

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133730.D
 Acq On : 13 Jun 2023 14:45
 Operator : CG\JU
 Sample : 03103-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-8-060823MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 15:14:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	71000	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	224550	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	98771	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	209450	20.000	ng	0.00
76) Chrysene-d12	14.015	240	173190	20.000	ng	0.00
86) Perylene-d12	15.480	264	124553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	233847	57.339	ng	0.00
7) Phenol-d6	6.463	99	257715	48.546	ng	0.00
23) Nitrobenzene-d5	7.398	82	168743	40.930	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	70178	56.131	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	279135	40.173	ng	0.00
79) Terphenyl-d14	12.957	244	388227	34.686	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	68882	38.417	ng	95
3) Pyridine	3.340	79	175357	33.554	ng	97
4) n-Nitrosodimethylamine	3.293	42	125902	43.583	ng	96
6) Aniline	6.516	93	166184m	24.854	ng	
8) 2-Chlorophenol	6.616	128	162374	37.779	ng	98
9) Benzaldehyde	6.381	77	96942	27.524	ng	93
10) Phenol	6.481	94	200142	36.105	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	163394	39.704	ng	96
12) 1,3-Dichlorobenzene	6.775	146	188566	41.063	ng	97
13) 1,4-Dichlorobenzene	6.851	146	186384	40.158	ng	96
14) 1,2-Dichlorobenzene	7.004	146	174978	41.722	ng	99
15) Benzyl Alcohol	6.975	79	148175	35.737	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	273441	39.197	ng	100
17) 2-Methylphenol	7.086	107	124195	32.601	ng	98
18) Hexachloroethane	7.345	117	67576	42.529	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	118661	35.132	ng	94
20) 3+4-Methylphenols	7.239	107	155708	31.420	ng	# 81
22) Acetophenone	7.245	105	230547	44.765	ng	# 97
24) Nitrobenzene	7.416	77	171478	41.307	ng	97
25) Isophorone	7.657	82	298356	39.419	ng	99
26) 2-Nitrophenol	7.733	139	78554	42.164	ng	97
27) 2,4-Dimethylphenol	7.769	122	128005	39.862	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	171913	39.299	ng	100
29) 2,4-Dichlorophenol	7.975	162	115196	36.603	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	131138	39.938	ng	97
31) Naphthalene	8.139	128	442030	40.405	ng	100
32) Benzoic acid	7.875	122	80038	39.521	ng	91
33) 4-Chloroaniline	8.192	127	102368	21.884	ng	97
34) Hexachlorobutadiene	8.257	225	86492	40.232	ng	98
35) Caprolactam	8.551	113	38364m	36.226	ng	
36) 4-Chloro-3-methylphenol	8.669	107	120466	33.208	ng	99
37) 2-Methylnaphthalene	8.833	142	275128	36.195	ng	99
38) 1-Methylnaphthalene	8.928	142	254005	36.314	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	121430	40.440	ng	98
41) Hexachlorocyclopentadiene	8.980	237	27086	20.242	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	78059	38.902	ng	98

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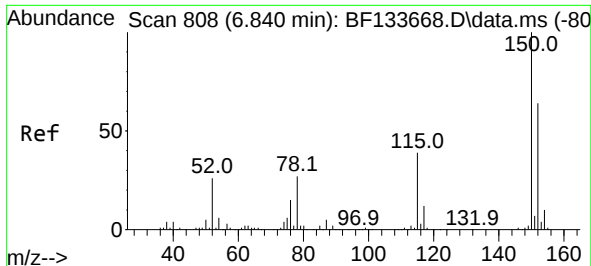
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	83471	35.757	ng	100
46) 1,1'-Biphenyl	9.292	154	327208	41.075	ng	99
47) 2-Chloronaphthalene	9.322	162	234585	41.053	ng	98
48) 2-Nitroaniline	9.416	65	83946	40.169	ng	94
49) Acenaphthylene	9.739	152	389158	39.129	ng	99
50) Dimethylphthalate	9.592	163	272230	36.925	ng	100
51) 2,6-Dinitrotoluene	9.657	165	58043	38.143	ng	# 72
52) Acenaphthene	9.910	154	247609	42.534	ng	98
53) 3-Nitroaniline	9.827	138	60953	32.914	ng	89
54) 2,4-Dinitrophenol	9.933	184	17659	27.767	ng	89
55) Dibenzofuran	10.080	168	384771	43.316	ng	97
56) 4-Nitrophenol	9.986	139	113937	91.164	ng	# 72
57) 2,4-Dinitrotoluene	10.063	165	79648	41.154	ng	99
58) Fluorene	10.422	166	324493	47.768	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	72596	41.538	ng	# 94
60) Diethylphthalate	10.292	149	285482	38.047	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	129968	38.755	ng	98
62) 4-Nitroaniline	10.439	138	67235	37.030	ng	89
63) Azobenzene	10.574	77	289477	40.753	ng	96
65) 4,6-Dinitro-2-methylph...	10.469	198	12843	12.832	ng	76
66) n-Nitrosodiphenylamine	10.533	169	245643	34.915	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	79285	33.915	ng	92
68) Hexachlorobenzene	10.974	284	94288	38.355	ng	94
69) Atrazine	11.063	200	83417	40.864	ng	98
70) Pentachlorophenol	11.169	266	108560	73.747	ng	99
71) Phenanthrene	11.392	178	753489	70.907	ng	100
72) Anthracene	11.445	178	547270	49.392	ng	100
73) Carbazole	11.598	167	456327	44.219	ng	99
74) Di-n-butylphthalate	11.927	149	501748	37.926	ng	99
75) Fluoranthene	12.592	202	1155099	102.361	ng	99
77) Benzidine	12.710	184	214167	36.852	ng	99
78) Pyrene	12.821	202	1112103	68.932	ng	99
80) Butylbenzylphthalate	13.433	149	244248	35.861	ng	97
81) Benzo(a)anthracene	14.010	228	770839	64.346	ng	97
82) 3,3'-Dichlorobenzidine	13.968	252	154147	38.704	ng	99
83) Chrysene	14.045	228	698497	61.647	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	333877	39.813	ng	99
85) Di-n-octyl phthalate	14.604	149	546605	45.866	ng	97
87) Indeno(1,2,3-cd)pyrene	16.956	276	408326	47.652	ng	99
88) Benzo(b)fluoranthene	15.057	252	644966	85.245	ng	97
89) Benzo(k)fluoranthene	15.086	252	376967	51.147	ng	97
90) Benzo(a)pyrene	15.421	252	457772	65.192	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	259824	36.625	ng	99
92) Benzo(g,h,i)perylene	17.403	276	347563	49.414	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

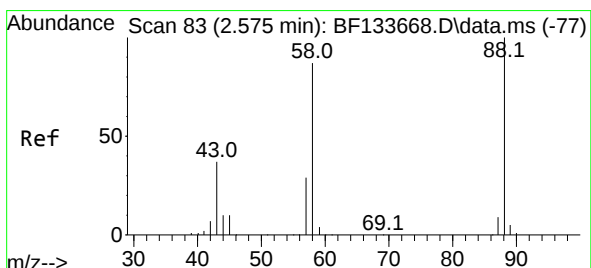
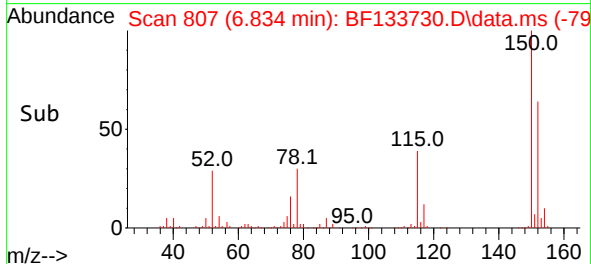
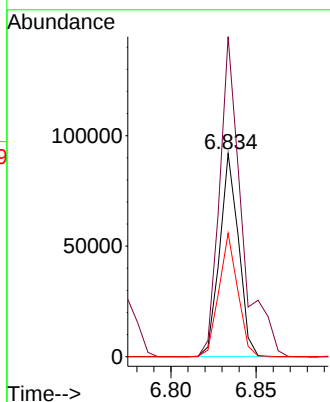
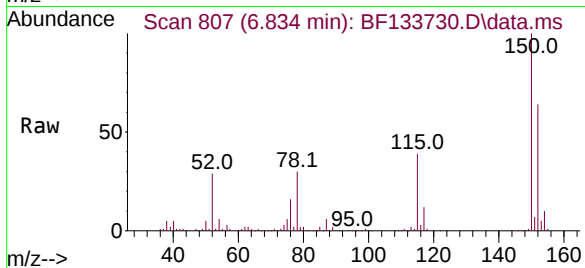
NB-8-060823MSD

Tgt Ion:152 Resp: 71000
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 60.8 48.5 72.7

Manual Integrations

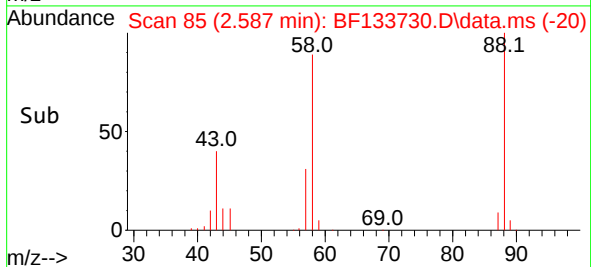
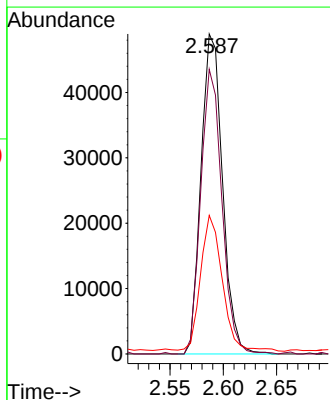
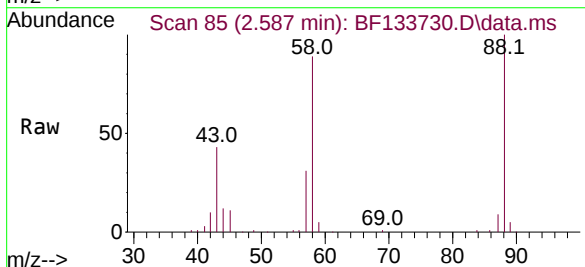
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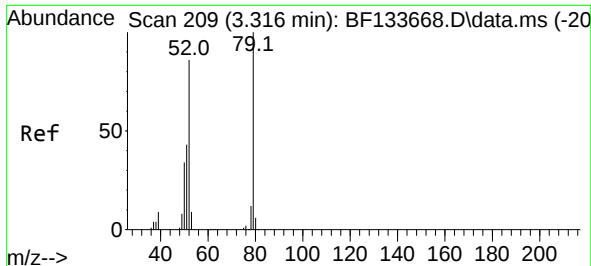
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 38.417 ng
RT: 2.587 min Scan# 85
Delta R.T. 0.035 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

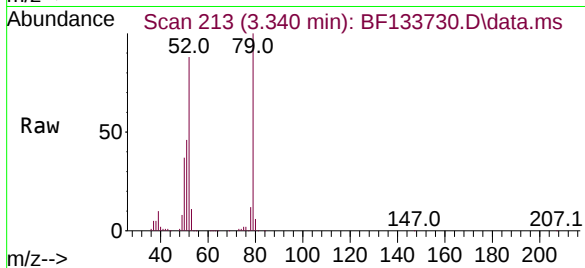
Tgt Ion: 88 Resp: 68882
Ion Ratio Lower Upper
88 100
58 87.7 67.8 101.6
43 43.1 29.8 44.6





#3
Pyridine
Concen: 33.554 ng
RT: 3.340 min Scan# 210
Delta R.T. 0.035 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

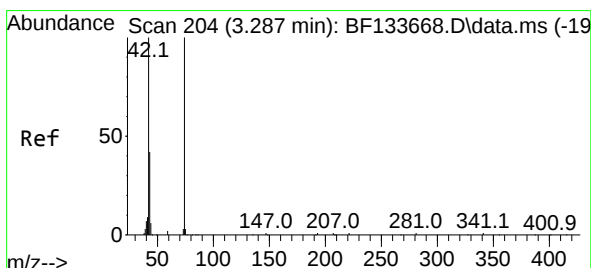
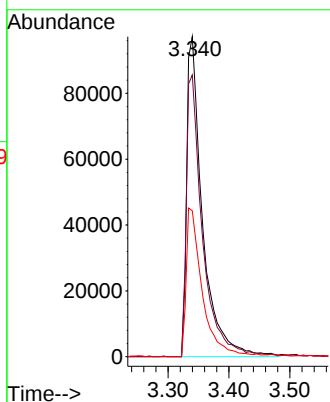
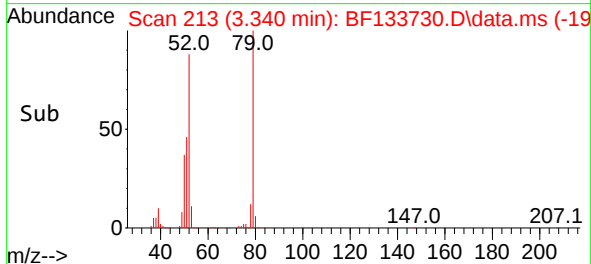
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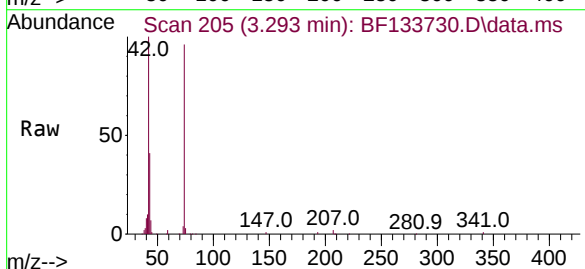
Tgt Ion: 79 Resp: 17535
Ion Ratio Lower Upper
79 100
52 88.1 68.6 102.8
51 45.6 34.8 52.2

Manual Integrations
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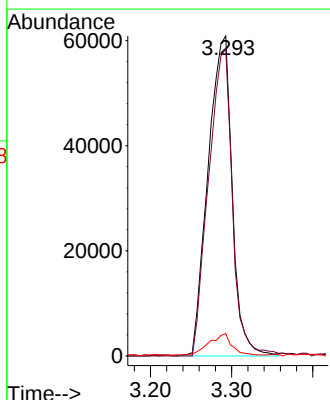
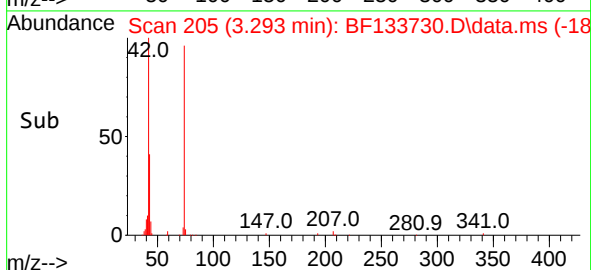
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

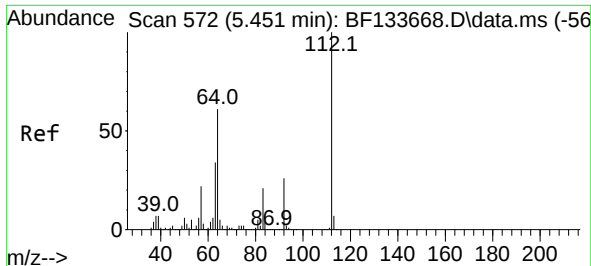


#4
n-Nitrosodimethylamine
Concen: 43.583 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.035 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45



Tgt Ion: 42 Resp: 125902
Ion Ratio Lower Upper
42 100
74 96.1 79.8 119.8
44 7.0 4.7 7.1





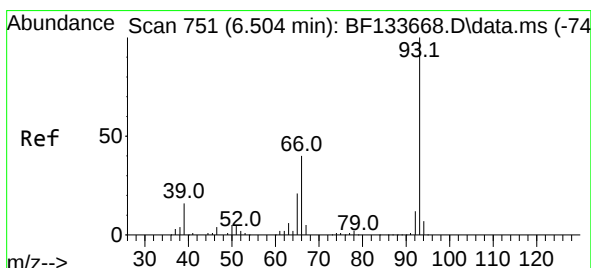
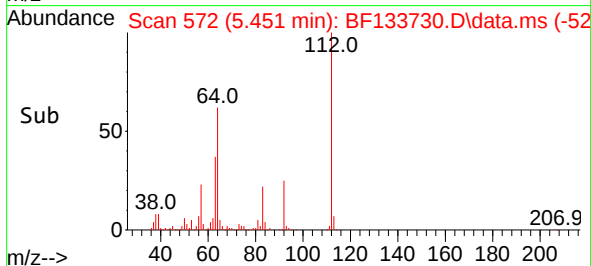
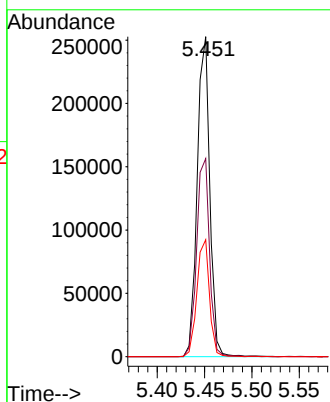
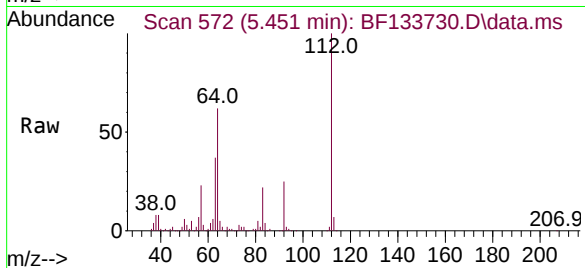
#5
2-Fluorophenol
Concen: 57.339 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

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ClientSampleId :
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Tgt Ion:112 Resp: 23384
Ion Ratio Lower Upper
112 100
64 61.9 49.0 73.4
63 36.5 26.8 40.2

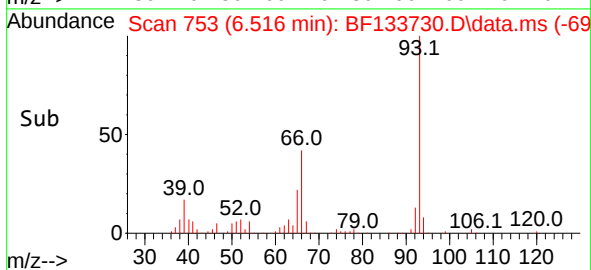
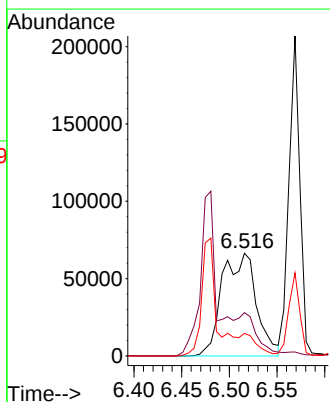
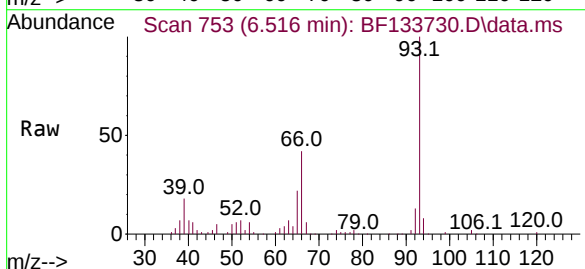
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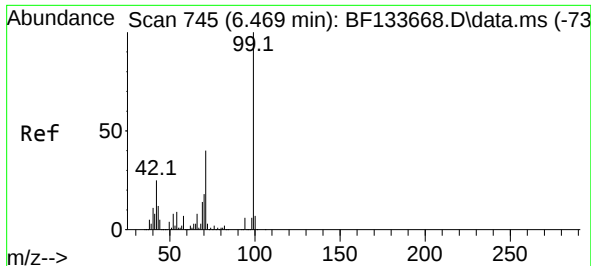
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#6
Aniline
Concen: 24.854 ng m
RT: 6.516 min Scan# 753
Delta R.T. 0.018 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

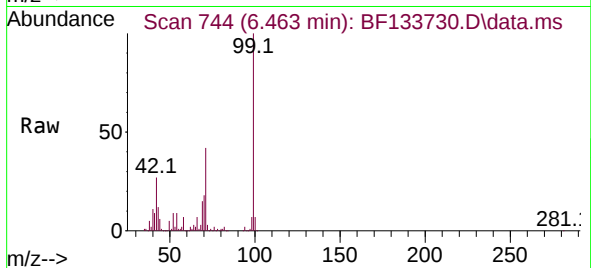
Tgt Ion: 93 Resp: 166184
Ion Ratio Lower Upper
93 100
66 42.2 34.4 51.6
65 22.0 17.5 26.3





#7
Phenol-d6
Concen: 48.546 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

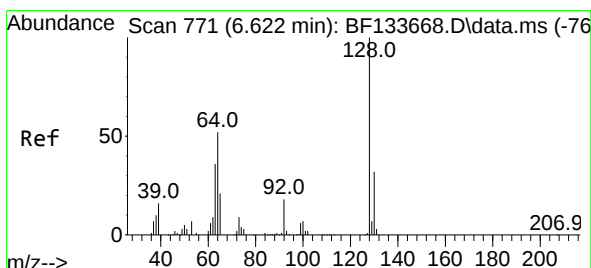
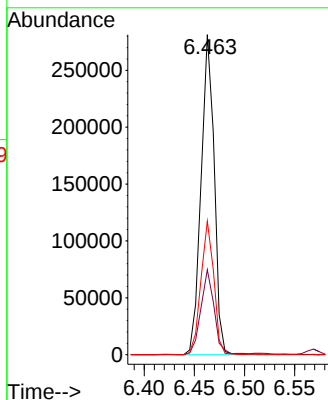
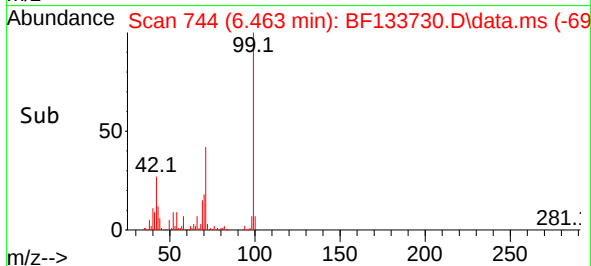
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Tgt Ion: 99 Resp: 257715
Ion Ratio Lower Upper
99 100
42 26.6 19.9 29.9
71 41.7 32.2 48.4

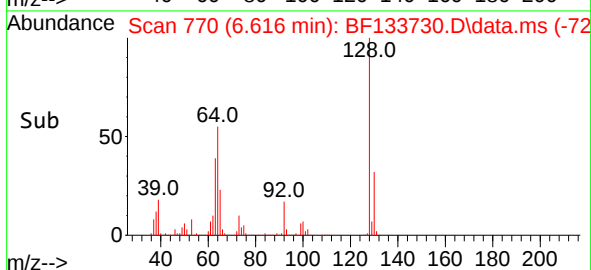
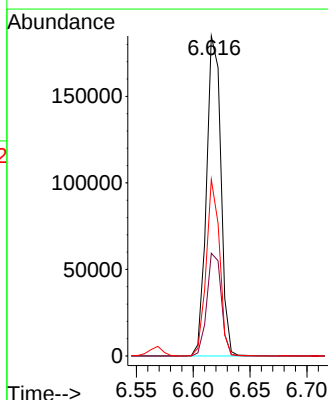
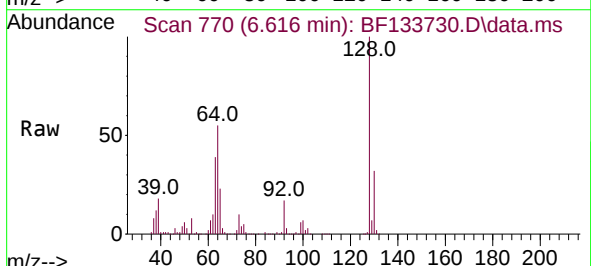
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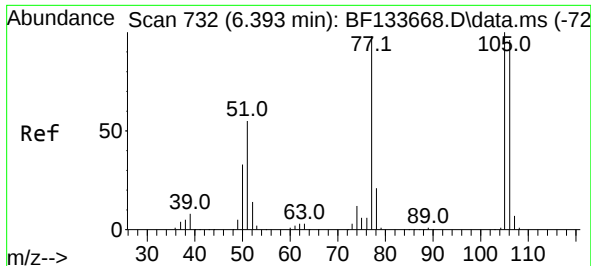
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#8
2-Chlorophenol
Concen: 37.779 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

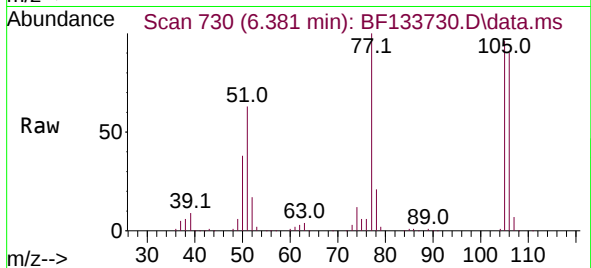
Tgt Ion:128 Resp: 162374
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 55.2 33.1 73.1





#9
Benzaldehyde
Concen: 27.524 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

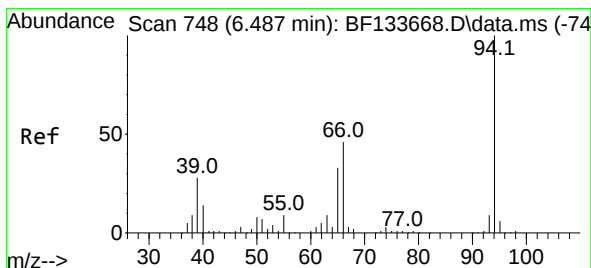
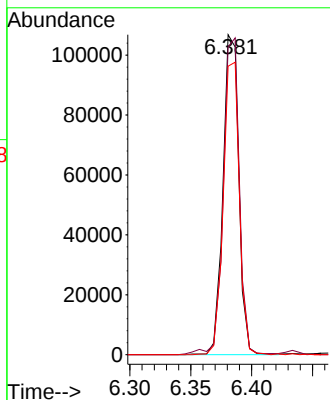
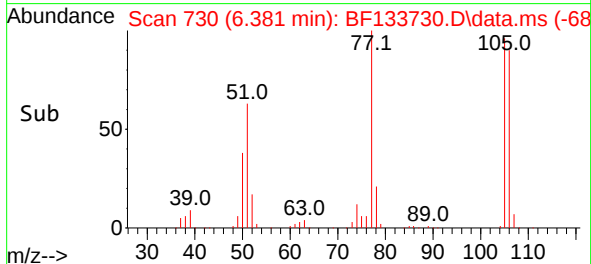
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



