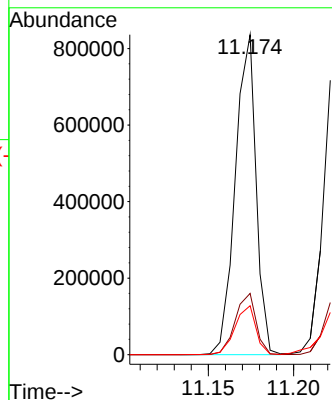
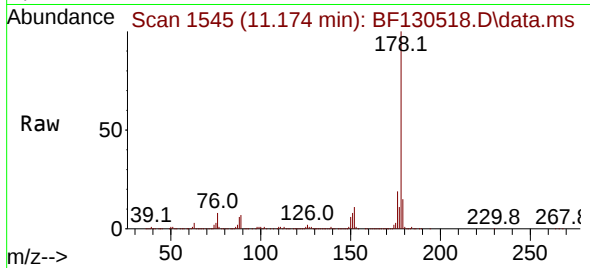
#71
Phenanthrene
Concen: 64.513 ng
RT: 11.174 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:178 Resp: 71058
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.4 18.6

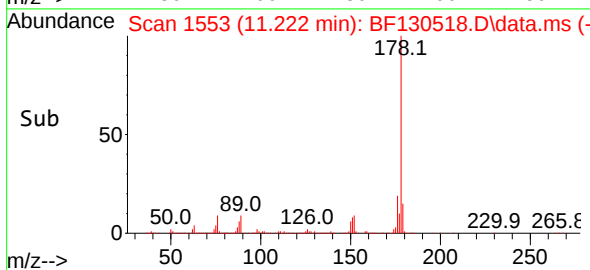
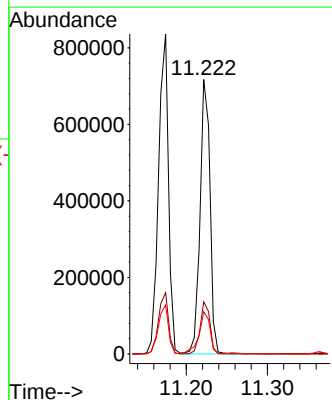
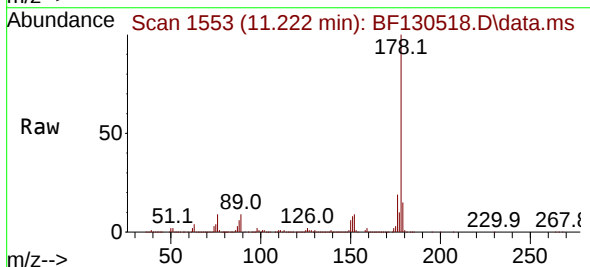
Manual Integrations
APPROVED

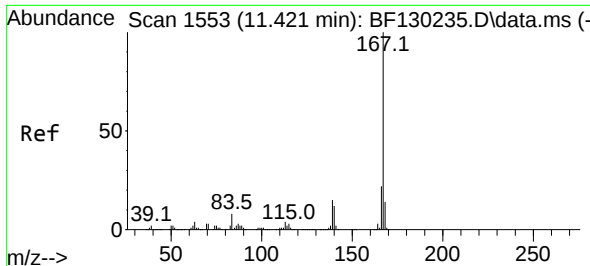
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#72
Anthracene
Concen: 57.749 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

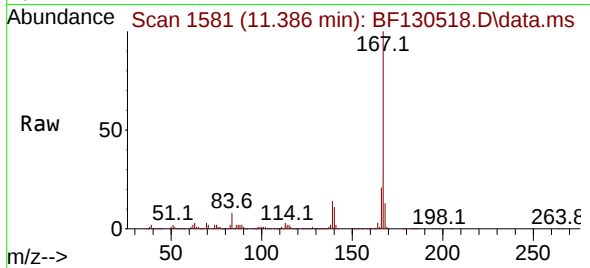
Tgt Ion:178 Resp: 613832
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.4 12.7 19.1





#73
 Carbazole
 Concen: 74.655 ng
 RT: 11.386 min Scan# 1637
 Delta R.T. -0.006 min
 Lab File: BF130518.D
 Acq: 04 Oct 2022 15:10

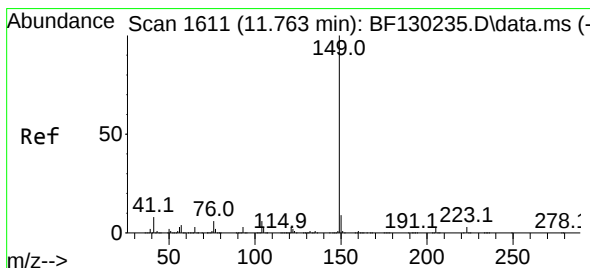
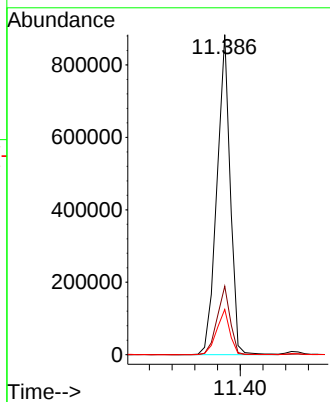
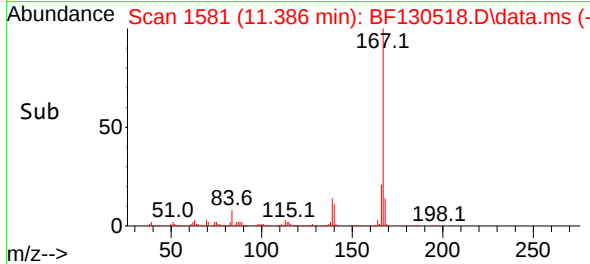
Instrument :
 BNA_F
 ClientSampleId :
 S1MSD



