

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136613.D
 Acq On : 18 Dec 2023 14:24
 Operator : CG\JU
 Sample : PB157801BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157801BSD

Quant Time: Dec 18 14:50:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	139897	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	590724	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	308731	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	569092	20.000	ng	0.00
76) Chrysene-d12	13.974	240	288301	20.000	ng	0.00
86) Perylene-d12	15.451	264	250353	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1050945	110.943	ng	0.02
7) Phenol-d6	6.445	99	1269421	107.407	ng	0.01
23) Nitrobenzene-d5	7.357	82	779538	71.340	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	420610	110.493	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1582894	69.959	ng	0.00
79) Terphenyl-d14	12.916	244	1772740	81.046	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	107182	28.606	ng	95
3) Pyridine	3.404	79	260243	28.681	ng	94
4) n-Nitrosodimethylamine	3.363	42	146545	37.174	ng	96
6) Aniline	6.457	93	302624	25.336	ng	# 1
8) 2-Chlorophenol	6.581	128	421565	40.765	ng	99
9) Benzaldehyde	6.339	77	114982	16.474	ng	97
10) Phenol	6.457	94	463288	36.838	ng	91
11) bis(2-Chloroethyl)ether	6.534	93	371022	39.579	ng	96
12) 1,3-Dichlorobenzene	6.734	146	429444	36.925	ng	97
13) 1,4-Dichlorobenzene	6.810	146	442039	37.468	ng	100
14) 1,2-Dichlorobenzene	6.957	146	421533	37.996	ng	99
15) Benzyl Alcohol	6.939	79	322821	40.790	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	438500	36.370	ng	88
17) 2-Methylphenol	7.057	107	328024	39.261	ng	# 93
18) Hexachloroethane	7.298	117	153441	37.252	ng	89
19) n-Nitroso-di-n-propyla...	7.210	70	258209	37.873	ng	98
20) 3+4-Methylphenols	7.210	107	394272	38.019	ng	# 76
22) Acetophenone	7.198	105	555403	38.075	ng	# 96
24) Nitrobenzene	7.375	77	398787	36.278	ng	98
25) Isophorone	7.610	82	741454	37.768	ng	99
26) 2-Nitrophenol	7.686	139	226258	41.868	ng	98
27) 2,4-Dimethylphenol	7.733	122	334727	50.233	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	464844	38.534	ng	99
29) 2,4-Dichlorophenol	7.933	162	346293	39.372	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	389378	37.966	ng	97
31) Naphthalene	8.092	128	1194071	36.655	ng	99
32) Benzoic acid	7.881	122	262714	39.743	ng	93
33) 4-Chloroaniline	8.139	127	264431	22.769	ng	98
34) Hexachlorobutadiene	8.204	225	223456	36.763	ng	99
35) Caprolactam	8.528	113	108937m	40.219	ng	
36) 4-Chloro-3-methylphenol	8.639	107	364288	39.008	ng	98
37) 2-Methylnaphthalene	8.786	142	775409	37.415	ng	95
38) 1-Methylnaphthalene	8.886	142	740595	36.417	ng	96
40) 1,2,4,5-Tetrachloroben...	8.951	216	379051	39.464	ng	99
41) Hexachlorocyclopentadiene	8.933	237	323764	90.985	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	250239	40.012	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	266530	38.184	ng	# 91
46) 1,1'-Biphenyl	9.251	154	991970	37.761	ng	98
47) 2-Chloronaphthalene	9.275	162	759033	37.123	ng	96
48) 2-Nitroaniline	9.375	65	213555	38.943	ng	95
49) Acenaphthylene	9.692	152	1141810	39.202	ng	99
50) Dimethylphthalate	9.557	163	918044	40.389	ng	99
51) 2,6-Dinitrotoluene	9.622	165	198269	38.773	ng	99
52) Acenaphthene	9.863	154	702277	37.626	ng	95
53) 3-Nitroaniline	9.792	138	168734	32.313	ng	96
54) 2,4-Dinitrophenol	9.904	184	213187	82.457	ng	95
55) Dibenzofuran	10.039	168	1018394	37.350	ng	99
56) 4-Nitrophenol	9.969	139	293233	74.909	ng	96
57) 2,4-Dinitrotoluene	10.027	165	259555	38.369	ng	# 93
58) Fluorene	10.380	166	818040	37.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	226644	40.536	ng	98
60) Diethylphthalate	10.263	149	868677	38.865	ng	98
61) 4-Chlorophenyl-phenyle...	10.374	204	413309	38.735	ng	92
62) 4-Nitroaniline	10.416	138	193766	37.370	ng	97
63) Azobenzene	10.533	77	744637	36.602	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	150354	42.660	ng	95
66) n-Nitrosodiphenylamine	10.498	169	751855	41.173	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	260998	39.446	ng	92
68) Hexachlorobenzene	10.927	284	301897	39.478	ng	97
69) Atrazine	11.027	200	210789	40.443	ng	99
70) Pentachlorophenol	11.127	266	262111	60.730	ng	98
71) Phenanthrene	11.345	178	1249700	39.952	ng	99
72) Anthracene	11.398	178	1244582	39.504	ng	98
73) Carbazole	11.557	167	1060443	38.029	ng	99
74) Di-n-butylphthalate	11.886	149	1374493	40.208	ng	99
75) Fluoranthene	12.539	202	1198445	36.561	ng	98
77) Benzidine	12.663	184	71080	16.712	ng	98
78) Pyrene	12.768	202	1180185	41.799	ng	98
80) Butylbenzylphthalate	13.392	149	450756	44.846	ng	96
81) Benzo(a)anthracene	13.963	228	815128	40.590	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	237074	42.105	ng	100
83) Chrysene	14.004	228	770314	38.988	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	568502	46.138	ng	# 98
85) Di-n-octyl phthalate	14.574	149	863240	47.429	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	878292	50.498	ng	99
88) Benzo(b)fluoranthene	15.021	252	727398	42.495	ng	100
89) Benzo(k)fluoranthene	15.051	252	690758	42.820	ng	100
90) Benzo(a)pyrene	15.392	252	632800	44.764	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	745243	52.303	ng	99
92) Benzo(g,h,i)perylene	17.433	276	726475	49.674	ng	99

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

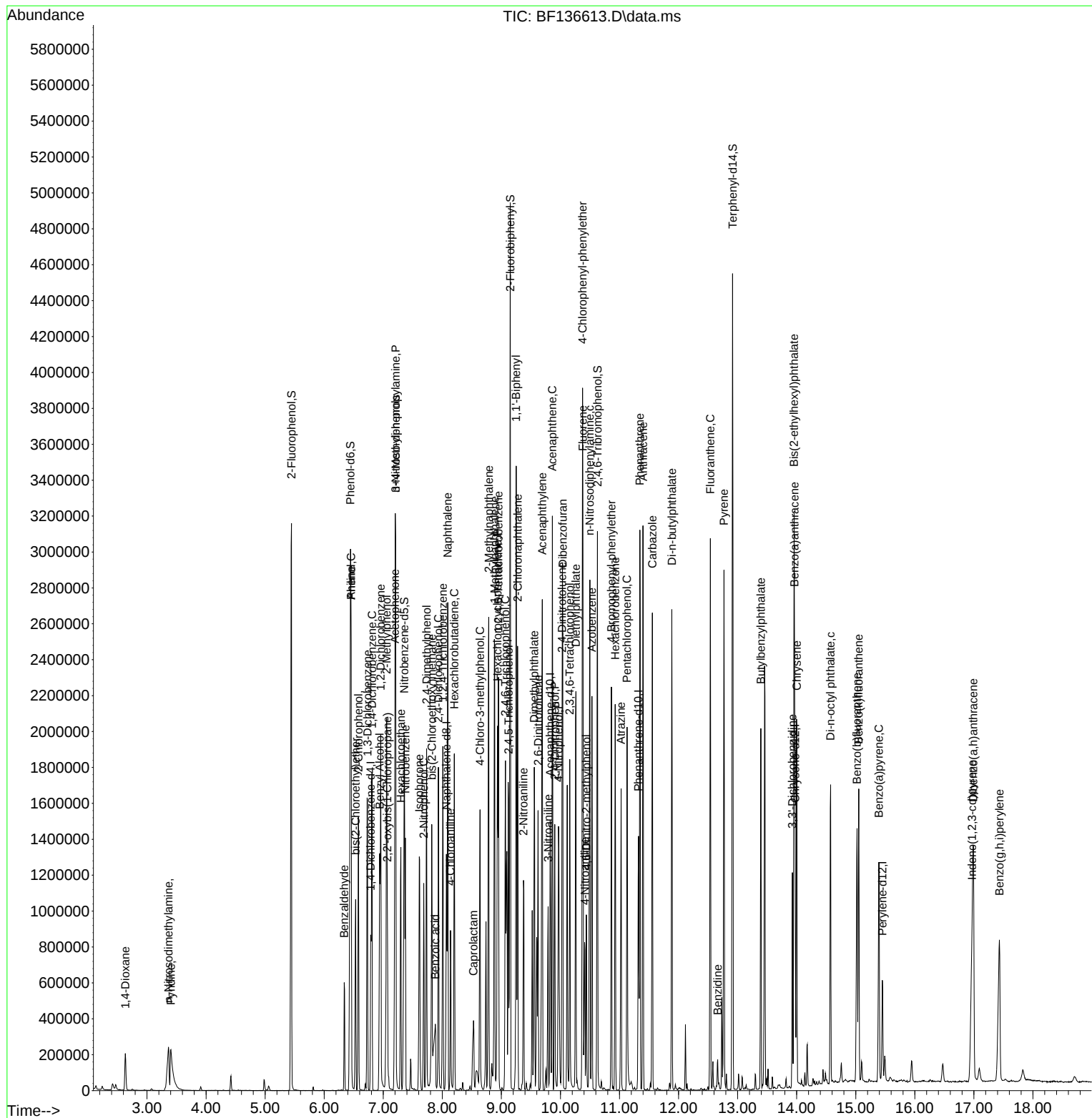
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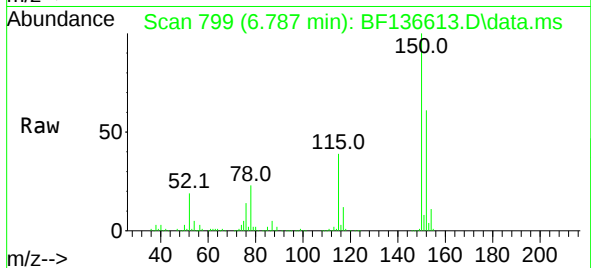
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

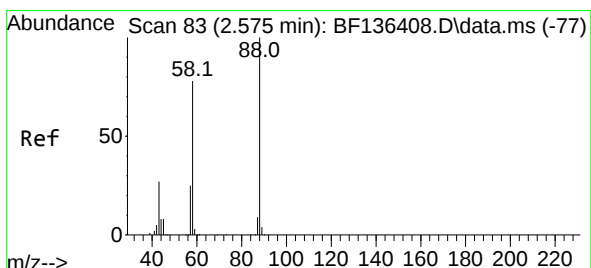
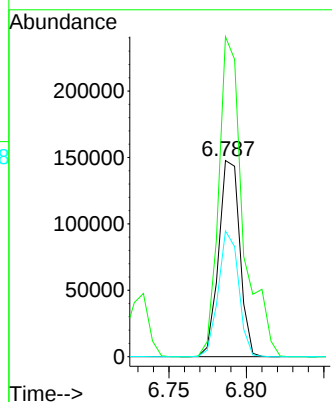
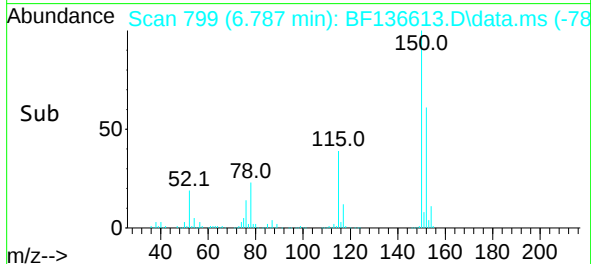
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



Tgt Ion:152 Resp: 13989
Ion Ratio Lower Upper
152 100
150 163.2 126.4 189.6
115 64.1 48.2 72.4

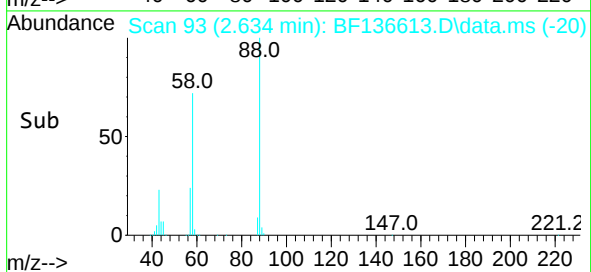
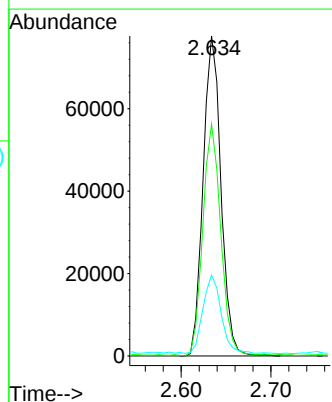
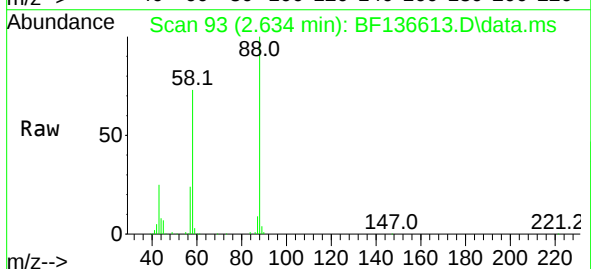
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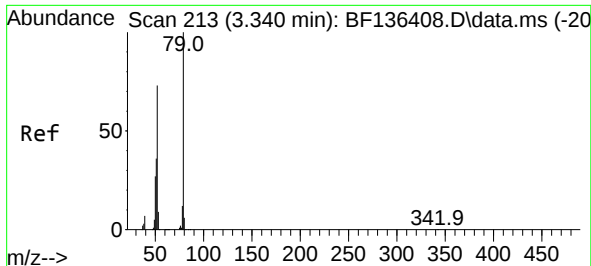
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#2
1,4-Dioxane
Concen: 28.606 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.082 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

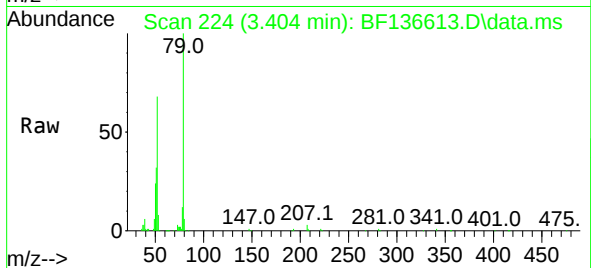
Tgt Ion: 88 Resp: 107182
Ion Ratio Lower Upper
88 100
58 73.1 62.2 93.2
43 25.0 21.5 32.3





#3
 Pyridine
 Concen: 28.681 ng
 RT: 3.404 min Scan# 213
 Delta R.T. 0.094 min
 Lab File: BF136613.D
 Acq: 18 Dec 2023 14:24

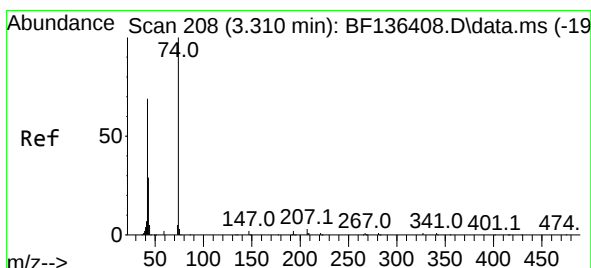
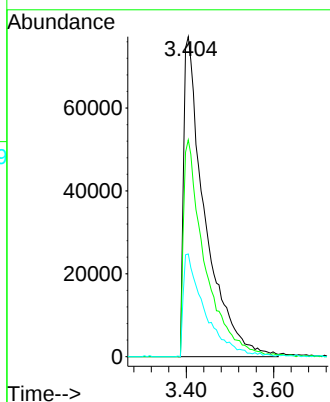
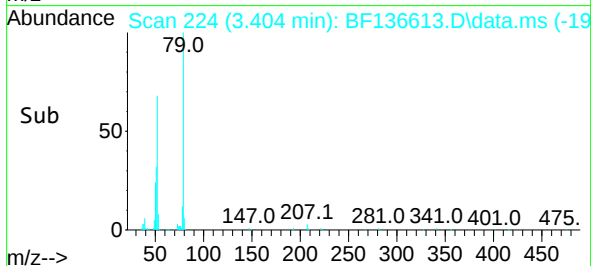
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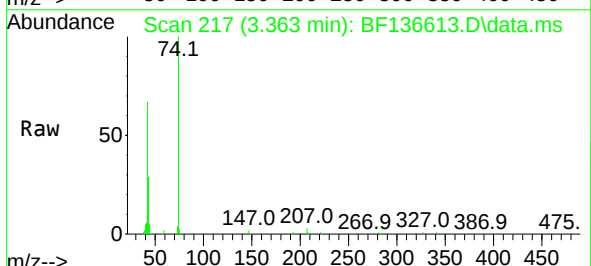
Tgt Ion: 79 Resp: 26024
 Ion Ratio Lower Upper
 79 100
 52 67.8 58.2 87.2
 51 32.1 29.1 43.7

Manual Integrations
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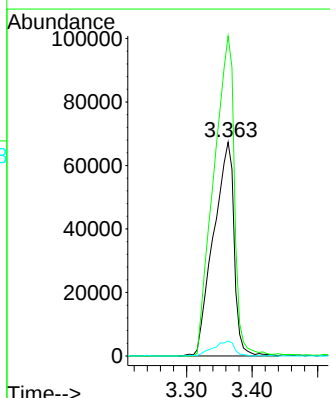
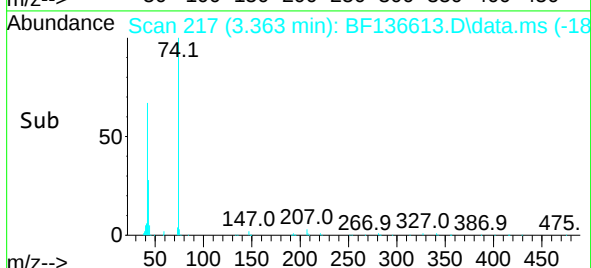
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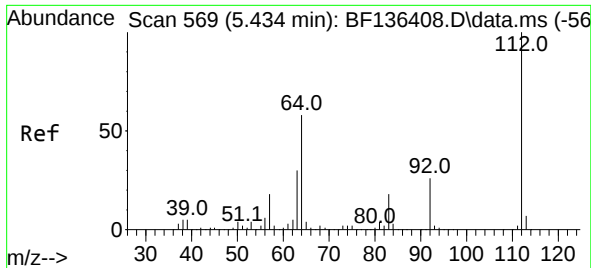


#4
 n-Nitrosodimethylamine
 Concen: 37.174 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.076 min
 Lab File: BF136613.D
 Acq: 18 Dec 2023 14:24



Tgt Ion: 42 Resp: 146545
 Ion Ratio Lower Upper
 42 100
 74 149.7 115.4 173.0
 44 7.0 6.2 9.2





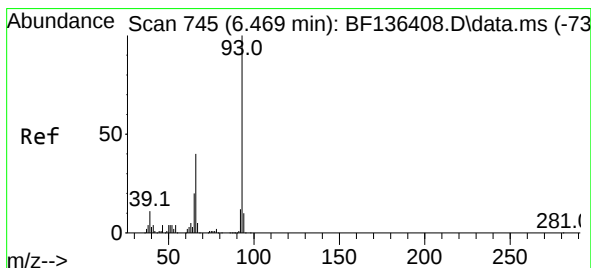
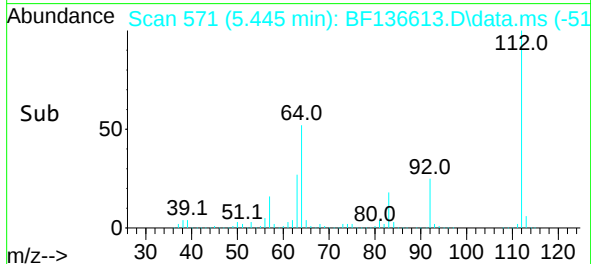
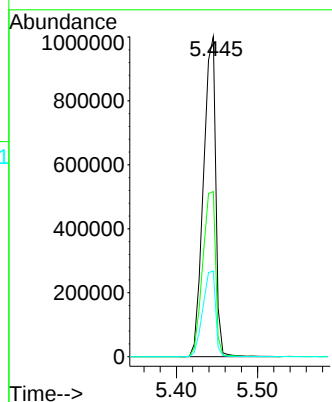
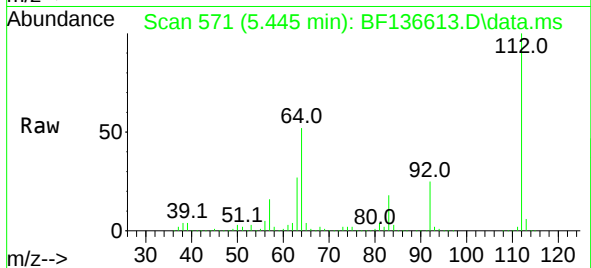
#5
2-Fluorophenol
Concen: 110.943 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :
BNA_F
ClientSampleId :
PB157801BSD

Tgt Ion:112 Resp: 105094
Ion Ratio Lower Upper
112 100
64 51.6 46.5 69.7
63 26.7 23.9 35.9

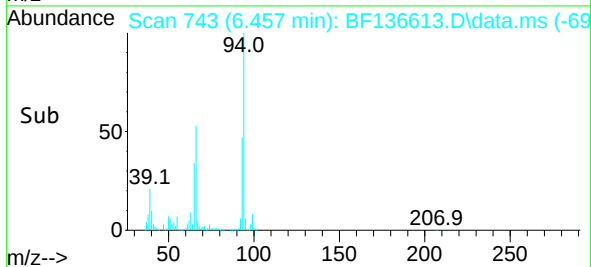
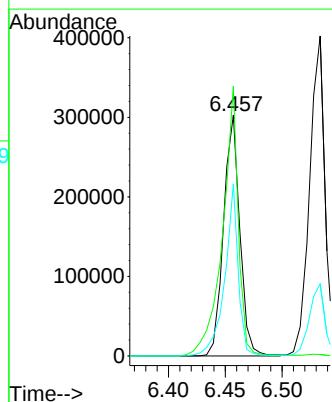
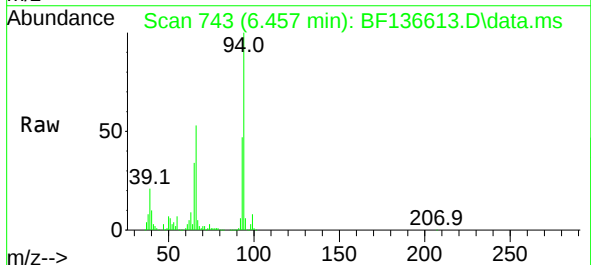
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#6
Aniline
Concen: 25.336 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

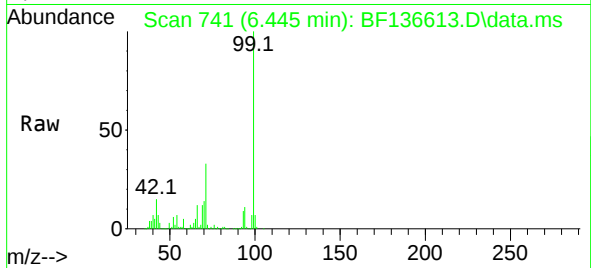
Tgt Ion: 93 Resp: 302624
Ion Ratio Lower Upper
93 100
66 112.1 32.5 48.7#
65 71.6 16.4 24.6#





#7
Phenol-d6
Concen: 107.407 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

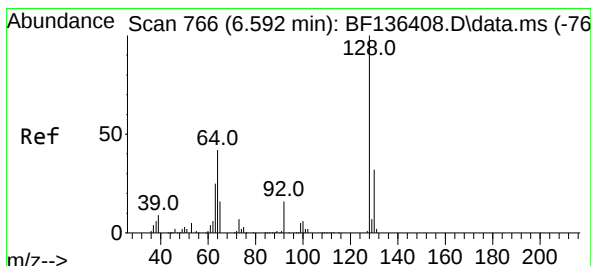
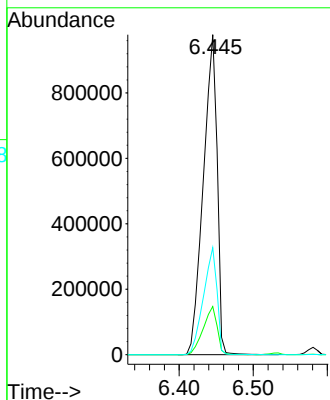
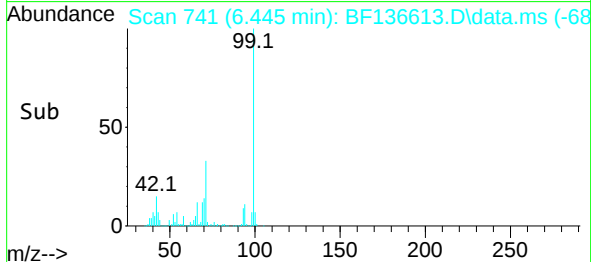
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Tgt Ion: 99 Resp: 126942
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 33.4 27.0 40.4