Tgt Ion: 77 Resp: 9694
Ion Ratio Lower Upper
77 100
105 96.2 82.0 122.0
106 90.2 77.6 117.6

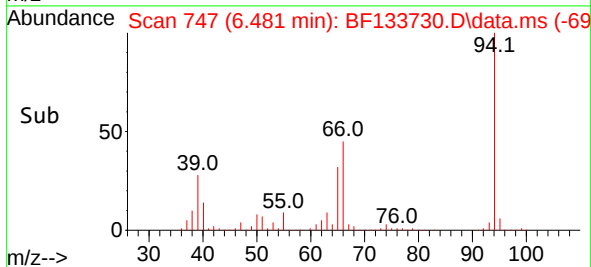
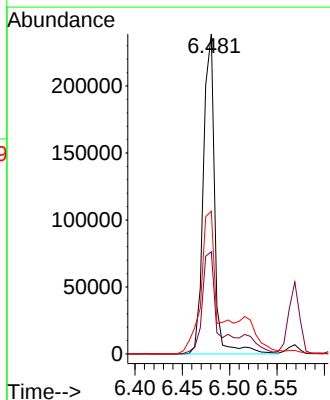
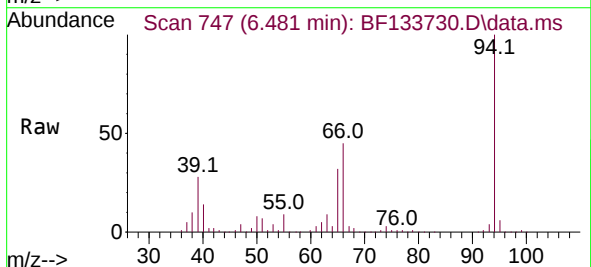
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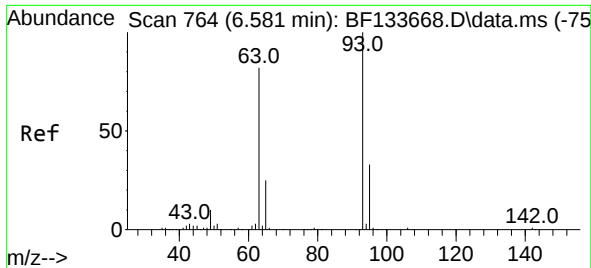
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Phenol
Concen: 36.105 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion: 94 Resp: 200142
Ion Ratio Lower Upper
94 100
65 31.9 13.2 53.2
66 44.6 26.1 66.1





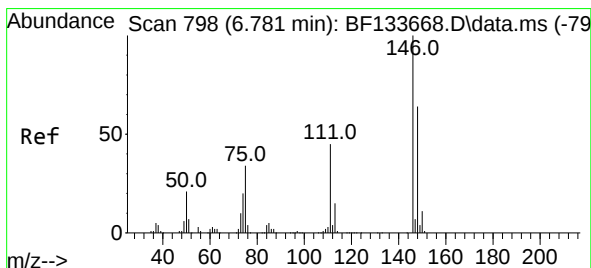
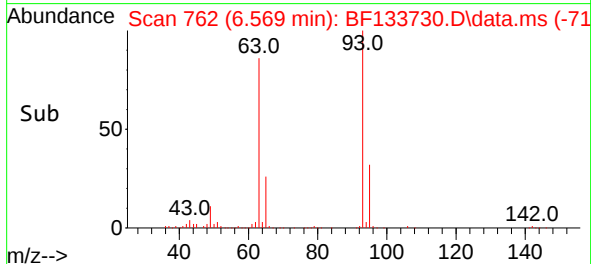
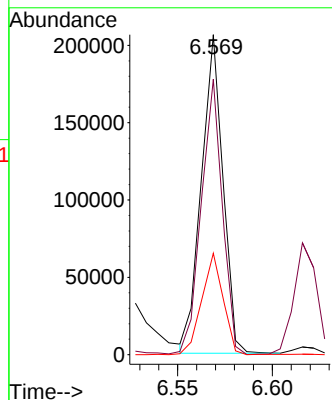
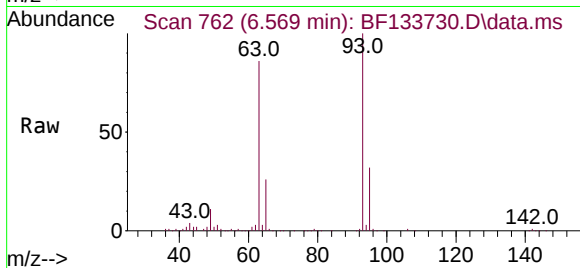
#11
bis(2-Chloroethyl)ether
Concen: 39.704 ng
RT: 6.569 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD

Tgt Ion: 93 Resp: 163394
Ion Ratio Lower Upper
93 100
63 86.1 62.1 102.1
95 31.7 13.0 53.0

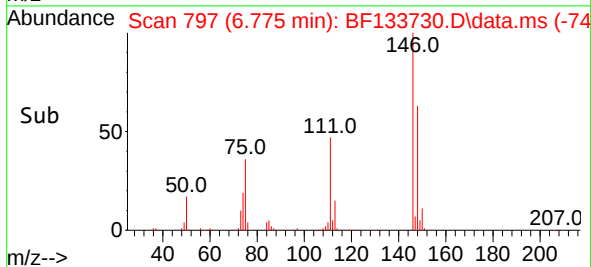
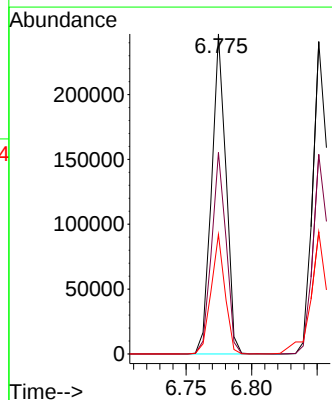
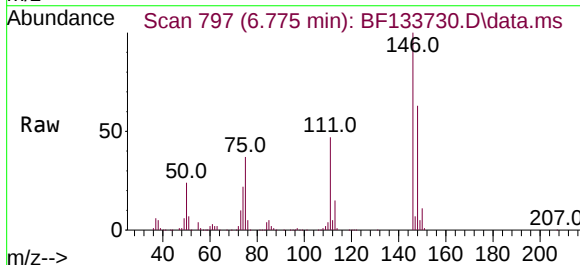
Manual Integrations
APPROVED

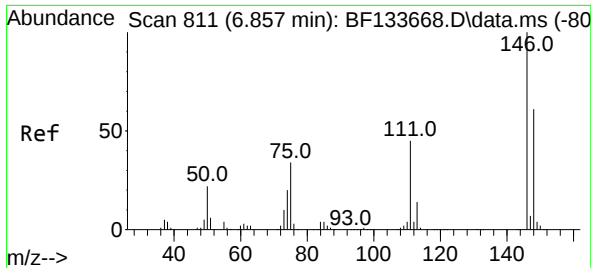
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#12
1,3-Dichlorobenzene
Concen: 41.063 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

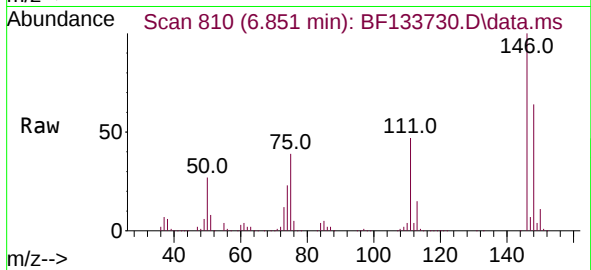
Tgt Ion:146 Resp: 188566
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
75 37.3 27.1 40.7





#13
1,4-Dichlorobenzene
Concen: 40.158 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

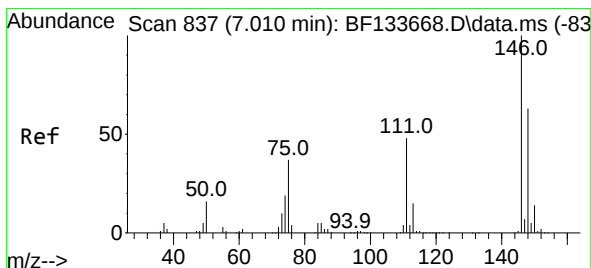
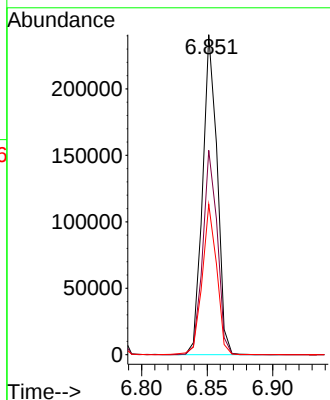
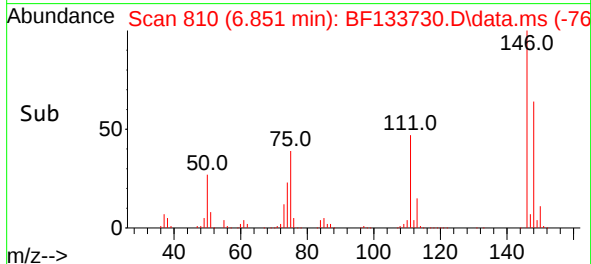
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



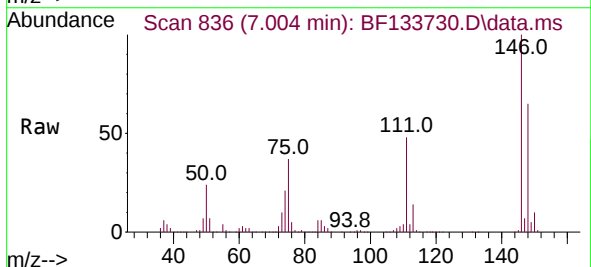
Tgt Ion:146 Resp: 186384
Ion Ratio Lower Upper
146 100
148 63.9 48.9 73.3
111 47.0 35.8 53.6

Manual Integrations
APPROVED

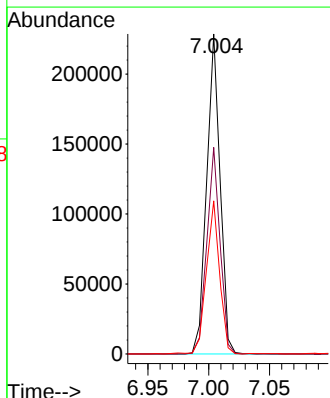
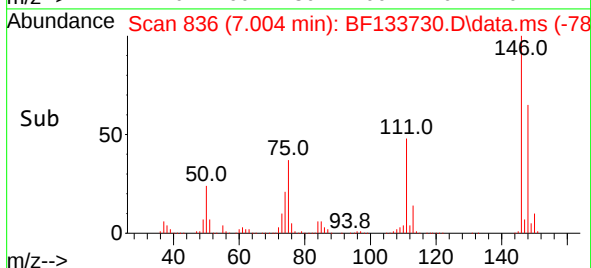
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

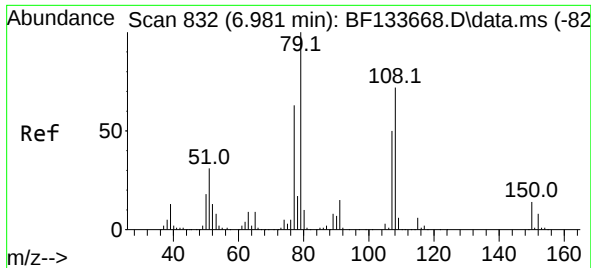


#14
1,2-Dichlorobenzene
Concen: 41.722 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45



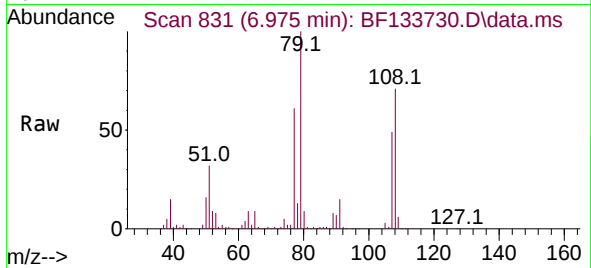
Tgt Ion:146 Resp: 174978
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
111 47.9 38.7 58.1





#15
Benzyl Alcohol
Concen: 35.737 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

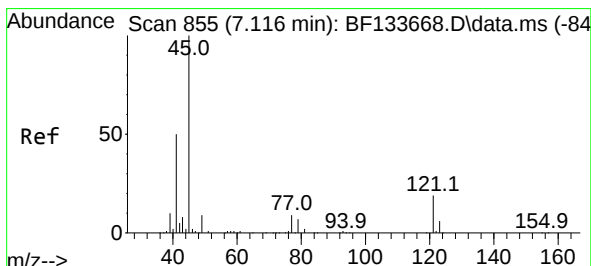
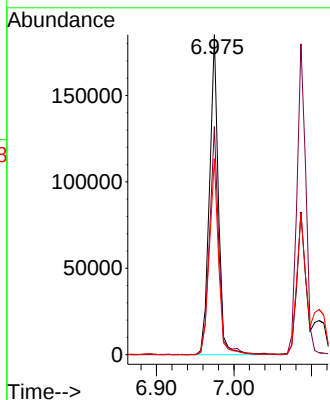
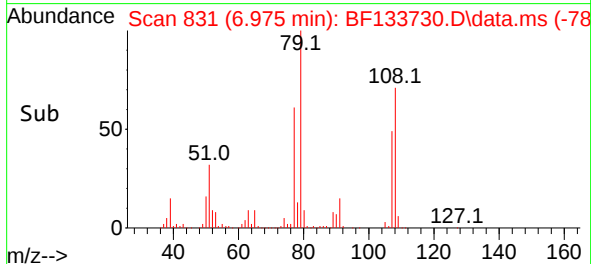
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



Tgt Ion: 79 Resp: 14817
Ion Ratio Lower Upper
79 100
108 71.3 57.9 86.9
77 61.3 50.4 75.6

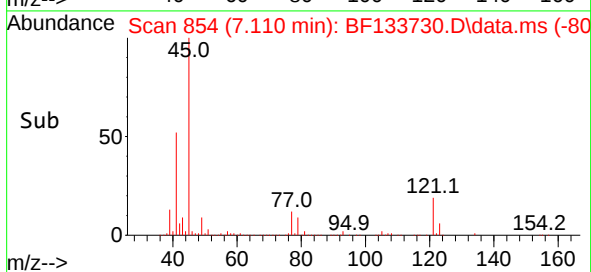
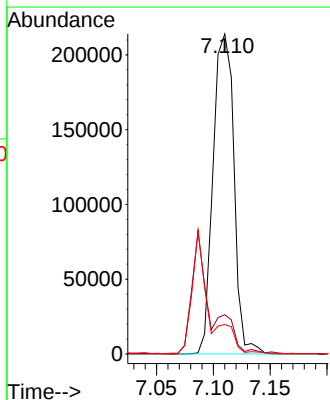
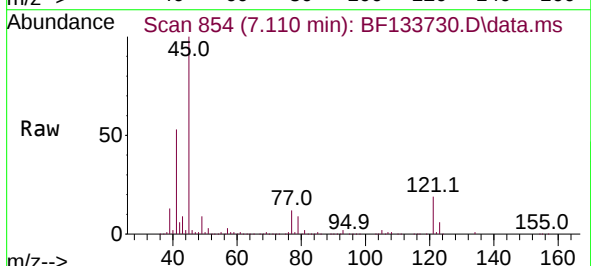
Manual Integrations
APPROVED

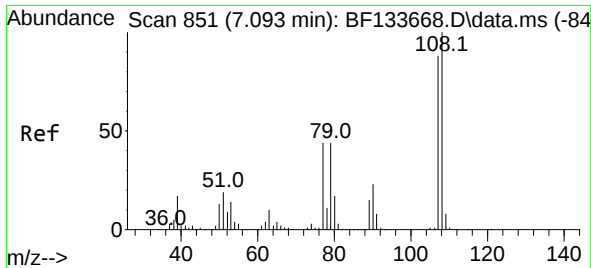
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.197 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion: 45 Resp: 273441
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.3
79 9.2 0.0 29.4





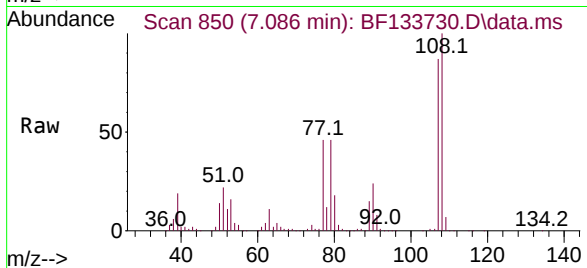
#17
2-Methylphenol
Concen: 32.601 ng
RT: 7.086 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

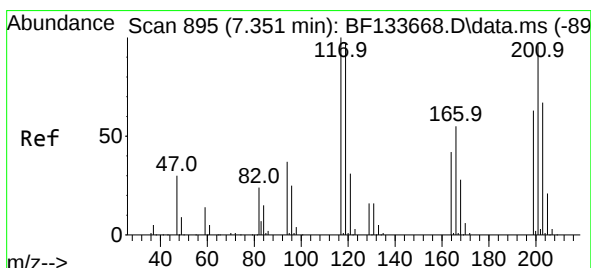
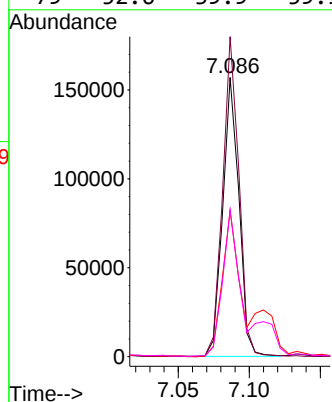


Tgt Ion:107 Resp: 12419
Ion Ratio Lower Upper
107 100
108 114.6 90.9 136.3
77 52.3 39.8 59.6
79 52.6 39.9 59.9

Manual Integrations

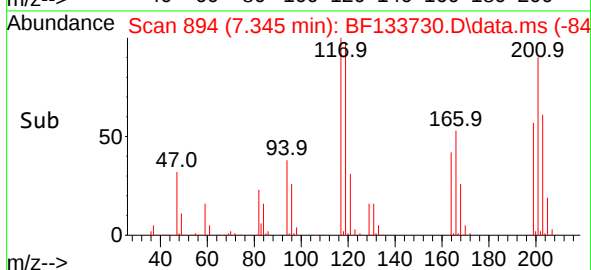
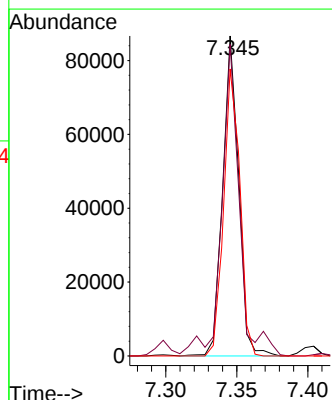
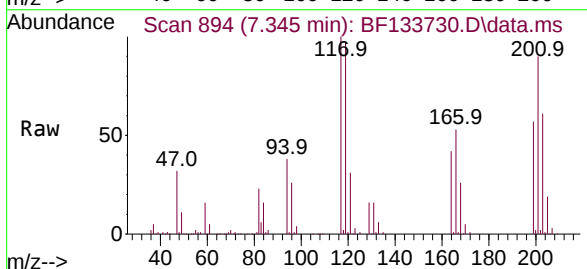
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#18
Hexachloroethane
Concen: 42.529 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

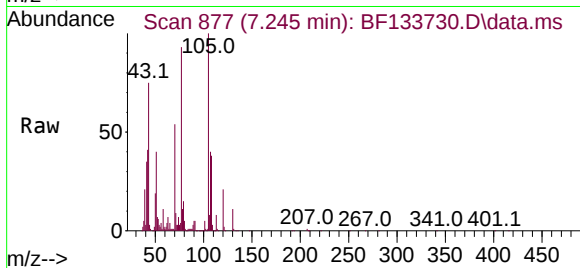
Tgt Ion:117 Resp: 67576
Ion Ratio Lower Upper
117 100
119 97.4 77.3 115.9
201 89.7 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 35.132 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

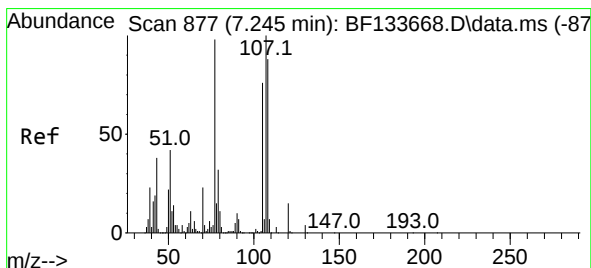
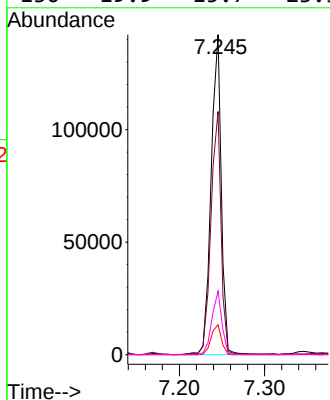
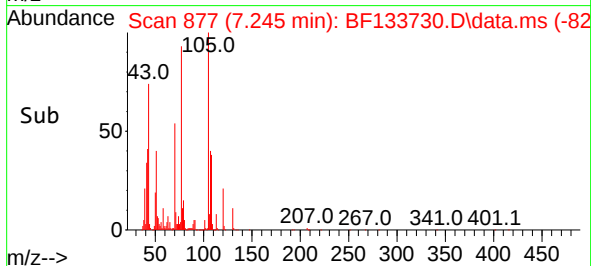
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



Tgt Ion: 70 Resp: 11866
Ion Ratio Lower Upper
70 100
42 76.0 55.8 83.8
101 9.4 8.1 12.1
130 19.9 15.7 23.5

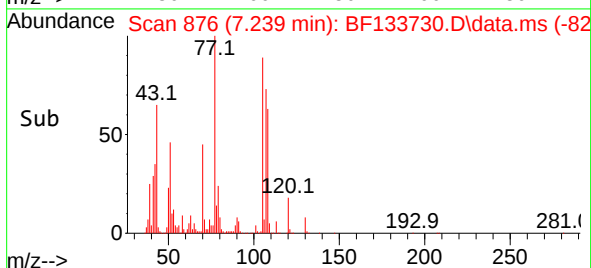
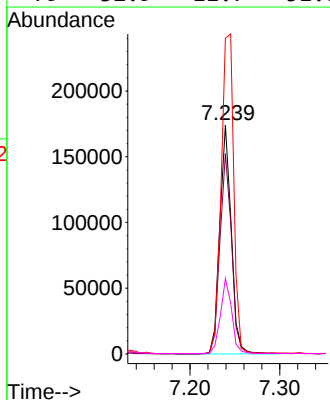
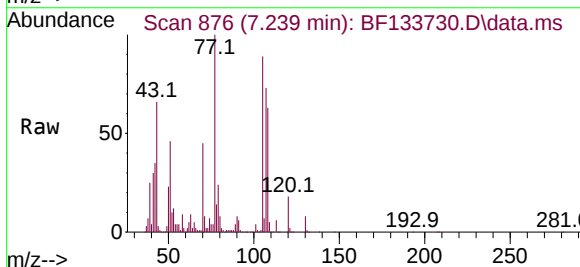
Manual Integrations
APPROVED

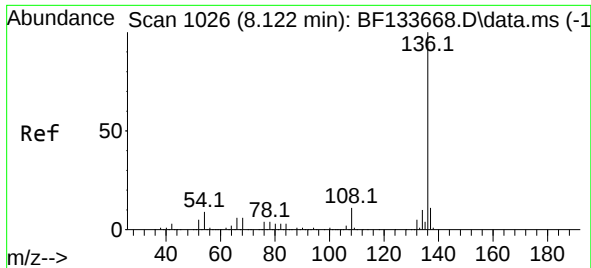
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#20
3+4-Methylphenols
Concen: 31.420 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:107 Resp: 155708
Ion Ratio Lower Upper
107 100
108 87.5 67.9 107.9
77 137.9 77.7 117.7#
79 32.9 11.7 51.7





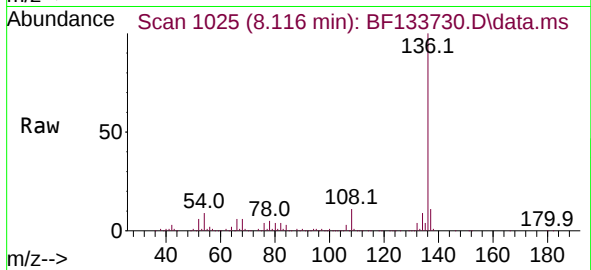
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

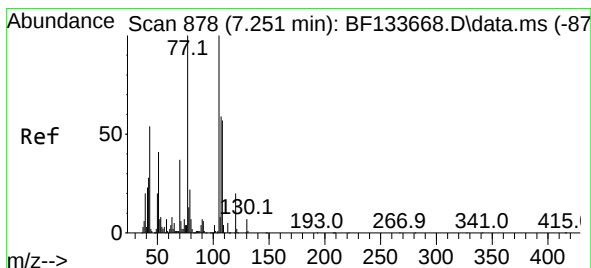
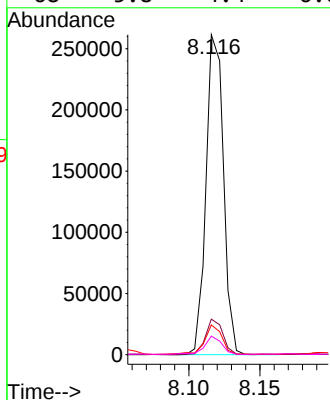
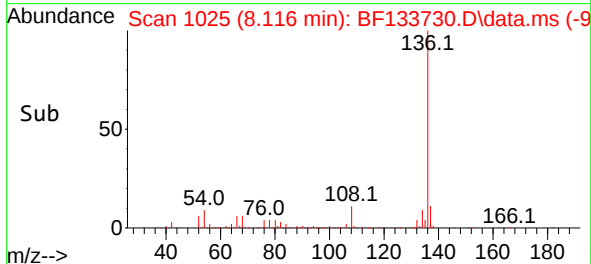


