

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136731.D
 Acq On : 26 Dec 2023 21:34
 Operator : CG\JU
 Sample : 05765-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-03-9.5-10.5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 27 03:59:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	65740	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	251649	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	114232	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	170592	20.000	ng	0.00
76) Chrysene-d12	13.974	240	122742	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	118946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	177559	42.142	ng	0.03
7) Phenol-d6	6.440	99	374309	68.562	ng	0.00
23) Nitrobenzene-d5	7.351	82	258765	52.618	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	29993	22.294	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	430033	50.633	ng	-0.01
79) Terphenyl-d14	12.904	244	320021	36.436	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	66124	37.666	ng	97
3) Pyridine	3.840	79	161752m	37.764	ng	
4) n-Nitrosodimethylamine	4.046	42	109260m	47.767	ng	
6) Aniline	6.457	93	131640	24.117	ng	# 56
8) 2-Chlorophenol	6.581	128	193737	42.018	ng	94
9) Benzaldehyde	6.345	77	65343	21.042	ng	95
10) Phenol	6.451	94	235432	40.397	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	179252	40.444	ng	98
12) 1,3-Dichlorobenzene	6.734	146	198193	39.403	ng	95
13) 1,4-Dichlorobenzene	6.804	146	203815	39.657	ng	98
14) 1,2-Dichlorobenzene	6.957	146	193876	40.540	ng	99
15) Benzyl Alcohol	6.934	79	162152	44.025	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	288176	39.769	ng	99
17) 2-Methylphenol	7.051	107	152952	40.043	ng	97
18) Hexachloroethane	7.292	117	72148	38.655	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	133050	40.203	ng	99
20) 3+4-Methylphenols	7.204	107	192749	40.391	ng	# 64
22) Acetophenone	7.192	105	274566	43.530	ng	# 92
24) Nitrobenzene	7.369	77	195152	39.614	ng	96
25) Isophorone	7.604	82	366356	40.941	ng	98
26) 2-Nitrophenol	7.681	139	94803	40.222	ng	95
27) 2,4-Dimethylphenol	7.722	122	126140	43.959	ng	100
28) bis(2-Chloroethoxy)met...	7.816	93	223780	41.141	ng	100
29) 2,4-Dichlorophenol	7.928	162	154988	41.954	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	165929	40.313	ng	97
31) Naphthalene	8.087	128	1090986	78.914	ng	100
32) Benzoic acid	7.822	122	63191m	22.760	ng	
33) 4-Chloroaniline	8.134	127	83593	16.377	ng	98
34) Hexachlorobutadiene	8.198	225	97698	39.067	ng	99
35) Caprolactam	8.516	113	46186	37.898	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	163738	39.371	ng	98
37) 2-Methylnaphthalene	8.781	142	681823	76.633	ng	99
38) 1-Methylnaphthalene	8.875	142	338130	38.736	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	172255	48.691	ng	99
41) Hexachlorocyclopentadiene	8.928	237	36474	35.254	ng	95
43) 2,4,6-Trichlorophenol	9.057	196	101449	44.715	ng	97

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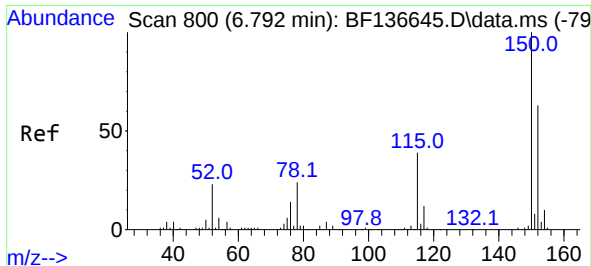
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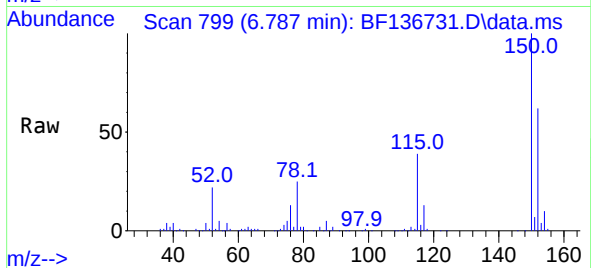
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	105999	41.926	ng	94
46) 1,1'-Biphenyl	9.239	154	449800	46.924	ng	99
47) 2-Chloronaphthalene	9.269	162	316097	43.377	ng	97
48) 2-Nitroaniline	9.369	65	101084	44.296	ng	94
49) Acenaphthylene	9.686	152	1007664	90.467	ng	99
50) Dimethylphthalate	9.545	163	374633	44.900	ng	99
51) 2,6-Dinitrotoluene	9.616	165	82269	43.445	ng	94
52) Acenaphthene	9.857	154	565164	81.854	ng	99
53) 3-Nitroaniline	9.781	138	75208	37.492	ng	97
54) 2,4-Dinitrophenol	9.892	184	4870	8.159	ng	# 83
55) Dibenzofuran	10.028	168	440472	42.085	ng	100
56) 4-Nitrophenol	9.957	139	93114	68.763	ng	93
57) 2,4-Dinitrotoluene	10.016	165	96397	39.213	ng	97
58) Fluorene	10.375	166	653341	78.672	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	70421	36.184	ng	# 98
60) Diethylphthalate	10.245	149	352776	40.749	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	159196	39.438	ng	97
62) 4-Nitroaniline	10.398	138	71250	36.845	ng	91
63) Azobenzene	10.528	77	318567	39.398	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	6202	6.344	ng	# 59
66) n-Nitrosodiphenylamine	10.486	169	288468	52.055	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	88664	46.799	ng	97
68) Hexachlorobenzene	10.922	284	94023	44.533	ng	97
69) Atrazine	11.022	200	87666	61.851	ng	95
70) Pentachlorophenol	11.122	266	73067	74.247	ng	94
71) Phenanthrene	11.345	178	819711	93.647	ng	99
72) Anthracene	11.398	178	786791	88.756	ng	99
73) Carbazole	11.551	167	360471	43.130	ng	98
74) Di-n-butylphthalate	11.880	149	477320	46.803	ng	100
75) Fluoranthene	12.539	202	825184	88.133	ng	98
77) Benzidine	12.657	184	44417	12.273	ng	# 93
78) Pyrene	12.769	202	841521	69.840	ng	99
80) Butylbenzylphthalate	13.386	149	180126	41.084	ng	99
81) Benzo(a)anthracene	13.963	228	800151	93.881	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	94788	39.161	ng	97
83) Chrysene	14.004	228	748991	89.864	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	253484	45.952	ng	# 97
85) Di-n-octyl phthalate	14.568	149	476569	55.851	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	564516	65.733	ng	99
88) Benzo(b)fluoranthene	15.021	252	818492	103.026	ng	99
89) Benzo(k)fluoranthene	15.057	252	627442	83.583	ng	99
90) Benzo(a)pyrene	15.392	252	615807	91.829	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	462284	65.613	ng	98
92) Benzo(g,h,i)perylene	17.415	276	425977	59.030	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

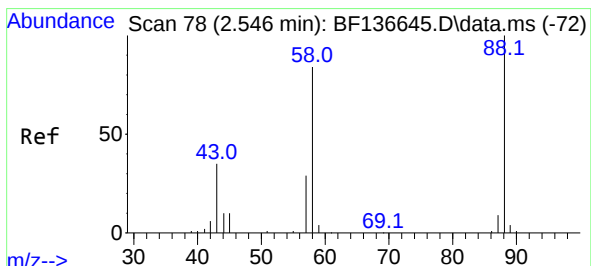
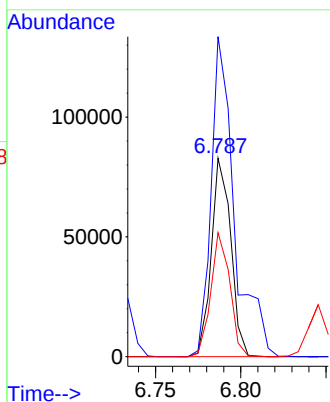
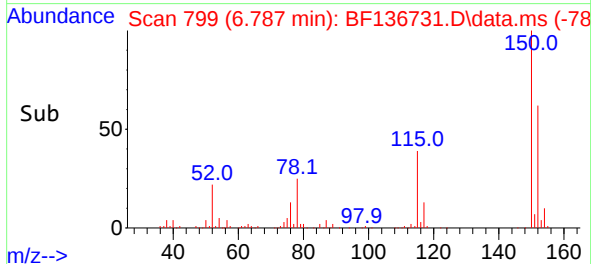
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:152 Resp: 65740
Ion Ratio Lower Upper
152 100
150 161.2 127.0 190.6
115 62.5 49.0 73.4

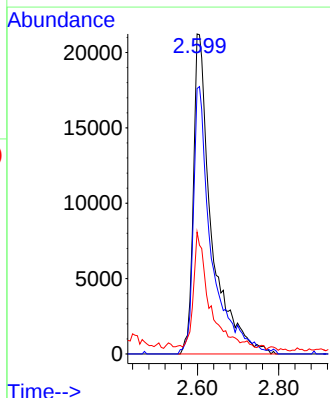
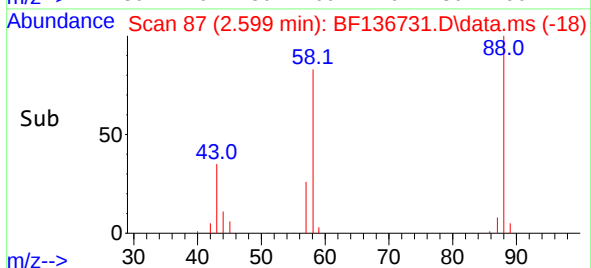
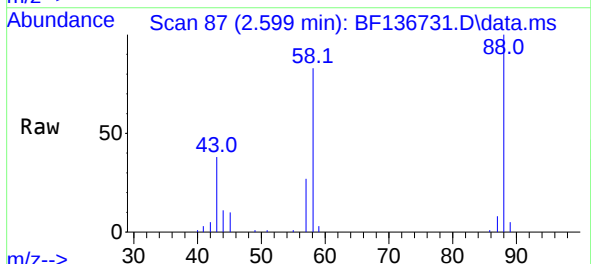
Manual Integrations
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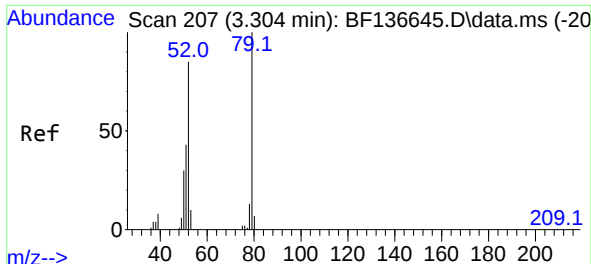
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#2
1,4-Dioxane
Concen: 37.666 ng
RT: 2.599 min Scan# 87
Delta R.T. 0.053 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

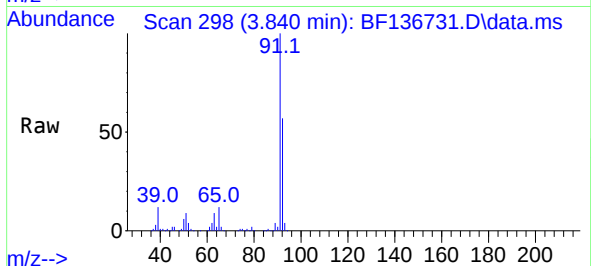
Tgt Ion: 88 Resp: 66124
Ion Ratio Lower Upper
88 100
58 83.2 67.4 101.0
43 29.9 27.7 41.5





#3
Pyridine
Concen: 37.764 ng m
RT: 3.840 min Scan# 24
Delta R.T. 0.535 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

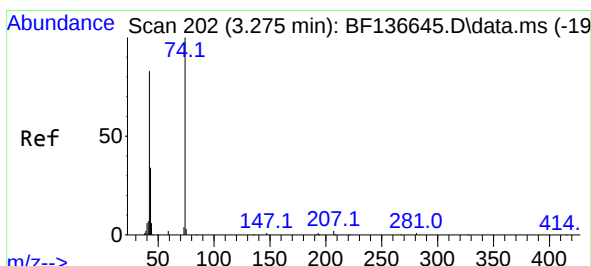
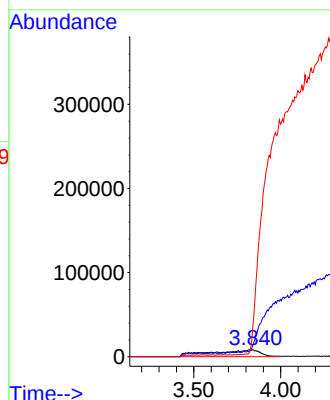
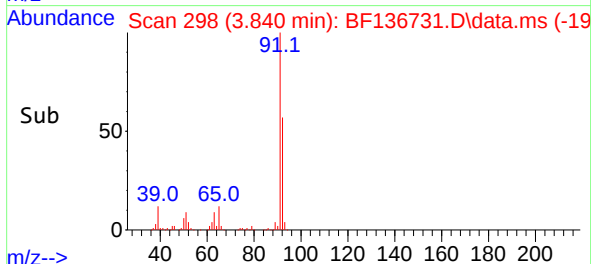
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion: 79 Resp: 161752
Ion Ratio Lower Upper
79 100
52 165.3 67.7 101.5
51 417.7 34.0 51.0

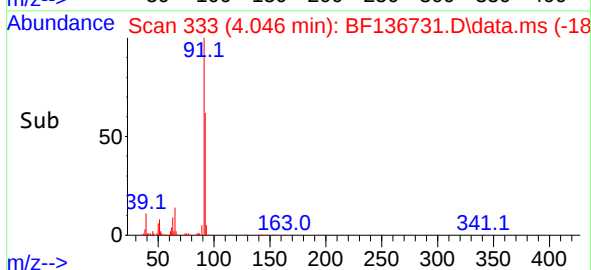
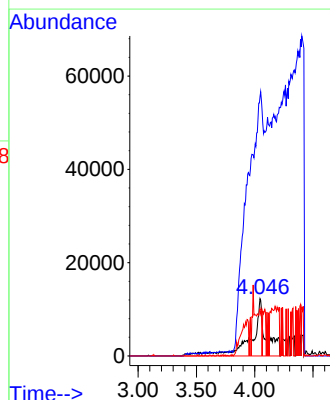
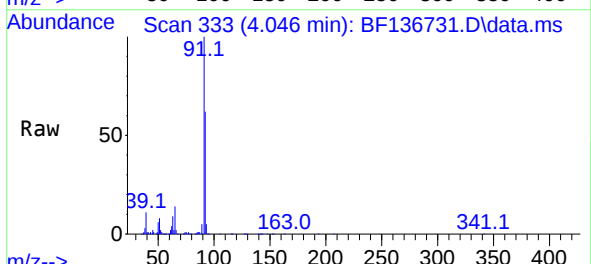
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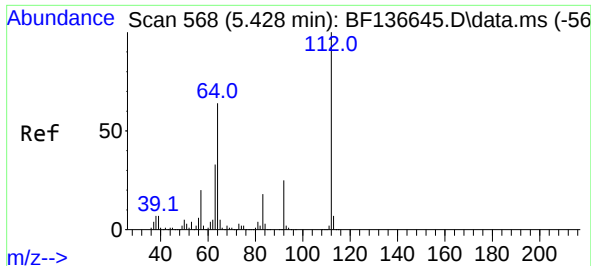
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#4
n-Nitrosodimethylamine
Concen: 47.767 ng m
RT: 4.046 min Scan# 333
Delta R.T. 0.771 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion: 42 Resp: 109260
Ion Ratio Lower Upper
42 100
74 453.3 96.0 144.0#
44 82.5 5.4 8.2#





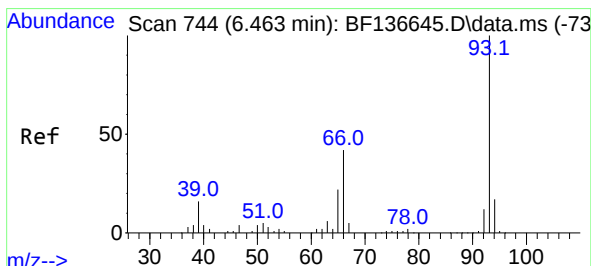
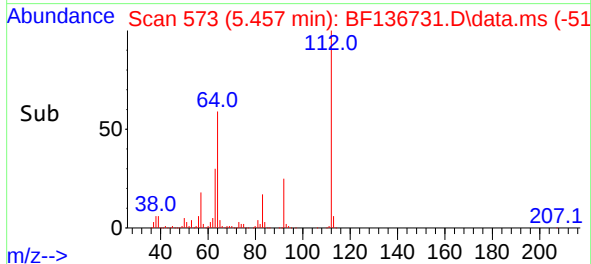
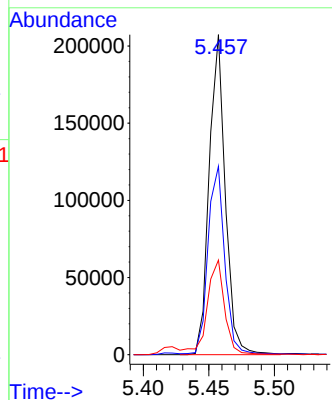
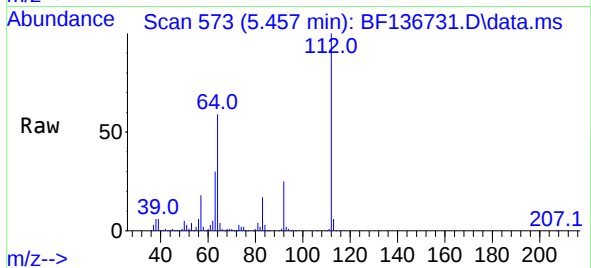
#5
2-Fluorophenol
Concen: 42.142 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.030 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Instrument :
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ClientSampleId :
RT-SB-03-9.5-10.5MSD

Tgt Ion:112 Resp: 177559
Ion Ratio Lower Upper
112 100
64 58.8 51.1 76.7
63 29.5 26.1 39.1

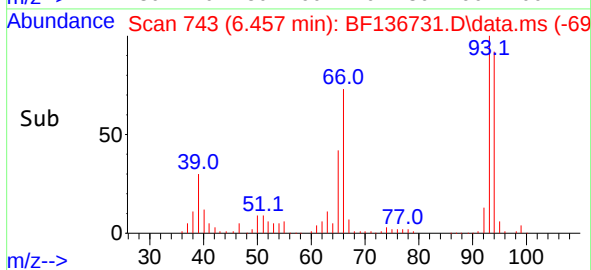
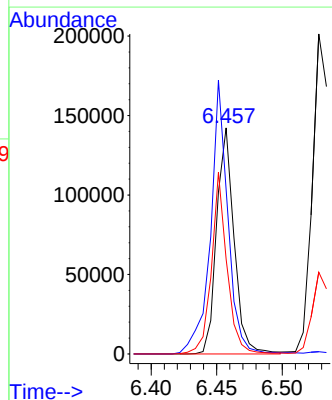
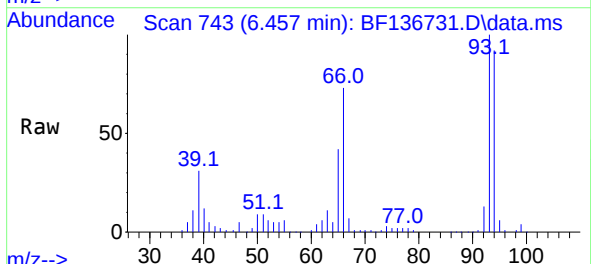
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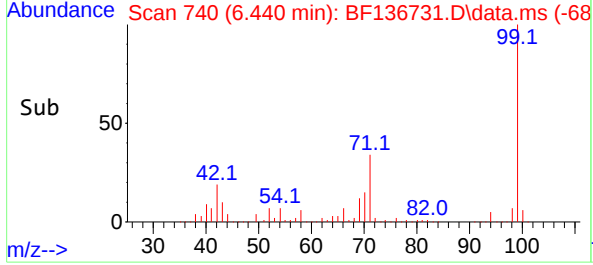
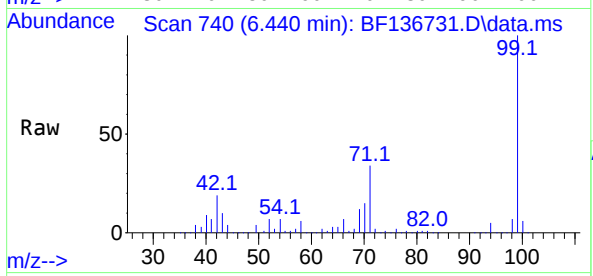
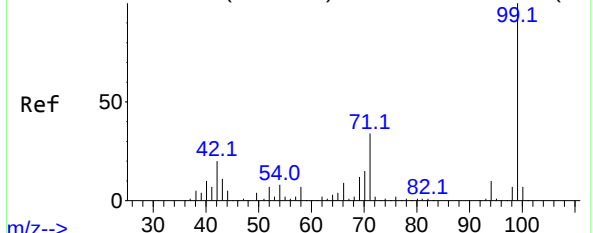


#6
Aniline
Concen: 24.117 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion: 93 Resp: 131640
Ion Ratio Lower Upper
93 100
66 72.8 34.6 51.8#
65 41.9 17.8 26.8#



Abundance Scan 740 (6.439 min): BF136645.D\data.ms (-73



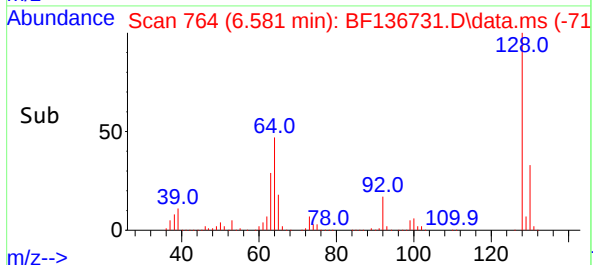
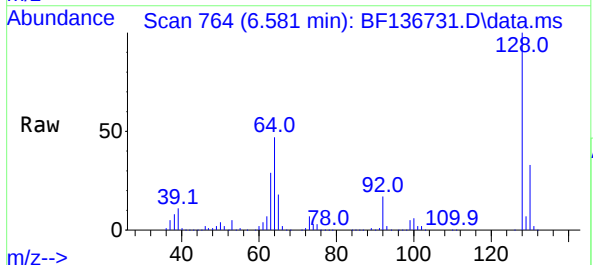
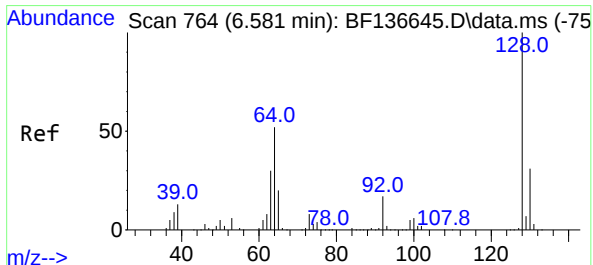
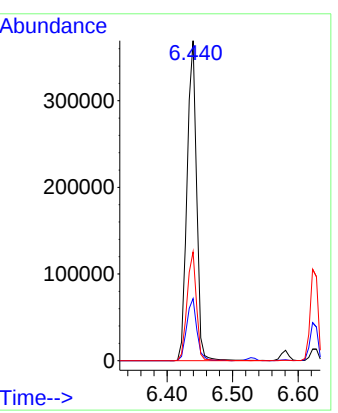
#7
Phenol-d6
Concen: 68.562 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136731.D
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Tgt Ion: 99 Resp: 374309

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.1	24.1
71	34.0	27.4	41.2

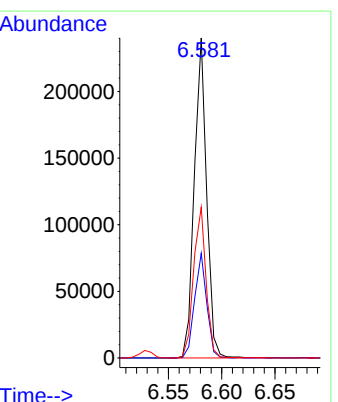
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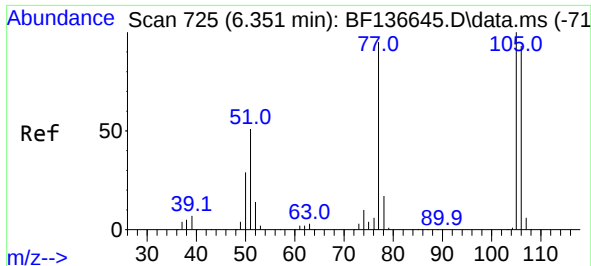


#8
2-Chlorophenol
Concen: 42.018 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion:128 Resp: 193737

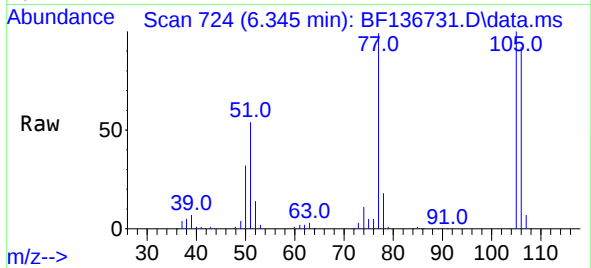
Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.3	51.3
64	47.1	32.5	72.5





#9
Benzaldehyde
Concen: 21.042 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

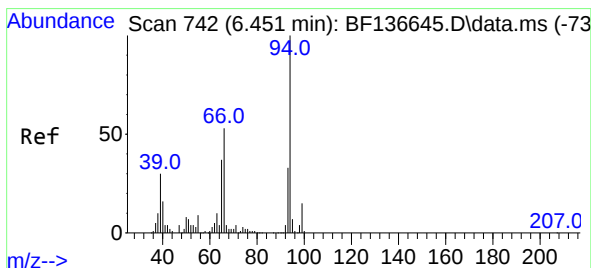
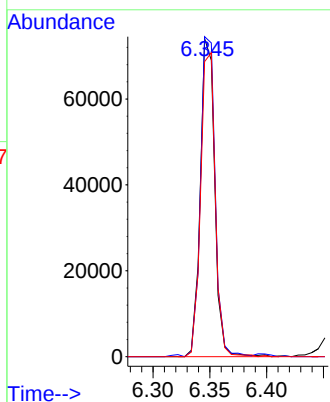
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion: 77 Resp: 6534
Ion Ratio Lower Upper
77 100
105 100.6 84.8 124.8
106 92.8 77.8 117.8