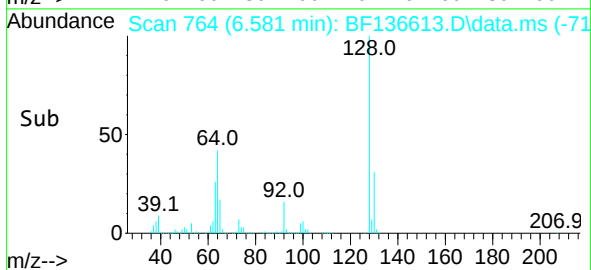
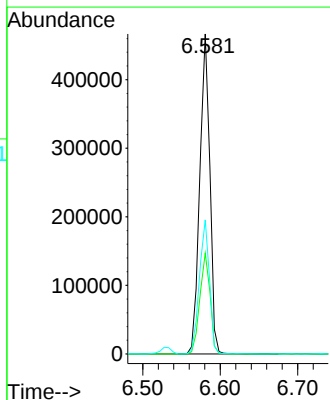
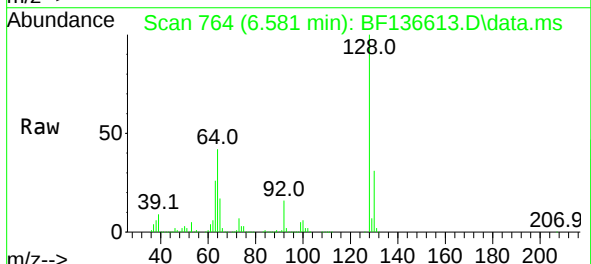
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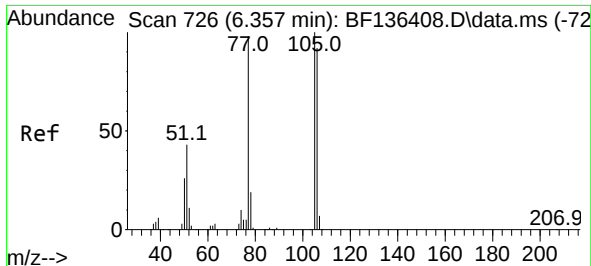
Reviewed By :Yogesh Patel 12/19/2023
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#8
2-Chlorophenol
Concen: 40.765 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

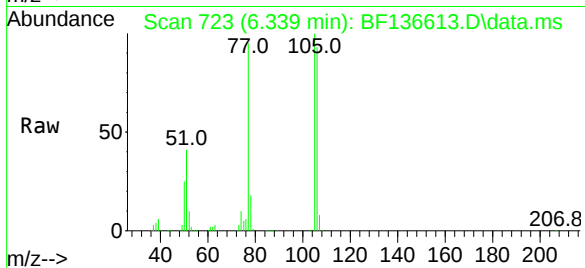
Tgt Ion:128 Resp: 421565
Ion Ratio Lower Upper
128 100
130 31.5 11.7 51.7
64 41.9 22.5 62.5





#9
Benzaldehyde
Concen: 16.474 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136613.D
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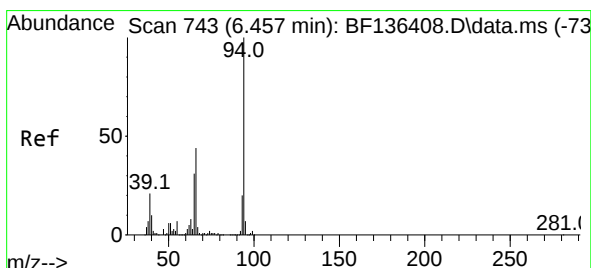
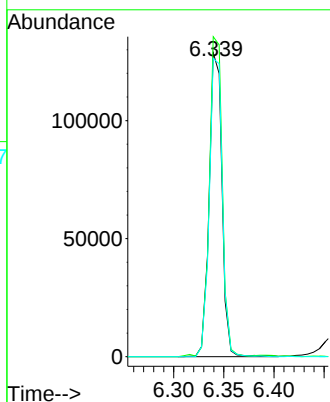
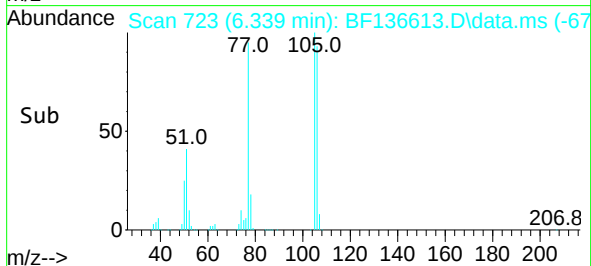
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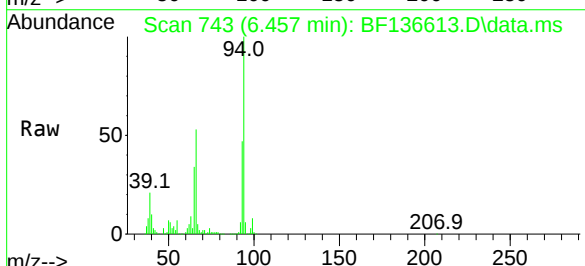
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Ion Ratio Lower Upper
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105 105.3 82.5 122.5
106 98.1 74.5 114.5

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APPROVED

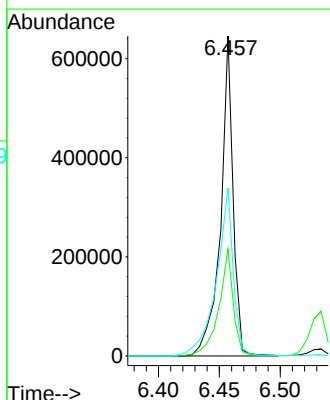
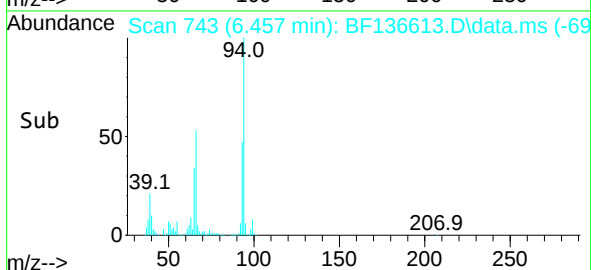
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

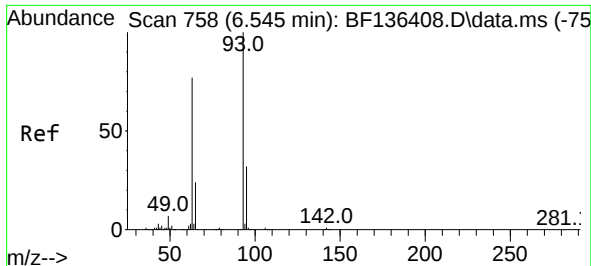


#10
Phenol
Concen: 36.838 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



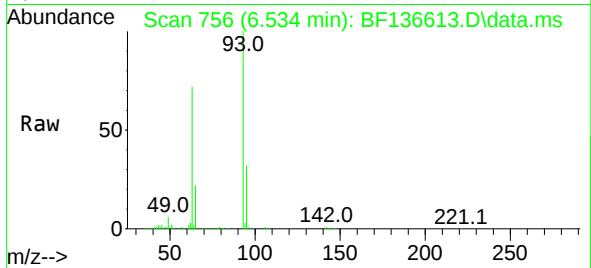
Tgt Ion: 94 Resp: 463288
Ion Ratio Lower Upper
94 100
65 33.5 11.2 51.2
66 52.5 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 39.579 ng
RT: 6.534 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

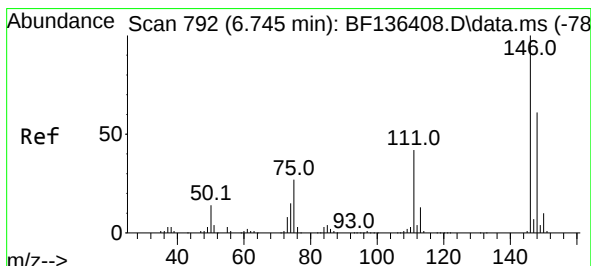
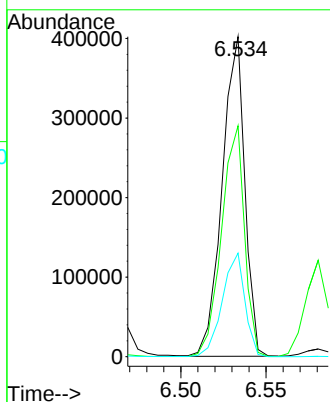
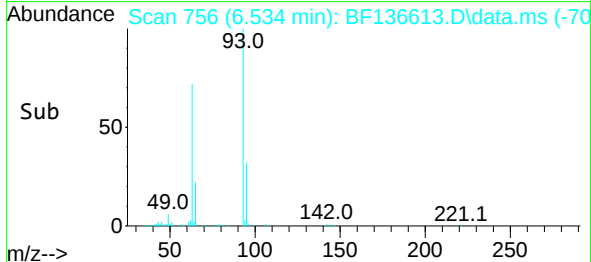
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



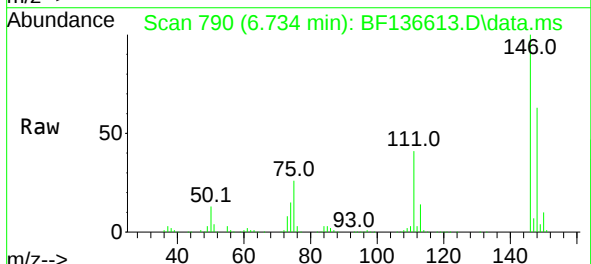
Tgt Ion: 93 Resp: 37102
Ion Ratio Lower Upper
93 100
63 72.2 56.8 96.8
95 32.3 11.8 51.8

Manual Integrations
APPROVED

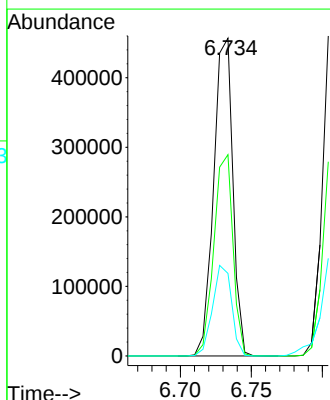
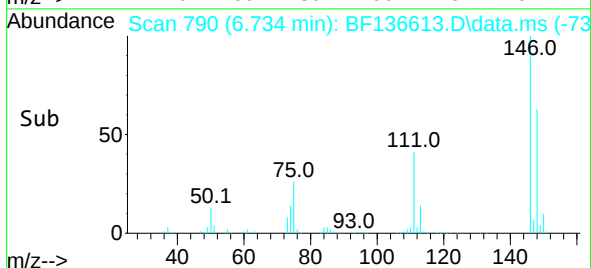
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

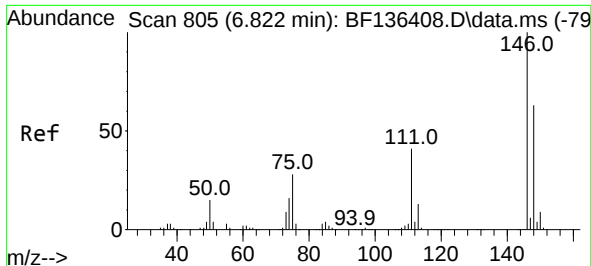


#12
1,3-Dichlorobenzene
Concen: 36.925 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



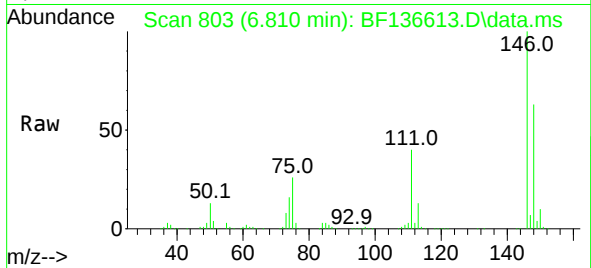
Tgt Ion:146 Resp: 429444
Ion Ratio Lower Upper
146 100
148 63.3 49.0 73.6
75 26.0 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 37.468 ng
RT: 6.810 min Scan# 805
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

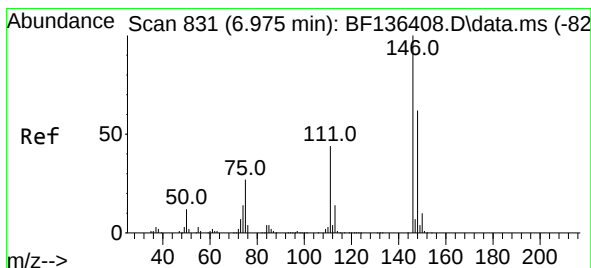
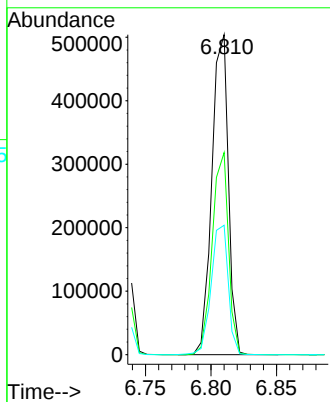
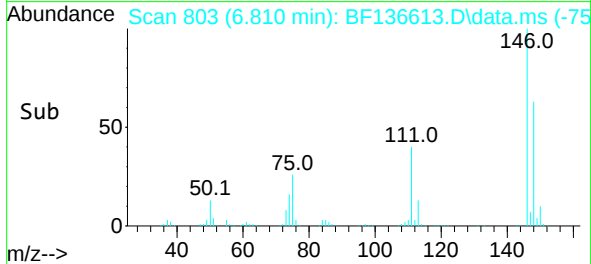
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



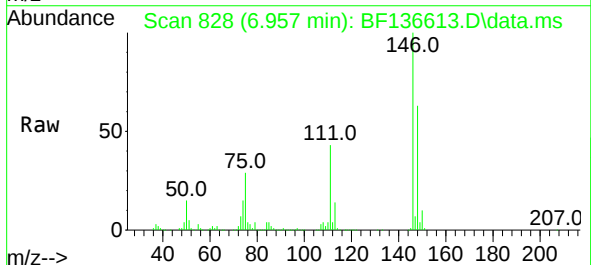
Tgt Ion:146 Resp: 442039
Ion Ratio Lower Upper
146 100
148 63.1 50.3 75.5
111 40.5 32.6 49.0

Manual Integrations
APPROVED

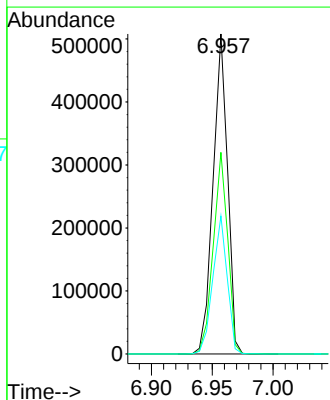
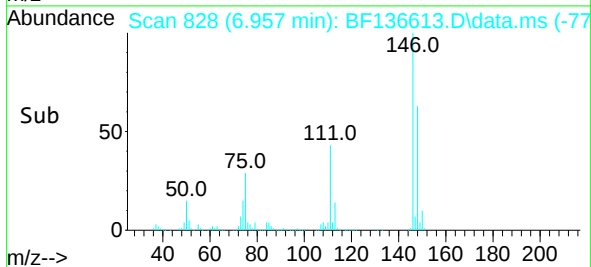
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

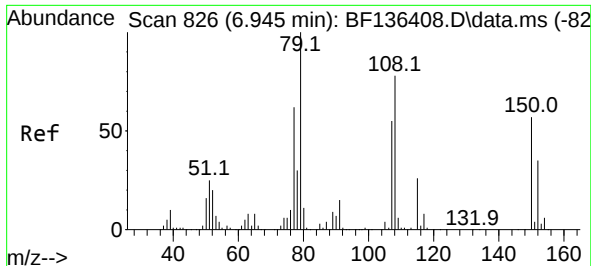


#14
1,2-Dichlorobenzene
Concen: 37.996 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



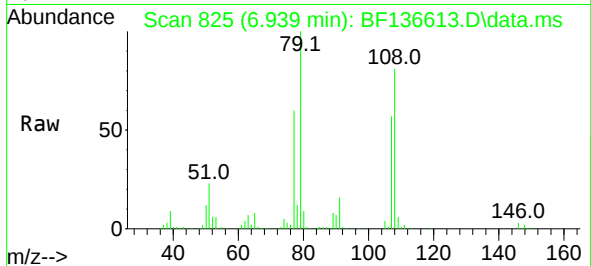
Tgt Ion:146 Resp: 421533
Ion Ratio Lower Upper
146 100
148 63.0 49.8 74.6
111 43.1 34.9 52.3





#15
Benzyl Alcohol
Concen: 40.790 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

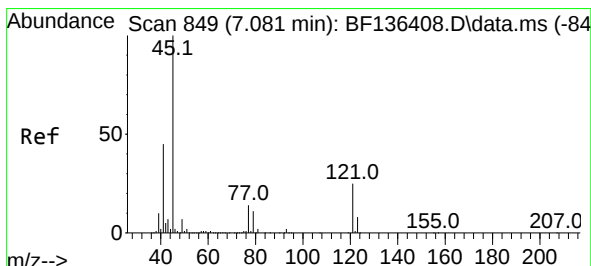
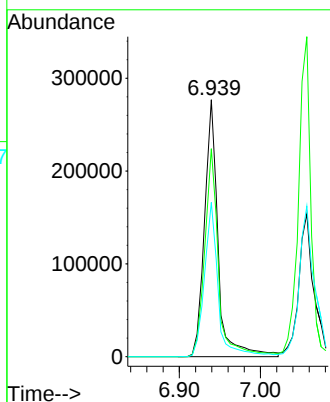
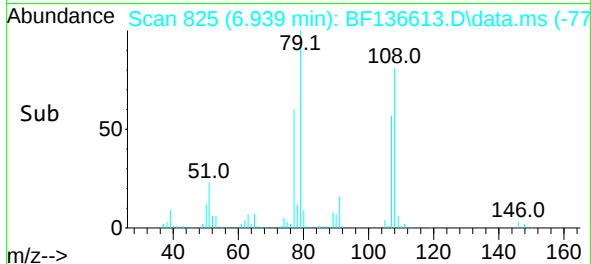
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



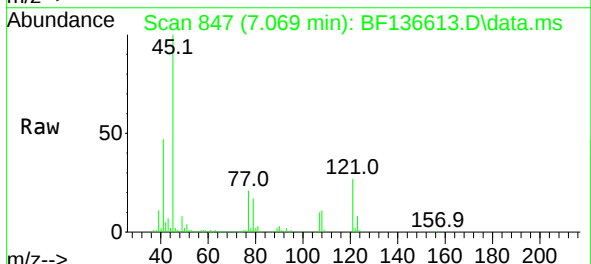
Tgt Ion: 79 Resp: 32282
Ion Ratio Lower Upper
79 100
108 80.9 62.3 93.5
77 60.0 49.8 74.8

Manual Integrations
APPROVED

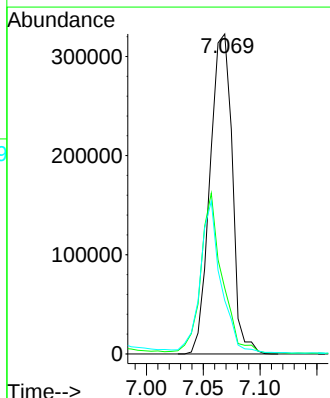
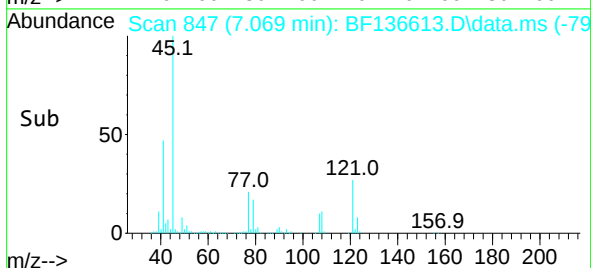
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

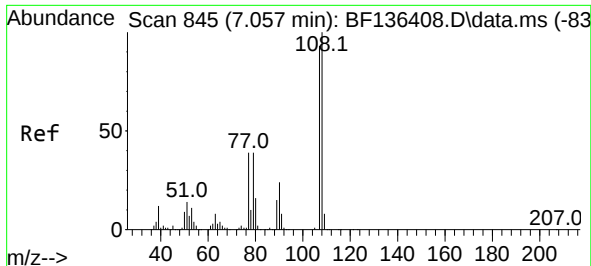


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.370 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



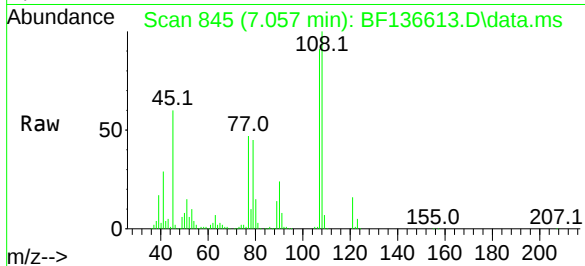
Tgt Ion: 45 Resp: 438500
Ion Ratio Lower Upper
45 100
77 20.6 0.0 35.3
79 16.7 0.0 32.5





#17
2-Methylphenol
Concen: 39.261 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

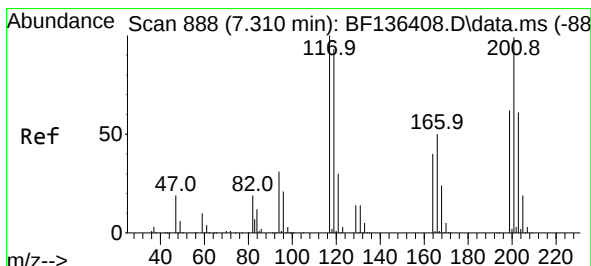
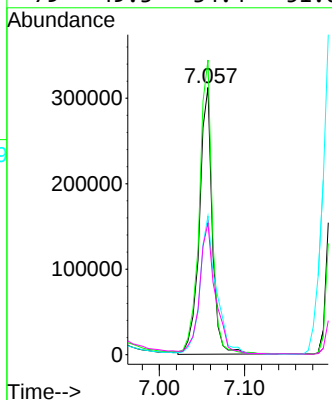
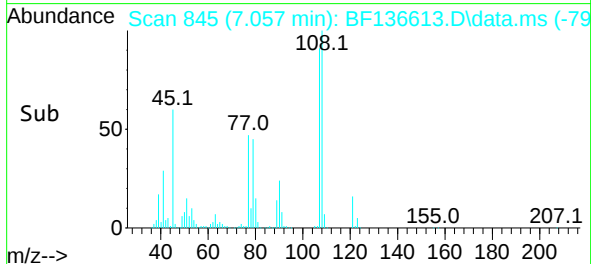
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



Tgt Ion:	107	Resp:	328024
Ion Ratio	Lower	Upper	
107	100		
108	110.3	86.5	129.7
77	51.9	33.8	50.8
79	49.3	34.4	51.6

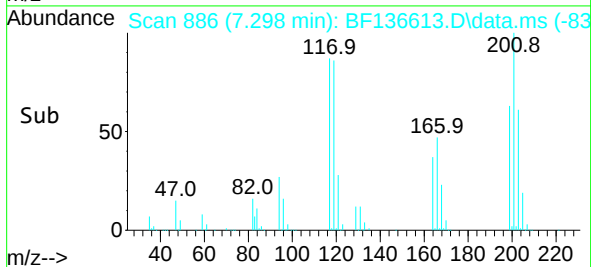
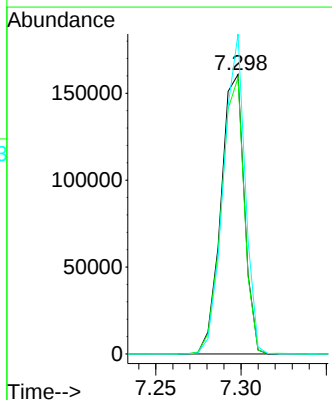
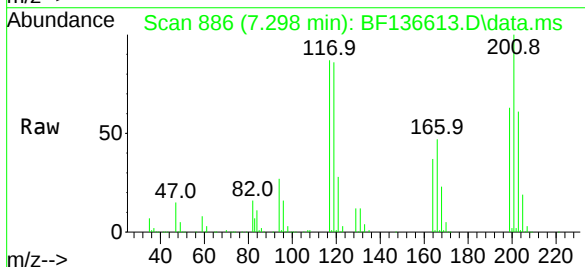
Manual Integrations
APPROVED