Tgt Ion:136 Resp: 224550
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.3 7.4 11.0
68 5.8 4.4 6.6

Manual Integrations

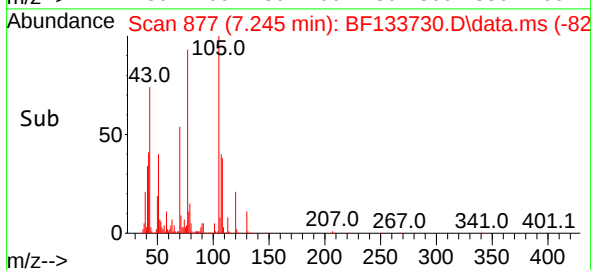
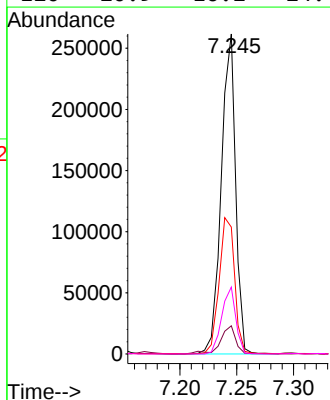
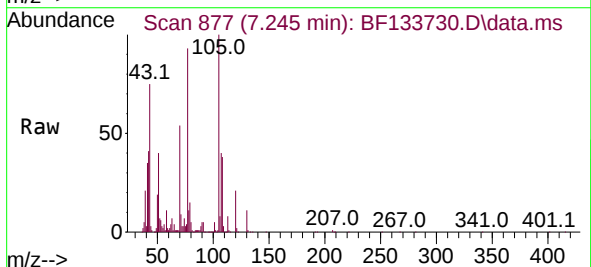
APPROVED

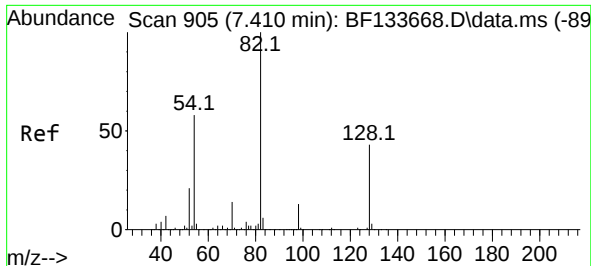
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#22
Acetophenone
Concen: 44.765 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:105 Resp: 230547
Ion Ratio Lower Upper
105 100
71 8.8 4.8 7.2#
51 39.6 33.0 49.4
120 20.9 16.2 24.4





#23

Nitrobenzene-d5

Concen: 40.930 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

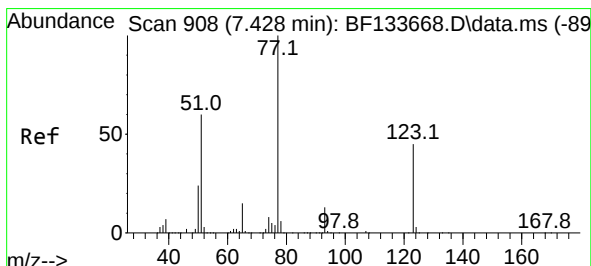
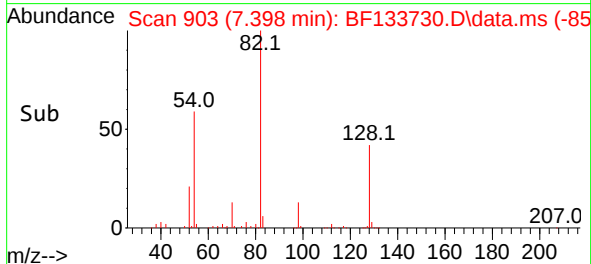
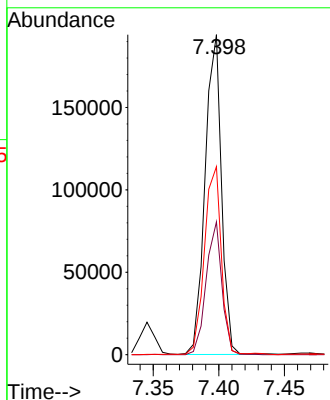
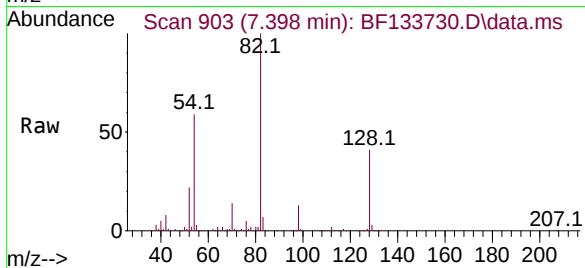
Tgt Ion:	82	Resp:	16874
Ion Ratio	Lower	Upper	
82	100		
128	41.5	34.2	51.2
54	58.8	46.5	69.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#24

Nitrobenzene

Concen: 41.307 ng

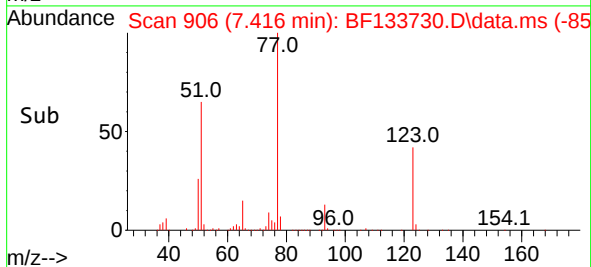
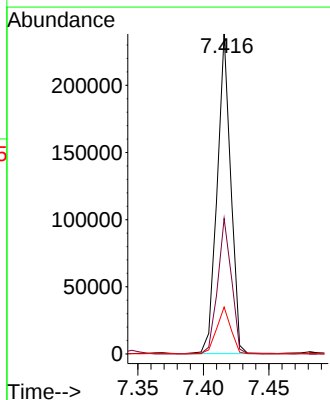
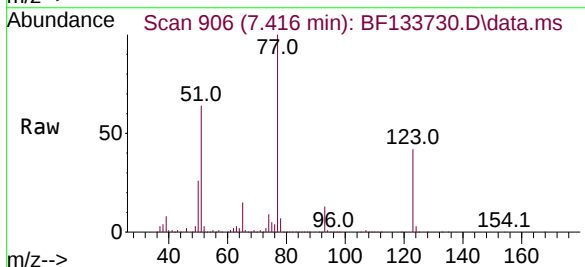
RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

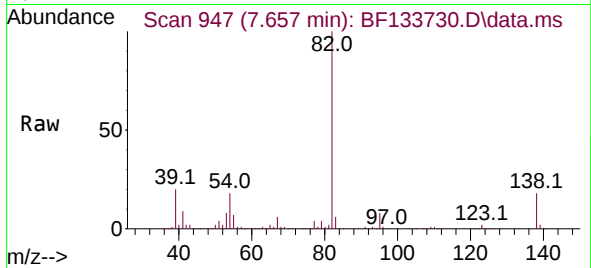
Tgt Ion:	77	Resp:	171478
Ion Ratio	Lower	Upper	
77	100		
123	42.4	35.8	53.8
65	14.7	11.6	17.4





#25
Isophorone
Concen: 39.419 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

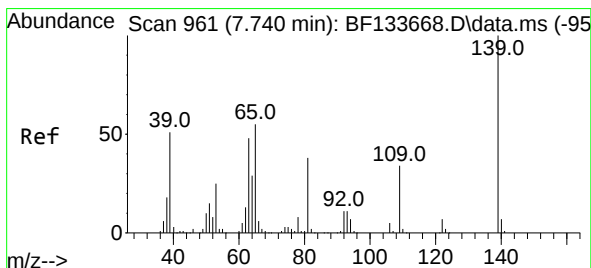
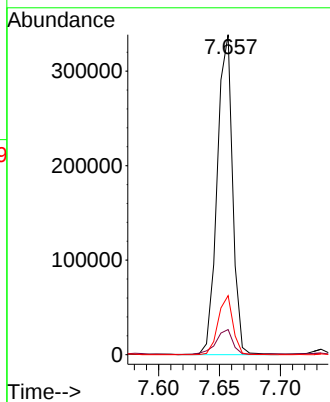
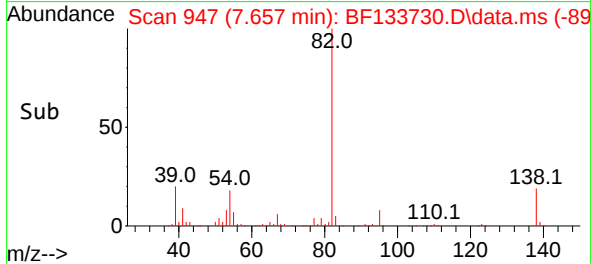
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



Tgt Ion: 82 Resp: 298350
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 18.4 14.2 21.2

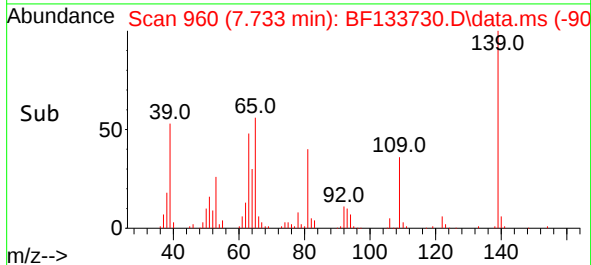
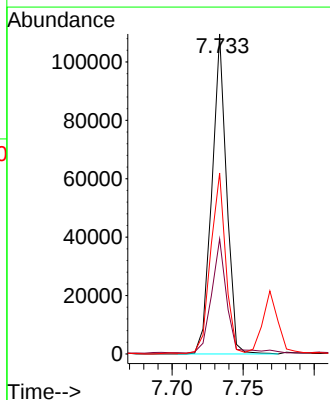
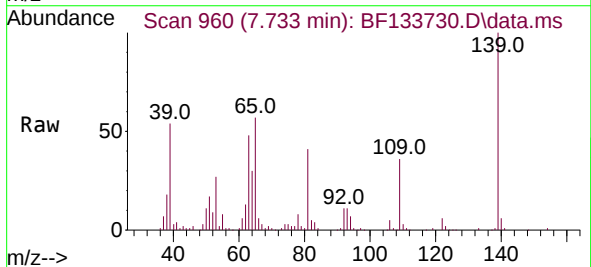
Manual Integrations
APPROVED

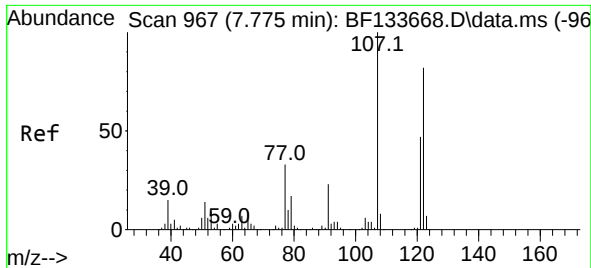
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#26
2-Nitrophenol
Concen: 42.164 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:139 Resp: 78554
Ion Ratio Lower Upper
139 100
109 36.0 27.0 40.6
65 56.6 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 39.862 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

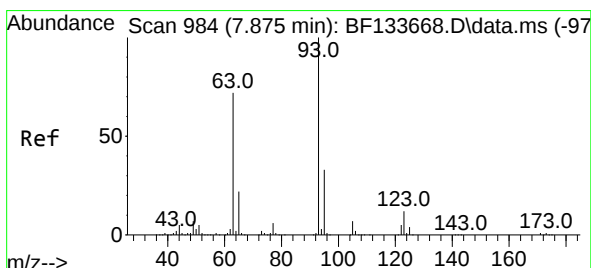
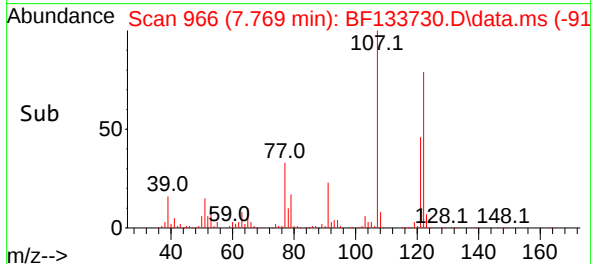
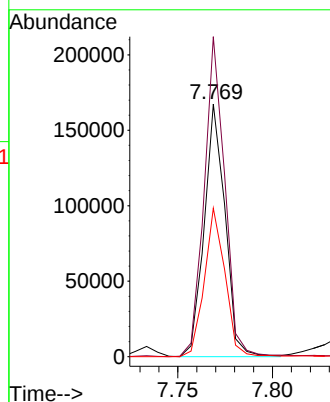
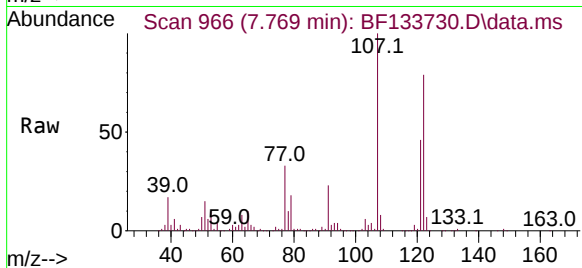
NB-8-060823MSD

Tgt Ion:122 Resp: 128000
Ion Ratio Lower Upper
122 100
107 126.7 97.8 146.6
121 58.8 46.1 69.1

Manual Integrations

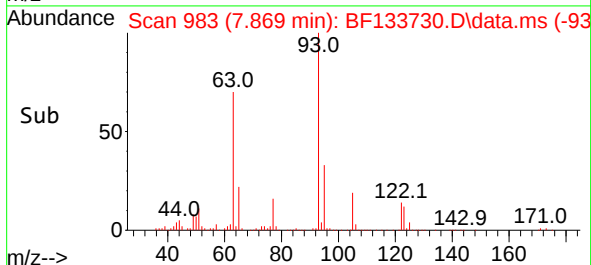
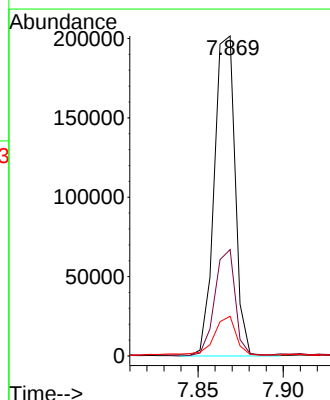
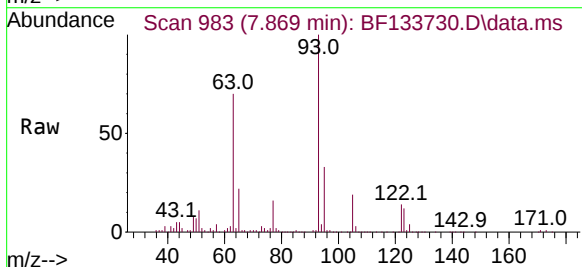
APPROVED

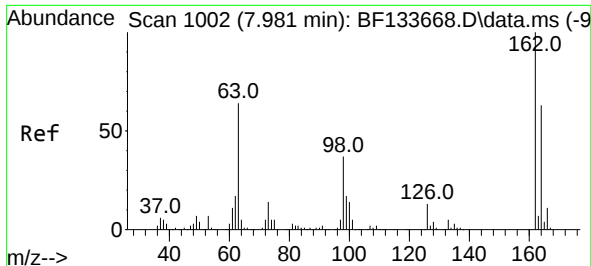
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.299 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion: 93 Resp: 171913
Ion Ratio Lower Upper
93 100
95 33.3 26.4 39.6
123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 36.603 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

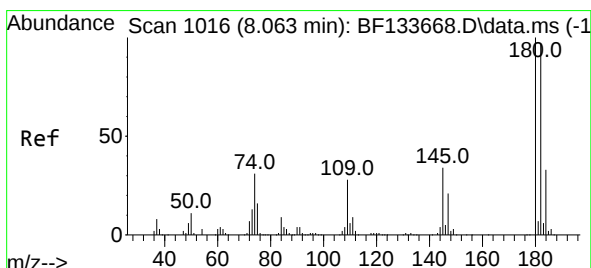
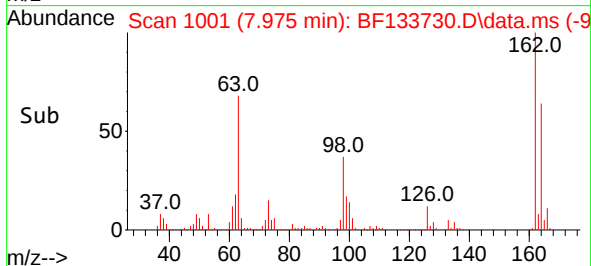
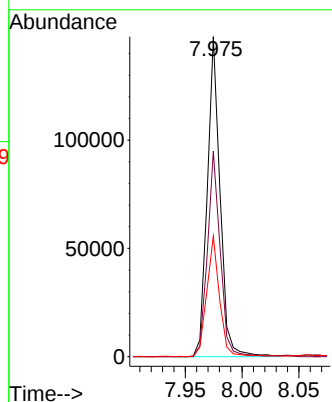
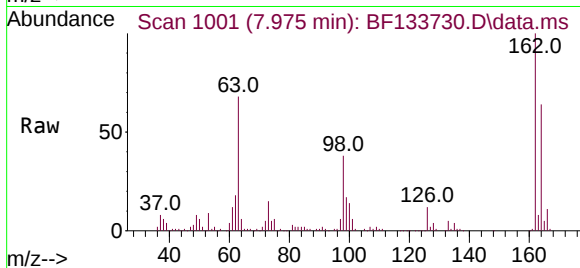
Tgt Ion:162	Resp: 115190
Ion Ratio	Lower Upper
162 100	
164 64.2	43.4 83.4
98 37.6	17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.938 ng

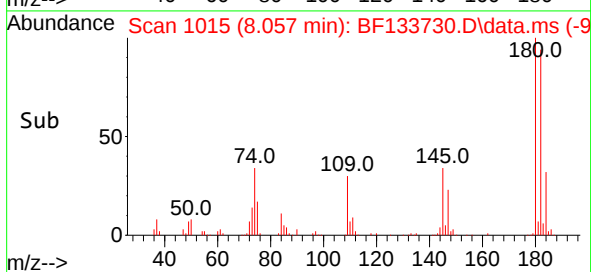
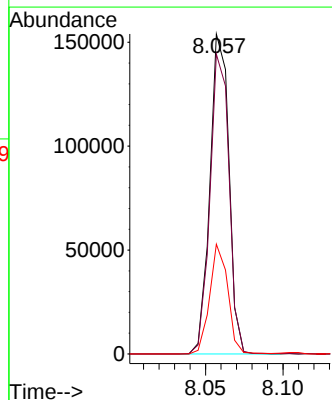
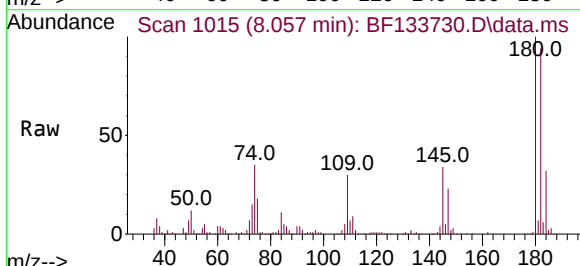
RT: 8.057 min Scan# 1015

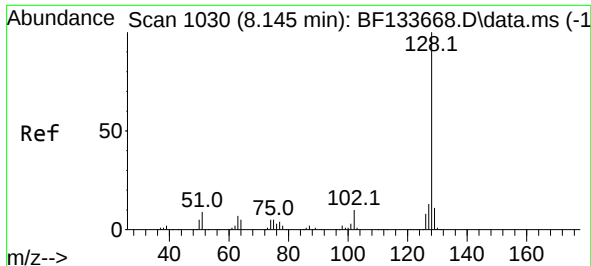
Delta R.T. -0.006 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

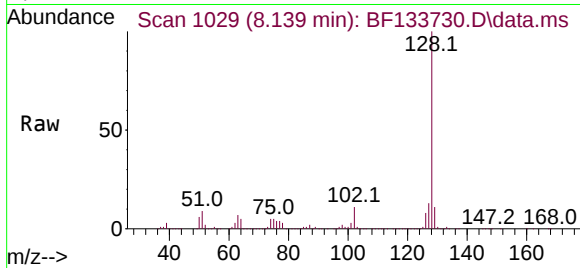
Tgt Ion:180	Resp: 131138
Ion Ratio	Lower Upper
180 100	
182 93.7	77.8 116.8
145 34.3	27.0 40.4





#31
Naphthalene
Concen: 40.405 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

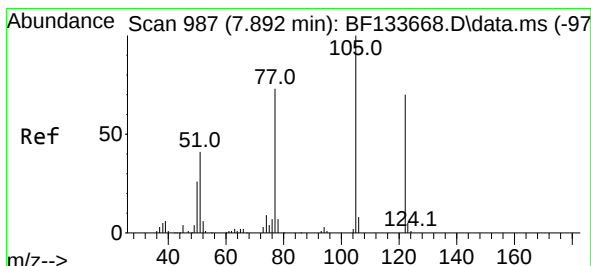
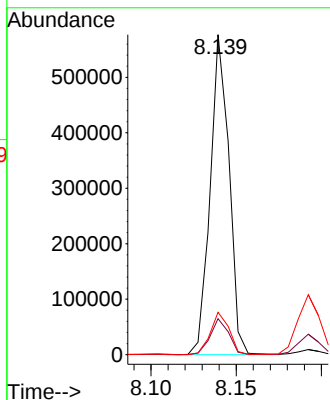
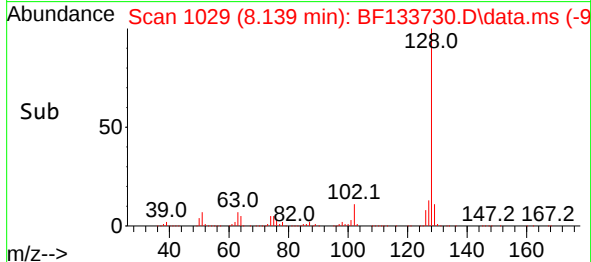
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



Tgt Ion:128 Resp: 442030
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.5 15.7

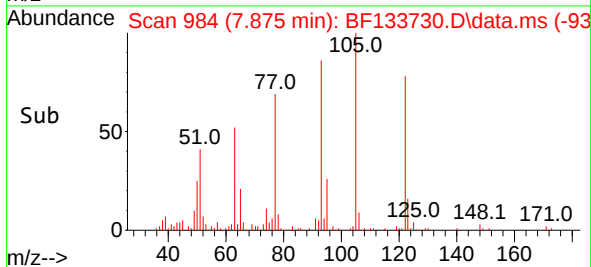
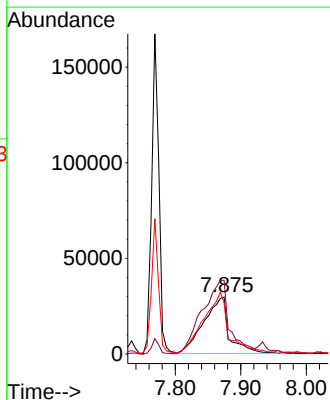
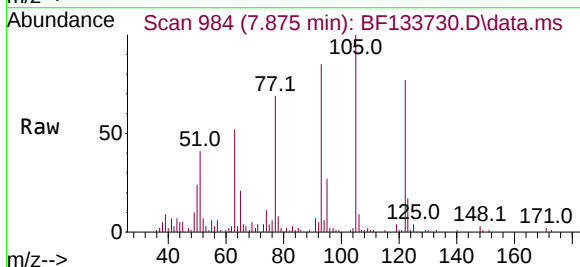
Manual Integrations
APPROVED

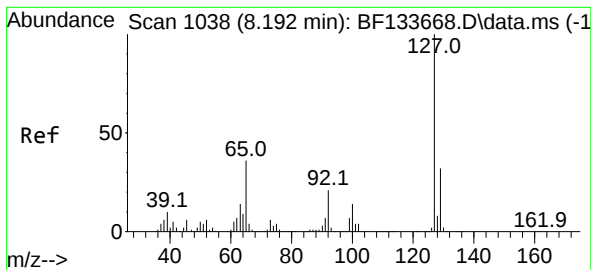
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#32
Benzoic acid
Concen: 39.521 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.018 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:122 Resp: 80038
Ion Ratio Lower Upper
122 100
105 129.4 116.3 156.3
77 89.6 82.4 122.4





#33
4-Chloroaniline
Concen: 21.884 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

