

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136787.D
 Acq On : 28 Dec 2023 11:08
 Operator : CG\JU
 Sample : PB157800BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157800BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 28 11:25:48 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	6.786	152	97150	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	392718	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	192830	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	353797	20.000	ng	0.00
76) Chrysene-d12	13.974	240	168390	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	152242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	739598	118.784	ng	0.01
7) Phenol-d6	6.445	99	892805	110.661	ng	0.00
23) Nitrobenzene-d5	7.357	82	563926	73.479	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	244213	107.535	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1037544	72.368	ng	0.00
79) Terphenyl-d14	12.910	244	969206	80.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	76798	29.603	ng	97
3) Pyridine	3.410	79	181515	28.676	ng	94
4) n-Nitrosodimethylamine	3.369	42	133357	39.452	ng	100
6) Aniline	6.451	93	196110	24.312	ng	# 1
8) 2-Chlorophenol	6.575	128	288665	42.365	ng	97
9) Benzaldehyde	6.339	77	61854	13.479	ng	99
10) Phenol	6.457	94	338123	39.259	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	265488	40.534	ng	98
12) 1,3-Dichlorobenzene	6.728	146	284510	38.276	ng	99
13) 1,4-Dichlorobenzene	6.804	146	290537	38.254	ng	98
14) 1,2-Dichlorobenzene	6.951	146	277800	39.308	ng	98
15) Benzyl Alcohol	6.933	79	236026	43.364	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	420874	39.303	ng	93
17) 2-Methylphenol	7.051	107	218440	38.698	ng	97
18) Hexachloroethane	7.292	117	106179	38.495	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	194145	39.696	ng	97
20) 3+4-Methylphenols	7.204	107	268483	38.072	ng	# 78
22) Acetophenone	7.198	105	389647	39.584	ng	94
24) Nitrobenzene	7.375	77	289985	37.719	ng	94
25) Isophorone	7.610	82	532616	38.140	ng	100
26) 2-Nitrophenol	7.686	139	150274	40.855	ng	99
27) 2,4-Dimethylphenol	7.728	122	225136	50.275	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	320988	37.815	ng	99
29) 2,4-Dichlorophenol	7.928	162	220936	38.323	ng	100
30) 1,2,4-Trichlorobenzene	8.004	180	244985	38.139	ng	97
31) Naphthalene	8.086	128	822960	38.144	ng	100
32) Benzoic acid	7.880	122	173045	39.938	ng	98
33) 4-Chloroaniline	8.139	127	177371	22.266	ng	97
34) Hexachlorobutadiene	8.198	225	142509	36.516	ng	99
35) Caprolactam	8.522	113	71103m	37.386	ng	
36) 4-Chloro-3-methylphenol	8.633	107	239781	36.945	ng	99
37) 2-Methylnaphthalene	8.780	142	509983	36.729	ng	100
38) 1-Methylnaphthalene	8.880	142	487631	35.796	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	245909	41.178	ng	99
41) Hexachlorocyclopentadiene	8.927	237	156833	82.221	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	154708	40.395	ng	98

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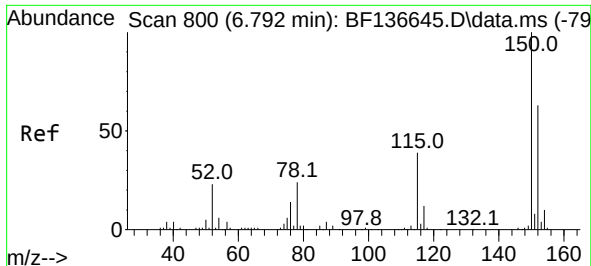
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	165527	38.785	ng	98
46) 1,1'-Biphenyl	9.245	154	632452	39.085	ng	99
47) 2-Chloronaphthalene	9.269	162	476104	38.703	ng	99
48) 2-Nitroaniline	9.374	65	150312	39.020	ng	91
49) Acenaphthylene	9.686	152	753783	40.090	ng	99
50) Dimethylphthalate	9.551	163	543730	38.604	ng	100
51) 2,6-Dinitrotoluene	9.616	165	121987	38.162	ng	# 89
52) Acenaphthene	9.857	154	448919	38.516	ng	98
53) 3-Nitroaniline	9.786	138	103371	30.528	ng	93
54) 2,4-Dinitrophenol	9.898	184	128899	73.097	ng	# 82
55) Dibenzofuran	10.033	168	665784	37.683	ng	98
56) 4-Nitrophenol	9.969	139	162831	71.234	ng	94
57) 2,4-Dinitrotoluene	10.027	165	150884	36.360	ng	95
58) Fluorene	10.374	166	534166	38.104	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138305	42.098	ng	98
60) Diethylphthalate	10.251	149	547859	37.489	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	252353	37.034	ng	94
62) 4-Nitroaniline	10.410	138	110199m	33.759	ng	
63) Azobenzene	10.527	77	511103	37.445	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	84098	41.477	ng	85
66) n-Nitrosodiphenylamine	10.492	169	470258	40.917	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	158334	40.297	ng	98
68) Hexachlorobenzene	10.927	284	172961	39.500	ng	95
69) Atrazine	11.021	200	114423	38.925	ng	99
70) Pentachlorophenol	11.121	266	141834	69.493	ng	99
71) Phenanthrene	11.339	178	731824	40.313	ng	99
72) Anthracene	11.392	178	732113	39.822	ng	99
73) Carbazole	11.551	167	658990	38.018	ng	99
74) Di-n-butylphthalate	11.880	149	826897	39.095	ng	99
75) Fluoranthene	12.533	202	705271	36.320	ng	97
77) Benzidine	12.657	184	32377	6.521	ng	99
78) Pyrene	12.763	202	705764	42.695	ng	100
80) Butylbenzylphthalate	13.386	149	261954	43.551	ng	99
81) Benzo(a)anthracene	13.962	228	491331	42.020	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	141635	42.653	ng	97
83) Chrysene	13.998	228	456481	39.922	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	334672	44.223	ng	# 98
85) Di-n-octyl phthalate	14.568	149	533550	45.578	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	579015	52.676	ng	100
88) Benzo(b)fluoranthene	15.015	252	461089	45.345	ng	98
89) Benzo(k)fluoranthene	15.051	252	418817	43.590	ng	99
90) Benzo(a)pyrene	15.392	252	395591	46.089	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	488332	54.151	ng	97
92) Benzo(g,h,i)perylene	17.427	276	492236	53.294	ng	99

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

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[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

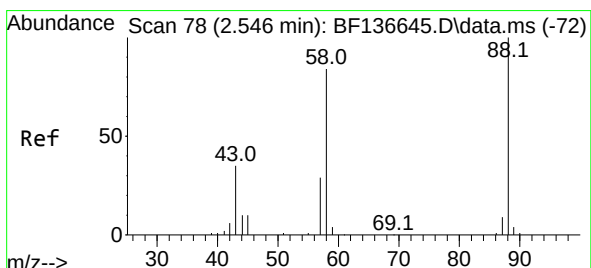
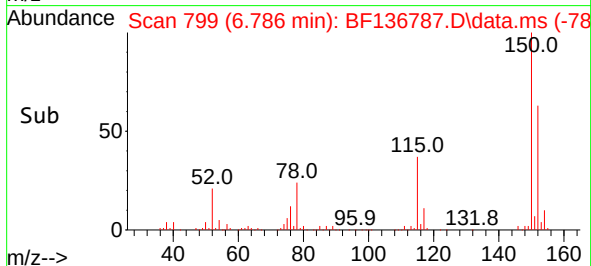
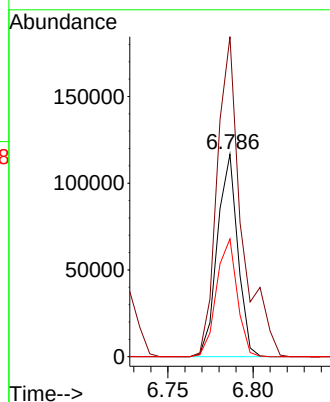
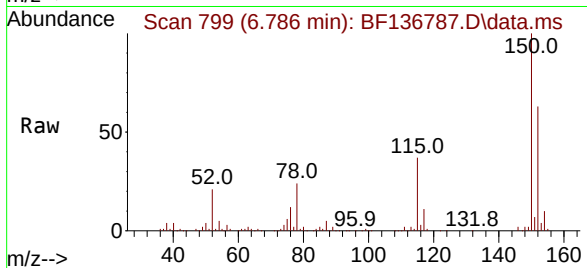
PB157800BS

Tgt Ion:152 Resp: 97150
Ion Ratio Lower Upper
152 100
150 158.1 127.0 190.6
115 58.2 49.0 73.4

Manual Integrations

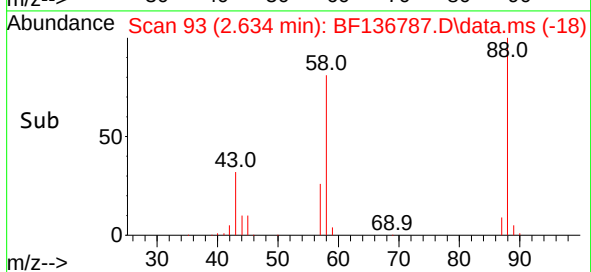
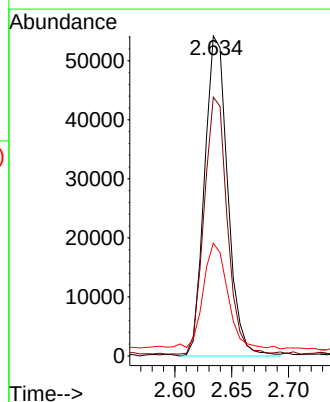
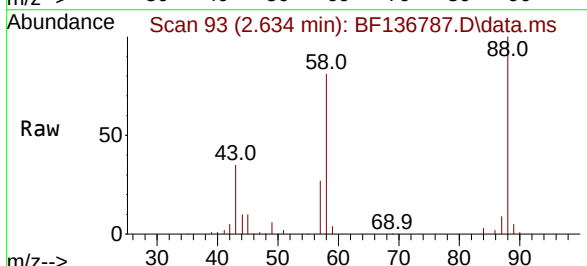
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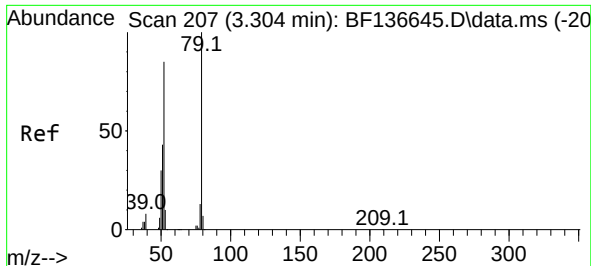
Reviewed By :Yogesh Patel 12/29/2023
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#2
1,4-Dioxane
Concen: 29.603 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

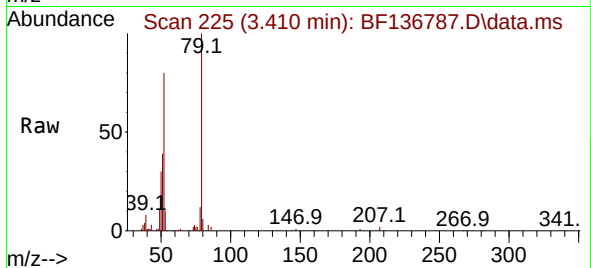
Tgt Ion: 88 Resp: 76798
Ion Ratio Lower Upper
88 100
58 80.0 67.4 101.0
43 34.4 27.7 41.5





#3
Pyridine
Concen: 28.676 ng
RT: 3.410 min Scan# 218
Delta R.T. 0.106 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

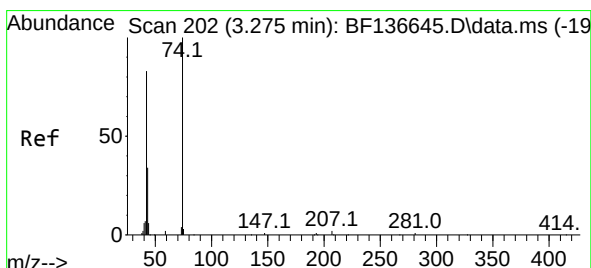
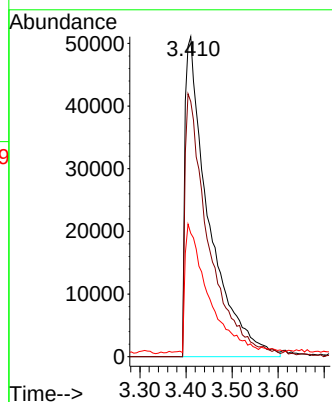
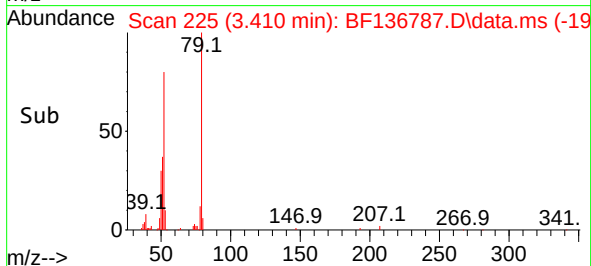
Instrument :
BNA_F
ClientSampleId :
PB157800BS



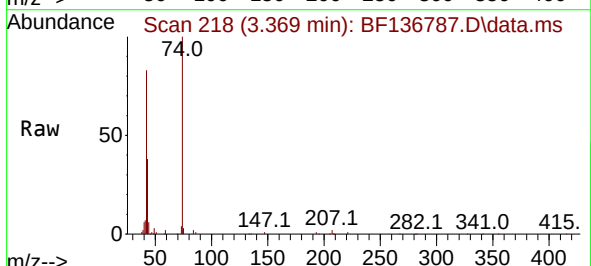
Tgt Ion: 79 Resp: 18151
Ion Ratio Lower Upper
79 100
52 79.7 67.7 101.5
51 38.6 34.0 51.0

Manual Integrations
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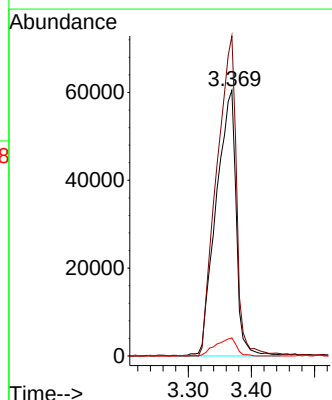
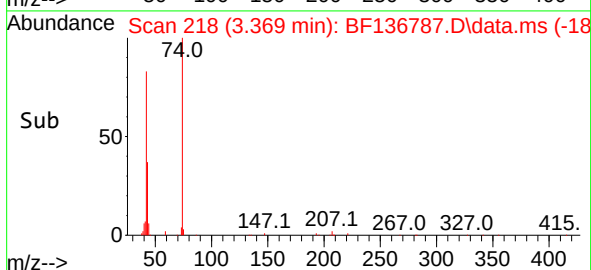
Reviewed By :Yogesh Patel 12/29/2023
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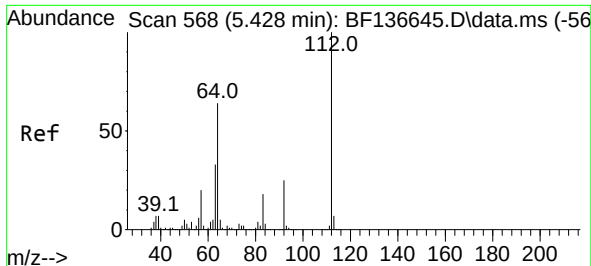


#4
n-Nitrosodimethylamine
Concen: 39.452 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



Tgt Ion: 42 Resp: 133357
Ion Ratio Lower Upper
42 100
74 120.5 96.0 144.0
44 6.8 5.4 8.2





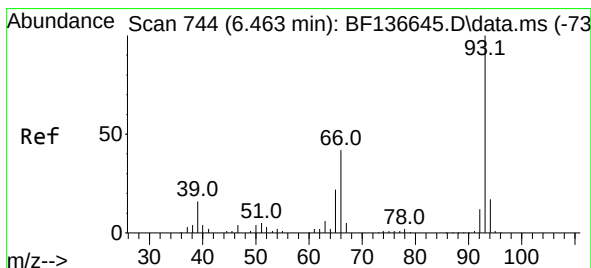
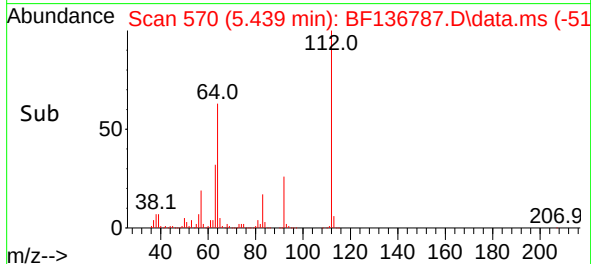
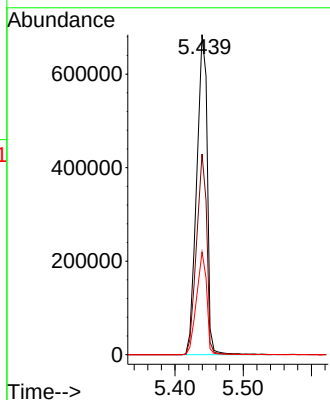
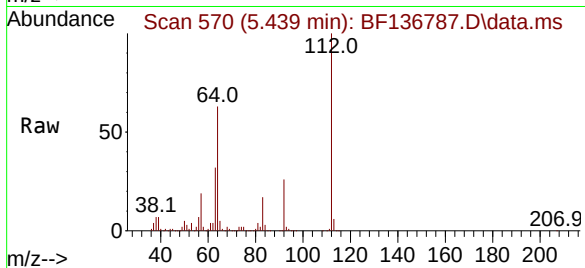
#5
2-Fluorophenol
Concen: 118.784 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

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Tgt Ion:112 Resp: 739598
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 32.1 26.1 39.1

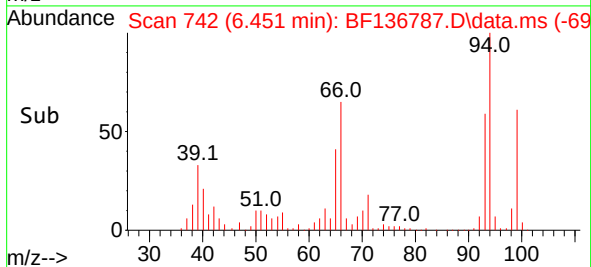
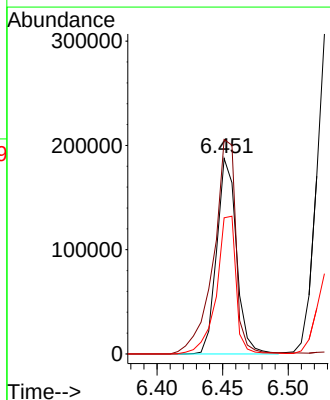
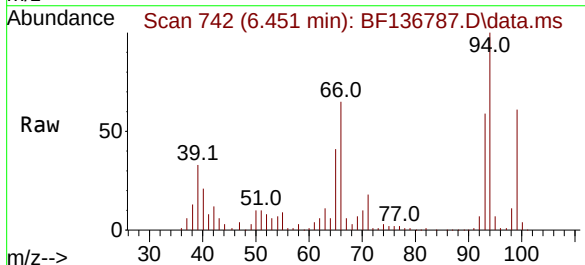
Manual Integrations
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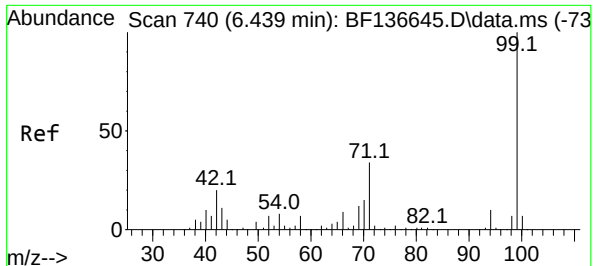
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#6
Aniline
Concen: 24.312 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion: 93 Resp: 196110
Ion Ratio Lower Upper
93 100
66 109.7 34.6 51.8#
65 69.6 17.8 26.8#





#7

Phenol-d6

Concen: 110.661 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

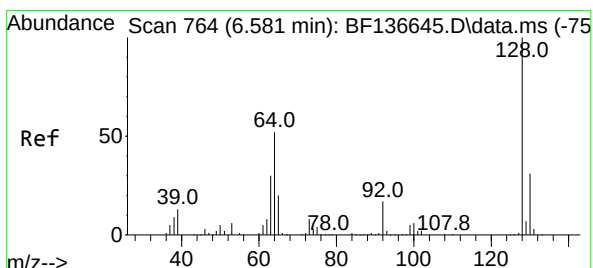
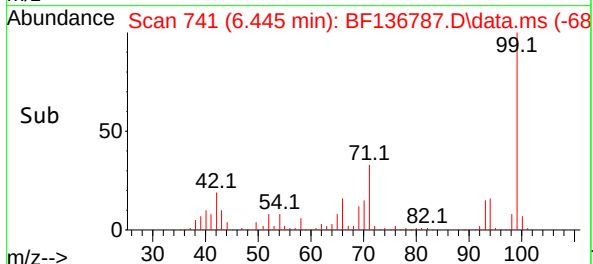
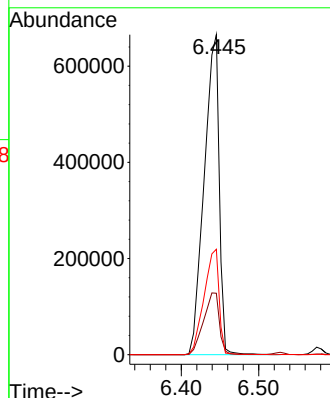
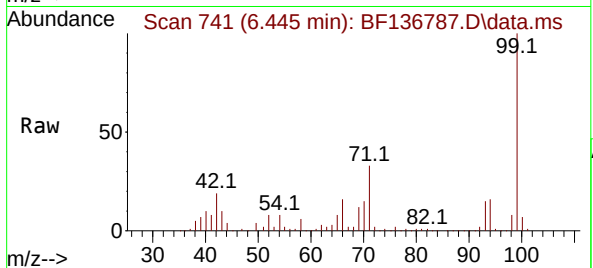
Tgt Ion:	99	Resp:	89280
Ion Ratio	Lower	Upper	
99	100		
42	19.2	16.1	24.1
71	33.0	27.4	41.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.365 ng

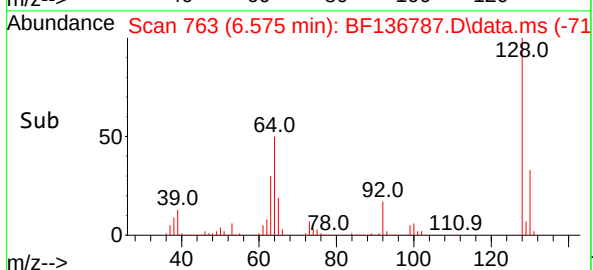
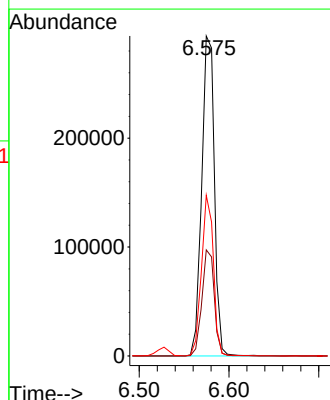
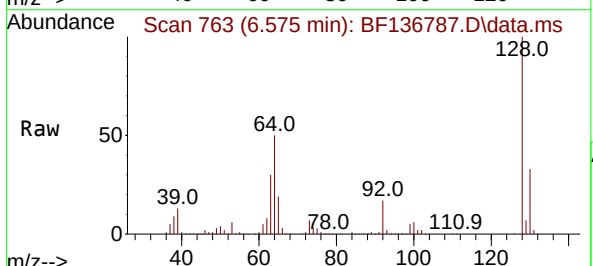
RT: 6.575 min Scan# 763

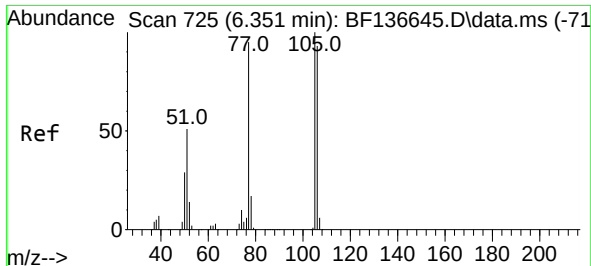
Delta R.T. -0.006 min

Lab File: BF136787.D

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Tgt Ion:	128	Resp:	288665
Ion Ratio	Lower	Upper	
128	100		
130	33.1	11.3	51.3
64	50.2	32.5	72.5





#9

Benzaldehyde

Concen: 13.479 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

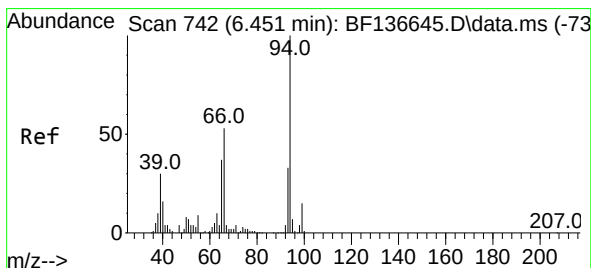
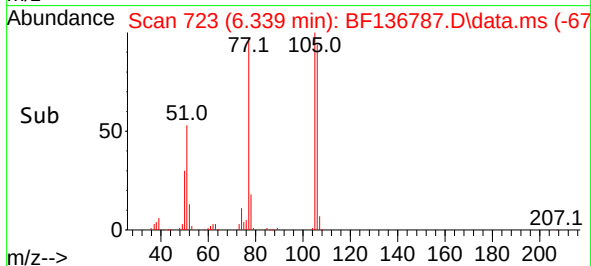
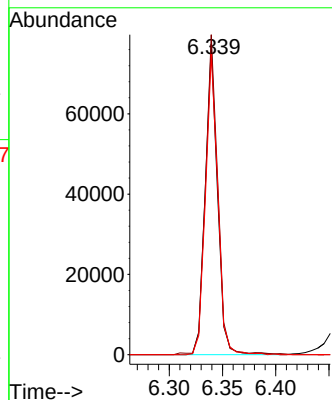
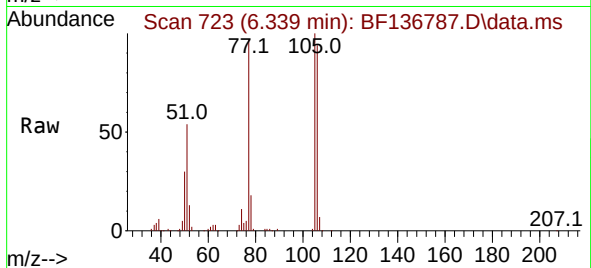
Tgt Ion: 77	Resp: 61854
Ion Ratio	Lower Upper
77 100	
105 103.0	84.8 124.8
106 96.7	77.8 117.8