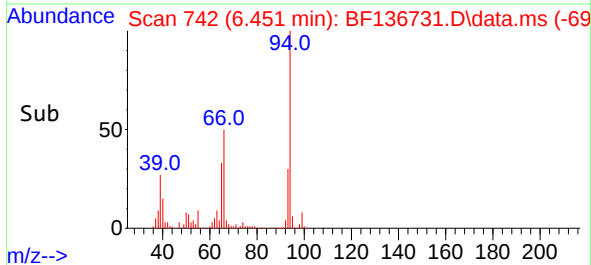
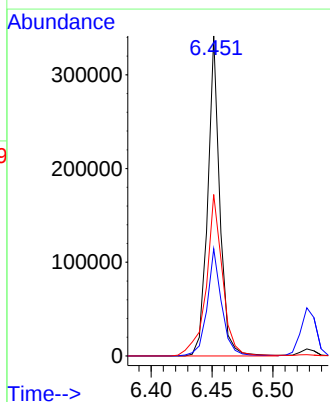
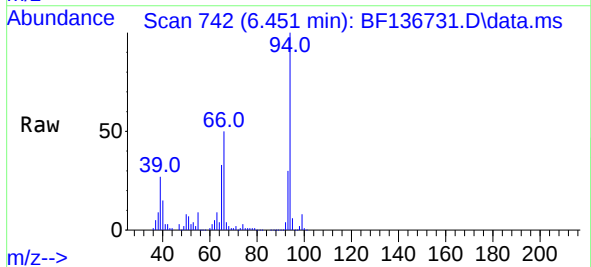
Manual Integrations
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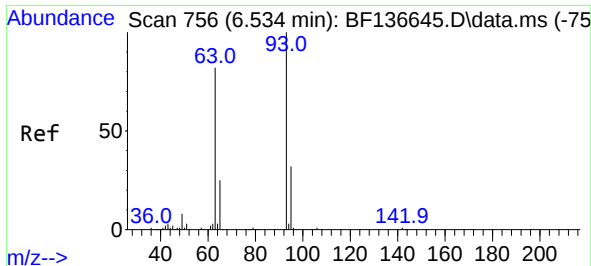
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#10
Phenol
Concen: 40.397 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

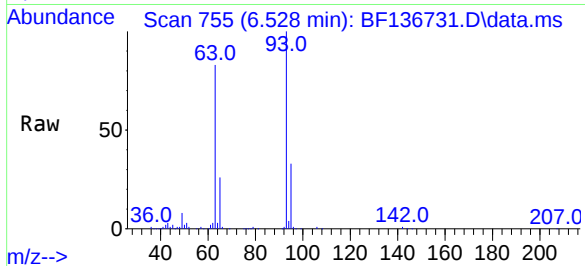
Tgt Ion: 94 Resp: 235432
Ion Ratio Lower Upper
94 100
65 33.5 16.6 56.6
66 50.4 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 40.444 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

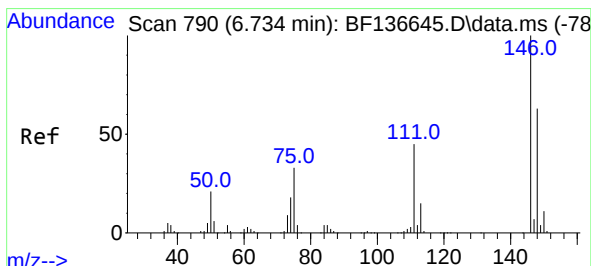
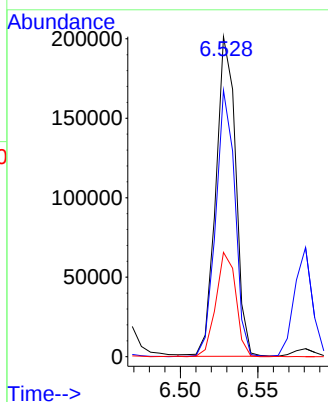
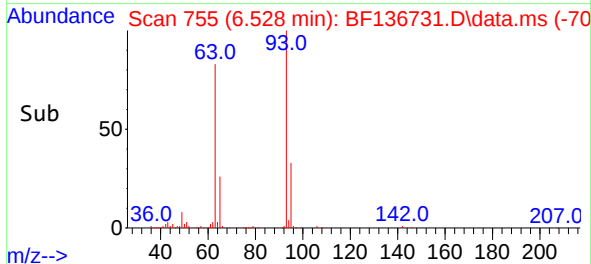
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



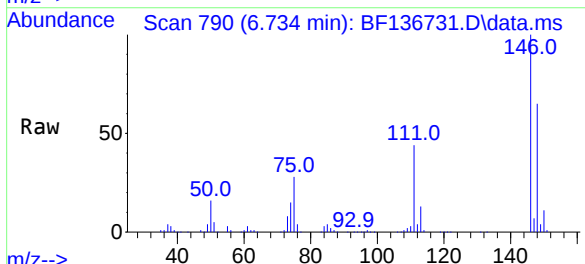
Tgt Ion: 93 Resp: 179252
Ion Ratio Lower Upper
93 100
63 83.2 61.2 101.2
95 32.6 11.6 51.6

Manual Integrations
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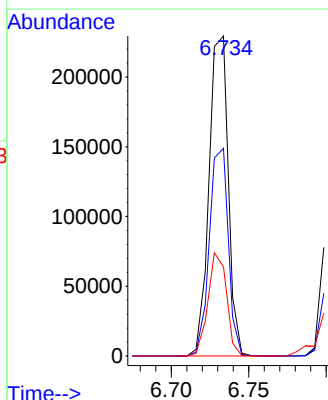
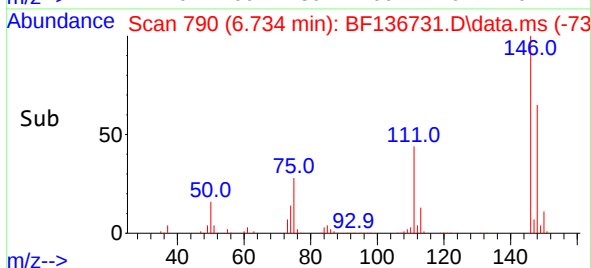
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

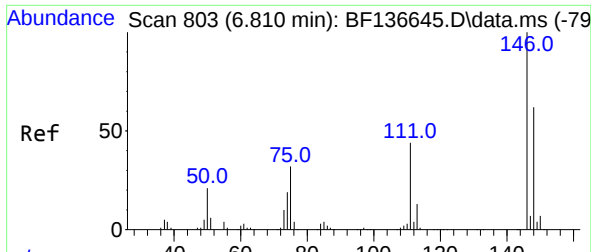


#12
1,3-Dichlorobenzene
Concen: 39.403 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



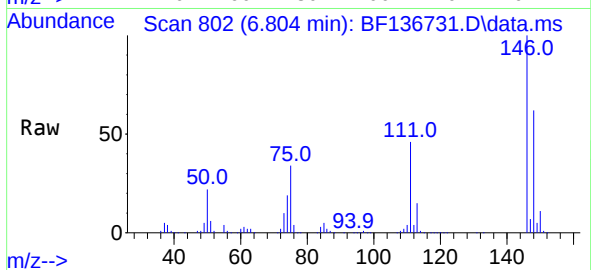
Tgt Ion:146 Resp: 198193
Ion Ratio Lower Upper
146 100
148 64.9 50.5 75.7
75 27.8 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 39.657 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

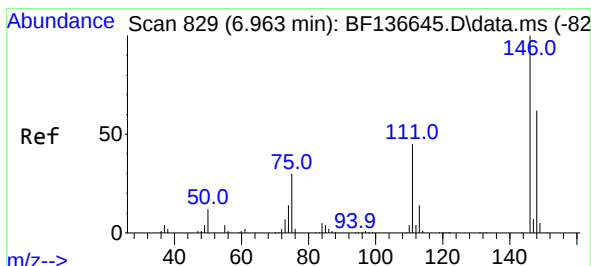
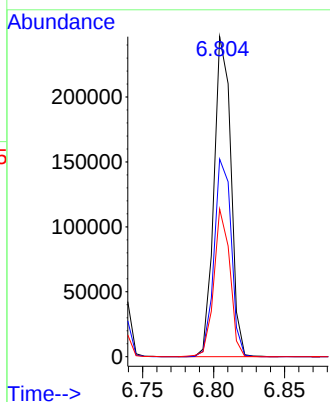
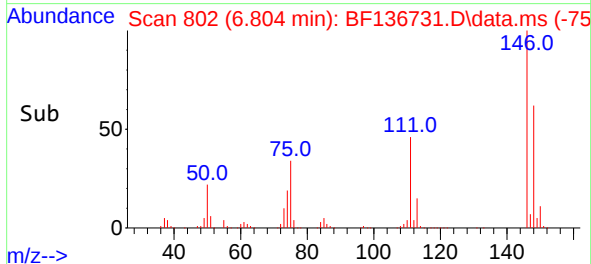
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



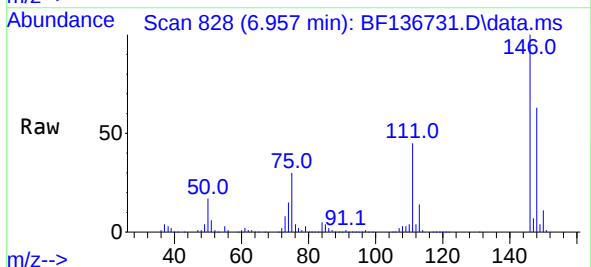
Tgt Ion:146 Resp: 203815
Ion Ratio Lower Upper
146 100
148 61.8 49.2 73.8
111 46.1 35.2 52.8

Manual Integrations
APPROVED

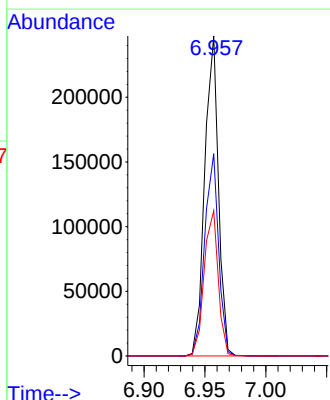
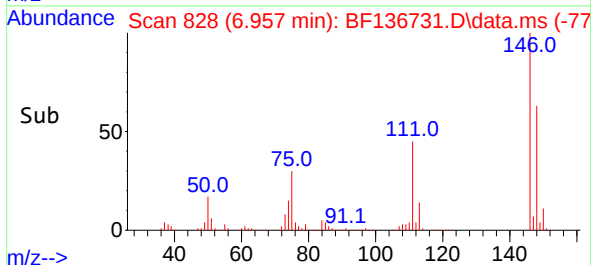
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

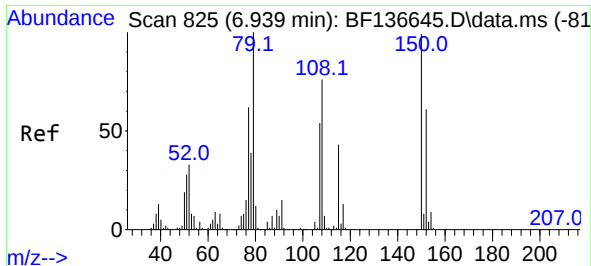


#14
1,2-Dichlorobenzene
Concen: 40.540 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



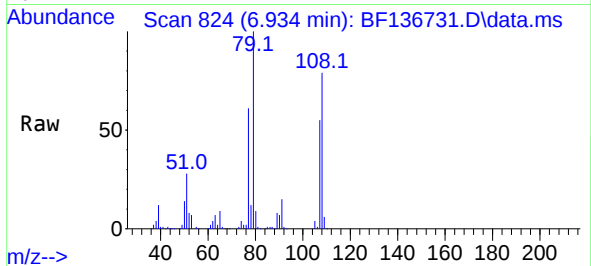
Tgt Ion:146 Resp: 193876
Ion Ratio Lower Upper
146 100
148 63.2 49.6 74.4
111 45.4 36.2 54.2





#15
Benzyl Alcohol
Concen: 44.025 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

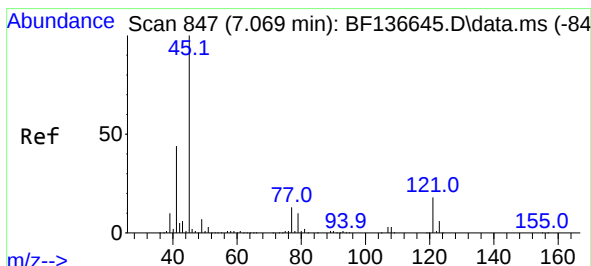
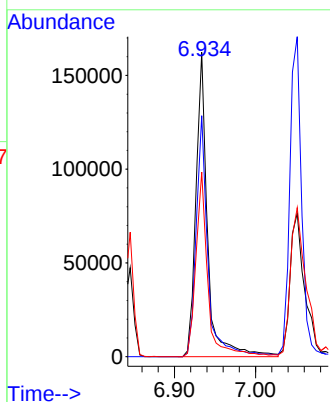
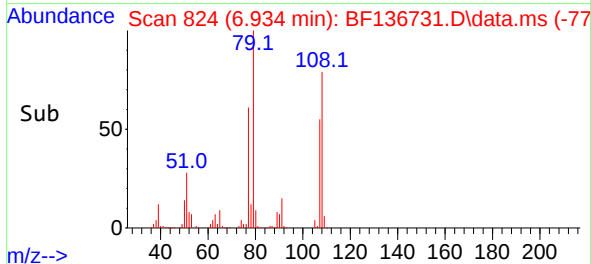
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion: 79 Resp: 162152
Ion Ratio Lower Upper
79 100
108 79.2 61.0 91.6
77 60.6 49.8 74.8

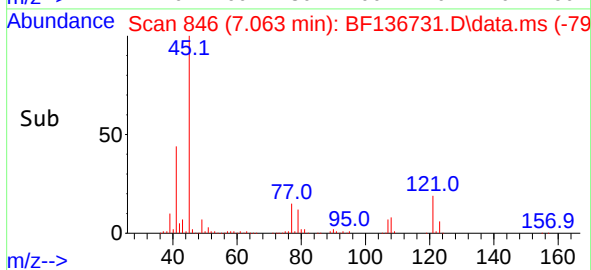
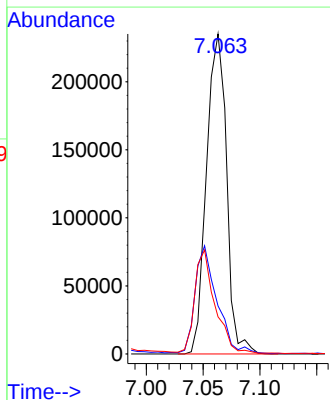
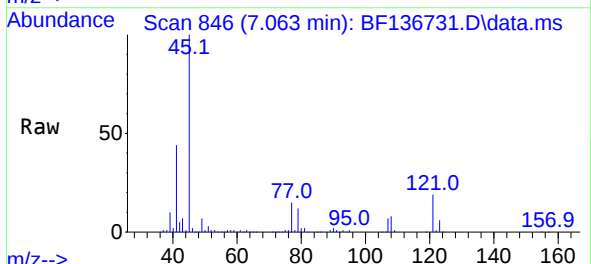
Manual Integrations
APPROVED

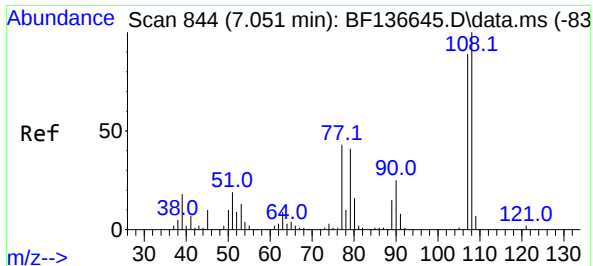
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.769 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

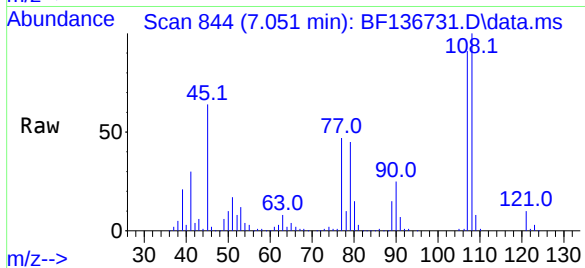
Tgt Ion: 45 Resp: 288176
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.3
79 11.6 0.0 31.4





#17
2-Methylphenol
Concen: 40.043 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

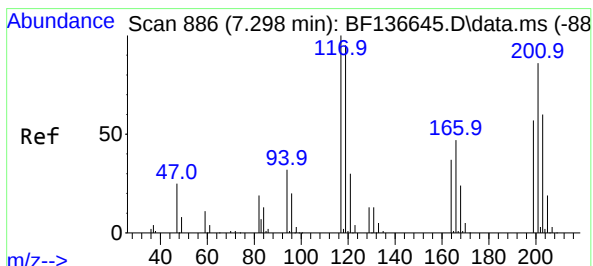
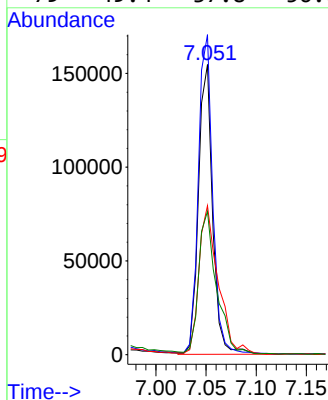
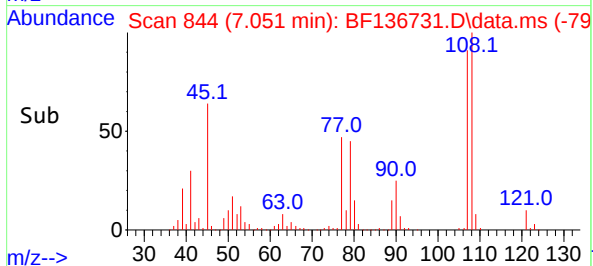
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



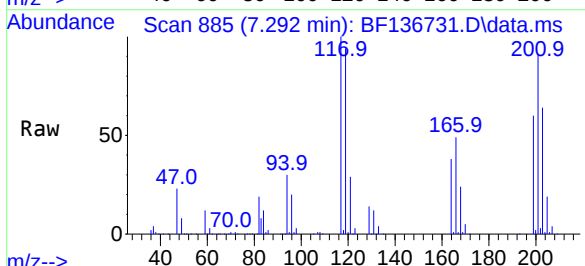
Tgt Ion:107 Resp: 152952
Ion Ratio Lower Upper
107 100
108 110.3 90.3 135.5
77 51.4 38.7 58.1
79 49.4 37.8 56.6

Manual Integrations
APPROVED

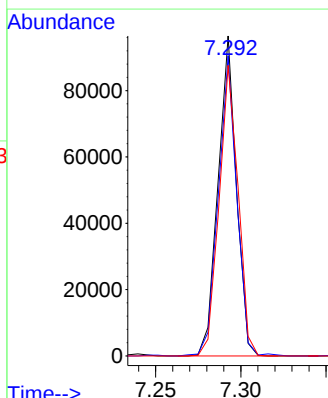
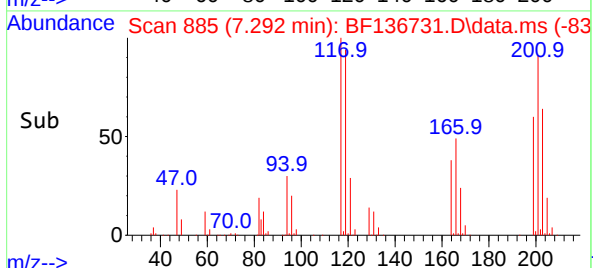
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

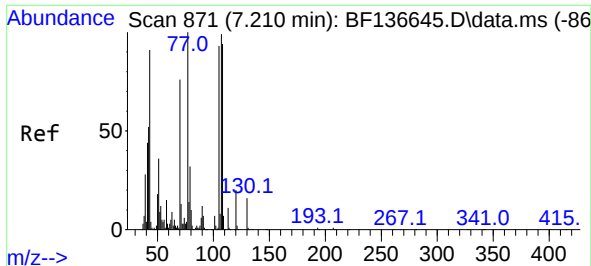


#18
Hexachloroethane
Concen: 38.655 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



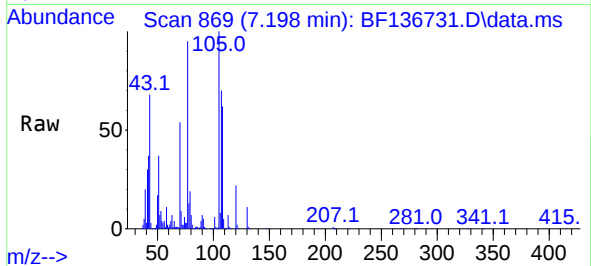
Tgt Ion:117 Resp: 72148
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.6
201 90.8 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 40.203 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

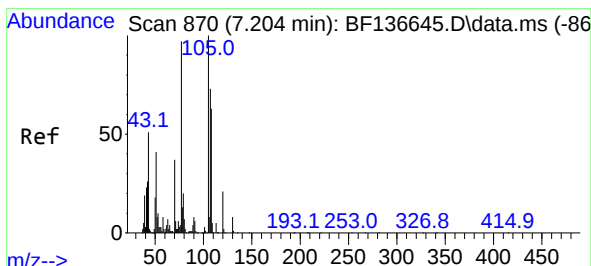
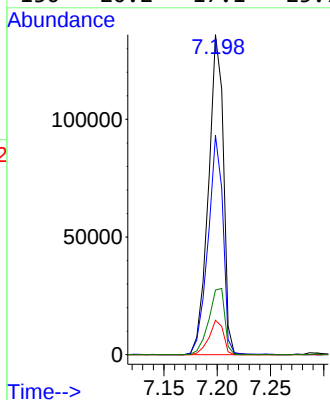
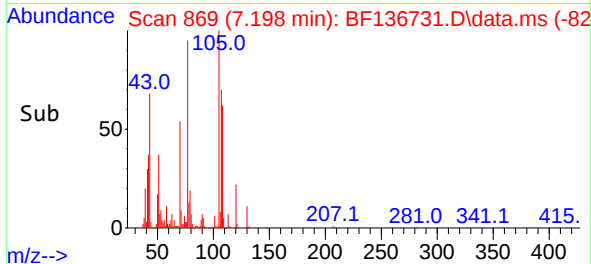
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



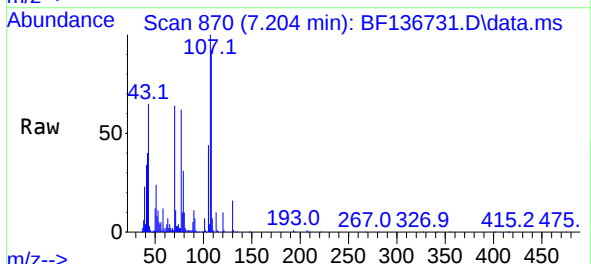
Tgt Ion: 70 Resp: 133050
Ion Ratio Lower Upper
70 100
42 68.5 54.2 81.4
101 10.8 7.6 11.4
130 20.2 17.1 25.7

Manual Integrations
APPROVED

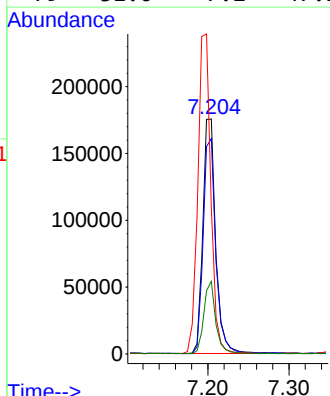
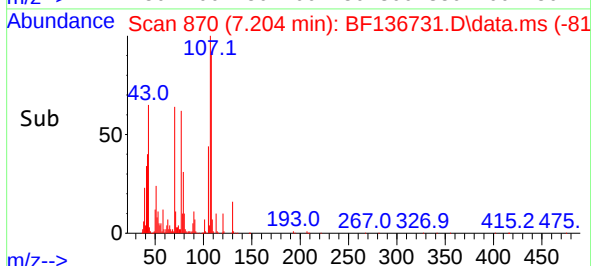
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

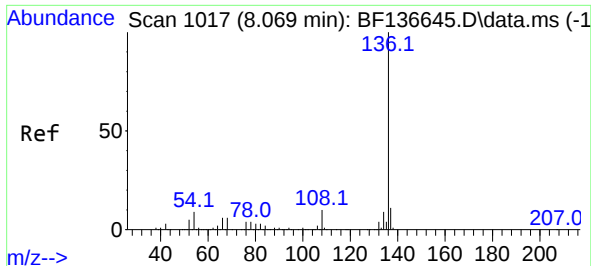


#20
3+4-Methylphenols
Concen: 40.391 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



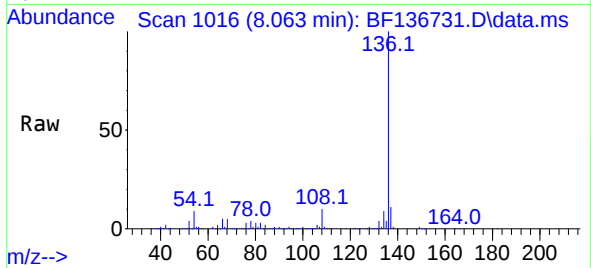
Tgt Ion:107 Resp: 192749
Ion Ratio Lower Upper
107 100
108 91.7 66.0 106.0
77 62.4 114.2 154.2#
79 31.0 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

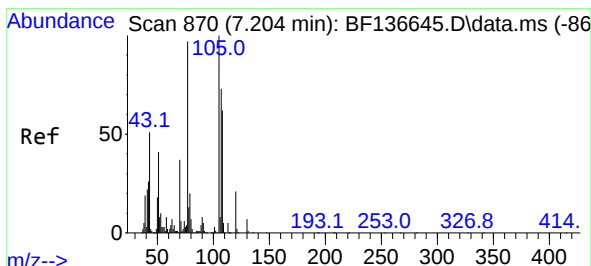
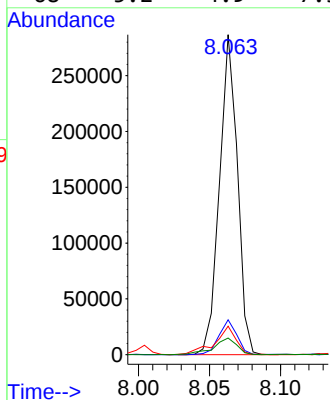
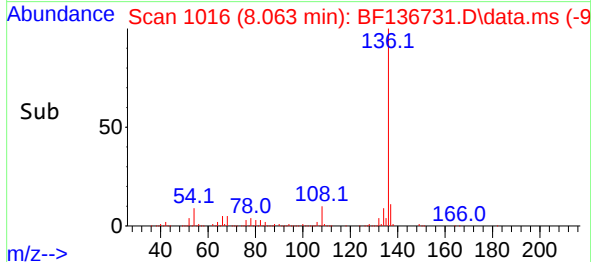
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:136 Resp: 251649
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.9 7.2 10.8
68 5.2 4.9 7.3