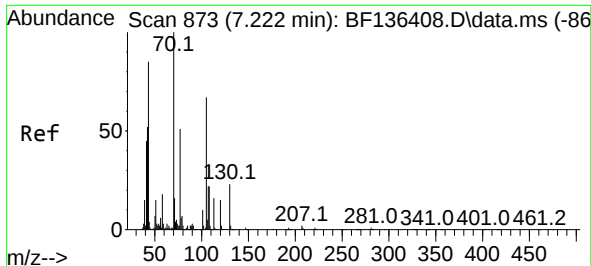
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#18
Hexachloroethane
Concen: 37.252 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

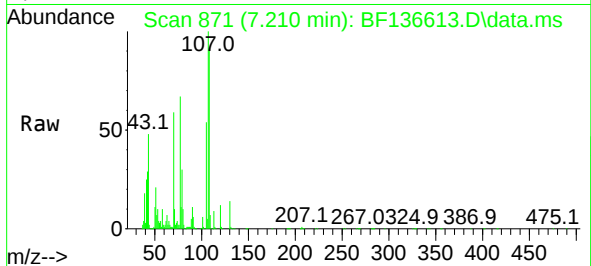
Tgt Ion:	117	Resp:	153441
Ion Ratio	Lower	Upper	
117	100		
119	98.9	74.3	111.5
201	114.5	79.3	118.9





#19
n-Nitroso-di-n-propylamine
Concen: 37.873 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

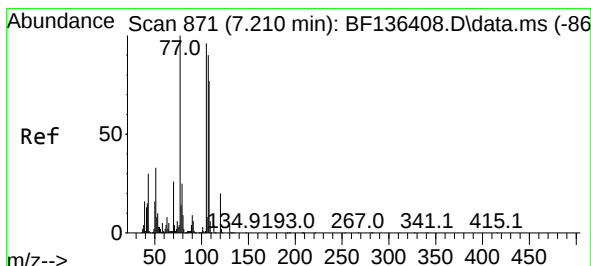
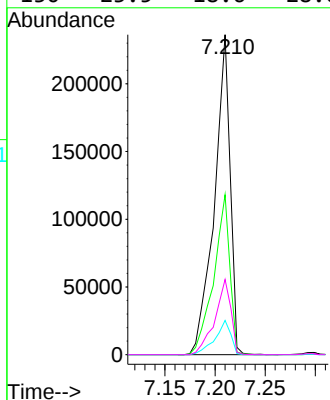
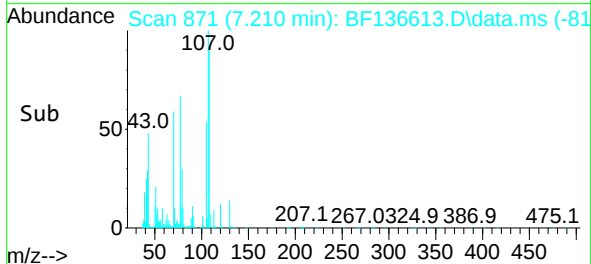
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



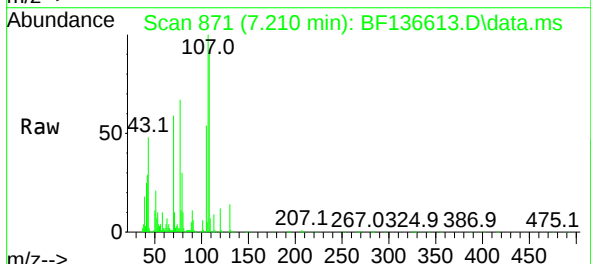
Tgt Ion: 70 Resp: 258209
Ion Ratio Lower Upper
70 100
42 50.0 41.4 62.0
101 10.7 8.2 12.4
130 23.5 18.6 28.0

Manual Integrations
APPROVED

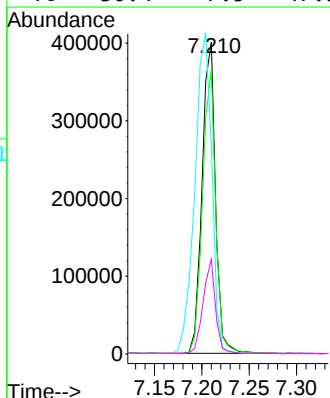
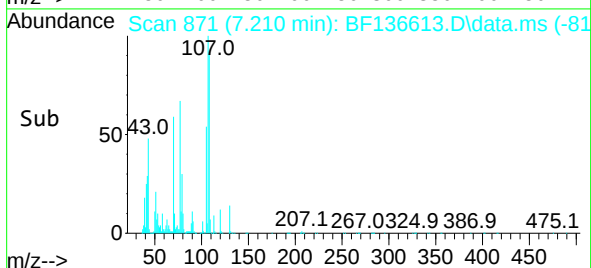
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

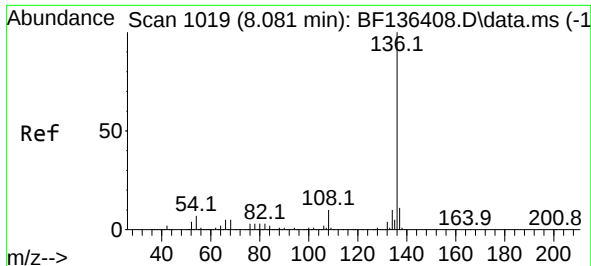


#20
3+4-Methylphenols
Concen: 38.019 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



Tgt Ion:107 Resp: 394272
Ion Ratio Lower Upper
107 100
108 90.9 65.9 105.9
77 67.0 91.7 131.7#
79 30.4 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

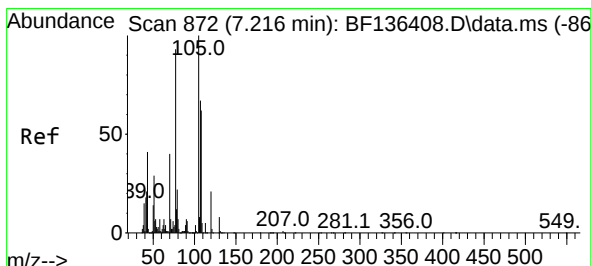
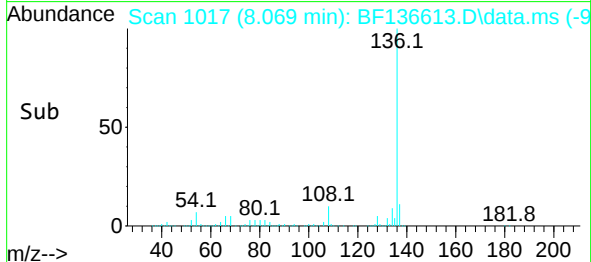
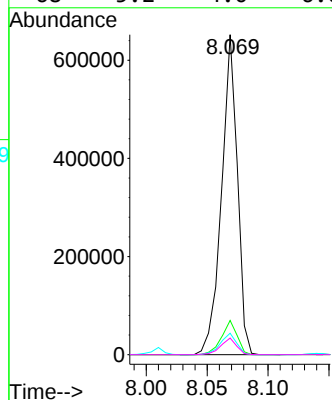
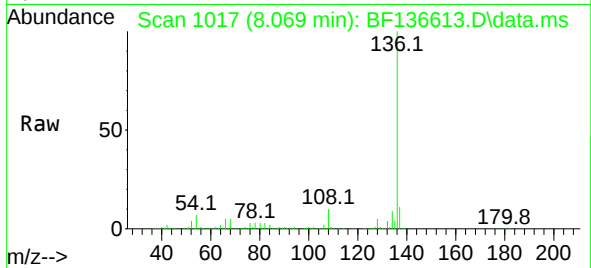
ClientSampleId :

PB157801BSD

Tgt Ion:136 Resp: 590724
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.7 5.7 8.5
68 5.2 4.0 6.0

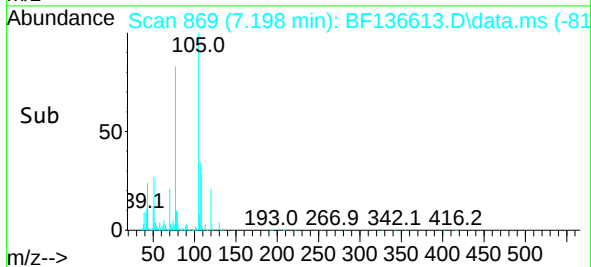
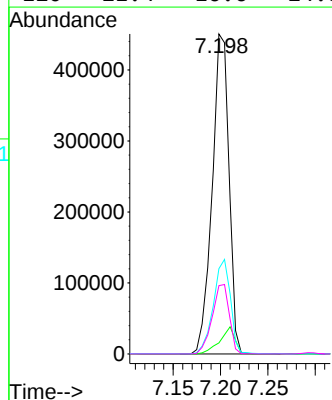
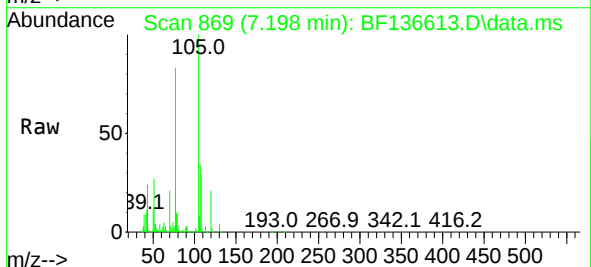
Manual Integrations
APPROVED

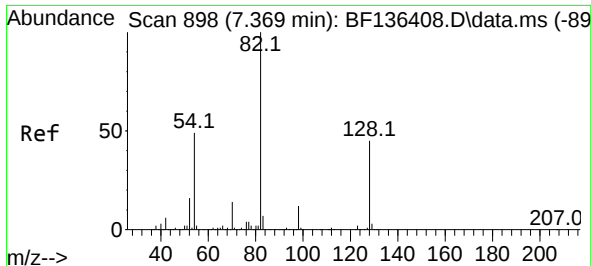
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#22
Acetophenone
Concen: 38.075 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

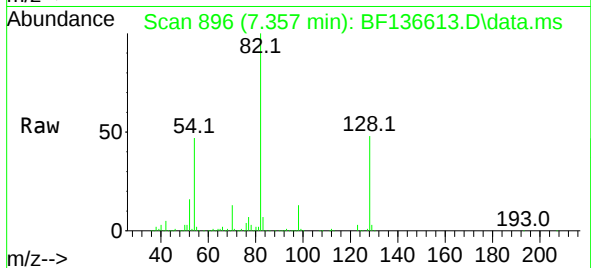
Tgt Ion:105 Resp: 555403
Ion Ratio Lower Upper
105 100
71 3.4 5.4 8.0#
51 26.6 23.4 35.2
120 21.4 16.6 24.8





#23
Nitrobenzene-d5
Concen: 71.340 ng
RT: 7.357 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

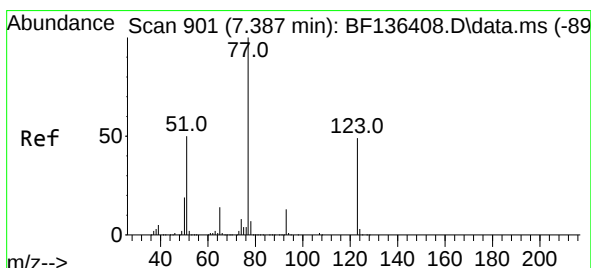
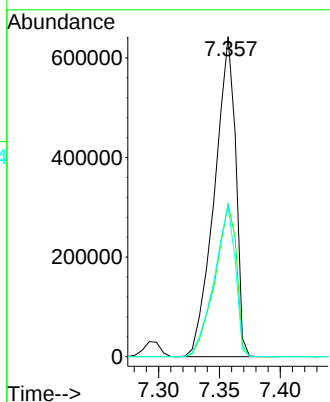
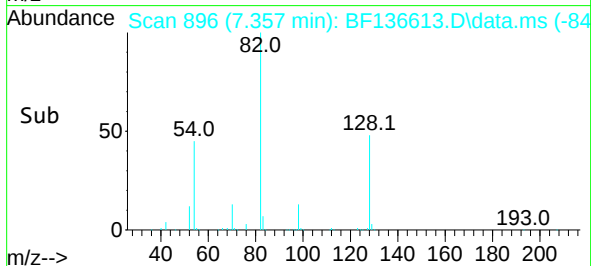
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



Tgt Ion: 82 Resp: 779538
Ion Ratio Lower Upper
82 100
128 47.6 36.3 54.5
54 47.0 39.0 58.6

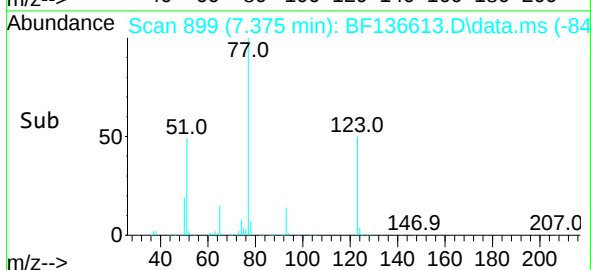
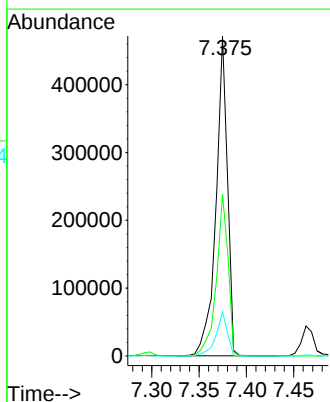
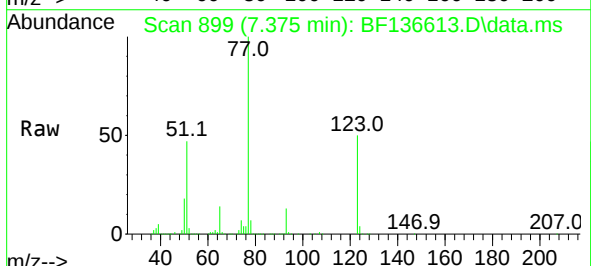
Manual Integrations
APPROVED

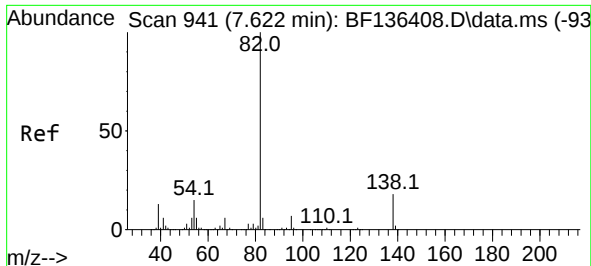
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#24
Nitrobenzene
Concen: 36.278 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Tgt Ion: 77 Resp: 398787
Ion Ratio Lower Upper
77 100
123 50.5 39.0 58.6
65 13.8 11.3 16.9





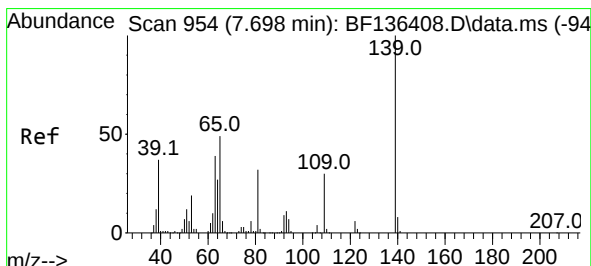
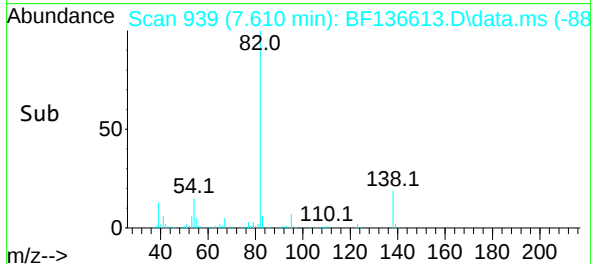
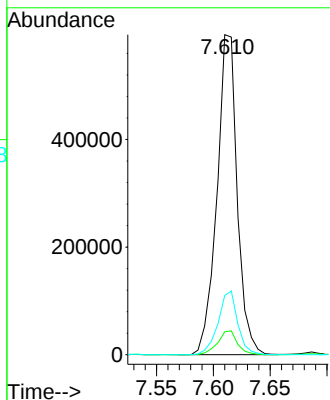
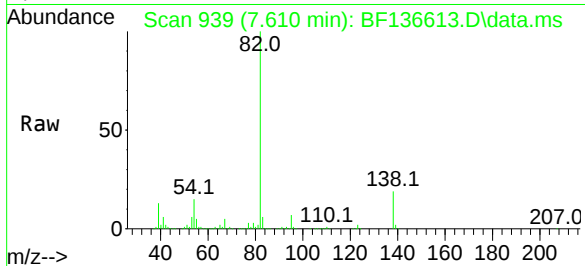
#25
Isophorone
Concen: 37.768 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :
BNA_F
ClientSampleId :
PB157801BSD

Tgt Ion: 82 Resp: 741454
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.5 14.5 21.7

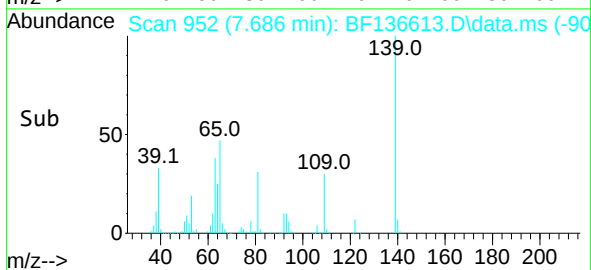
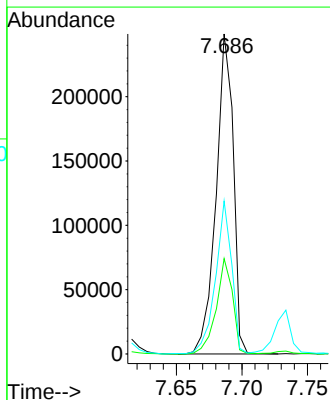
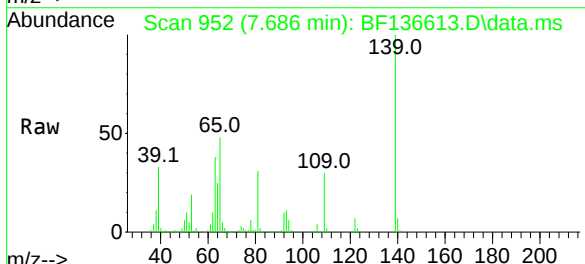
Manual Integrations
APPROVED

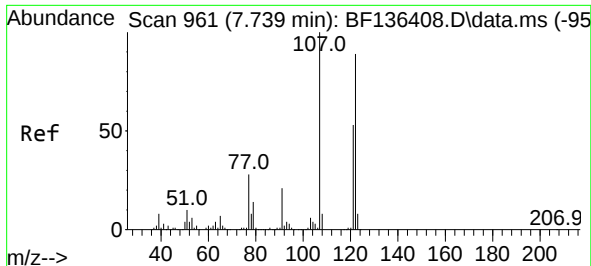
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#26
2-Nitrophenol
Concen: 41.868 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Tgt Ion:139 Resp: 226258
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 47.8 39.4 59.2





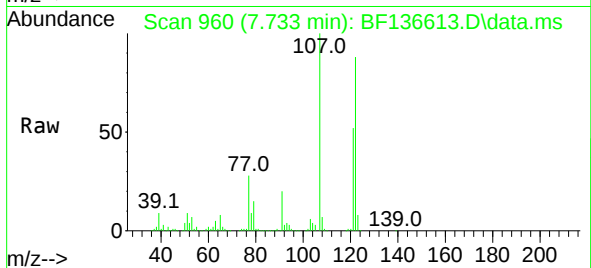
#27
2,4-Dimethylphenol
Concen: 50.233 ng
RT: 7.733 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

ClientSampleId :

PB157801BSD



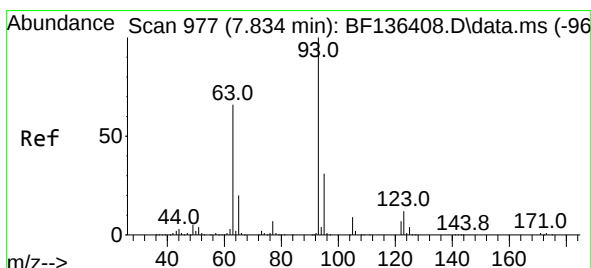
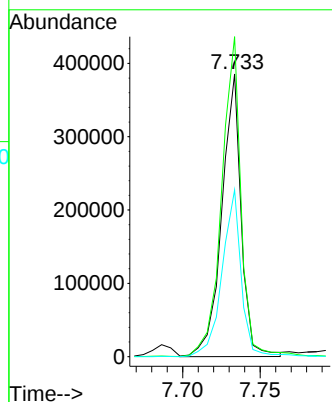
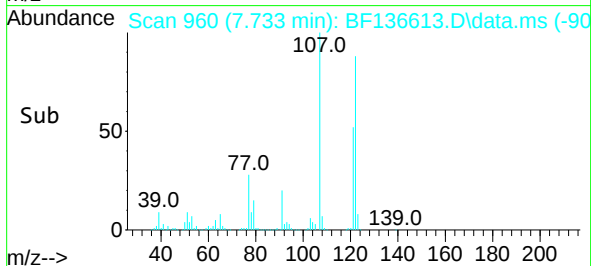
Tgt Ion:122 Resp: 33472
Ion Ratio Lower Upper
122 100
107 113.2 89.3 133.9
121 59.0 47.6 71.4

Manual Integrations

APPROVED

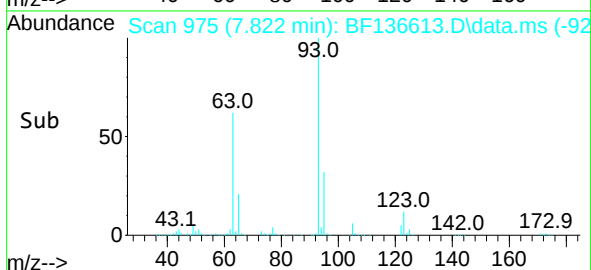
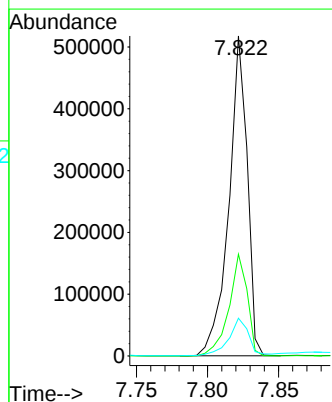
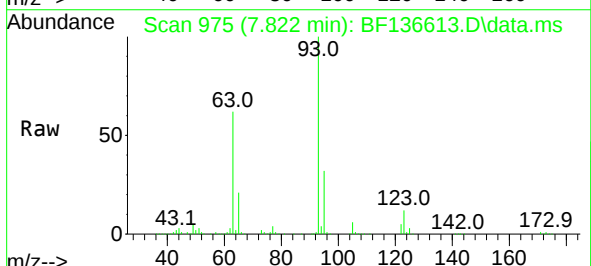
Reviewed By :Yogesh Patel 12/19/2023

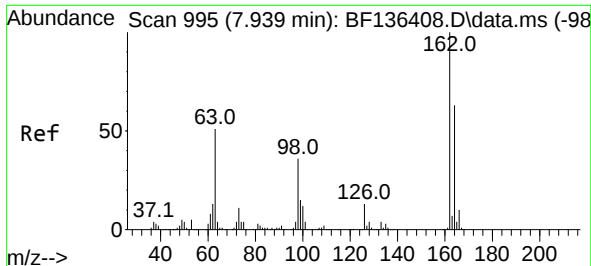
Supervised By :mohammad ahmed 12/19/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.534 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Tgt Ion: 93 Resp: 464844
Ion Ratio Lower Upper
93 100
95 31.8 25.0 37.4
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.372 ng

RT: 7.933 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF136613.D

Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

ClientSampleId :

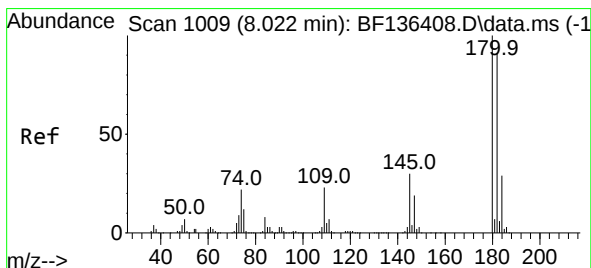
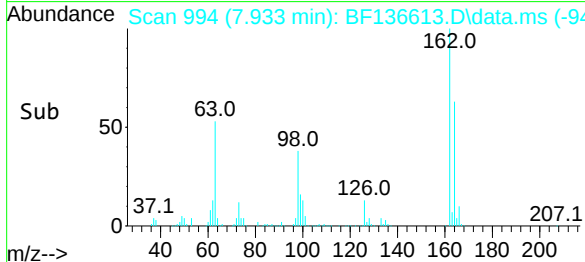
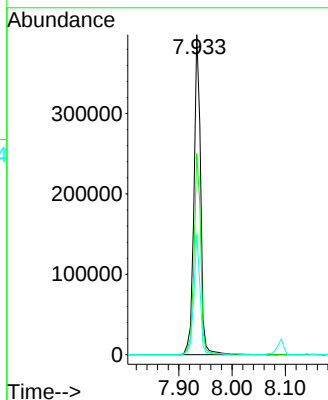
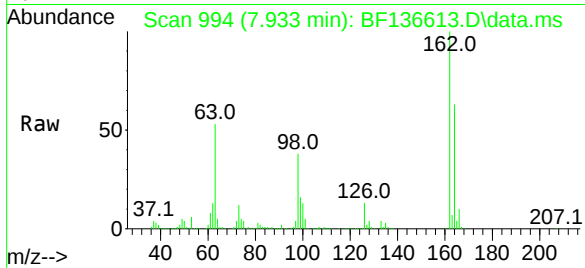
PB157801BSD