Manual Integrations

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#10

Phenol

Concen: 39.259 ng

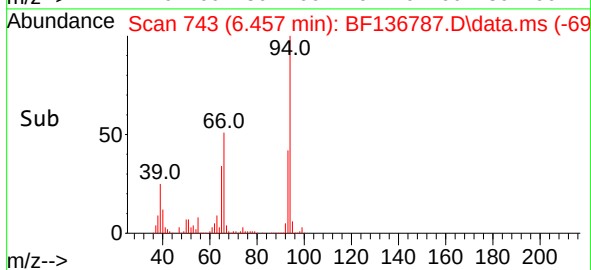
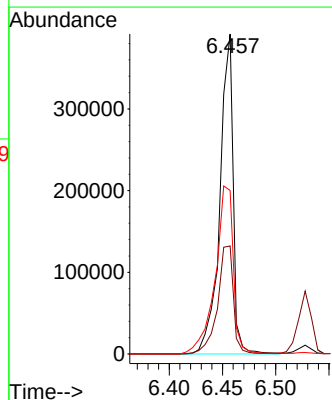
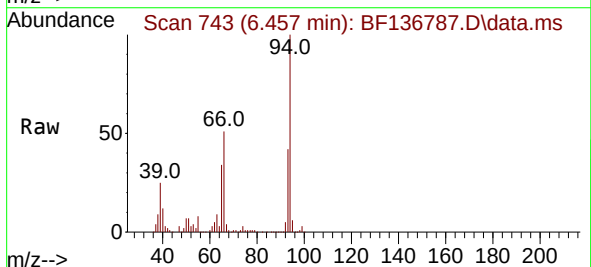
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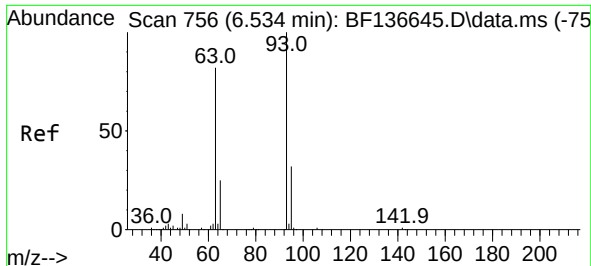
Delta R.T. 0.006 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Tgt Ion: 94	Resp: 338123
Ion Ratio	Lower Upper
94 100	
65 33.7	16.6 56.6
66 51.1	32.6 72.6





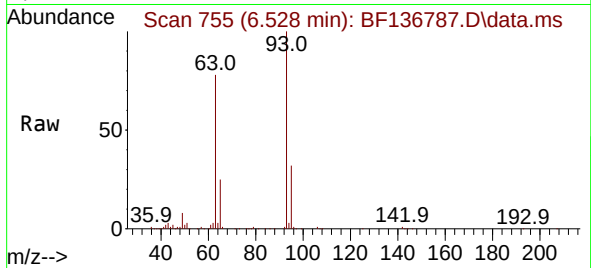
#11
bis(2-Chloroethyl)ether
Concen: 40.534 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

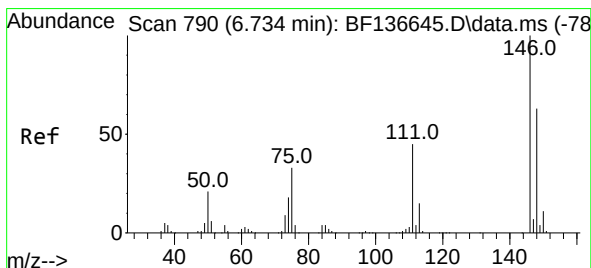
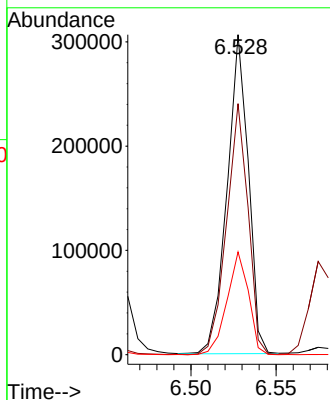
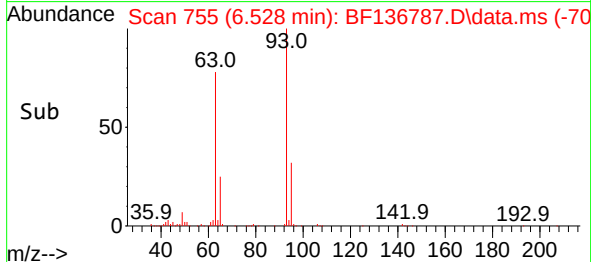
PB157800BS



Tgt Ion: 93 Resp: 265488
Ion Ratio Lower Upper
93 100
63 78.5 61.2 101.2
95 32.1 11.6 51.6

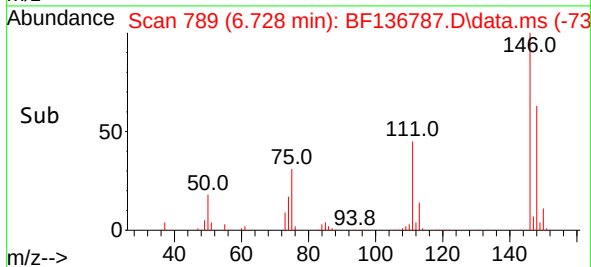
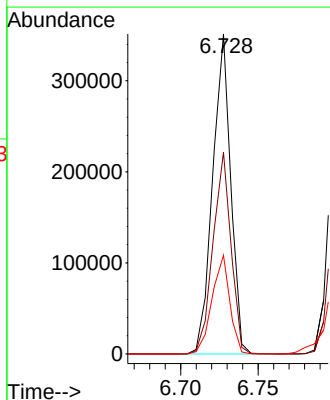
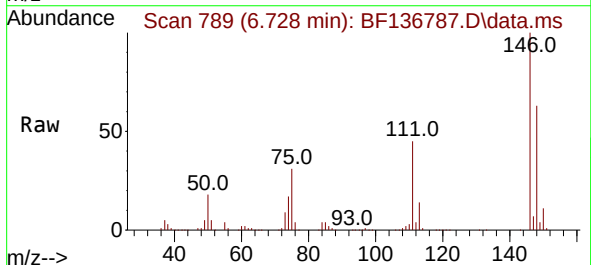
Manual Integrations
APPROVED

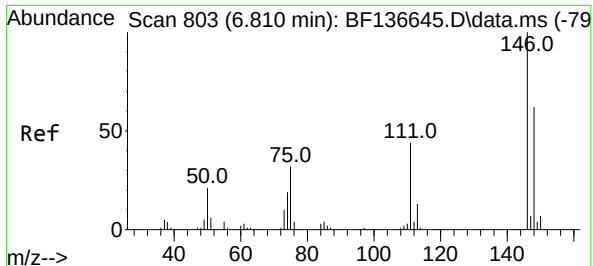
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#12
1,3-Dichlorobenzene
Concen: 38.276 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:146 Resp: 284510
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 30.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.254 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

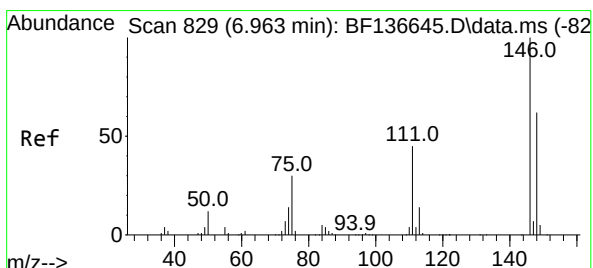
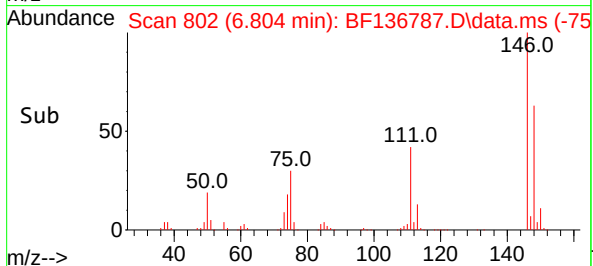
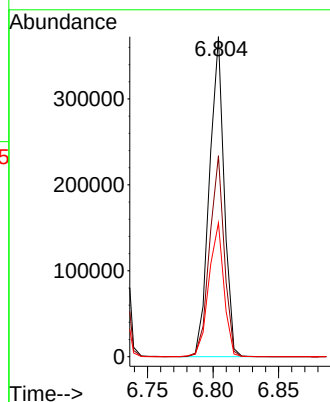
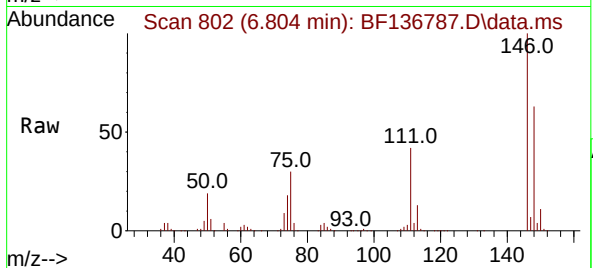
PB157800BS

Tgt Ion:146 Resp: 290537
 Ion Ratio Lower Upper
 146 100
 148 62.8 49.2 73.8
 111 41.8 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023



#14

1,2-Dichlorobenzene

Concen: 39.308 ng

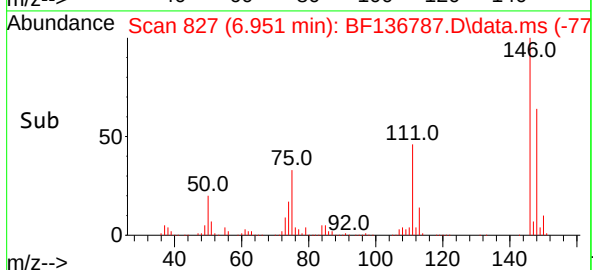
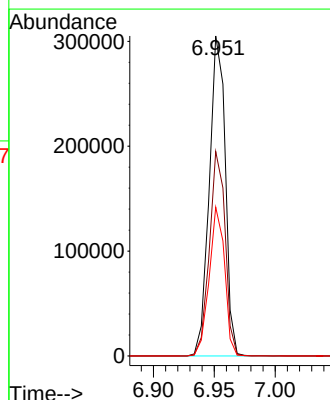
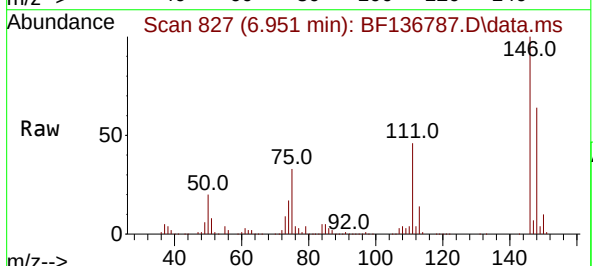
RT: 6.951 min Scan# 827

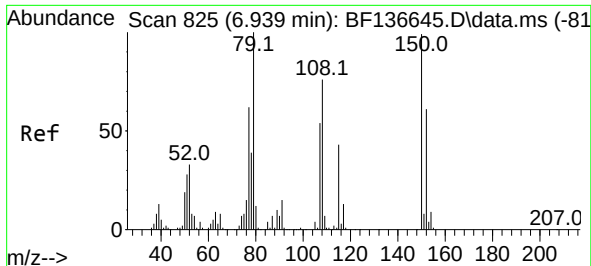
Delta R.T. -0.012 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

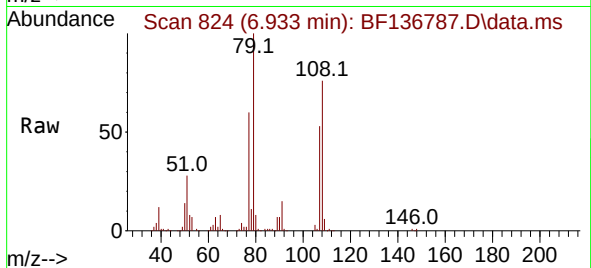
Tgt Ion:146 Resp: 277800
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.6 74.4
 111 46.5 36.2 54.2





#15
Benzyl Alcohol
Concen: 43.364 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

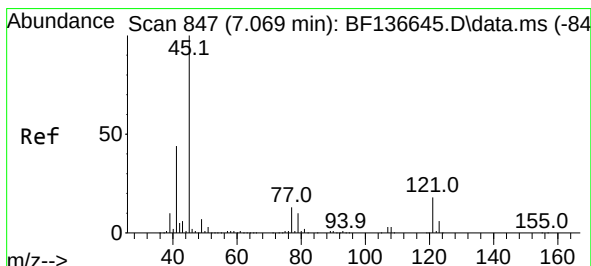
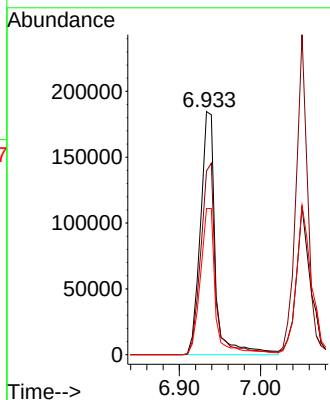
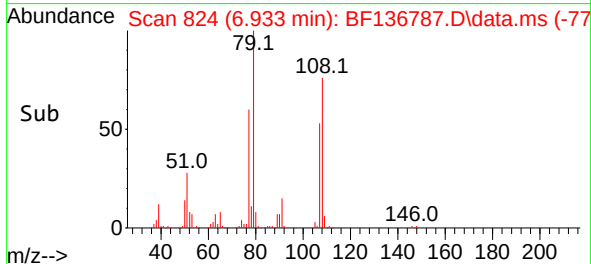
Instrument :
BNA_F
ClientSampleId :
PB157800BS



Tgt Ion: 79 Resp: 236020
Ion Ratio Lower Upper
79 100
108 75.6 61.0 91.6
77 60.1 49.8 74.8

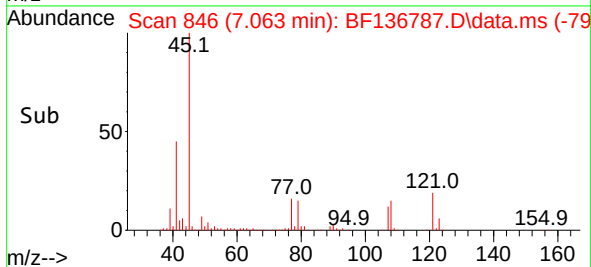
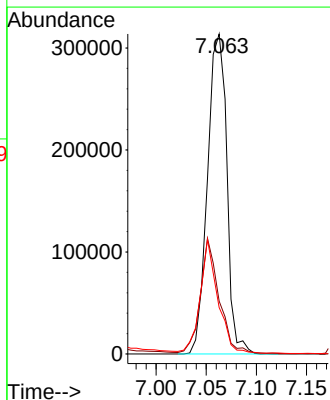
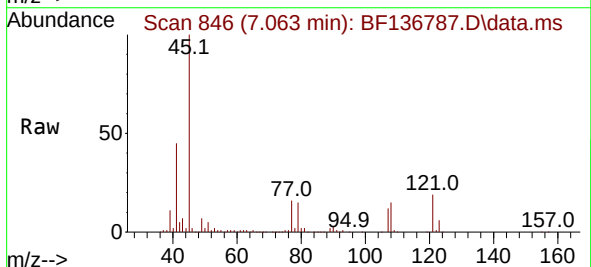
Manual Integrations
APPROVED

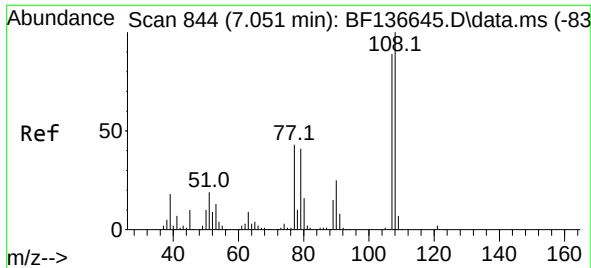
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.303 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

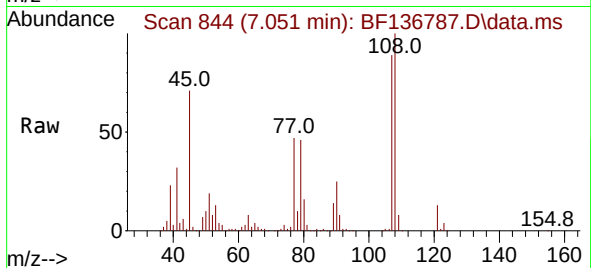
Tgt Ion: 45 Resp: 420874
Ion Ratio Lower Upper
45 100
77 16.5 0.0 34.3
79 14.5 0.0 31.4





#17
2-Methylphenol
Concen: 38.698 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

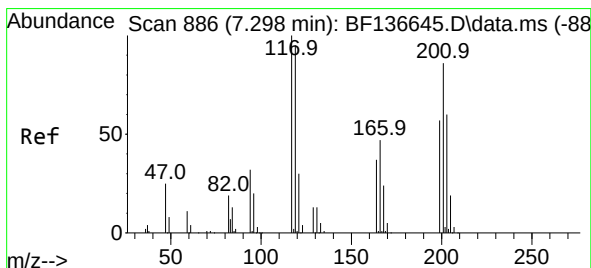
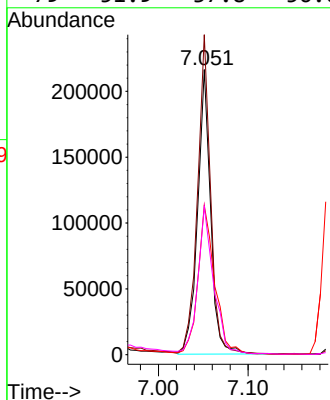
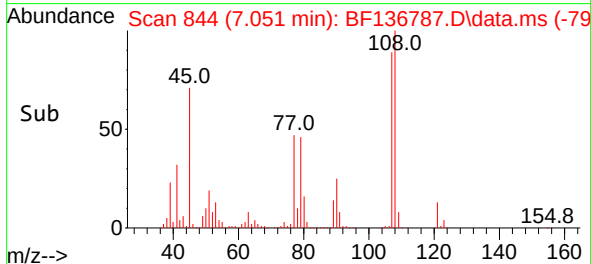
Instrument :
BNA_F
ClientSampleId :
PB157800BS



Tgt Ion:107 Resp: 218440
Ion Ratio Lower Upper
107 100
108 112.2 90.3 135.5
77 52.4 38.7 58.1
79 51.9 37.8 56.6

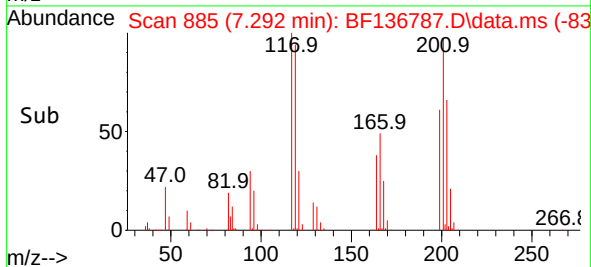
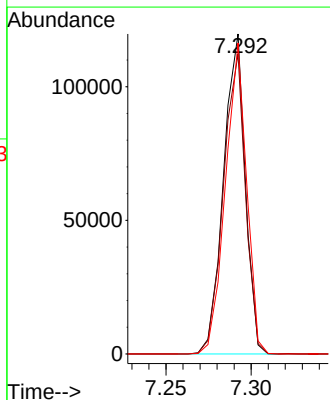
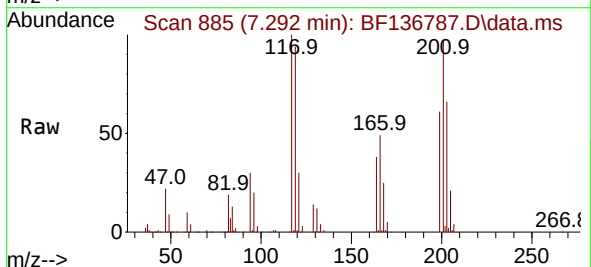
Manual Integrations
APPROVED

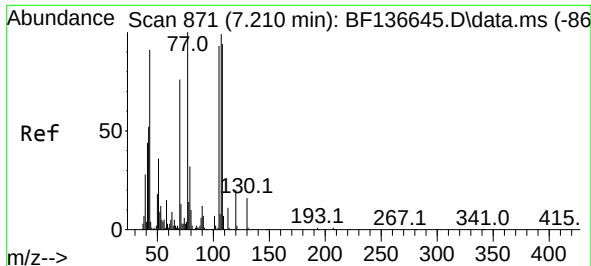
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#18
Hexachloroethane
Concen: 38.495 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

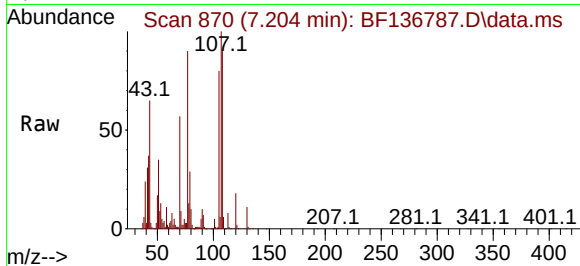
Tgt Ion:117 Resp: 106179
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.6
201 97.2 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.696 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

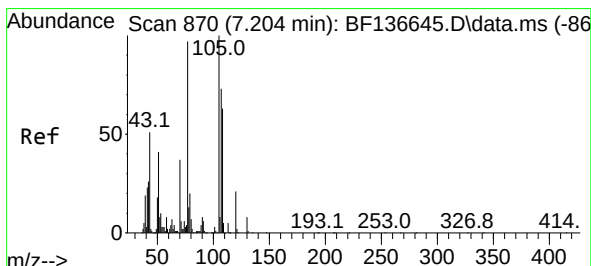
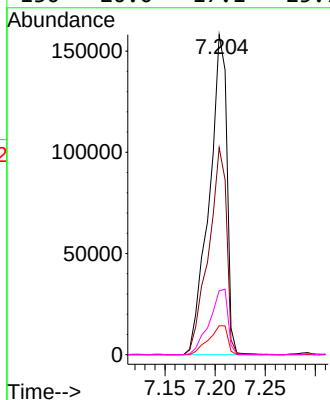
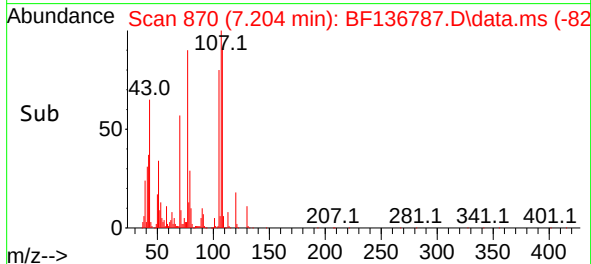
Instrument :
BNA_F
ClientSampleId :
PB157800BS



Tgt Ion: 70 Resp: 19414
Ion Ratio Lower Upper
70 100
42 64.7 54.2 81.4
101 9.1 7.6 11.4
130 20.0 17.1 25.7

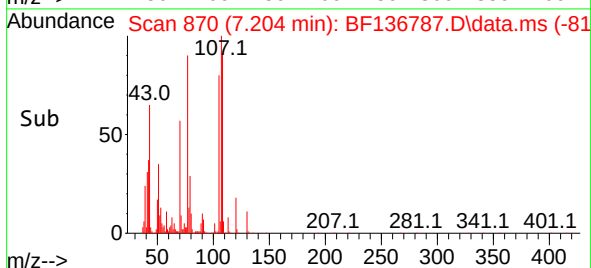
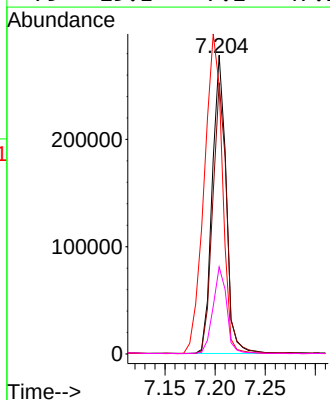
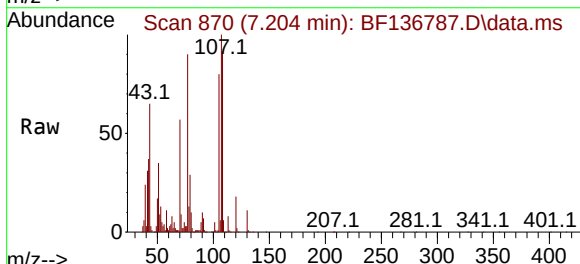
Manual Integrations
APPROVED

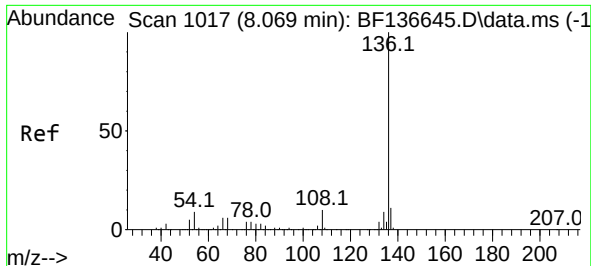
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#20
3+4-Methylphenols
Concen: 38.072 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:107 Resp: 268483
Ion Ratio Lower Upper
107 100
108 90.8 66.0 106.0
77 89.9 114.2 154.2#
79 29.1 7.2 47.2





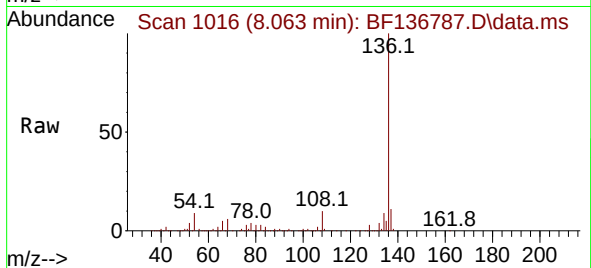
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