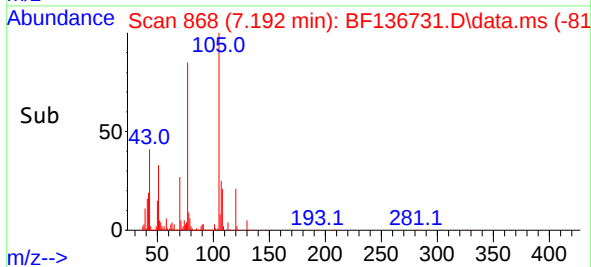
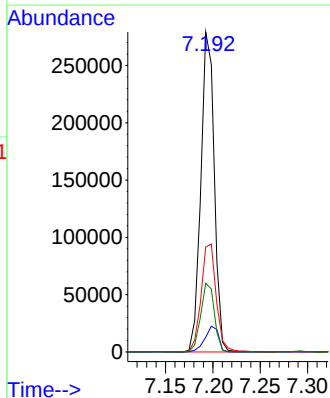
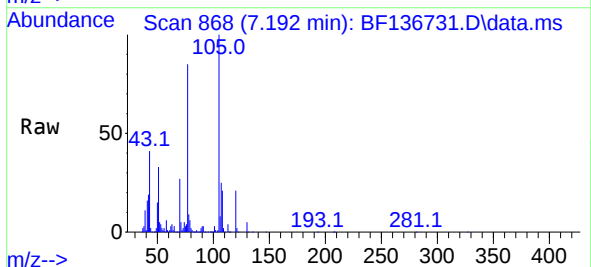
Manual Integrations
APPROVED

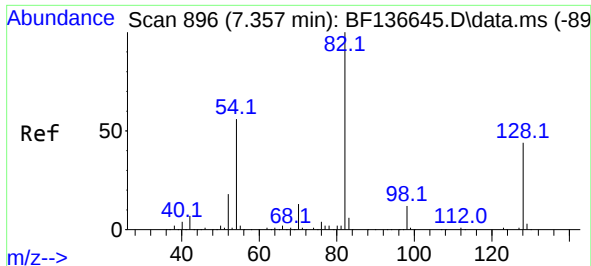
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#22
Acetophenone
Concen: 43.530 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

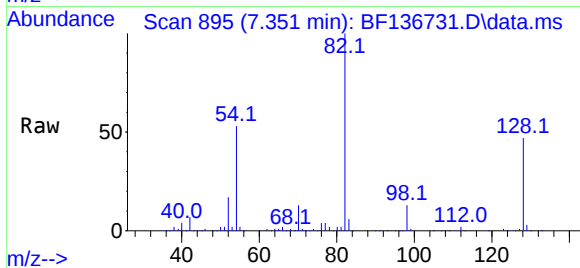
Tgt Ion:105 Resp: 274566
Ion Ratio Lower Upper
105 100
71 4.6 4.8 7.2#
51 32.8 32.8 49.2
120 21.5 17.0 25.6





#23
Nitrobenzene-d5
Concen: 52.618 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

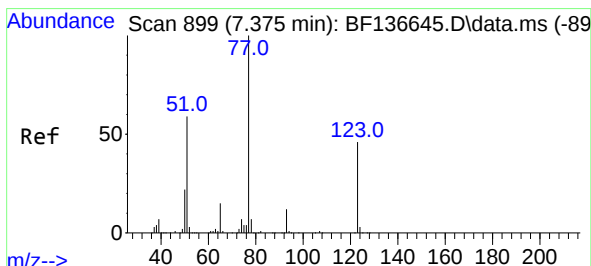
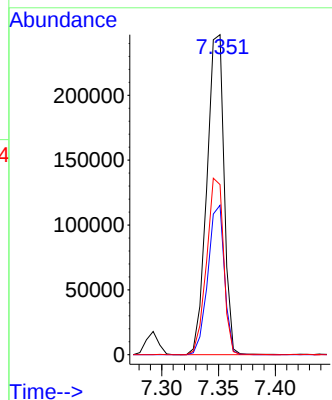
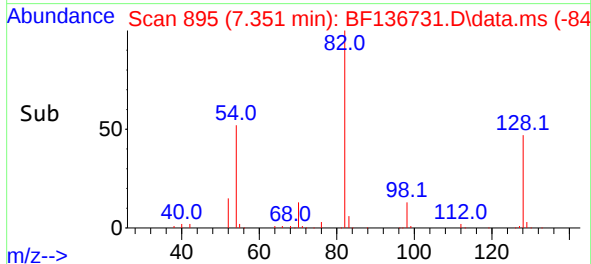
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



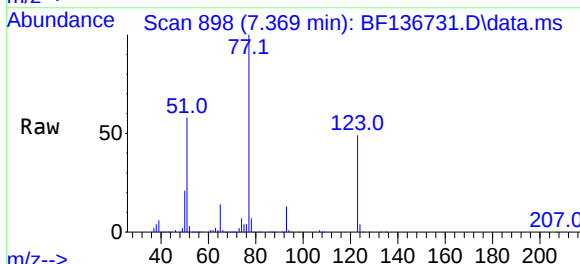
Tgt Ion: 82 Resp: 258768
Ion Ratio Lower Upper
82 100
128 46.7 35.3 52.9
54 53.2 44.5 66.7

Manual Integrations
APPROVED

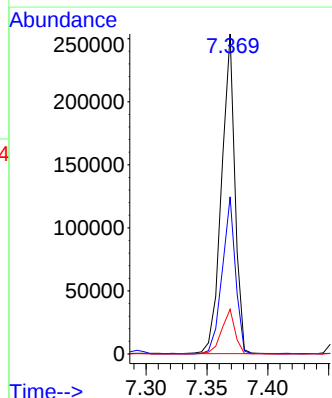
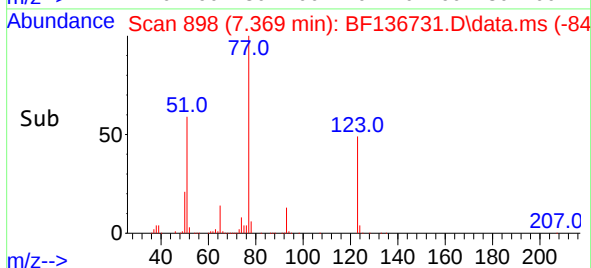
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

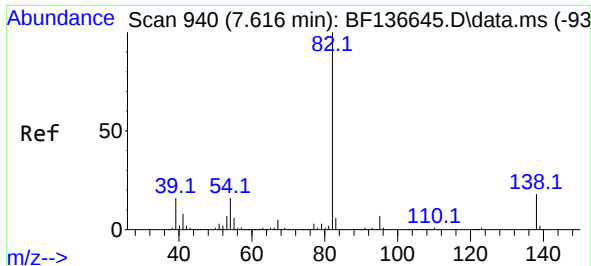


#24
Nitrobenzene
Concen: 39.614 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



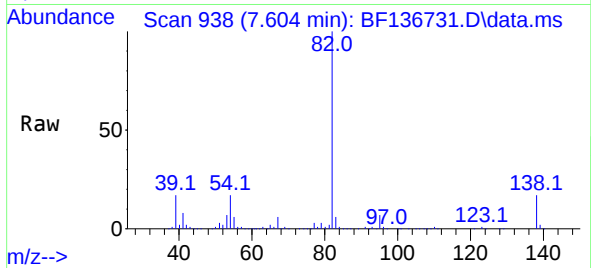
Tgt Ion: 77 Resp: 195152
Ion Ratio Lower Upper
77 100
123 49.1 36.7 55.1
65 13.9 11.8 17.6





#25
Isophorone
Concen: 40.941 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

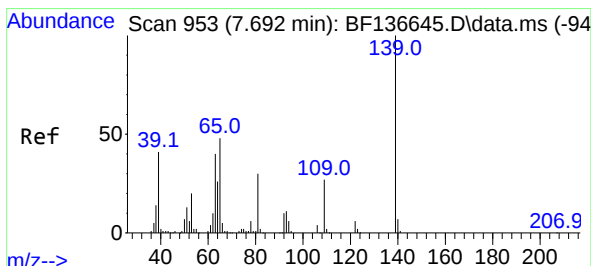
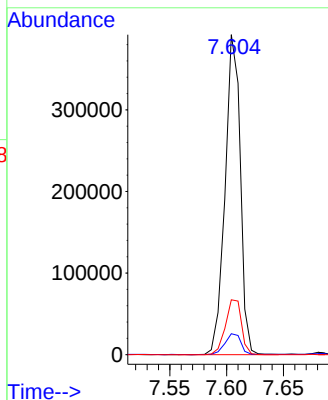
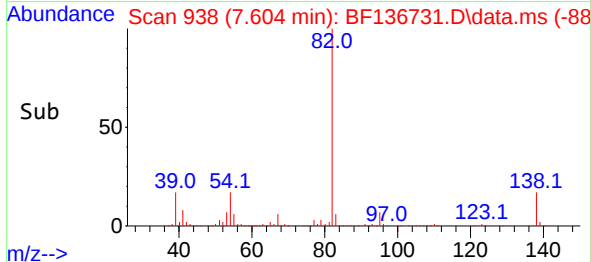
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion: 82 Resp: 366350
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.2 14.5 21.7

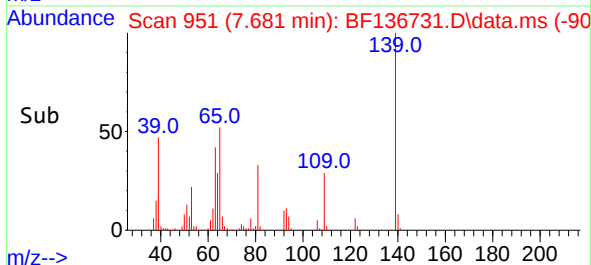
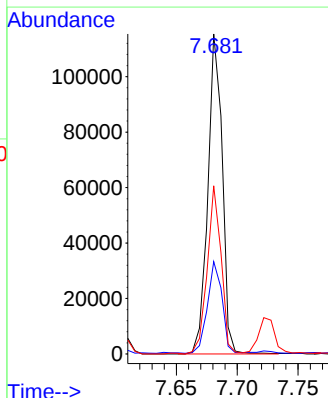
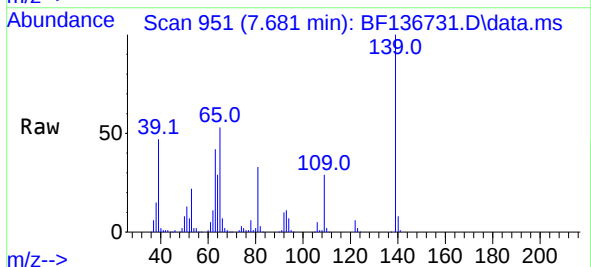
Manual Integrations
APPROVED

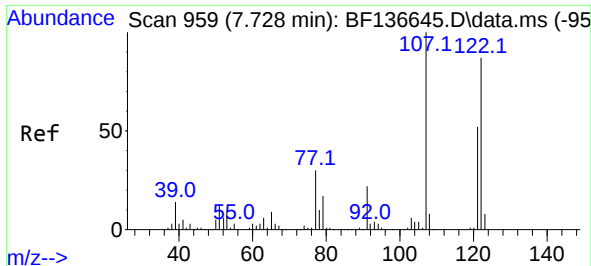
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#26
2-Nitrophenol
Concen: 40.222 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

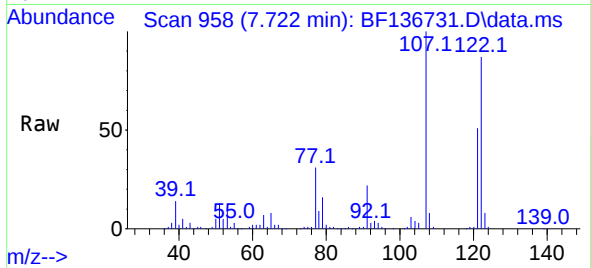
Tgt Ion:139 Resp: 94803
Ion Ratio Lower Upper
139 100
109 28.8 21.9 32.9
65 52.5 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 43.959 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

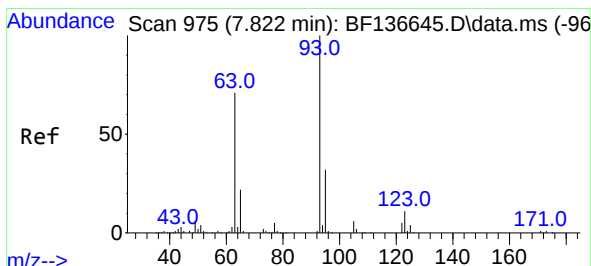
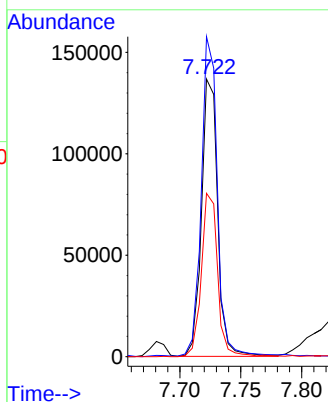
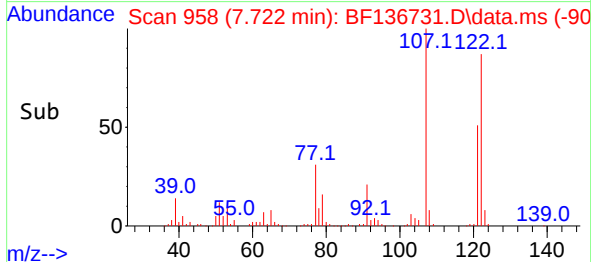
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:122 Resp: 126140
Ion Ratio Lower Upper
122 100
107 115.2 92.0 138.0
121 58.8 47.5 71.3

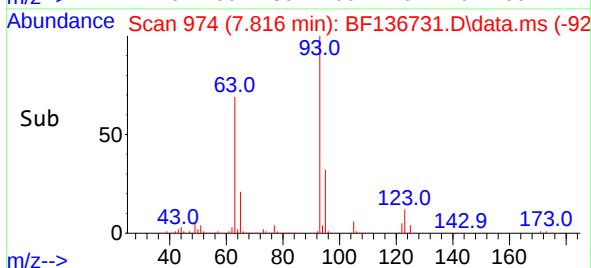
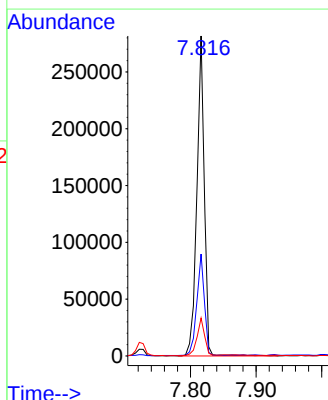
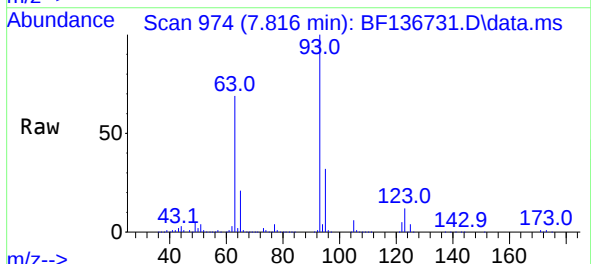
Manual Integrations
APPROVED

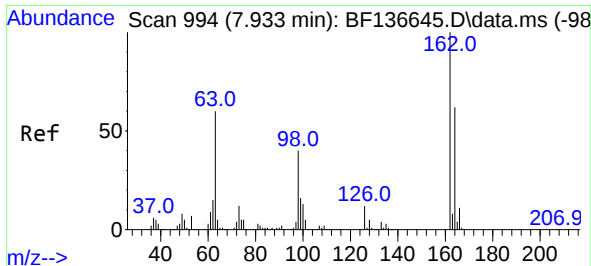
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.141 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

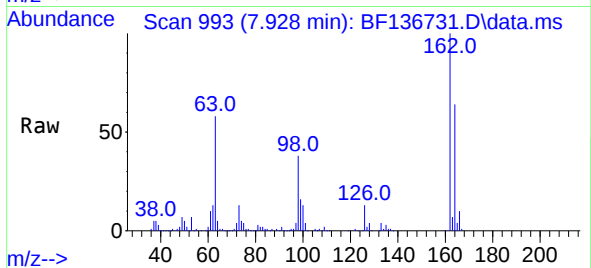
Tgt Ion: 93 Resp: 223780
Ion Ratio Lower Upper
93 100
95 31.9 25.5 38.3
123 11.8 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 41.954 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

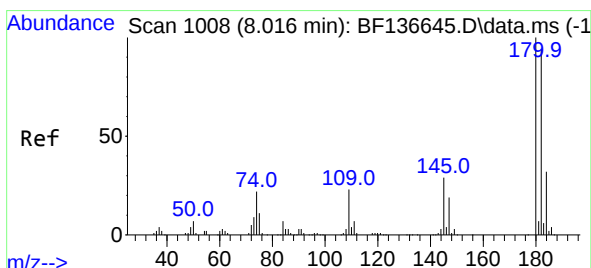
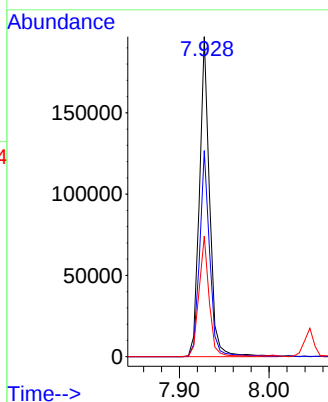
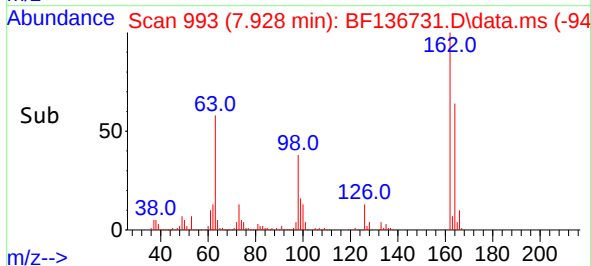
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



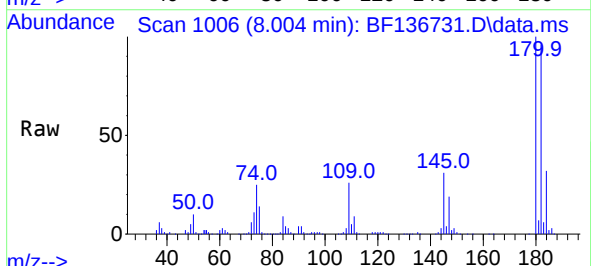
Tgt Ion:162 Resp: 15498
Ion Ratio Lower Upper
162 100
164 64.4 41.7 81.7
98 37.7 19.5 59.5

Manual Integrations
APPROVED

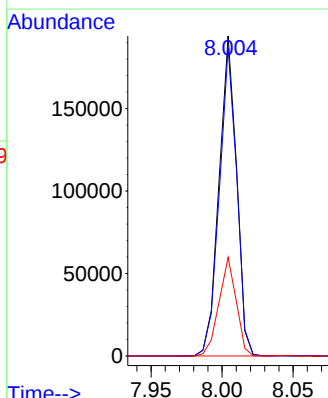
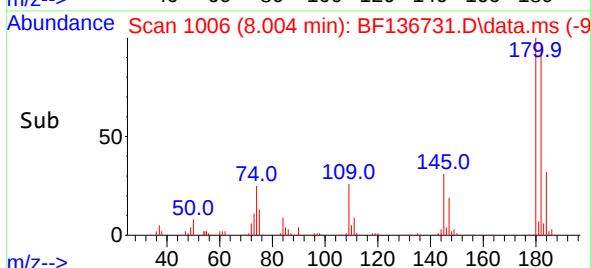
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

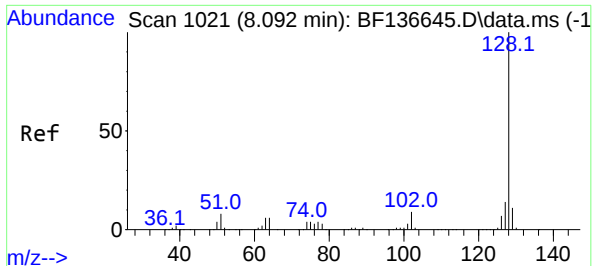


#30
1,2,4-Trichlorobenzene
Concen: 40.313 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



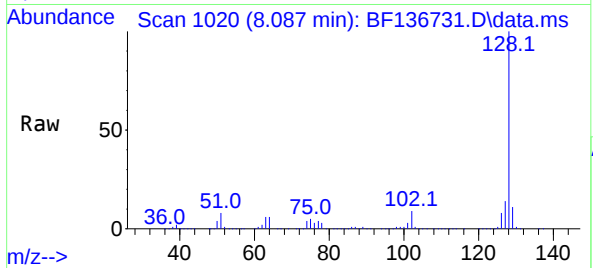
Tgt Ion:180 Resp: 165929
Ion Ratio Lower Upper
180 100
182 96.3 75.4 113.0
145 30.8 23.1 34.7





#31
Naphthalene
Concen: 78.914 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

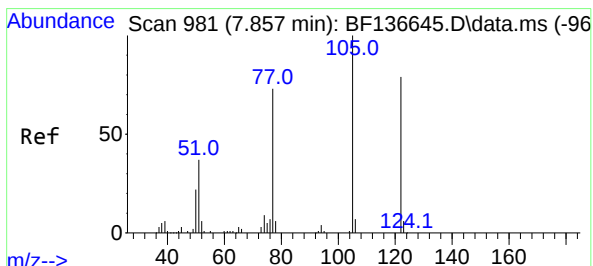
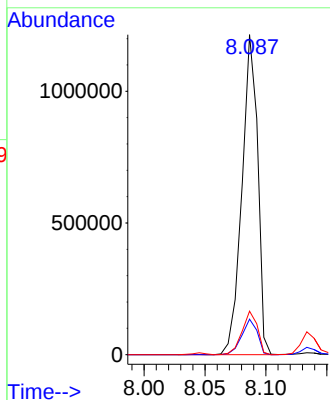
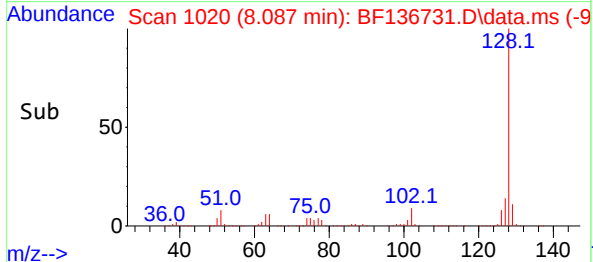
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:128 Resp: 1090980
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.8 16.2

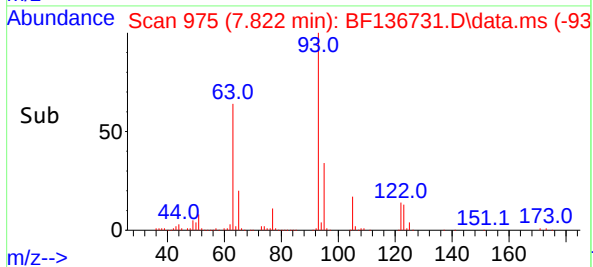
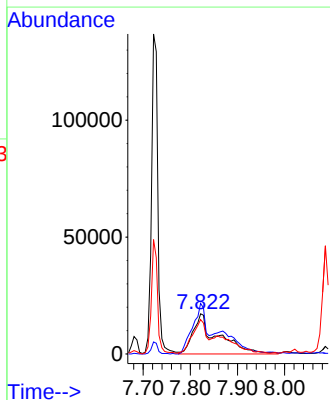
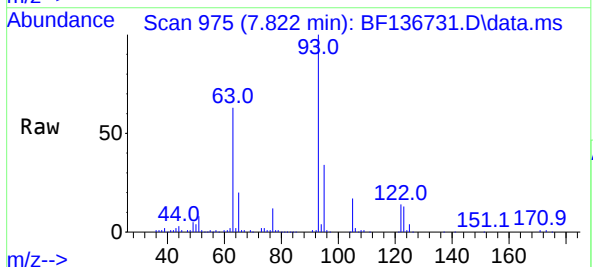
Manual Integrations
APPROVED

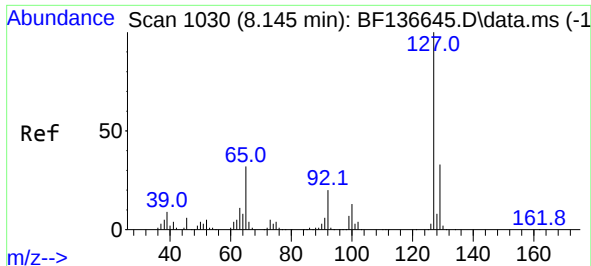
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#32
Benzoic acid
Concen: 22.760 ng m
RT: 7.822 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion:122 Resp: 63191
Ion Ratio Lower Upper
122 100
105 125.8 100.8 140.8
77 85.6 70.9 110.9