Tgt Ion:162 Resp: 346293
 Ion Ratio Lower Upper
 162 100
 164 62.8 43.0 83.0
 98 37.7 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.966 ng

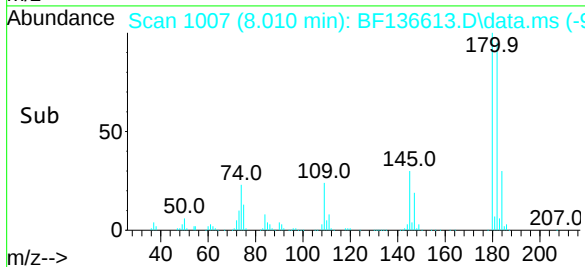
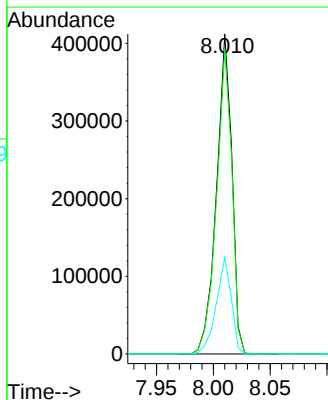
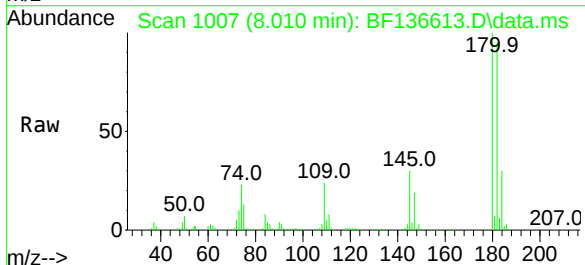
RT: 8.010 min Scan# 1007

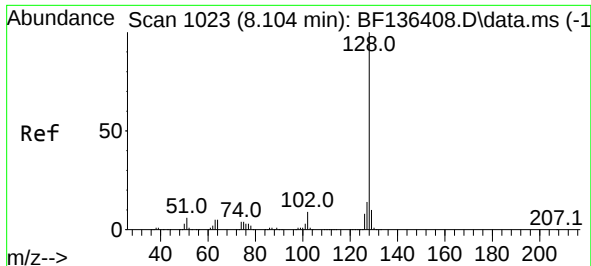
Delta R.T. -0.000 min

Lab File: BF136613.D

Acq: 18 Dec 2023 14:24

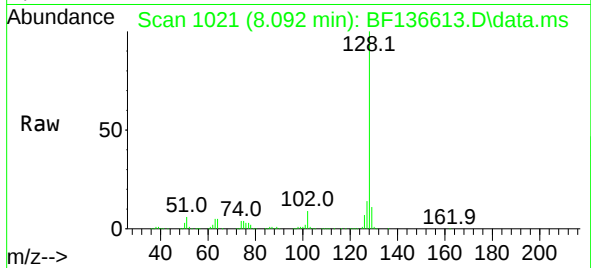
Tgt Ion:180 Resp: 389378
 Ion Ratio Lower Upper
 180 100
 182 95.0 73.1 109.7
 145 30.1 23.8 35.8





#31
Naphthalene
Concen: 36.655 ng
RT: 8.092 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

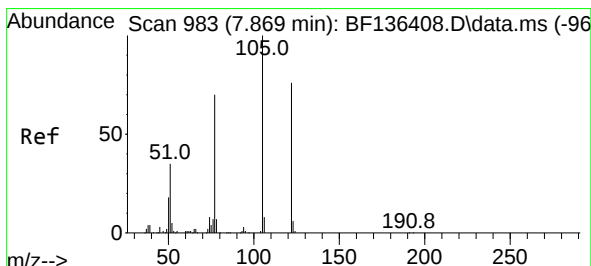
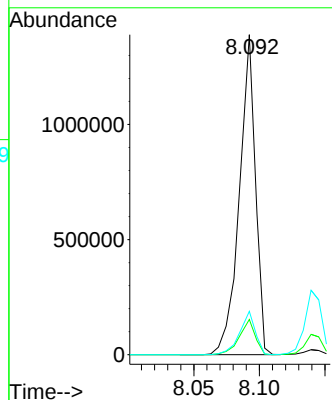
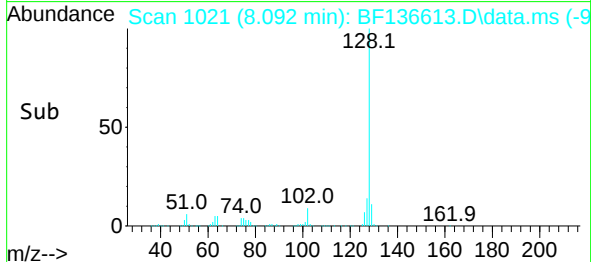
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



Tgt Ion:128 Resp: 119407
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.6 11.1 16.7

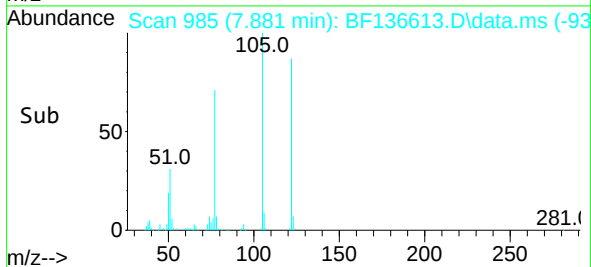
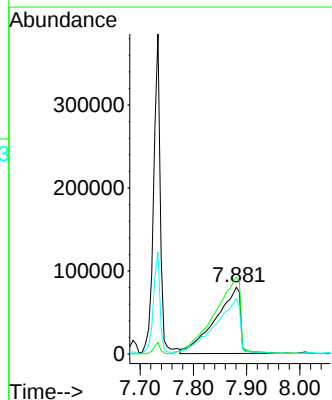
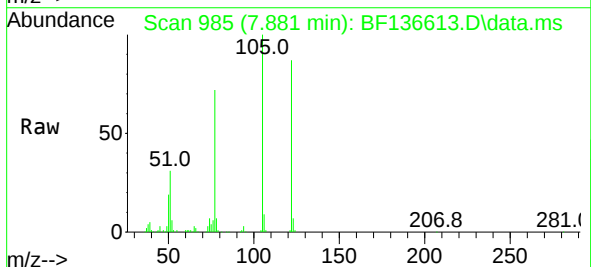
Manual Integrations
APPROVED

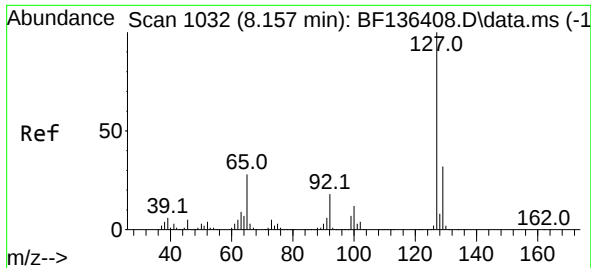
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#32
Benzoic acid
Concen: 39.743 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.023 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Tgt Ion:122 Resp: 262714
Ion Ratio Lower Upper
122 100
105 115.3 104.7 144.7
77 83.1 68.5 108.5





#33
4-Chloroaniline
Concen: 22.769 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

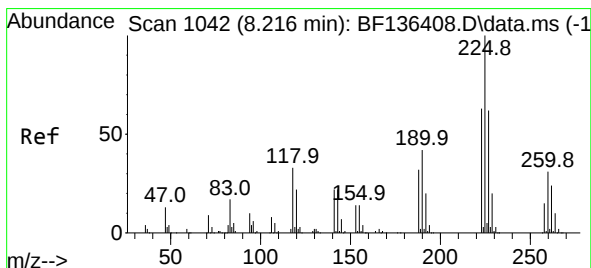
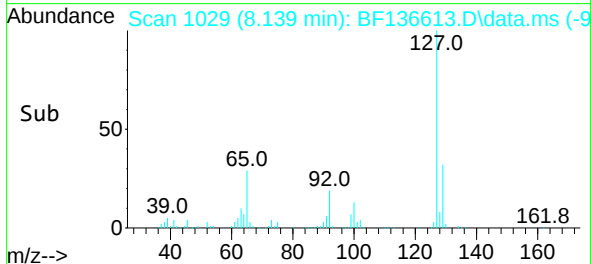
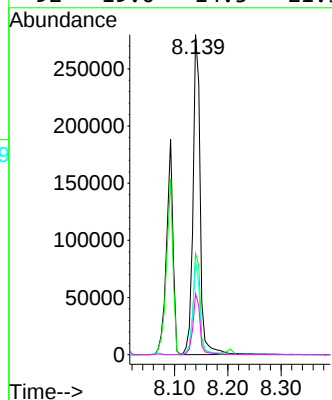
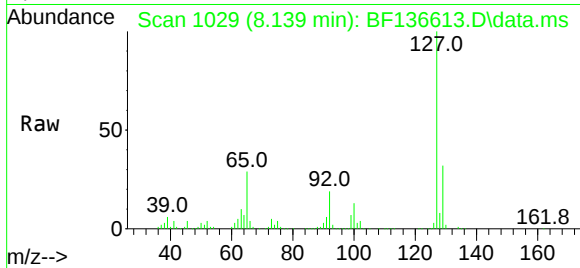
ClientSampleId :

PB157801BSD

Tgt Ion:127 Resp: 26443
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 29.4 22.5 33.7
92 19.0 14.3 21.5

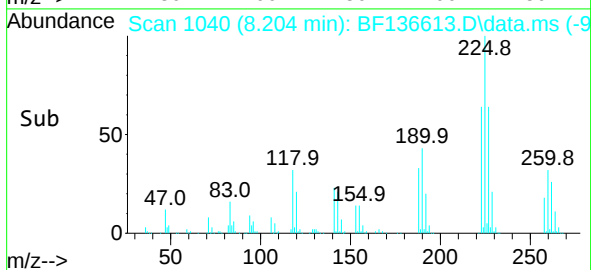
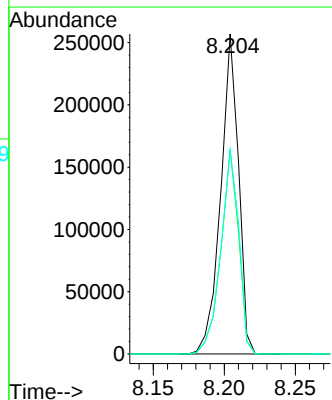
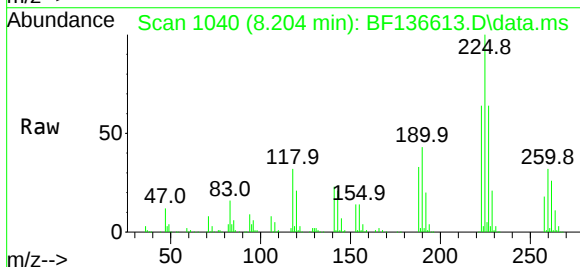
Manual Integrations
APPROVED

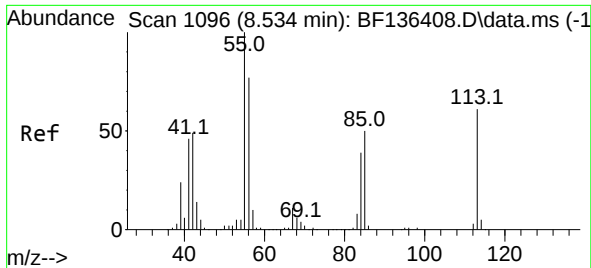
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#34
Hexachlorobutadiene
Concen: 36.763 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

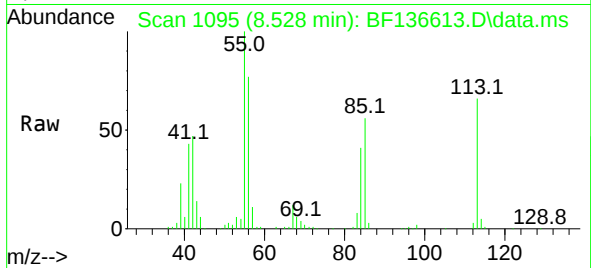
Tgt Ion:225 Resp: 223456
Ion Ratio Lower Upper
225 100
223 63.9 50.8 76.2
227 64.0 49.8 74.8





#35
Caprolactam
Concen: 40.219 ng m
RT: 8.528 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

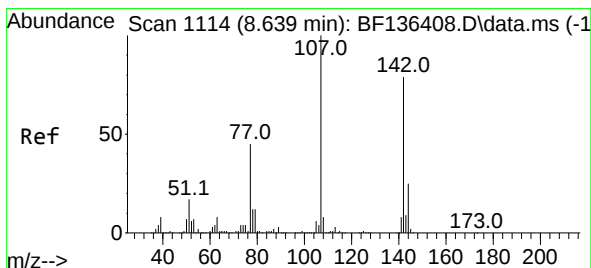
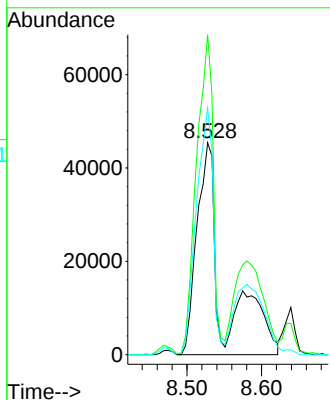
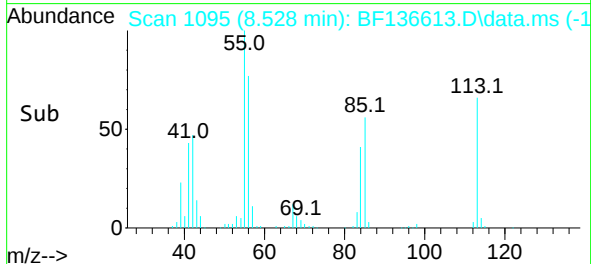
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



Tgt Ion:113 Resp: 10893
Ion Ratio Lower Upper
113 100
55 151.0 143.7 183.7
56 116.2 105.2 145.2

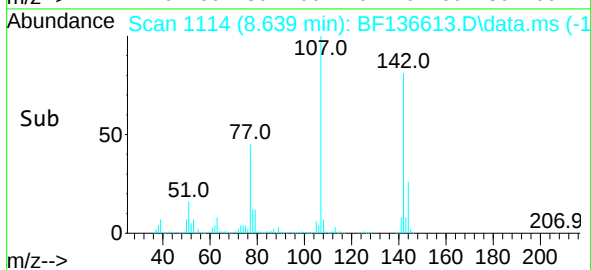
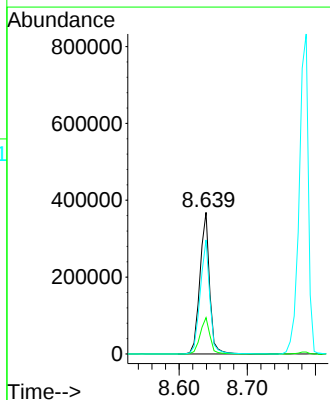
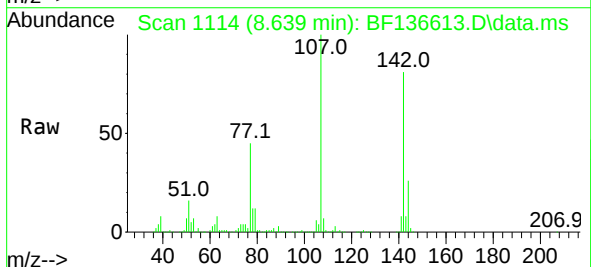
Manual Integrations
APPROVED

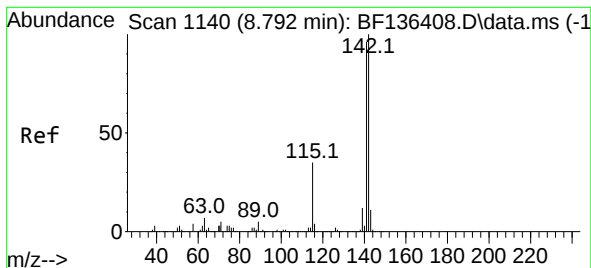
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#36
4-Chloro-3-methylphenol
Concen: 39.008 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Tgt Ion:107 Resp: 364288
Ion Ratio Lower Upper
107 100
144 25.6 20.1 30.1
142 80.6 63.1 94.7





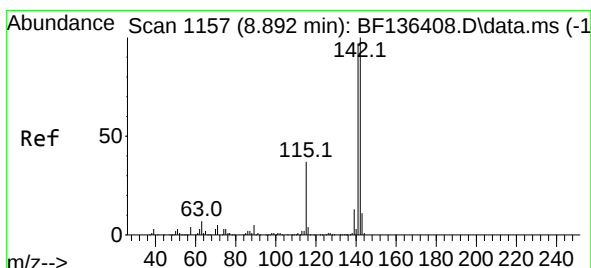
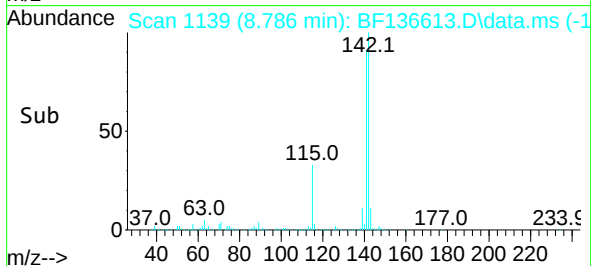
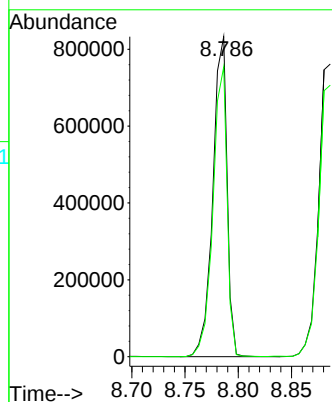
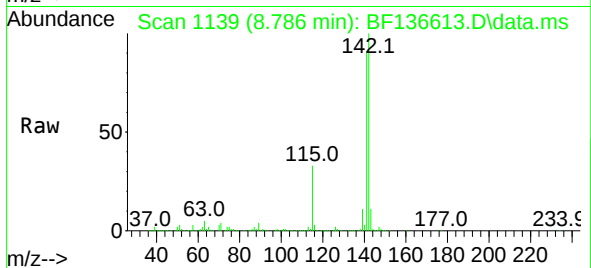
#37
2-Methylnaphthalene
Concen: 37.415 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :
BNA_F
ClientSampleId :
PB157801BSD

Tgt Ion:142 Resp: 775409
Ion Ratio Lower Upper
142 100
141 90.6 76.4 114.6

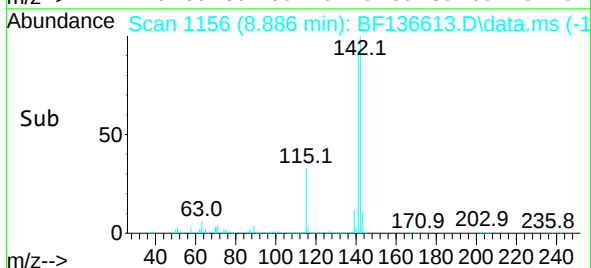
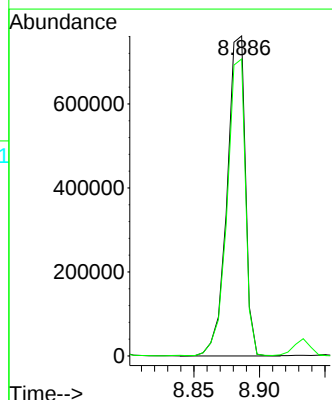
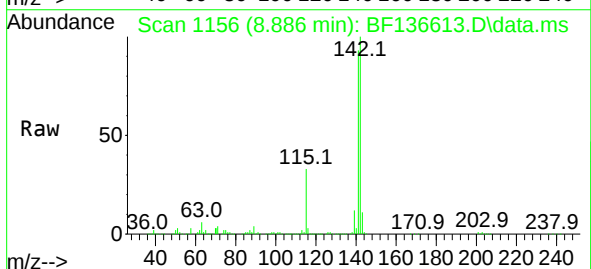
Manual Integrations
APPROVED

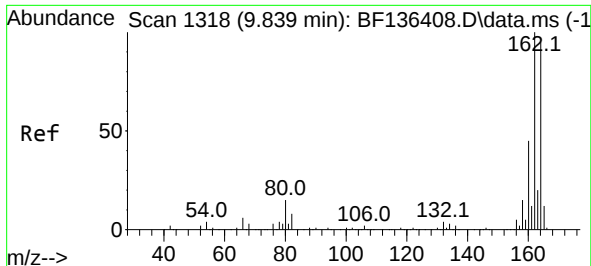
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#38
1-Methylnaphthalene
Concen: 36.417 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Tgt Ion:142 Resp: 740595
Ion Ratio Lower Upper
142 100
141 92.8 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF136613.D

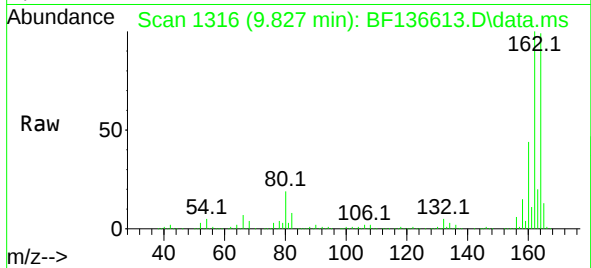
Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

ClientSampleId :

PB157801BSD

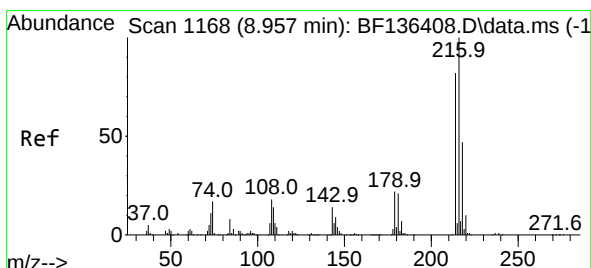
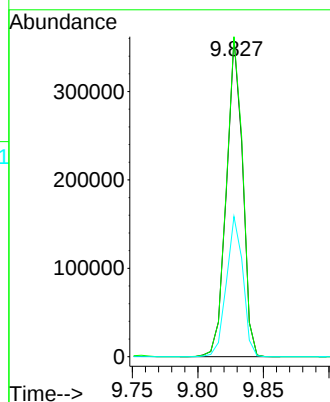
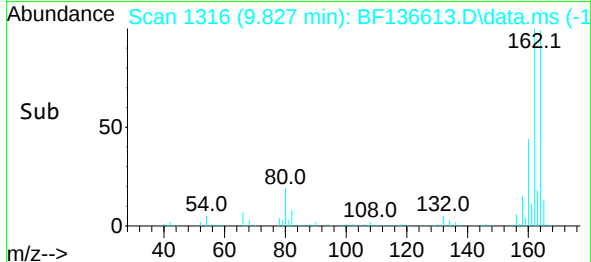


Tgt Ion:164 Resp: 30873

Ion	Ratio	Lower	Upper
164	100		
162	100.6	84.4	126.6
160	44.1	37.6	56.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#40

1,2,4,5-Tetrachlorobenzene

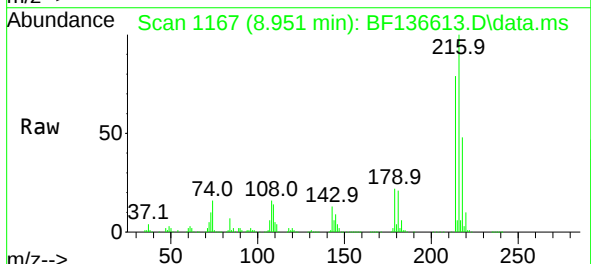
Concen: 39.464 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.006 min

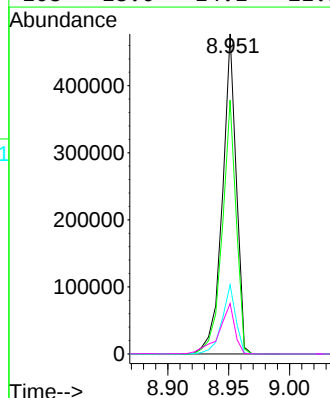
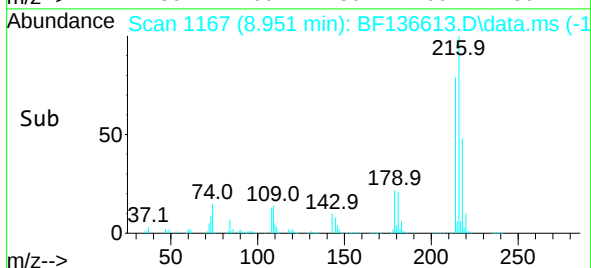
Lab File: BF136613.D