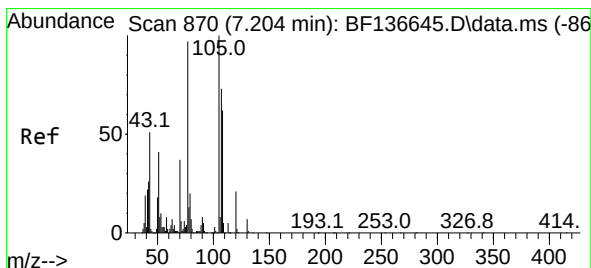
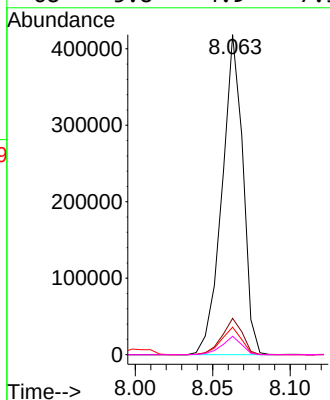
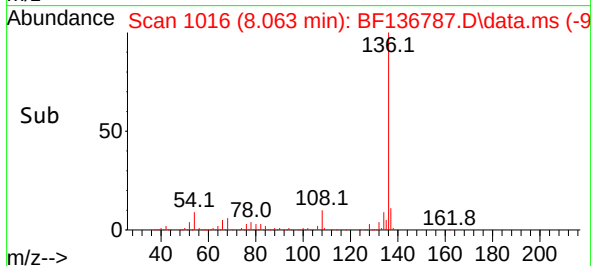


Tgt Ion:136 Resp: 392718
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 8.6 7.2 10.8
68 5.8 4.9 7.3

Manual Integrations

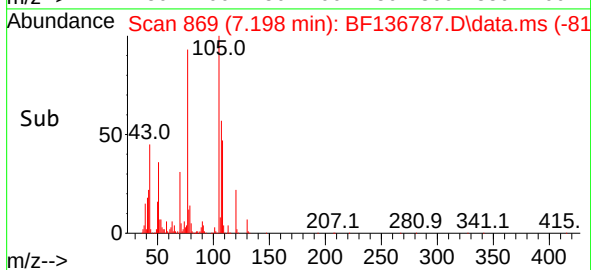
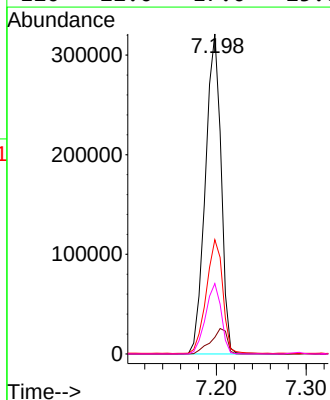
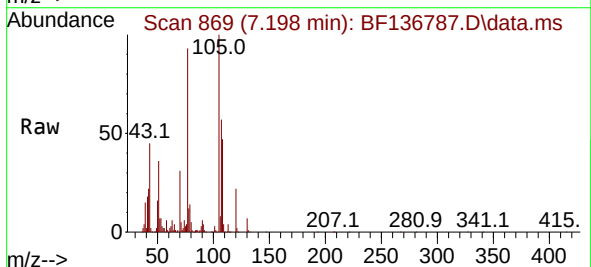
APPROVED

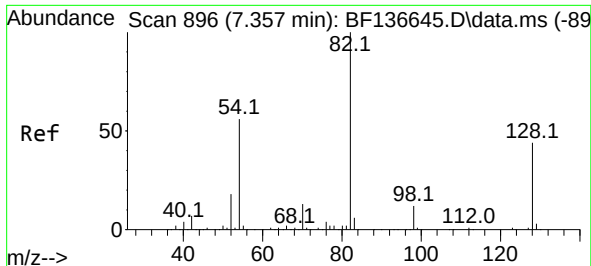
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#22
Acetophenone
Concen: 39.584 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:105 Resp: 389647
Ion Ratio Lower Upper
105 100
71 5.2 4.8 7.2
51 35.7 32.8 49.2
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 73.479 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

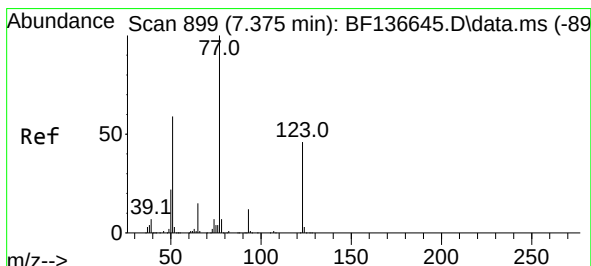
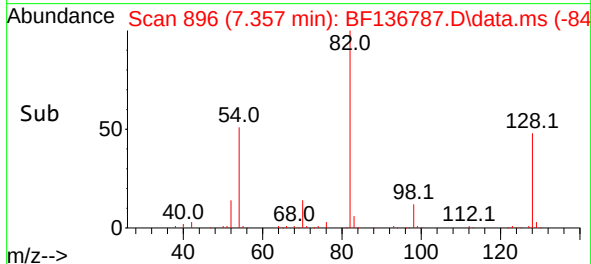
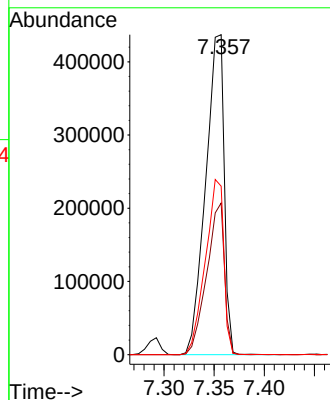
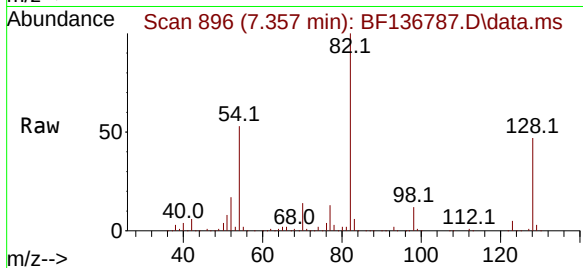
Tgt Ion: 82 Resp: 563920

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.3	52.9
54	52.7	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#24

Nitrobenzene

Concen: 37.719 ng

RT: 7.375 min Scan# 899

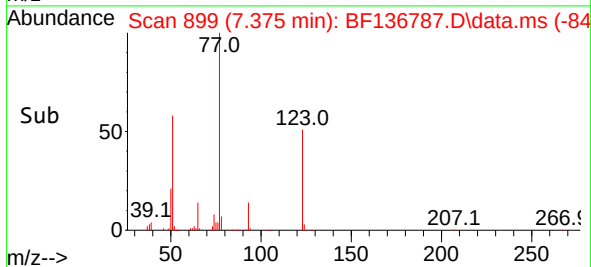
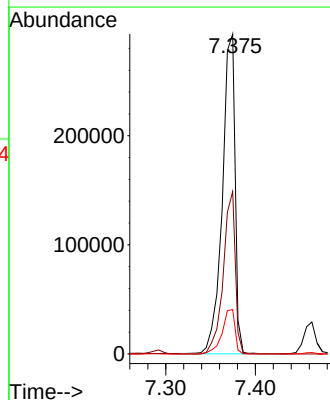
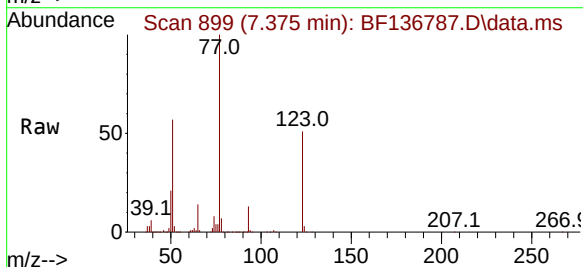
Delta R.T. -0.000 min

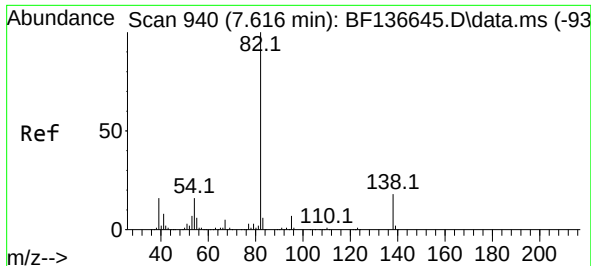
Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Tgt Ion: 77 Resp: 289985

Ion	Ratio	Lower	Upper
77	100		
123	50.8	36.7	55.1
65	13.8	11.8	17.6





#25
Isophorone
Concen: 38.140 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

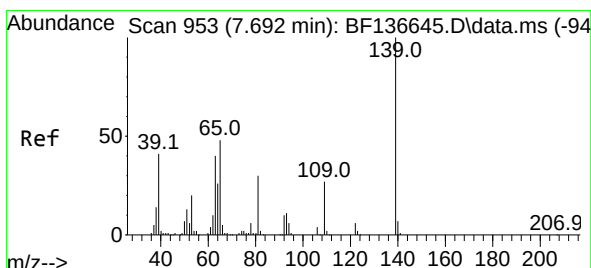
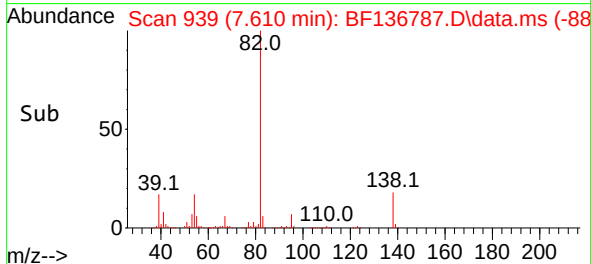
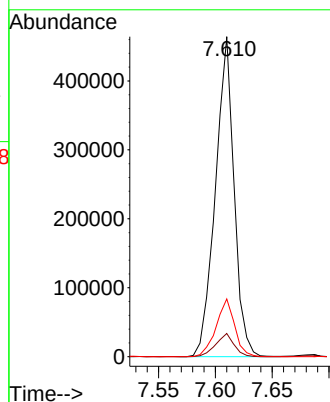
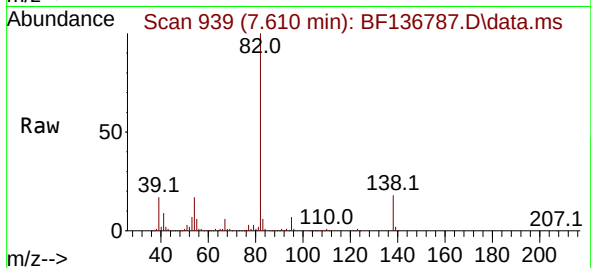
PB157800BS

Tgt Ion: 82 Resp: 532610
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.0 14.5 21.7

Manual Integrations

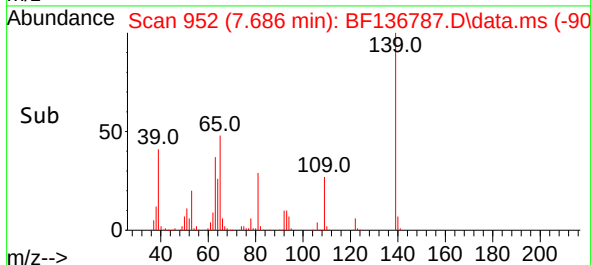
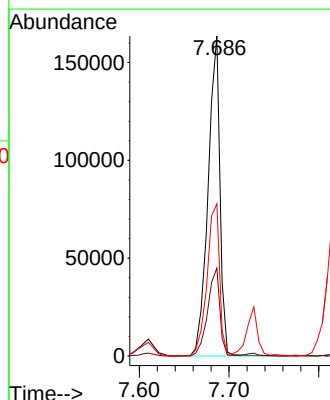
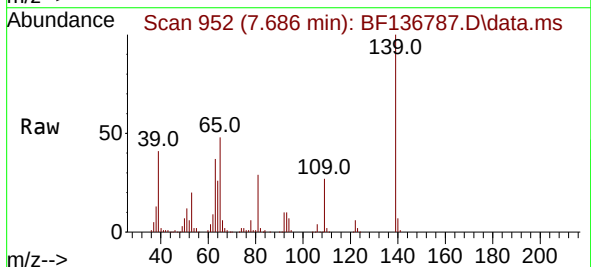
APPROVED

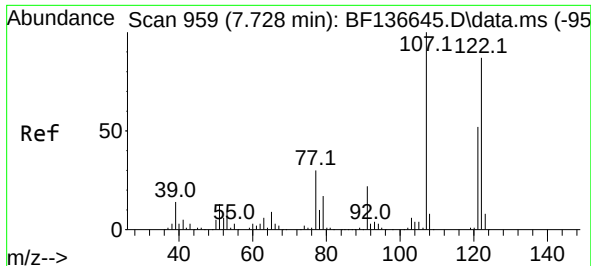
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#26
2-Nitrophenol
Concen: 40.855 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:139 Resp: 150274
Ion Ratio Lower Upper
139 100
109 27.5 21.9 32.9
65 47.6 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 50.275 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF136787.D

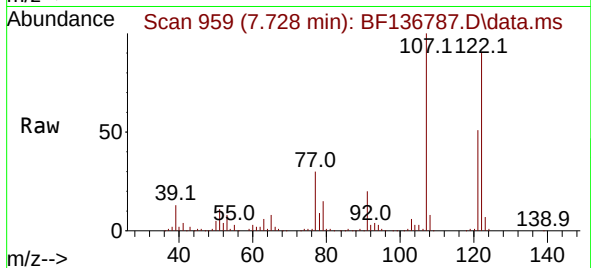
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS



Tgt Ion:122 Resp: 225130

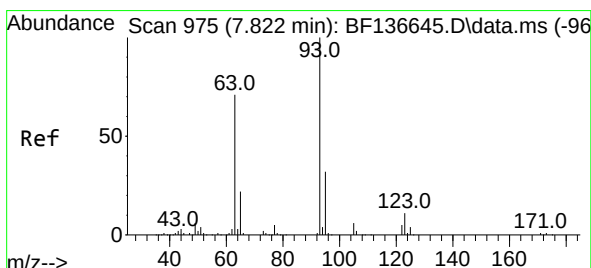
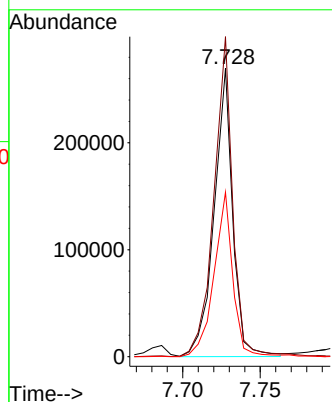
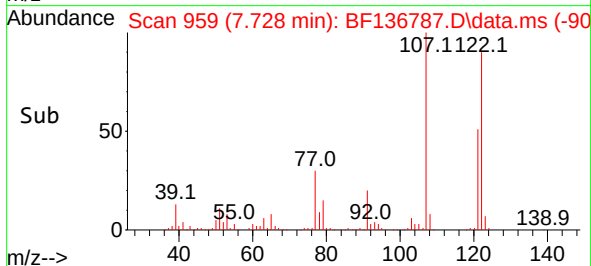
Ion	Ratio	Lower	Upper
122	100		
107	111.0	92.0	138.0
121	57.1	47.5	71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.815 ng

RT: 7.816 min Scan# 974

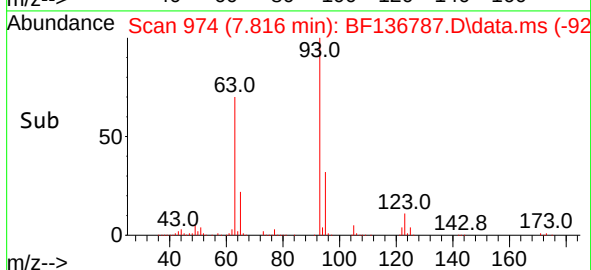
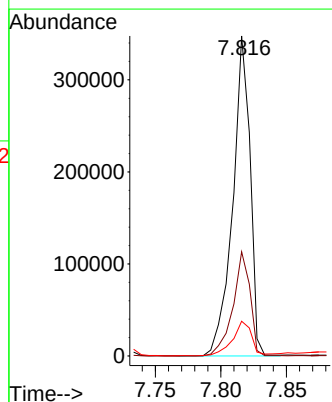
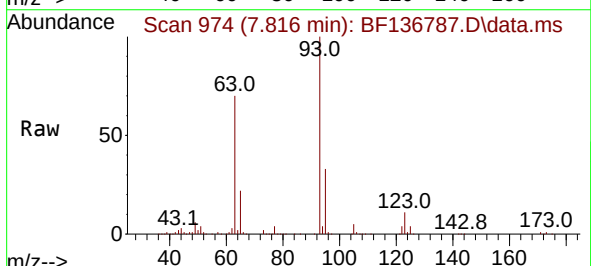
Delta R.T. -0.006 min

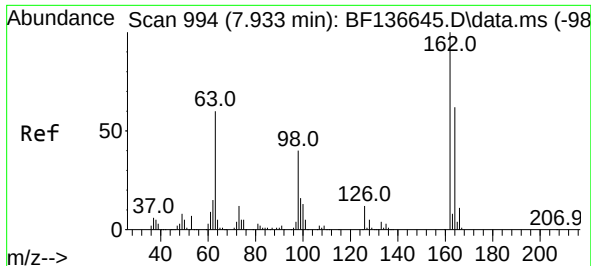
Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Tgt Ion: 93 Resp: 320988

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.5	38.3
123	10.8	9.2	13.8





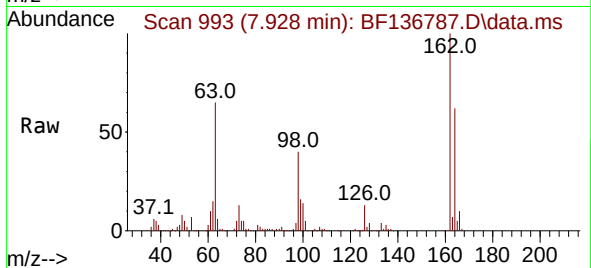
#29
2,4-Dichlorophenol
Concen: 38.323 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

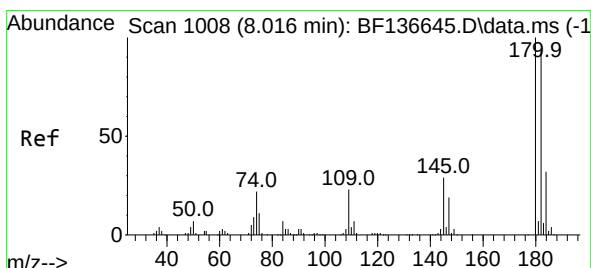
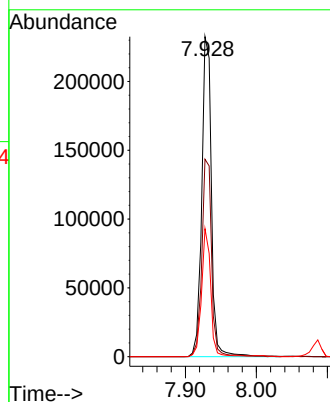
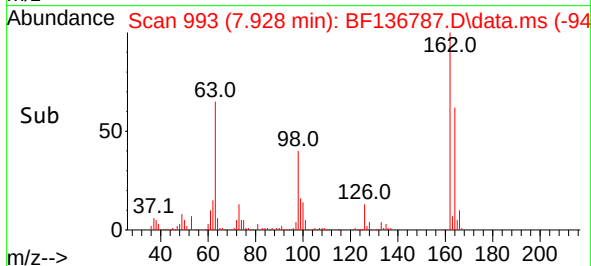


Tgt Ion:162 Resp: 220930
Ion Ratio Lower Upper
162 100
164 61.7 41.7 81.7
98 40.0 19.5 59.5

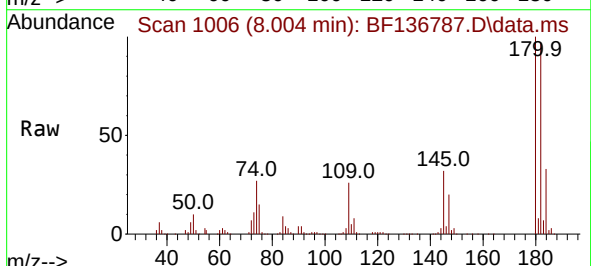
Manual Integrations

APPROVED

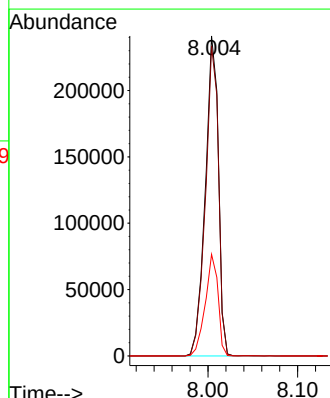
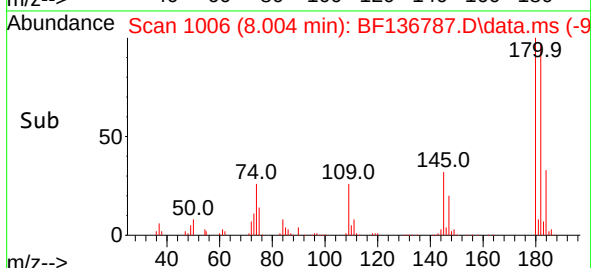
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

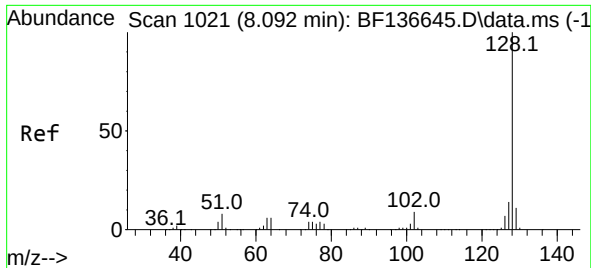


#30
1,2,4-Trichlorobenzene
Concen: 38.139 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



Tgt Ion:180 Resp: 244985
Ion Ratio Lower Upper
180 100
182 96.9 75.4 113.0
145 31.7 23.1 34.7





#31
Naphthalene
Concen: 38.144 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

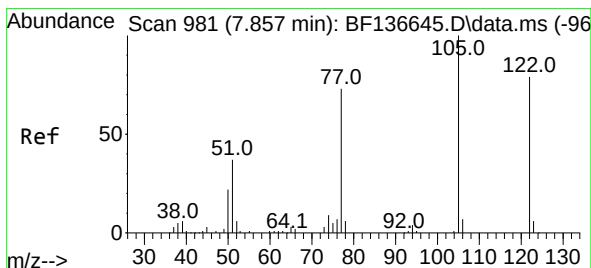
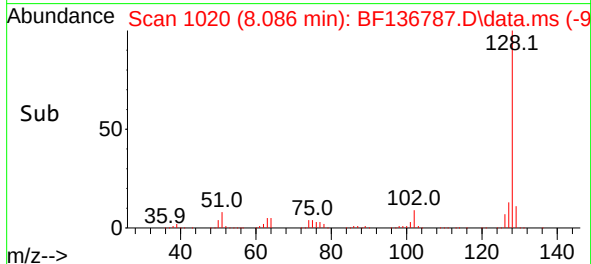
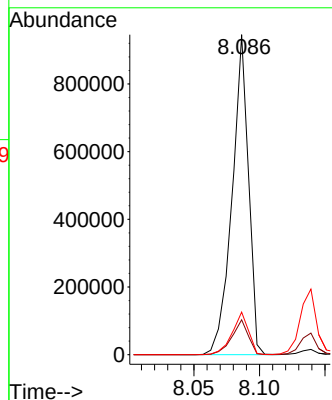
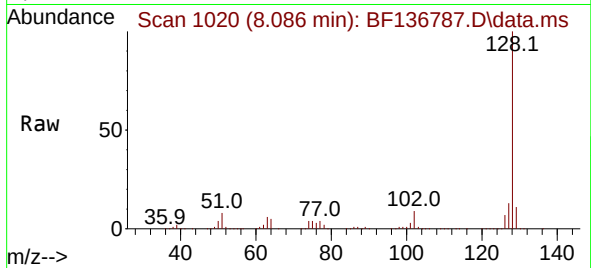
PB157800BS

Tgt Ion:128 Resp: 822960
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.8 16.2

Manual Integrations

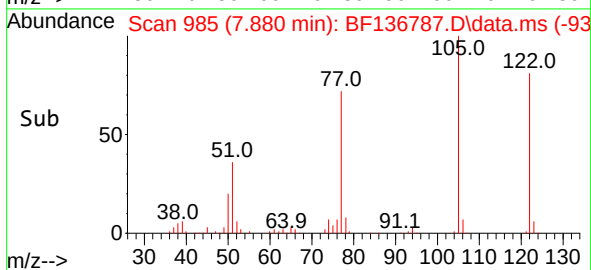
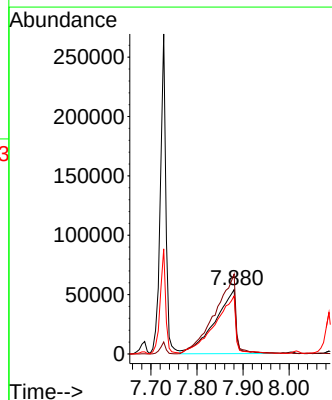
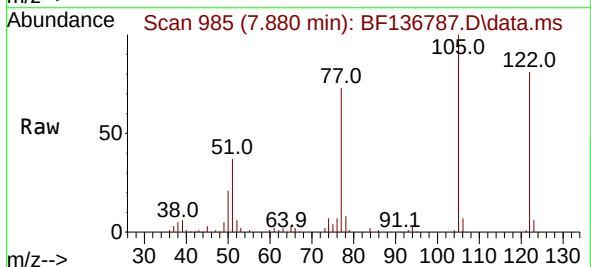
APPROVED

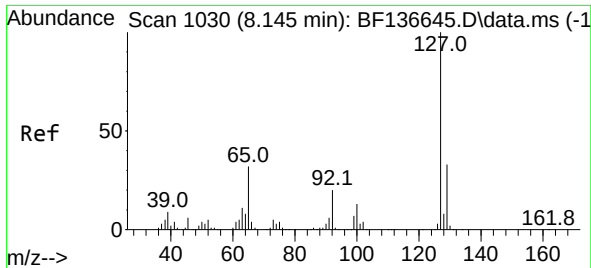
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#32
Benzoic acid
Concen: 39.938 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:122 Resp: 173045
Ion Ratio Lower Upper
122 100
105 124.1 100.8 140.8
77 90.2 70.9 110.9





#33
4-Chloroaniline
Concen: 22.266 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