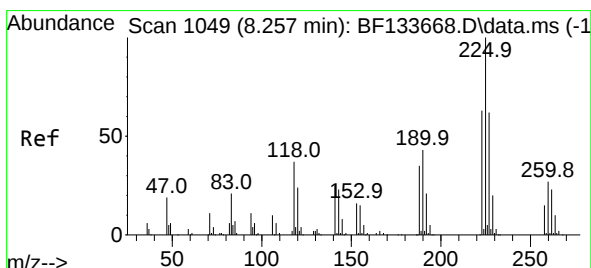
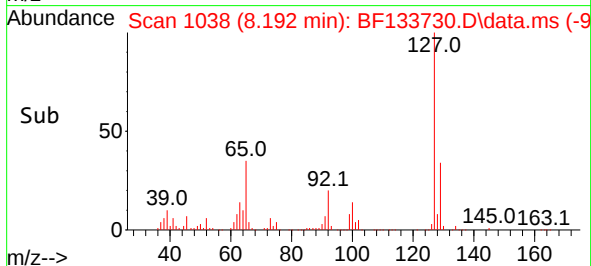
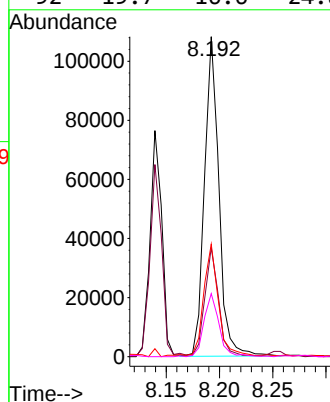
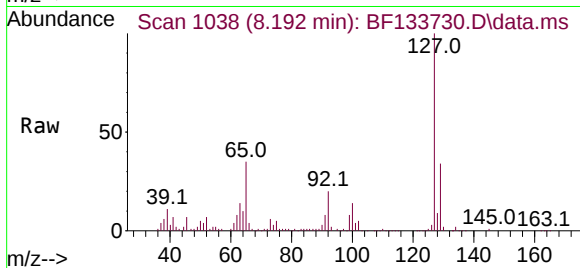
ClientSampleId :

NB-8-060823MSD

Tgt Ion:127 Resp: 102368
Ion Ratio Lower Upper
127 100
129 34.1 25.6 38.4
65 35.1 28.9 43.3
92 19.7 16.6 24.8

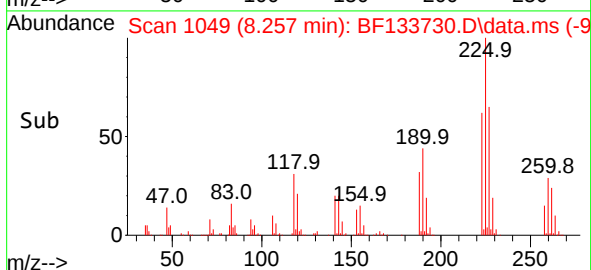
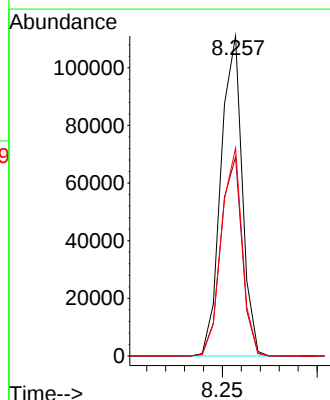
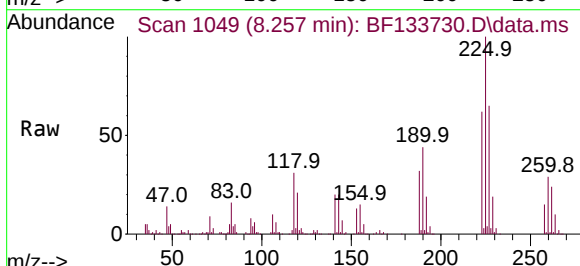
Manual Integrations
APPROVED

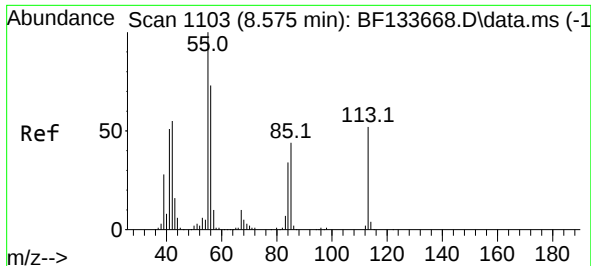
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#34
Hexachlorobutadiene
Concen: 40.232 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

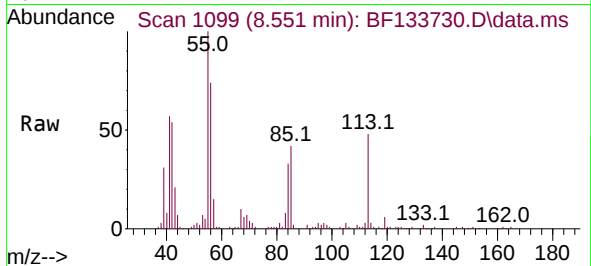
Tgt Ion:225 Resp: 86492
Ion Ratio Lower Upper
225 100
223 62.1 50.2 75.4
227 65.0 49.5 74.3





#35
Caprolactam
Concen: 36.226 ng m
RT: 8.551 min Scan# 1109
Delta R.T. -0.018 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

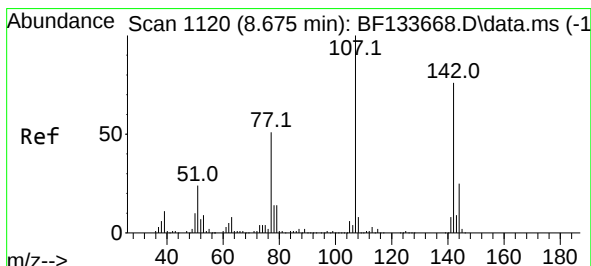
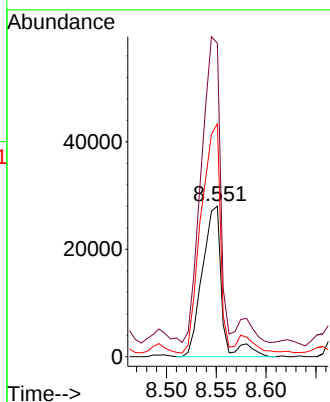
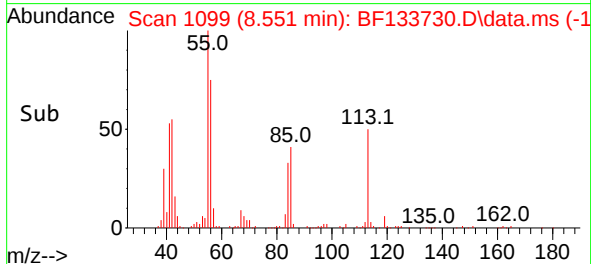
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



Tgt Ion:113 Resp: 38364
Ion Ratio Lower Upper
113 100
55 208.0 173.3 213.3
56 154.6 120.5 160.5

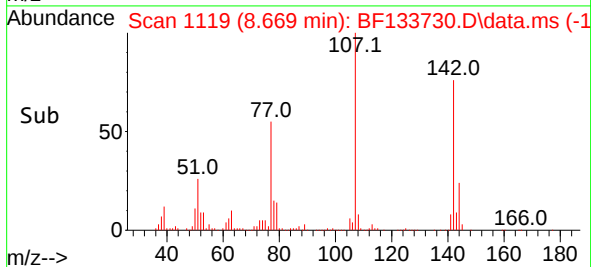
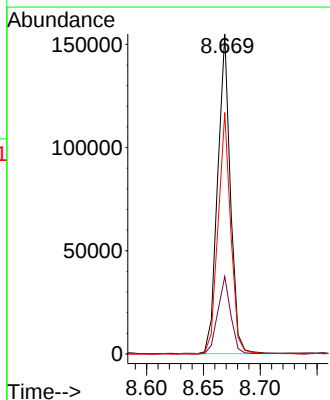
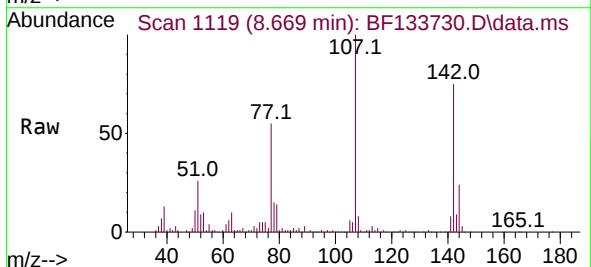
Manual Integrations
APPROVED

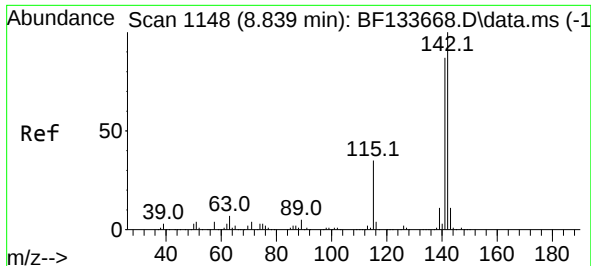
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#36
4-Chloro-3-methylphenol
Concen: 33.208 ng
RT: 8.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:107 Resp: 120466
Ion Ratio Lower Upper
107 100
144 24.2 19.7 29.5
142 75.5 61.1 91.7





#37

2-Methylnaphthalene

Concen: 36.195 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

Tgt Ion:142 Resp: 275128

Ion Ratio Lower Upper

142 100

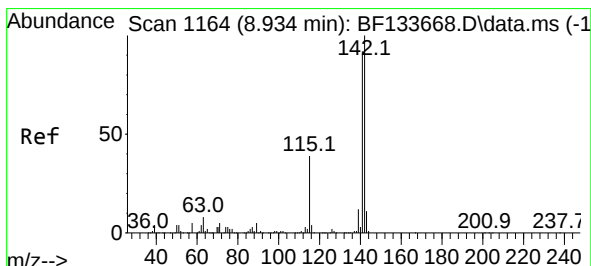
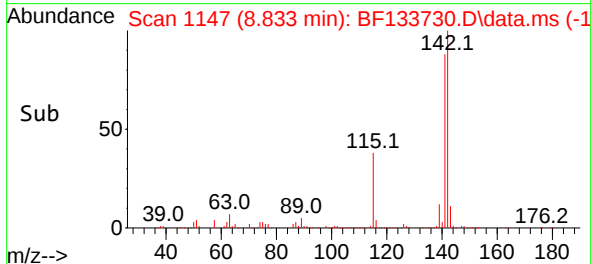
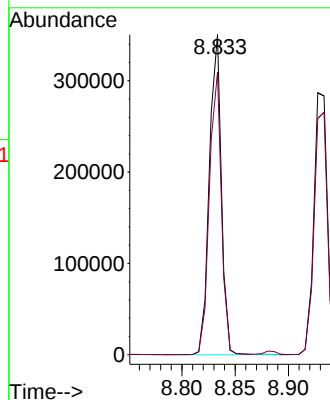
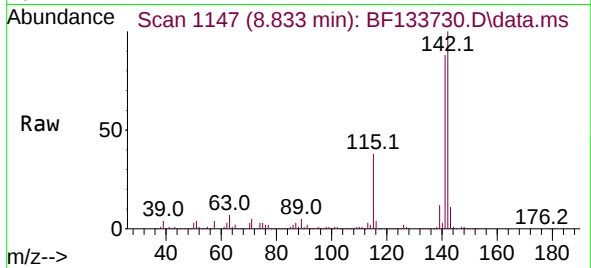
141 88.2 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#38

1-Methylnaphthalene

Concen: 36.314 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF133730.D

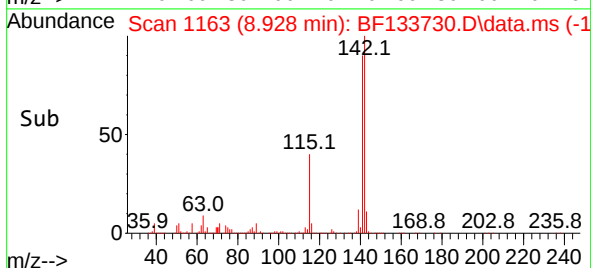
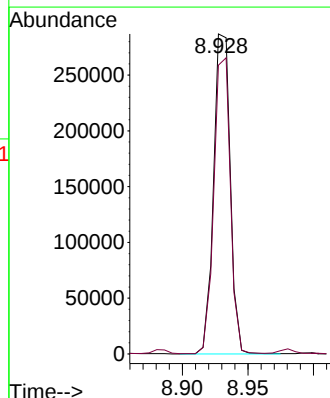
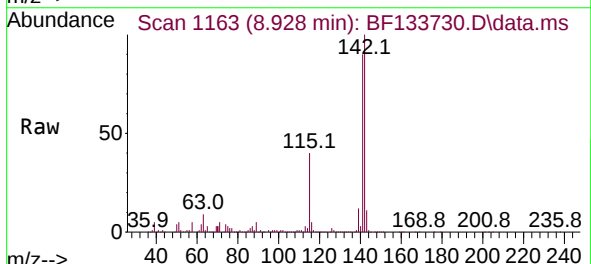
Acq: 13 Jun 2023 14:45

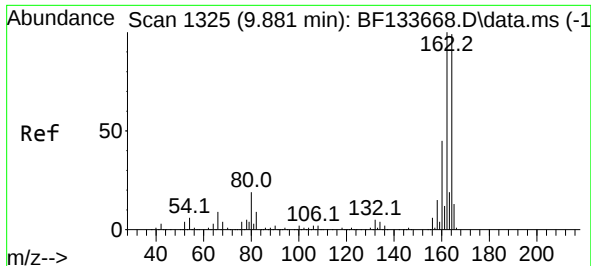
Tgt Ion:142 Resp: 254005

Ion Ratio Lower Upper

142 100

141 90.3 73.4 110.0





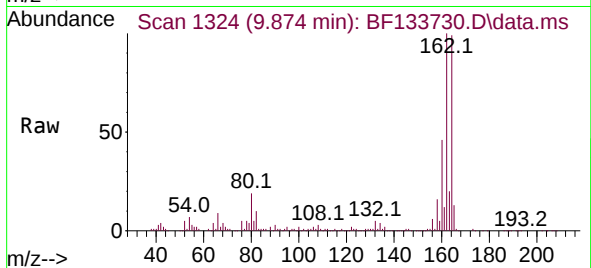
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

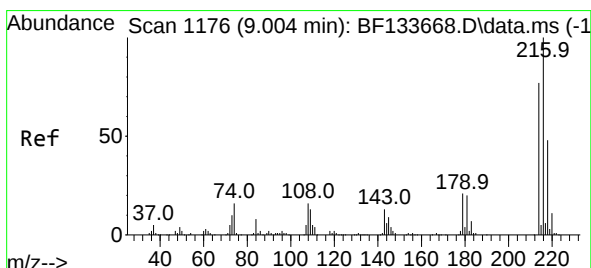
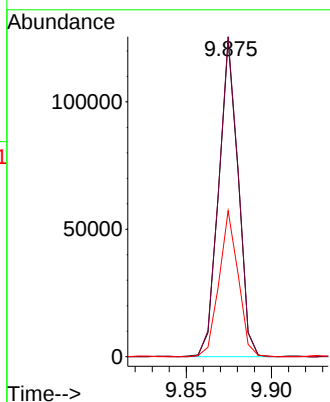
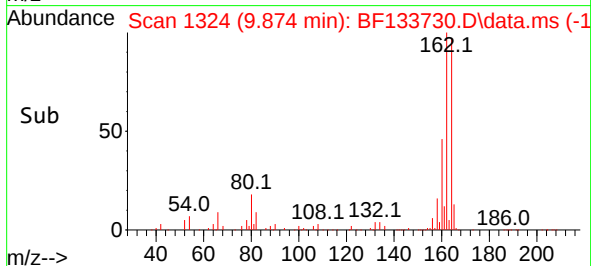


Tgt Ion:164 Resp: 9877
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 46.1 36.7 55.1

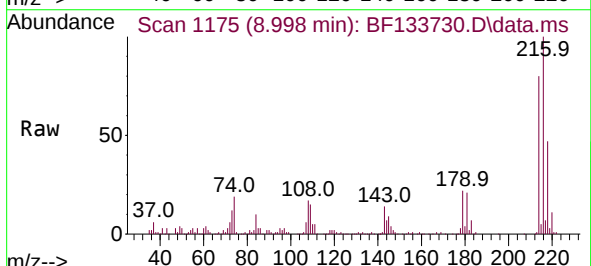
Manual Integrations

APPROVED

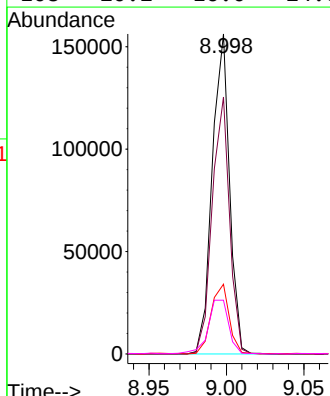
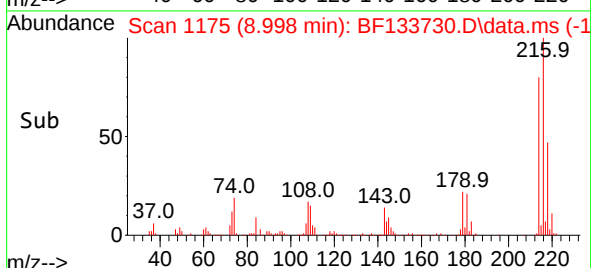
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.440 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45



Tgt Ion:216 Resp: 121430
Ion Ratio Lower Upper
216 100
214 80.3 62.7 94.1
179 22.8 17.6 26.4
108 20.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 20.242 ng
RT: 8.980 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

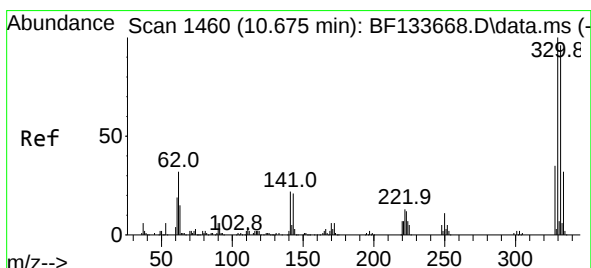
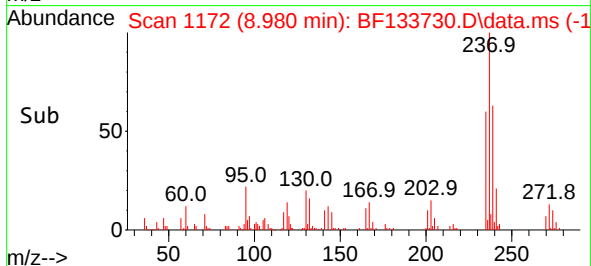
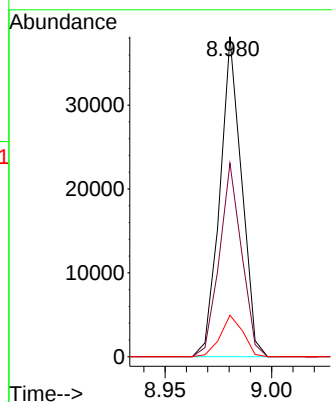
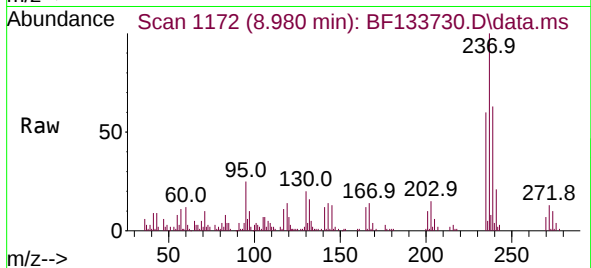
NB-8-060823MSD

Tgt Ion:237 Resp: 27080
Ion Ratio Lower Upper
237 100
235 60.5 40.6 80.6
272 13.0 0.0 32.6

Manual Integrations

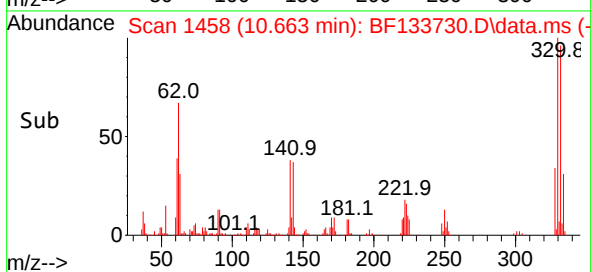
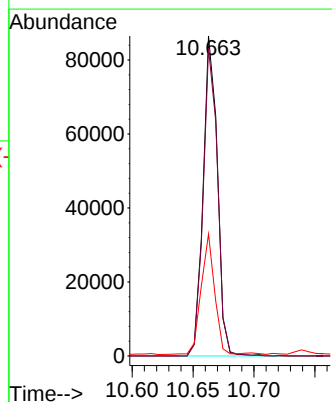
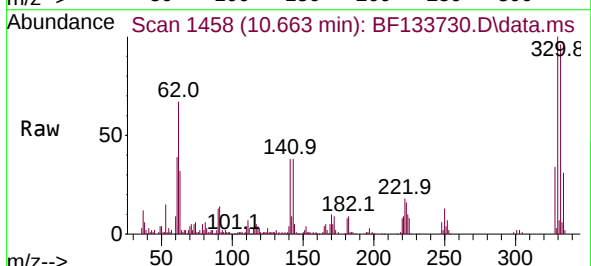
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#42
2,4,6-Tribromophenol
Concen: 56.131 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:330 Resp: 70178
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 35.4 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 38.902 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

Tgt Ion:196 Resp: 78059

Ion Ratio Lower Upper

196 100

198 94.1 74.5 111.7

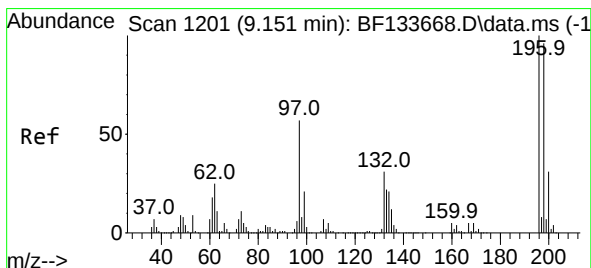
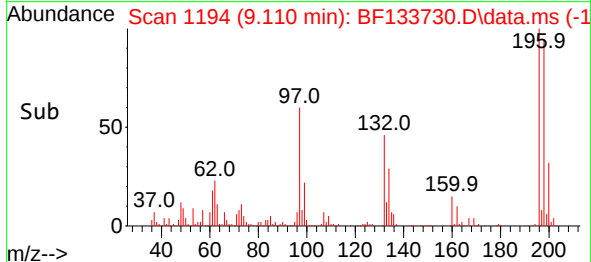
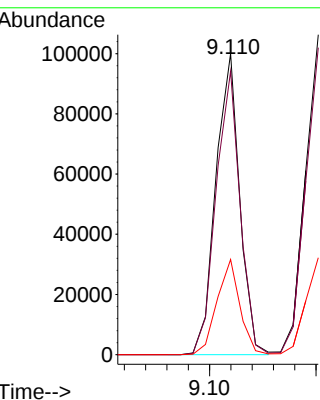
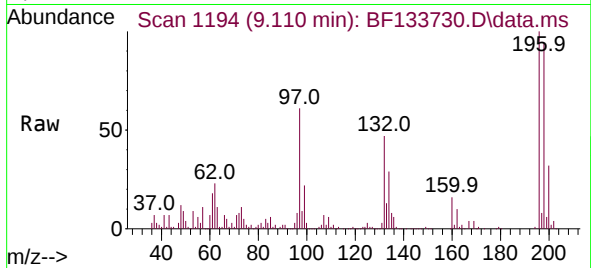
200 31.6 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#44

2,4,5-Trichlorophenol

Concen: 35.757 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Tgt Ion:196 Resp: 83471

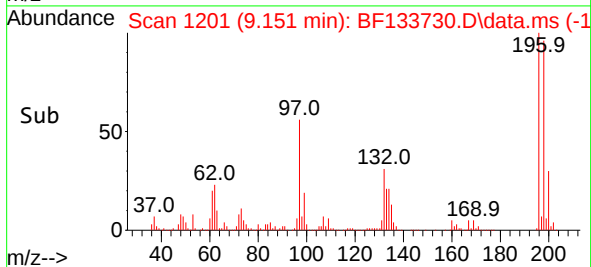
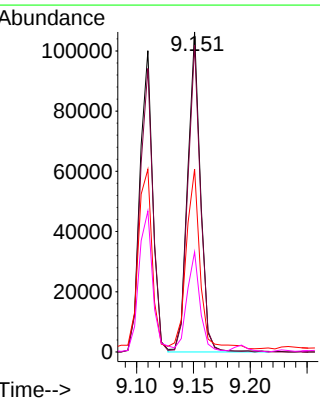
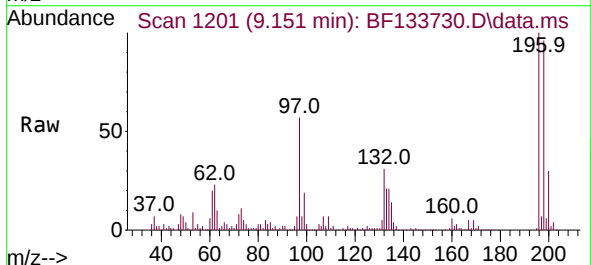
Ion Ratio Lower Upper

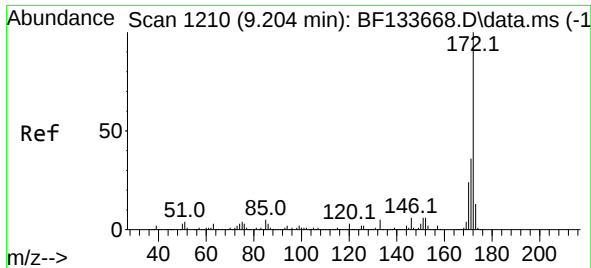
196 100

198 95.9 76.8 115.2

97 57.2 45.4 68.2

132 31.3 24.6 37.0





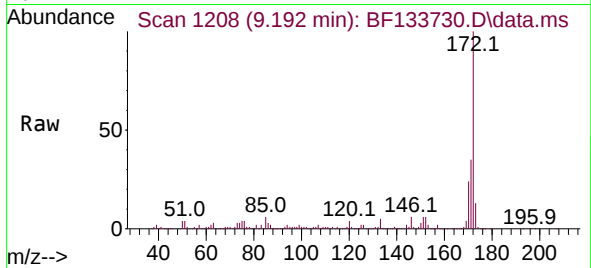
#45
2-Fluorobiphenyl
Concen: 40.173 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