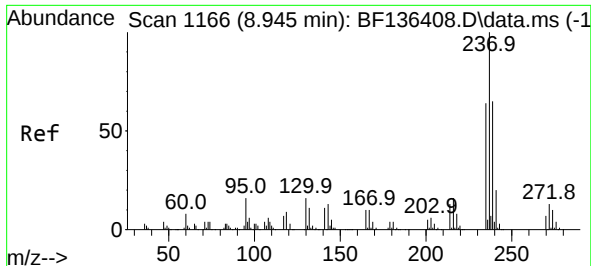
Acq: 18 Dec 2023 14:24



Tgt Ion:216 Resp: 379051

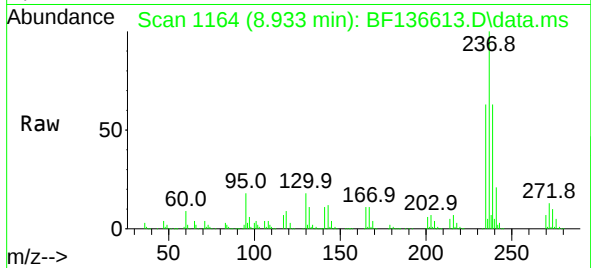
Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.1	96.1
179	21.4	17.0	25.6
108	18.0	14.1	21.1





#41
Hexachlorocyclopentadiene
Concen: 90.985 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

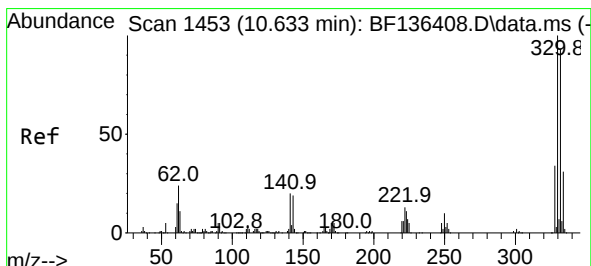
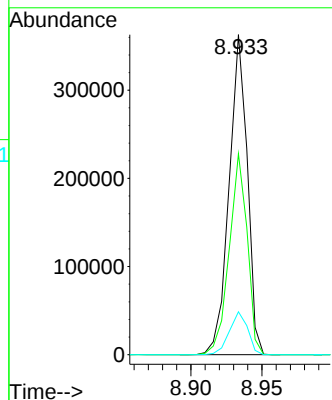
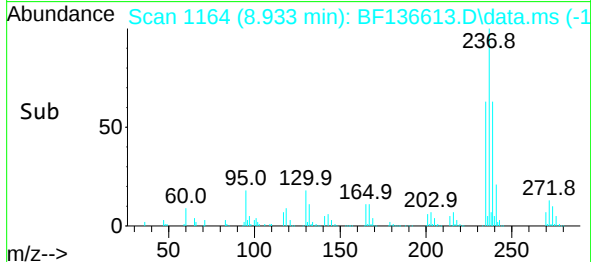
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



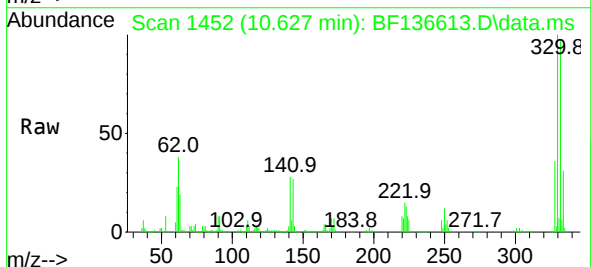
Tgt Ion:237 Resp: 323764
Ion Ratio Lower Upper
237 100
235 62.8 44.1 84.1
272 13.4 0.0 33.3

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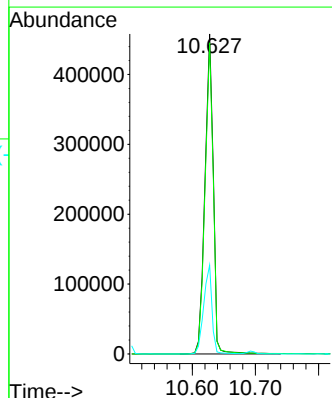
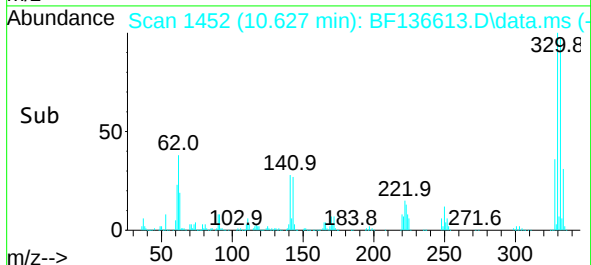
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

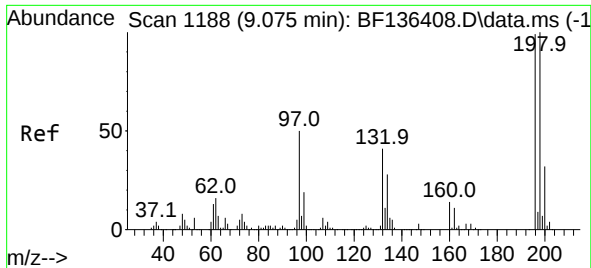


#42
2,4,6-Tribromophenol
Concen: 110.493 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



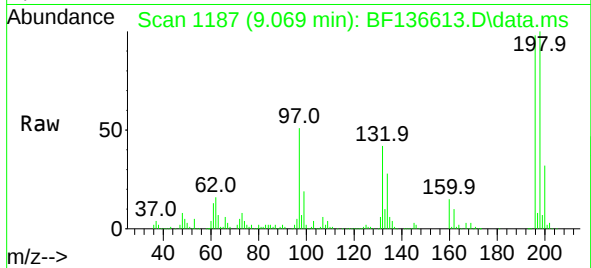
Tgt Ion:330 Resp: 420610
Ion Ratio Lower Upper
330 100
332 96.4 76.4 114.6
141 27.6 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.012 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

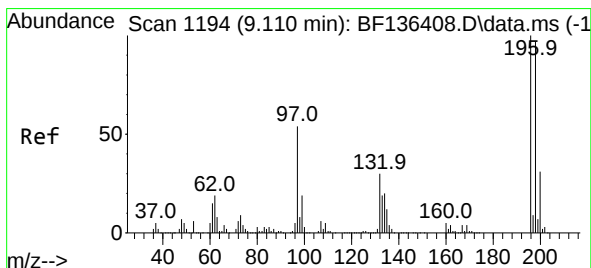
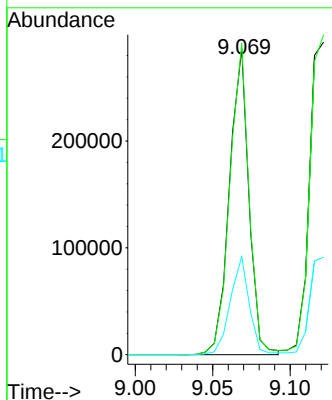
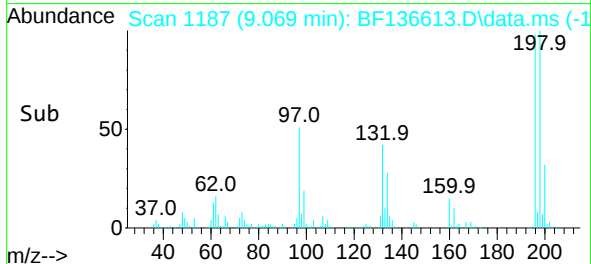
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



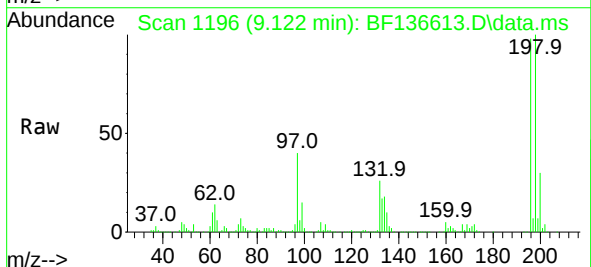
Tgt Ion:196 Resp: 250239
Ion Ratio Lower Upper
196 100
198 101.7 80.4 120.6
200 32.1 25.9 38.9

Manual Integrations
APPROVED

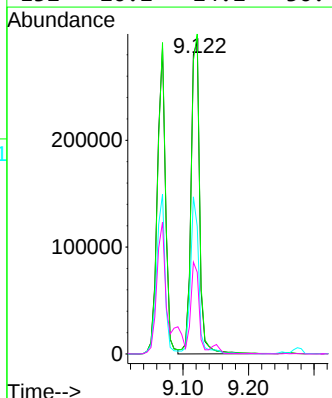
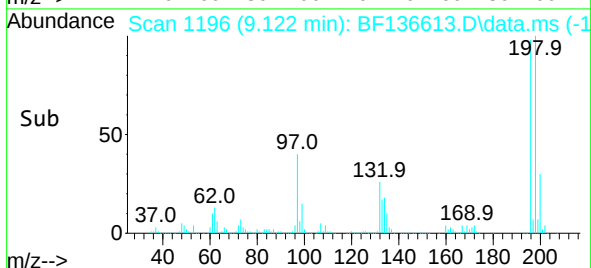
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

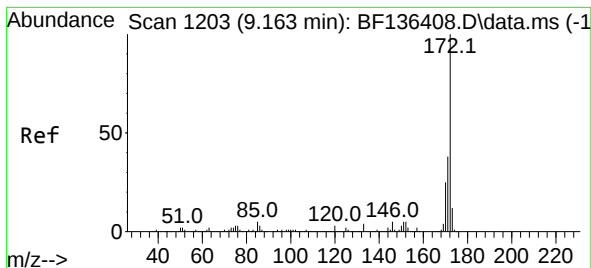


#44
2,4,5-Trichlorophenol
Concen: 38.184 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.018 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



Tgt Ion:196 Resp: 266530
Ion Ratio Lower Upper
196 100
198 102.4 78.1 117.1
97 40.8 43.4 65.2#
132 26.2 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 69.959 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF136613.D

Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

ClientSampleId :

PB157801BSD

Tgt Ion:172 Resp: 1582894

Ion Ratio Lower Upper

172 100

171 36.1 30.5 45.7

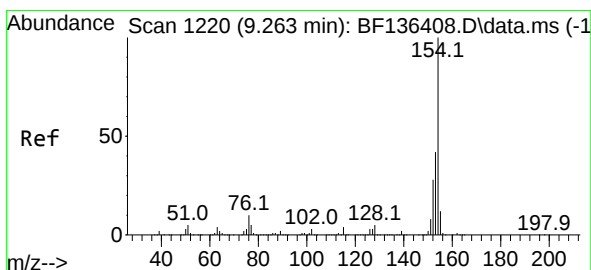
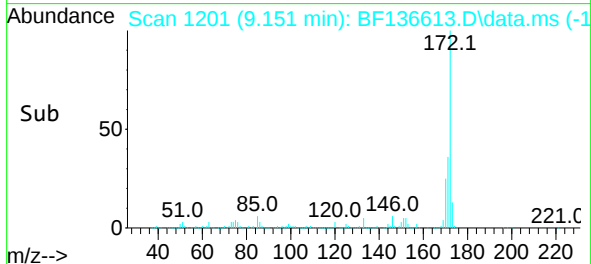
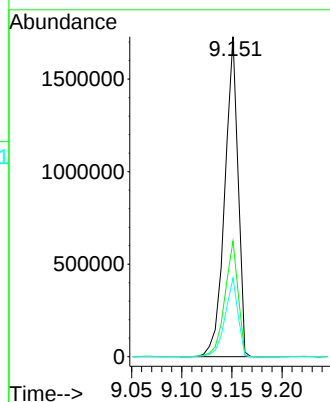
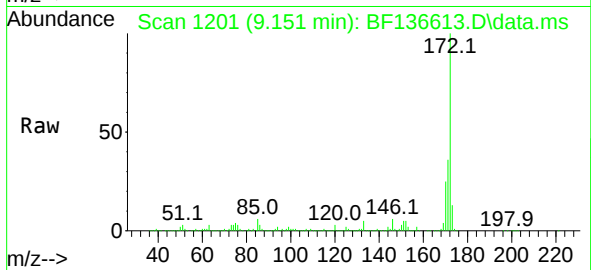
170 24.6 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#46

1,1'-Biphenyl

Concen: 37.761 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BF136613.D

Acq: 18 Dec 2023 14:24

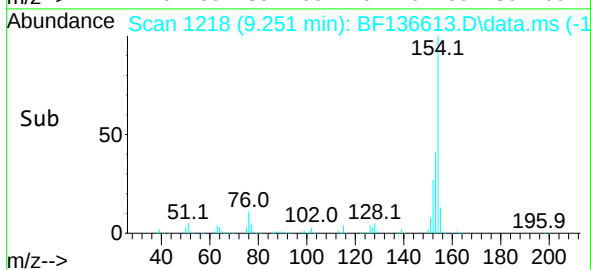
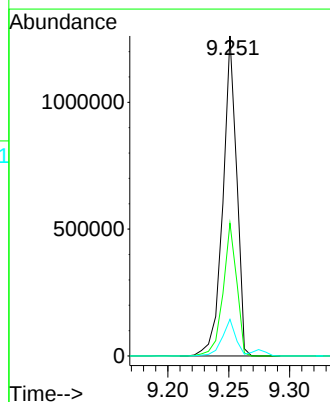
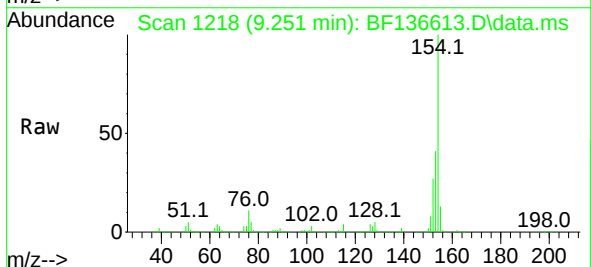
Tgt Ion:154 Resp: 991970

Ion Ratio Lower Upper

154 100

153 41.5 22.5 62.5

76 11.5 0.0 29.9





#47

2-Chloronaphthalene

Concen: 37.123 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136613.D

Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

ClientSampleId :

PB157801BSD

Tgt Ion:162 Resp: 75903

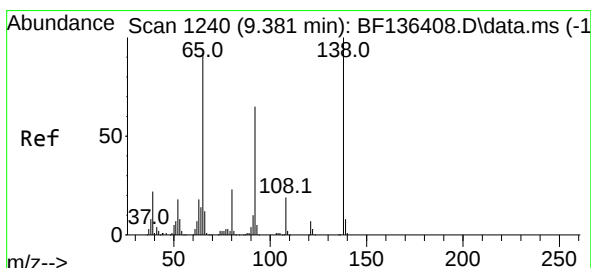
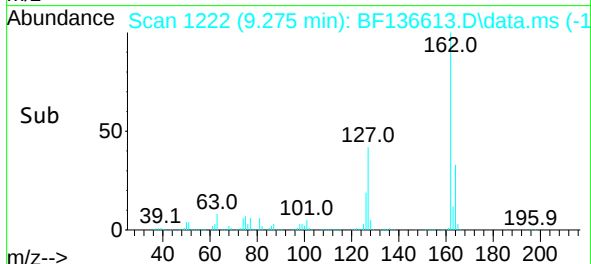
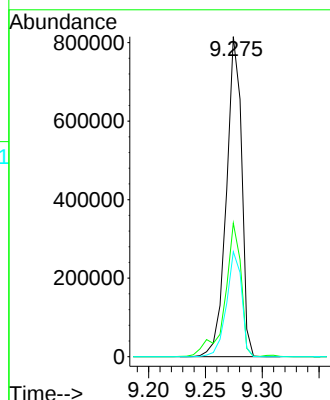
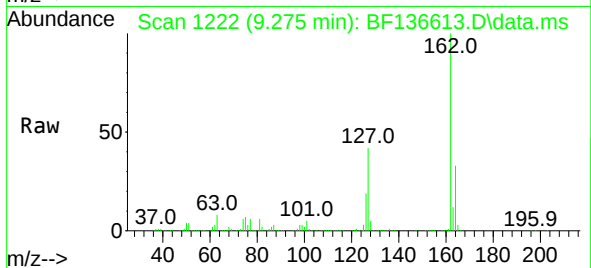
Ion	Ratio	Lower	Upper
162	100		
127	41.7	31.1	46.7
164	32.8	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#48

2-Nitroaniline

Concen: 38.943 ng

RT: 9.375 min Scan# 1239

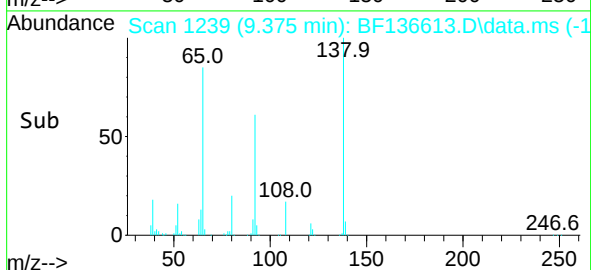
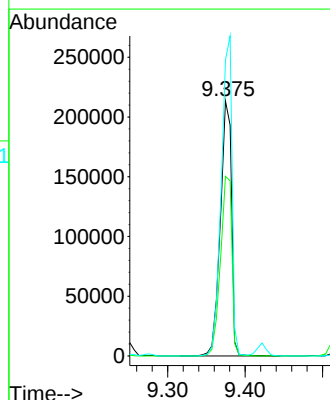
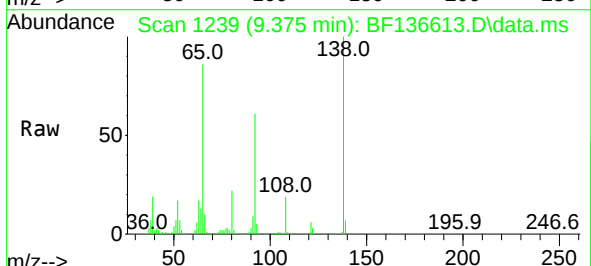
Delta R.T. 0.006 min

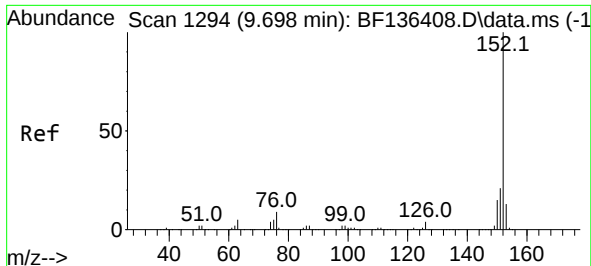
Lab File: BF136613.D

Acq: 18 Dec 2023 14:24

Tgt Ion: 65 Resp: 213555

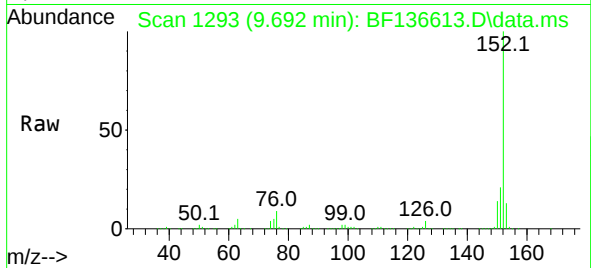
Ion	Ratio	Lower	Upper
65	100		
92	70.5	56.1	84.1
138	116.1	86.7	130.1





#49
Acenaphthylene
Concen: 39.202 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

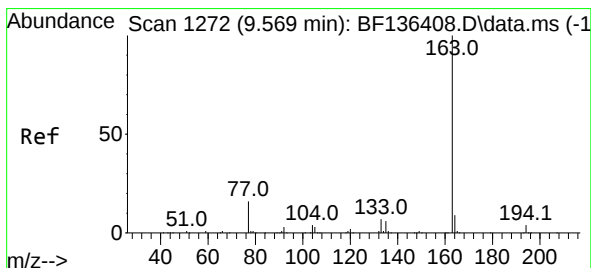
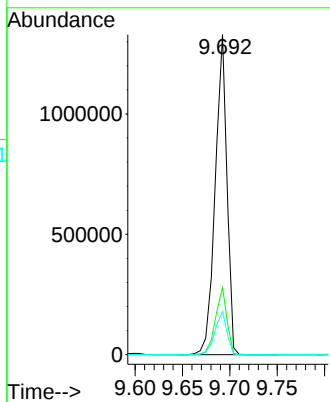
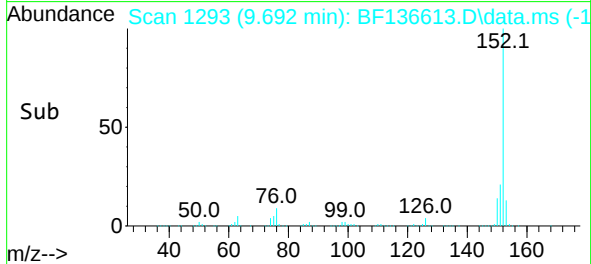
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



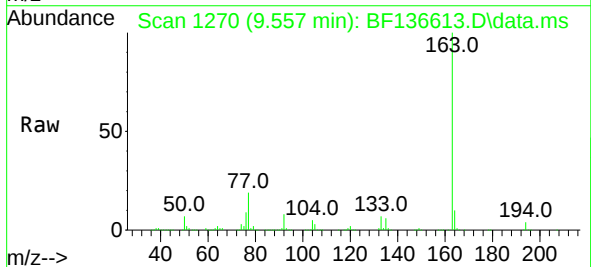
Tgt Ion:152 Resp: 1141810
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 13.5 10.6 15.8

Manual Integrations
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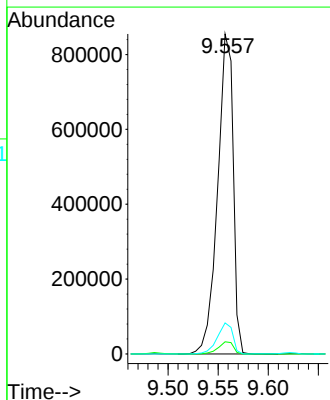
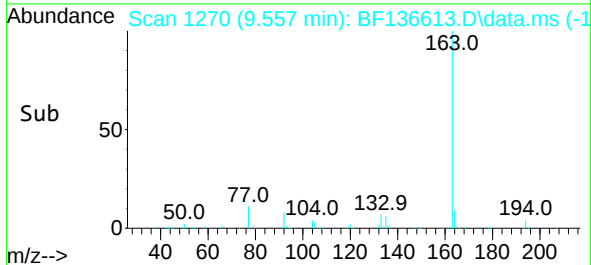
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

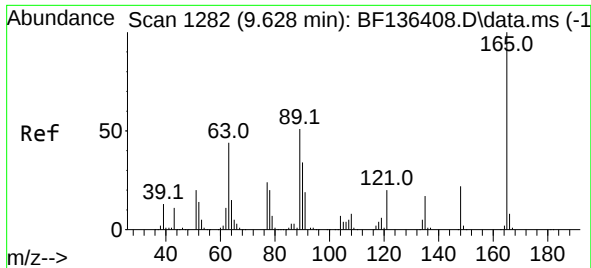


#50
Dimethylphthalate
Concen: 40.389 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



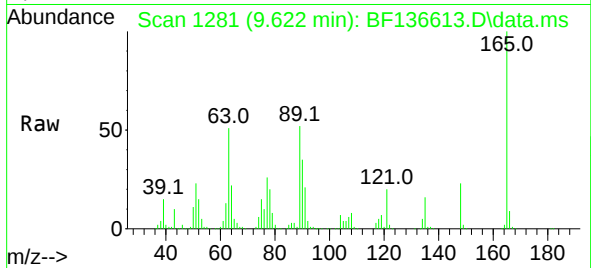
Tgt Ion:163 Resp: 918044
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.7 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 38.773 ng
RT: 9.622 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

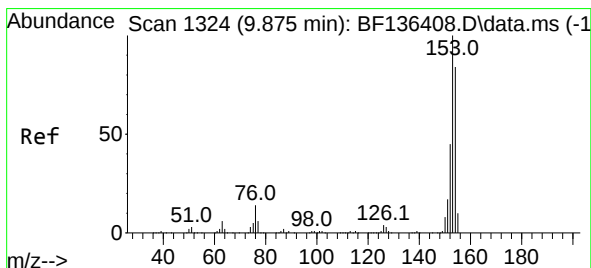
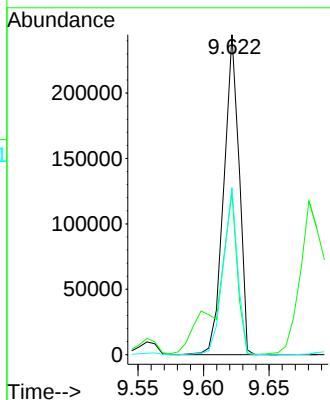
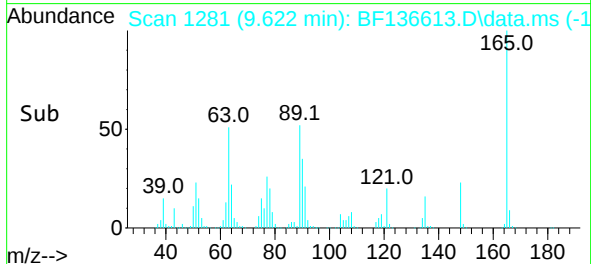
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