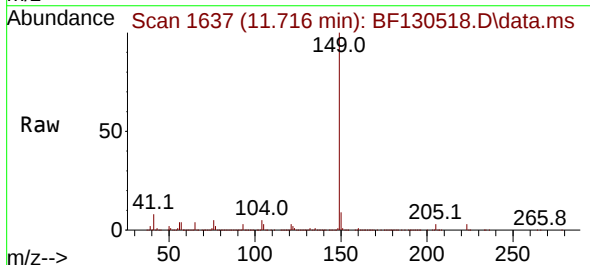
Tgt Ion:167 Resp: 716144
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 14.1 11.6 17.4

Manual Integrations
 APPROVED

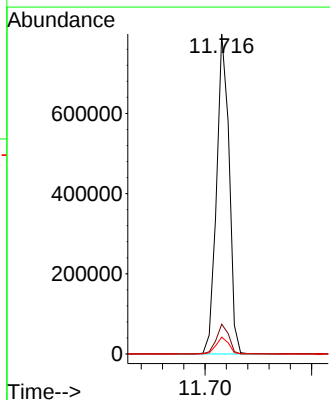
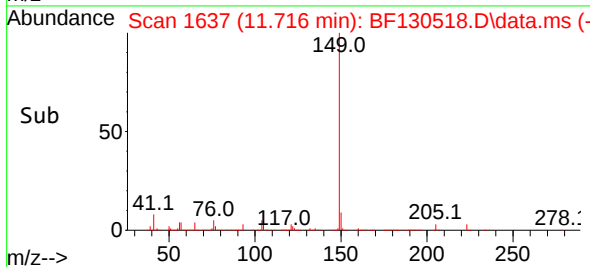
Reviewed By :Jagrut Upadhyay 10/05/2022
 Supervised By :mohammad ahmed 10/06/2022

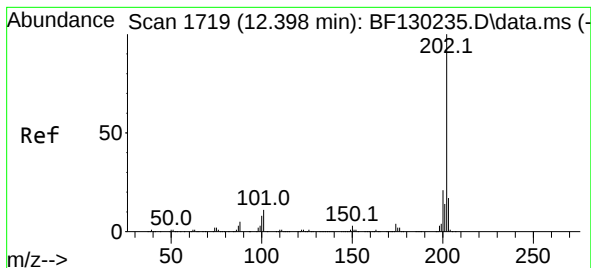


#74
 Di-n-butylphthalate
 Concen: 56.227 ng
 RT: 11.716 min Scan# 1637
 Delta R.T. -0.012 min
 Lab File: BF130518.D
 Acq: 04 Oct 2022 15:10



Tgt Ion:149 Resp: 650427
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 4.8 7.2





#75

Fluoranthene

Concen: 54.026 ng

RT: 12.357 min Scan# 1746

Delta R.T. -0.012 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

S1MSD

Tgt Ion:202 Resp: 575018

Ion Ratio Lower Upper

202 100

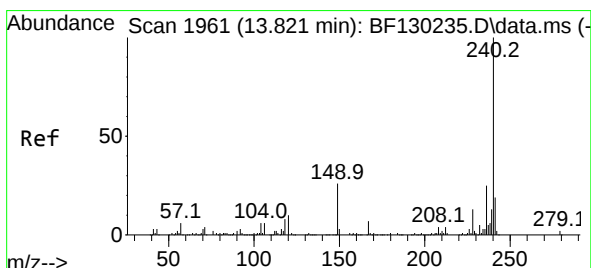
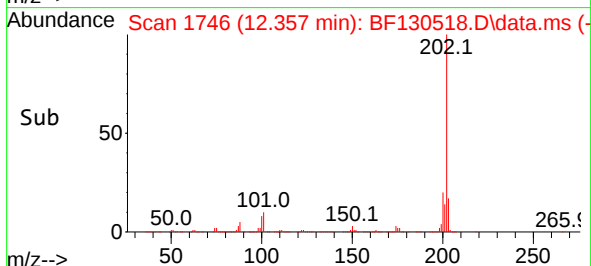
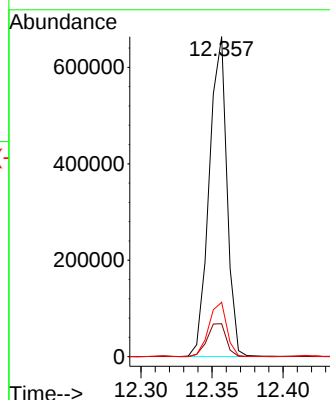
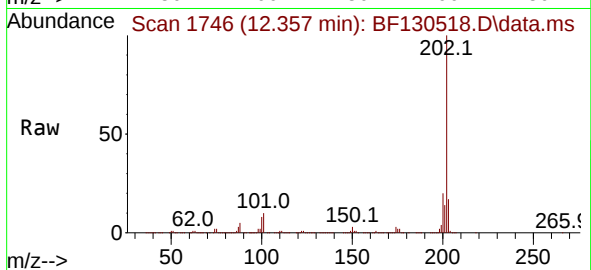
101 10.3 0.0 31.8

203 17.0 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.780 min Scan# 1988

Delta R.T. -0.012 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

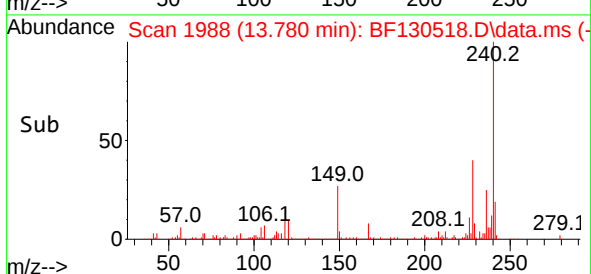
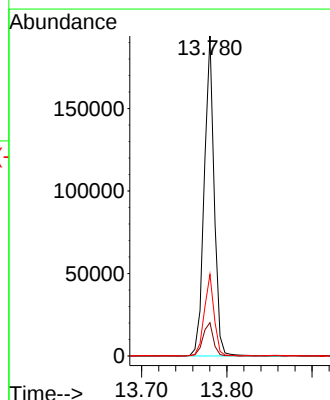
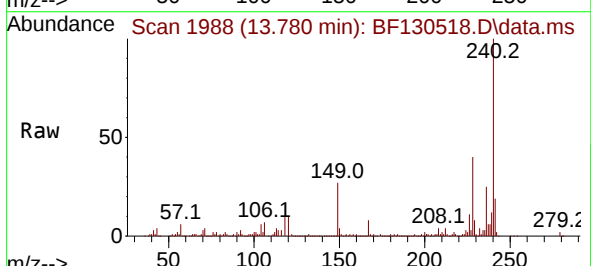
Tgt Ion:240 Resp: 156441