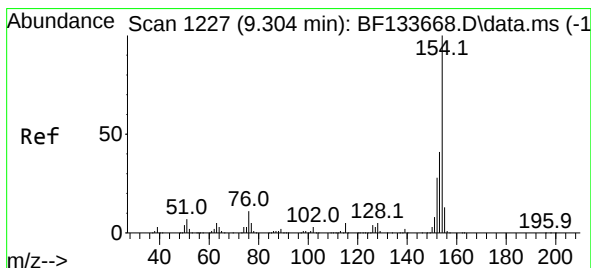
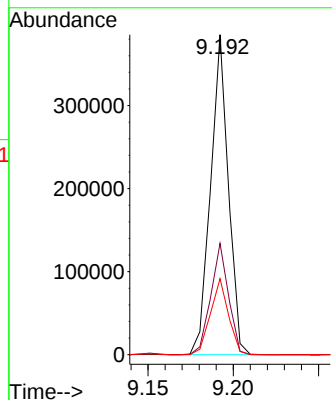
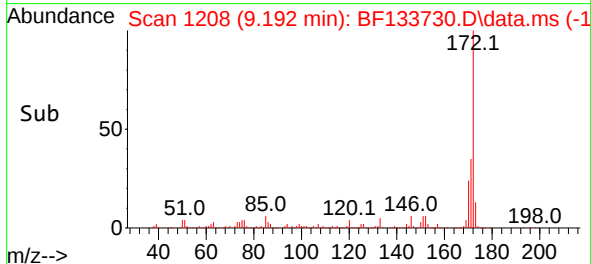


Tgt Ion:172 Resp: 279135
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.8 19.1 28.7

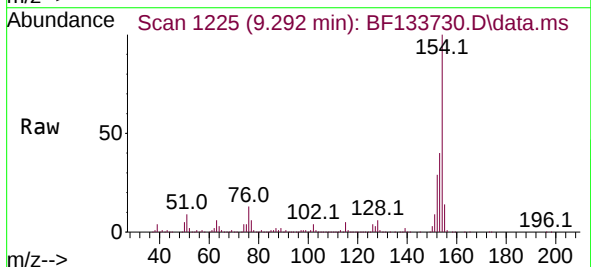
Manual Integrations

APPROVED

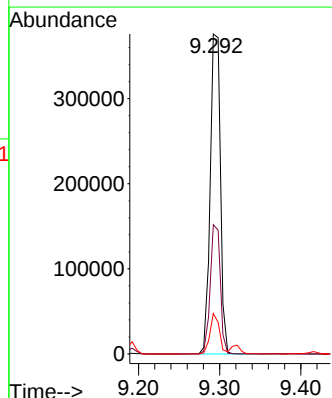
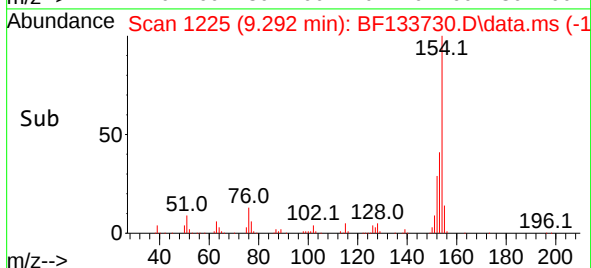
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

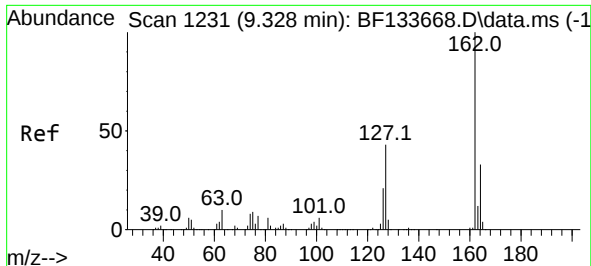


#46
1,1'-Biphenyl
Concen: 41.075 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45



Tgt Ion:154 Resp: 327208
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 12.6 0.0 31.0





#47

2-Chloronaphthalene

Concen: 41.053 ng

RT: 9.322 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

Tgt Ion:162 Resp: 23458

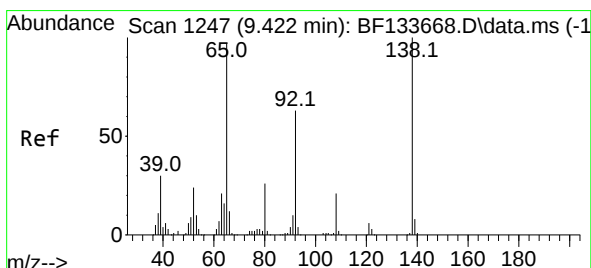
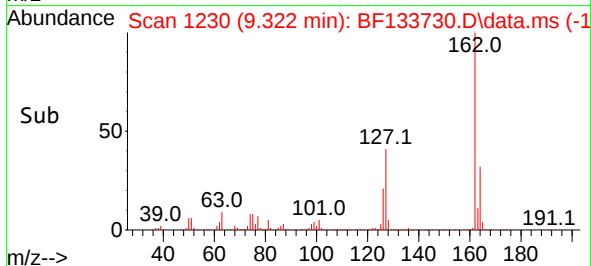
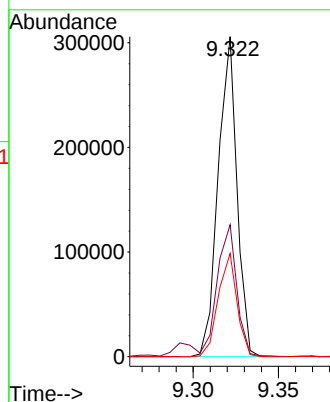
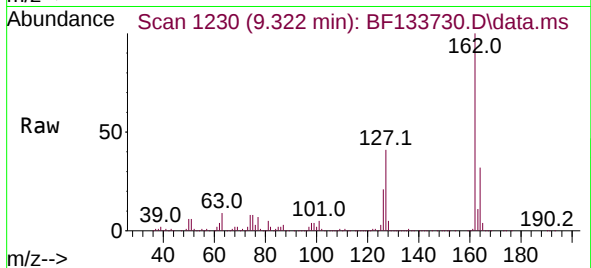
Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.6	52.0
164	32.2	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#48

2-Nitroaniline

Concen: 40.169 ng

RT: 9.416 min Scan# 1246

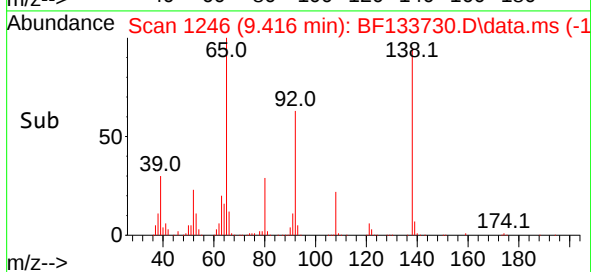
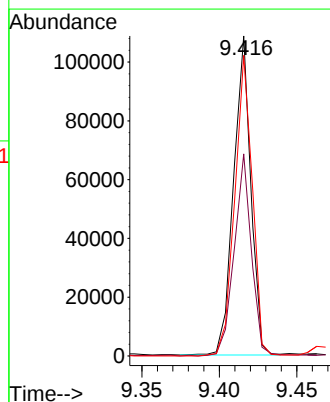
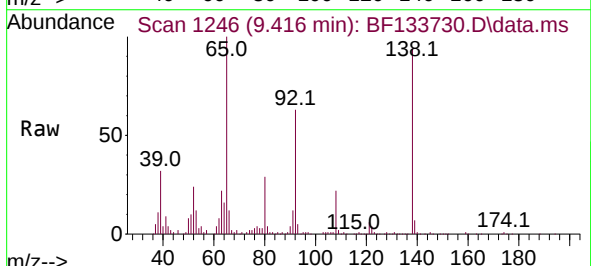
Delta R.T. -0.006 min

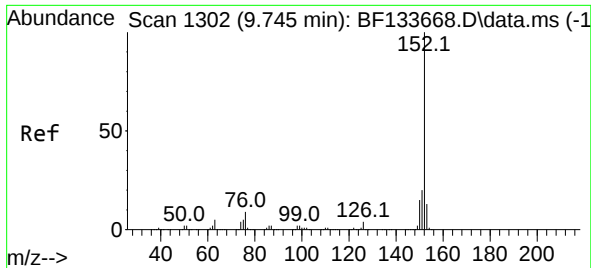
Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Tgt Ion: 65 Resp: 83946

Ion	Ratio	Lower	Upper
65	100		
92	63.2	51.8	77.6
138	93.9	82.1	123.1





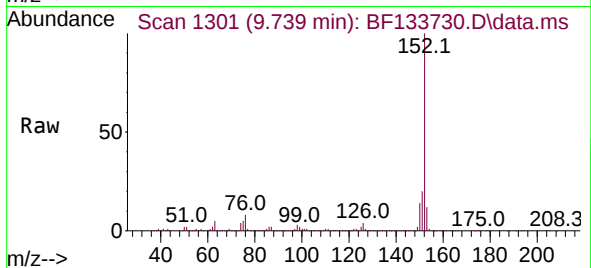
#49
Acenaphthylene
Concen: 39.129 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD



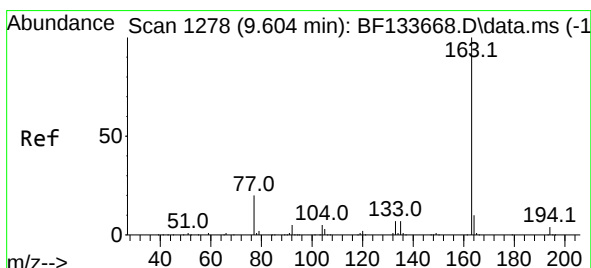
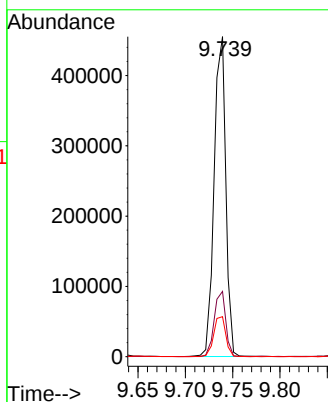
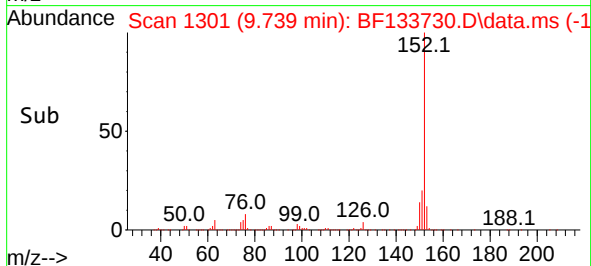
Tgt Ion:152 Resp: 38915
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 12.5 10.4 15.6

Manual Integrations

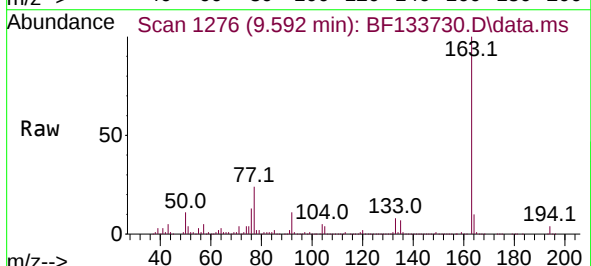
APPROVED

Reviewed By :Yogesh Patel 06/14/2023

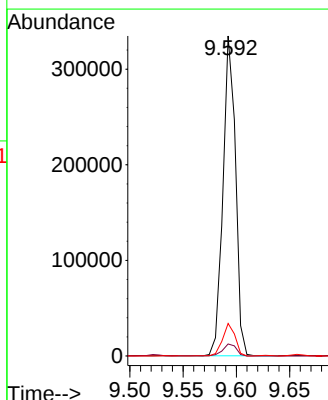
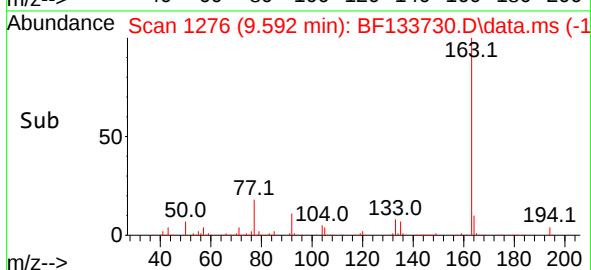
Supervised By :mohammad ahmed 06/16/2023

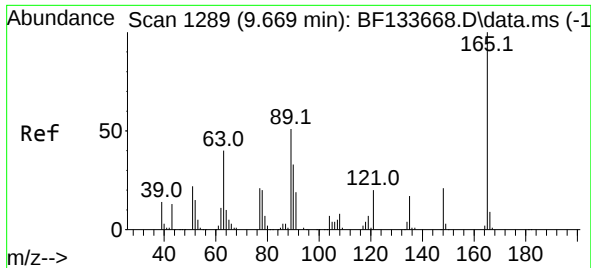


#50
Dimethylphthalate
Concen: 36.925 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45



Tgt Ion:163 Resp: 272230
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 8.0 12.0





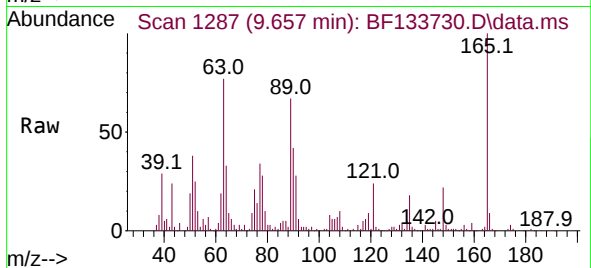
#51
2,6-Dinitrotoluene
Concen: 38.143 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

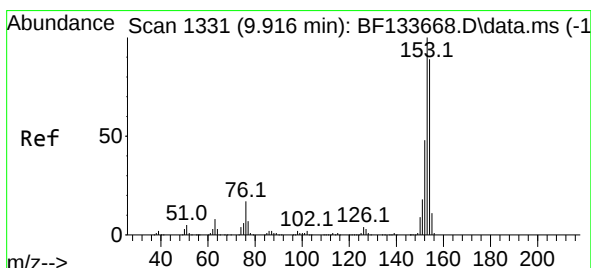
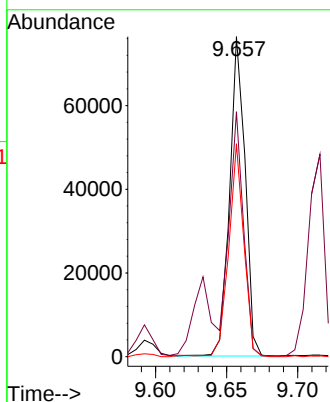
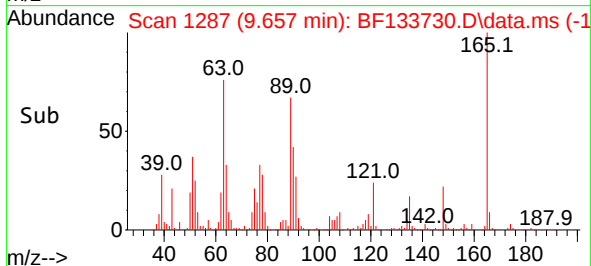


Tgt Ion:165 Resp: 5804
Ion Ratio Lower Upper
165 100
63 76.5 42.1 63.1
89 66.6 40.9 61.3

Manual Integrations

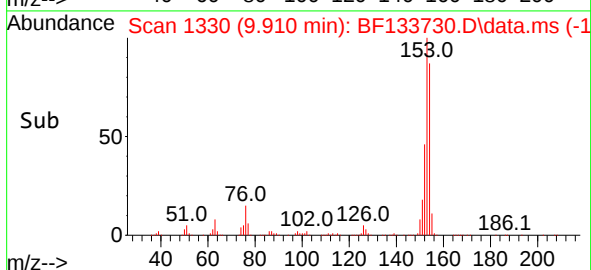
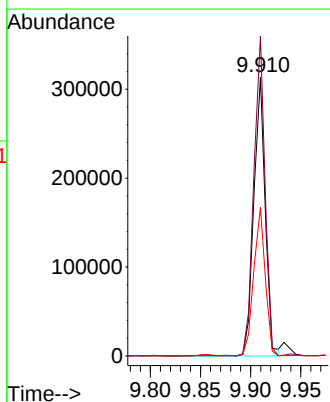
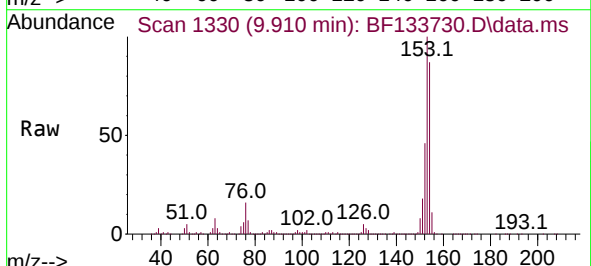
APPROVED

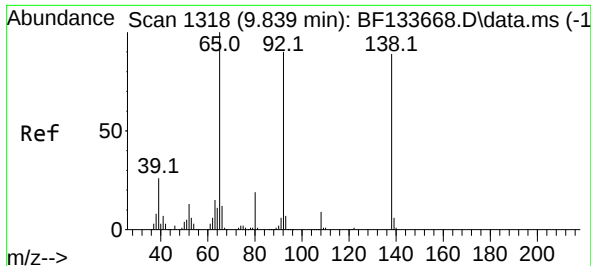
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#52
Acenaphthene
Concen: 42.534 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:154 Resp: 247609
Ion Ratio Lower Upper
154 100
153 114.8 89.8 134.8
152 53.4 43.4 65.2





#53
3-Nitroaniline
Concen: 32.914 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

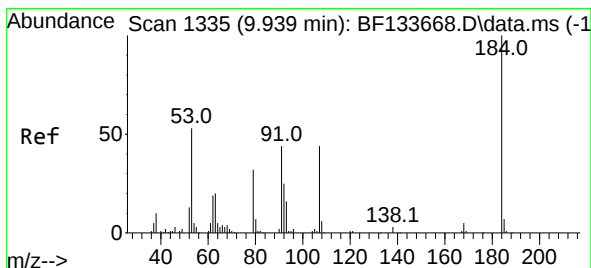
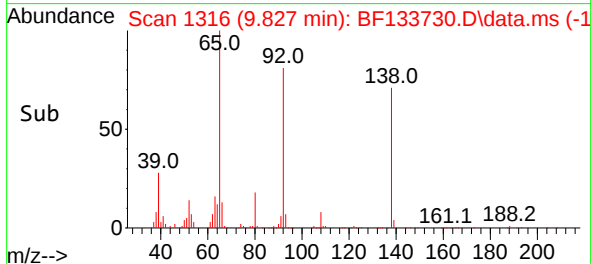
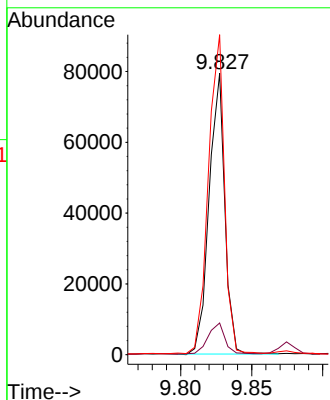
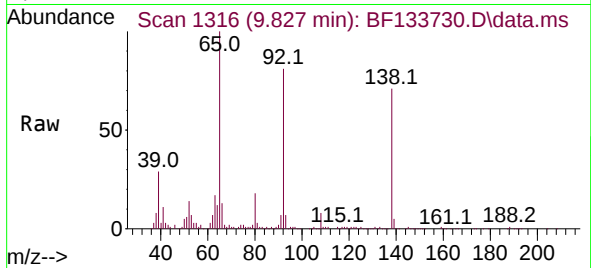
ClientSampleId :

NB-8-060823MSD

Tgt Ion:138 Resp: 6095
Ion Ratio Lower Upper
138 100
108 11.3 8.2 12.4
92 113.8 81.0 121.6

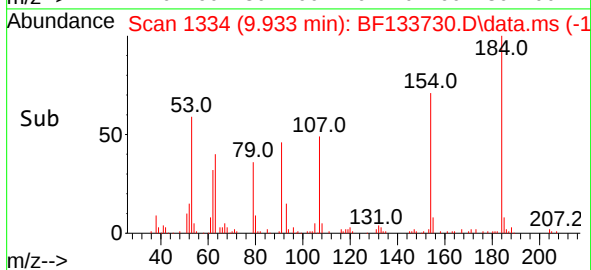
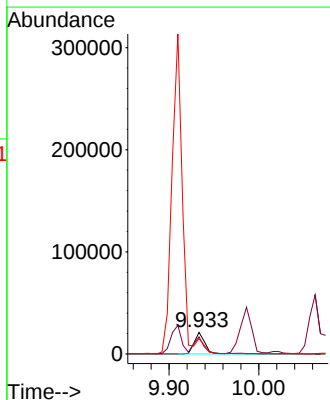
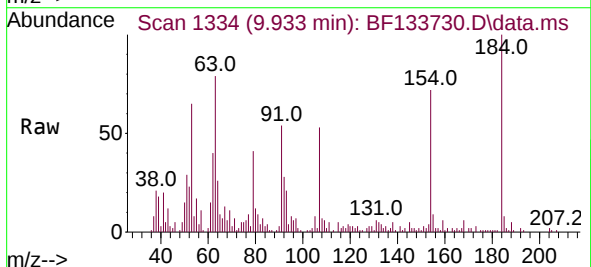
Manual Integrations
APPROVED

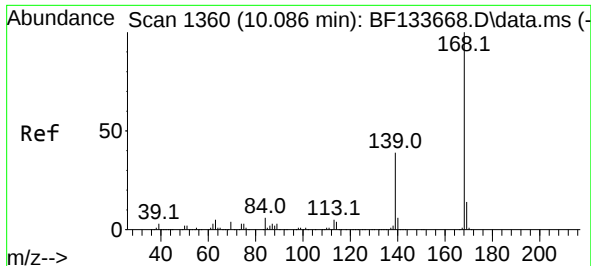
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#54
2,4-Dinitrophenol
Concen: 27.767 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:184 Resp: 17659
Ion Ratio Lower Upper
184 100
63 79.1 55.3 82.9
154 72.1 51.9 77.9





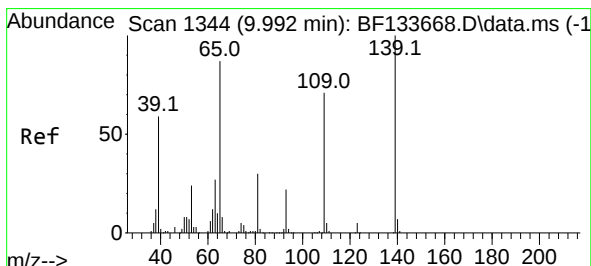
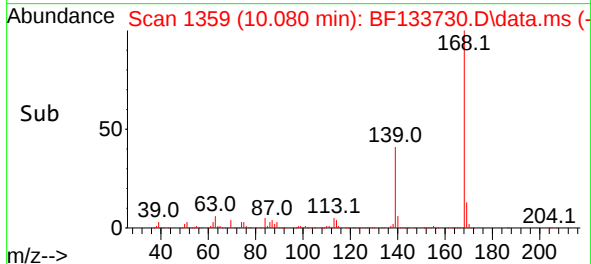
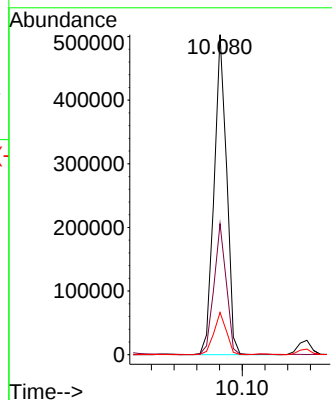
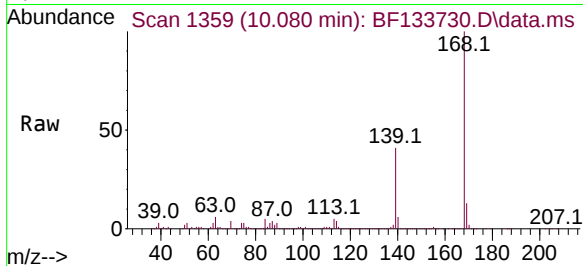
#55
Dibenzenofuran
Concen: 43.316 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD

Tgt Ion:168 Resp: 38477
Ion Ratio Lower Upper
168 100
139 41.0 30.9 46.3
169 13.2 10.9 16.3

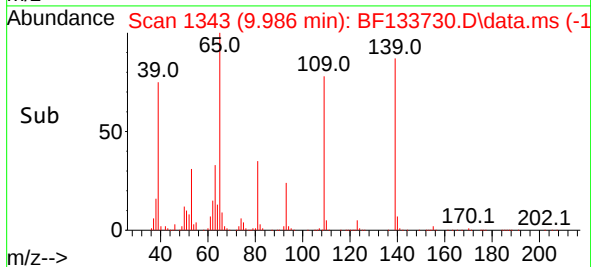
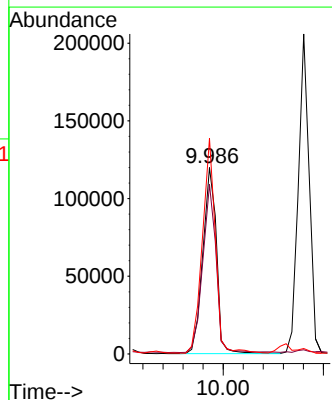
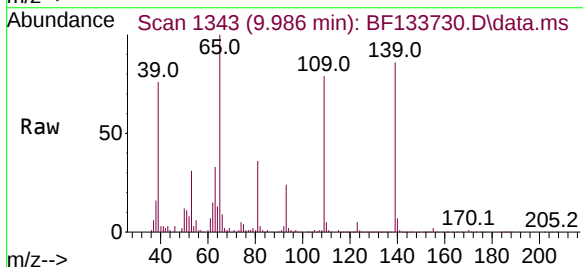
Manual Integrations
APPROVED

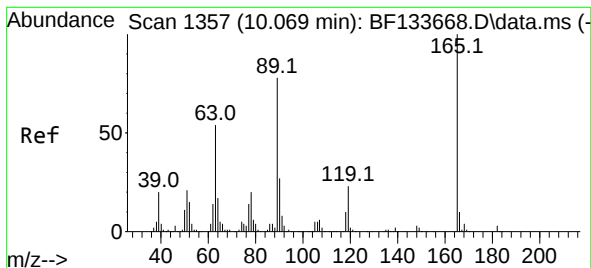
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#56
4-Nitrophenol
Concen: 91.164 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:139 Resp: 113937
Ion Ratio Lower Upper
139 100
109 91.0 50.7 90.7#
65 115.7 67.1 107.1#