#33

4-Chloroaniline

Concen: 16.377 ng

RT: 8.134 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

Tgt Ion:127 Resp: 8359

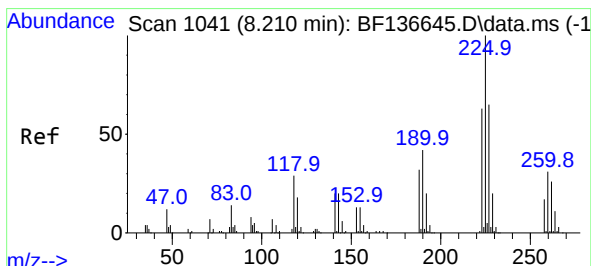
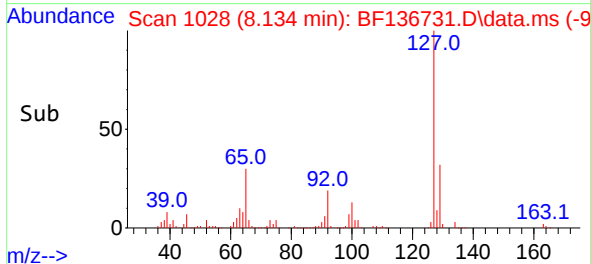
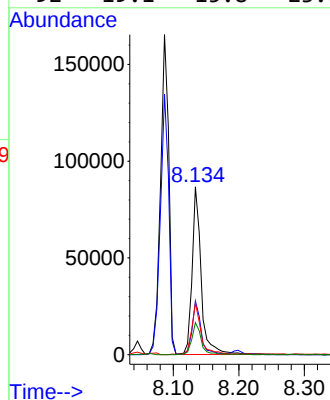
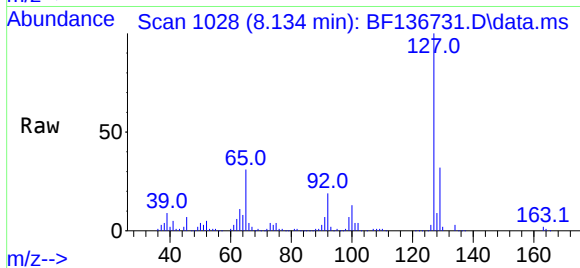
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	30.6	25.8	38.8
92	19.1	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#34

Hexachlorobutadiene

Concen: 39.067 ng

RT: 8.198 min Scan# 1039

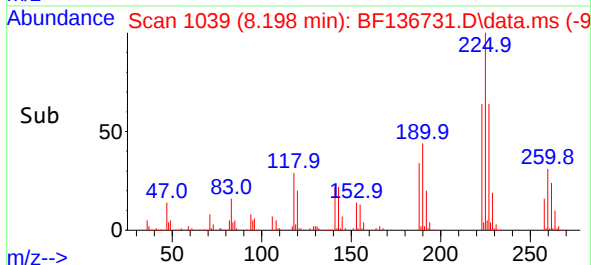
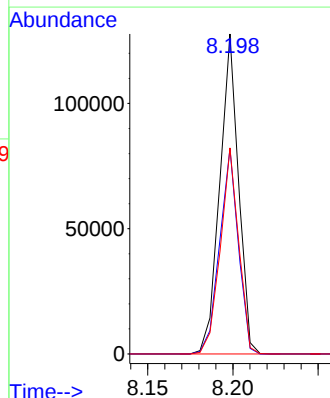
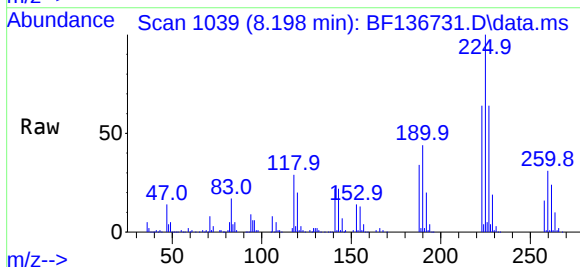
Delta R.T. -0.012 min

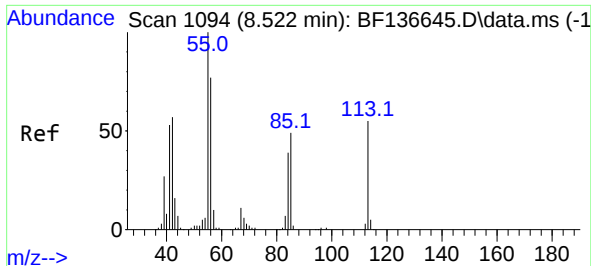
Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Tgt Ion:225 Resp: 97698

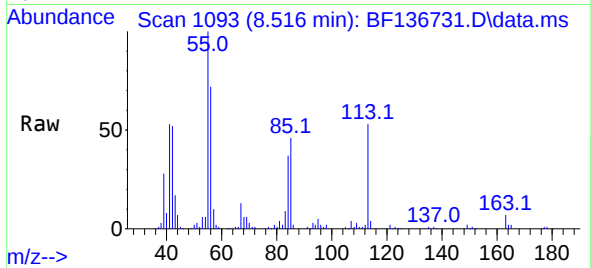
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	64.4	51.9	77.9





#35
Caprolactam
Concen: 37.898 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

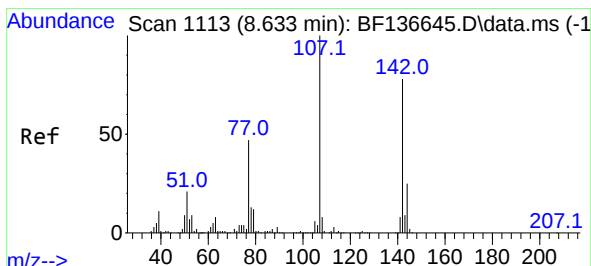
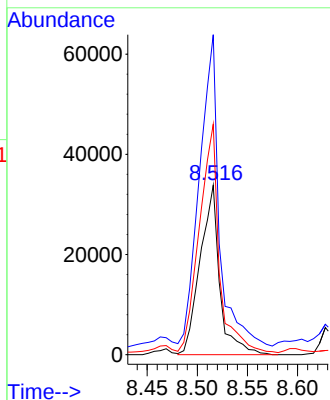
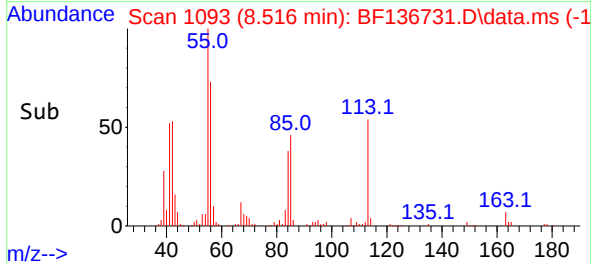
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:113 Resp: 46180
Ion Ratio Lower Upper
113 100
55 188.9 163.1 203.1
56 136.0 121.7 161.7

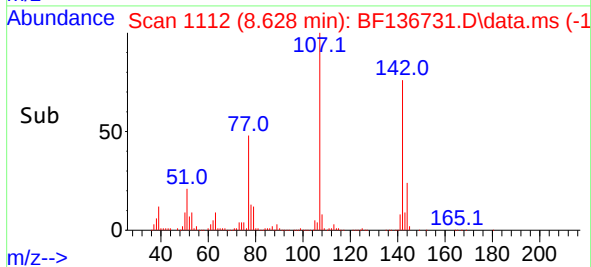
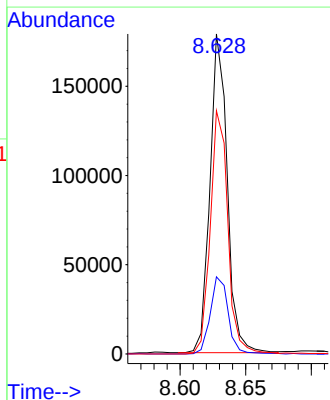
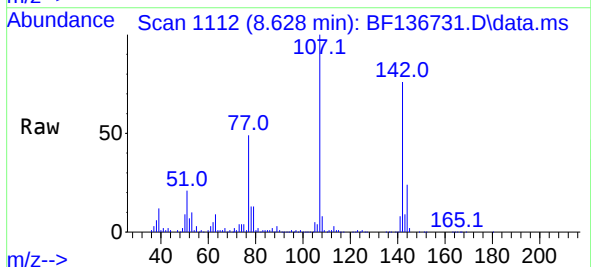
Manual Integrations
APPROVED

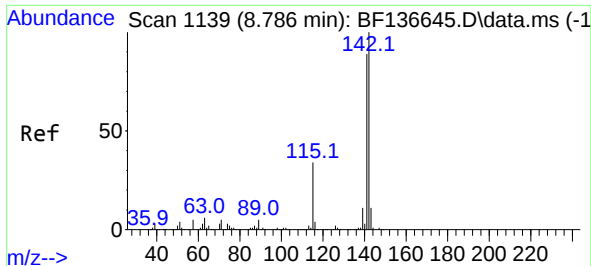
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#36
4-Chloro-3-methylphenol
Concen: 39.371 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion:107 Resp: 163738
Ion Ratio Lower Upper
107 100
144 24.1 20.2 30.2
142 76.0 62.3 93.5





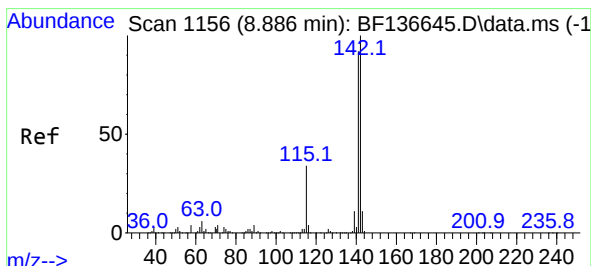
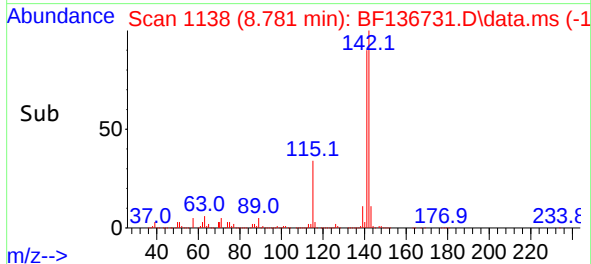
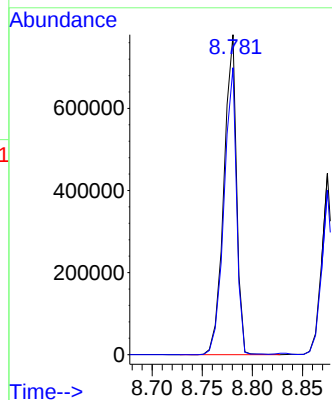
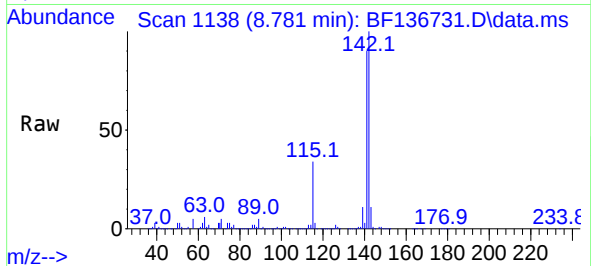
#37
2-Methylnaphthalene
Concen: 76.633 ng
RT: 8.781 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD

Tgt Ion:142 Resp: 68182
Ion Ratio Lower Upper
142 100
141 89.7 71.1 106.7

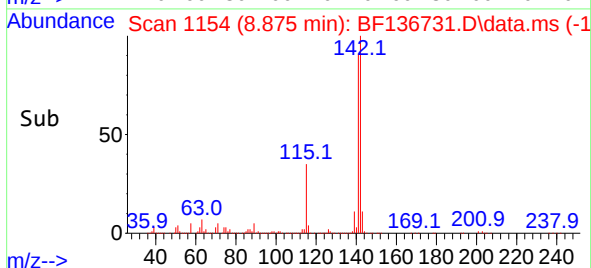
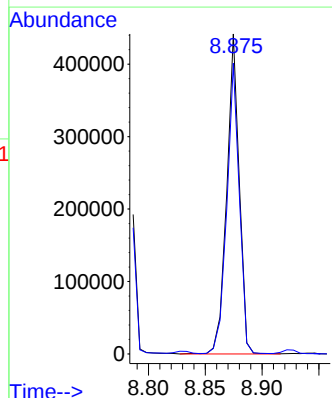
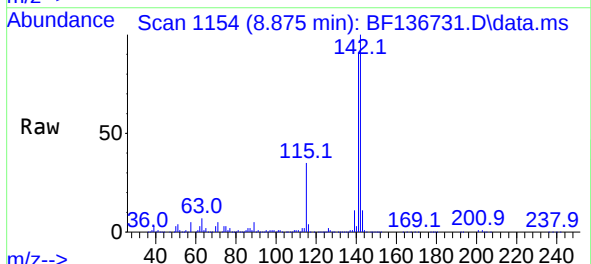
Manual Integrations
APPROVED

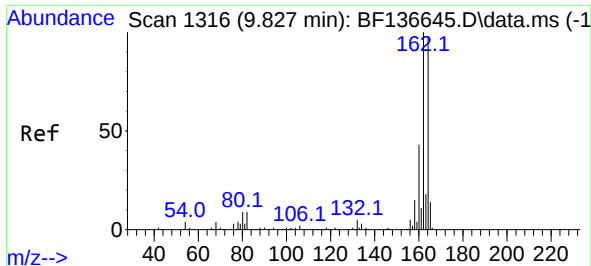
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#38
1-Methylnaphthalene
Concen: 38.736 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

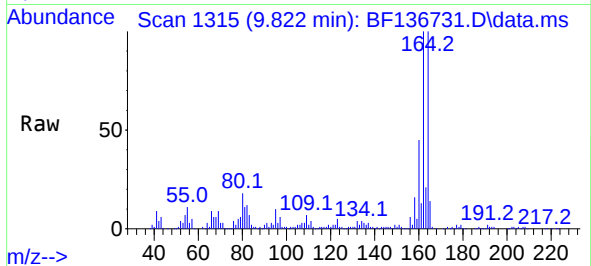
Tgt Ion:142 Resp: 338130
Ion Ratio Lower Upper
142 100
141 90.8 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

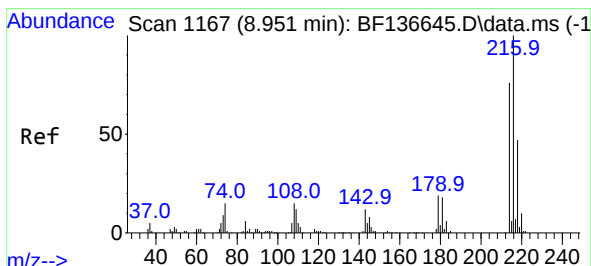
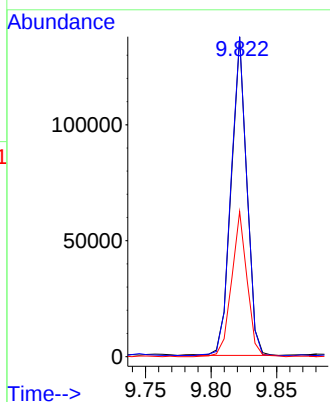
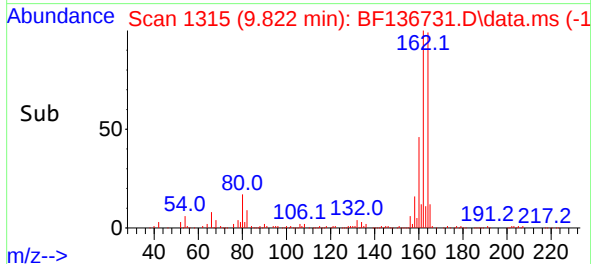
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



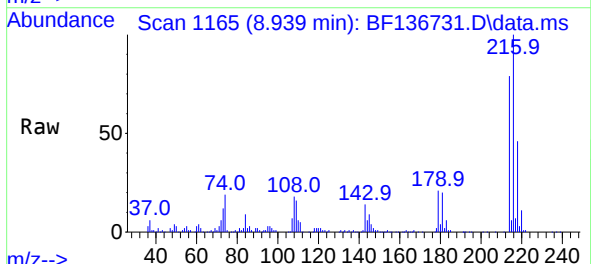
Tgt Ion:164 Resp: 11423
Ion Ratio Lower Upper
164 100
162 100.1 81.6 122.4
160 45.4 34.9 52.3

Manual Integrations
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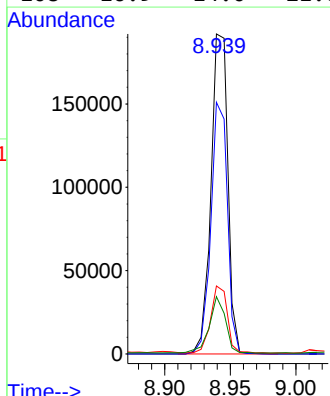
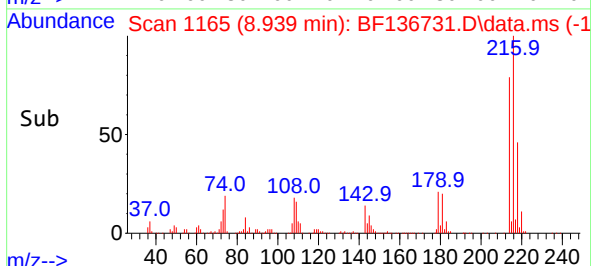
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

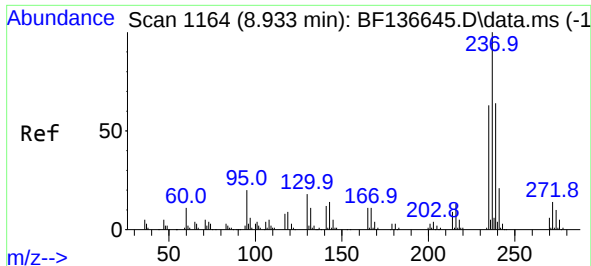


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.691 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



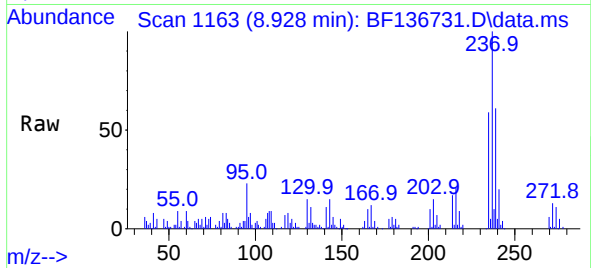
Tgt Ion:216 Resp: 172255
Ion Ratio Lower Upper
216 100
214 77.0 62.3 93.5
179 20.9 16.4 24.6
108 16.9 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 35.254 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

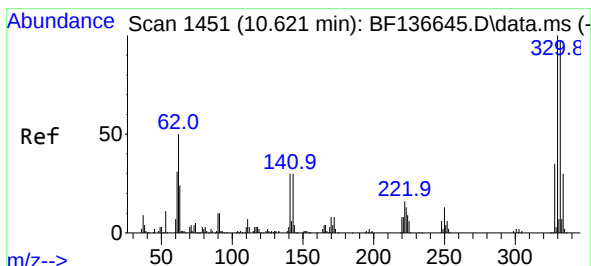
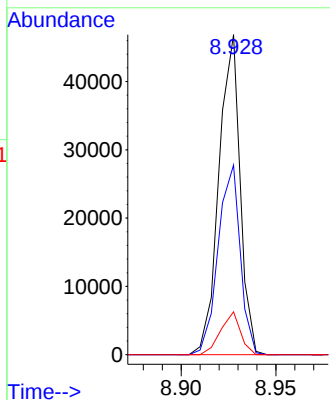
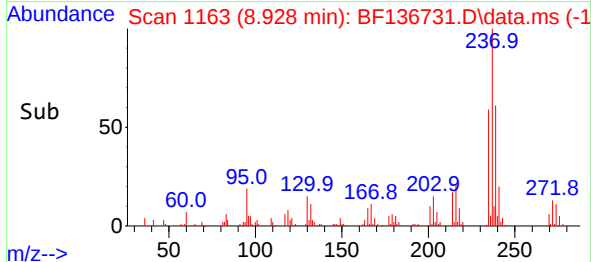
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



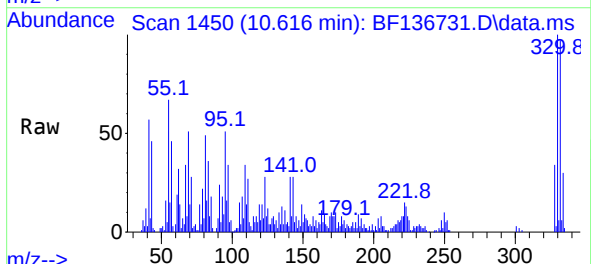
Tgt Ion:237 Resp: 36474
Ion Ratio Lower Upper
237 100
235 59.2 43.2 83.2
272 13.4 0.0 34.2

Manual Integrations
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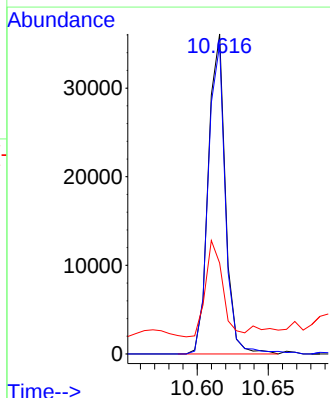
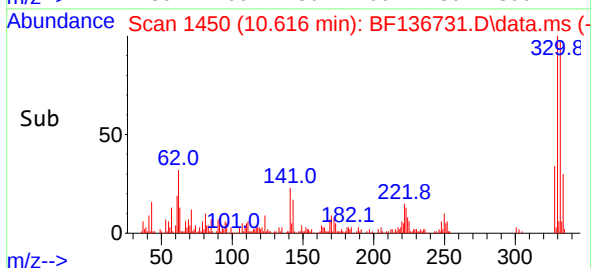
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

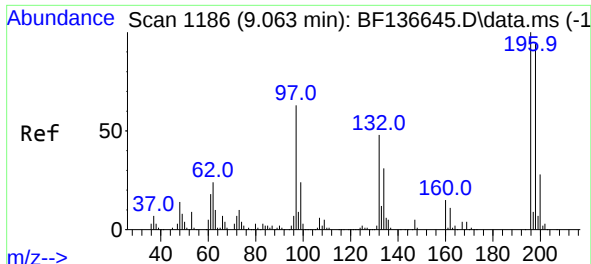


#42
2,4,6-Tribromophenol
Concen: 22.294 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



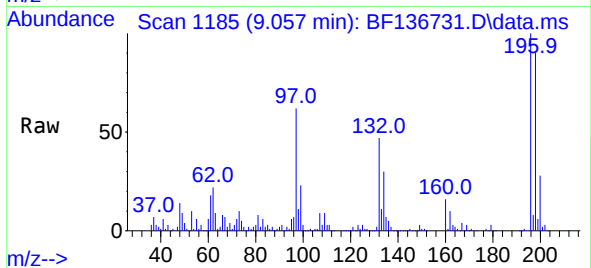
Tgt Ion:330 Resp: 29993
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 30.4 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 44.715 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

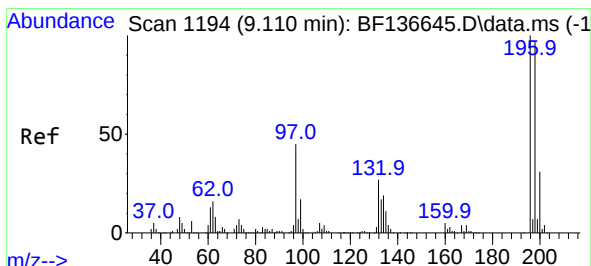
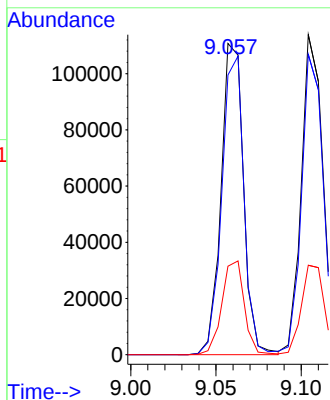
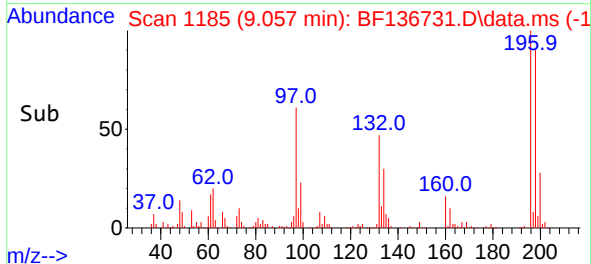
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



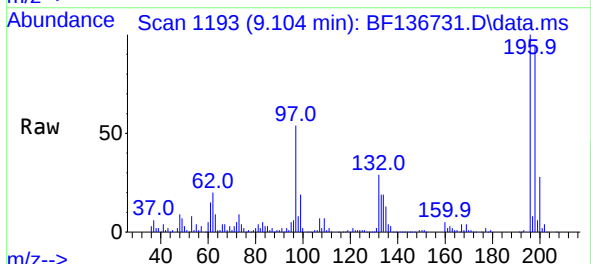
Tgt Ion:196 Resp: 101449
Ion Ratio Lower Upper
196 100
198 89.9 75.1 112.7
200 28.4 22.5 33.7

Manual Integrations
APPROVED

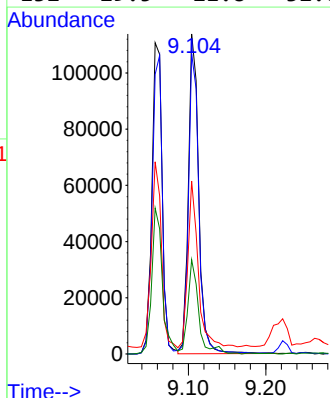
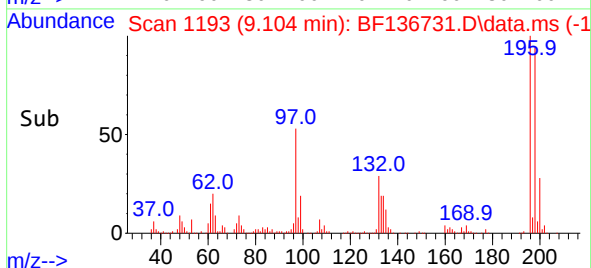
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

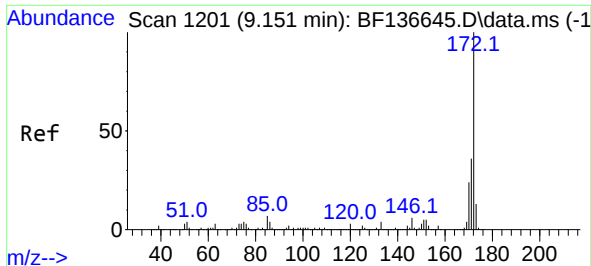


#44
2,4,5-Trichlorophenol
Concen: 41.926 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



Tgt Ion:196 Resp: 105999
Ion Ratio Lower Upper
196 100
198 93.8 77.0 115.6
97 54.1 36.1 54.1
132 29.5 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 50.633 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