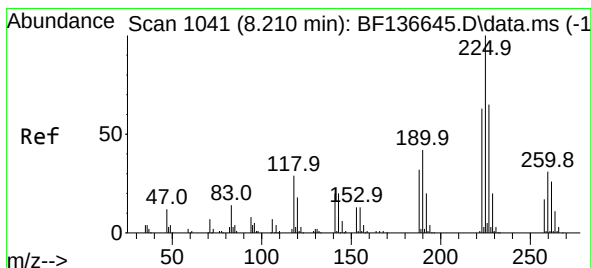
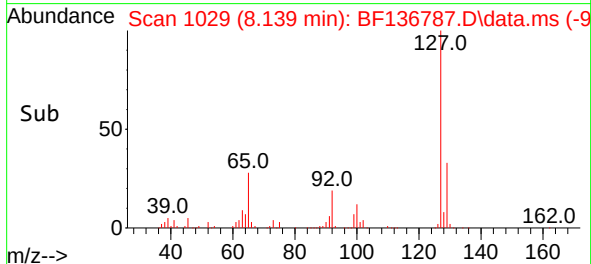
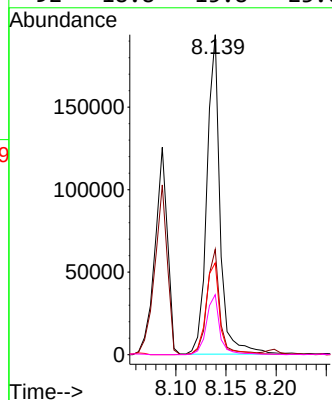
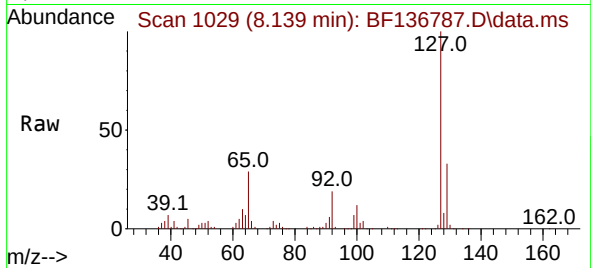
ClientSampleId :

PB157800BS

Tgt Ion:127 Resp: 17737
Ion Ratio Lower Upper
127 100
129 32.9 26.3 39.5
65 28.7 25.8 38.8
92 18.8 15.8 23.6

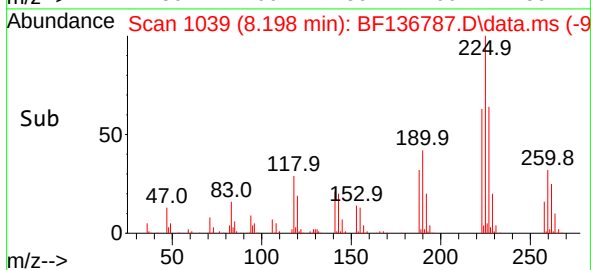
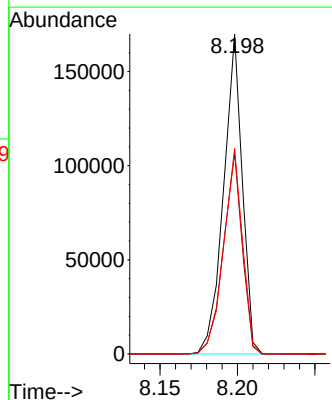
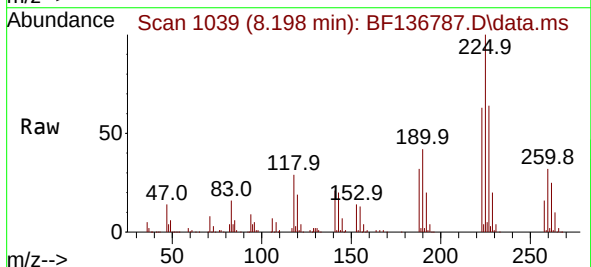
Manual Integrations
APPROVED

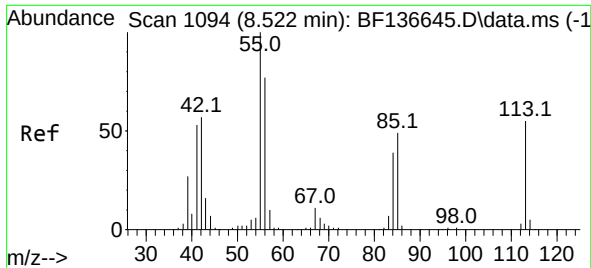
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#34
Hexachlorobutadiene
Concen: 36.516 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:225 Resp: 142509
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 64.2 51.9 77.9





#35
 Caprolactam
 Concen: 37.386 ng m
 RT: 8.522 min Scan# 1094
 Delta R.T. -0.000 min
 Lab File: BF136787.D
 Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

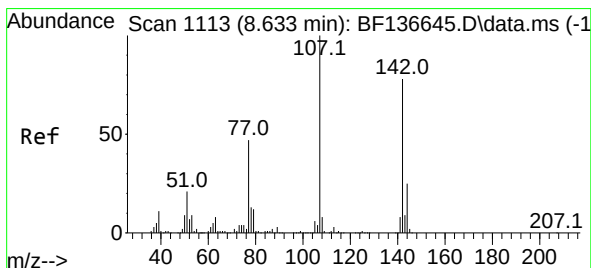
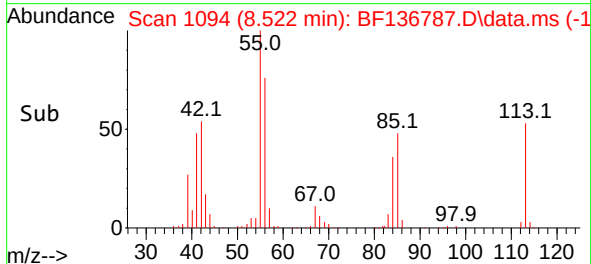
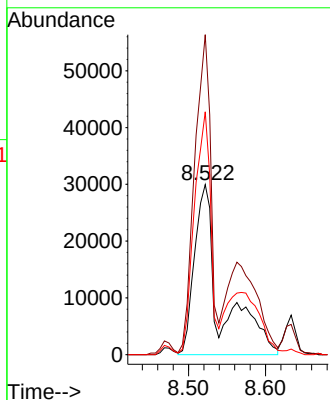
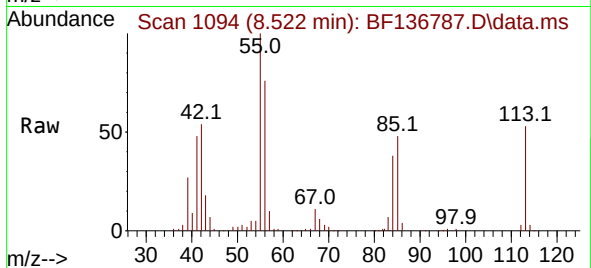
ClientSampleId :

PB157800BS

Tgt Ion:113 Resp: 7110
 Ion Ratio Lower Upper
 113 100
 55 188.1 163.1 203.1
 56 142.8 121.7 161.7

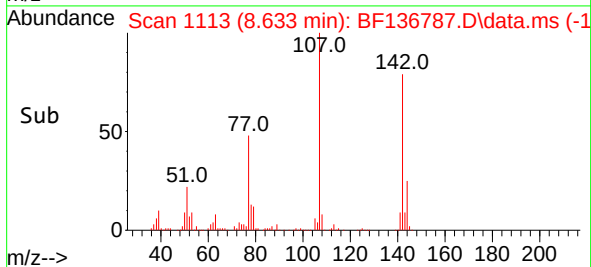
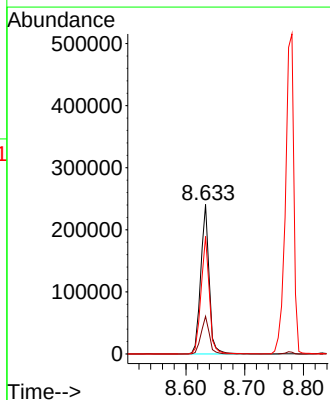
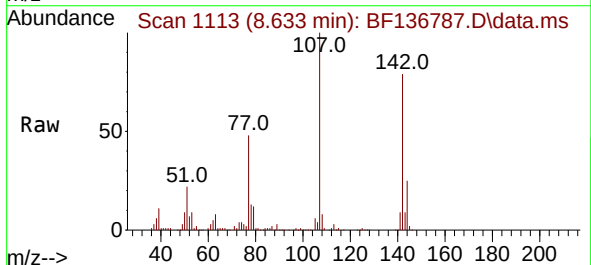
Manual Integrations
 APPROVED

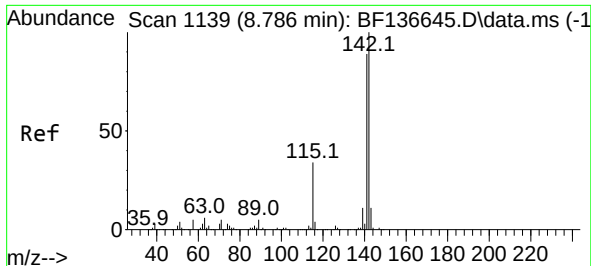
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023



#36
 4-Chloro-3-methylphenol
 Concen: 36.945 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136787.D
 Acq: 28 Dec 2023 11:08

Tgt Ion:107 Resp: 239781
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 78.6 62.3 93.5





#37
2-Methylnaphthalene
Concen: 36.729 ng
RT: 8.780 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

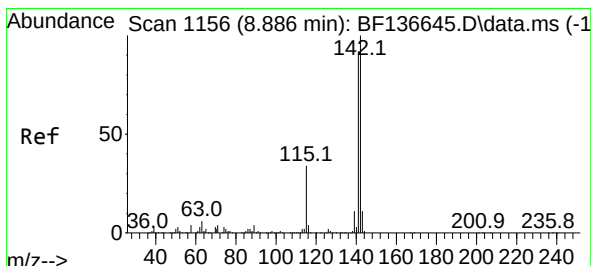
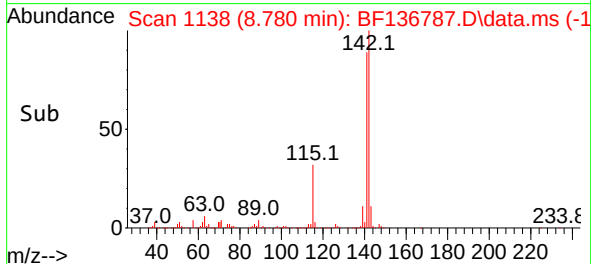
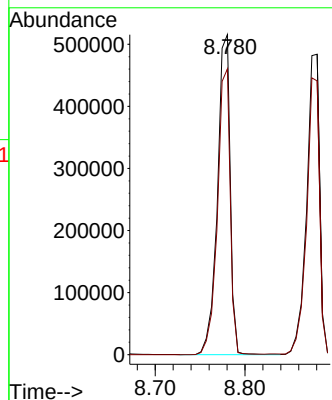
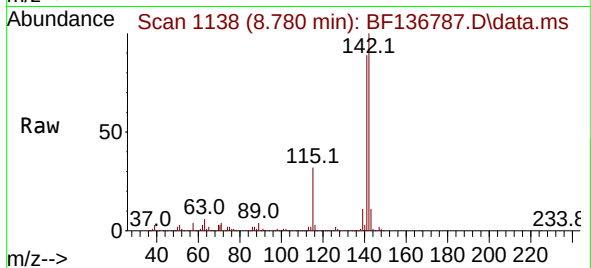
PB157800BS

Tgt Ion:142 Resp: 50998
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7

Manual Integrations

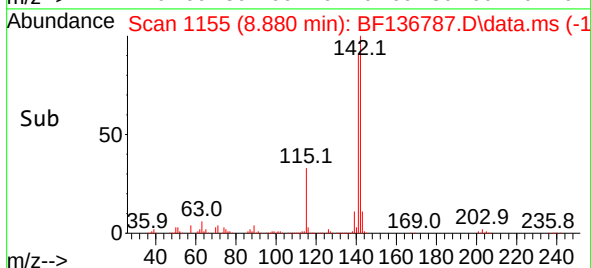
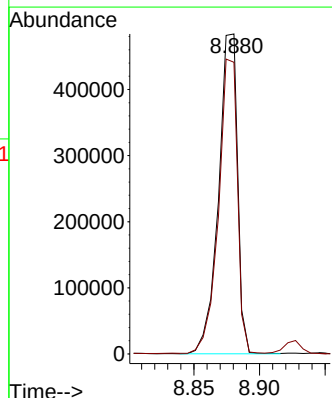
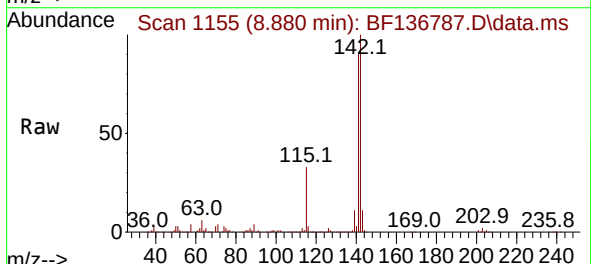
APPROVED

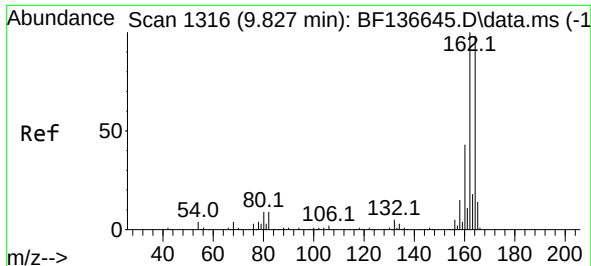
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#38
1-Methylnaphthalene
Concen: 35.796 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:142 Resp: 487631
Ion Ratio Lower Upper
142 100
141 91.2 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: BF136787.D

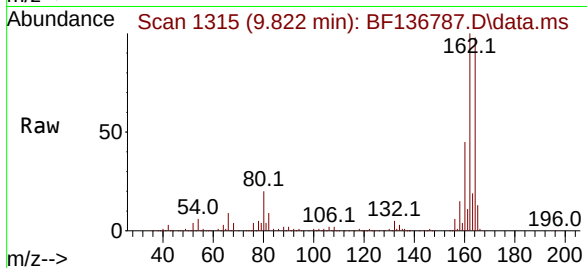
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS



Tgt Ion:164 Resp: 192830

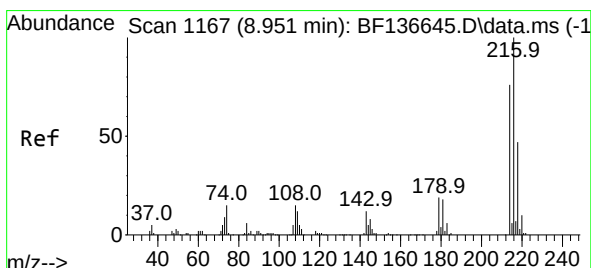
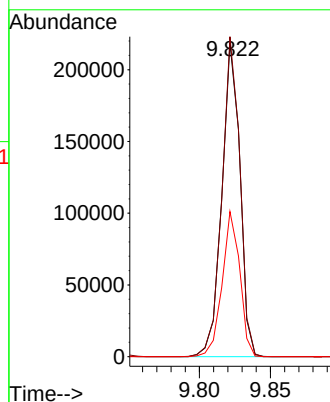
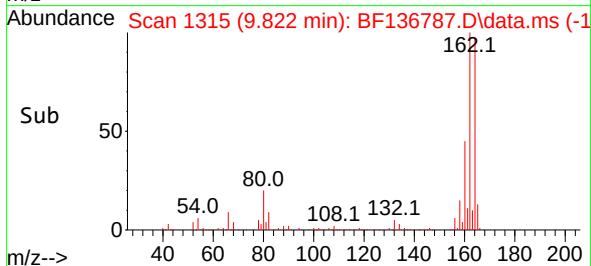
Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	46.2	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#40

1,2,4,5-Tetrachlorobenzene

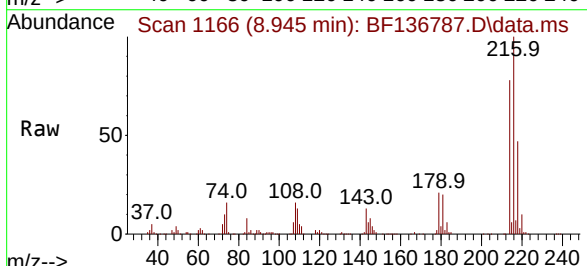
Concen: 41.178 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

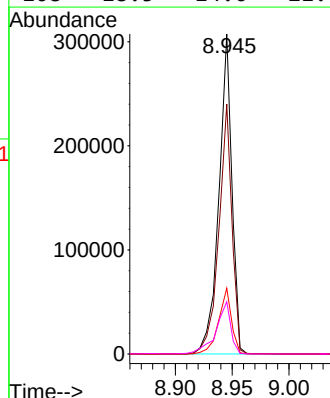
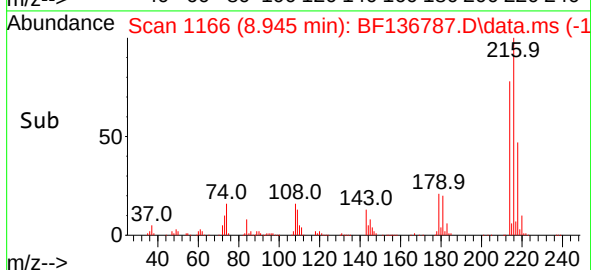
Lab File: BF136787.D

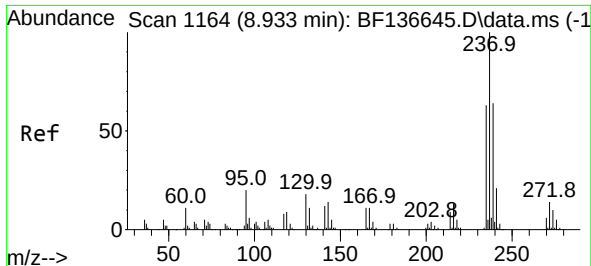
Acq: 28 Dec 2023 11:08



Tgt Ion:216 Resp: 245909

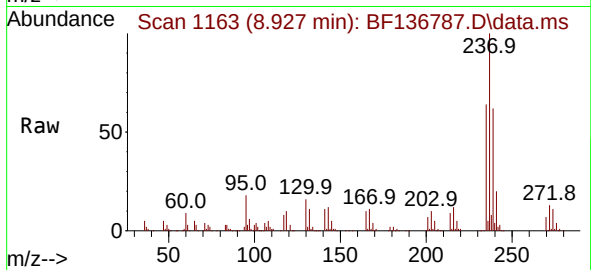
Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.3	93.5
179	20.4	16.4	24.6
108	18.5	14.0	21.0





#41
Hexachlorocyclopentadiene
Concen: 82.221 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

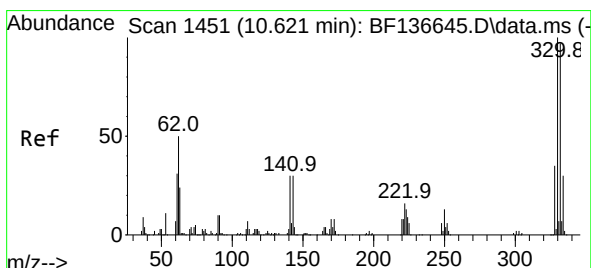
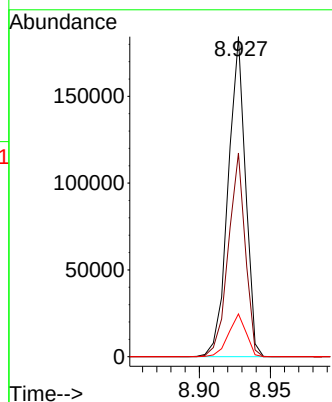
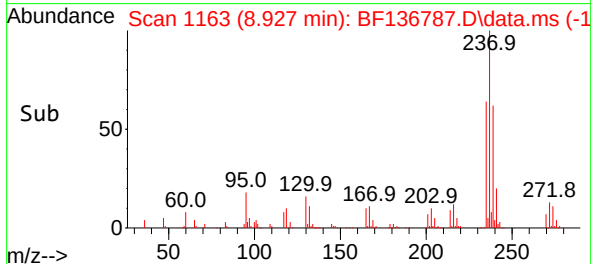
Instrument :
BNA_F
ClientSampleId :
PB157800BS



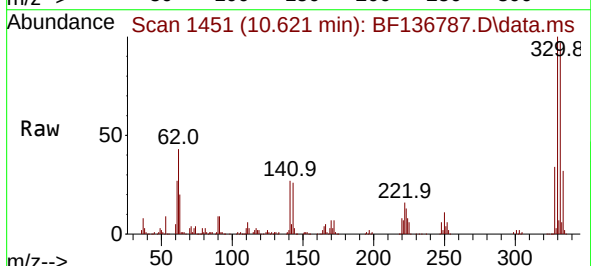
Tgt Ion:237 Resp: 15683
Ion Ratio Lower Upper
237 100
235 63.6 43.2 83.2
272 13.3 0.0 34.2

Manual Integrations
APPROVED

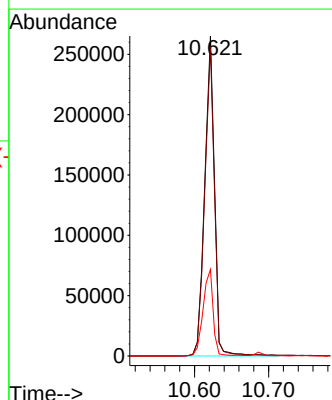
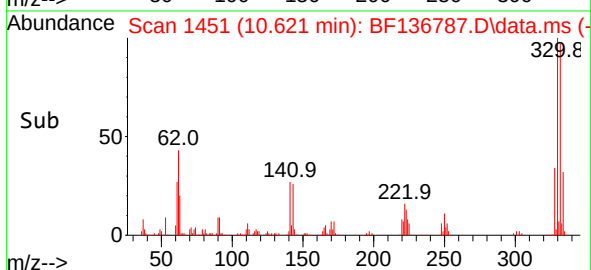
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

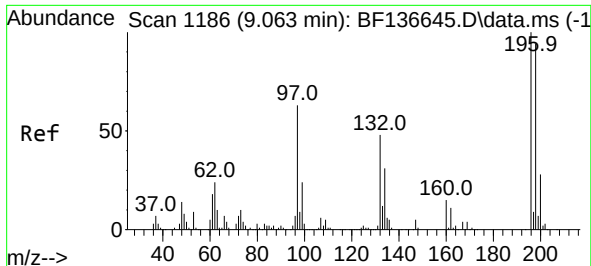


#42
2,4,6-Tribromophenol
Concen: 107.535 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



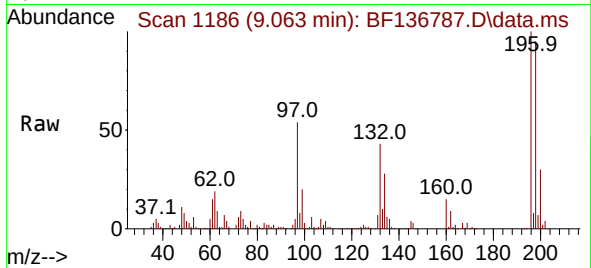
Tgt Ion:330 Resp: 244213
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 27.9 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.395 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

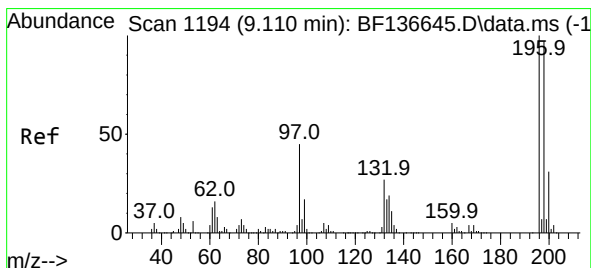
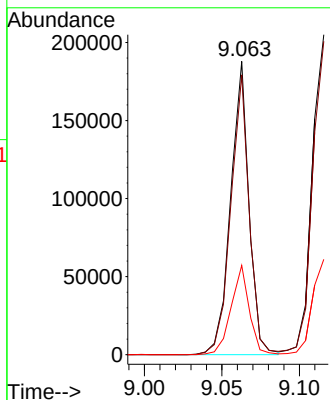
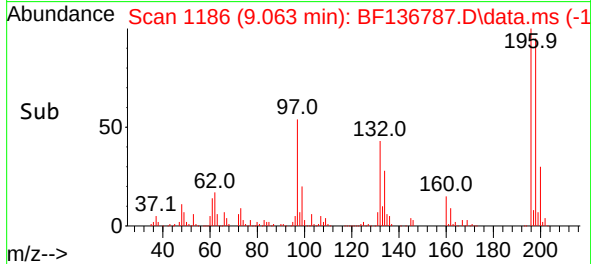
Instrument :
BNA_F
ClientSampleId :
PB157800BS



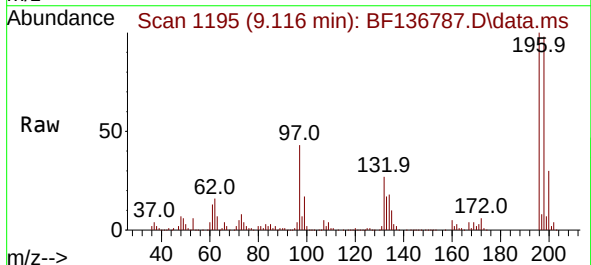
Tgt Ion:196 Resp: 154708
Ion Ratio Lower Upper
196 100
198 95.4 75.1 112.7
200 30.4 22.5 33.7

Manual Integrations
APPROVED

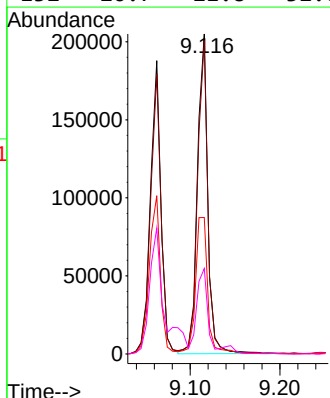
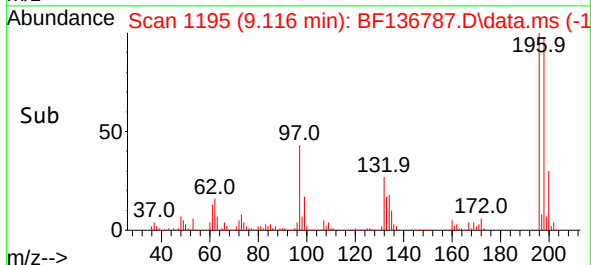
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

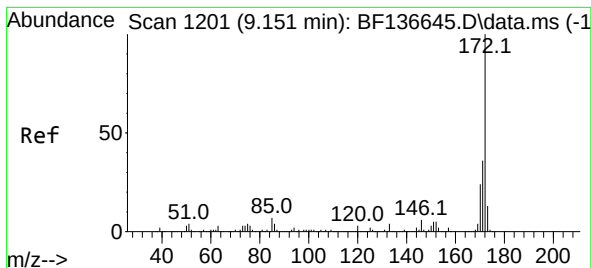


#44
2,4,5-Trichlorophenol
Concen: 38.785 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



Tgt Ion:196 Resp: 165527
Ion Ratio Lower Upper
196 100
198 98.0 77.0 115.6
97 42.6 36.1 54.1
132 26.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 72.368 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