#57
2,4-Dinitrotoluene
Concen: 41.154 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

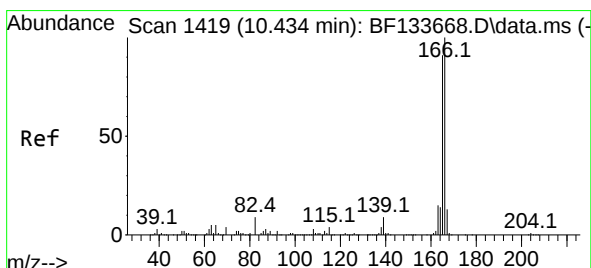
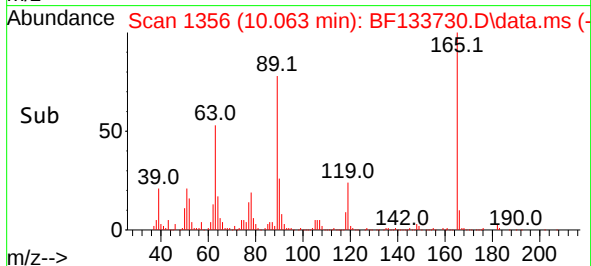
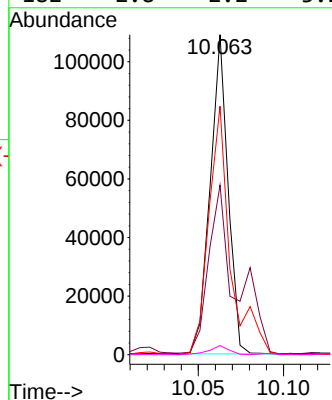
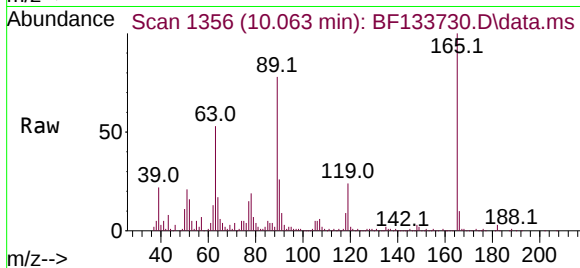
NB-8-060823MSD

Tgt Ion:165 Resp: 79648
Ion Ratio Lower Upper
165 100
63 53.0 43.0 64.6
89 77.6 62.6 93.8
182 2.8 2.2 3.2

Manual Integrations

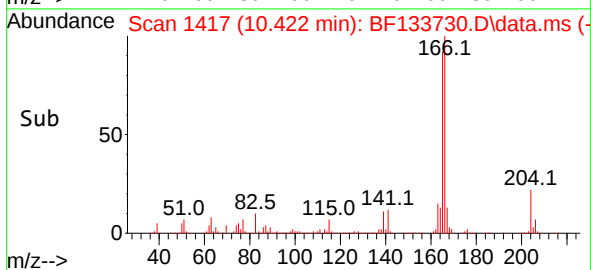
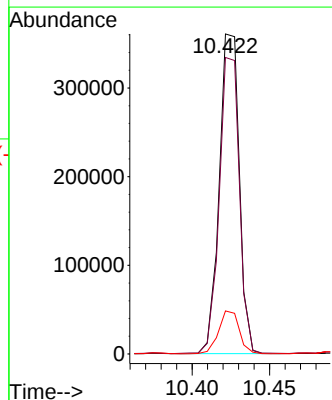
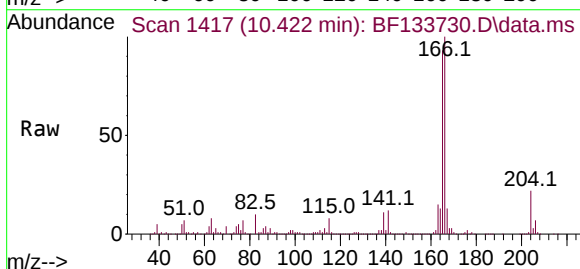
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#58
Fluorene
Concen: 47.768 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

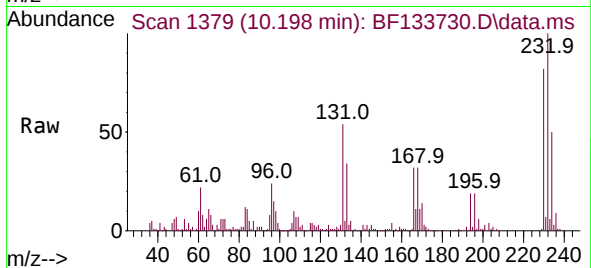
Tgt Ion:166 Resp: 324493
Ion Ratio Lower Upper
166 100
165 92.6 73.1 109.7
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.538 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

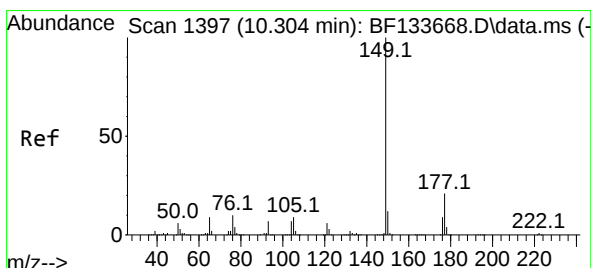
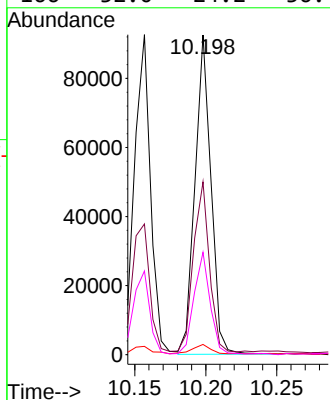
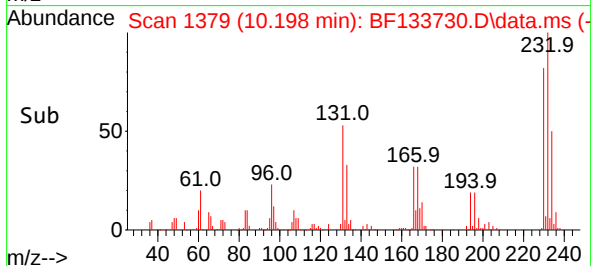
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



Tgt Ion:232 Resp: 72590
Ion Ratio Lower Upper
232 100
131 53.2 38.0 57.0
130 3.3 1.8 2.8
166 32.0 24.2 36.4

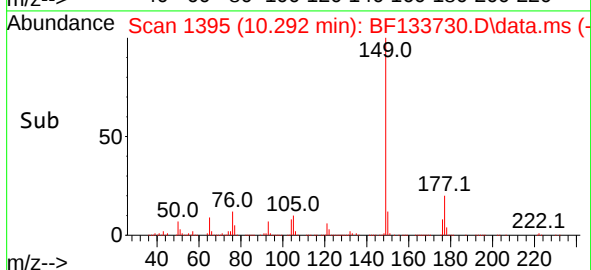
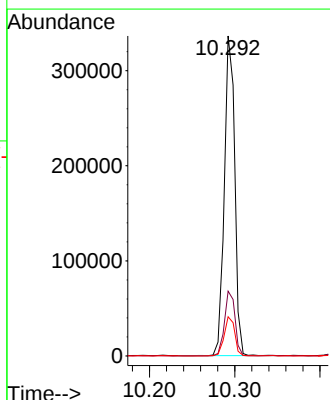
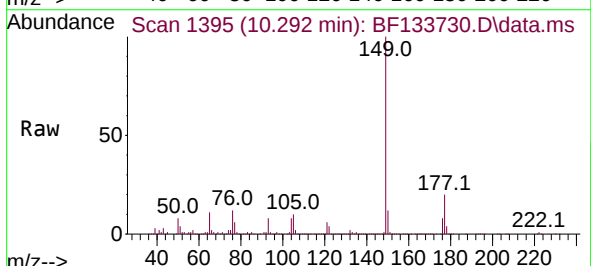
Manual Integrations
APPROVED

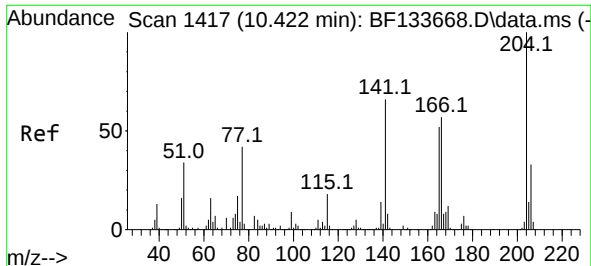
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#60
Diethylphthalate
Concen: 38.047 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

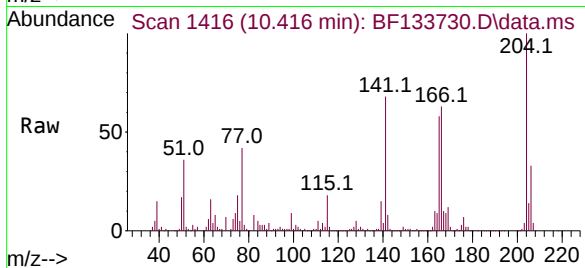
Tgt Ion:149 Resp: 285482
Ion Ratio Lower Upper
149 100
177 20.3 17.0 25.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.755 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

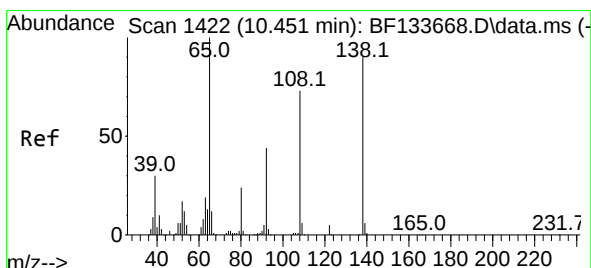
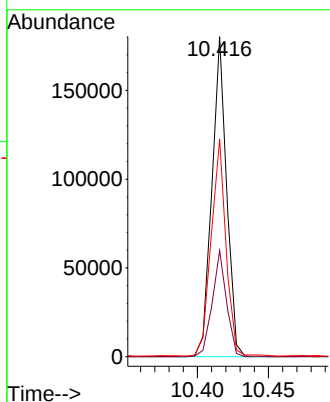
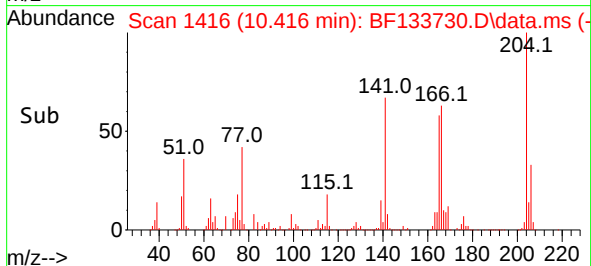
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



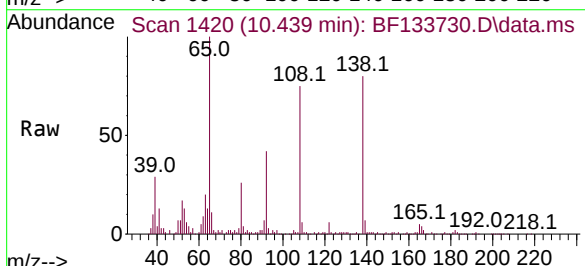
Tgt Ion:204 Resp: 129968
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 68.0 52.8 79.2

Manual Integrations
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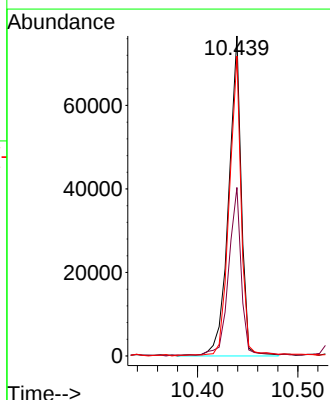
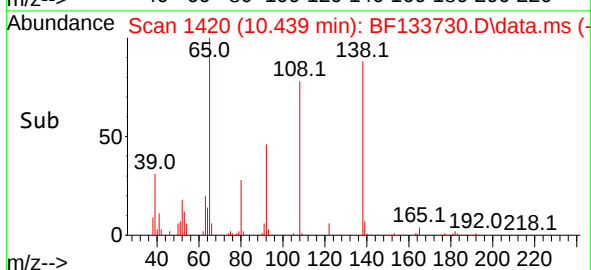
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

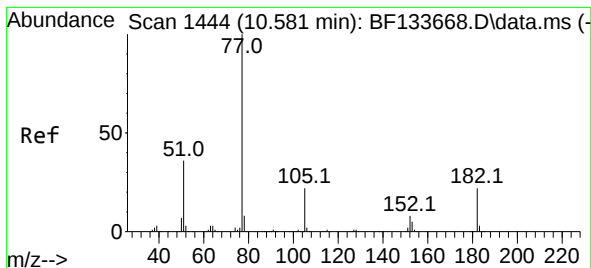


#62
4-Nitroaniline
Concen: 37.030 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45



Tgt Ion:138 Resp: 67235
Ion Ratio Lower Upper
138 100
92 52.7 28.9 68.9
108 93.7 61.0 101.0





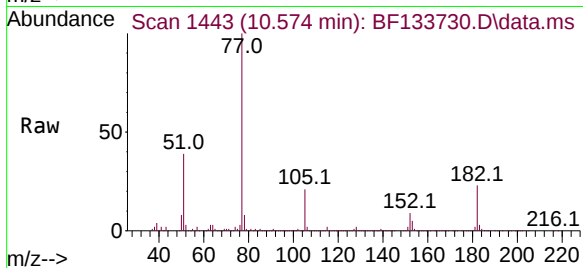
#63
Azobenzene
Concen: 40.753 ng
RT: 10.574 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD



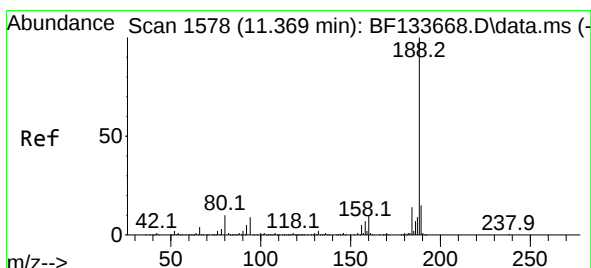
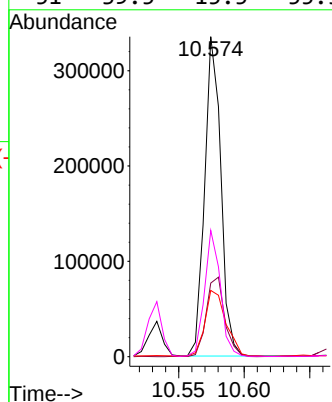
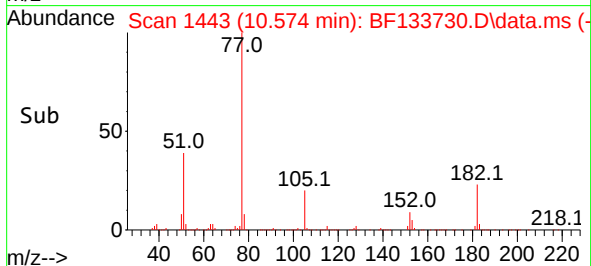
Tgt Ion: 77 Resp: 28947
Ion Ratio Lower Upper
77 100
182 23.0 1.6 41.6
105 20.7 1.6 41.6
51 39.5 15.5 55.5

Manual Integrations

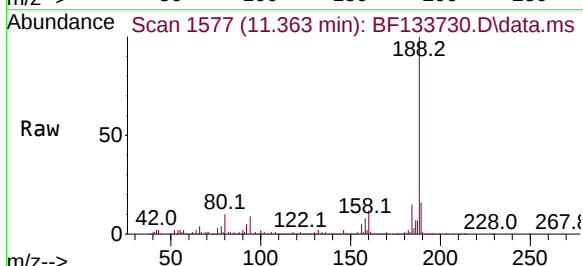
APPROVED

Reviewed By :Yogesh Patel 06/14/2023

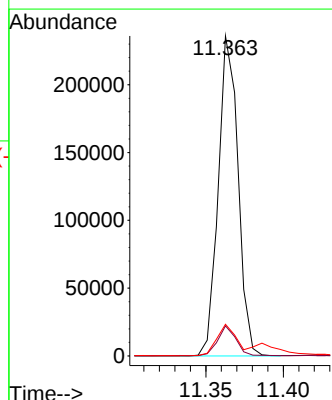
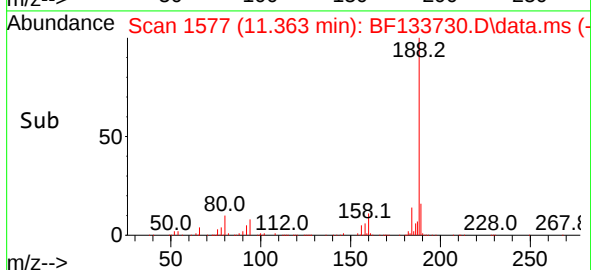
Supervised By :mohammad ahmed 06/16/2023

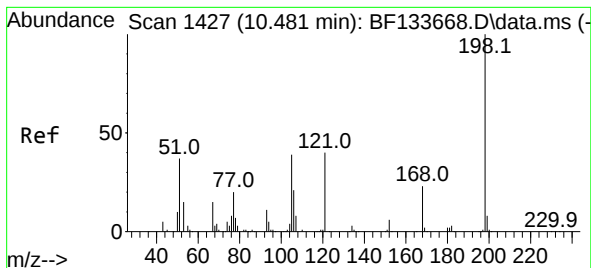


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45



Tgt Ion:188 Resp: 209450
Ion Ratio Lower Upper
188 100
94 9.4 6.8 10.2
80 9.9 7.8 11.6





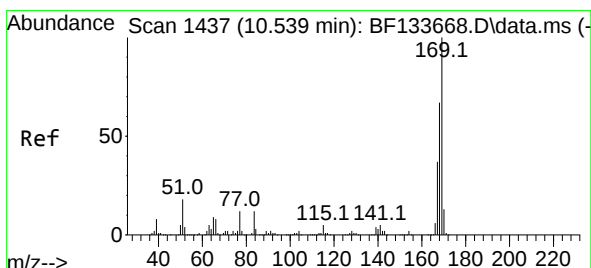
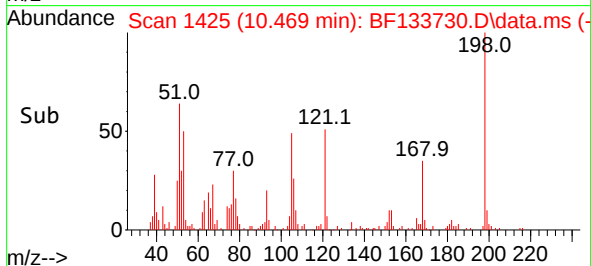
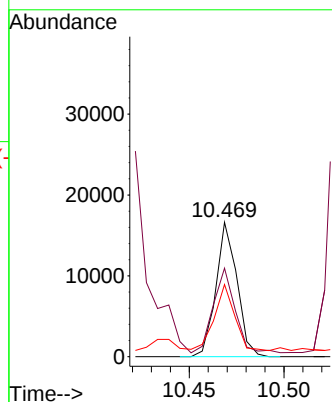
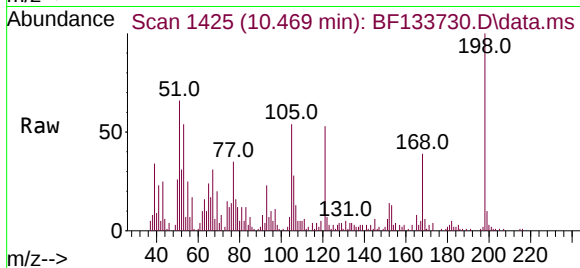
#65
4,6-Dinitro-2-methylphenol
Concen: 12.832 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD

Tgt Ion:198 Resp: 1284
Ion Ratio Lower Upper
198 100
51 65.9 27.5 67.5
105 53.7 21.0 61.0

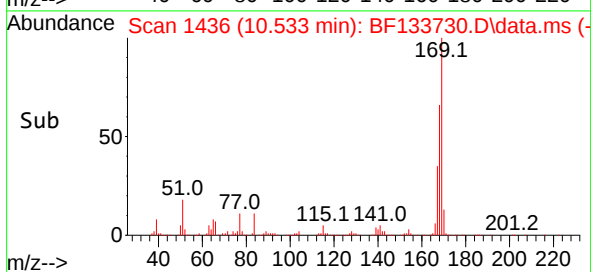
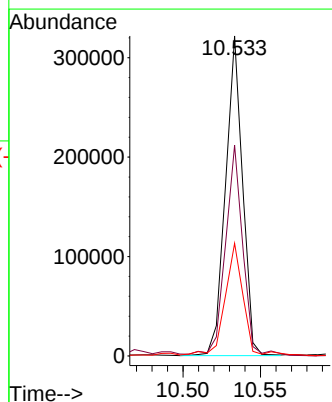
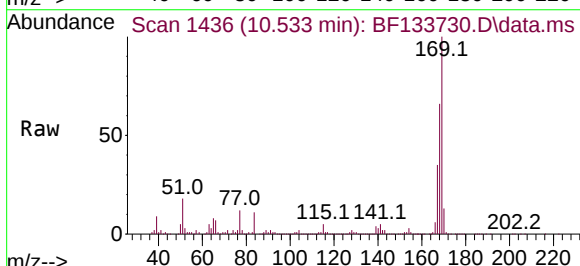
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#66
n-Nitrosodiphenylamine
Concen: 34.915 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:169 Resp: 245643
Ion Ratio Lower Upper
169 100
168 65.9 53.7 80.5
167 35.2 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 33.915 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

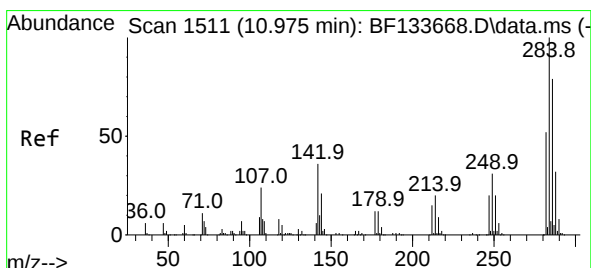
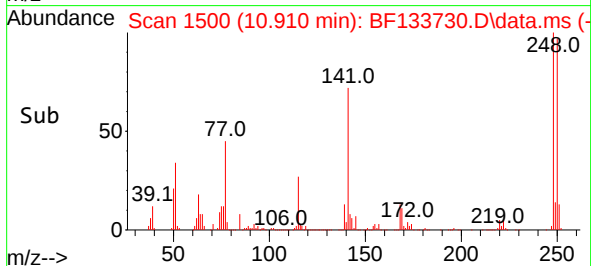
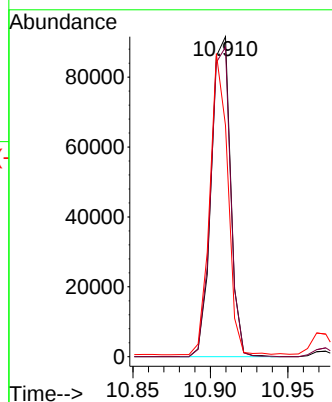
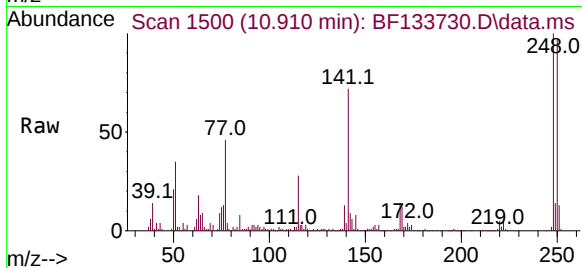
ClientSampleId :

NB-8-060823MSD

Tgt Ion:248 Resp: 7928
Ion Ratio Lower Upper
248 100
250 96.8 78.3 117.5
141 72.3 69.0 103.6

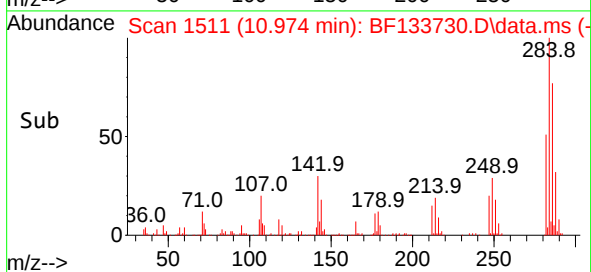
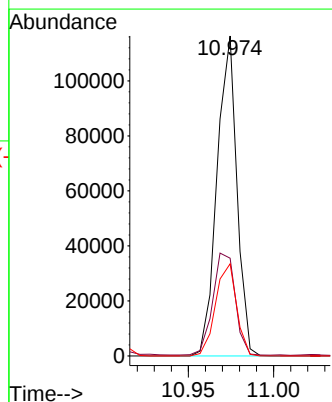
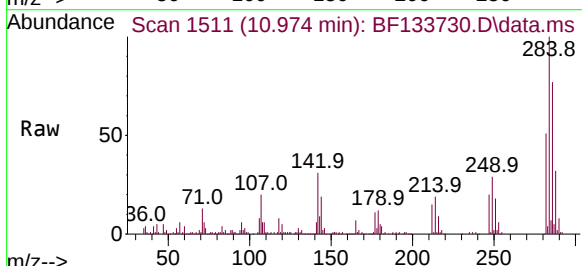
Manual Integrations
APPROVED