Tgt Ion:172 Resp: 43003

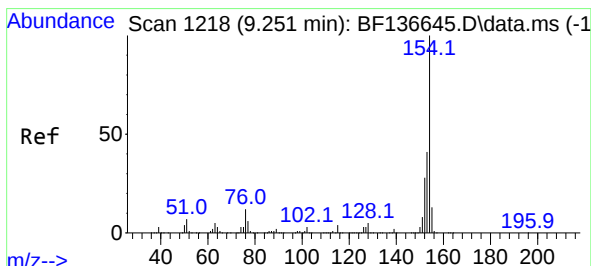
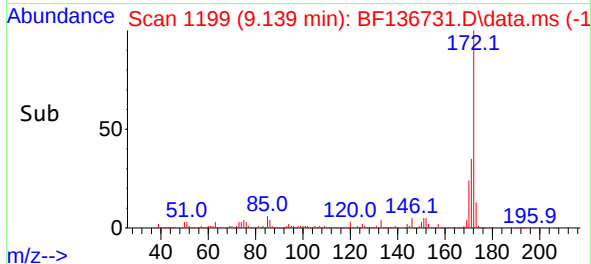
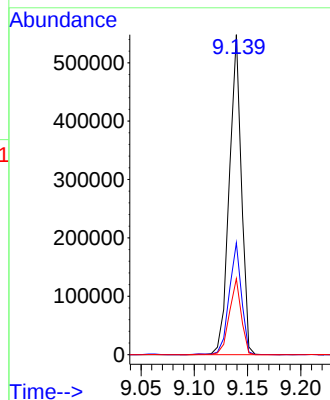
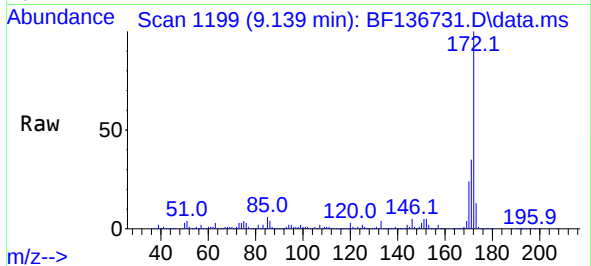
Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.6
170	23.7	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#46

1,1'-Biphenyl

Concen: 46.924 ng

RT: 9.239 min Scan# 1216

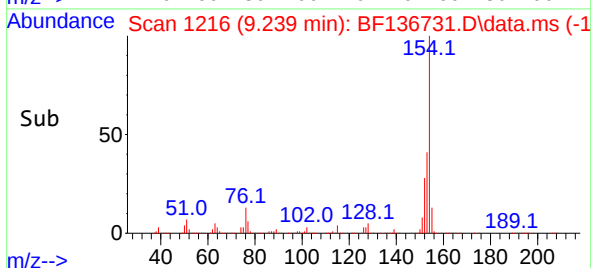
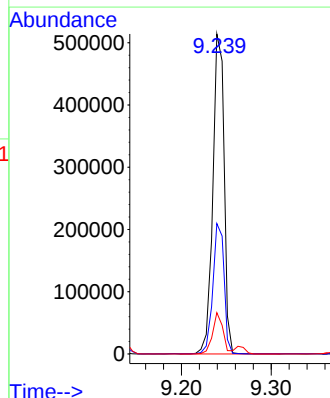
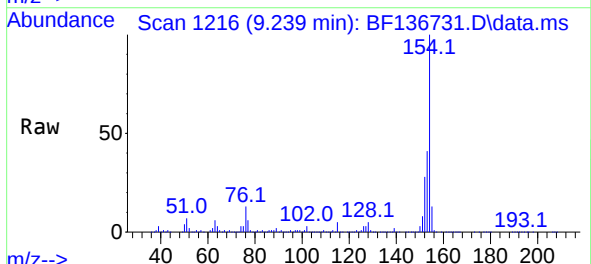
Delta R.T. -0.012 min

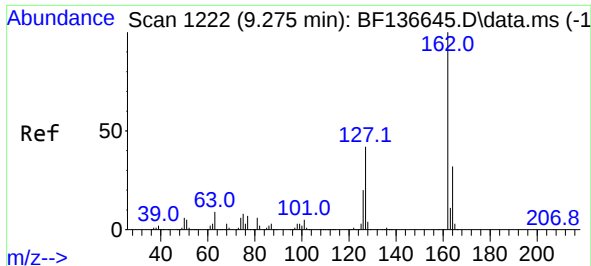
Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Tgt Ion:154 Resp: 449800

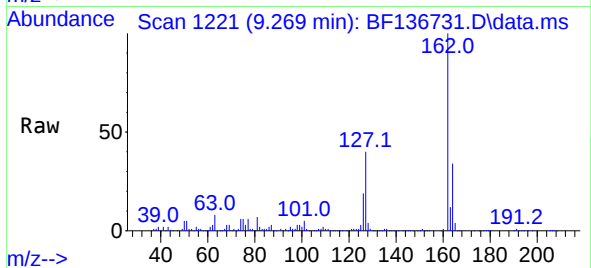
Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	12.9	0.0	31.7





#47
2-Chloronaphthalene
Concen: 43.377 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

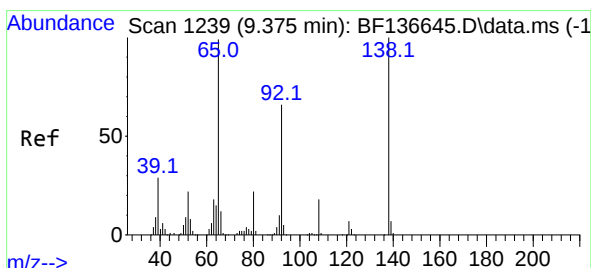
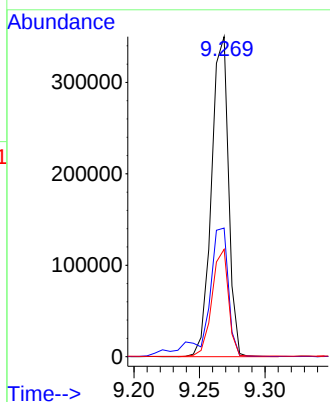
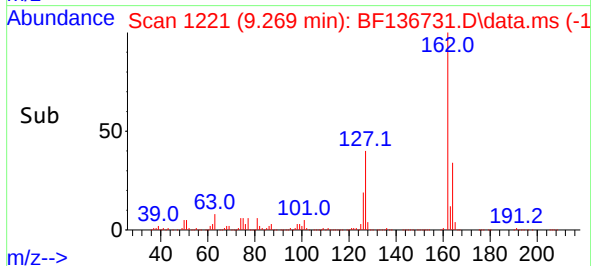
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:162 Resp: 31609
Ion Ratio Lower Upper
162 100
127 40.2 33.6 50.4
164 33.6 25.7 38.5

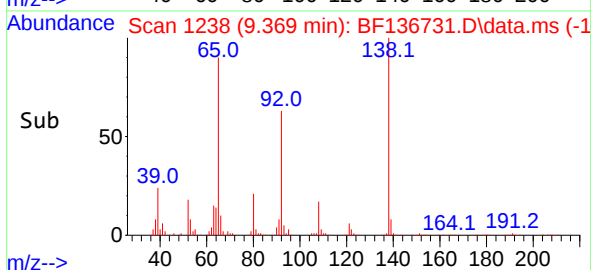
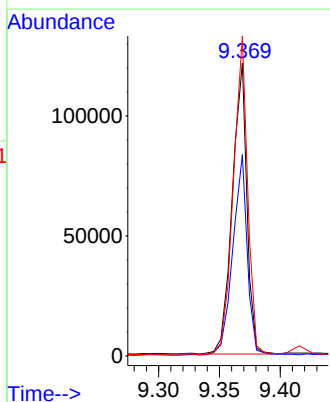
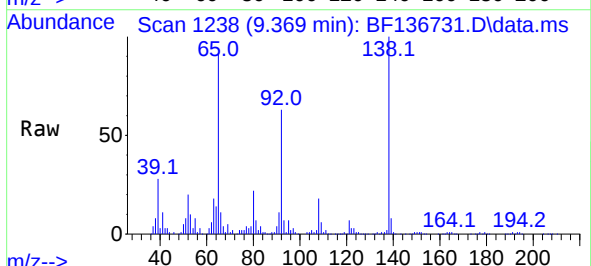
Manual Integrations
APPROVED

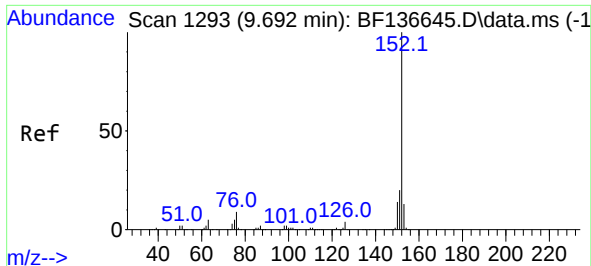
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#48
2-Nitroaniline
Concen: 44.296 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

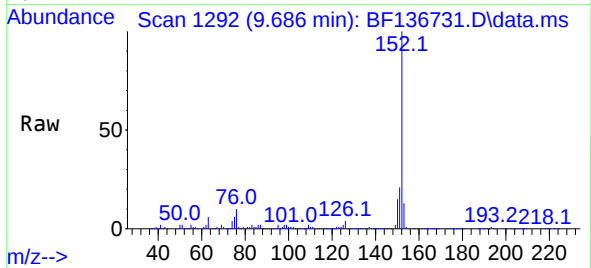
Tgt Ion: 65 Resp: 101084
Ion Ratio Lower Upper
65 100
92 68.8 53.2 79.8
138 109.3 81.1 121.7





#49
Acenaphthylene
Concen: 90.467 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

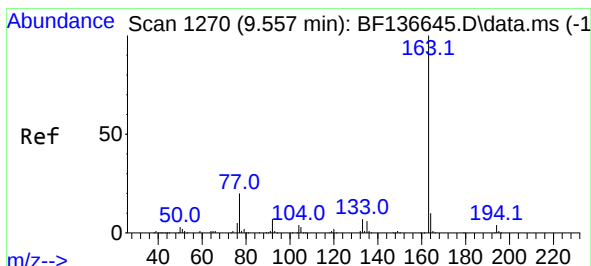
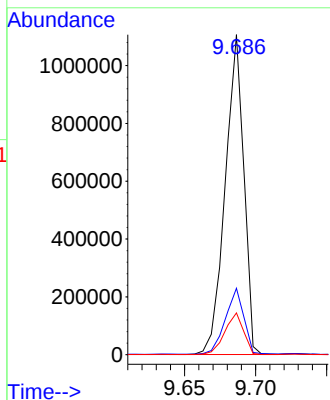
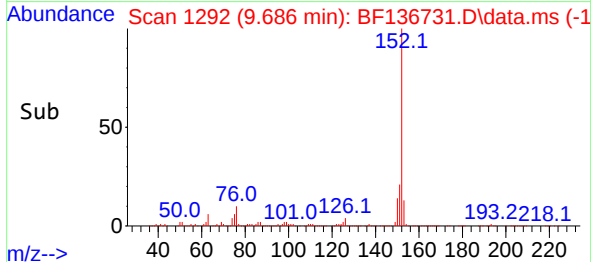
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:152 Resp: 1007664
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.0 10.2 15.2

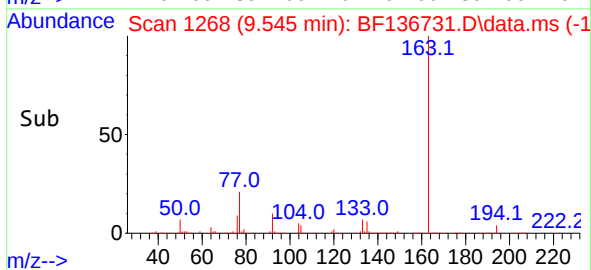
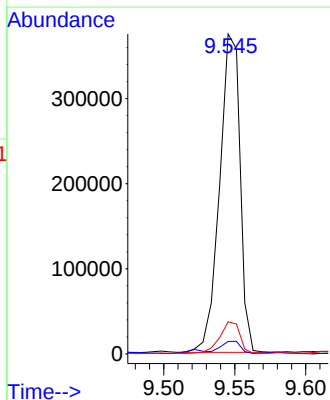
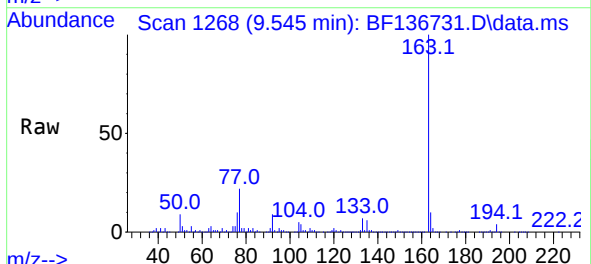
Manual Integrations
APPROVED

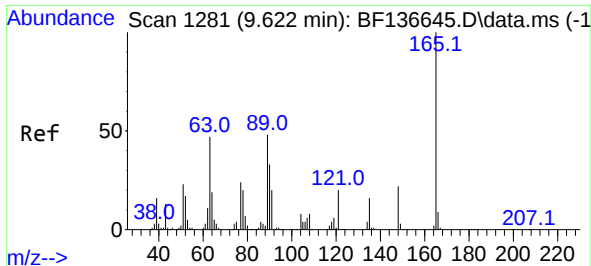
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#50
Dimethylphthalate
Concen: 44.900 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion:163 Resp: 374633
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 7.8 11.6





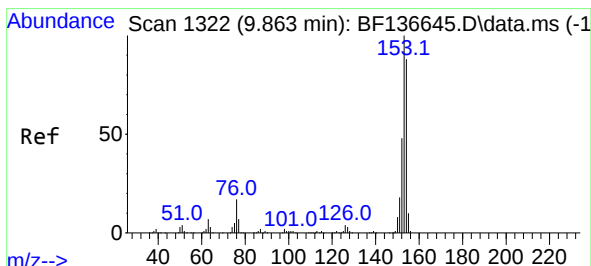
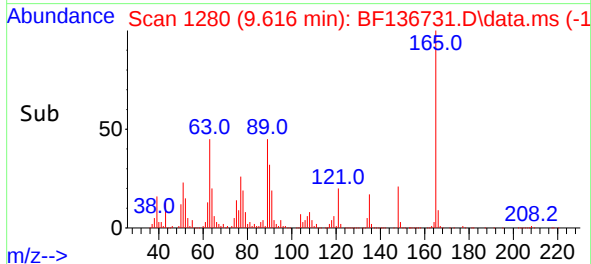
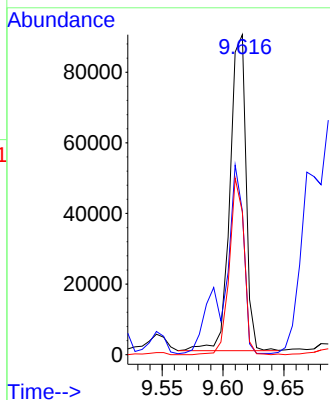
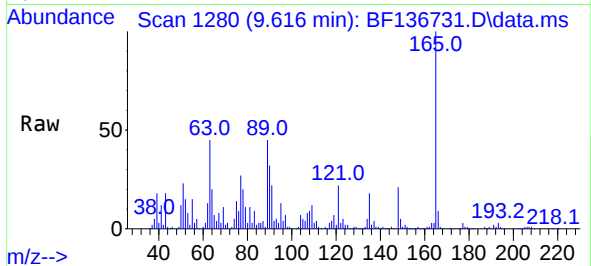
#51
2,6-Dinitrotoluene
Concen: 43.445 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD

Tgt Ion:165 Resp: 82269
Ion Ratio Lower Upper
165 100
63 44.9 39.8 59.6
89 44.6 38.8 58.2

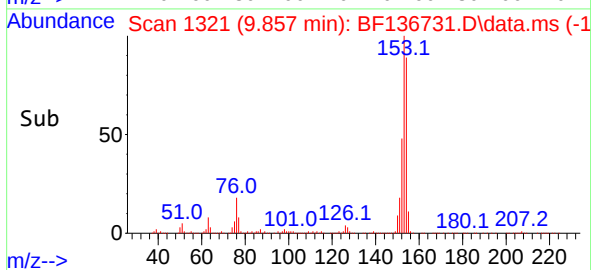
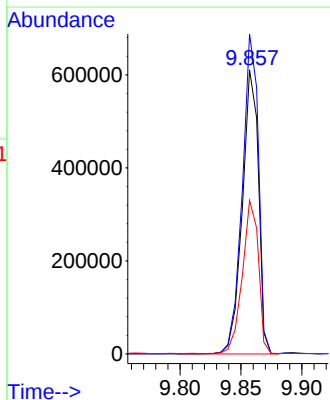
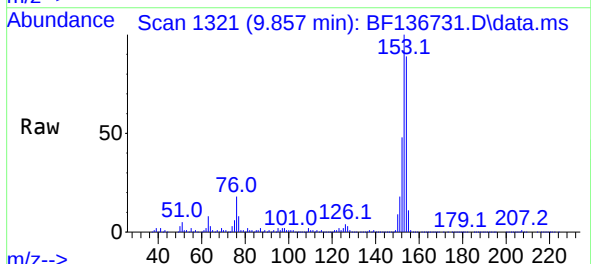
Manual Integrations
APPROVED

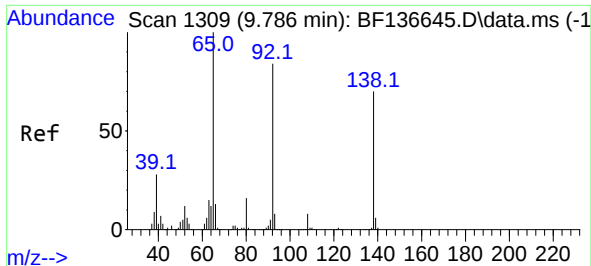
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#52
Acenaphthene
Concen: 81.854 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

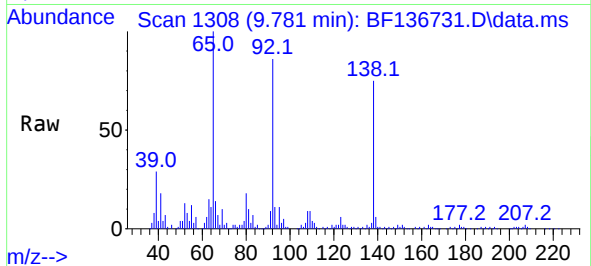
Tgt Ion:154 Resp: 565164
Ion Ratio Lower Upper
154 100
153 112.6 90.7 136.1
152 54.0 43.7 65.5





#53
3-Nitroaniline
Concen: 37.492 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

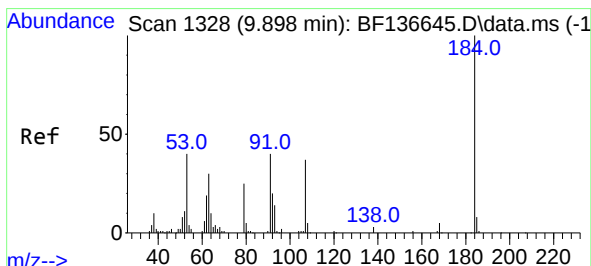
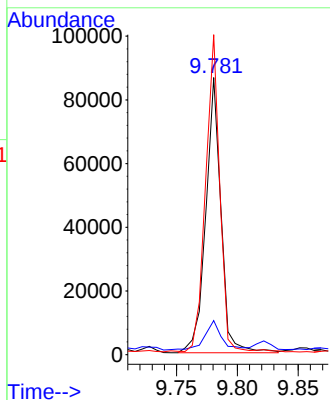
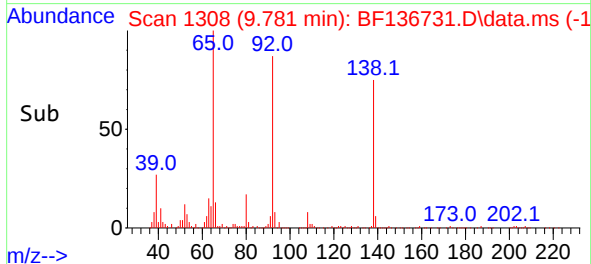
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:138 Resp: 75208
Ion Ratio Lower Upper
138 100
108 12.3 8.6 12.8
92 115.5 95.2 142.8

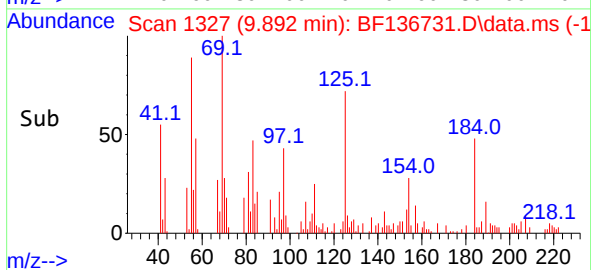
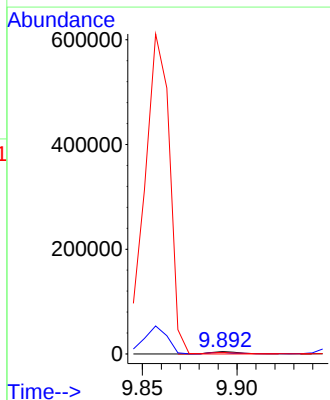
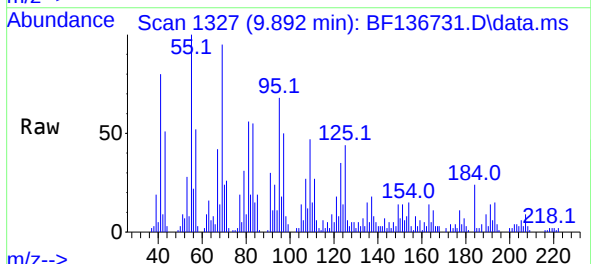
Manual Integrations
APPROVED

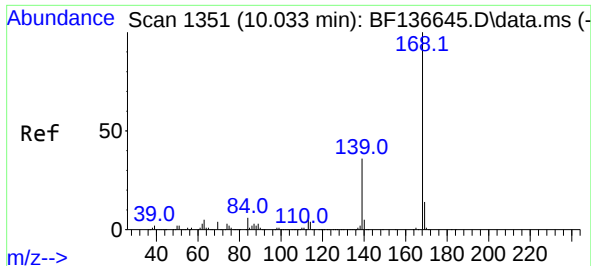
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#54
2,4-Dinitrophenol
Concen: 8.159 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

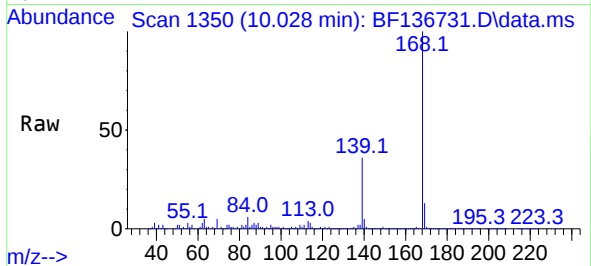
Tgt Ion:184 Resp: 4870
Ion Ratio Lower Upper
184 100
63 66.6 40.9 61.3#
154 61.9 42.7 64.1





#55
Dibenzenofuran
Concen: 42.085 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

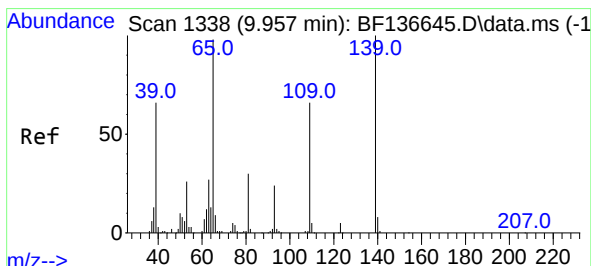
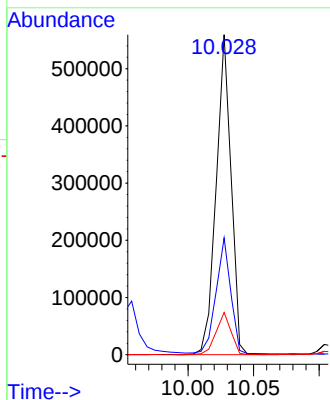
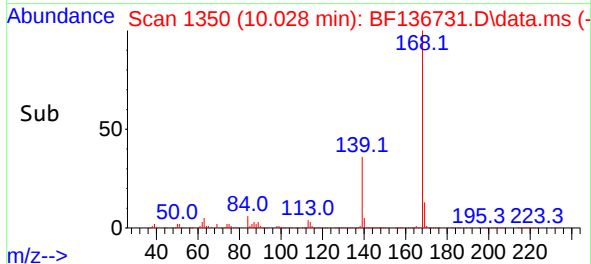
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:168 Resp: 440472
Ion Ratio Lower Upper
168 100
139 36.5 29.3 43.9
169 13.2 11.0 16.4

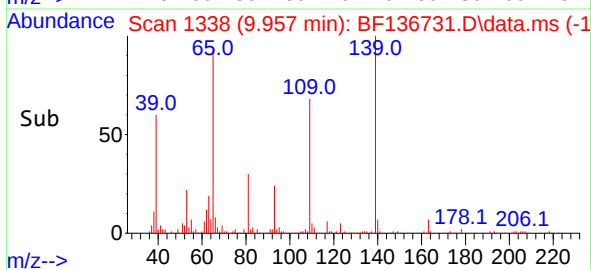
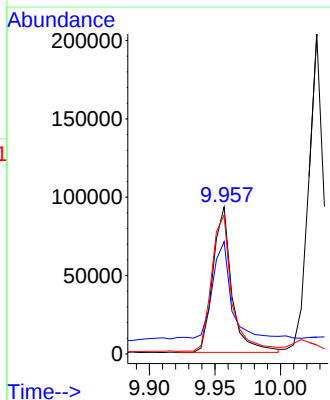
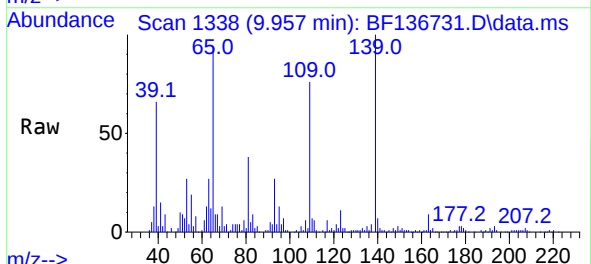
Manual Integrations
APPROVED