Tgt Ion:172 Resp: 103754

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

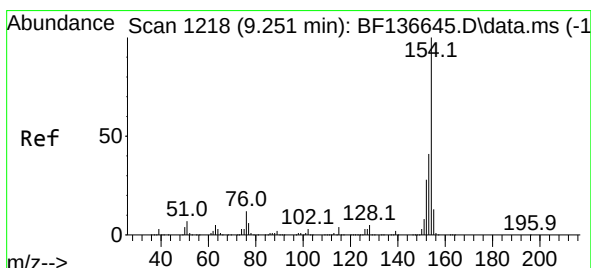
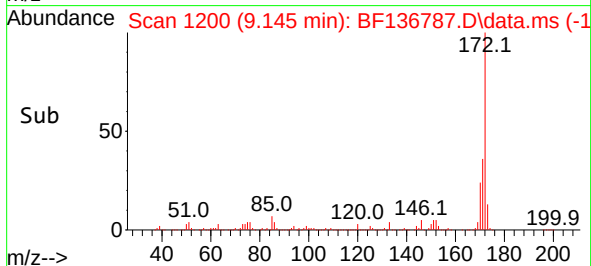
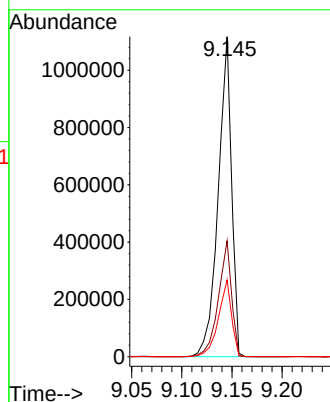
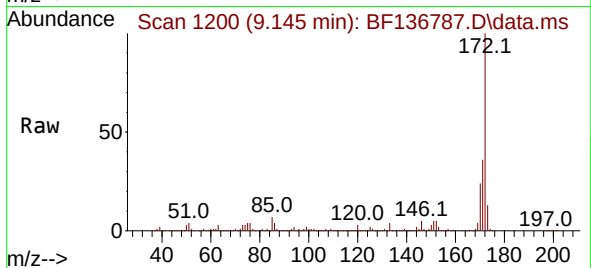
170 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#46

1,1'-Biphenyl

Concen: 39.085 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

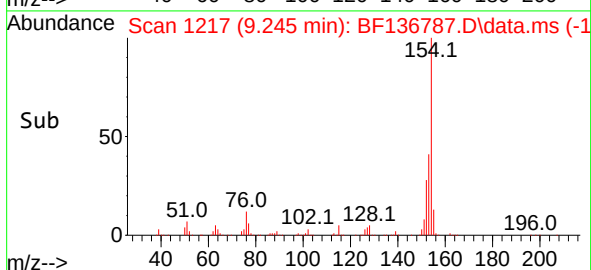
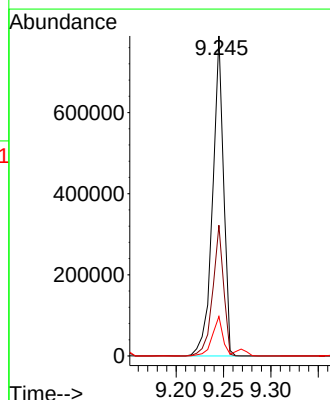
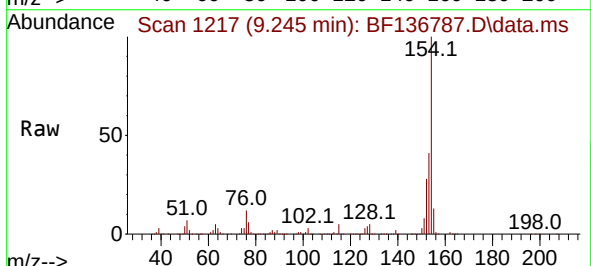
Tgt Ion:154 Resp: 632452

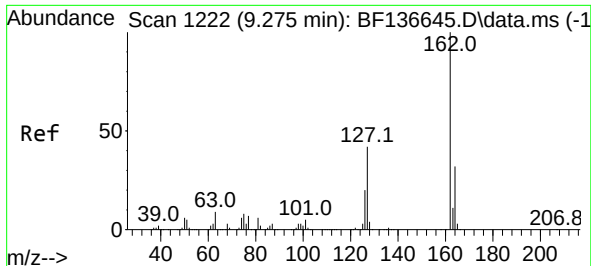
Ion Ratio Lower Upper

154 100

153 40.9 21.1 61.1

76 12.4 0.0 31.7





#47
2-Chloronaphthalene
Concen: 38.703 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

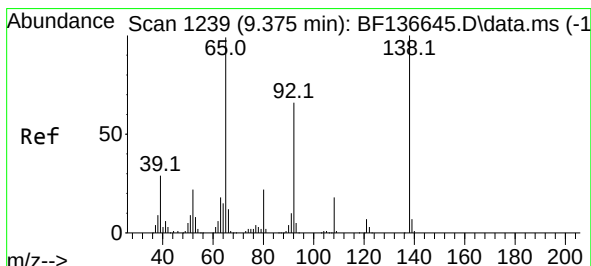
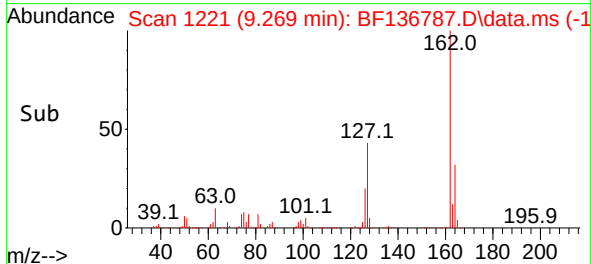
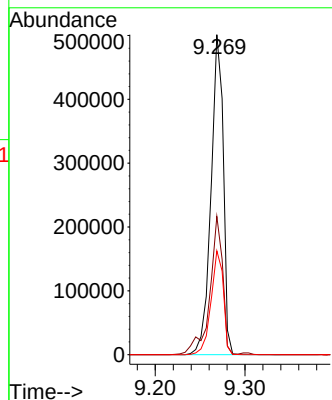
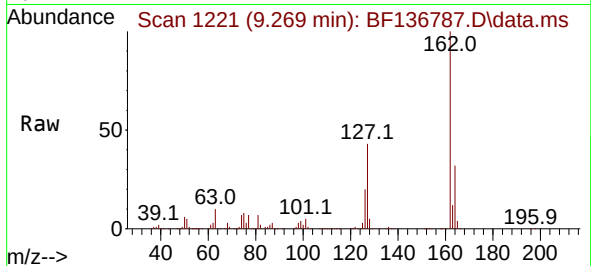
ClientSampleId :

PB157800BS

Tgt Ion:162 Resp: 476104
Ion Ratio Lower Upper
162 100
127 43.2 33.6 50.4
164 32.5 25.7 38.5

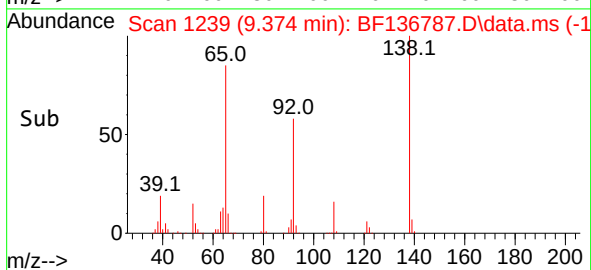
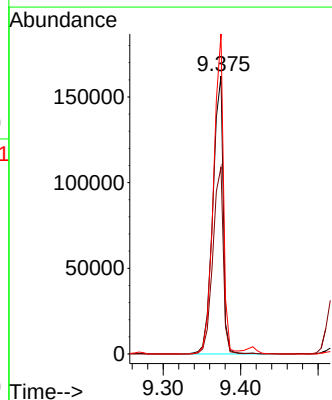
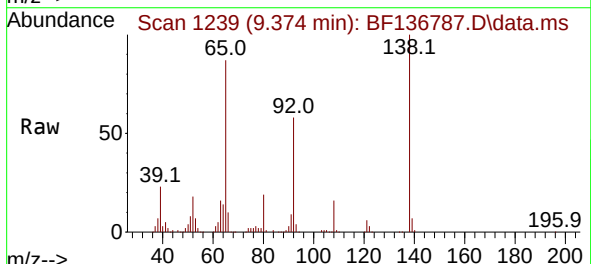
Manual Integrations
APPROVED

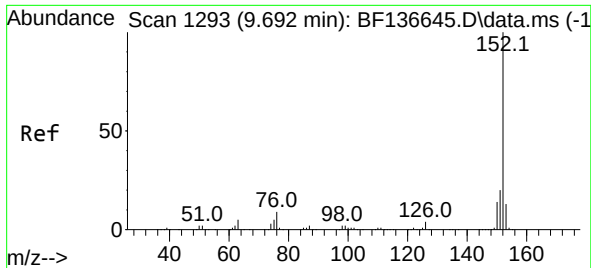
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#48
2-Nitroaniline
Concen: 39.020 ng
RT: 9.374 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion: 65 Resp: 150312
Ion Ratio Lower Upper
65 100
92 67.1 53.2 79.8
138 115.1 81.1 121.7





#49
Acenaphthylene
Concen: 40.090 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

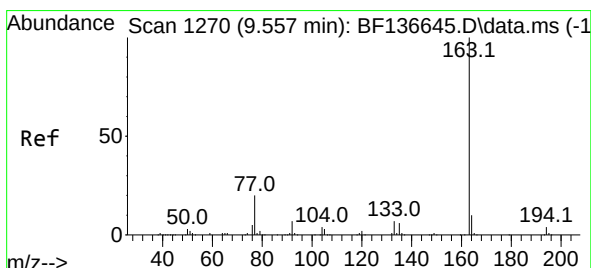
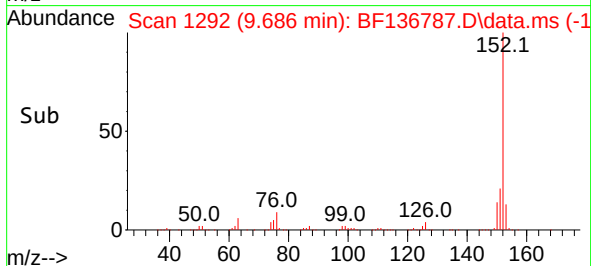
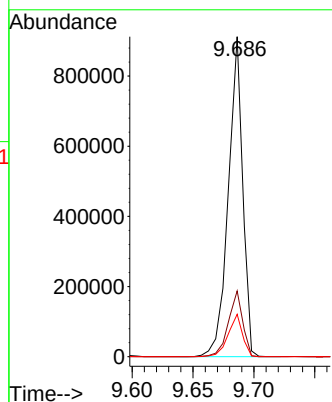
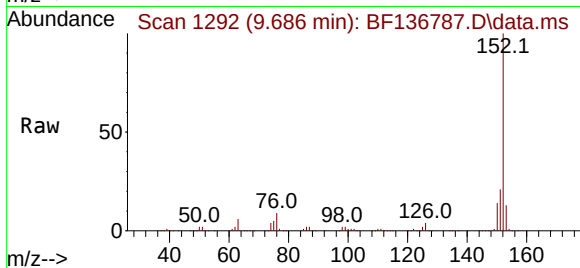
ClientSampleId :

PB157800BS

Tgt Ion:152 Resp: 75378
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.3 10.2 15.2

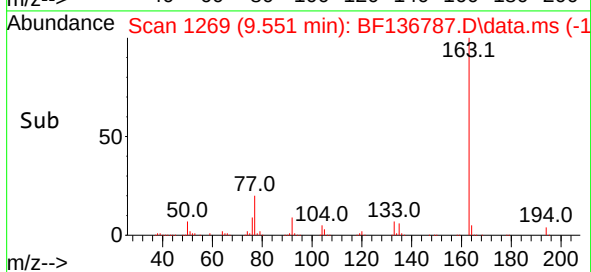
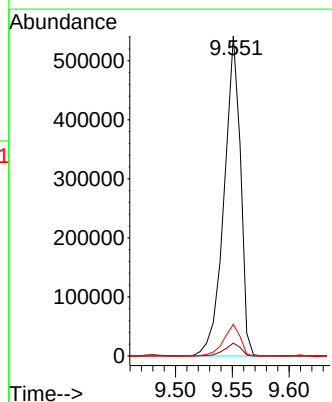
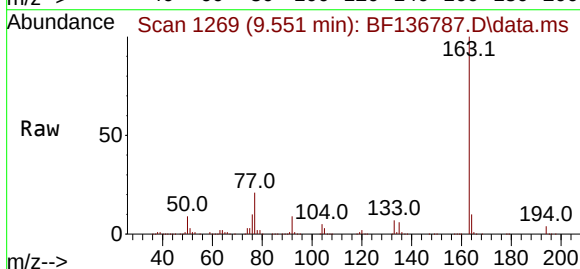
Manual Integrations
APPROVED

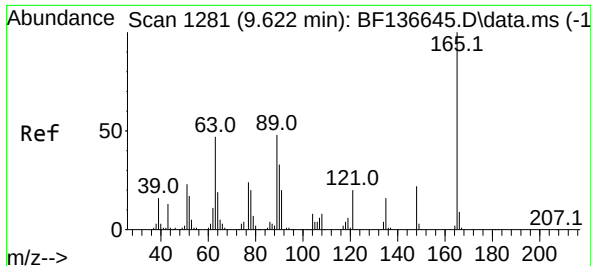
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#50
Dimethylphthalate
Concen: 38.604 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

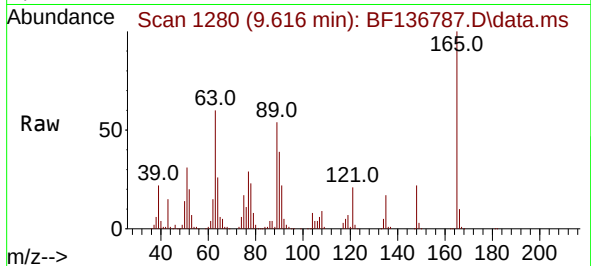
Tgt Ion:163 Resp: 543730
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 38.162 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

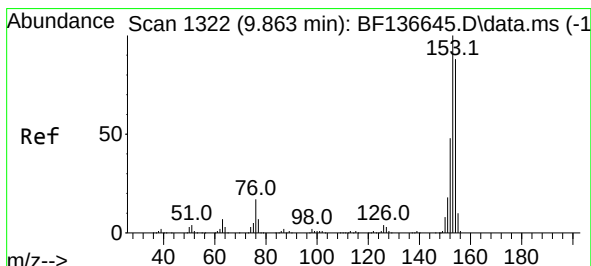
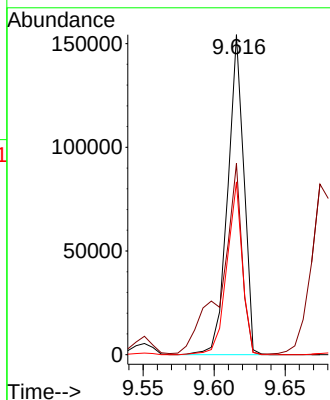
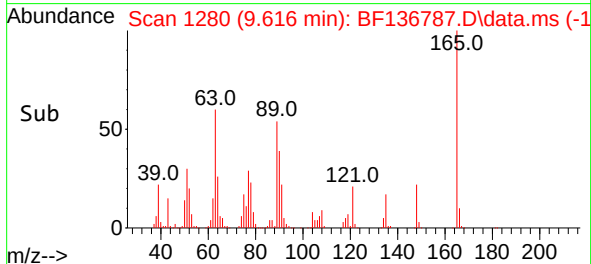
Instrument :
BNA_F
ClientSampleId :
PB157800BS



Tgt Ion:165 Resp: 121985
Ion Ratio Lower Upper
165 100
63 59.8 39.8 59.6
89 54.0 38.8 58.2

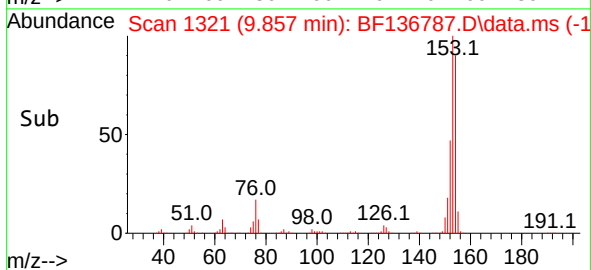
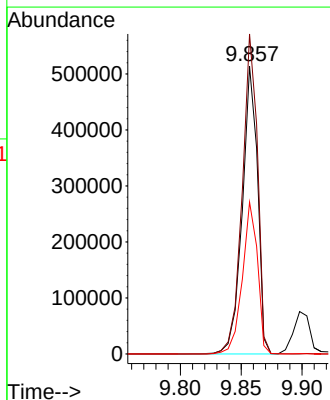
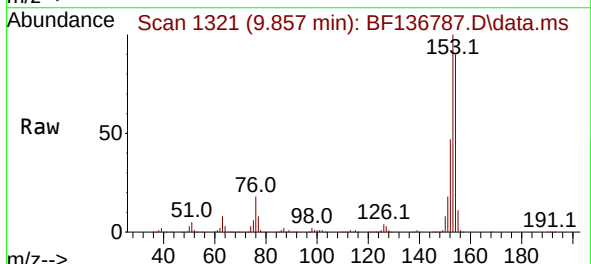
Manual Integrations
APPROVED

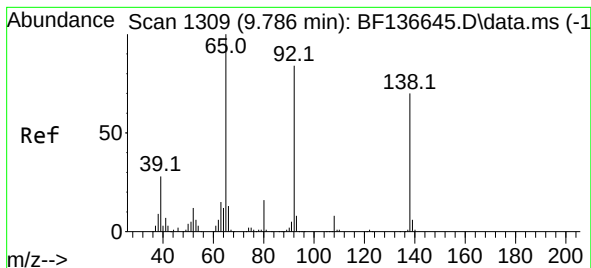
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#52
Acenaphthene
Concen: 38.516 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:154 Resp: 448919
Ion Ratio Lower Upper
154 100
153 111.2 90.7 136.1
152 52.8 43.7 65.5





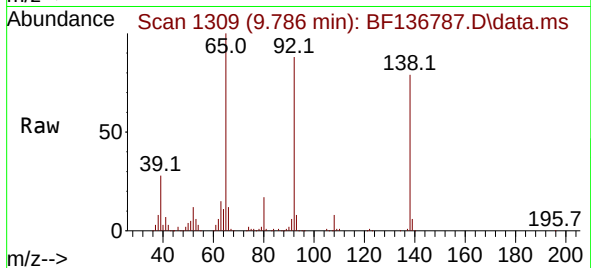
#53
3-Nitroaniline
Concen: 30.528 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

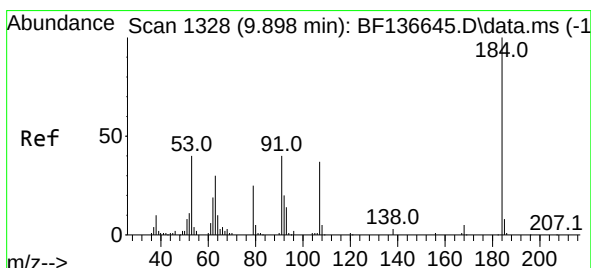
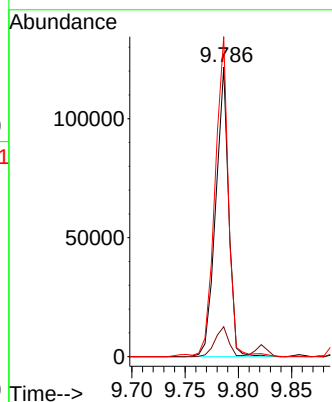
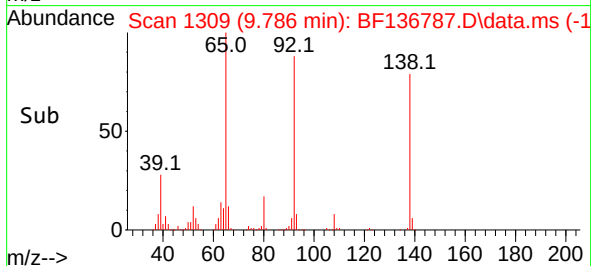


Tgt Ion:138 Resp: 10337
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 110.6 95.2 142.8

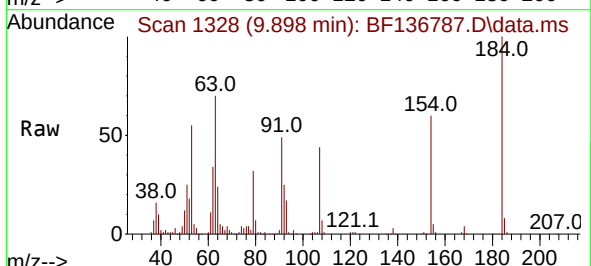
Manual Integrations

APPROVED

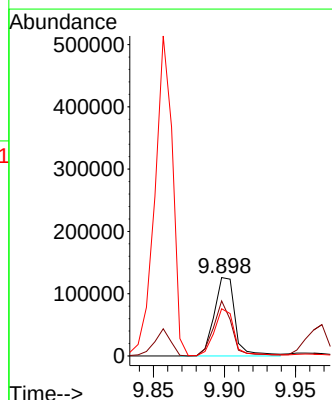
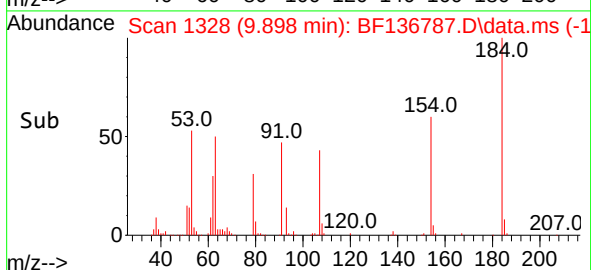
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

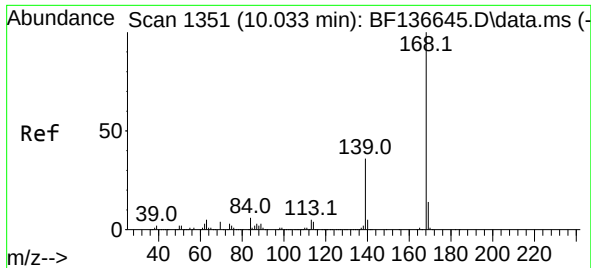


#54
2,4-Dinitrophenol
Concen: 73.097 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



Tgt Ion:184 Resp: 128899
Ion Ratio Lower Upper
184 100
63 70.1 40.9 61.3#
154 60.2 42.7 64.1





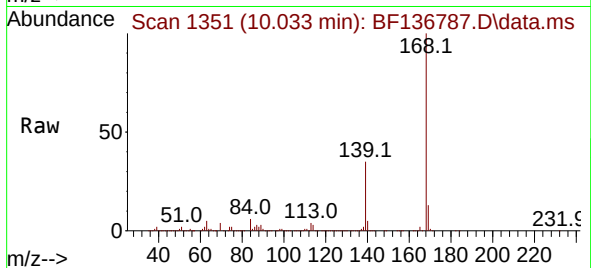
#55
Dibenzofuran
Concen: 37.683 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

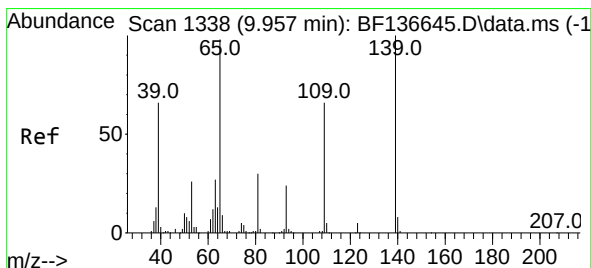
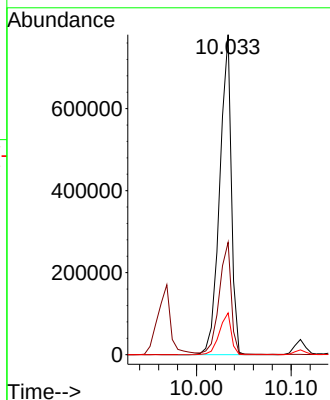
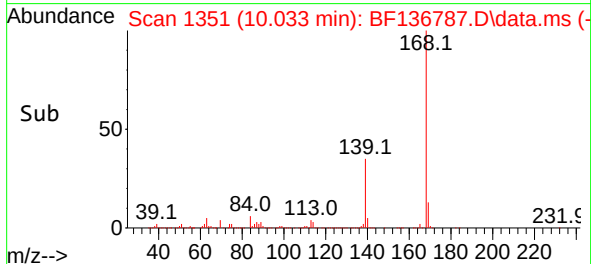
PB157800BS



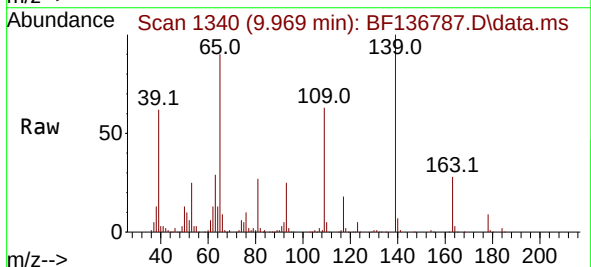
Tgt Ion:168 Resp: 665784
Ion Ratio Lower Upper
168 100
139 35.1 29.3 43.9
169 13.0 11.0 16.4

Manual Integrations
APPROVED

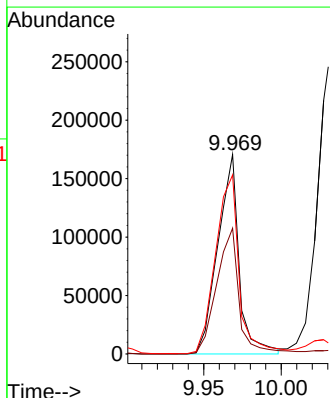
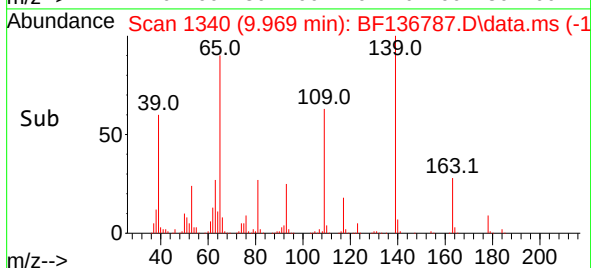
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

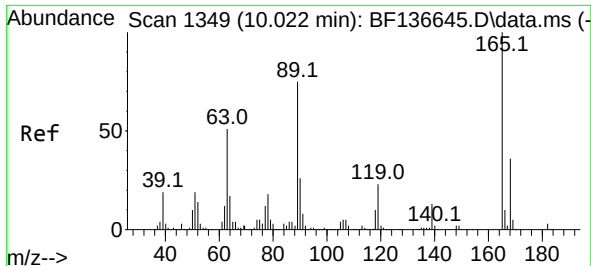


#56
4-Nitrophenol
Concen: 71.234 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