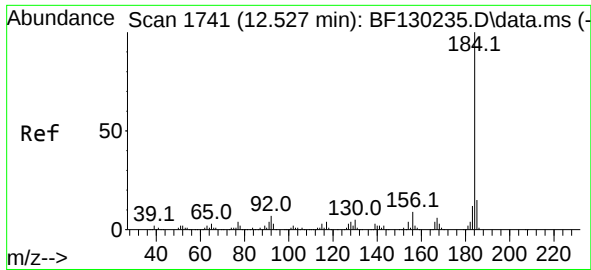
Ion Ratio Lower Upper

240 100

120 10.4 8.7 13.1

236 25.5 20.9 31.3





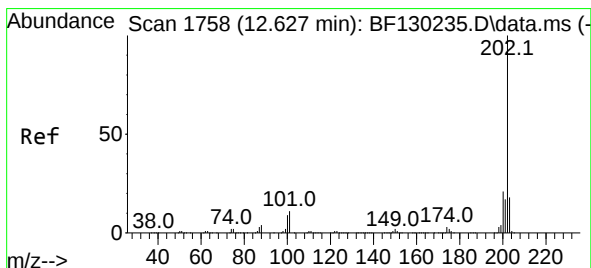
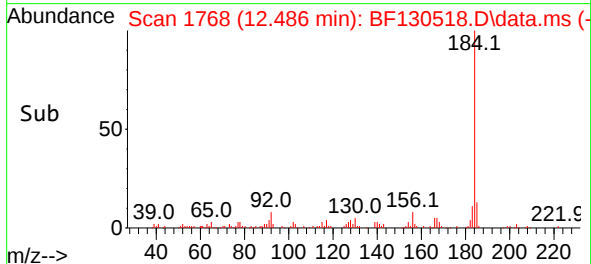
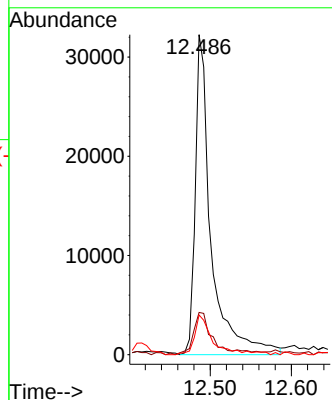
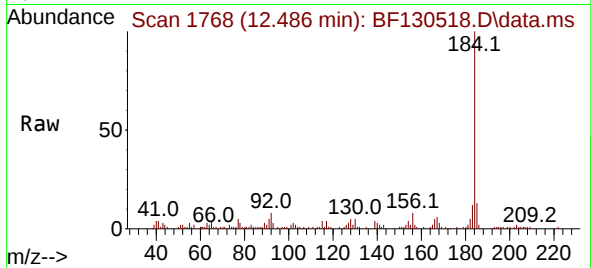
#77
Benzidine
Concen: 9.659 ng
RT: 12.486 min Scan# 1741
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Instrument :
BNA_F
ClientSampleId :
S1MSD

Tgt Ion:184 Resp: 4386
Ion Ratio Lower Upper
184 100
185 13.2 11.8 17.6
183 12.4 9.1 13.7

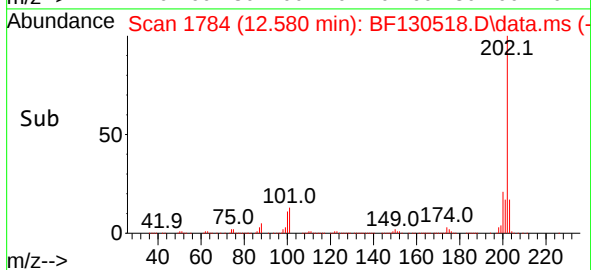
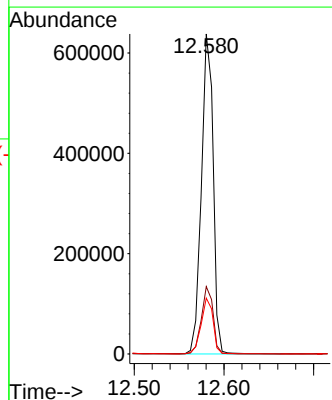
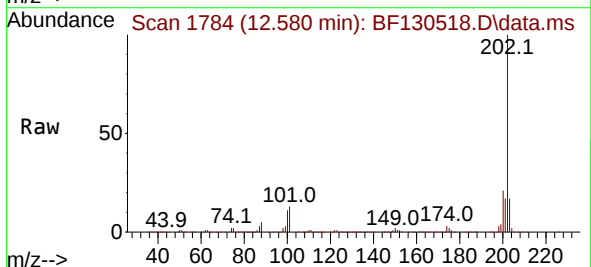
Manual Integrations
APPROVED

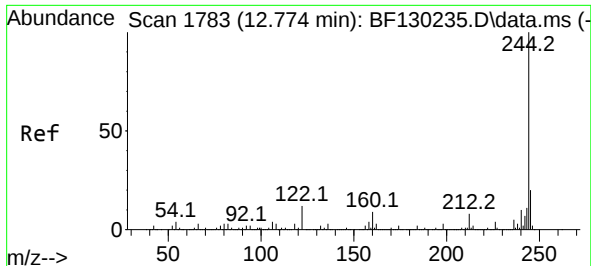
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#78
Pyrene
Concen: 42.501 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

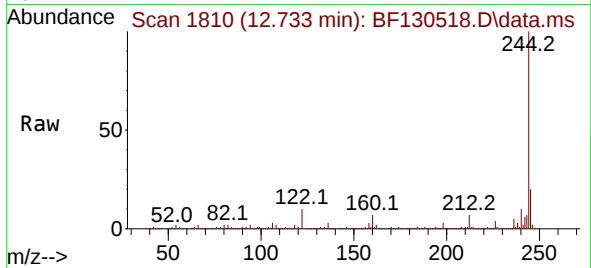
Tgt Ion:202 Resp: 581653
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.5 14.3 21.5