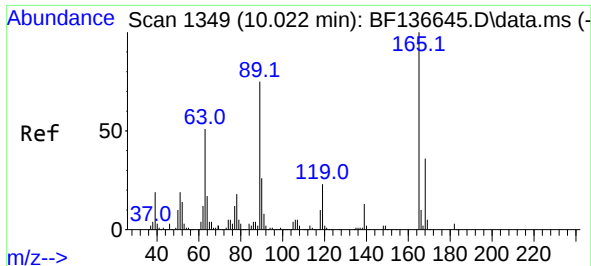
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#56
4-Nitrophenol
Concen: 68.763 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

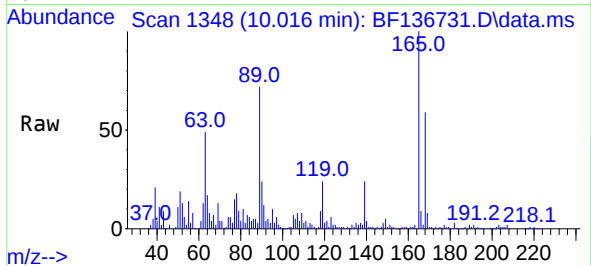
Tgt Ion:139 Resp: 93114
Ion Ratio Lower Upper
139 100
109 76.5 45.8 85.8
65 94.4 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 39.213 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

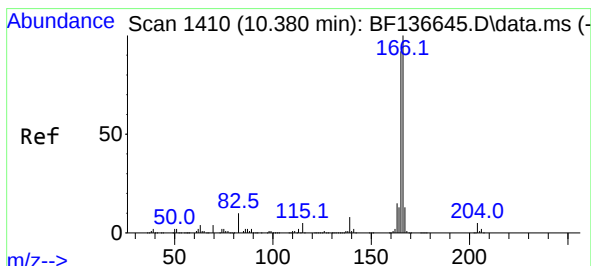
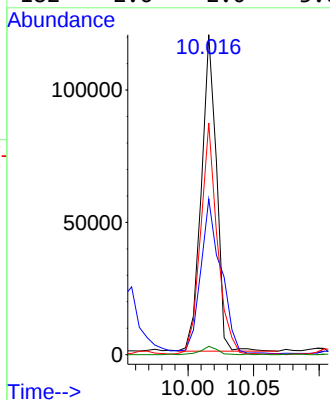
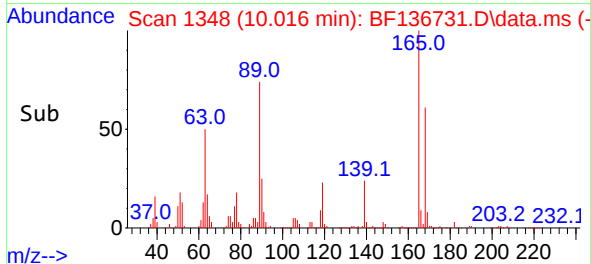
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



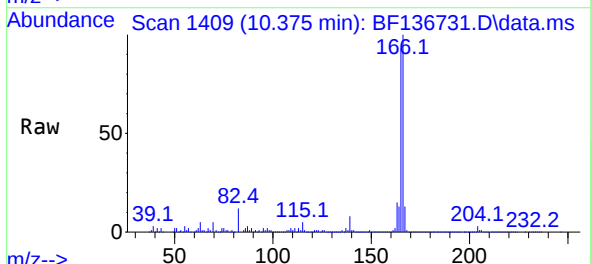
Tgt Ion:165 Resp: 9639
Ion Ratio Lower Upper
165 100
63 48.6 41.0 61.6
89 72.4 59.9 89.9
182 2.6 2.0 3.0

Manual Integrations
APPROVED

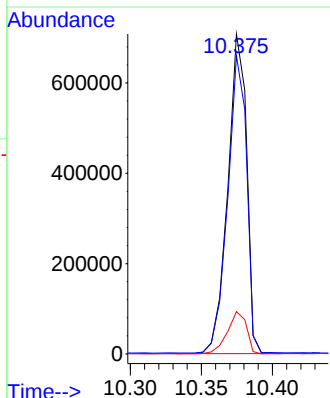
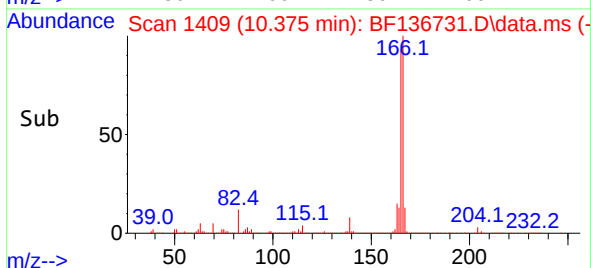
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

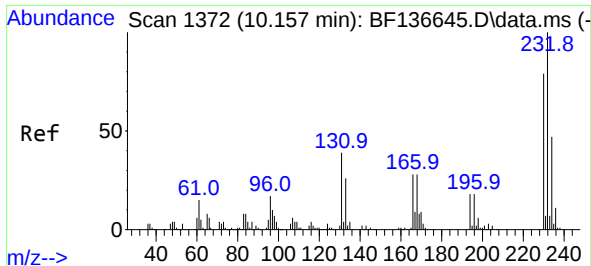


#58
Fluorene
Concen: 78.672 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



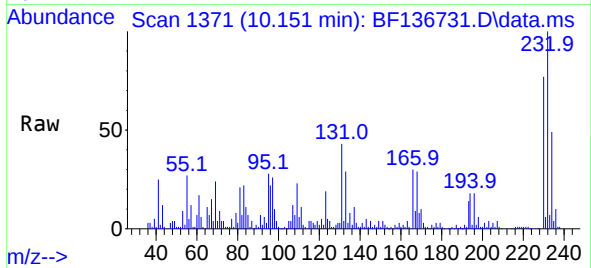
Tgt Ion:166 Resp: 653341
Ion Ratio Lower Upper
166 100
165 93.2 73.7 110.5
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.184 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

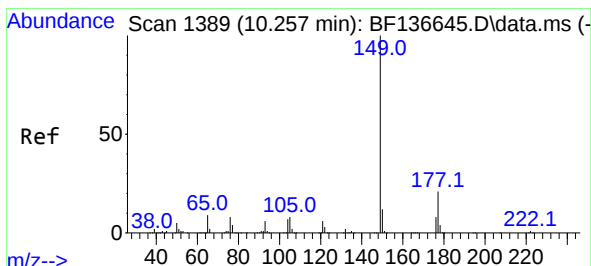
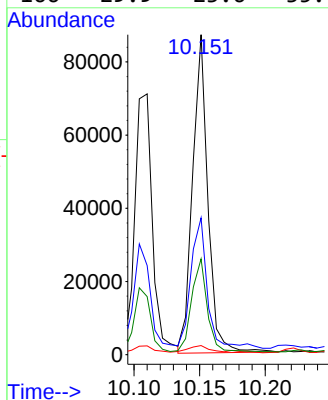
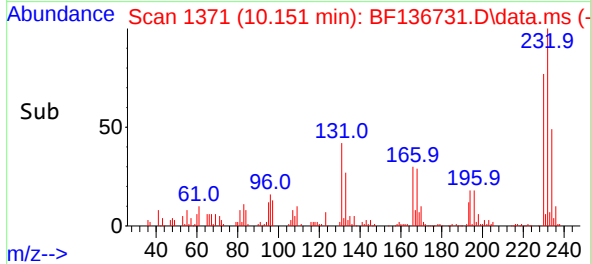
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:232 Resp: 70421
Ion Ratio Lower Upper
232 100
131 46.0 35.1 52.7
130 2.7 1.6 2.4
166 29.9 23.6 35.4

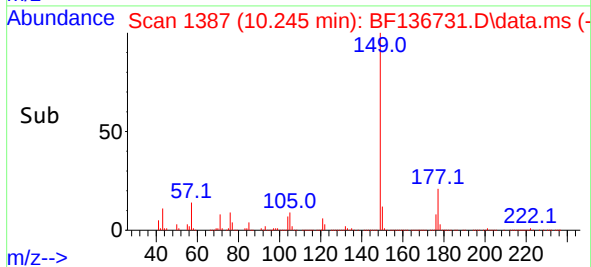
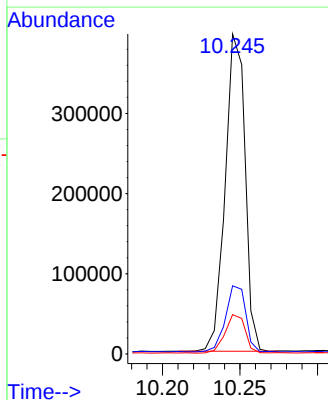
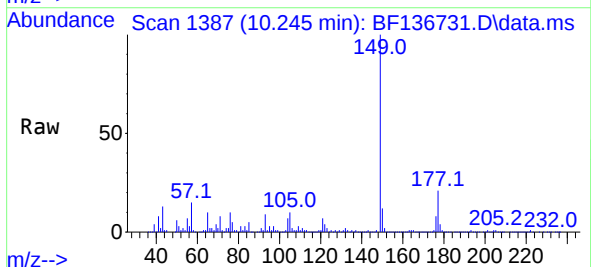
Manual Integrations
APPROVED

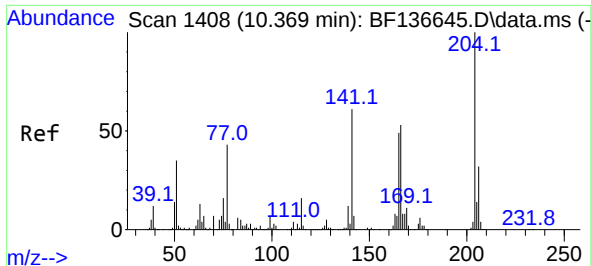
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#60
Diethylphthalate
Concen: 40.749 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

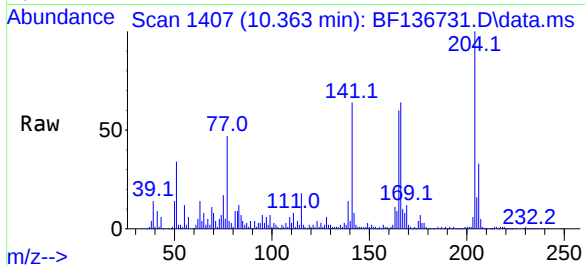
Tgt Ion:149 Resp: 352776
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.438 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

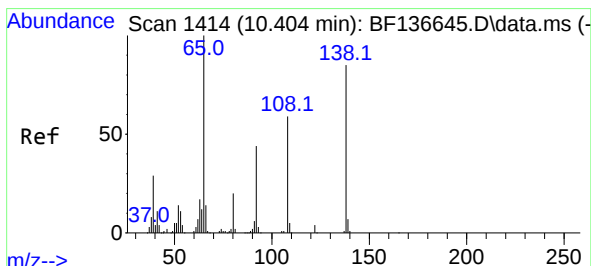
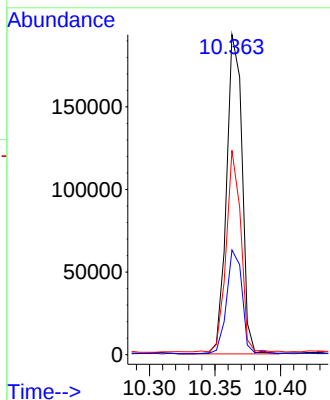
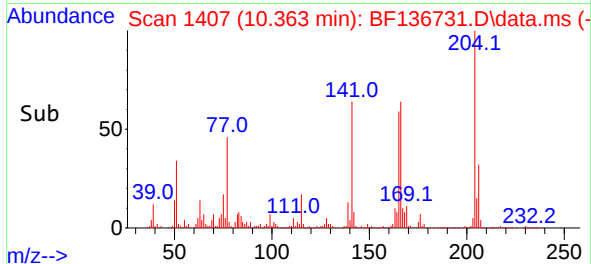
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:204 Resp: 159190
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 63.8 48.4 72.6

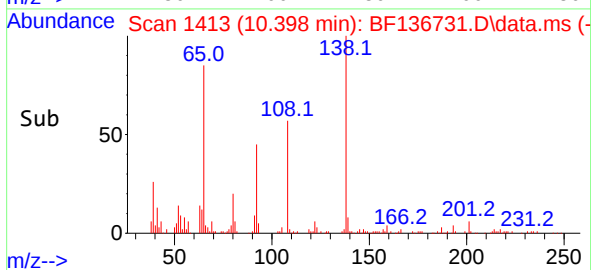
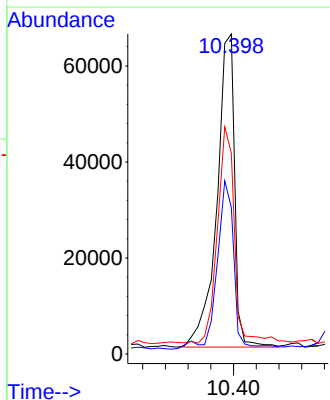
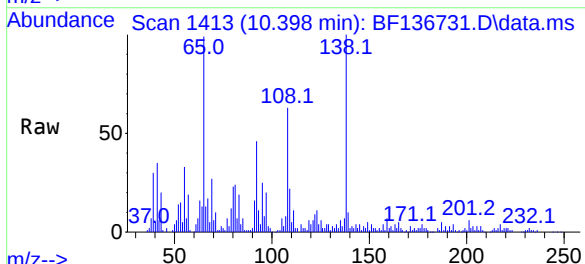
Manual Integrations
APPROVED

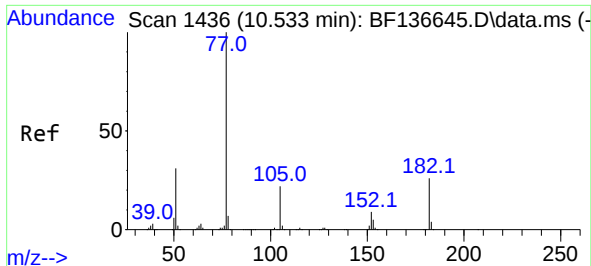
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#62
4-Nitroaniline
Concen: 36.845 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

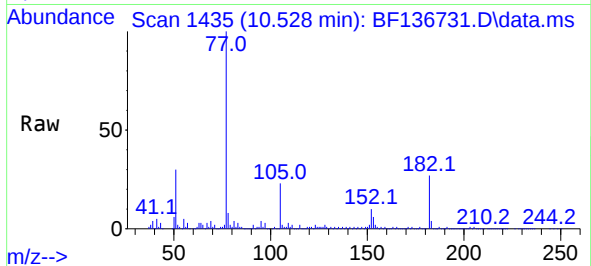
Tgt Ion:138 Resp: 71250
Ion Ratio Lower Upper
138 100
92 45.8 32.1 72.1
108 62.8 50.1 90.1





#63
Azobenzene
Concen: 39.398 ng
RT: 10.528 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

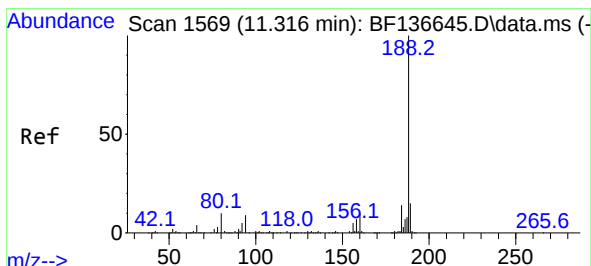
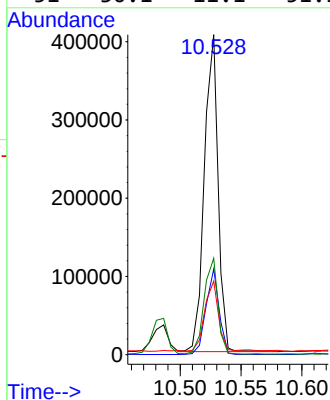
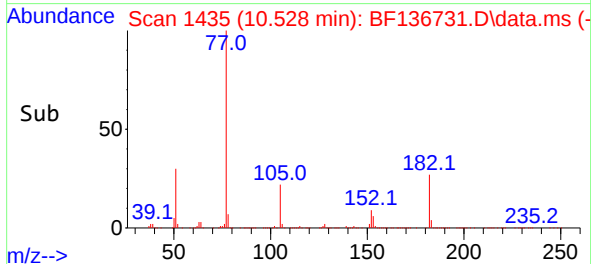
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



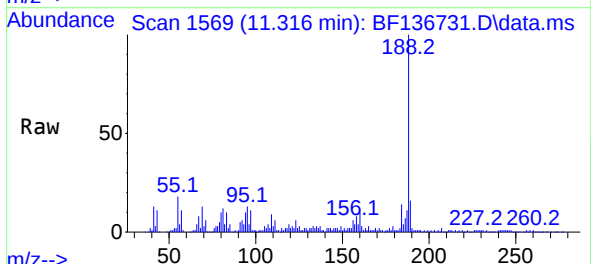
Tgt Ion: 77 Resp: 31856
Ion Ratio Lower Upper
77 100
182 26.7 6.0 46.0
105 23.0 2.3 42.3
51 30.1 11.1 51.1

Manual Integrations
APPROVED

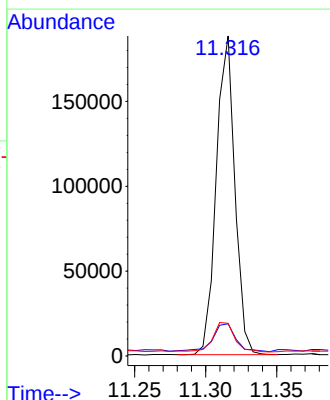
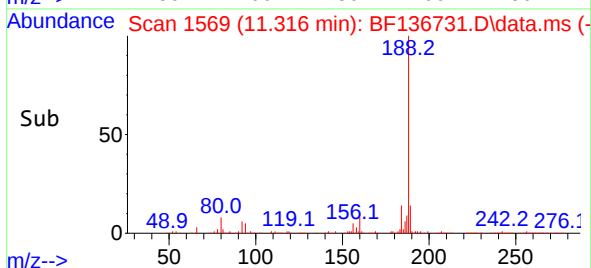
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

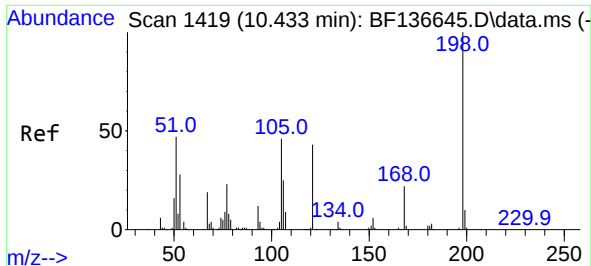


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



Tgt Ion:188 Resp: 170592
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.2 8.1 12.1





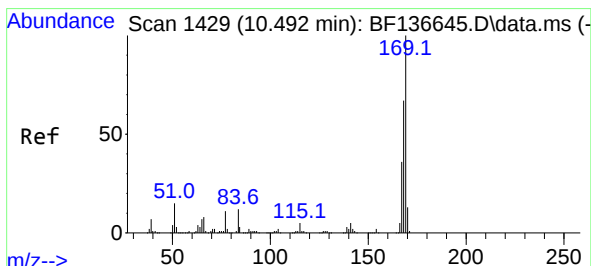
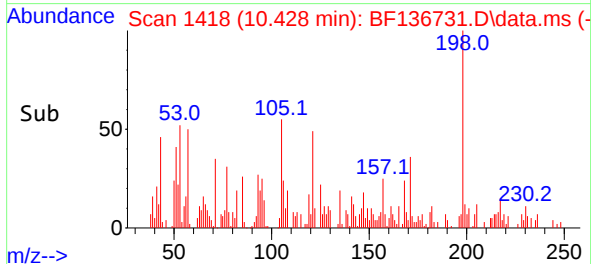
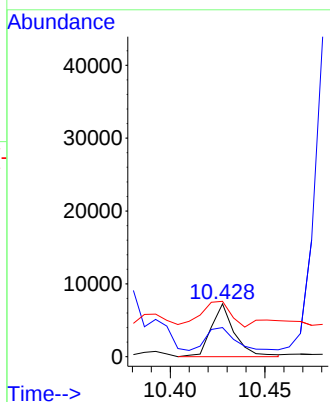
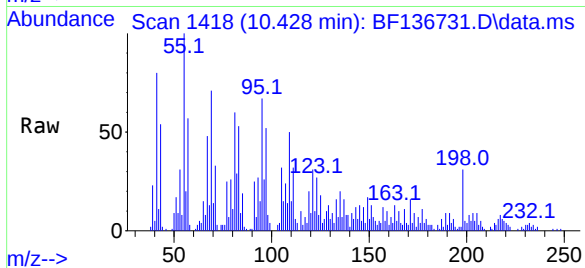
#65
4,6-Dinitro-2-methylphenol
Concen: 6.344 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD

Tgt Ion:198 Resp: 620
Ion Ratio Lower Upper
198 100
51 55.3 34.1 74.1
105 105.0 27.3 67.3

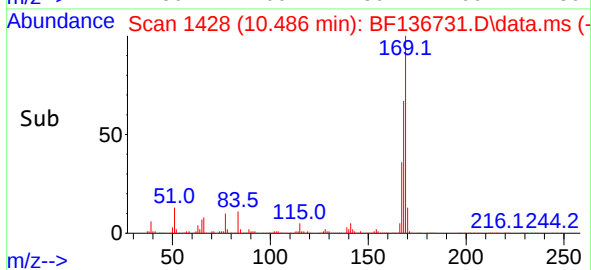
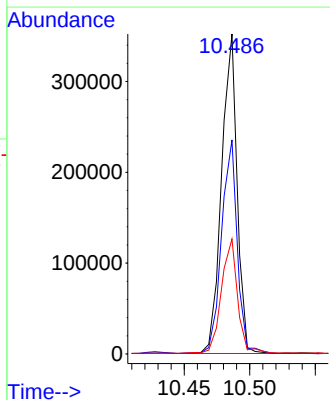
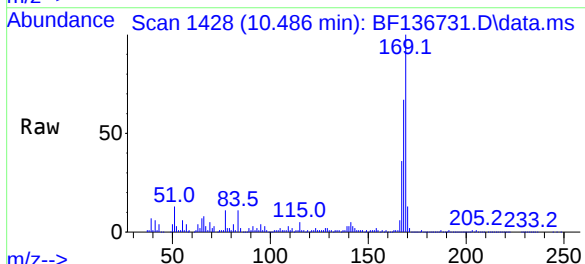
Manual Integrations
APPROVED

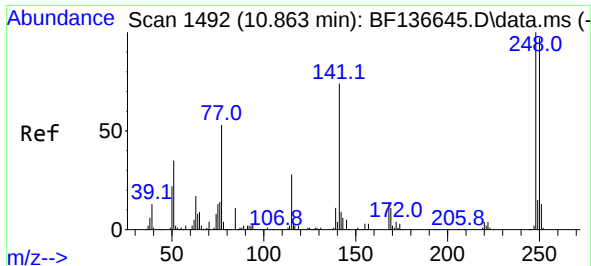
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#66
n-Nitrosodiphenylamine
Concen: 52.055 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

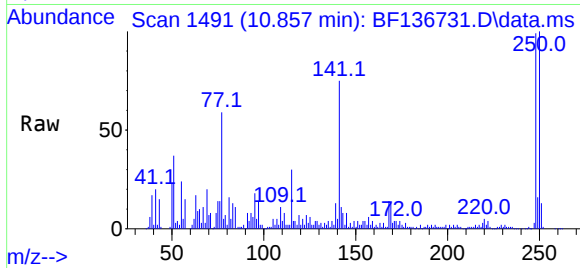
Tgt Ion:169 Resp: 288468
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.799 ng
RT: 10.857 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

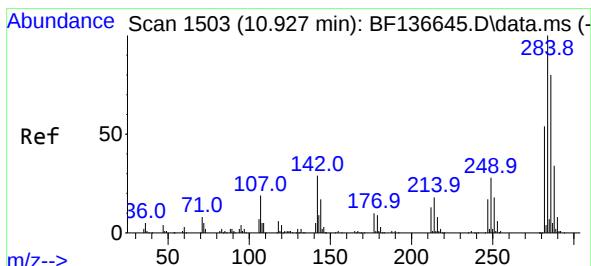
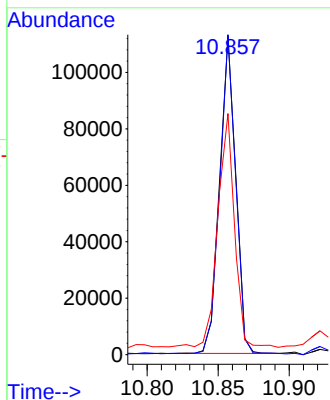
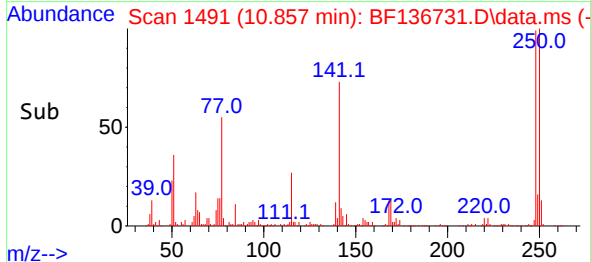
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



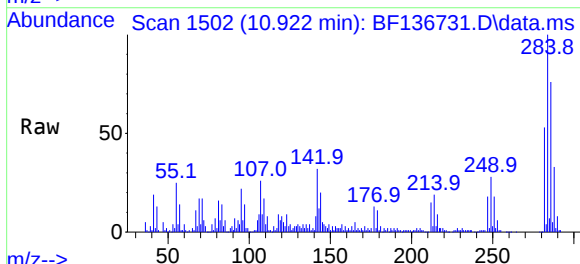
Tgt Ion:248 Resp: 88664
Ion Ratio Lower Upper
248 100
250 100.5 77.8 116.6
141 75.8 59.2 88.8