Tgt Ion:139 Resp: 162831
Ion Ratio Lower Upper
139 100
109 63.1 45.8 85.8
65 89.8 77.8 117.8





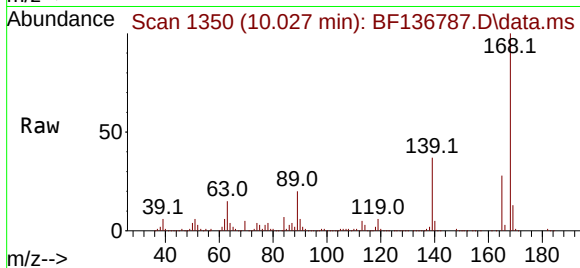
#57
2,4-Dinitrotoluene
Concen: 36.360 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

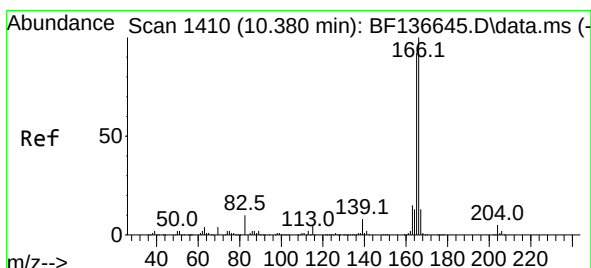
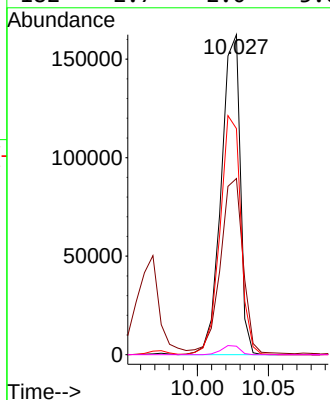
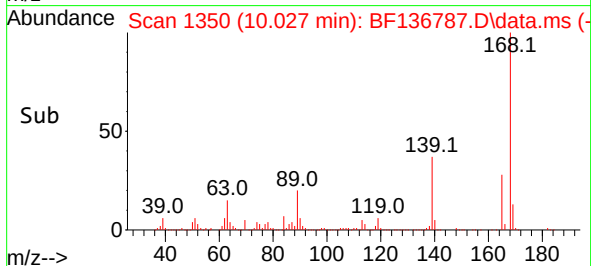


Tgt Ion:165 Resp: 150884
Ion Ratio Lower Upper
165 100
63 55.0 41.0 61.6
89 70.7 59.9 89.9
182 2.7 2.0 3.0

Manual Integrations

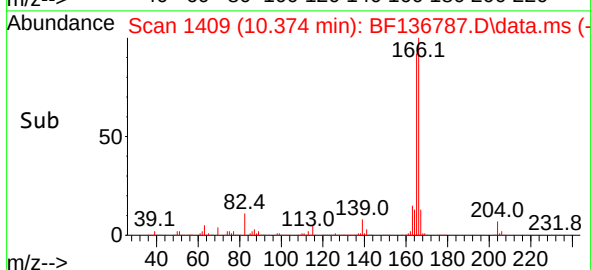
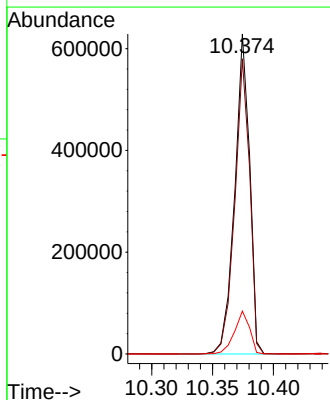
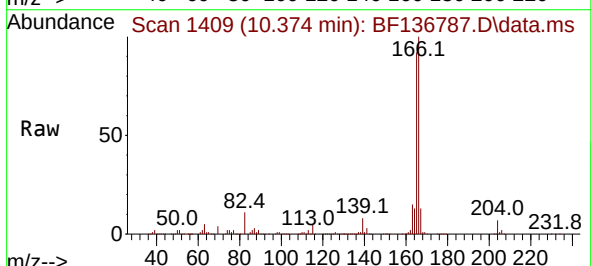
APPROVED

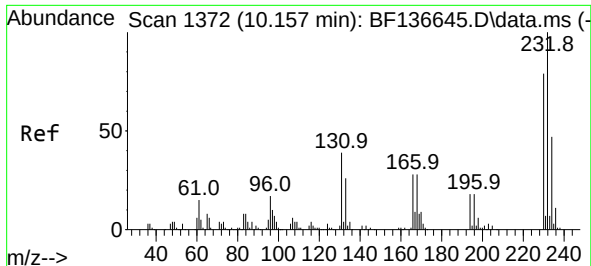
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#58
Fluorene
Concen: 38.104 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

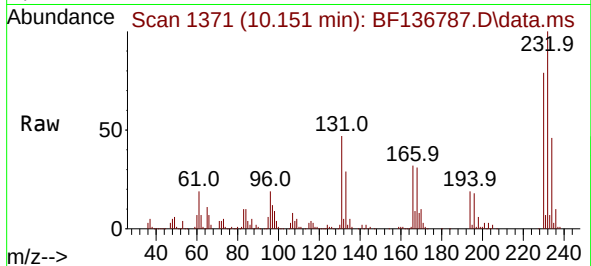
Tgt Ion:166 Resp: 534166
Ion Ratio Lower Upper
166 100
165 92.2 73.7 110.5
167 13.4 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.098 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

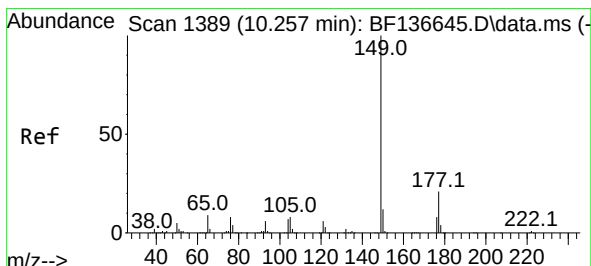
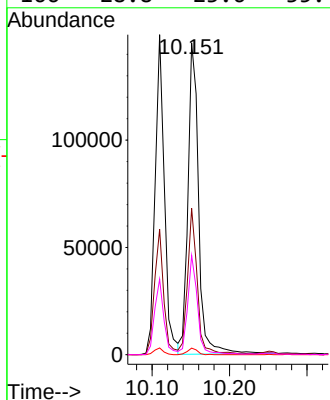
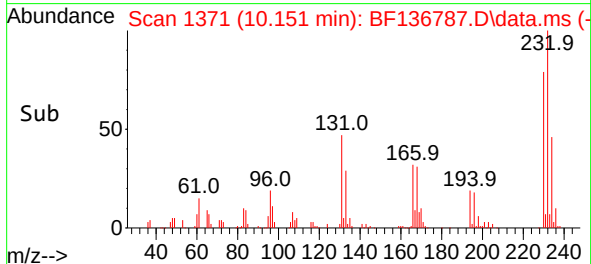
Instrument :
BNA_F
ClientSampleId :
PB157800BS



Tgt Ion:232 Resp: 13830
Ion Ratio Lower Upper
232 100
131 42.4 35.1 52.7
130 2.0 1.6 2.4
166 28.8 23.6 35.4

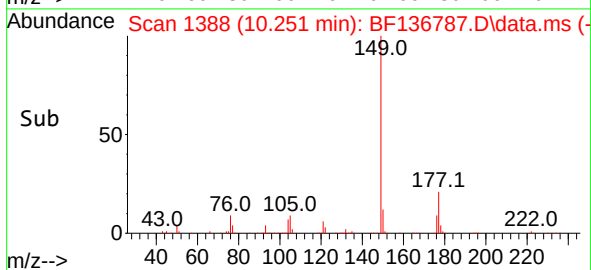
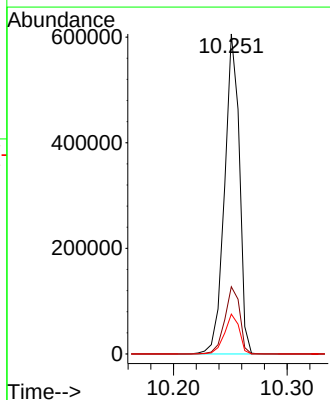
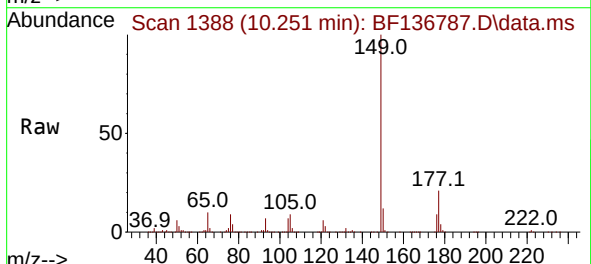
Manual Integrations
APPROVED

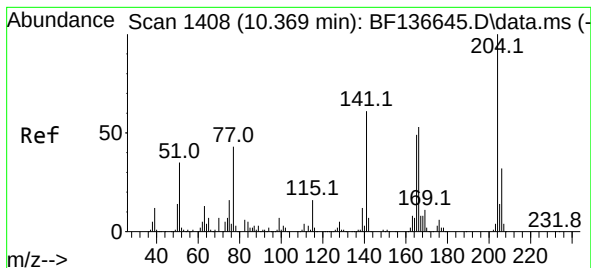
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#60
Diethylphthalate
Concen: 37.489 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

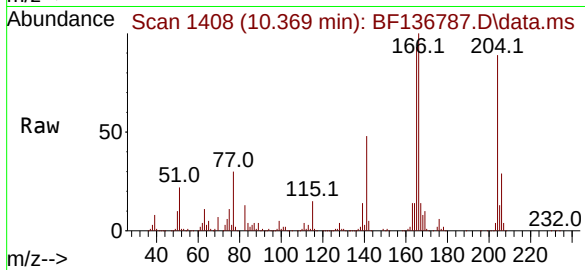
Tgt Ion:149 Resp: 547859
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 37.034 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

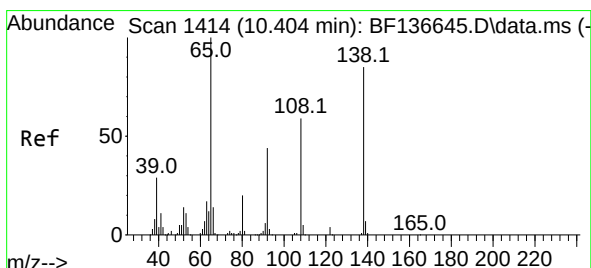
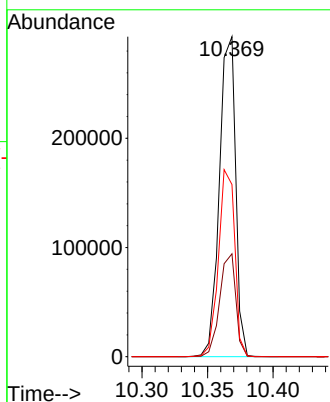
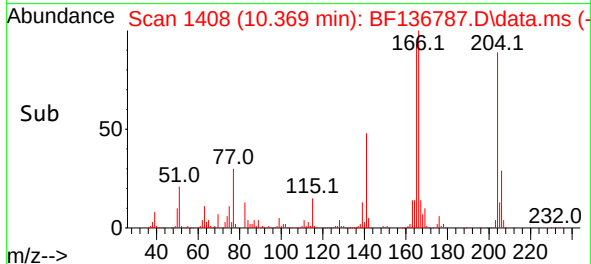
Instrument :
BNA_F
ClientSampleId :
PB157800BS



Tgt Ion:204 Resp: 25235
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 53.8 48.4 72.6

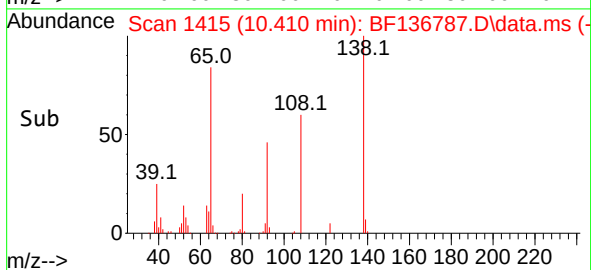
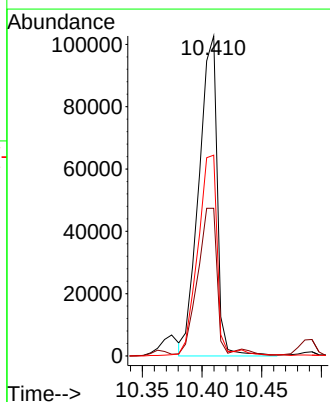
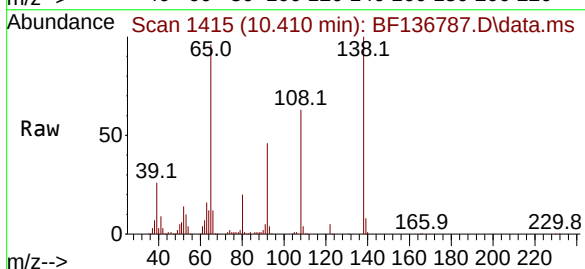
Manual Integrations
APPROVED

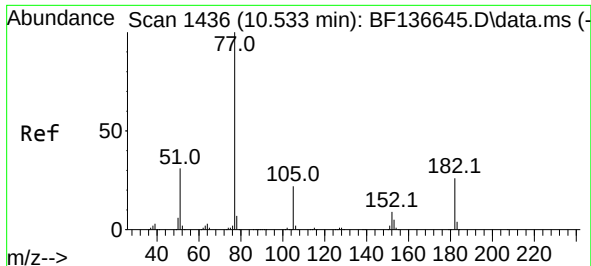
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#62
4-Nitroaniline
Concen: 33.759 ng m
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:138 Resp: 110199
Ion Ratio Lower Upper
138 100
92 46.2 32.1 72.1
108 62.8 50.1 90.1





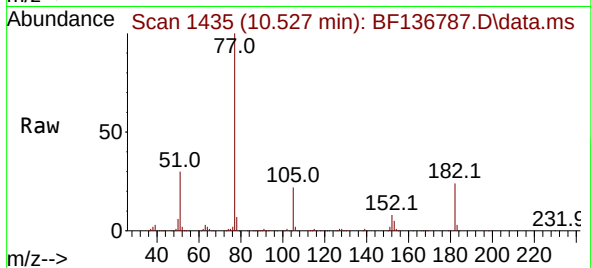
#63
Azobenzene
Concen: 37.445 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

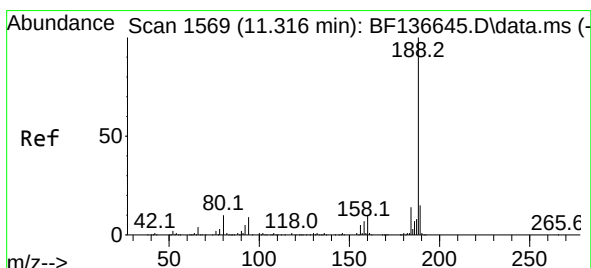
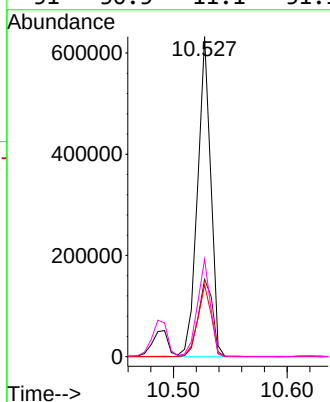
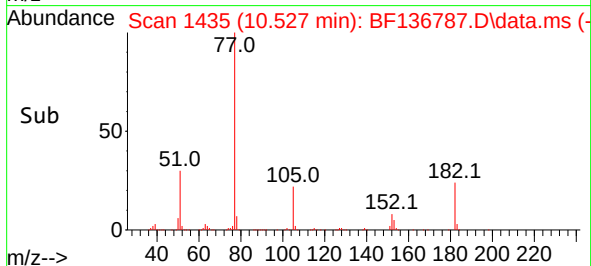


Tgt Ion: 77 Resp: 51110
Ion Ratio Lower Upper
77 100
182 24.2 6.0 46.0
105 22.4 2.3 42.3
51 30.5 11.1 51.1

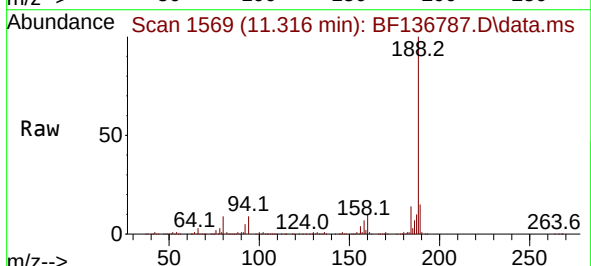
Manual Integrations

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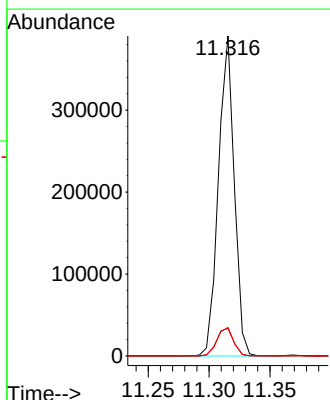
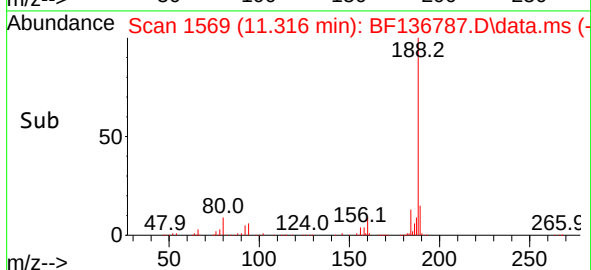
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

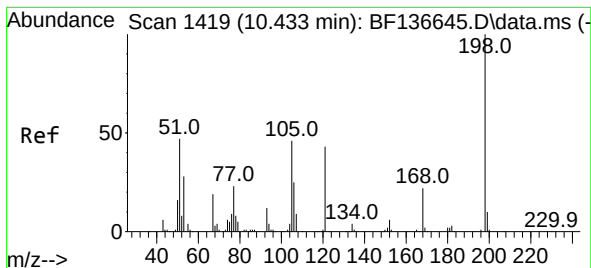


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



Tgt Ion:188 Resp: 353797
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 8.9 8.1 12.1





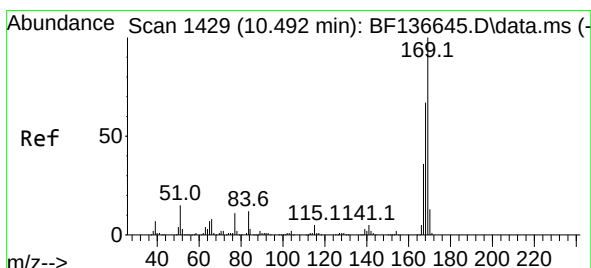
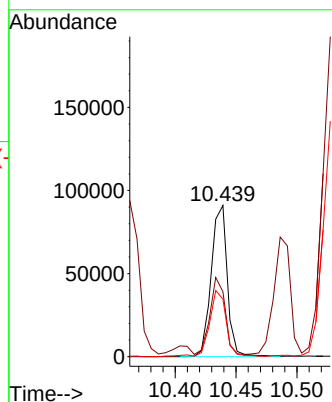
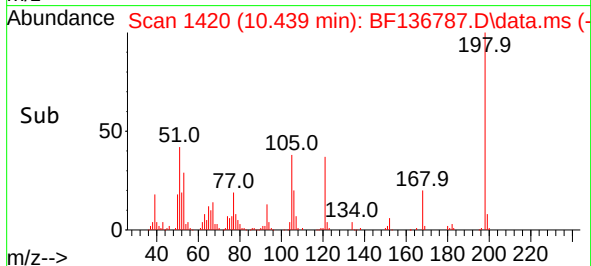
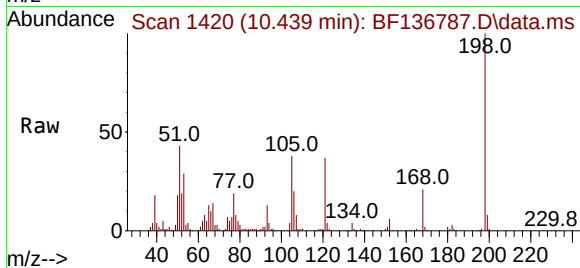
#65
4,6-Dinitro-2-methylphenol
Concen: 41.477 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :
BNA_F
ClientSampleId :
PB157800BS

Tgt Ion:198 Resp: 84098
Ion Ratio Lower Upper
198 100
51 42.9 34.1 74.1
105 38.1 27.3 67.3

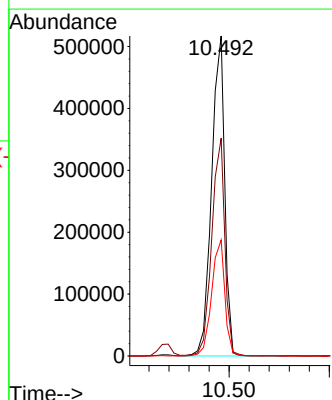
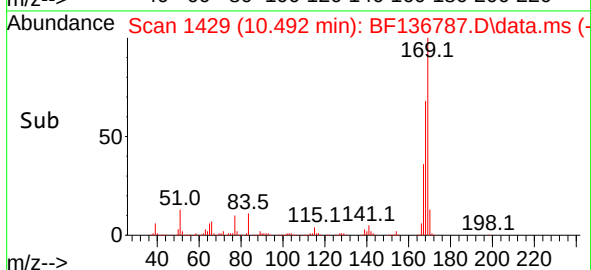
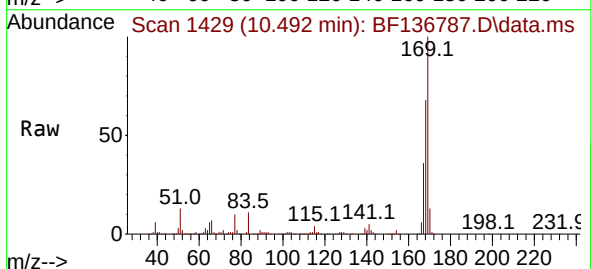
Manual Integrations
APPROVED

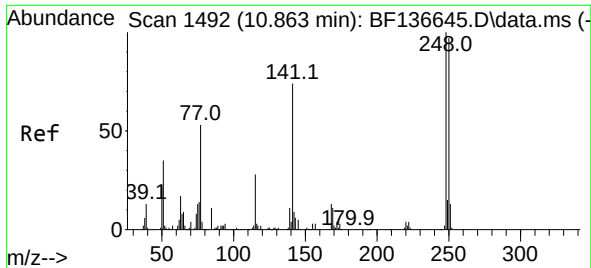
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#66
n-Nitrosodiphenylamine
Concen: 40.917 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:169 Resp: 470258
Ion Ratio Lower Upper
169 100
168 68.0 53.8 80.6
167 36.3 28.7 43.1





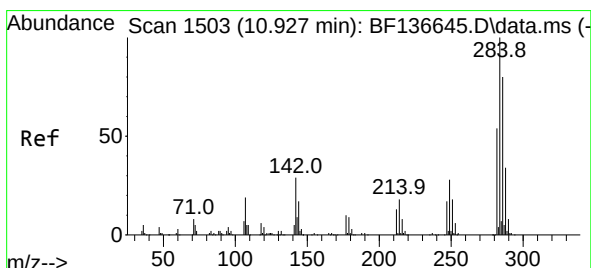
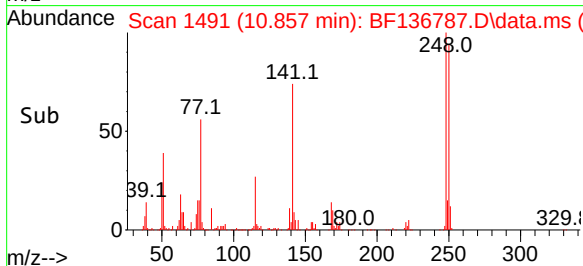
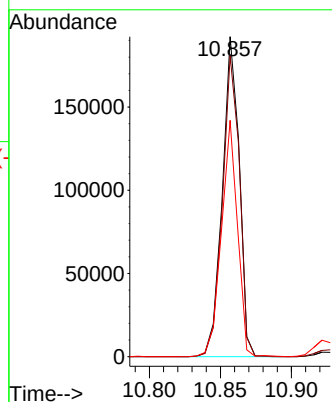
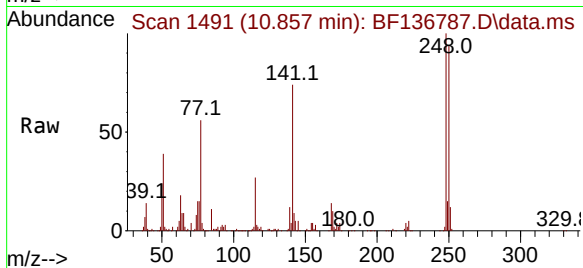
#67
4-Bromophenyl-phenylether
Concen: 40.297 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :
BNA_F
ClientSampleId :
PB157800BS

Tgt Ion:248 Resp: 158334
Ion Ratio Lower Upper
248 100
250 94.0 77.8 116.6
141 73.9 59.2 88.8

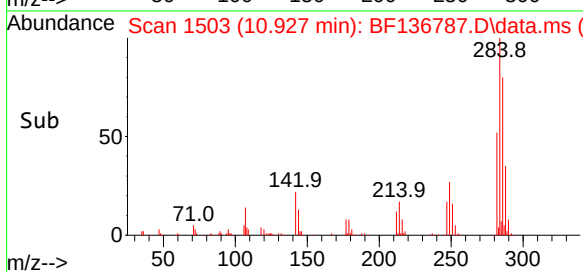
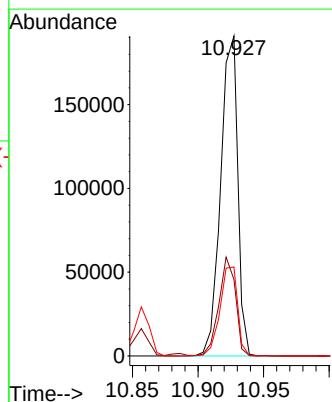
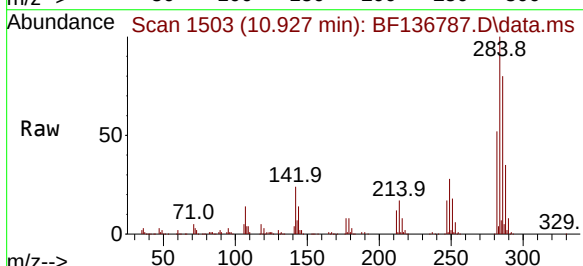
Manual Integrations
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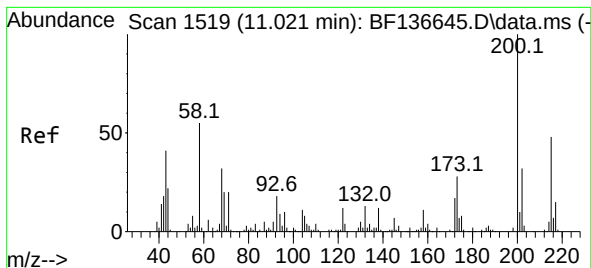
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#68
Hexachlorobenzene
Concen: 39.500 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:284 Resp: 172961
Ion Ratio Lower Upper
284 100
142 23.9 23.4 35.0
249 27.8 22.3 33.5