#79
Terphenyl-d14
Concen: 86.016 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

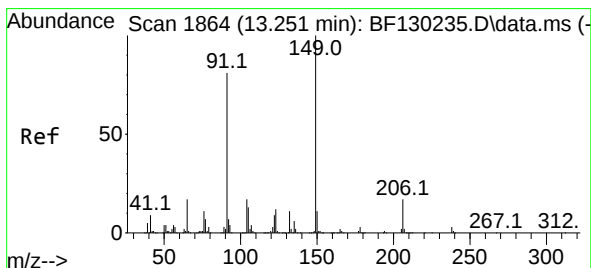
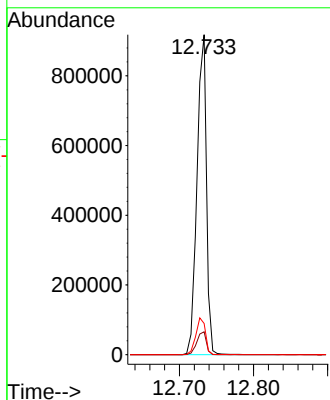
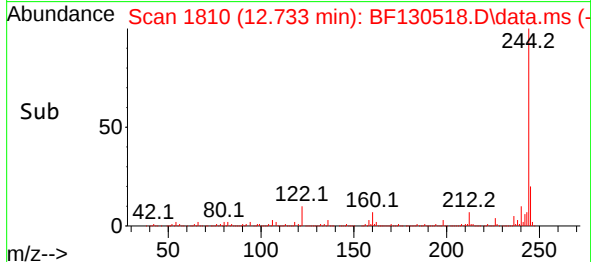
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:244 Resp: 812344
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.8 8.5 12.7

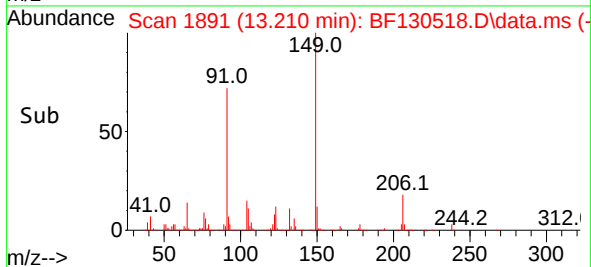
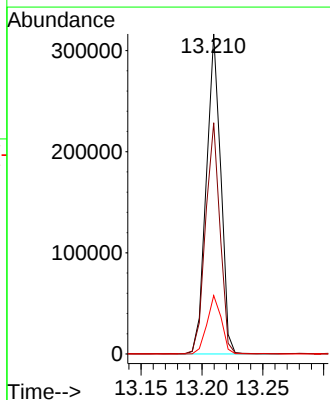
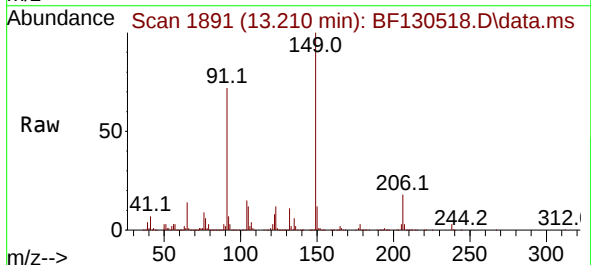
Manual Integrations
APPROVED

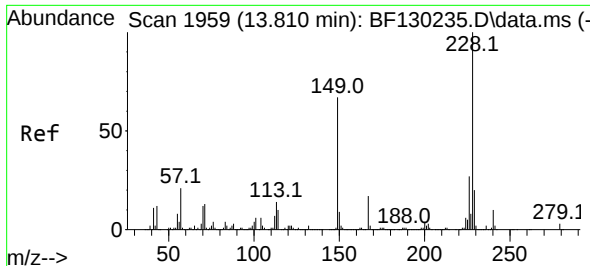
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#80
Butylbenzylphthalate
Concen: 51.056 ng
RT: 13.210 min Scan# 1891
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

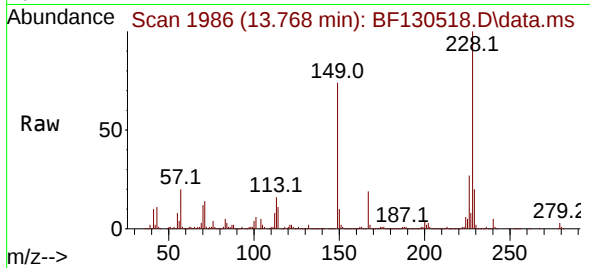
Tgt Ion:149 Resp: 258849
Ion Ratio Lower Upper
149 100
91 72.2 59.8 89.8
206 18.3 13.9 20.9





#81
Benzo(a)anthracene
Concen: 53.009 ng
RT: 13.768 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

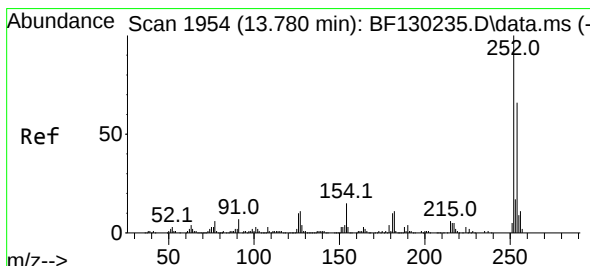
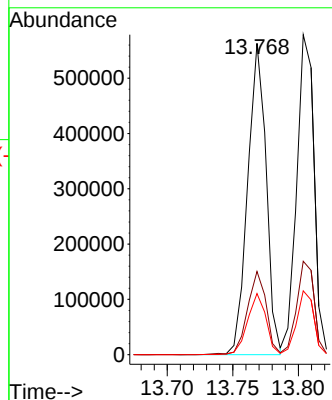
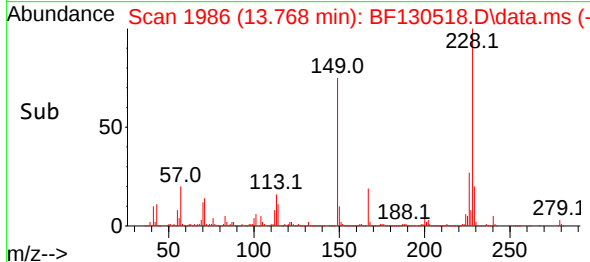
Instrument :
BNA_F
ClientSampleId :
S1MSD