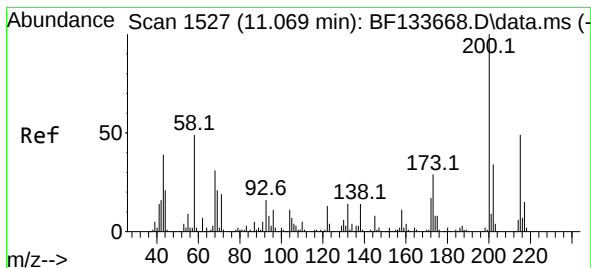
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#68
Hexachlorobenzene
Concen: 38.355 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:284 Resp: 94288
Ion Ratio Lower Upper
284 100
142 30.5 28.6 42.8
249 28.8 24.6 36.8





#69

Atrazine

Concen: 40.864 ng

RT: 11.063 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

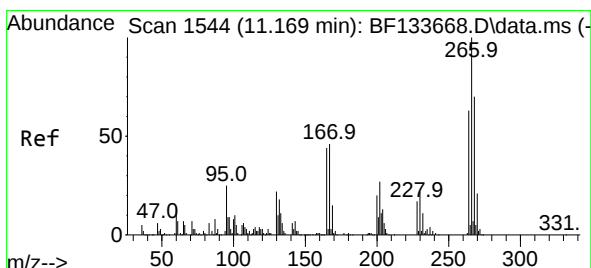
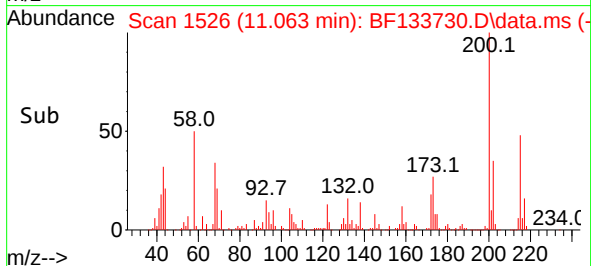
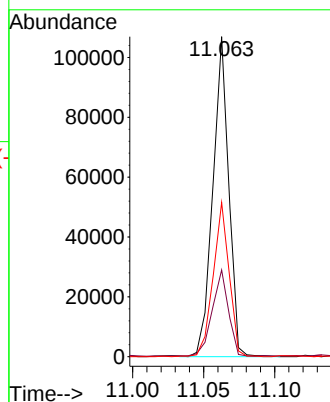
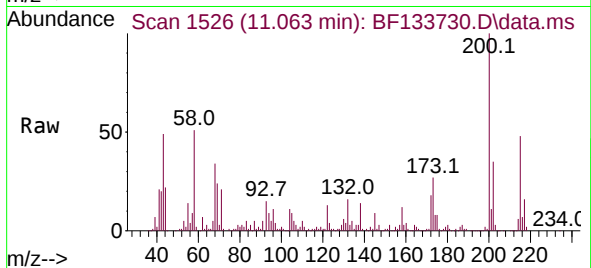
Tgt Ion:	200	Resp:	8341
Ion Ratio	Lower	Upper	
200	100		
173	27.1	8.7	48.7
215	48.2	29.0	69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#70

Pentachlorophenol

Concen: 73.747 ng

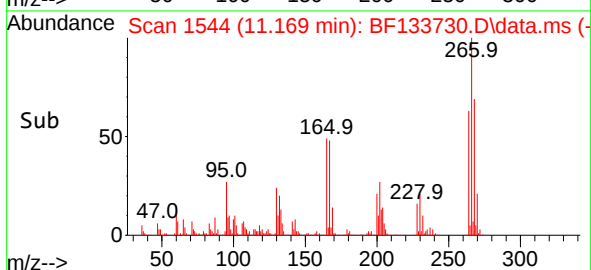
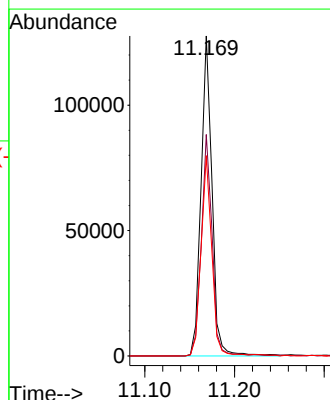
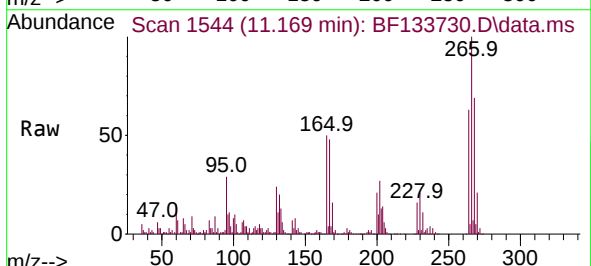
RT: 11.169 min Scan# 1544

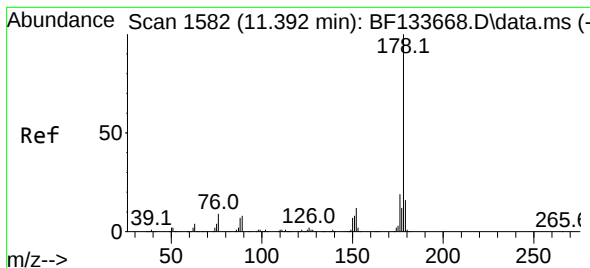
Delta R.T. -0.000 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Tgt Ion:	266	Resp:	108560
Ion Ratio	Lower	Upper	
266	100		
268	69.2	55.7	83.5
264	62.6	50.7	76.1





#71

Phenanthrene

Concen: 70.907 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

Tgt Ion:178 Resp: 753489

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

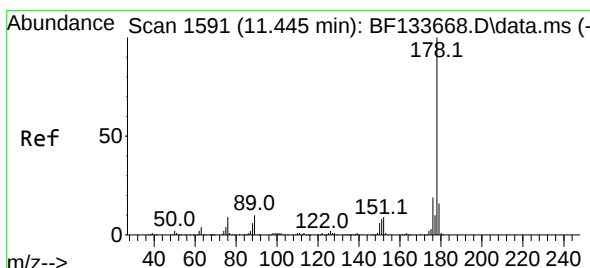
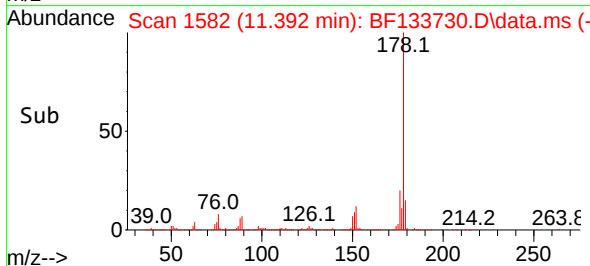
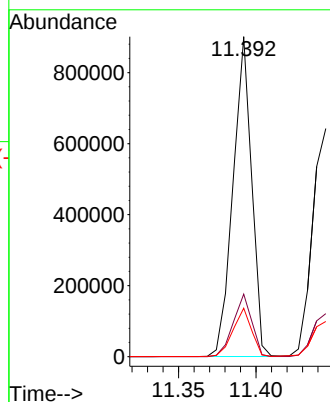
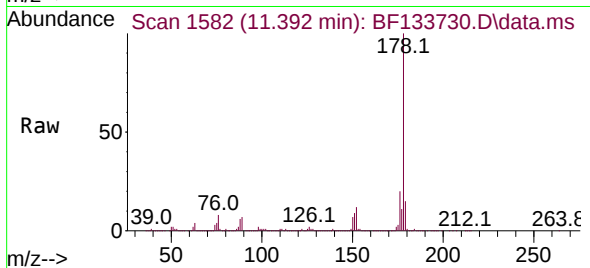
179 15.2 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#72

Anthracene

Concen: 49.392 ng

RT: 11.445 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

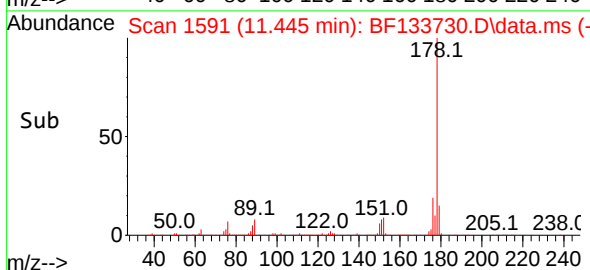
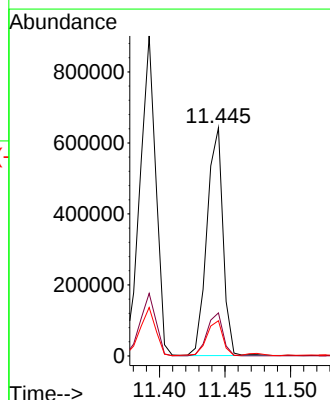
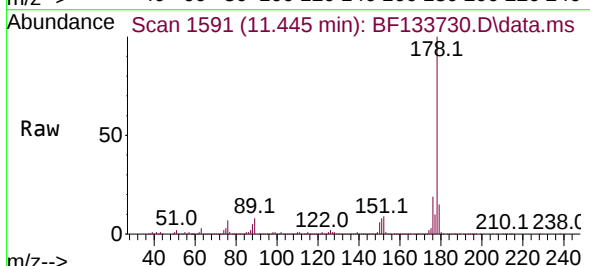
Tgt Ion:178 Resp: 547270

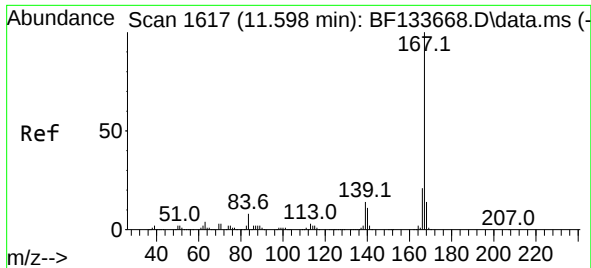
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

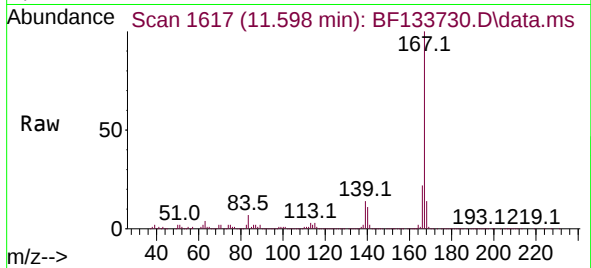
179 15.4 12.6 18.8





#73
 Carbazole
 Concen: 44.219 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF133730.D
 Acq: 13 Jun 2023 14:45

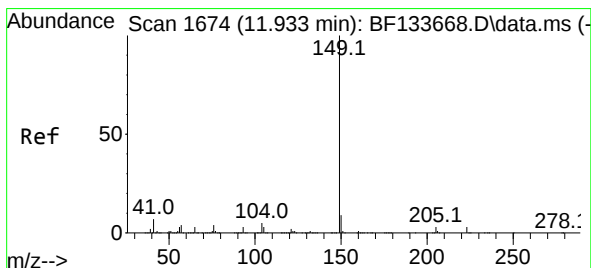
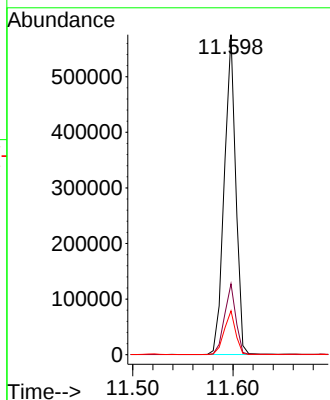
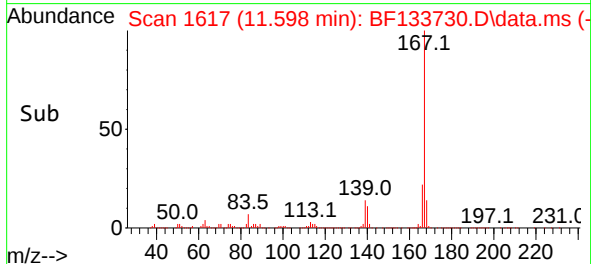
Instrument :
 BNA_F
 ClientSampleId :
 NB-8-060823MSD



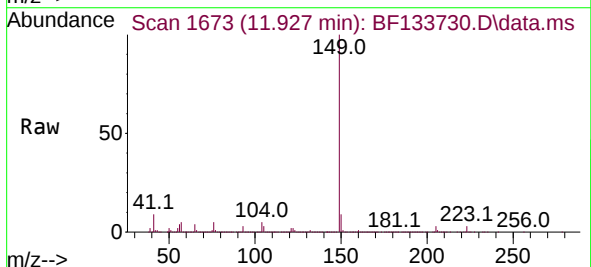
Tgt Ion:167 Resp: 45632
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.6
 139 13.7 11.2 16.8

Manual Integrations
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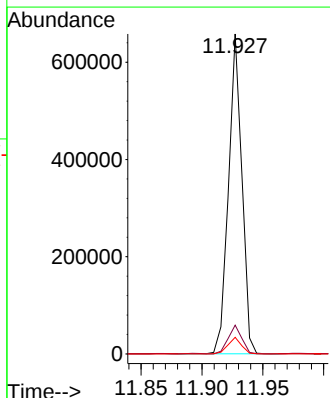
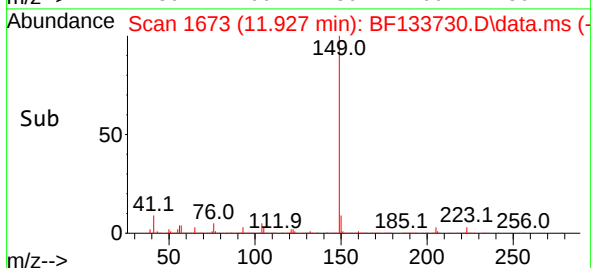
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

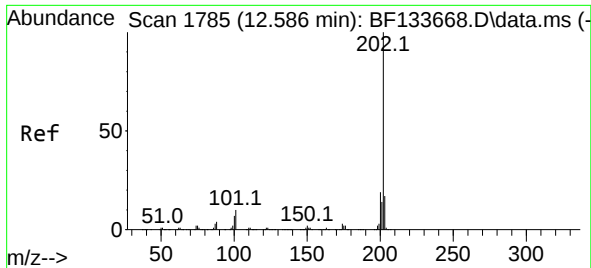


#74
 Di-n-butylphthalate
 Concen: 37.926 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF133730.D
 Acq: 13 Jun 2023 14:45



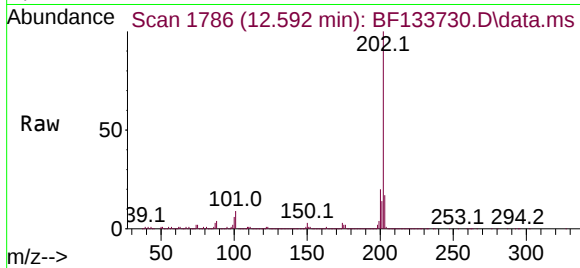
Tgt Ion:149 Resp: 501748
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.2 3.8 5.8





#75
Fluoranthene
Concen: 102.361 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

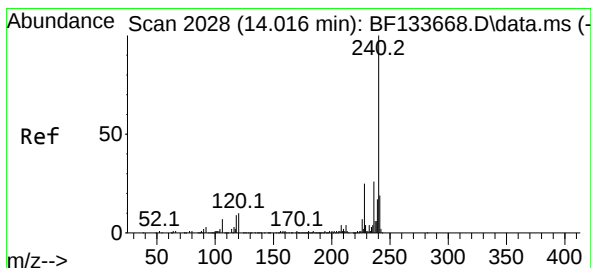
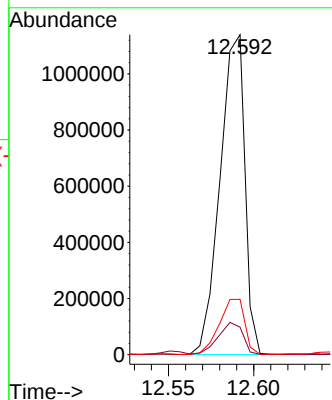
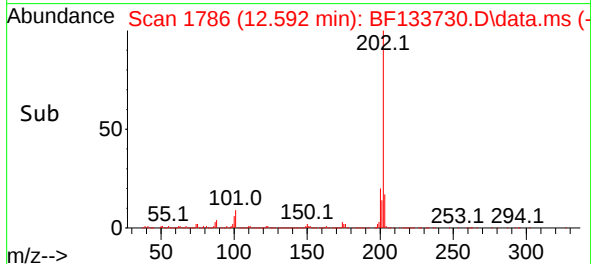
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



Tgt Ion:202 Resp: 1155099
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.6
203 17.3 0.0 37.4

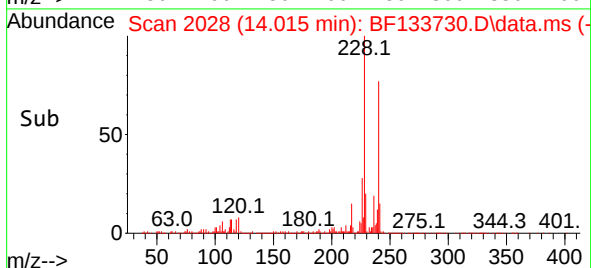
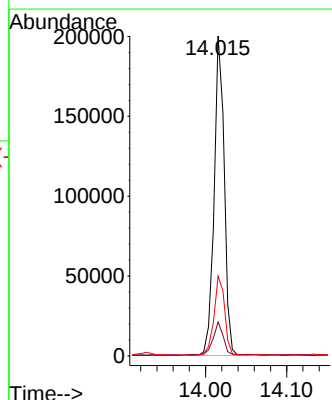
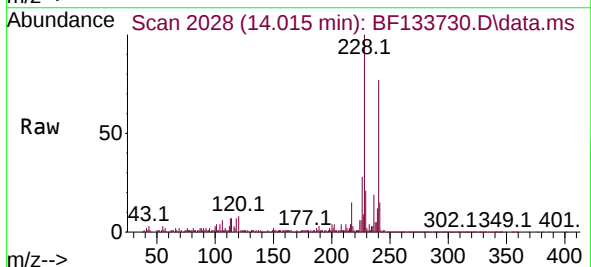
Manual Integrations
APPROVED

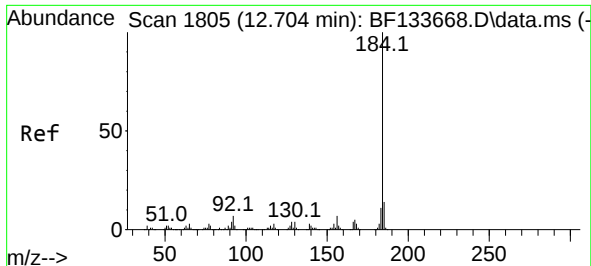
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

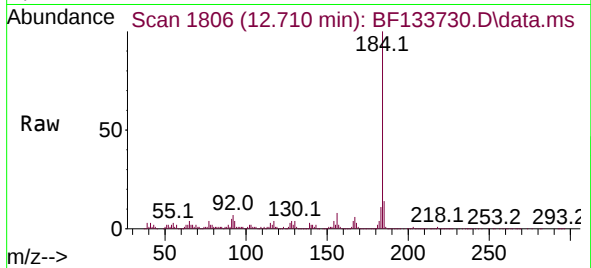
Tgt Ion:240 Resp: 173190
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 25.0 20.5 30.7





#77
Benzidine
Concen: 36.852 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

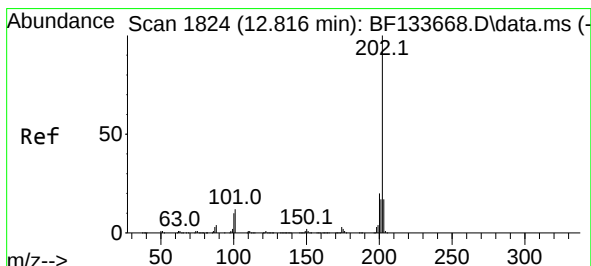
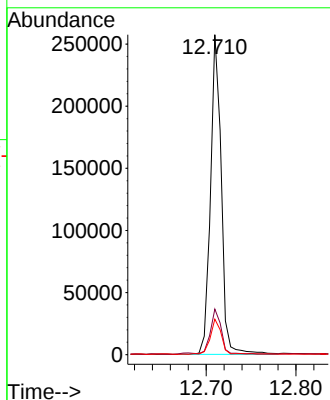
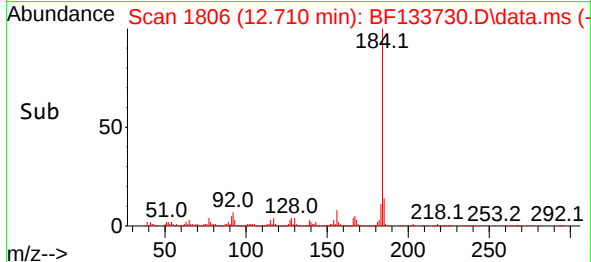
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



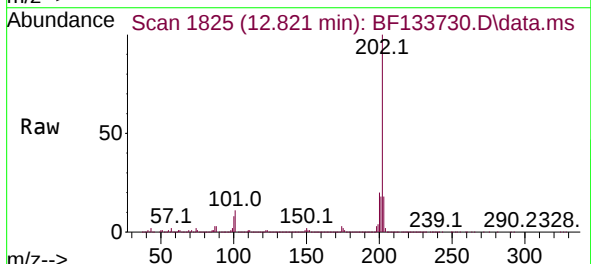
Tgt Ion:184 Resp: 21416
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 11.1 8.4 12.6

Manual Integrations
APPROVED

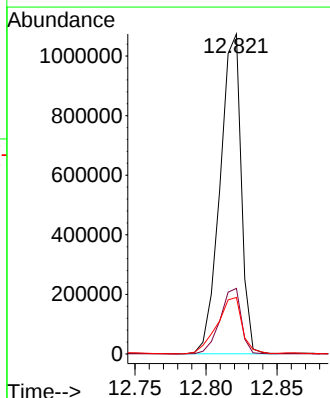
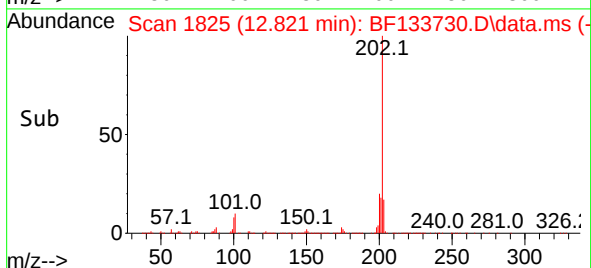
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

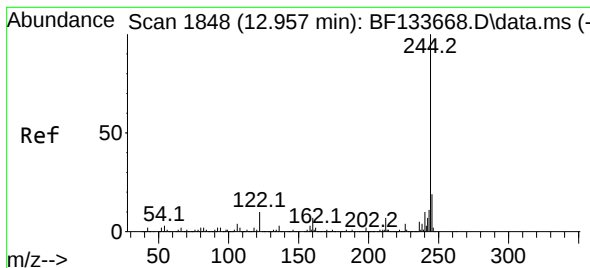


#78
Pyrene
Concen: 68.932 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45



Tgt Ion:202 Resp: 1112103
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 34.686 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF133730.D

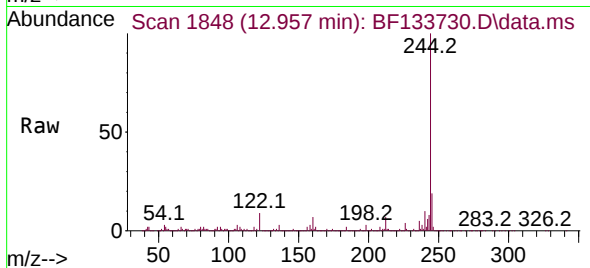
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD



Tgt Ion:244 Resp: 388227

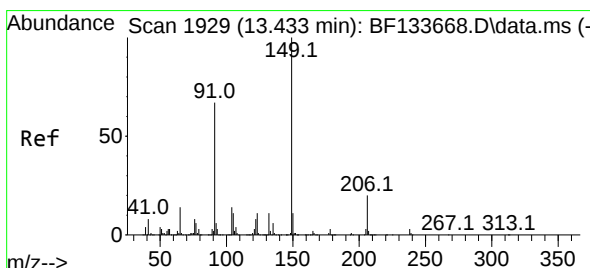
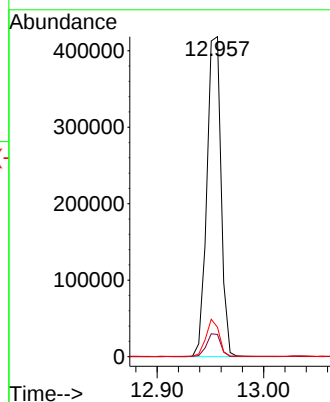
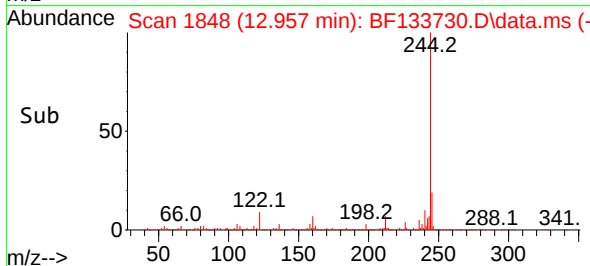
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	9.2	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#80

Butylbenzylphthalate

Concen: 35.861 ng

RT: 13.433 min Scan# 1929

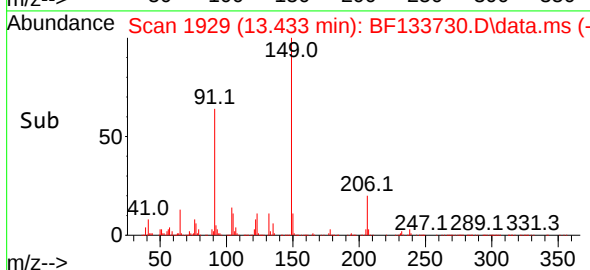
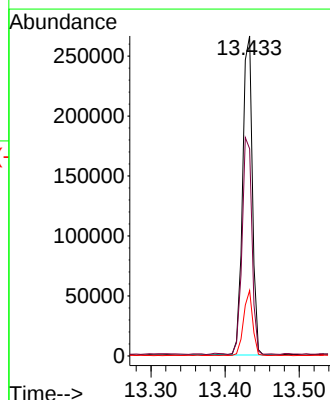
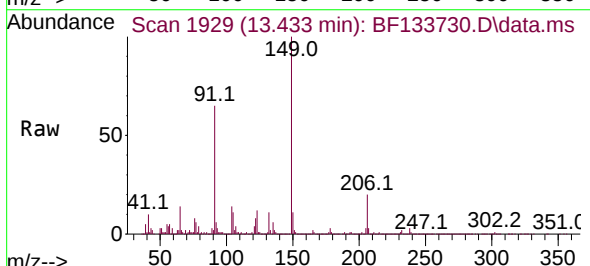
Delta R.T. -0.000 min