Manual Integrations
APPROVED

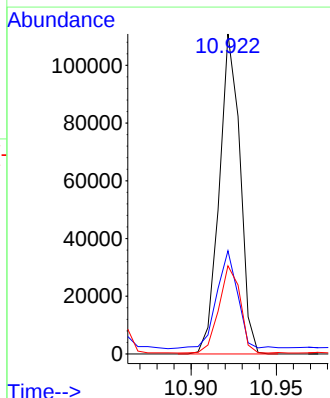
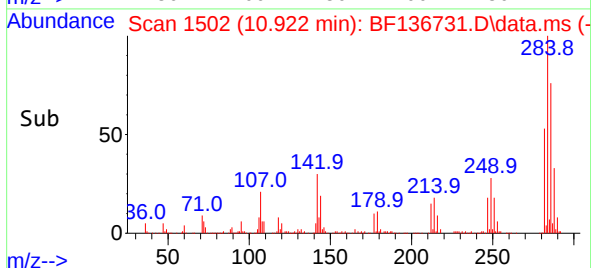
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

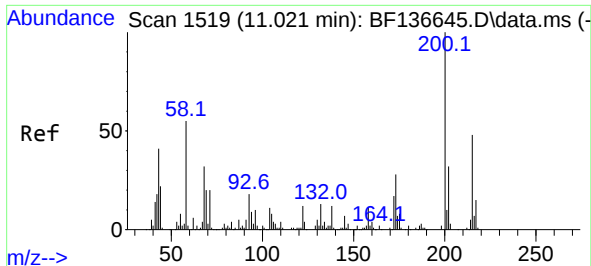


#68
Hexachlorobenzene
Concen: 44.533 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



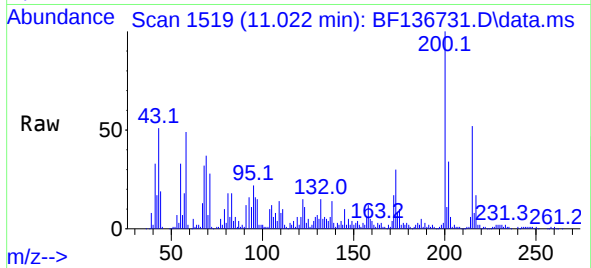
Tgt Ion:284 Resp: 94023
Ion Ratio Lower Upper
284 100
142 32.2 23.4 35.0
249 27.5 22.3 33.5





#69
Atrazine
Concen: 61.851 ng
RT: 11.022 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

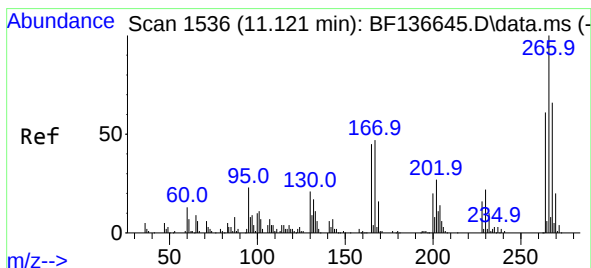
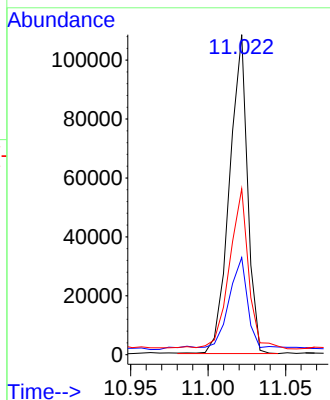
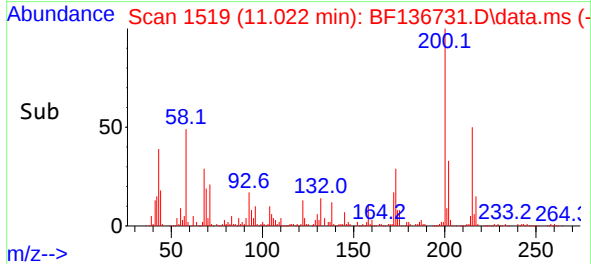
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



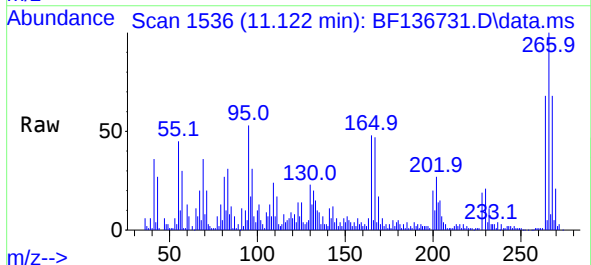
Tgt Ion:200 Resp: 87660
Ion Ratio Lower Upper
200 100
173 30.3 7.6 47.6
215 51.9 28.3 68.3

Manual Integrations
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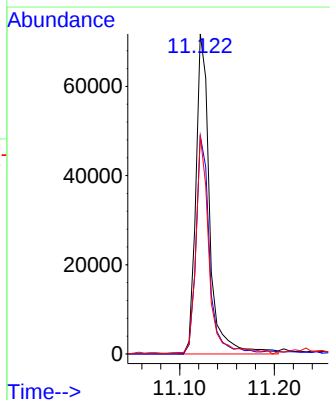
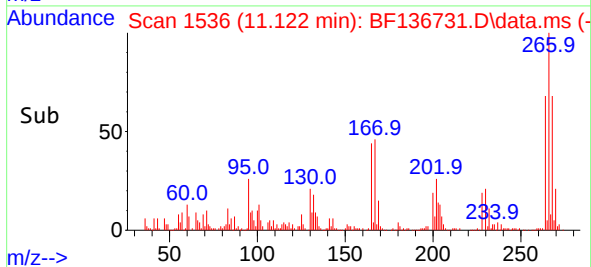
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

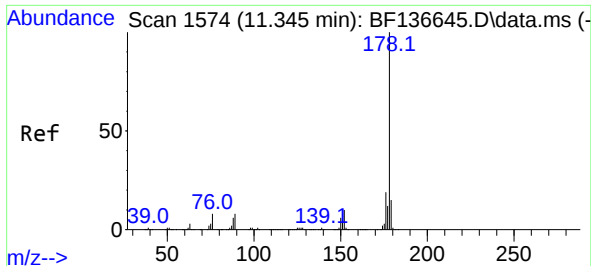


#70
Pentachlorophenol
Concen: 74.247 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



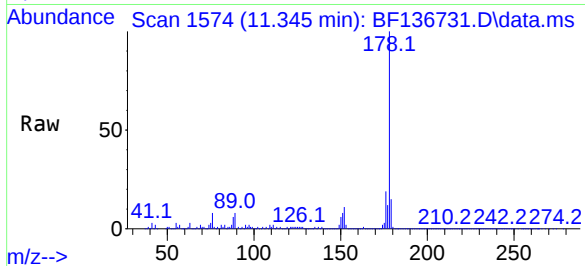
Tgt Ion:266 Resp: 73067
Ion Ratio Lower Upper
266 100
268 68.2 52.6 78.8
264 68.4 49.0 73.4





#71
Phenanthrene
Concen: 93.647 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

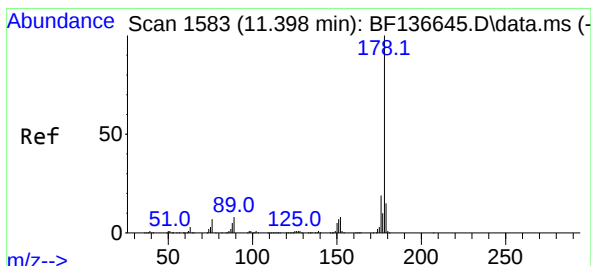
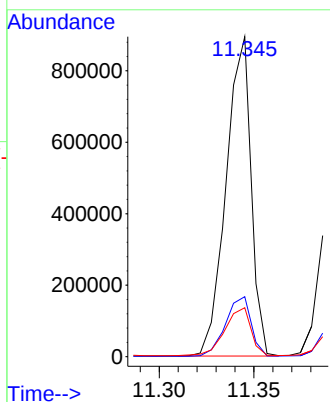
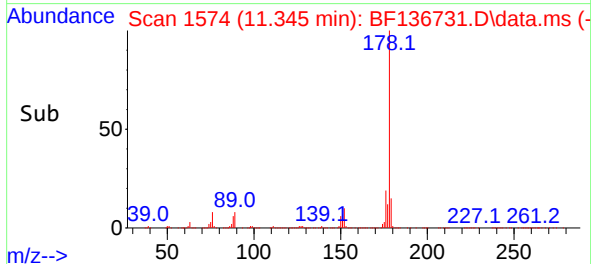
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



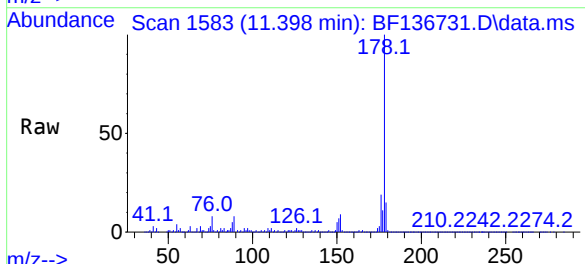
Tgt Ion:178 Resp: 81971
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.3 11.9 17.9

Manual Integrations
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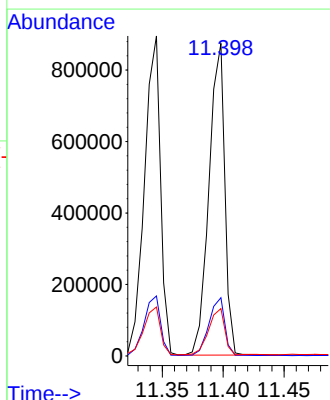
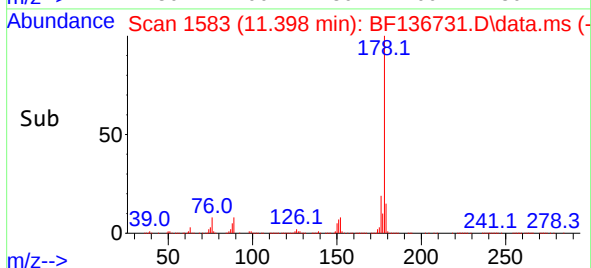
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

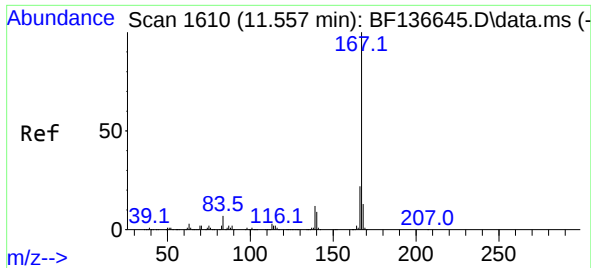


#72
Anthracene
Concen: 88.756 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



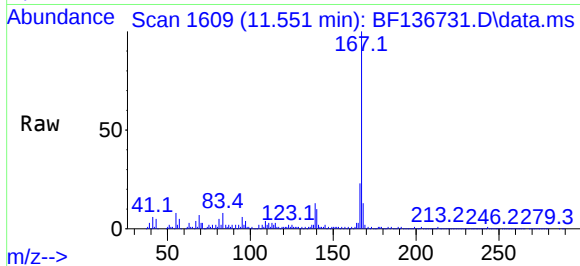
Tgt Ion:178 Resp: 786791
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.2 11.8 17.6





#73
 Carbazole
 Concen: 43.130 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136731.D
 Acq: 26 Dec 2023 21:34

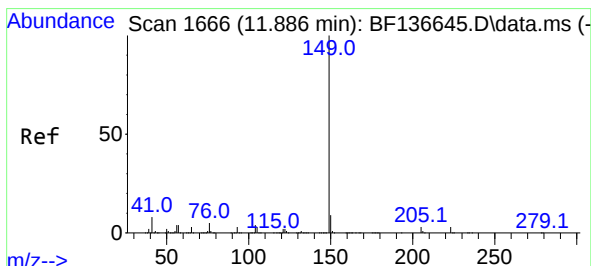
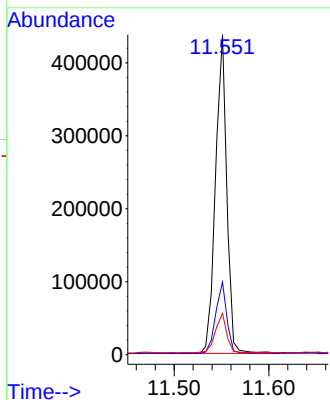
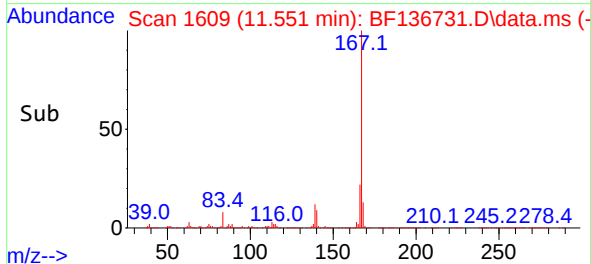
Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-03-9.5-10.5MSD



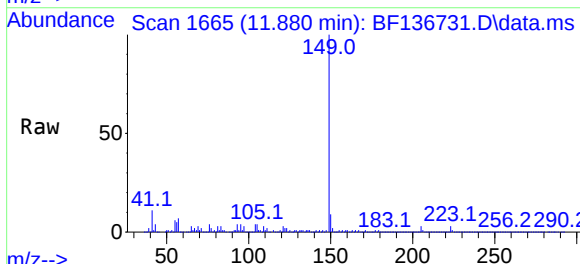
Tgt Ion:167 Resp: 36047
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.3 25.9
 139 12.8 9.8 14.6

Manual Integrations
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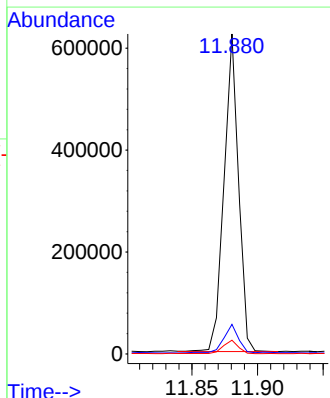
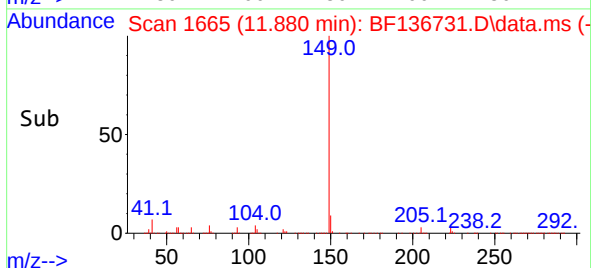
Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

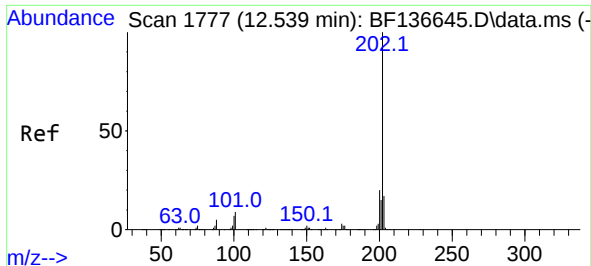


#74
 Di-n-butylphthalate
 Concen: 46.803 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136731.D
 Acq: 26 Dec 2023 21:34



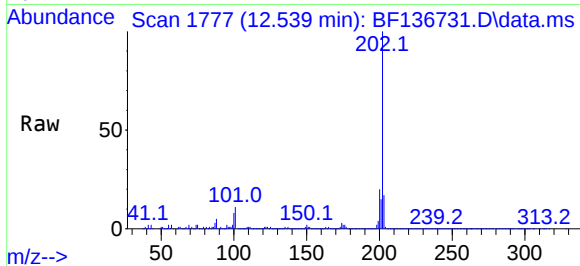
Tgt Ion:149 Resp: 477320
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 88.133 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

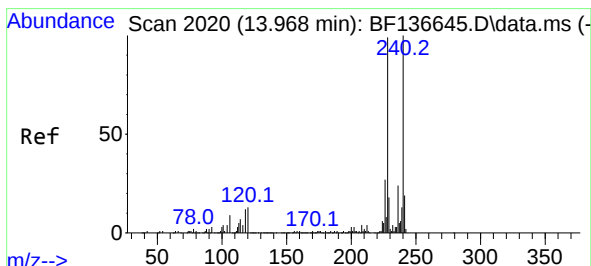
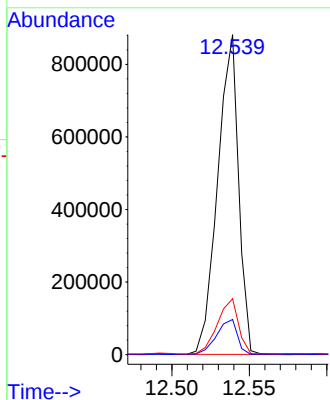
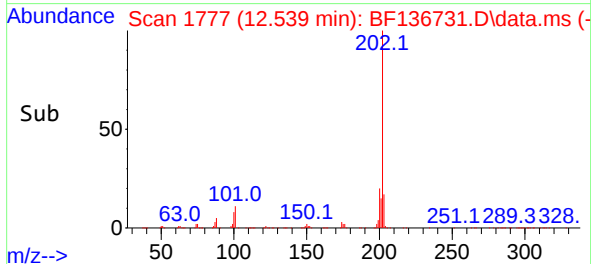
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



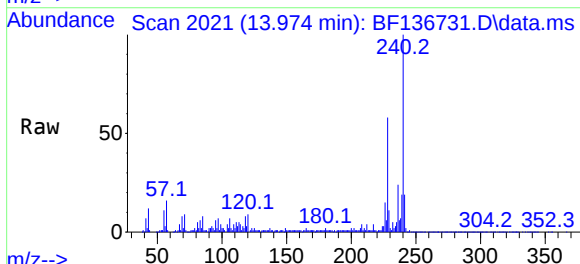
Tgt Ion:202 Resp: 825184
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.3
203 17.5 0.0 37.1

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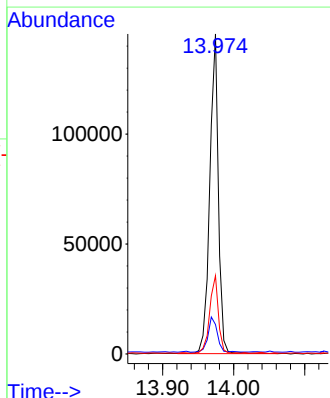
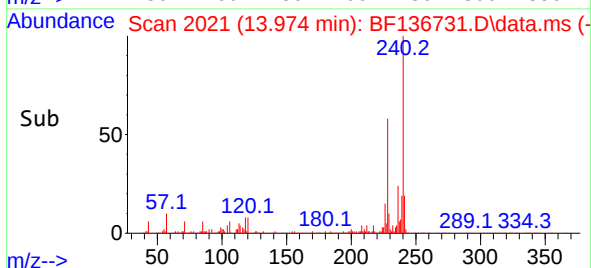
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

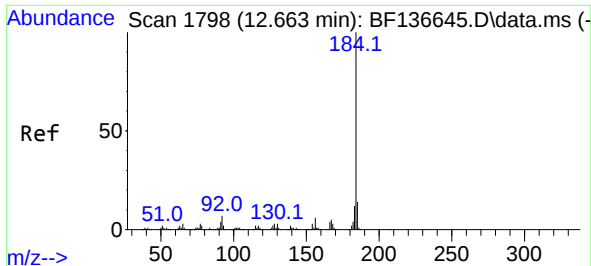


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34



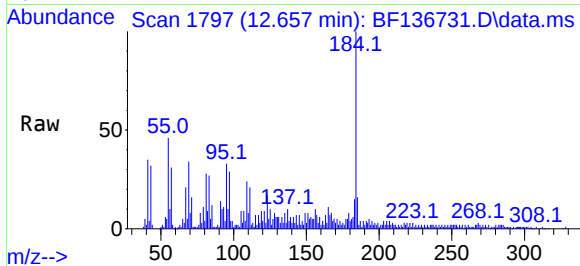
Tgt Ion:240 Resp: 122742
Ion Ratio Lower Upper
240 100
120 9.2 10.3 15.5#
236 24.5 19.4 29.2





#77
Benzidine
Concen: 12.273 ng
RT: 12.657 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

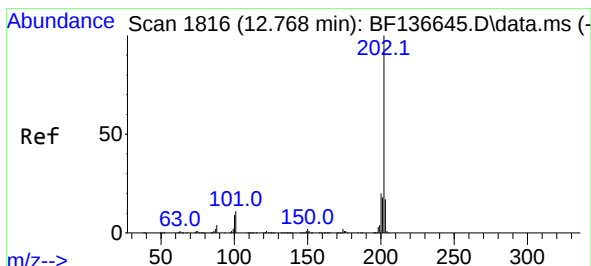
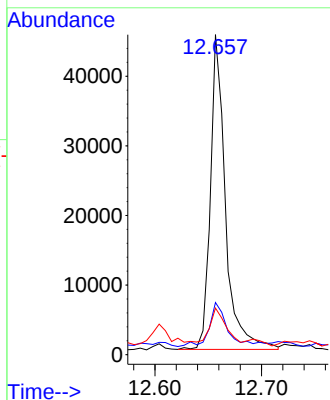
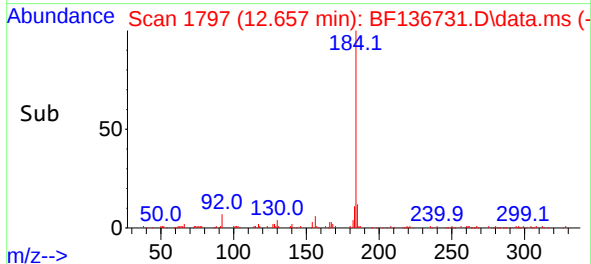
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:184 Resp: 4441
Ion Ratio Lower Upper
184 100
185 16.3 11.2 16.8
183 14.5 9.3 13.9

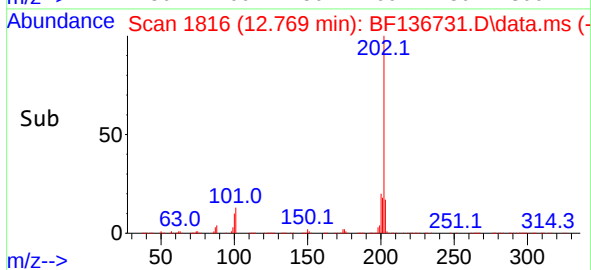
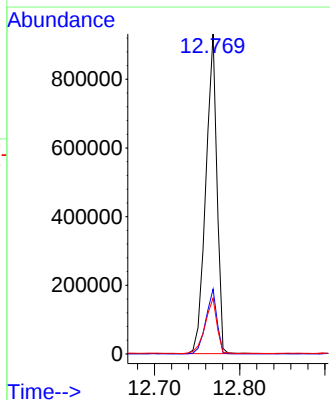
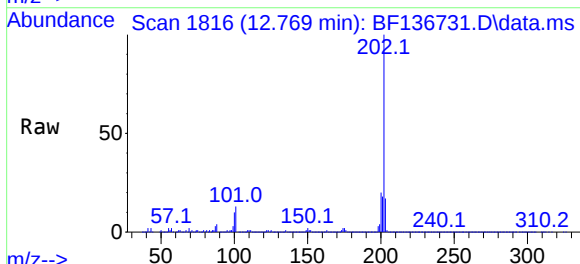
Manual Integrations
APPROVED

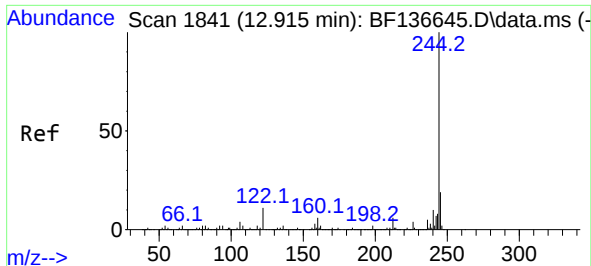
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#78
Pyrene
Concen: 69.840 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion:202 Resp: 841521
Ion Ratio Lower Upper
202 100
200 20.3 15.9 23.9
203 17.5 13.8 20.6





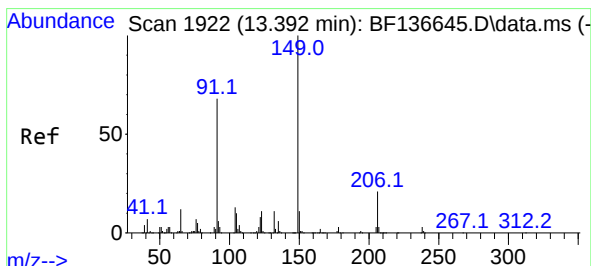
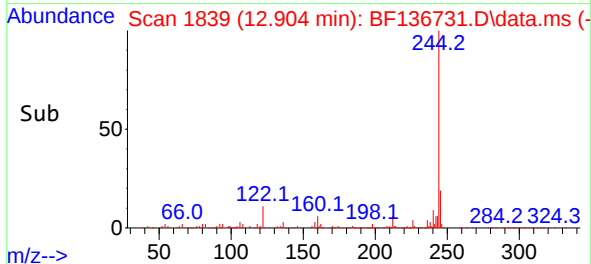
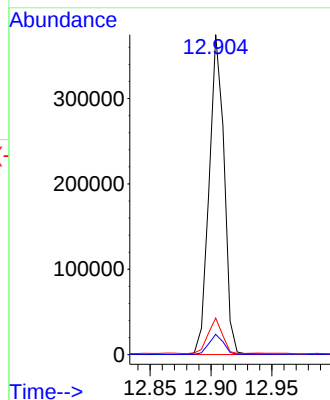
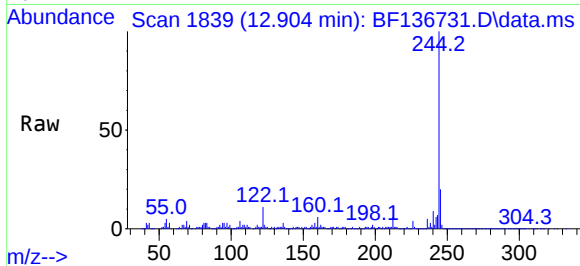
#79
Terphenyl-d14
Concen: 36.436 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD

Tgt Ion:244 Resp: 32002
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 11.5 9.0 13.4