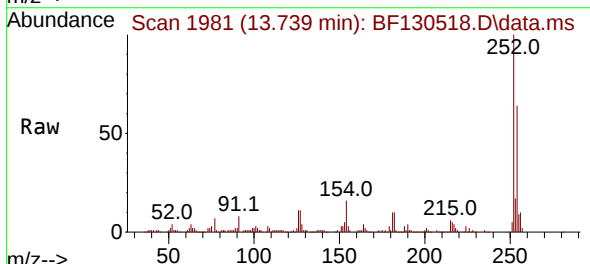
Tgt Ion:228 Resp: 55168
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.7 16.1 24.1

Manual Integrations
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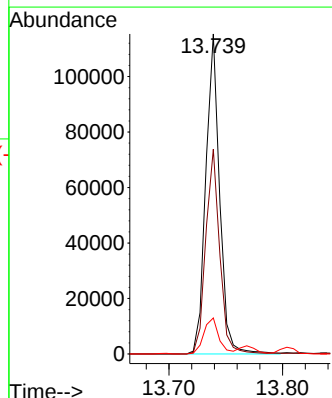
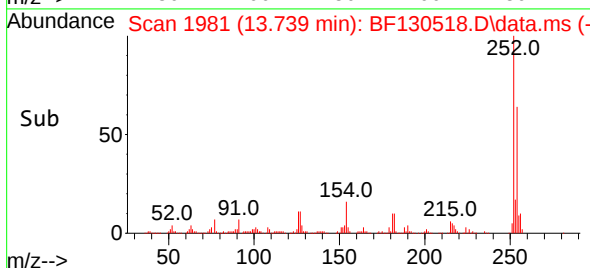
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022

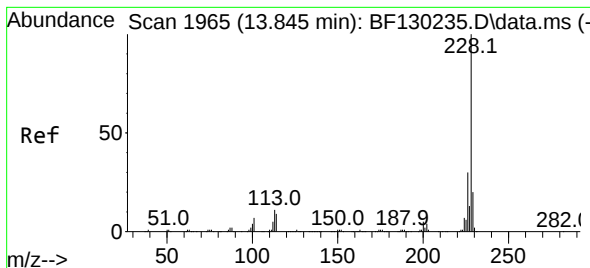


#82
3,3'-Dichlorobenzidine
Concen: 34.477 ng
RT: 13.739 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



Tgt Ion:252 Resp: 97673
Ion Ratio Lower Upper
252 100
254 64.0 51.1 76.7
126 11.3 10.4 15.6





#83

Chrysene

Concen: 54.024 ng

RT: 13.804 min Scan# 1992

Delta R.T. -0.012 min

Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Instrument :

BNA_F

ClientSampleId :

S1MSD

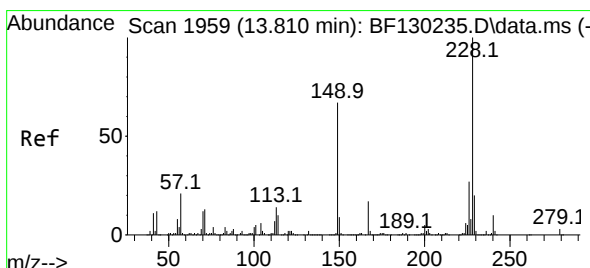
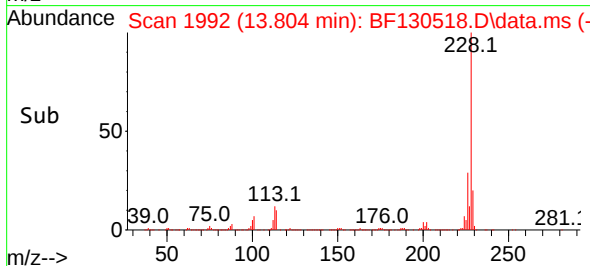
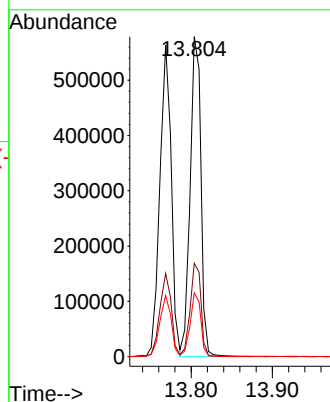
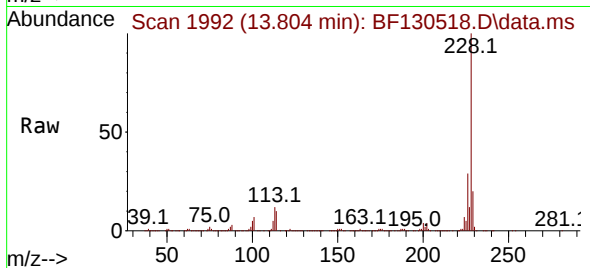
Tgt Ion:228 Resp: 53385

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	19.9	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.103 ng