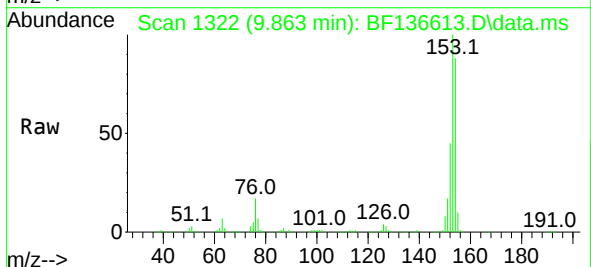
Tgt Ion:165 Resp: 198269
Ion Ratio Lower Upper
165 100
63 50.8 40.4 60.6
89 52.2 40.6 60.8

Manual Integrations
APPROVED

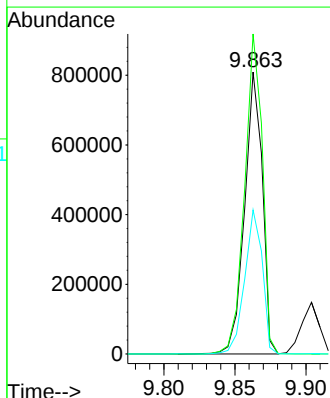
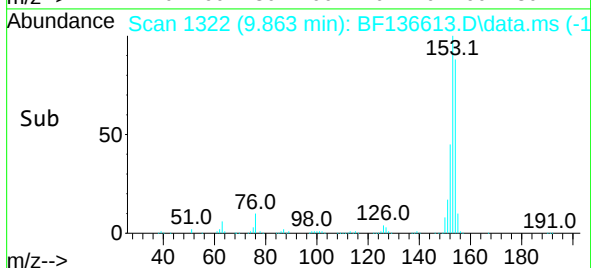
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

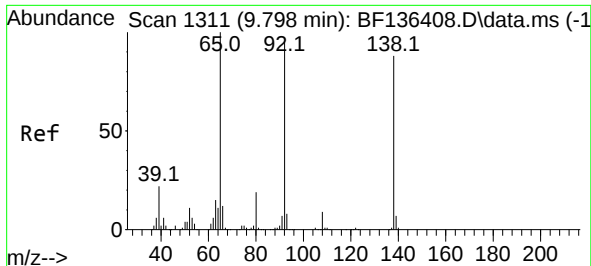


#52
Acenaphthene
Concen: 37.626 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



Tgt Ion:154 Resp: 702277
Ion Ratio Lower Upper
154 100
153 113.5 95.3 142.9
152 51.1 43.2 64.8





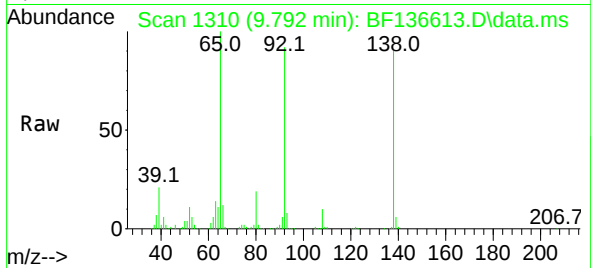
#53
3-Nitroaniline
Concen: 32.313 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

ClientSampleId :

PB157801BSD



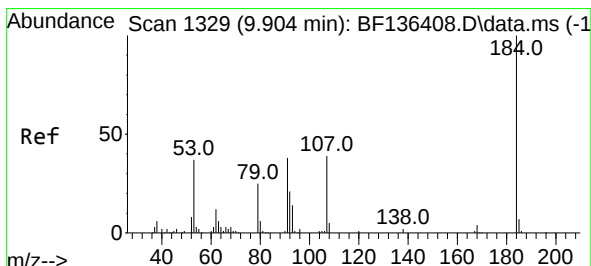
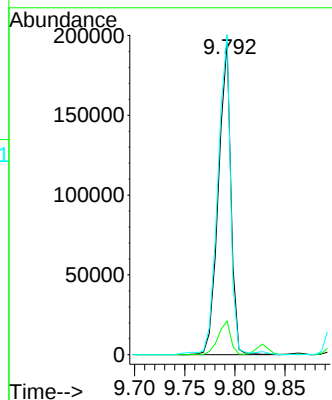
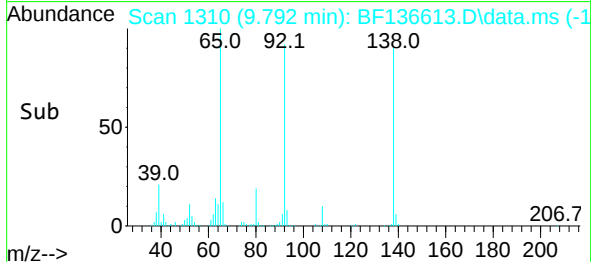
Tgt Ion:138 Resp: 168734
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 102.6 86.1 129.1

Manual Integrations

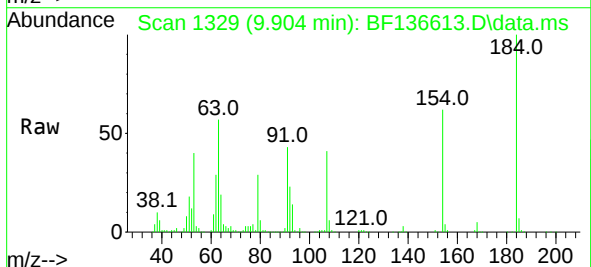
APPROVED

Reviewed By :Yogesh Patel 12/19/2023

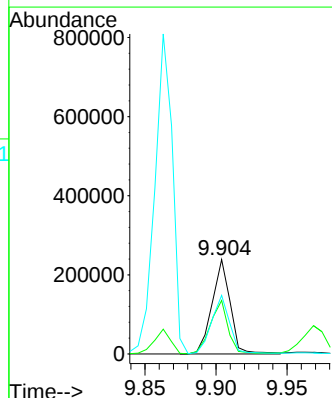
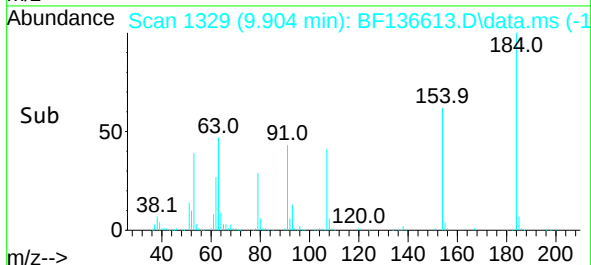
Supervised By :mohammad ahmed 12/19/2023

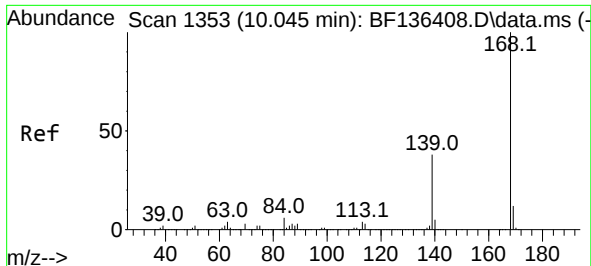


#54
2,4-Dinitrophenol
Concen: 82.457 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



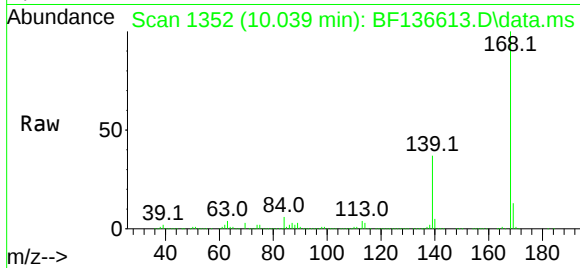
Tgt Ion:184 Resp: 213187
Ion Ratio Lower Upper
184 100
63 56.6 39.1 58.7
154 62.1 49.9 74.9





#55
Dibenzenofuran
Concen: 37.350 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

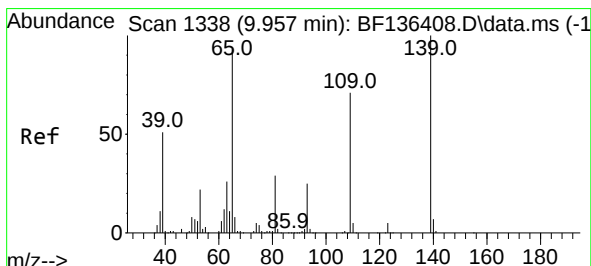
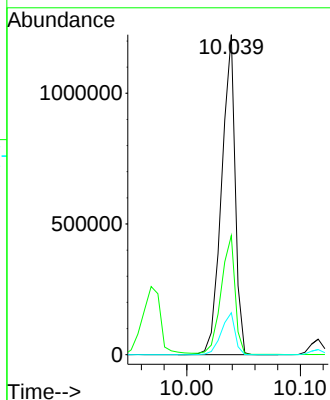
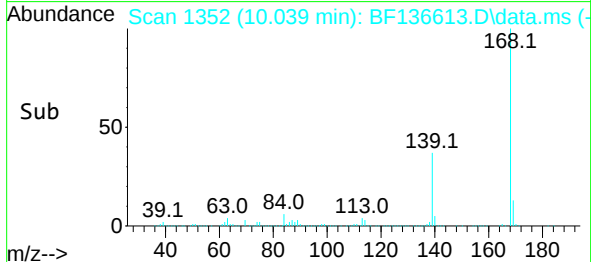
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



Tgt Ion:168 Resp: 1018394
Ion Ratio Lower Upper
168 100
139 37.2 30.4 45.6
169 13.1 9.9 14.9

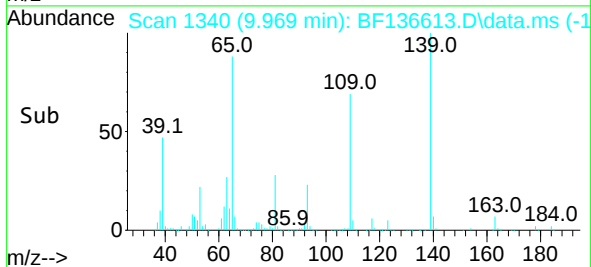
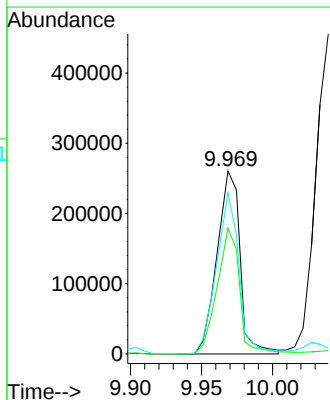
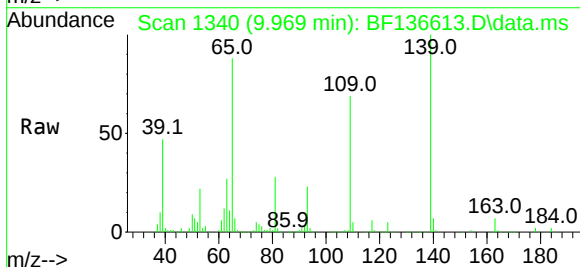
Manual Integrations
APPROVED

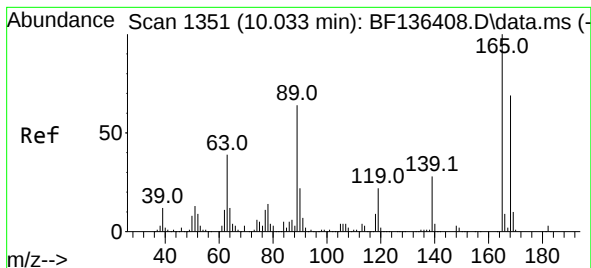
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#56
4-Nitrophenol
Concen: 74.909 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Tgt Ion:139 Resp: 293233
Ion Ratio Lower Upper
139 100
109 68.6 50.6 90.6
65 87.9 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 38.369 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

ClientSampleId :

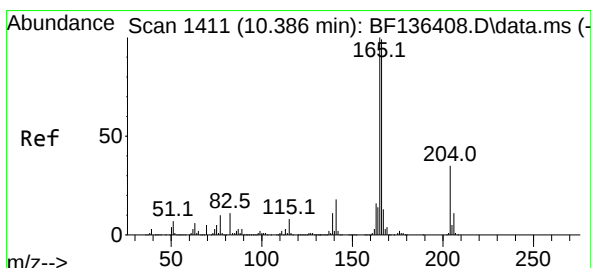
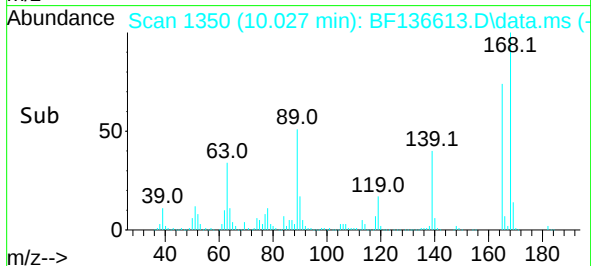
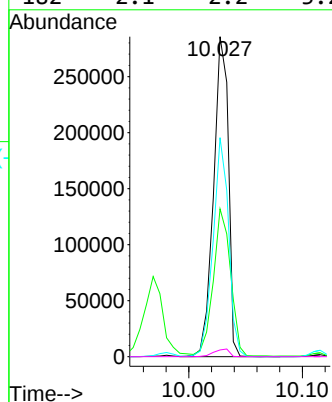
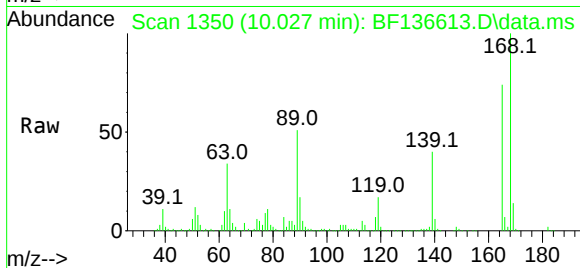
PB157801BSD

Tgt Ion:165 Resp: 25955
Ion Ratio Lower Upper
165 100
63 46.2 31.4 47.2
89 68.5 51.7 77.5
182 2.1 2.2 3.2#

Manual Integrations

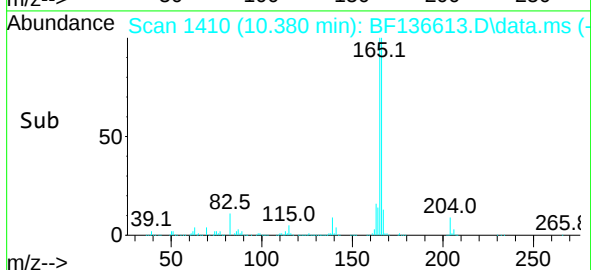
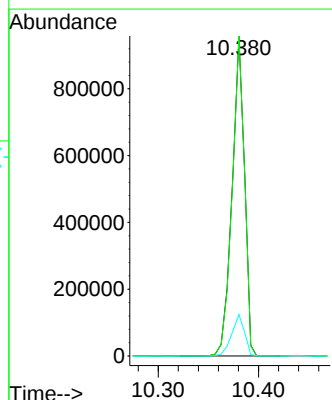
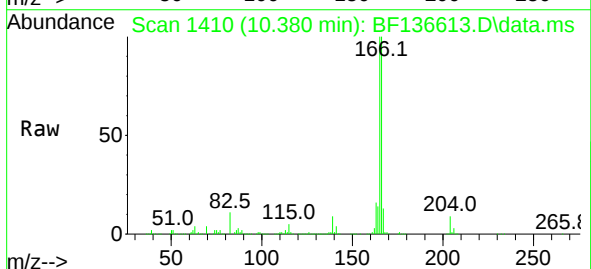
APPROVED

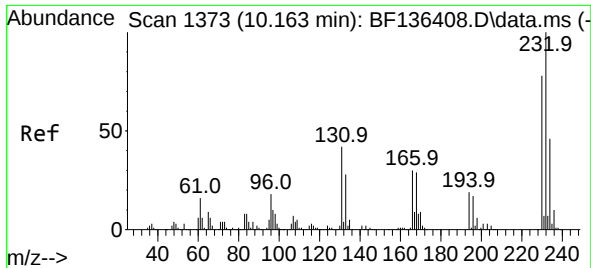
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#58
Fluorene
Concen: 37.374 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

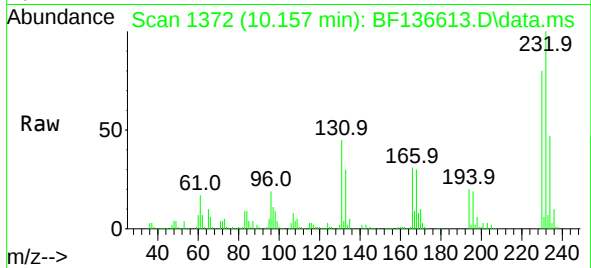
Tgt Ion:166 Resp: 818040
Ion Ratio Lower Upper
166 100
165 100.0 80.5 120.7
167 13.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.536 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

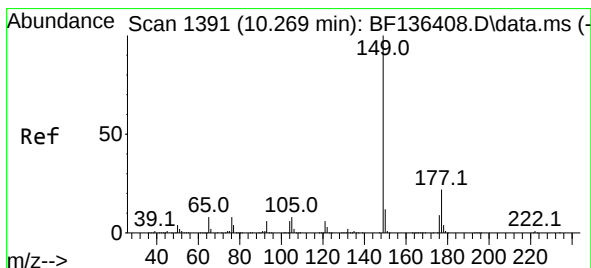
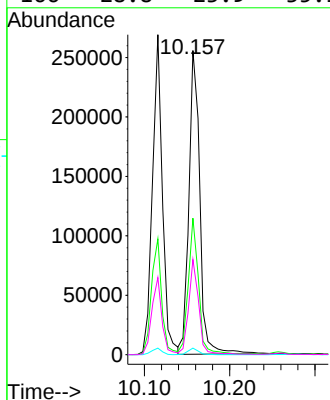
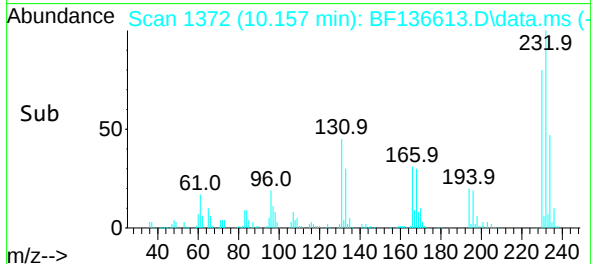
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



Tgt Ion:232 Resp: 226644
Ion Ratio Lower Upper
232 100
131 42.0 34.3 51.5
130 2.1 1.6 2.4
166 28.8 23.9 35.9

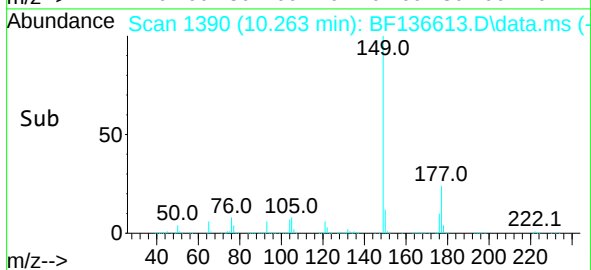
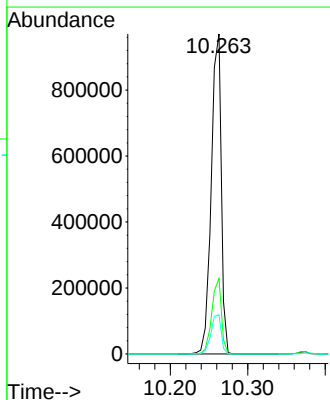
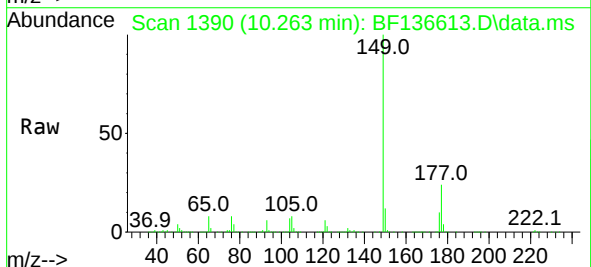
Manual Integrations
APPROVED

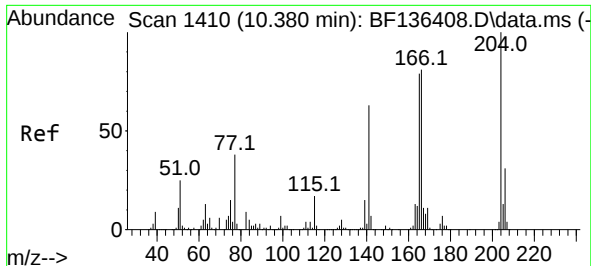
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#60
Diethylphthalate
Concen: 38.865 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

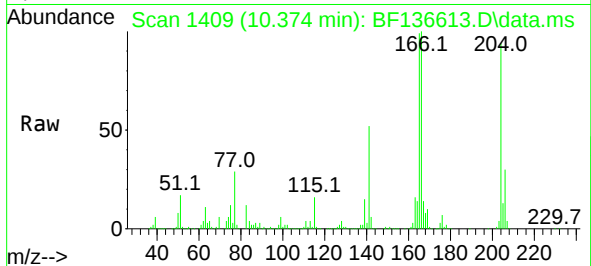
Tgt Ion:149 Resp: 868677
Ion Ratio Lower Upper
149 100
177 23.6 17.8 26.8
150 12.2 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 38.735 ng
RT: 10.374 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

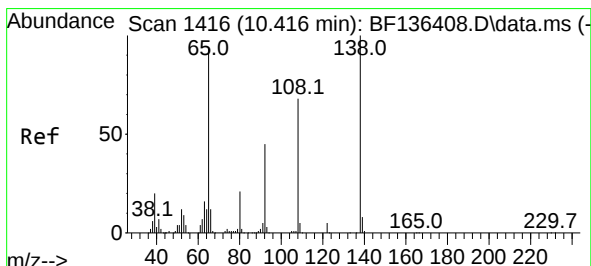
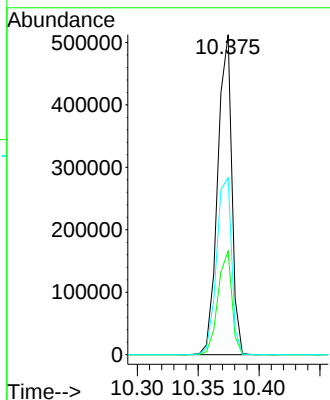
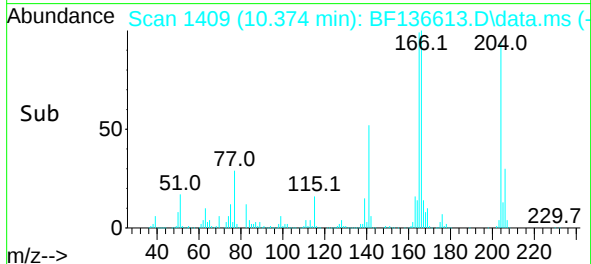
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



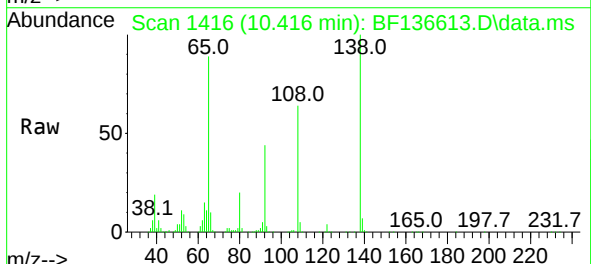
Tgt Ion:204 Resp: 413309
Ion Ratio Lower Upper
204 100
206 32.3 24.6 36.8
141 55.3 50.3 75.5

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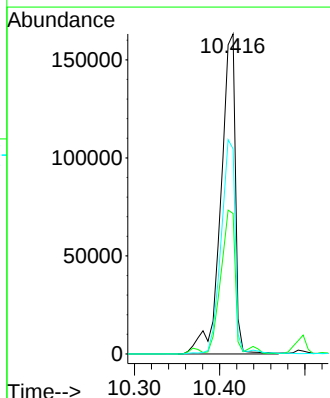
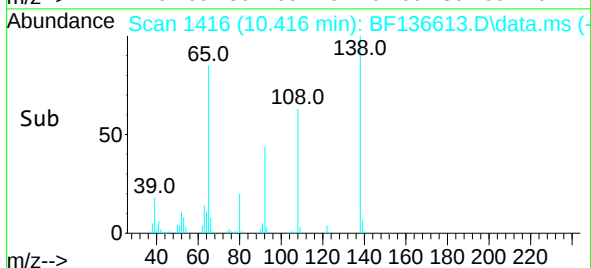
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