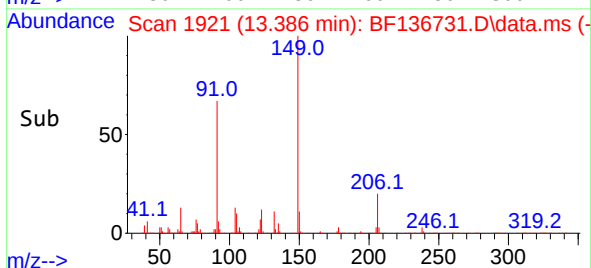
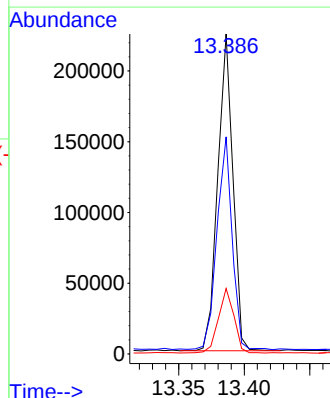
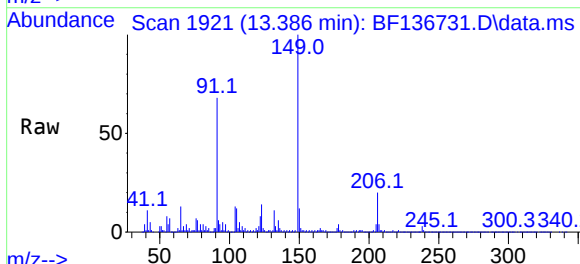
Manual Integrations
APPROVED

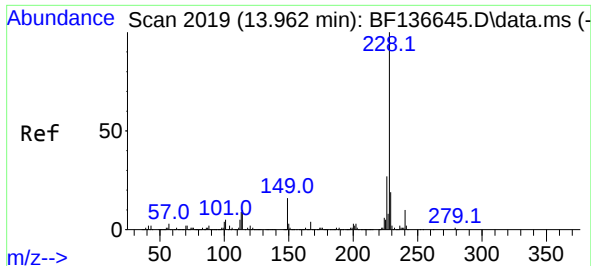
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#80
Butylbenzylphthalate
Concen: 41.084 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion:149 Resp: 180126
Ion Ratio Lower Upper
149 100
91 67.8 54.1 81.1
206 20.4 17.1 25.7





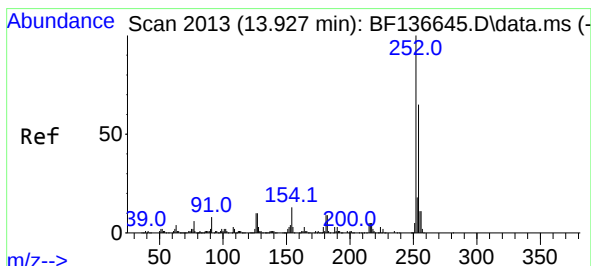
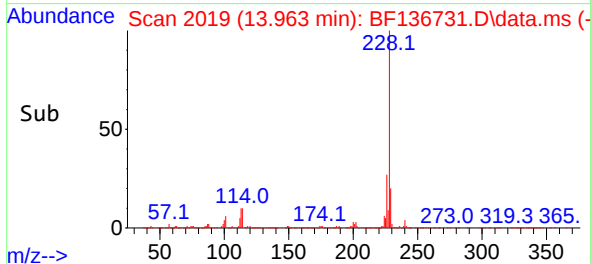
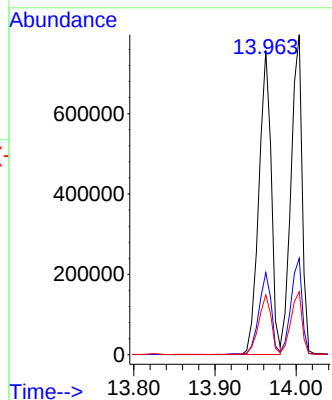
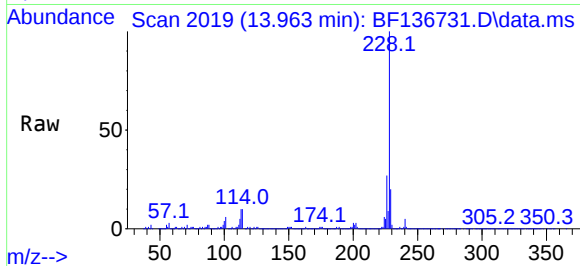
#81
Benzo(a)anthracene
Concen: 93.881 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD

Tgt Ion:228 Resp: 80015
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.7 14.9 22.3

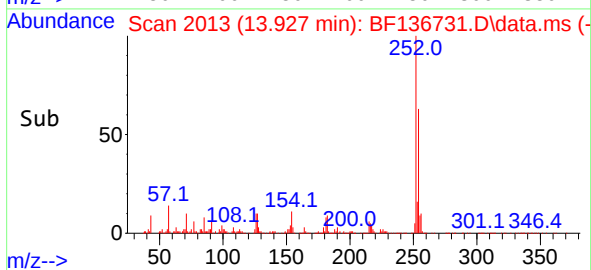
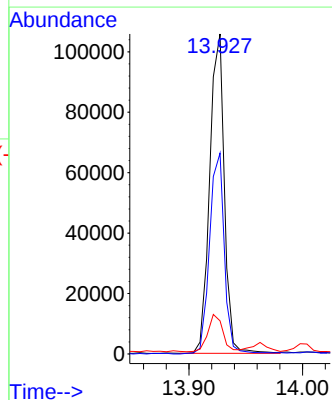
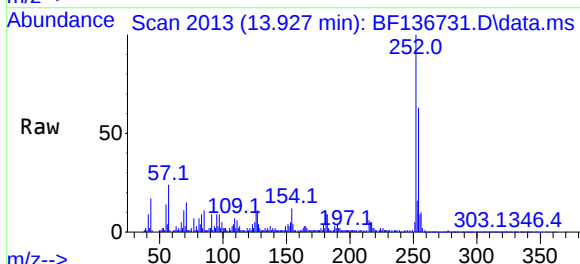
Manual Integrations
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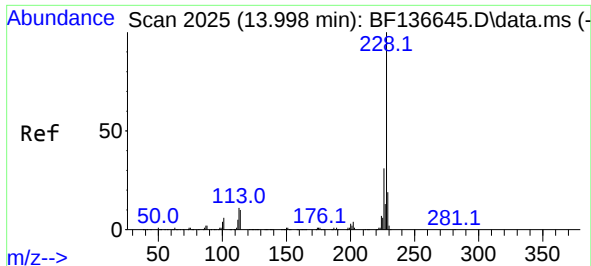
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.161 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion:252 Resp: 94788
Ion Ratio Lower Upper
252 100
254 62.8 52.2 78.4
126 10.4 8.0 12.0





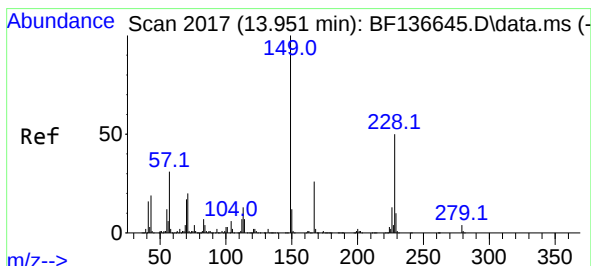
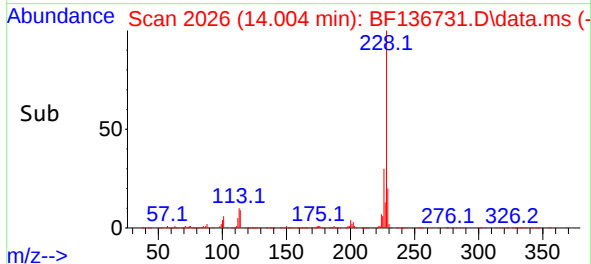
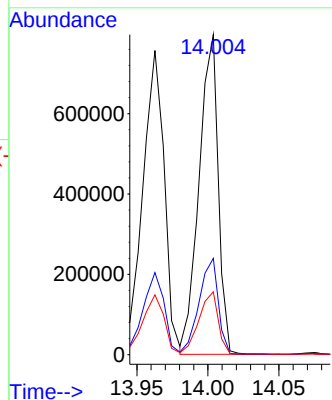
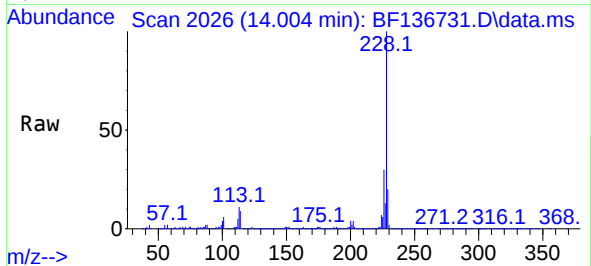
#83
Chrysene
Concen: 89.864 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD

Tgt Ion:228 Resp: 74899
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 19.6 15.4 23.0

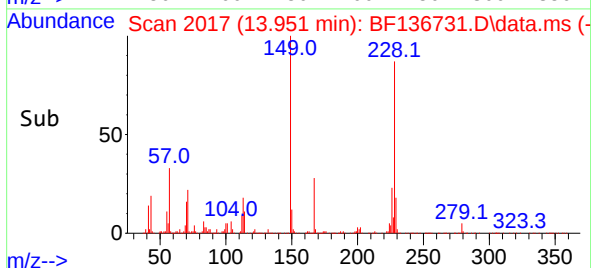
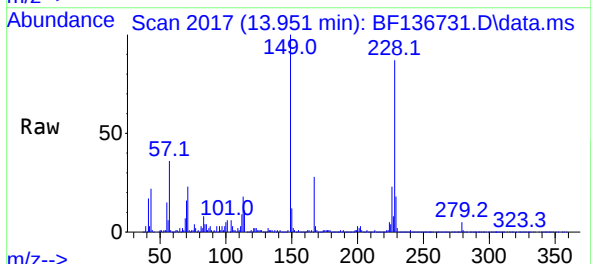
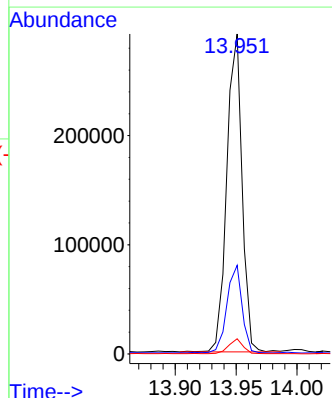
Manual Integrations
APPROVED

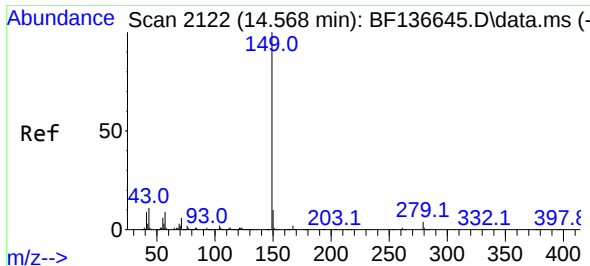
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.952 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

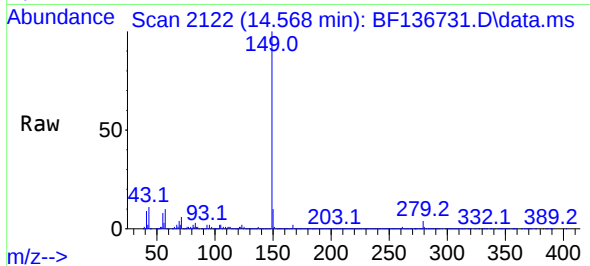
Tgt Ion:149 Resp: 253484
Ion Ratio Lower Upper
149 100
167 27.7 20.9 31.3
279 4.8 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 55.851 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

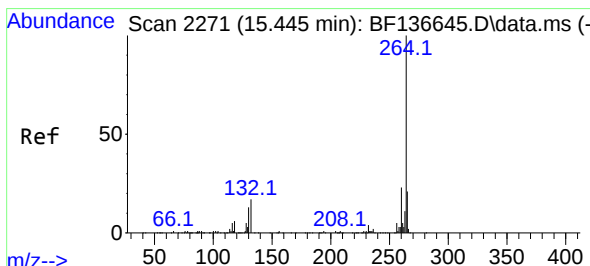
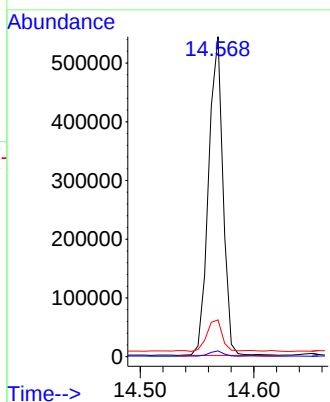
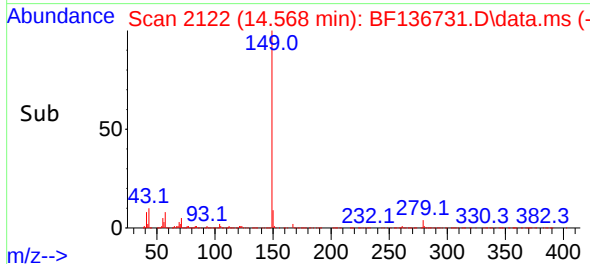
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:149 Resp: 476569
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 8.9 13.3

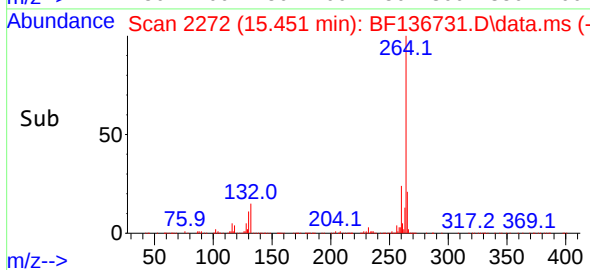
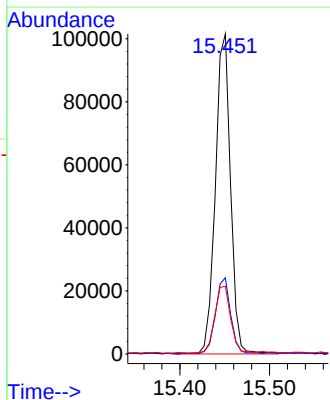
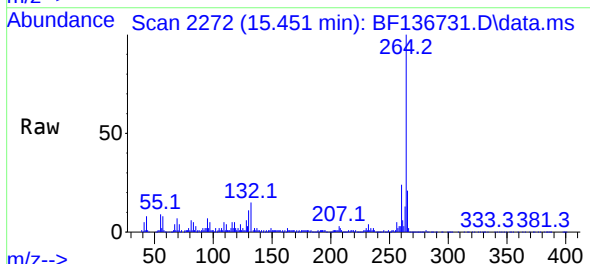
Manual Integrations
APPROVED

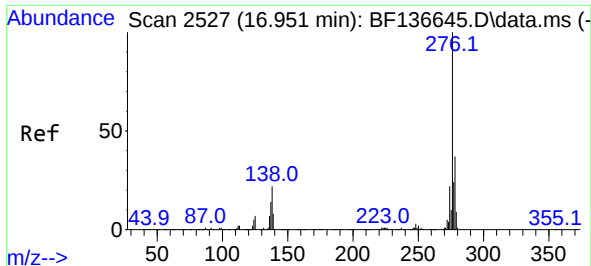
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion:264 Resp: 118946
Ion Ratio Lower Upper
264 100
260 23.8 18.3 27.5
265 21.2 17.0 25.6





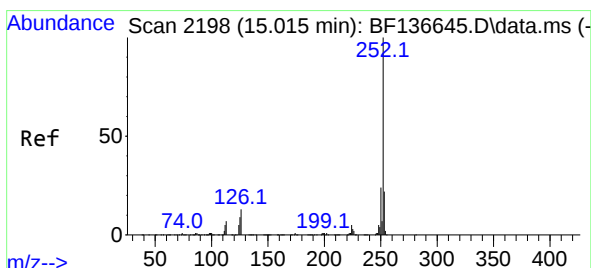
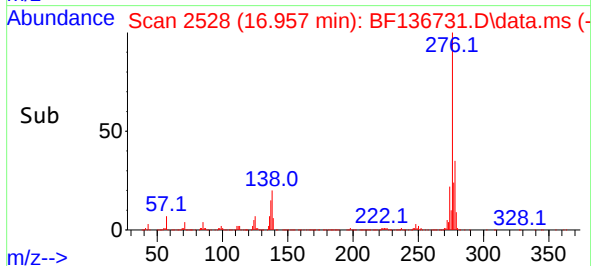
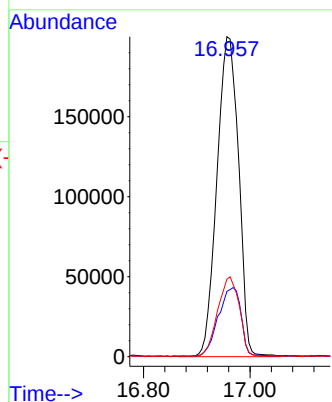
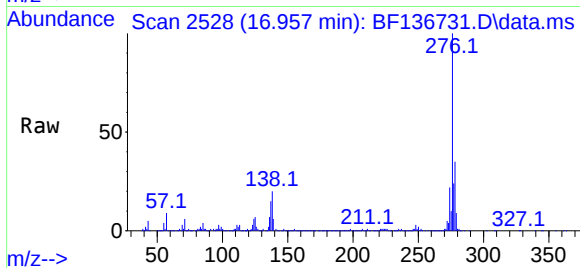
#87
Indeno(1,2,3-cd)pyrene
Concen: 65.733 ng
RT: 16.957 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD

Tgt Ion:276 Resp: 564510
Ion Ratio Lower Upper
276 100
138 22.3 18.7 28.1
277 24.8 20.2 30.2

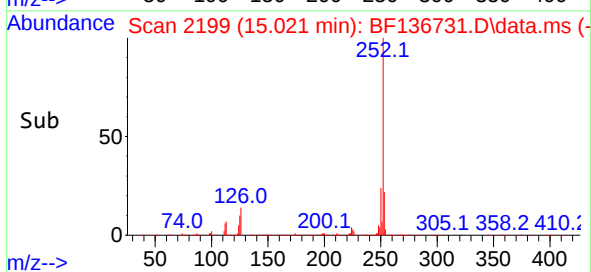
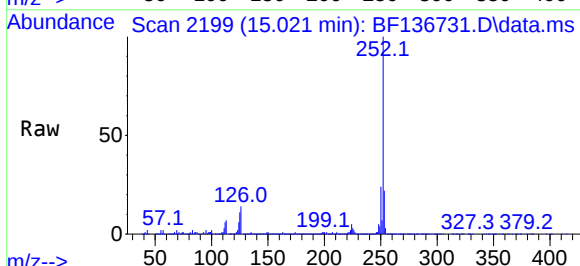
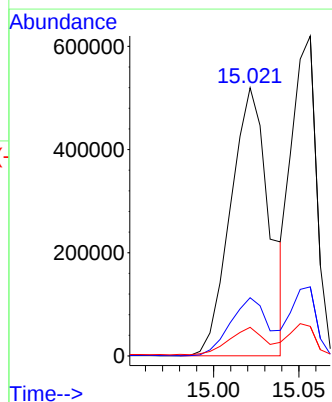
Manual Integrations
APPROVED

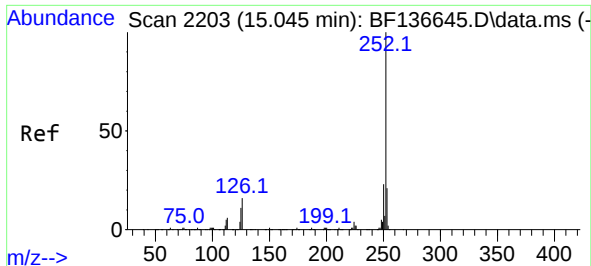
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#88
Benzo(b)fluoranthene
Concen: 103.026 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion:252 Resp: 818492
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 83.583 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

Tgt Ion:252 Resp: 62744

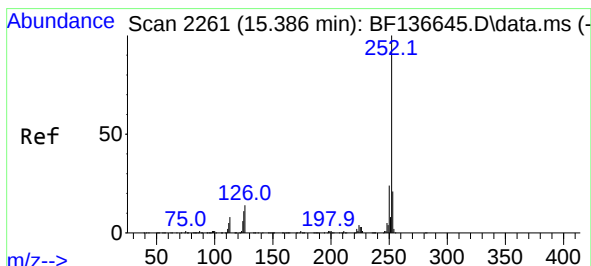
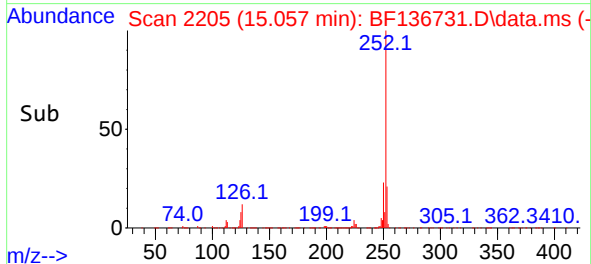
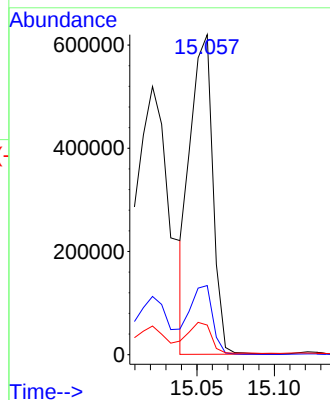
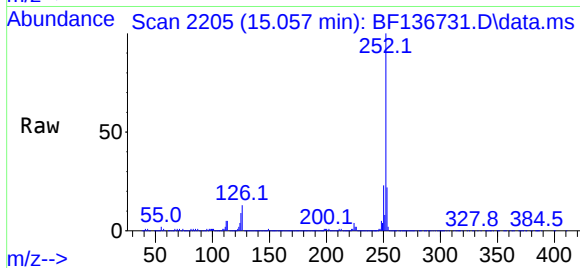
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#90

Benzo(a)pyrene

Concen: 91.829 ng

RT: 15.392 min Scan# 2262

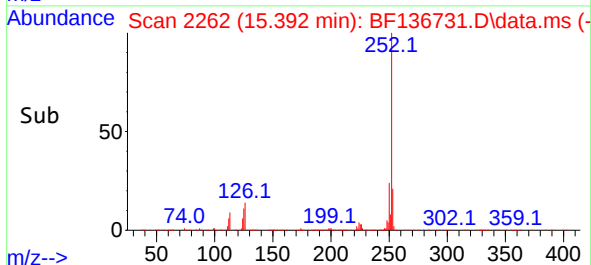
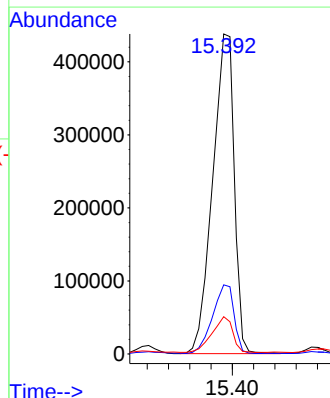
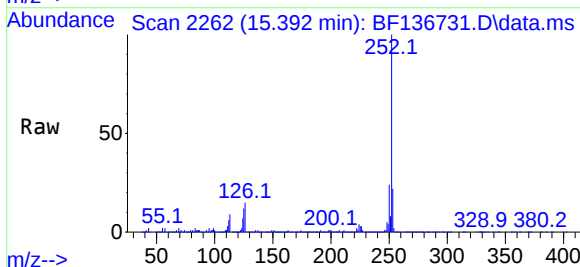
Delta R.T. 0.006 min

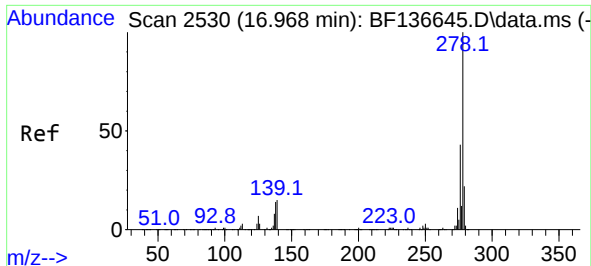
Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Tgt Ion:252 Resp: 615807

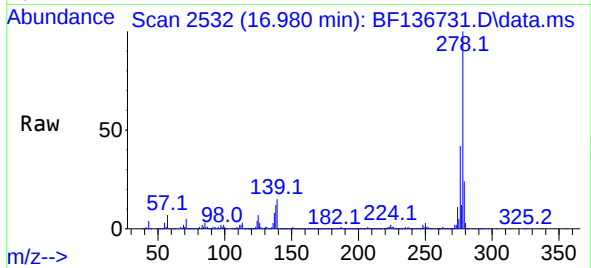
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.6	8.8	13.2





#91
Dibenzo(a,h)anthracene
Concen: 65.613 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

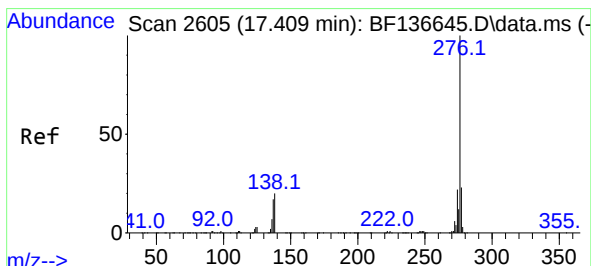
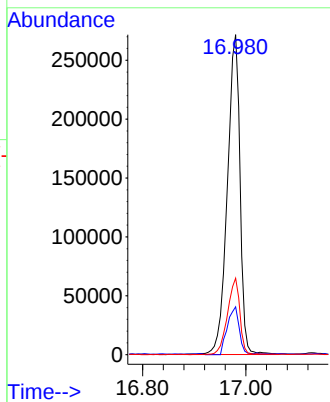
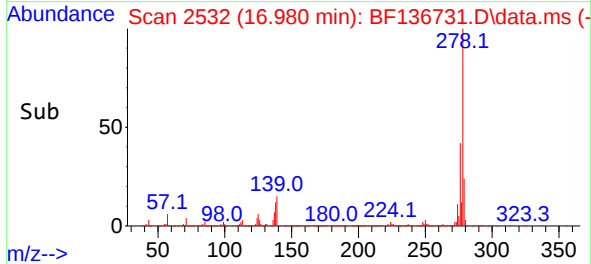
Instrument :
BNA_F
ClientSampleId :
RT-SB-03-9.5-10.5MSD



Tgt Ion:278 Resp: 462284
Ion Ratio Lower Upper
278 100
139 15.0 12.2 18.4
279 23.9 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#92
Benzo(g,h,i)perylene
Concen: 59.030 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136731.D
Acq: 26 Dec 2023 21:34

Tgt Ion:276 Resp: 425977
Ion Ratio Lower Upper
276 100
277 23.0 18.3 27.5
138 19.9 15.6 23.4