RT: 13.768 min Scan# 1986

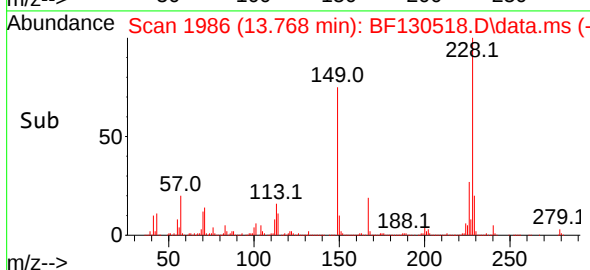
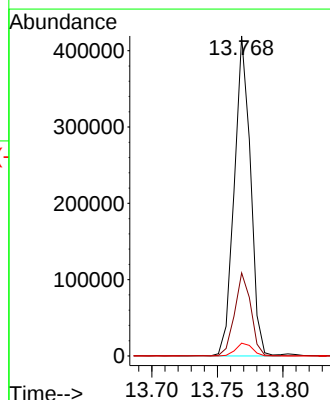
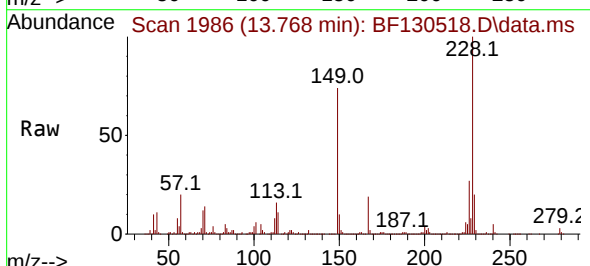
Delta R.T. -0.012 min

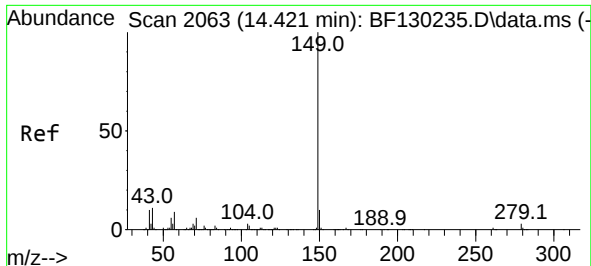
Lab File: BF130518.D

Acq: 04 Oct 2022 15:10

Tgt Ion:149 Resp: 360650

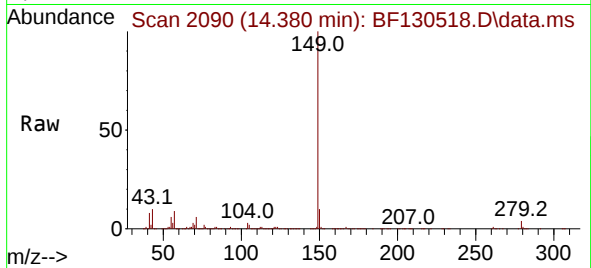
Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.5	30.7
279	4.0	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 72.777 ng
RT: 14.380 min Scan# 2063
Delta R.T. -0.012 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

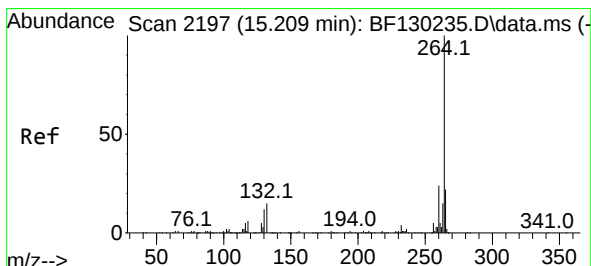
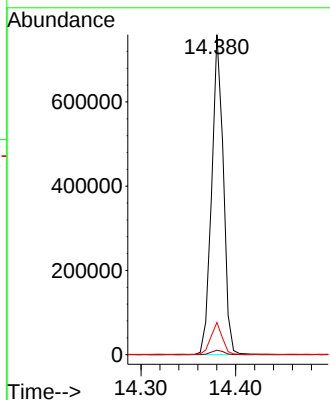
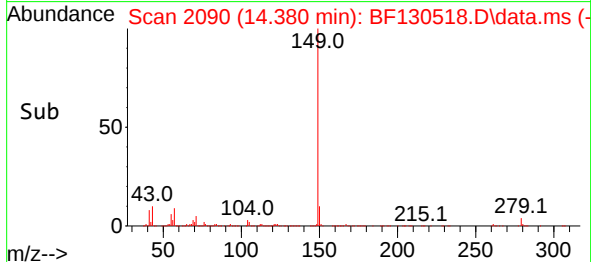
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:149 Resp: 646423
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 8.7 13.1

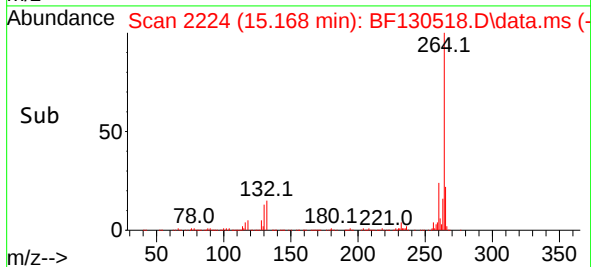
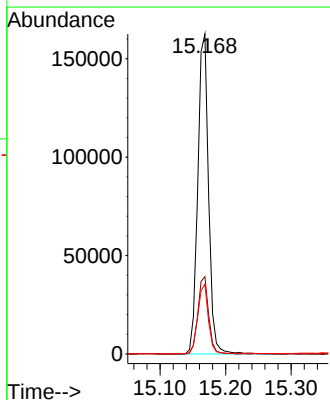
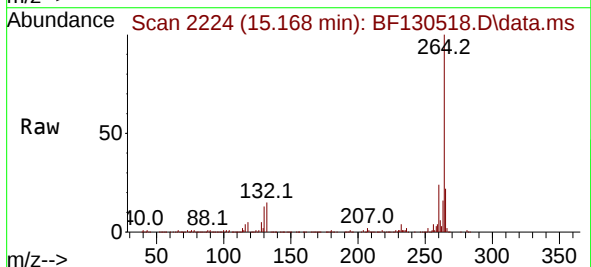
Manual Integrations
APPROVED

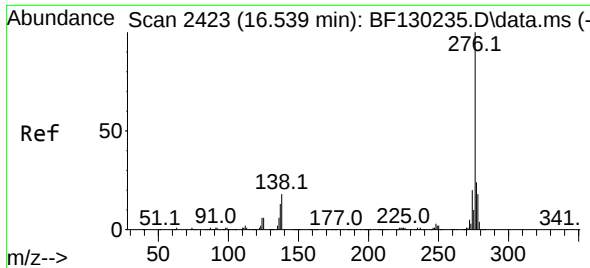
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