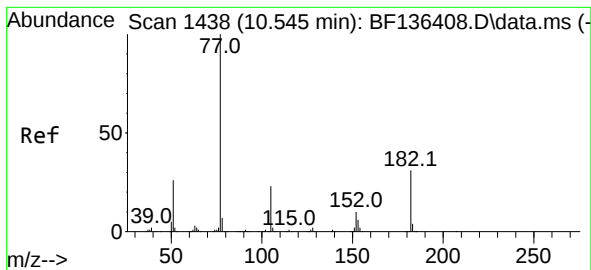


#62
4-Nitroaniline
Concen: 37.370 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



Tgt Ion:138 Resp: 193766
Ion Ratio Lower Upper
138 100
92 43.9 25.0 65.0
108 64.1 47.9 87.9





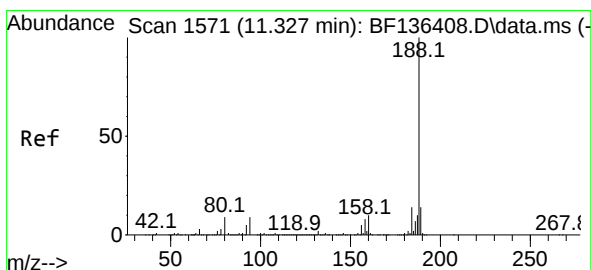
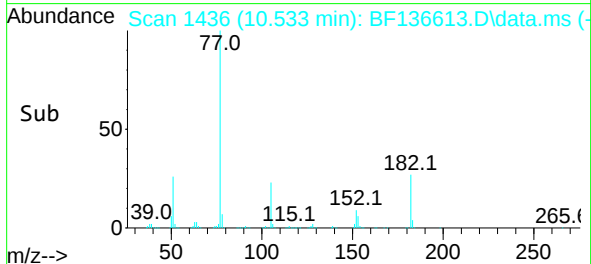
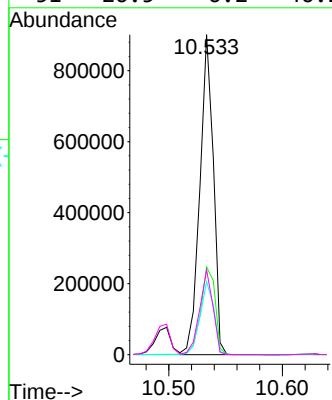
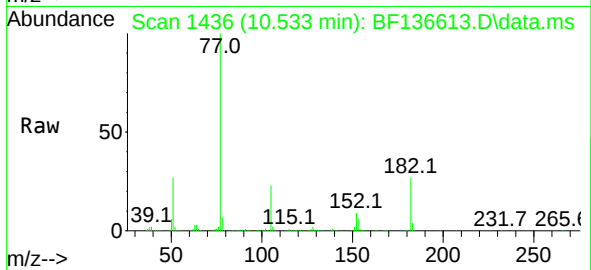
#63
Azobenzene
Concen: 36.602 ng
RT: 10.533 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :
BNA_F
ClientSampleId :
PB157801BSD

Tgt Ion: 77 Resp: 74463
Ion Ratio Lower Upper
77 100
182 27.4 10.8 50.8
105 22.8 2.6 42.6
51 26.5 6.2 46.2

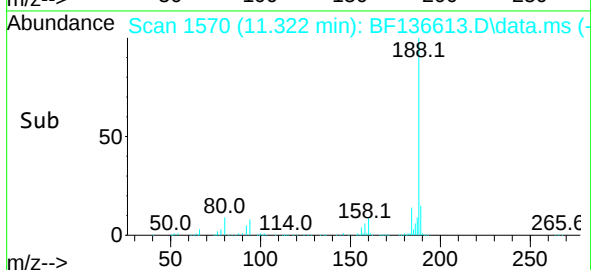
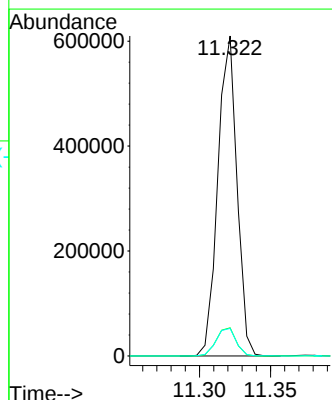
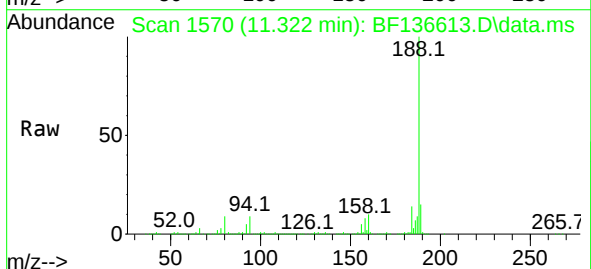
Manual Integrations
APPROVED

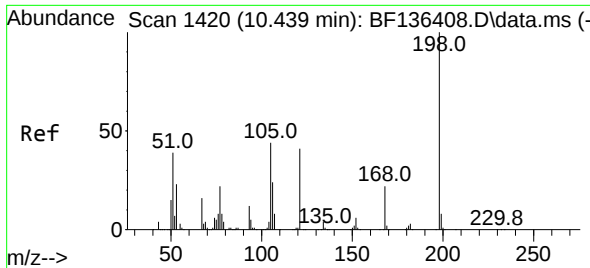
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Tgt Ion:188 Resp: 569092
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 8.6 7.2 10.8





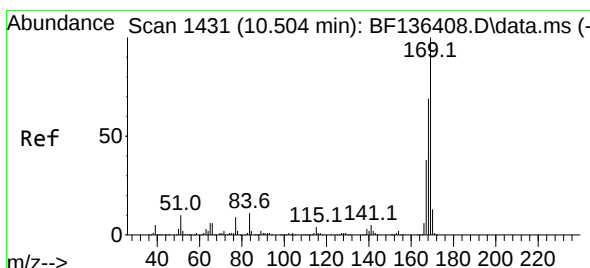
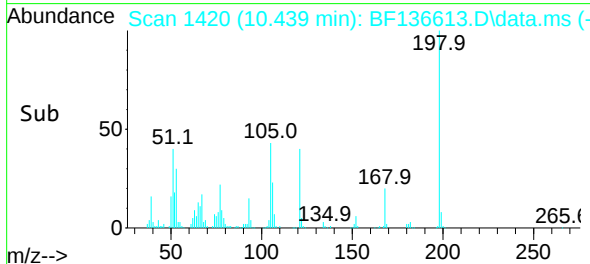
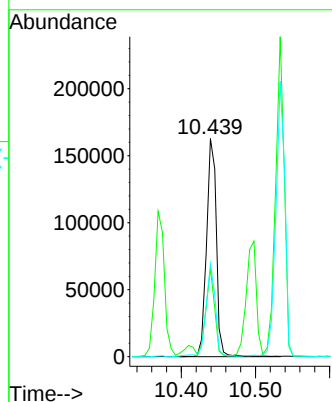
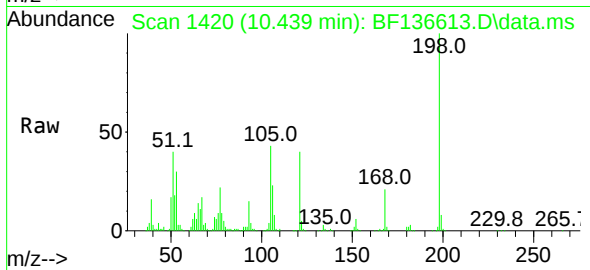
#65
4,6-Dinitro-2-methylphenol
Concen: 42.660 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :
BNA_F
ClientSampleId :
PB157801BSD

Tgt Ion:198 Resp: 150354
Ion Ratio Lower Upper
198 100
51 40.4 24.1 64.1
105 42.6 24.8 64.8

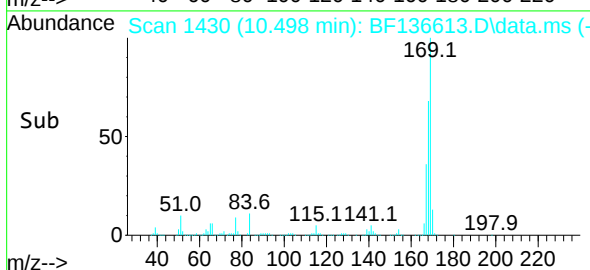
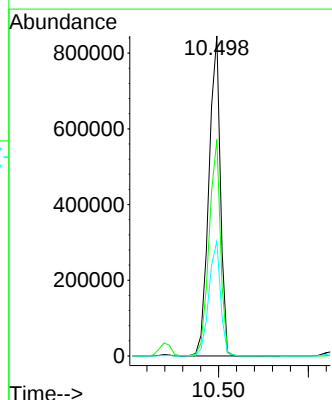
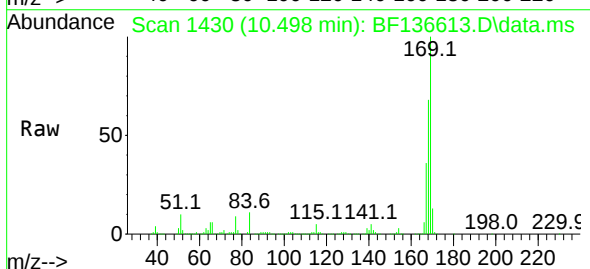
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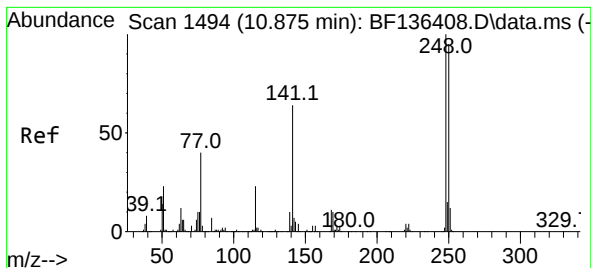
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#66
n-Nitrosodiphenylamine
Concen: 41.173 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

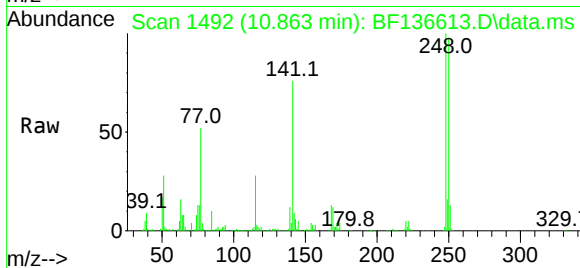
Tgt Ion:169 Resp: 751855
Ion Ratio Lower Upper
169 100
168 67.6 55.3 82.9
167 35.8 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 39.446 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

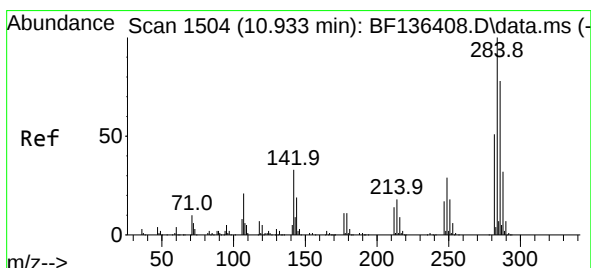
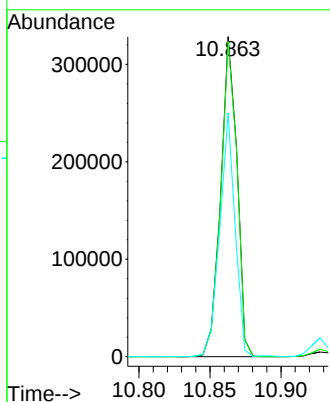
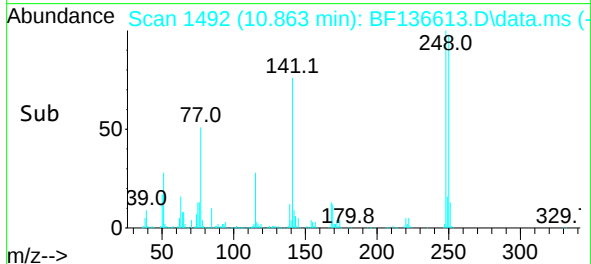
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



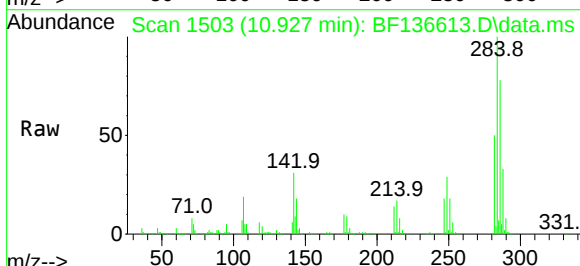
Tgt Ion:248 Resp: 260998
Ion Ratio Lower Upper
248 100
250 98.5 76.2 114.2
141 76.2 51.0 76.4

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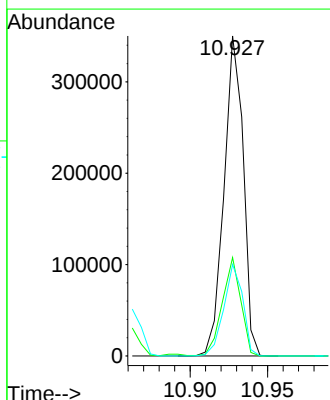
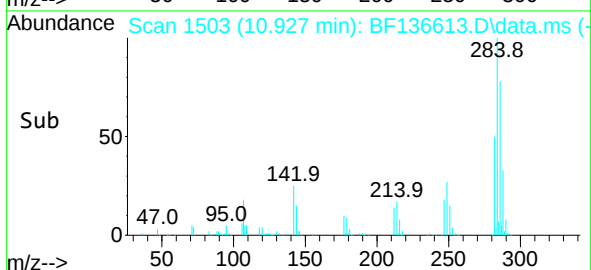
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

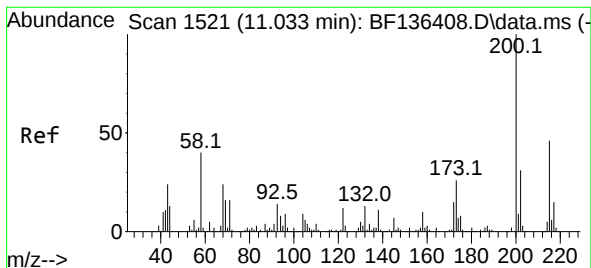


#68
Hexachlorobenzene
Concen: 39.478 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



Tgt Ion:284 Resp: 301897
Ion Ratio Lower Upper
284 100
142 30.8 26.5 39.7
249 28.6 23.4 35.0





#69

Atrazine

Concen: 40.443 ng

RT: 11.027 min Scan# 11027

Delta R.T. 0.006 min

Lab File: BF136613.D

Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

ClientSampleId :

PB157801BSD

Tgt Ion:200 Resp: 210789

Ion Ratio Lower Upper

200 100

173 26.7 6.0 46.0

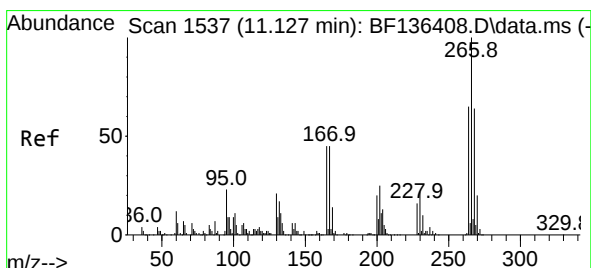
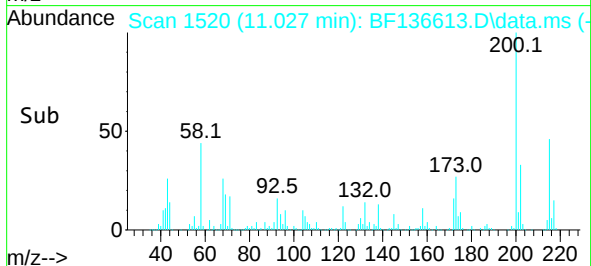
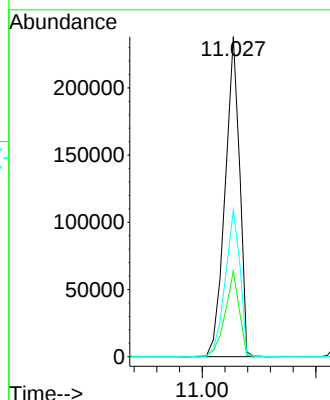
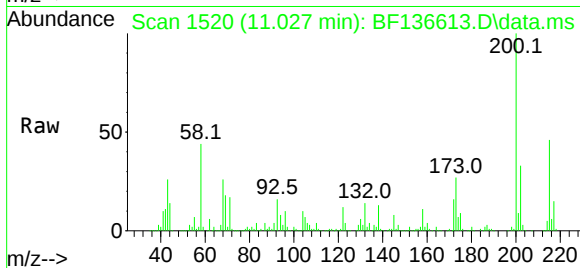
215 45.8 25.5 65.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#70

Pentachlorophenol

Concen: 60.730 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136613.D

Acq: 18 Dec 2023 14:24

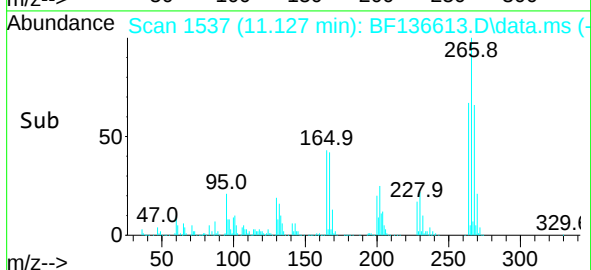
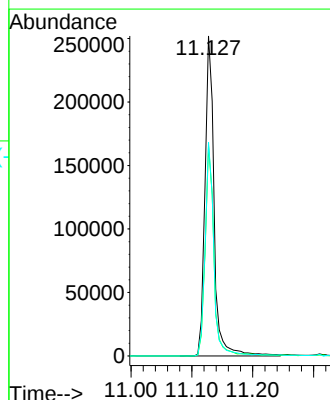
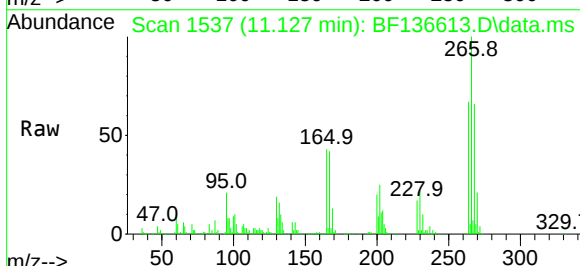
Tgt Ion:266 Resp: 262111

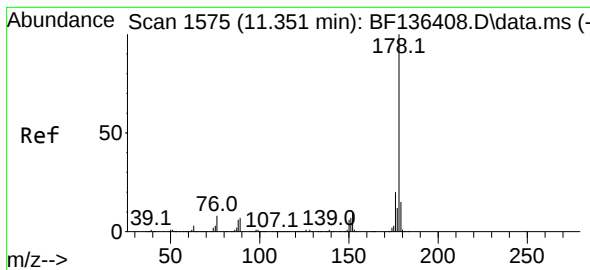
Ion Ratio Lower Upper

266 100

268 65.8 51.0 76.6

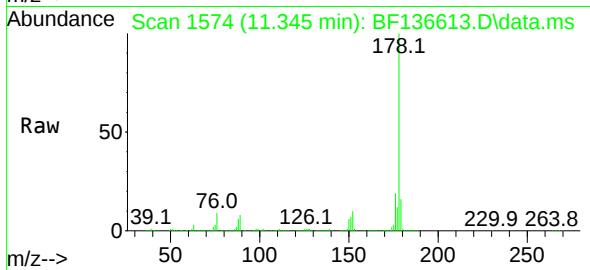
264 66.8 52.2 78.4





#71
Phenanthrene
Concen: 39.952 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

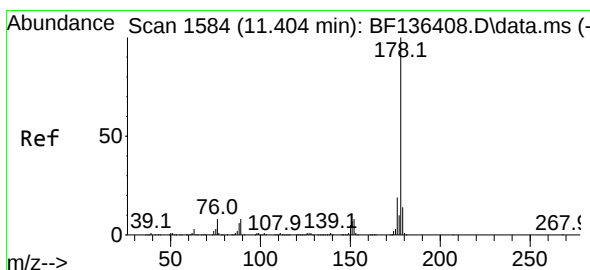
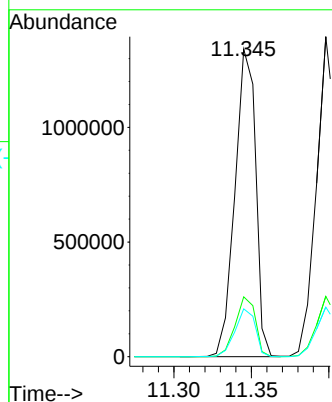
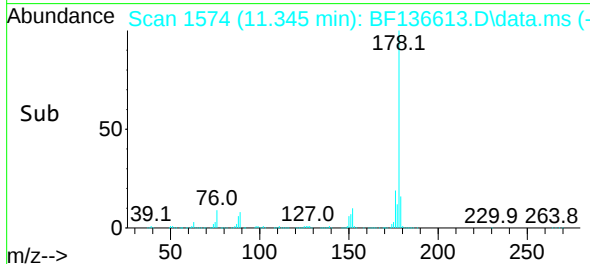
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



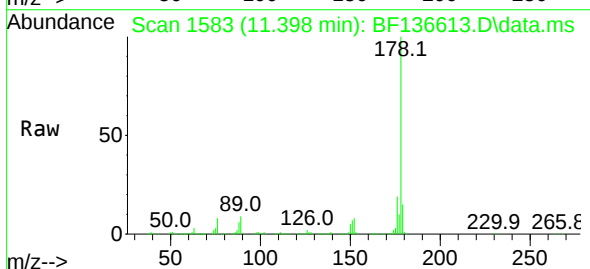
Tgt Ion:178 Resp: 1249700
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.6 11.8 17.6

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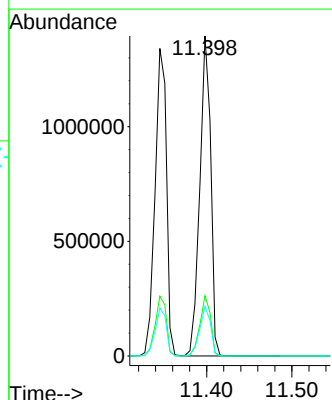
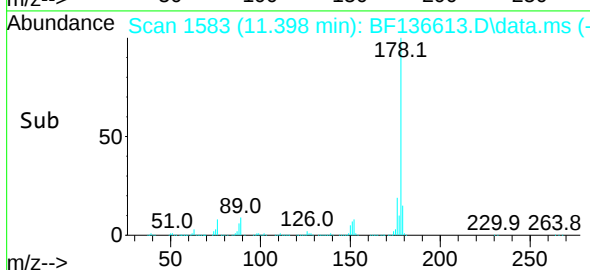
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

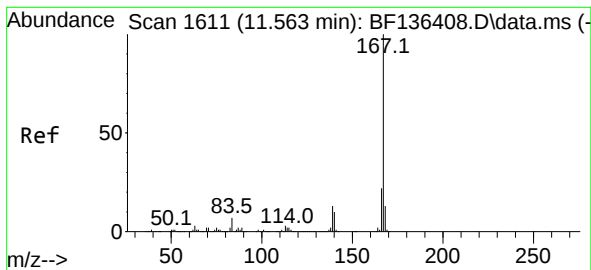


#72
Anthracene
Concen: 39.504 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



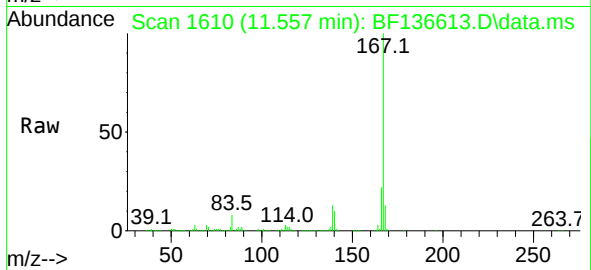
Tgt Ion:178 Resp: 1244582
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.5 11.4 17.0





#73
 Carbazole
 Concen: 38.029 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.006 min
 Lab File: BF136613.D
 Acq: 18 Dec 2023 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB157801BSD