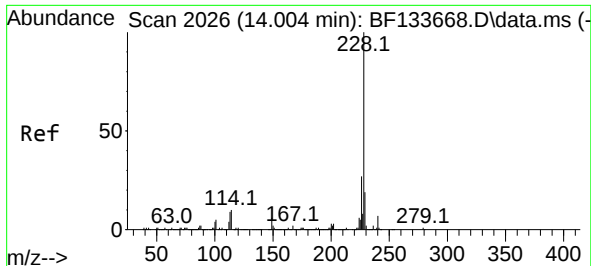
Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Tgt Ion:149 Resp: 244248

Ion	Ratio	Lower	Upper
149	100		
91	64.8	54.0	81.0
206	20.5	15.6	23.4





#81
Benzo(a)anthracene
Concen: 64.346 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

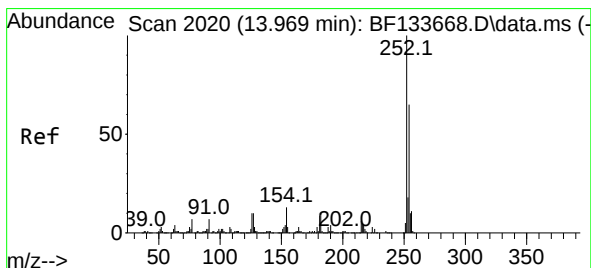
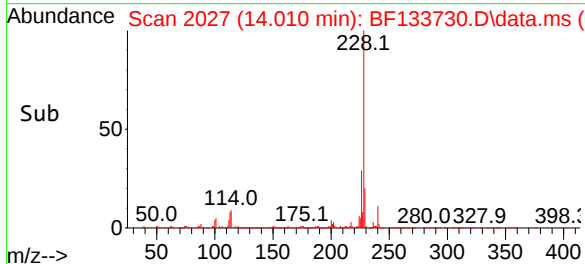
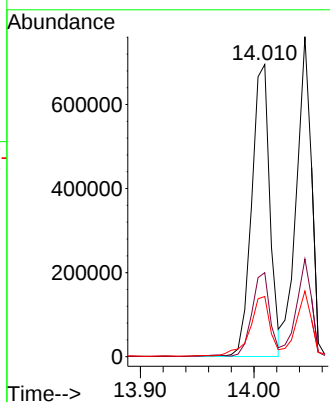
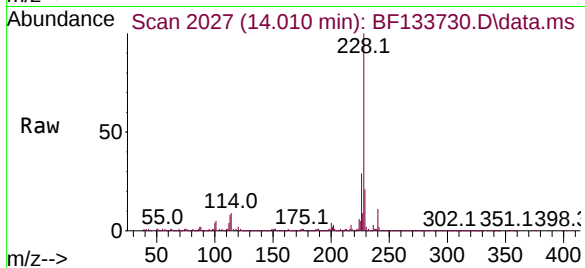
ClientSampleId :

NB-8-060823MSD

Tgt Ion:228 Resp: 770839
Ion Ratio Lower Upper
228 100
226 28.7 21.7 32.5
229 20.6 15.4 23.2

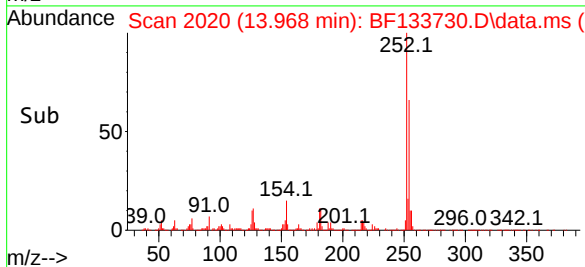
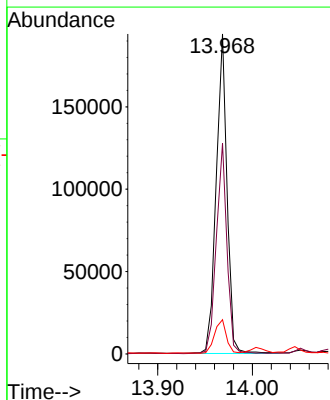
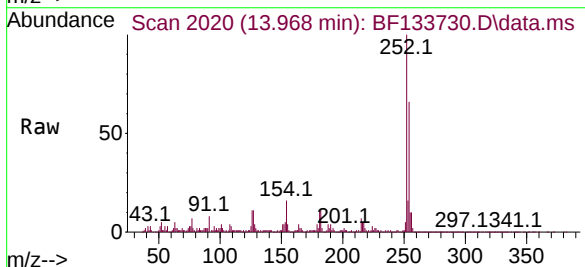
Manual Integrations
APPROVED

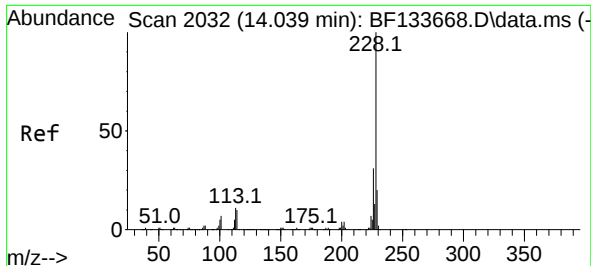
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 38.704 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:252 Resp: 154147
Ion Ratio Lower Upper
252 100
254 65.8 51.9 77.9
126 10.7 7.7 11.5





#83
Chrysene
Concen: 61.647 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

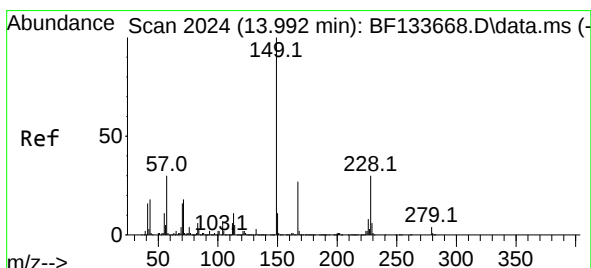
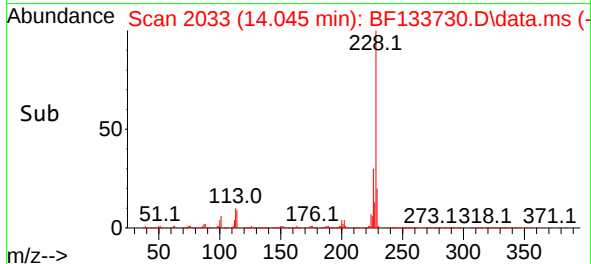
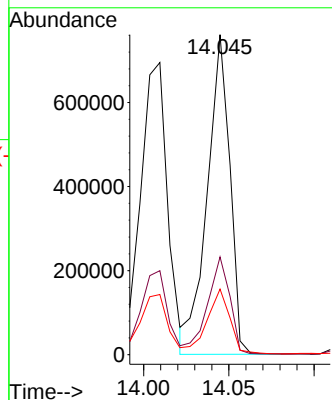
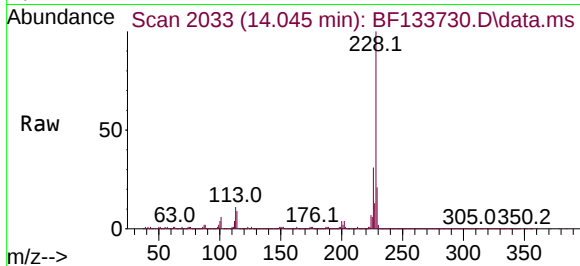
ClientSampleId :

NB-8-060823MSD

Tgt Ion:228 Resp: 69849
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.6
229 20.5 15.8 23.8

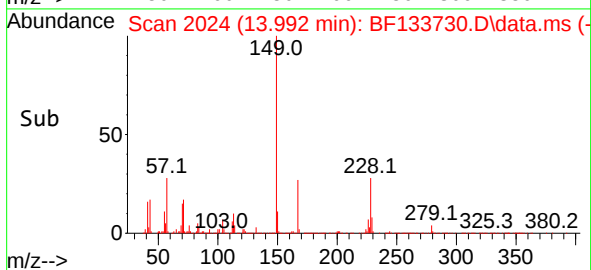
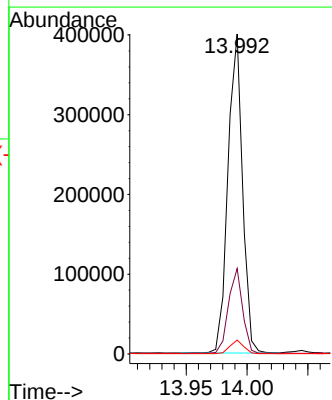
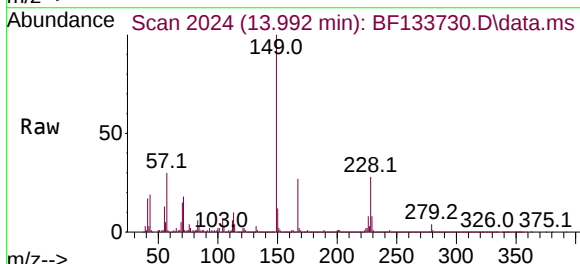
Manual Integrations
APPROVED

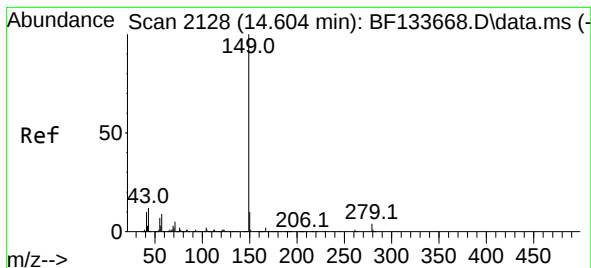
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.813 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

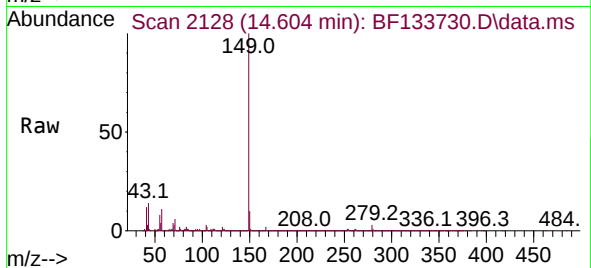
Tgt Ion:149 Resp: 333877
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 45.866 ng
RT: 14.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

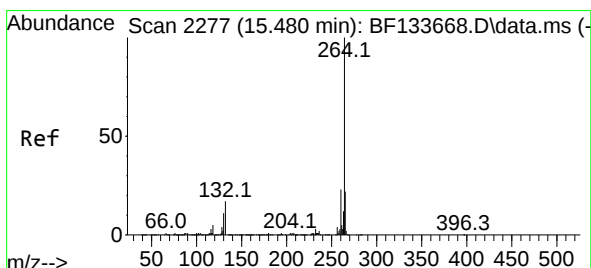
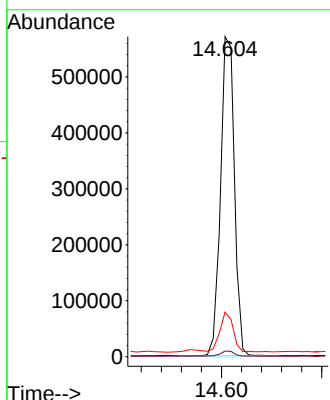
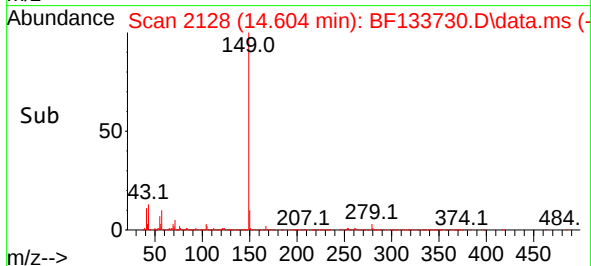
Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD



Tgt Ion:149 Resp: 546609
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 12.0 8.7 13.1

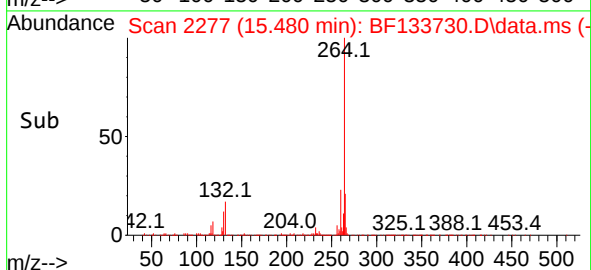
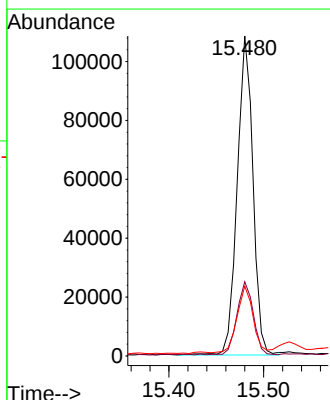
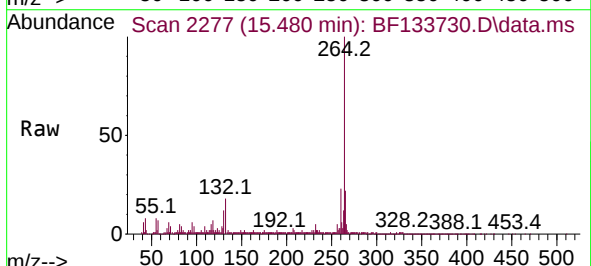
Manual Integrations
APPROVED

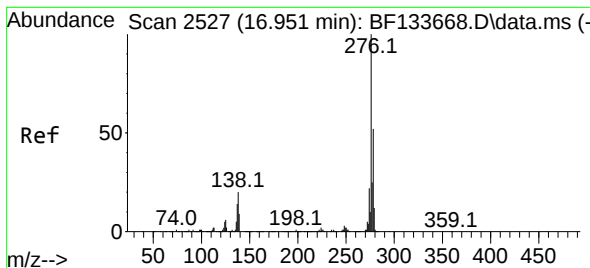
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:264 Resp: 124553
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.2
265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.652 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

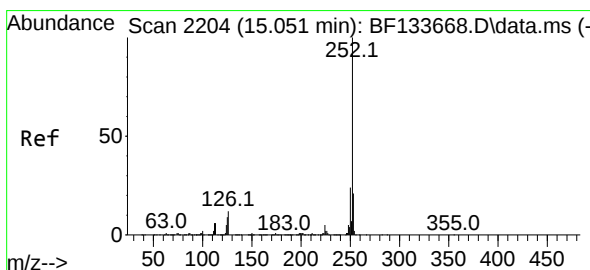
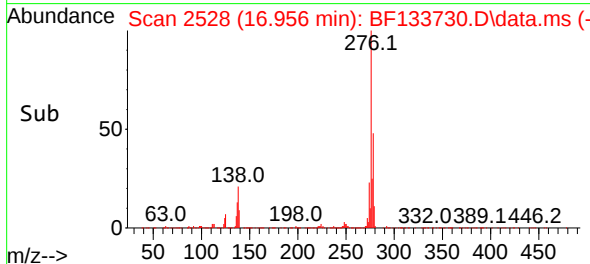
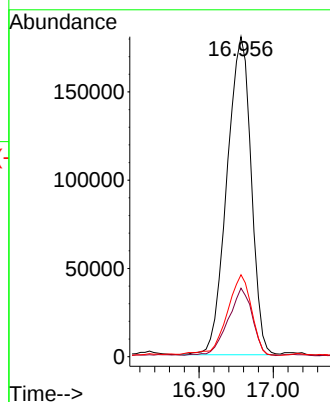
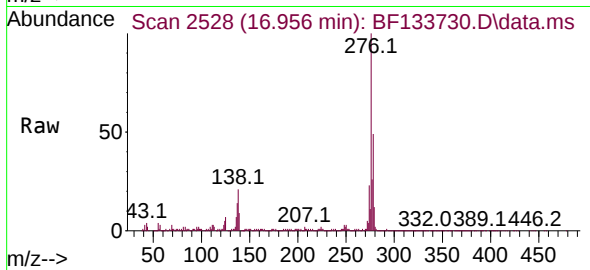
Tgt Ion:276 Resp: 408320
 Ion Ratio Lower Upper
 276 100
 138 21.3 17.9 26.9
 277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#88

Benzo(b)fluoranthene

Concen: 85.245 ng

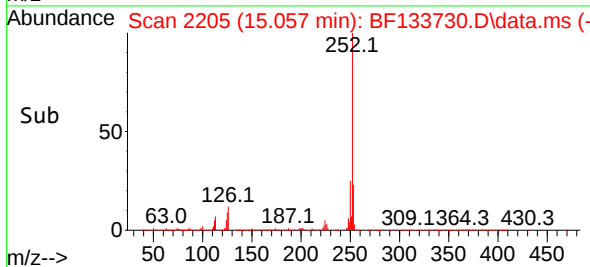
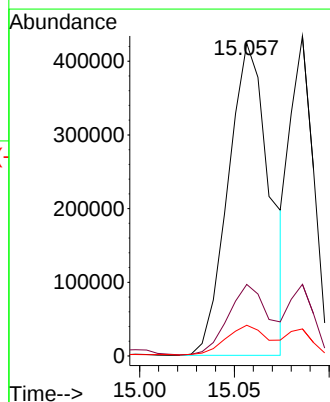
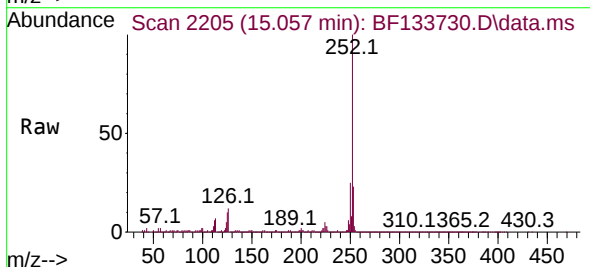
RT: 15.057 min Scan# 2205

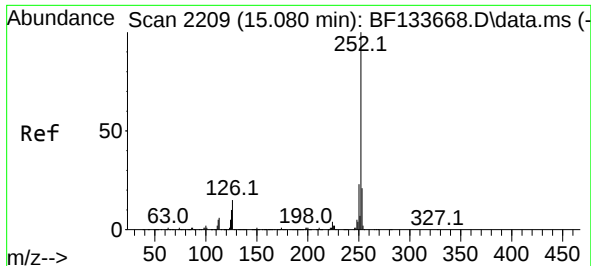
Delta R.T. -0.000 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Tgt Ion:252 Resp: 644966
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.0 25.6
 125 9.9 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 51.147 ng
RT: 15.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

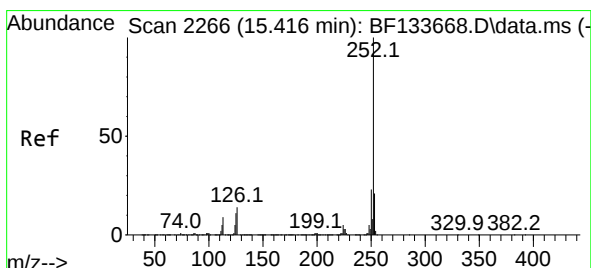
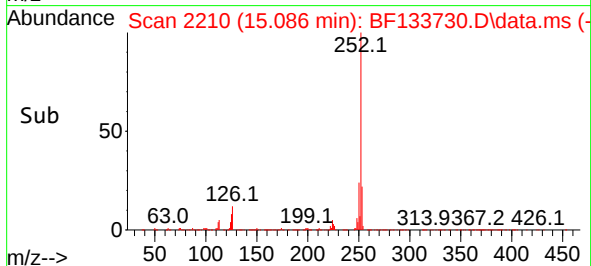
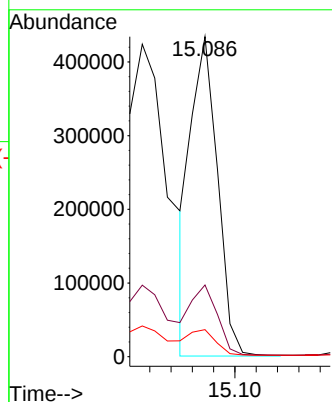
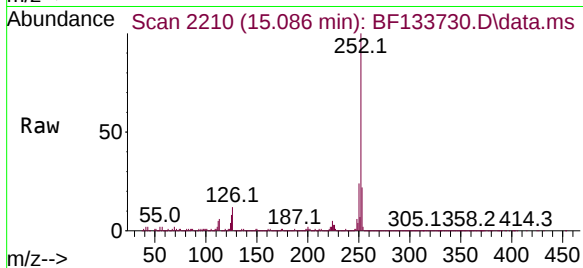
NB-8-060823MSD

Tgt Ion:252 Resp: 37696
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 8.5 7.8 11.6

Manual Integrations

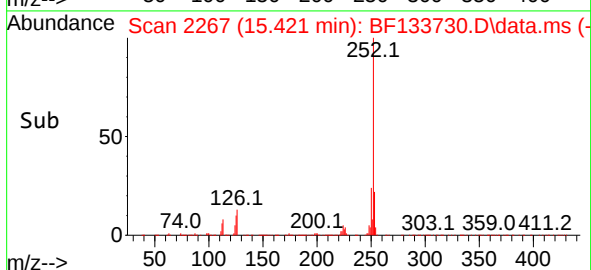
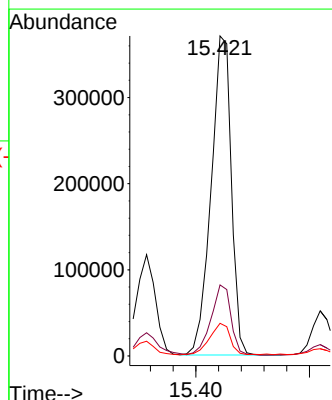
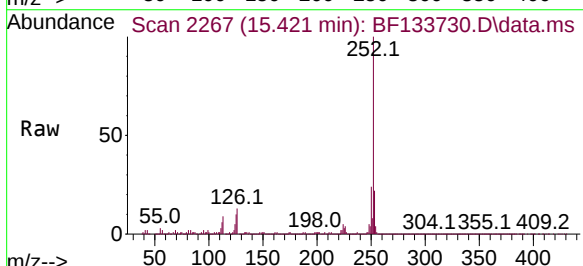
APPROVED

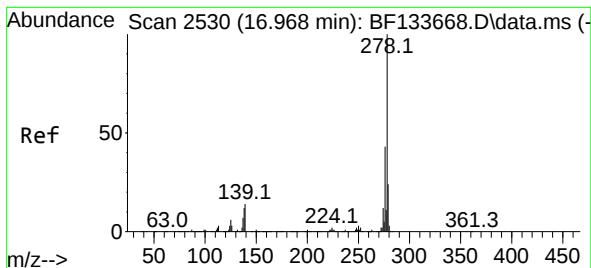
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#90
Benzo(a)pyrene
Concen: 65.192 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF133730.D
Acq: 13 Jun 2023 14:45

Tgt Ion:252 Resp: 457772
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 10.2 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 36.625 ng

RT: 16.968 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Instrument :

BNA_F

ClientSampleId :

NB-8-060823MSD

Tgt Ion:278 Resp: 259824

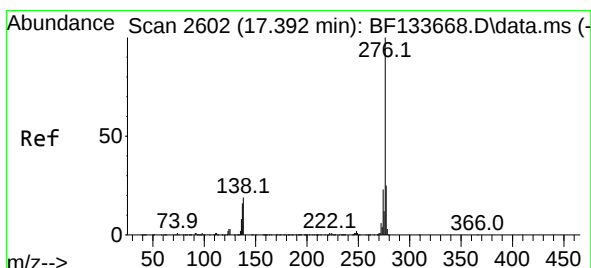
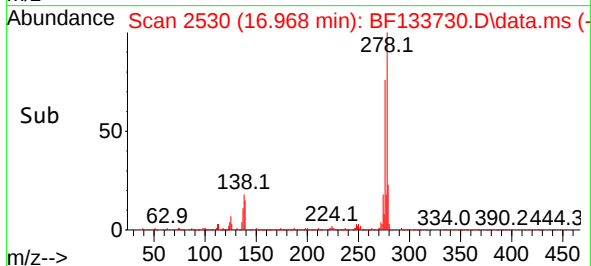
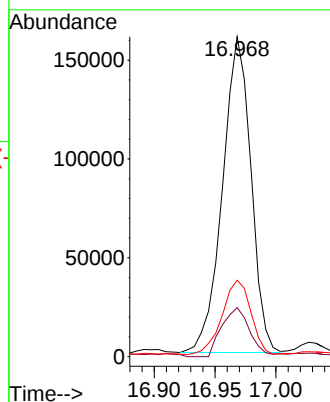
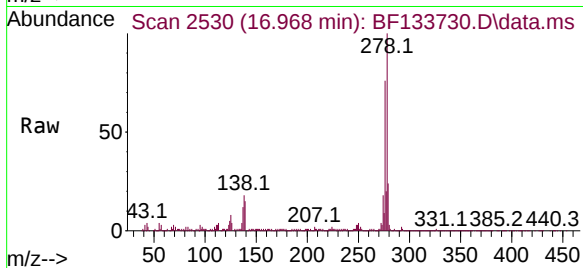
Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.4	17.2
279	23.9	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#92

Benzo(g,h,i)perylene

Concen: 49.414 ng

RT: 17.403 min Scan# 2604

Delta R.T. -0.000 min

Lab File: BF133730.D

Acq: 13 Jun 2023 14:45

Tgt Ion:276 Resp: 347563

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.8	29.8
138	18.0	15.0	22.4