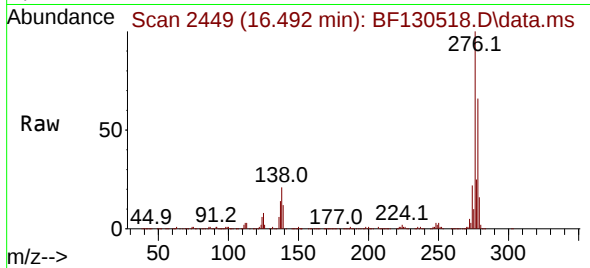
Tgt Ion:264 Resp: 186083
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 21.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.224 ng
RT: 16.492 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

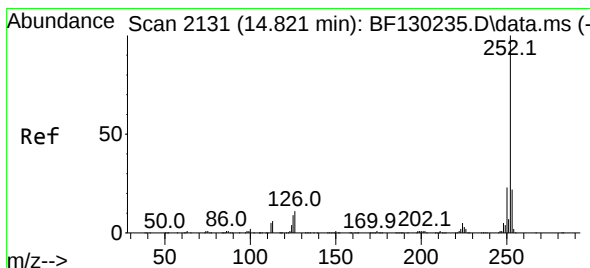
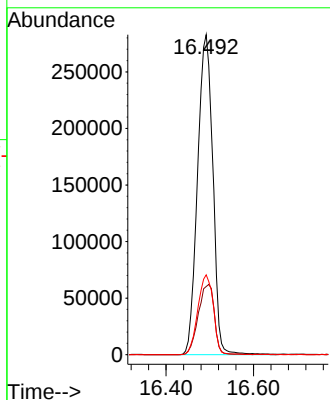
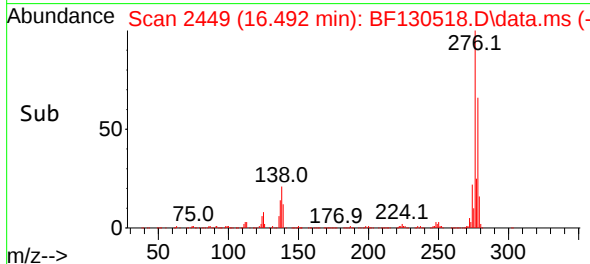
Instrument :
BNA_F
ClientSampleId :
S1MSD



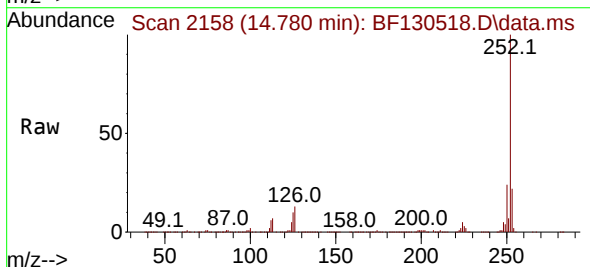
Tgt Ion: 276 Resp: 68914
Ion Ratio Lower Upper
276 100
138 22.9 18.5 27.7
277 25.3 20.2 30.4

Manual Integrations
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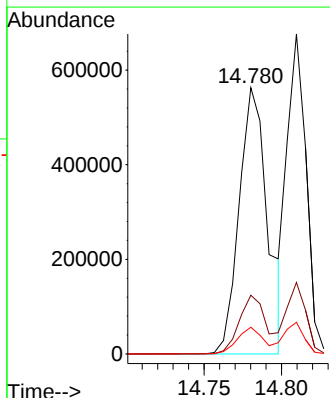
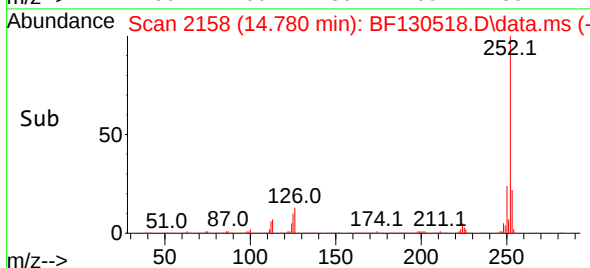
Reviewed By : Jagrut Upadhyay 10/05/2022
Supervised By : mohammad ahmed 10/06/2022

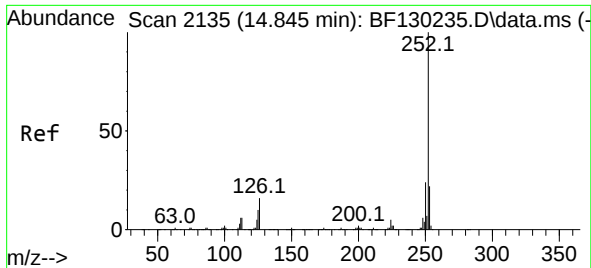


#88
Benzo(b)fluoranthene
Concen: 59.008 ng
RT: 14.780 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10



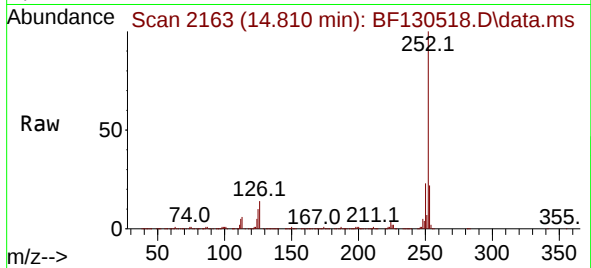
Tgt Ion: 252 Resp: 716687
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 48.632 ng
RT: 14.810 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