#69

Atrazine

Concen: 38.925 ng

RT: 11.021 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

Tgt Ion:200 Resp: 11442

Ion Ratio Lower Upper

200 100

173 26.9 7.6 47.6

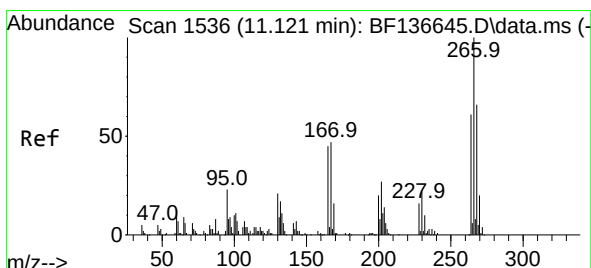
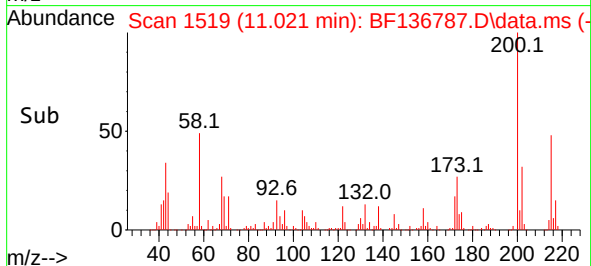
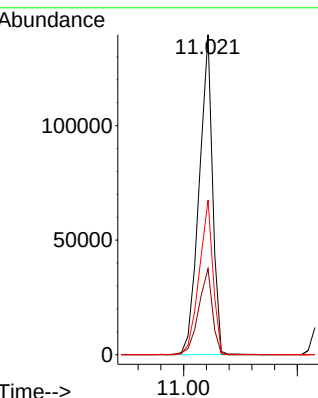
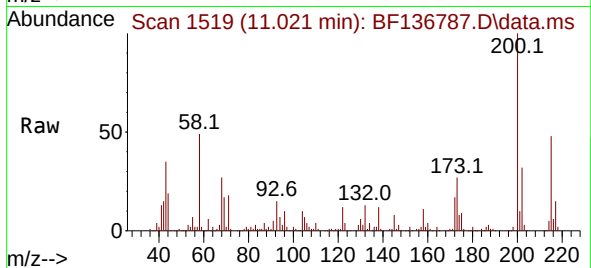
215 48.3 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#70

Pentachlorophenol

Concen: 69.493 ng

RT: 11.121 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

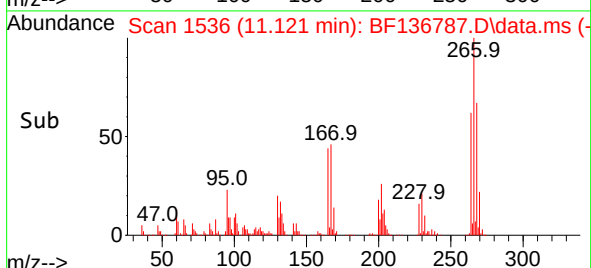
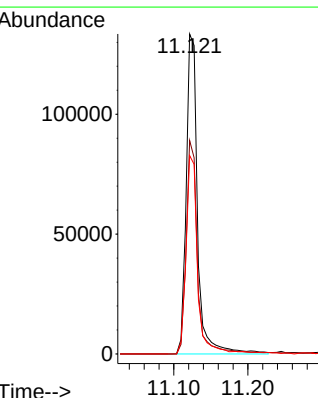
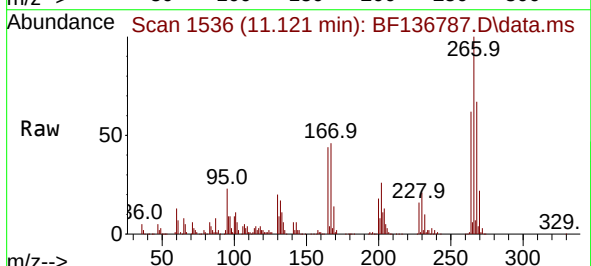
Tgt Ion:266 Resp: 141834

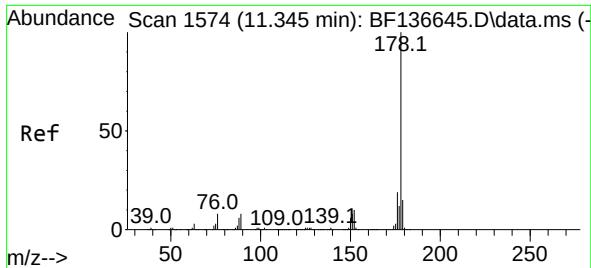
Ion Ratio Lower Upper

266 100

268 66.7 52.6 78.8

264 62.0 49.0 73.4





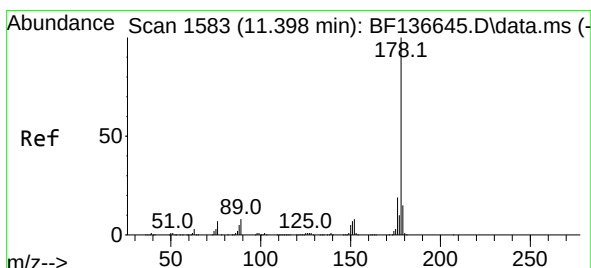
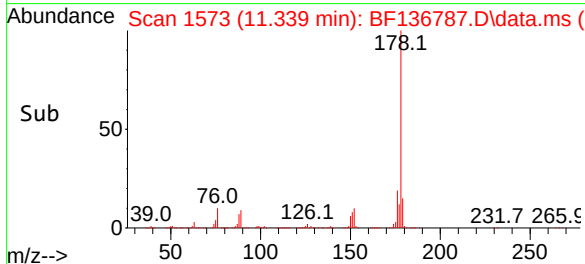
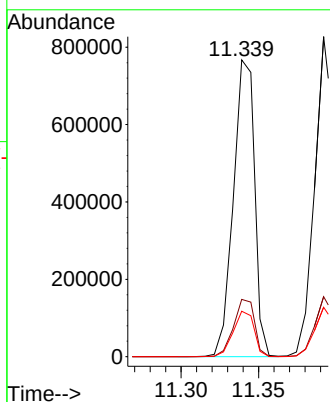
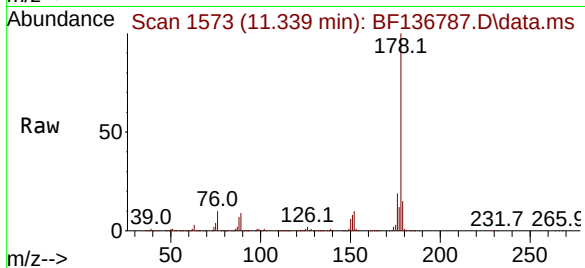
#71
Phenanthrene
Concen: 40.313 ng
RT: 11.339 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :
BNA_F
ClientSampleId :
PB157800BS

Tgt Ion:178 Resp: 731824
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 11.9 17.9

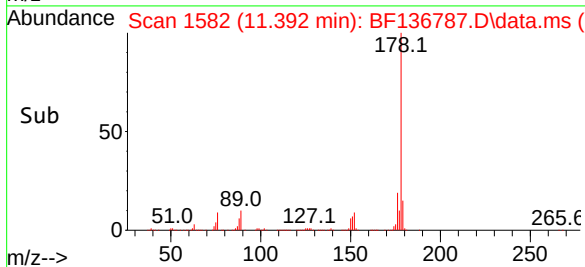
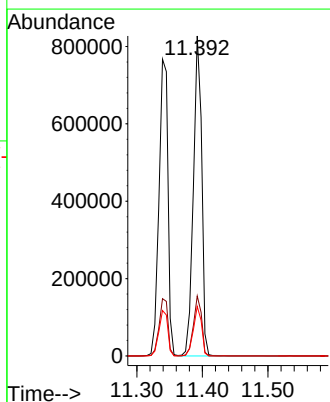
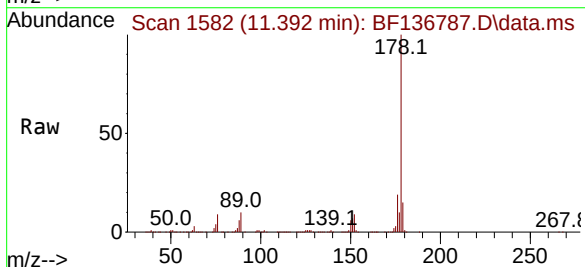
Manual Integrations
APPROVED

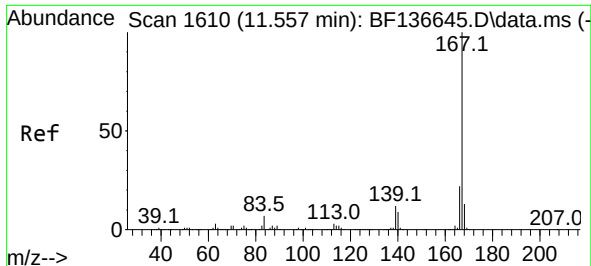
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#72
Anthracene
Concen: 39.822 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

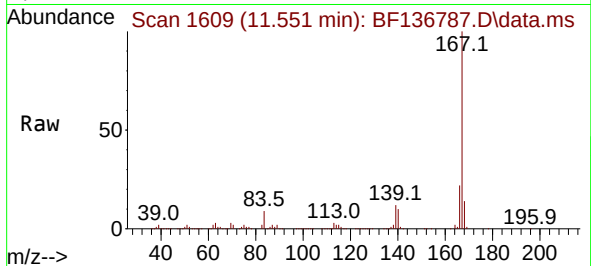
Tgt Ion:178 Resp: 732113
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.5 11.8 17.6





#73
 Carbazole
 Concen: 38.018 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136787.D
 Acq: 28 Dec 2023 11:08

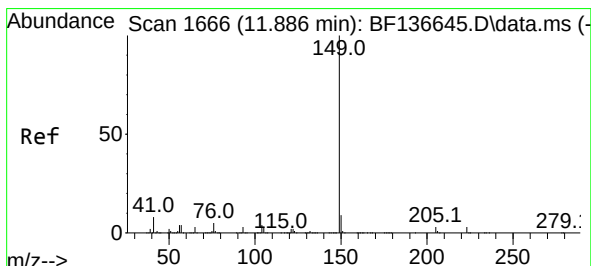
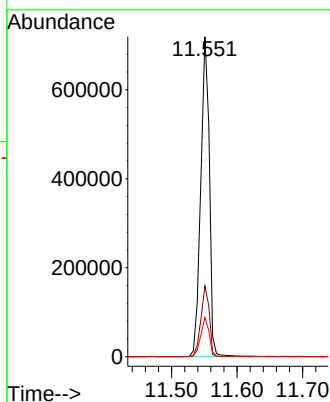
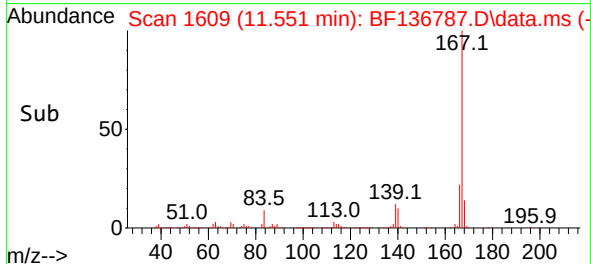
Instrument :
 BNA_F
 ClientSampleId :
 PB157800BS



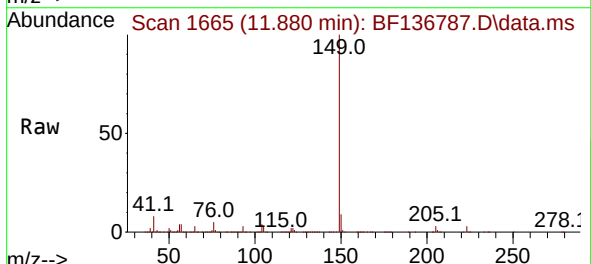
Tgt Ion:167 Resp: 658990
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 12.2 9.8 14.6

Manual Integrations
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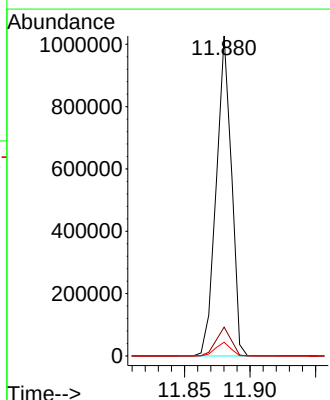
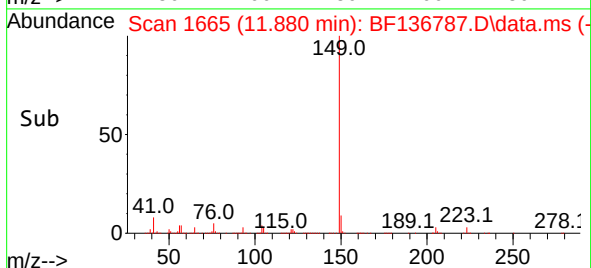
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

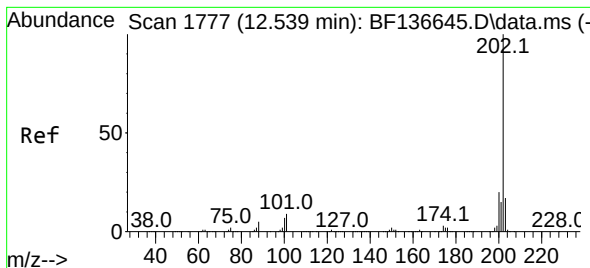


#74
 Di-n-butylphthalate
 Concen: 39.095 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136787.D
 Acq: 28 Dec 2023 11:08



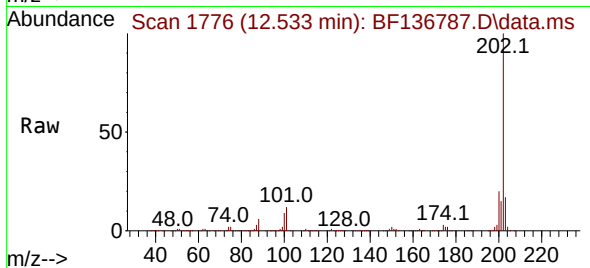
Tgt Ion:149 Resp: 826897
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 36.320 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

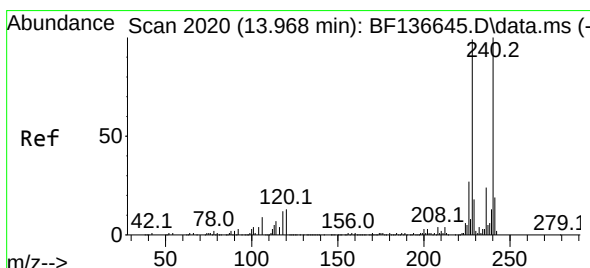
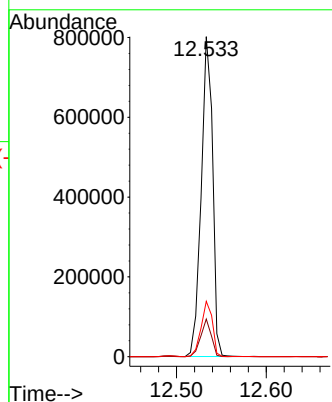
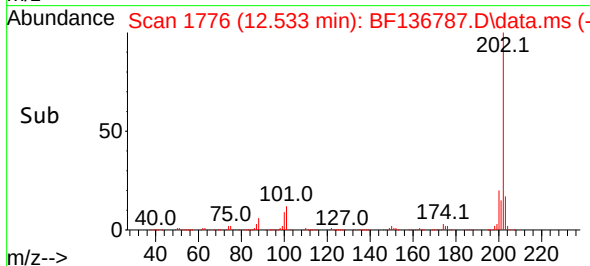
Instrument :
BNA_F
ClientSampleId :
PB157800BS



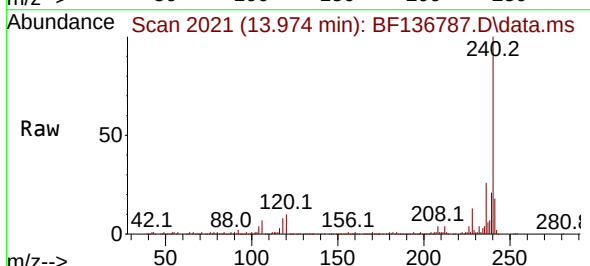
Tgt Ion:202 Resp: 70527
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.3
203 17.3 0.0 37.1

Manual Integrations
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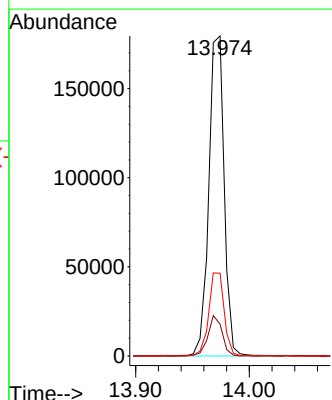
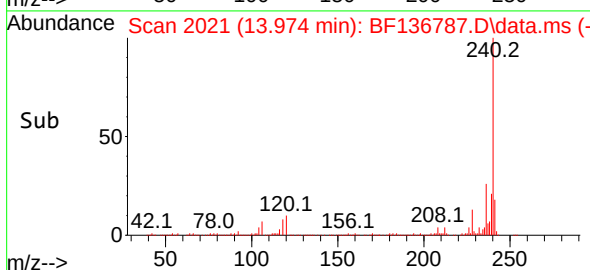
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

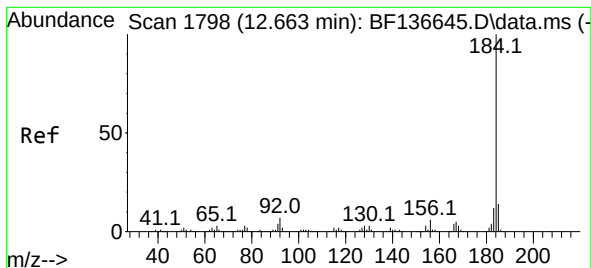


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



Tgt Ion:240 Resp: 168390
Ion Ratio Lower Upper
240 100
120 9.9 10.3 15.5#
236 25.9 19.4 29.2





#77

Benzidine

Concen: 6.521 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

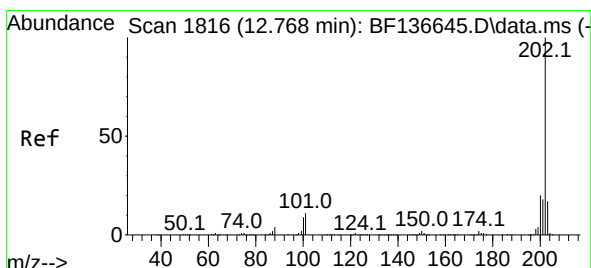
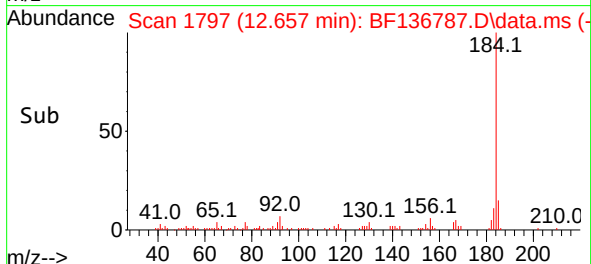
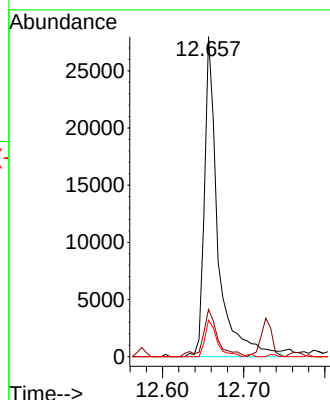
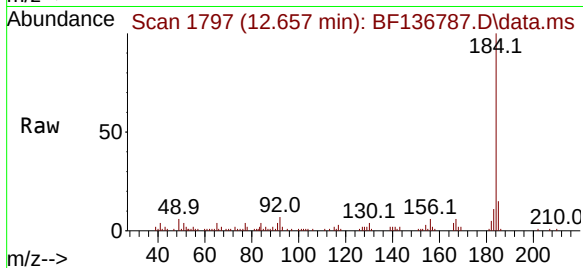
Tgt Ion:184	Resp:	3237
Ion Ratio	Lower	Upper
184	100	
185	14.8	11.2 16.8
183	11.4	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#78

Pyrene

Concen: 42.695 ng

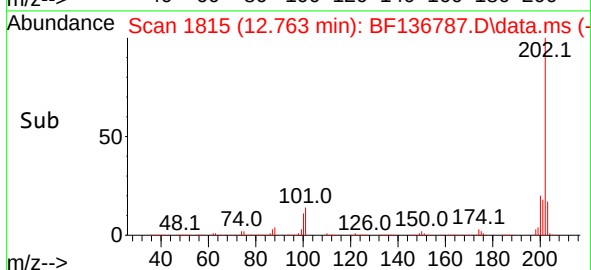
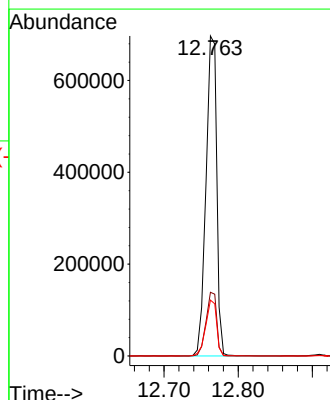
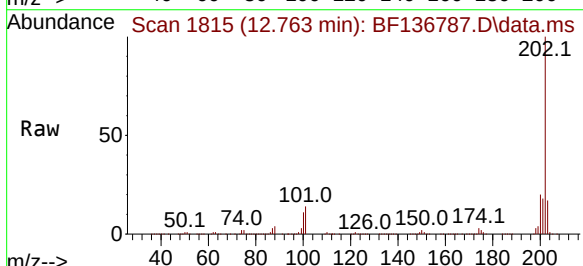
RT: 12.763 min Scan# 1815

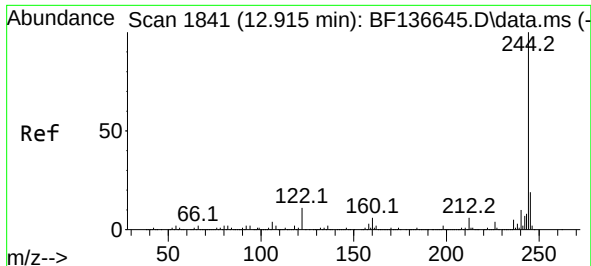
Delta R.T. -0.006 min

Lab File: BF136787.D

Acq: 28 Dec 2023 11:08

Tgt Ion:202	Resp:	705764
Ion Ratio	Lower	Upper
202	100	
200	19.9	15.9 23.9
203	17.4	13.8 20.6





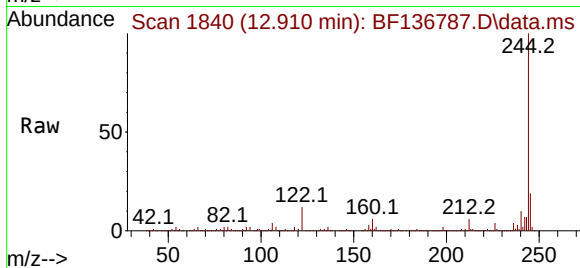
#79
Terphenyl-d14
Concen: 80.434 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

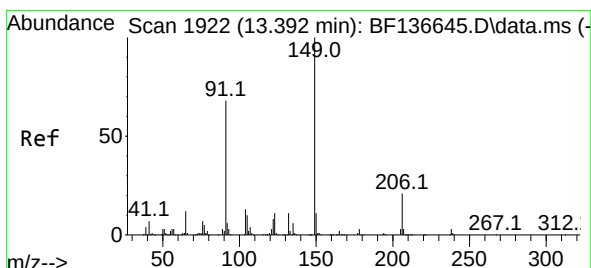
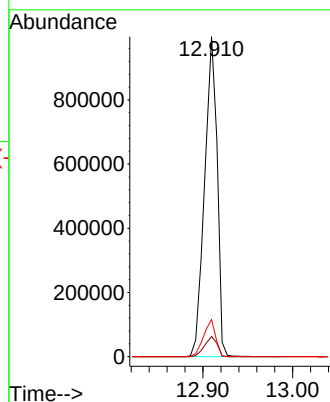
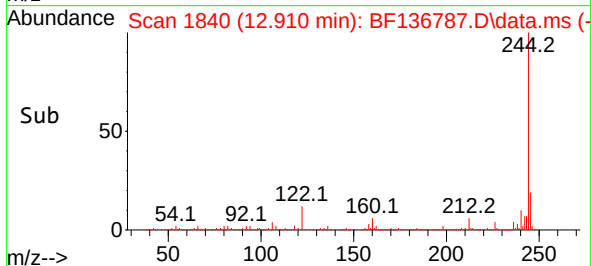


Tgt Ion:244 Resp: 969200
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 11.6 9.0 13.4

Manual Integrations

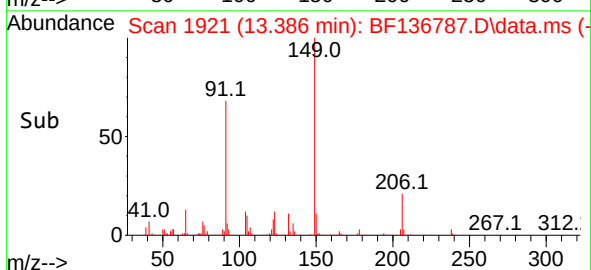
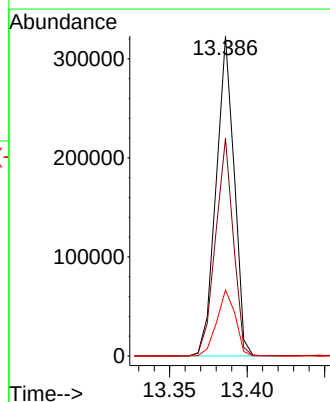
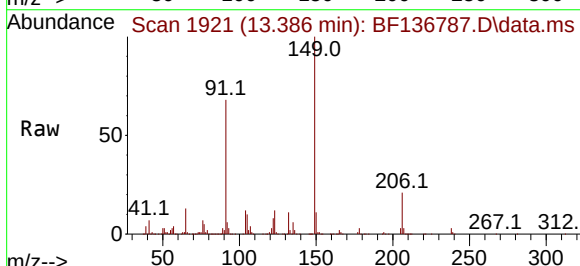
APPROVED