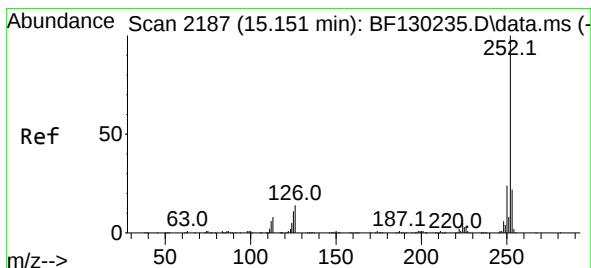
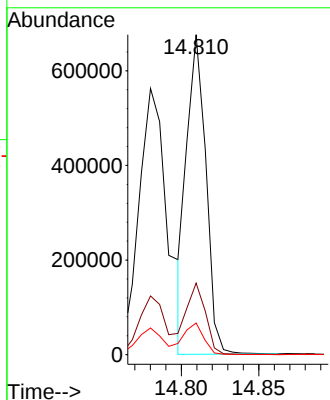
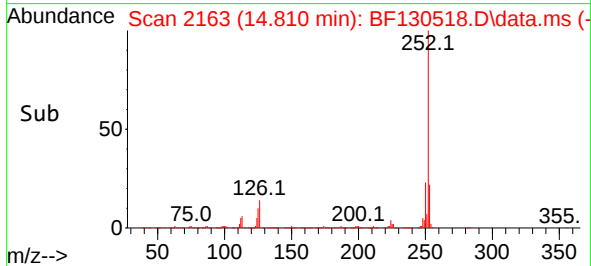
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:252 Resp: 58103
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 9.9 7.9 11.9

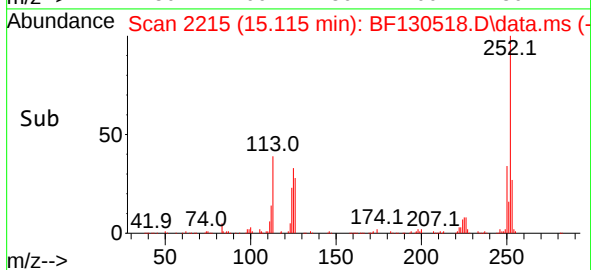
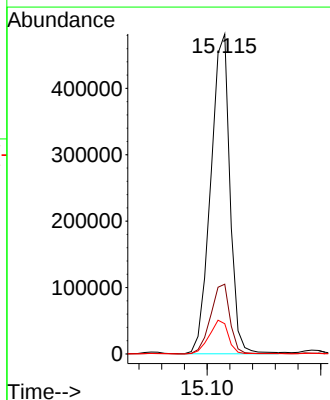
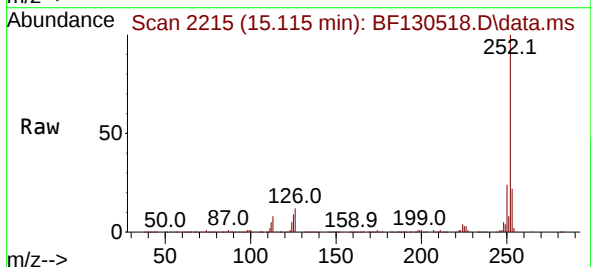
Manual Integrations
APPROVED

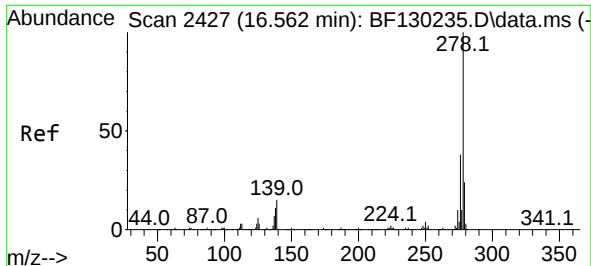
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#90
Benzo(a)pyrene
Concen: 58.639 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

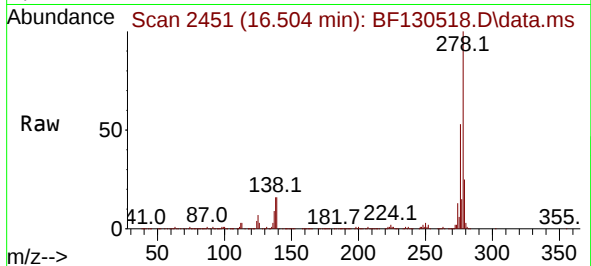
Tgt Ion:252 Resp: 564232
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.5 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 56.188 ng
RT: 16.504 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

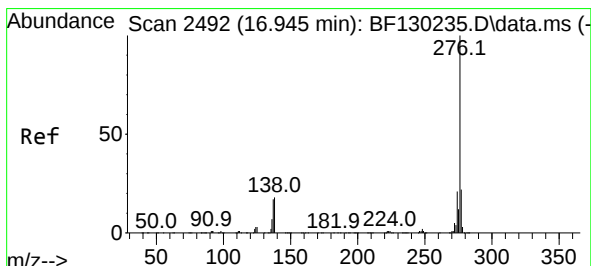
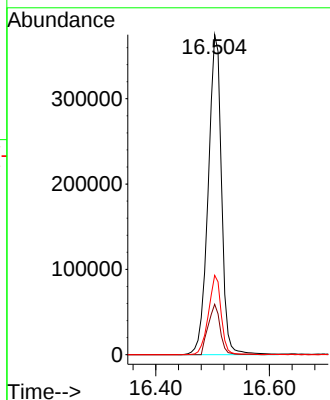
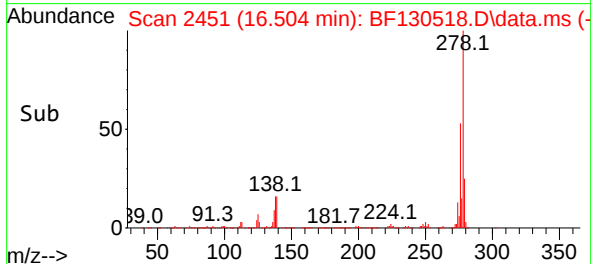
Instrument :
BNA_F
ClientSampleId :
S1MSD



Tgt Ion:278 Resp: 608254
Ion Ratio Lower Upper
278 100
139 15.7 11.8 17.8
279 24.8 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#92
Benzo(g,h,i)perylene
Concen: 51.538 ng
RT: 16.892 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BF130518.D
Acq: 04 Oct 2022 15:10

Tgt Ion:276 Resp: 562009
Ion Ratio Lower Upper
276 100
277 23.4 18.6 27.8
138 19.0 14.6 21.8