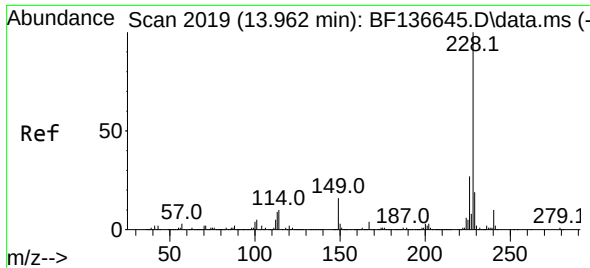
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#80
Butylbenzylphthalate
Concen: 43.551 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:149 Resp: 261954
Ion Ratio Lower Upper
149 100
91 68.1 54.1 81.1
206 20.7 17.1 25.7





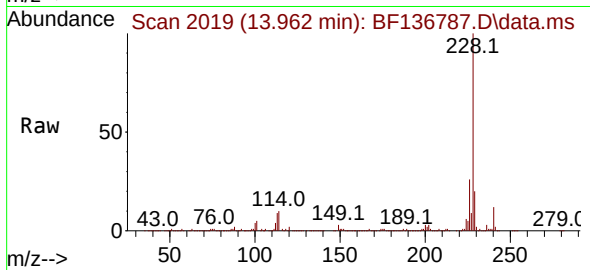
#81
Benzo(a)anthracene
Concen: 42.020 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

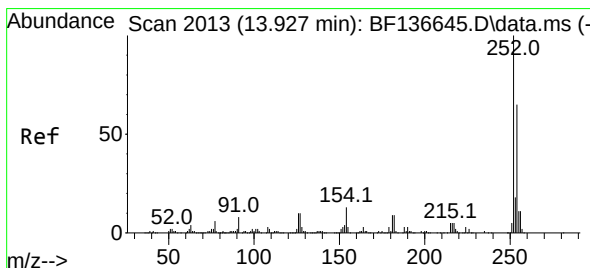
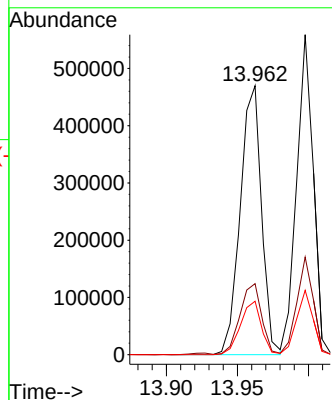
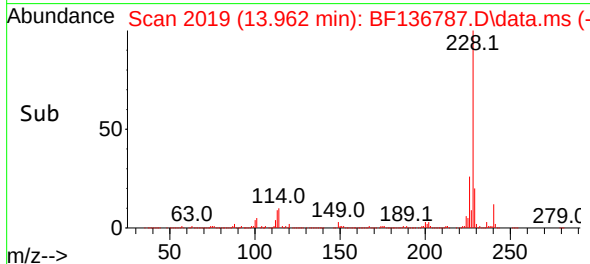


Tgt Ion:228 Resp: 49133
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 19.9 14.9 22.3

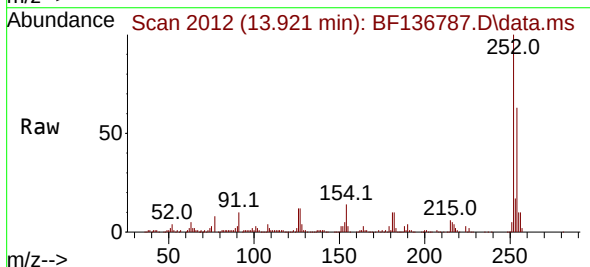
Manual Integrations

APPROVED

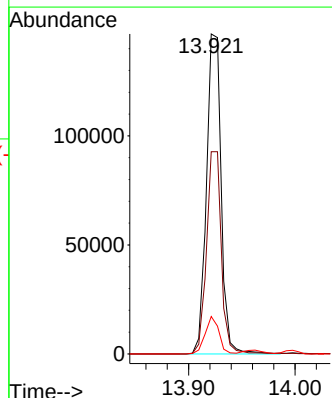
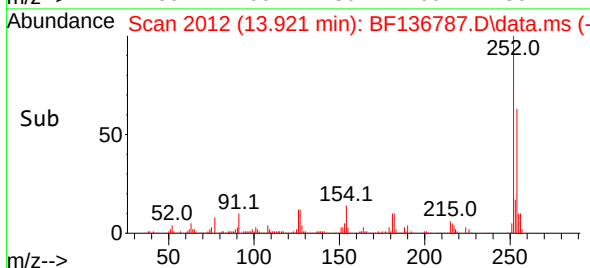
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

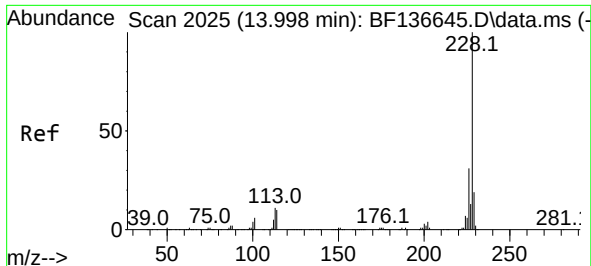


#82
3,3'-Dichlorobenzidine
Concen: 42.653 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



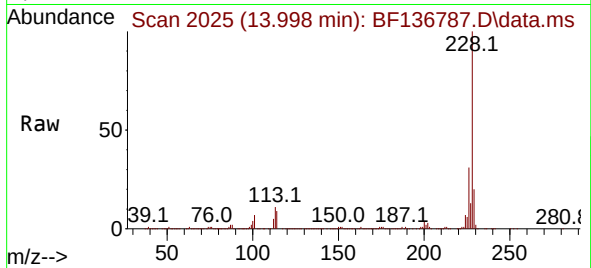
Tgt Ion:252 Resp: 141635
Ion Ratio Lower Upper
252 100
254 63.2 52.2 78.4
126 11.7 8.0 12.0





#83
Chrysene
Concen: 39.922 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

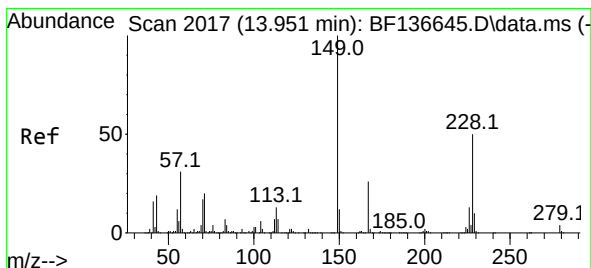
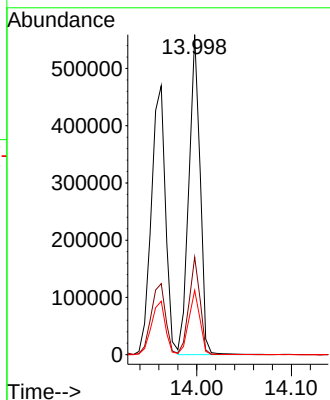
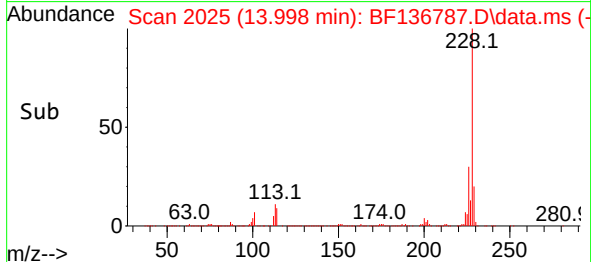
Instrument :
BNA_F
ClientSampleId :
PB157800BS



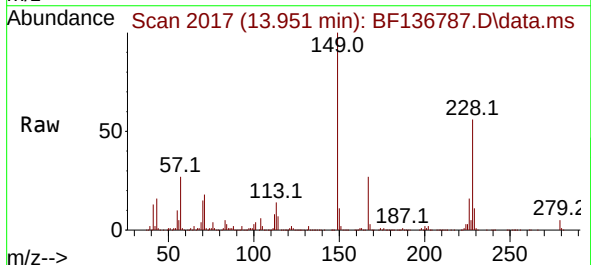
Tgt Ion:228 Resp: 45648
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 20.1 15.4 23.0

Manual Integrations
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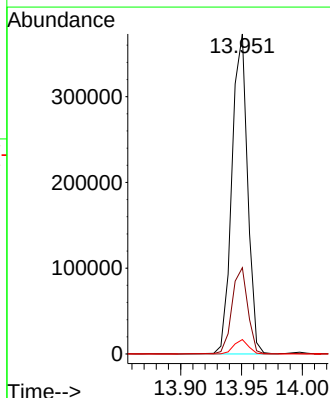
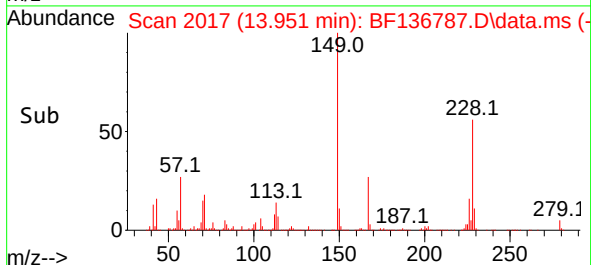
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

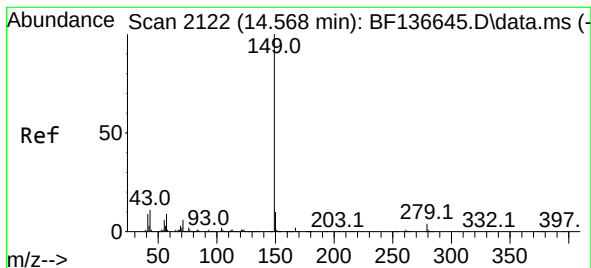


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.223 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



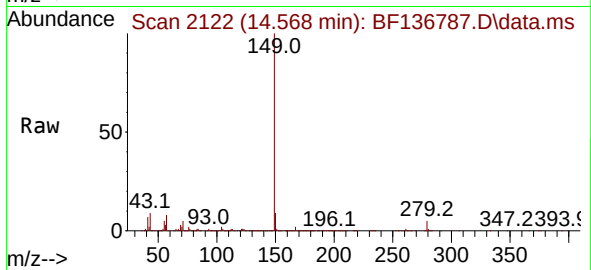
Tgt Ion:149 Resp: 334672
Ion Ratio Lower Upper
149 100
167 27.0 20.9 31.3
279 4.5 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 45.578 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

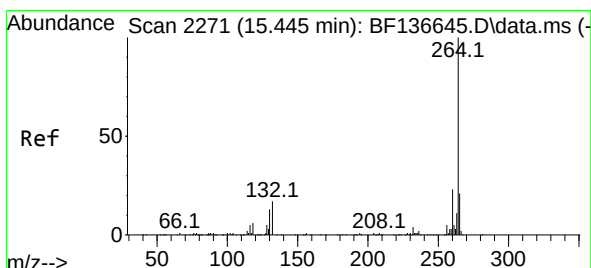
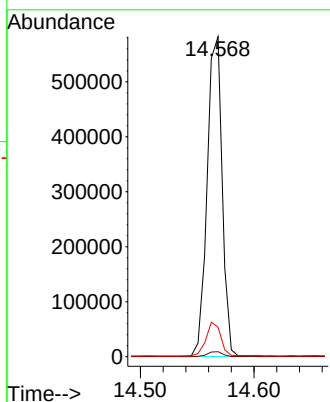
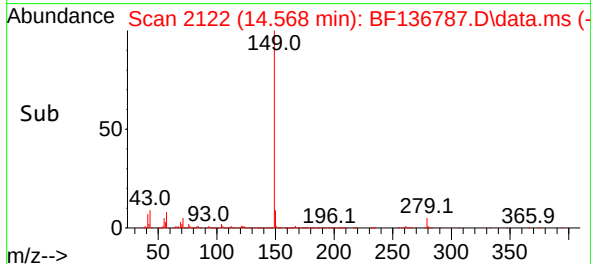
Instrument :
BNA_F
ClientSampleId :
PB157800BS



Tgt Ion:149 Resp: 533550
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.2 8.9 13.3

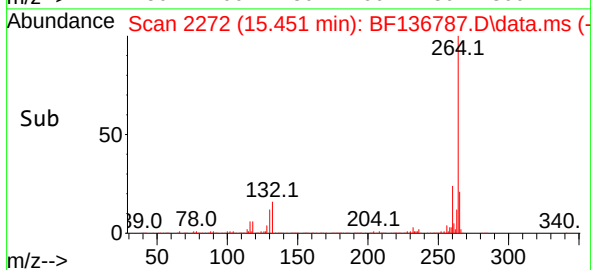
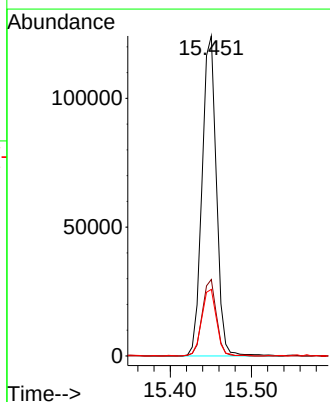
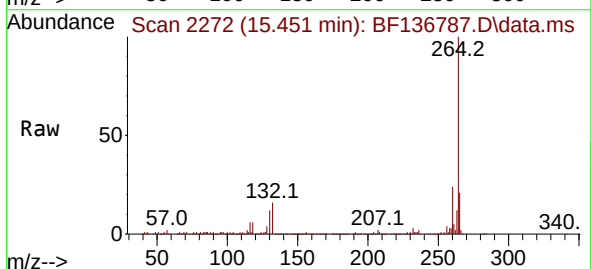
Manual Integrations
APPROVED

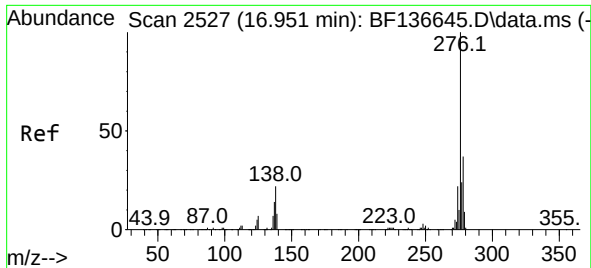
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

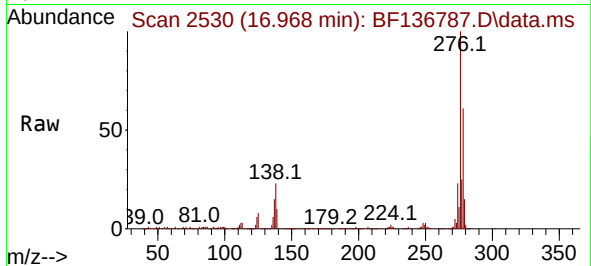
Tgt Ion:264 Resp: 152242
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 20.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.676 ng
RT: 16.968 min Scan# 2198
Delta R.T. 0.018 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

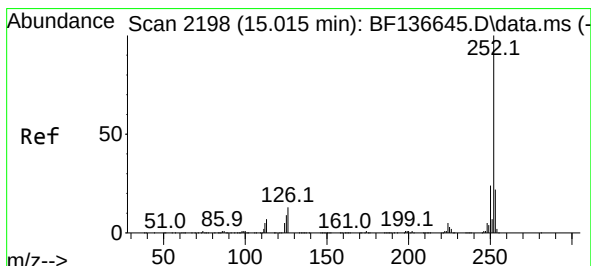
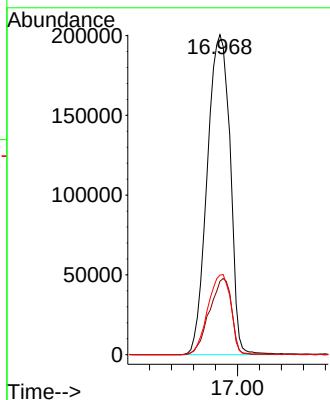
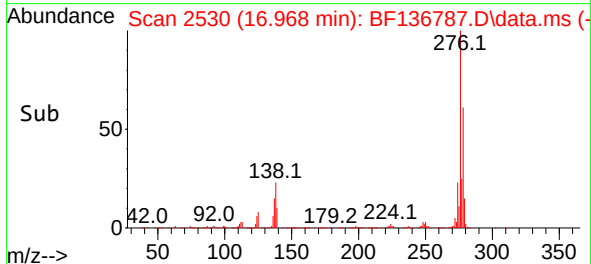
Instrument :
BNA_F
ClientSampleId :
PB157800BS



Tgt Ion:276 Resp: 57901
Ion Ratio Lower Upper
276 100
138 23.0 18.7 28.1
277 25.3 20.2 30.2

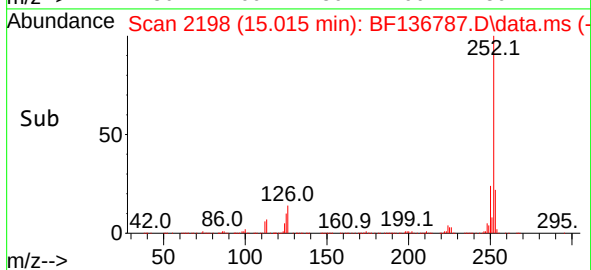
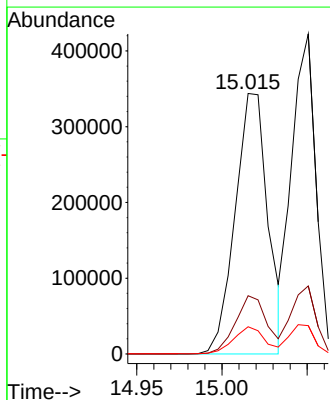
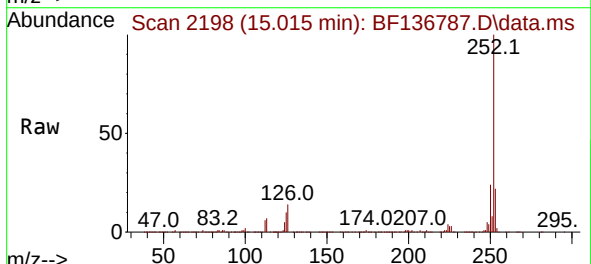
Manual Integrations
APPROVED

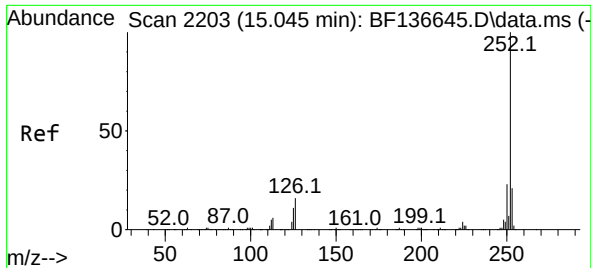
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#88
Benzo(b)fluoranthene
Concen: 45.345 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:252 Resp: 461089
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.5 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 43.590 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

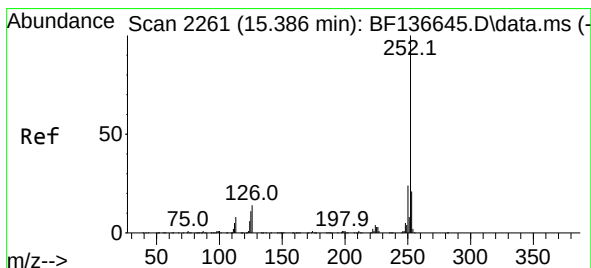
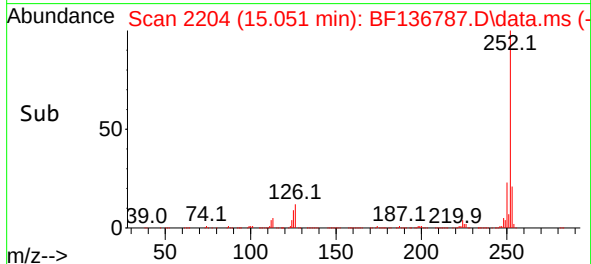
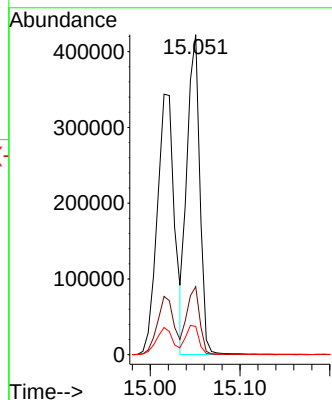
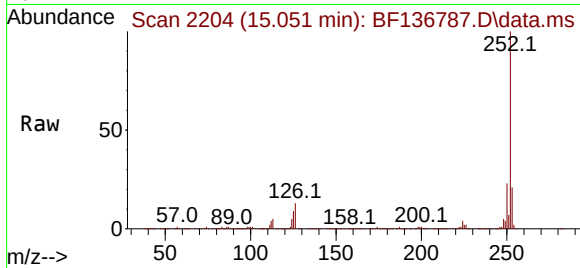
PB157800BS

Tgt Ion:252 Resp: 41881
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 8.9 8.2 12.4

Manual Integrations

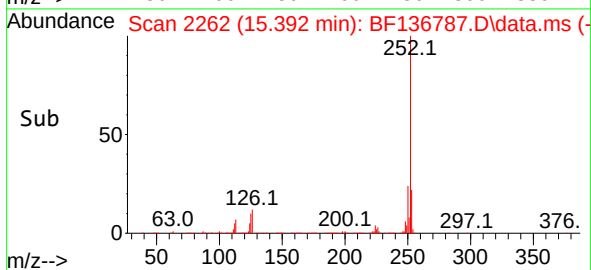
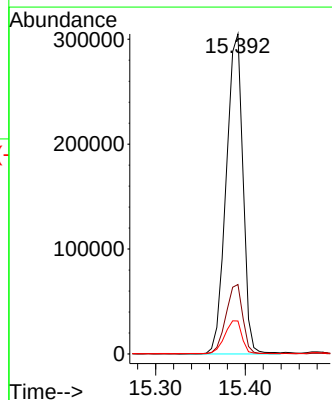
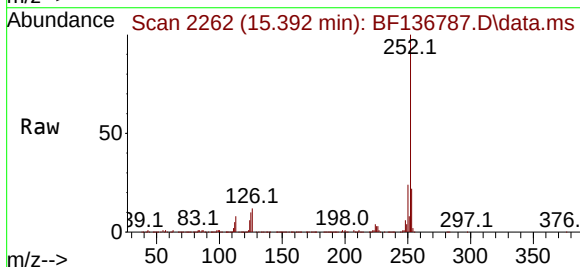
APPROVED

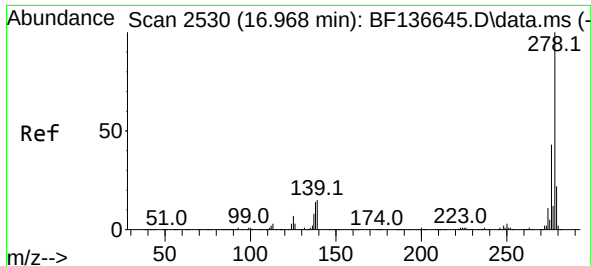
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#90
Benzo(a)pyrene
Concen: 46.089 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Tgt Ion:252 Resp: 395591
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 10.3 8.8 13.2





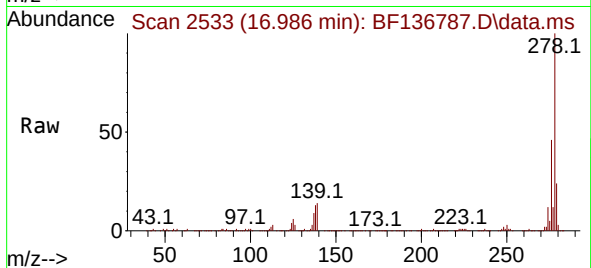
#91
Dibenzo(a,h)anthracene
Concen: 54.151 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08

Instrument :

BNA_F

ClientSampleId :

PB157800BS

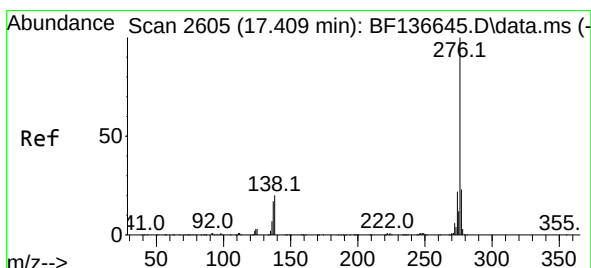
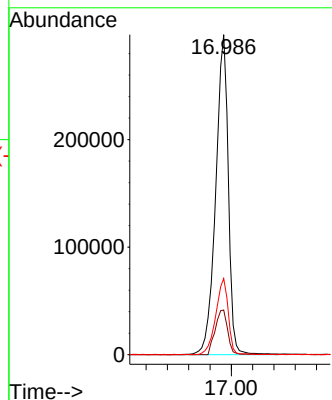
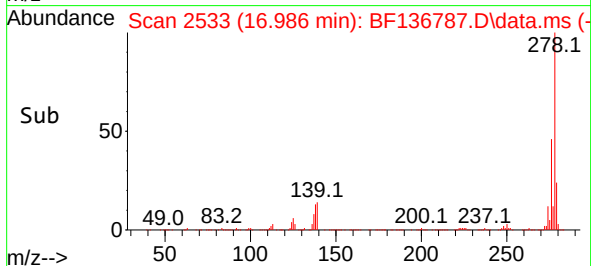


Tgt Ion:278 Resp: 488332
Ion Ratio Lower Upper
278 100
139 13.9 12.2 18.4
279 23.8 17.8 26.6

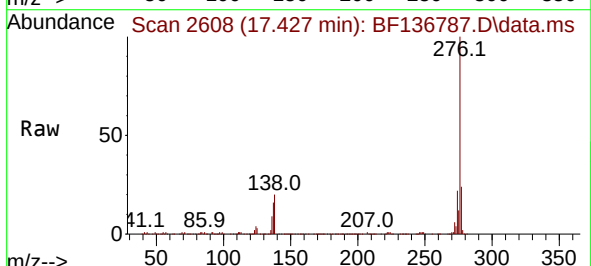
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#92
Benzo(g,h,i)perylene
Concen: 53.294 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF136787.D
Acq: 28 Dec 2023 11:08



Tgt Ion:276 Resp: 492236
Ion Ratio Lower Upper
276 100
277 23.8 18.3 27.5
138 19.5 15.6 23.4