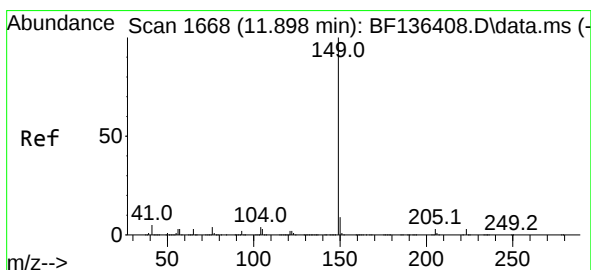
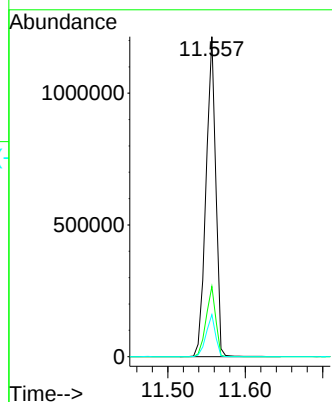
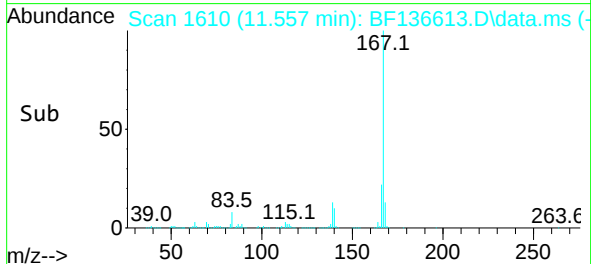


Tgt Ion:167 Resp: 106044

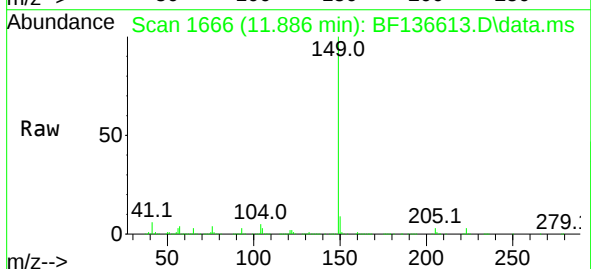
Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.0	27.0
139	13.2	10.2	15.4

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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

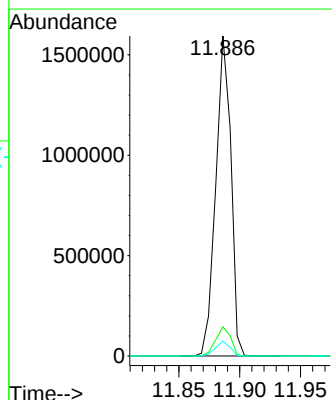
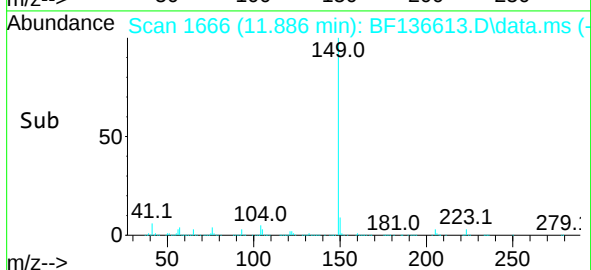


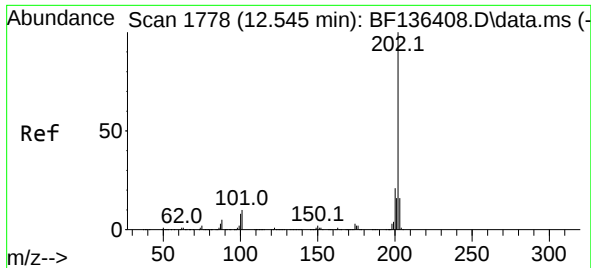
#74
 Di-n-butylphthalate
 Concen: 40.208 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: BF136613.D
 Acq: 18 Dec 2023 14:24



Tgt Ion:149 Resp: 1374493

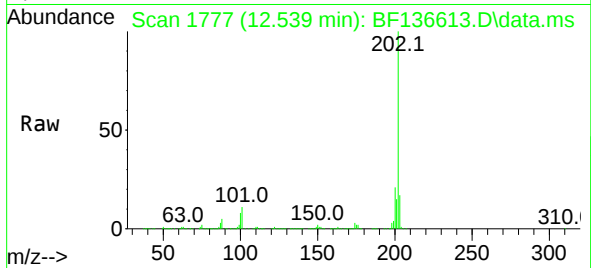
Ion	Ratio	Lower	Upper
149	100		
150	9.1	6.9	10.3
104	4.7	3.5	5.3





#75
Fluoranthene
Concen: 36.561 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

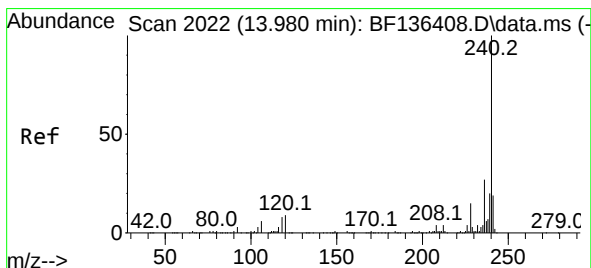
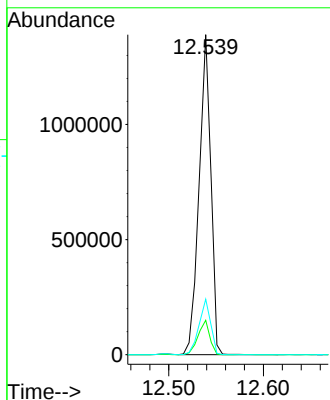
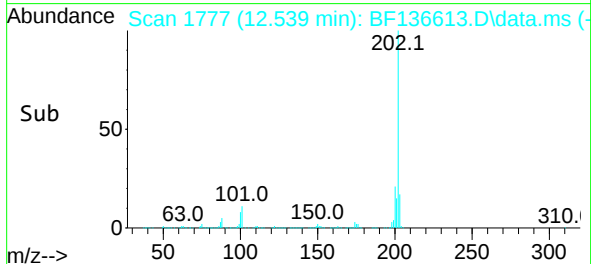
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



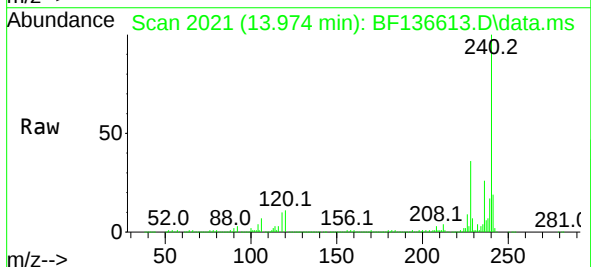
Tgt Ion:202 Resp: 119844
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.9
203 17.4 0.0 36.3

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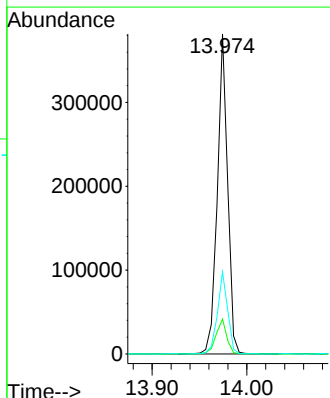
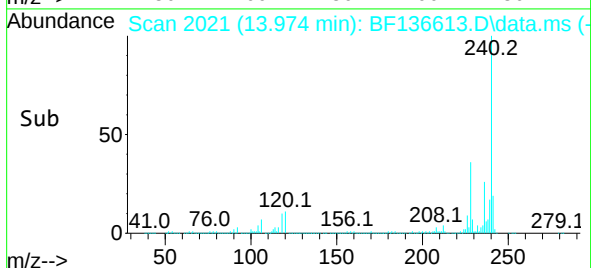
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

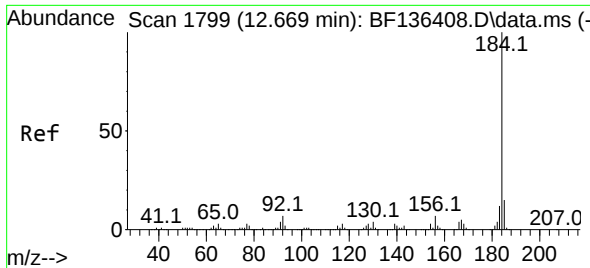


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



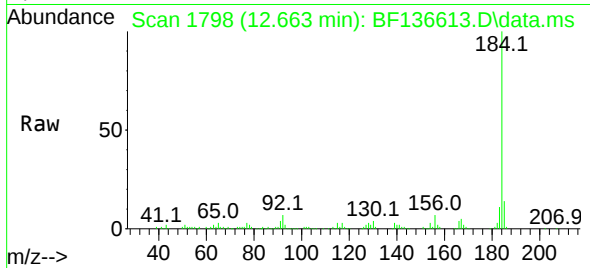
Tgt Ion:240 Resp: 288301
Ion Ratio Lower Upper
240 100
120 10.9 7.3 10.9
236 25.6 21.3 31.9





#77
Benzidine
Concen: 16.712 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

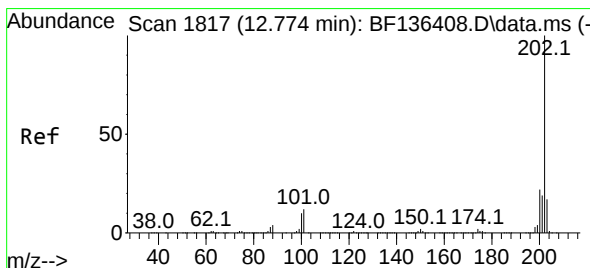
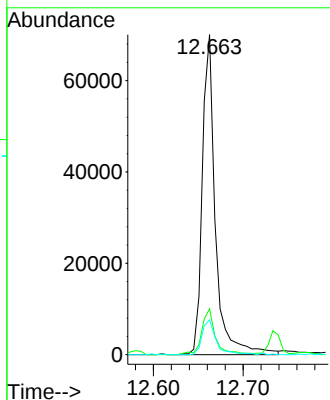
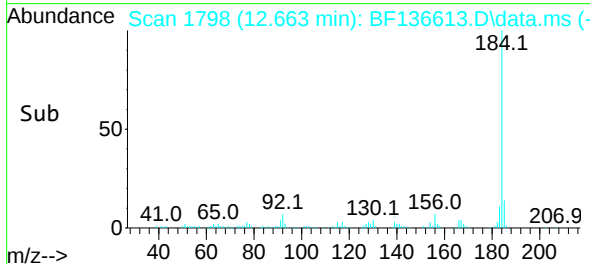
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



Tgt Ion:184 Resp: 71080
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 10.9 9.4 14.0

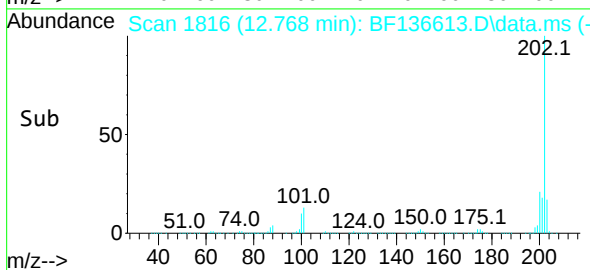
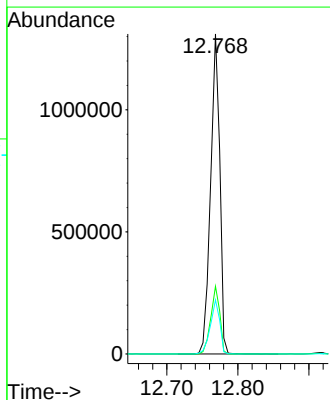
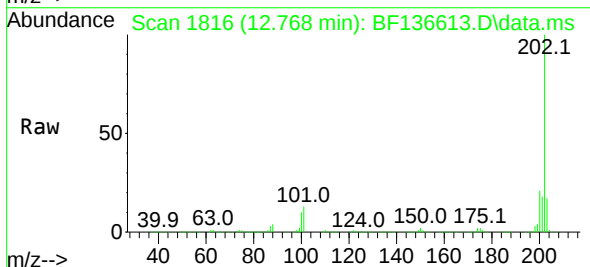
Manual Integrations
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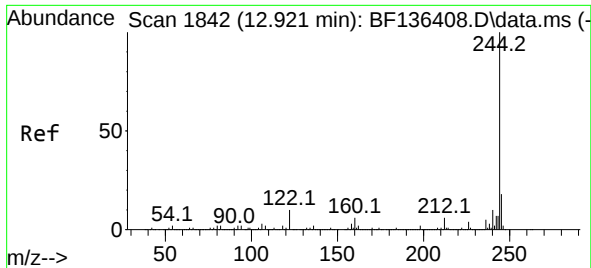
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#78
Pyrene
Concen: 41.799 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

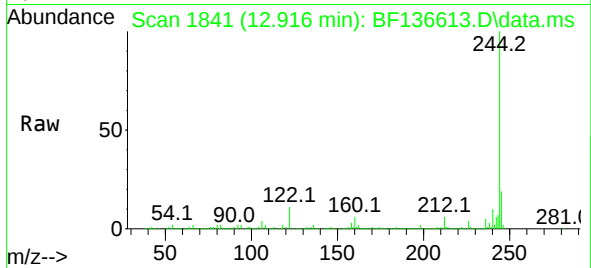
Tgt Ion:202 Resp: 1180185
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 16.9 13.5 20.3





#79
Terphenyl-d14
Concen: 81.046 ng
RT: 12.916 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

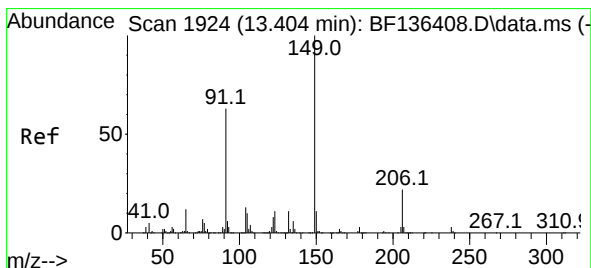
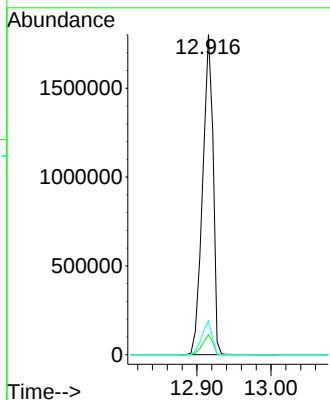
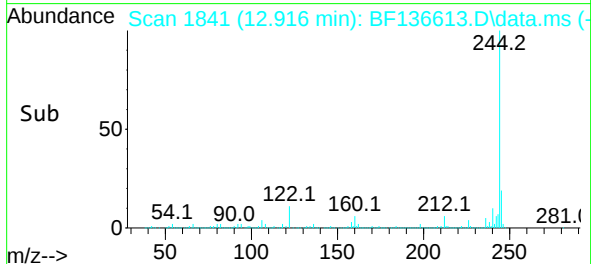
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



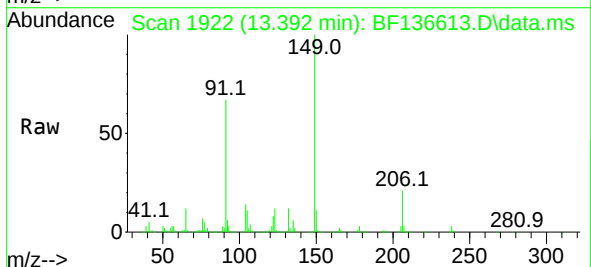
Tgt Ion:244 Resp: 1772740
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.6 8.3 12.5

Manual Integrations
APPROVED

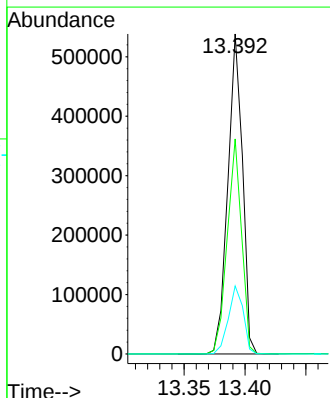
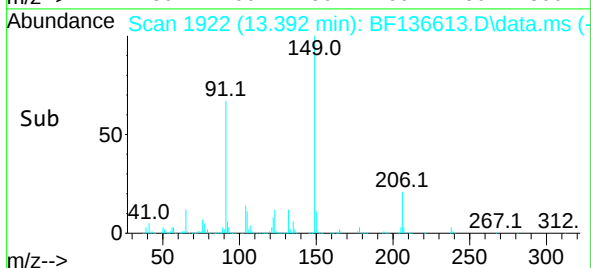
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

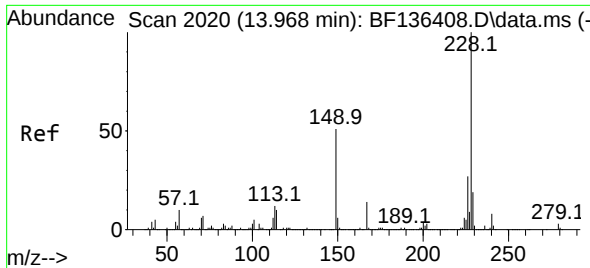


#80
Butylbenzylphthalate
Concen: 44.846 ng
RT: 13.392 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



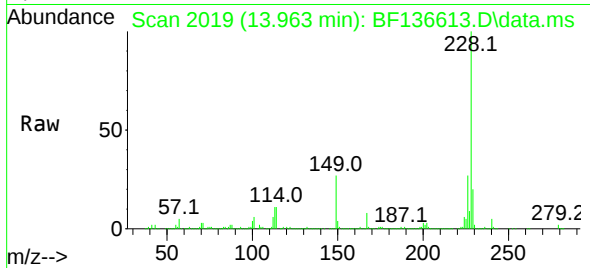
Tgt Ion:149 Resp: 450756
Ion Ratio Lower Upper
149 100
91 67.2 50.5 75.7
206 21.3 17.4 26.2





#81
Benzo(a)anthracene
Concen: 40.590 ng
RT: 13.963 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

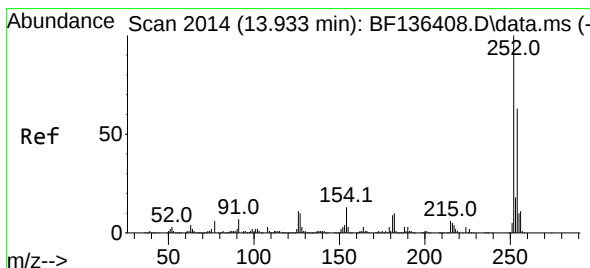
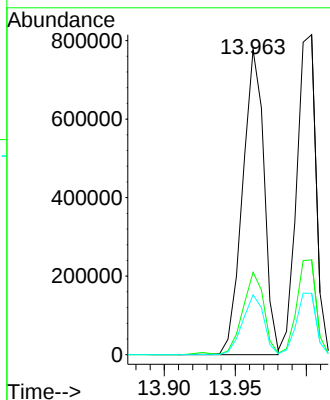
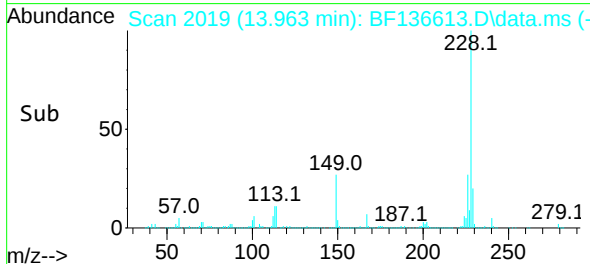
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



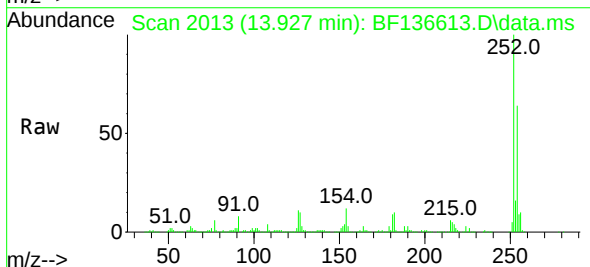
Tgt Ion:228 Resp: 815128
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.6 15.0 22.4

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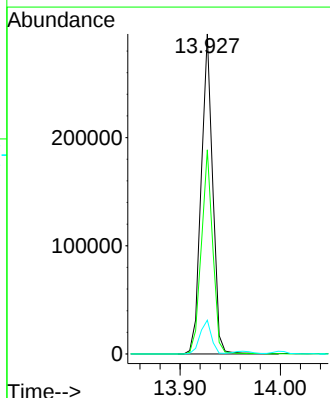
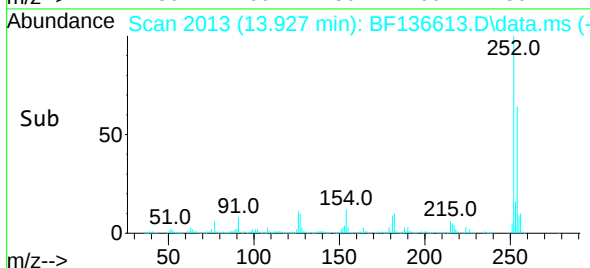
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

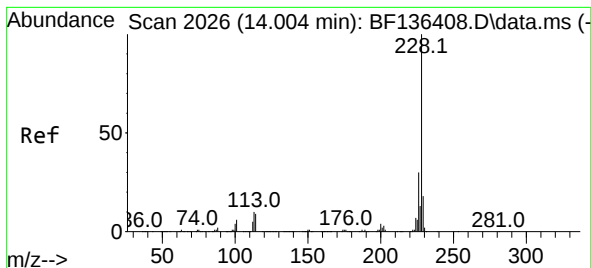


#82
3,3'-Dichlorobenzidine
Concen: 42.105 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



Tgt Ion:252 Resp: 237074
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 10.6 8.6 12.8





#83

Chrysene

Concen: 38.988 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF136613.D

Acq: 18 Dec 2023 14:24

Instrument :

BNA_F

ClientSampleId :

PB157801BSD

Tgt Ion:228 Resp: 770314

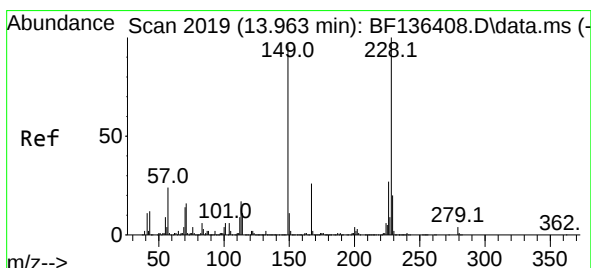
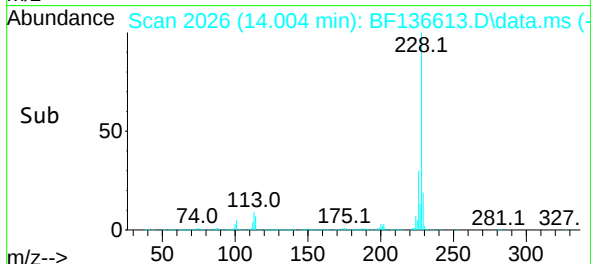
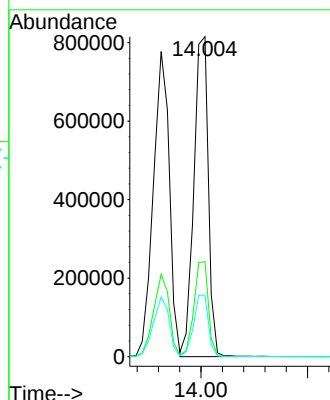
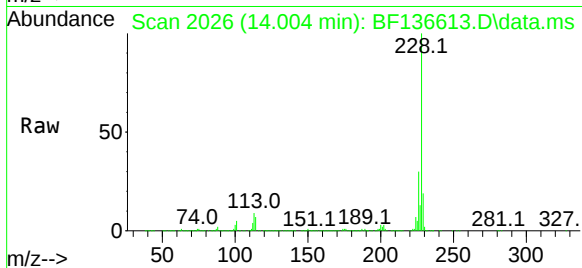
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	19.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.138 ng

RT: 13.957 min Scan# 2018

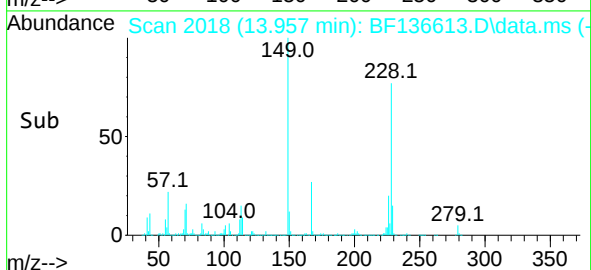
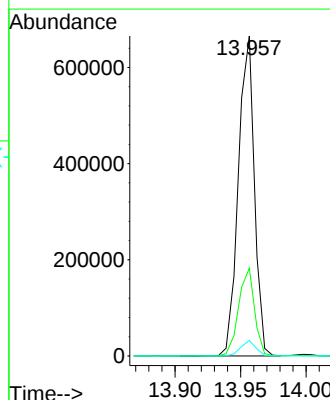
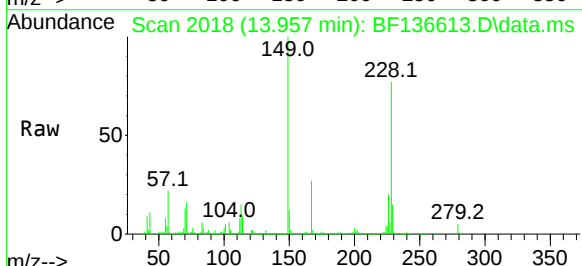
Delta R.T. 0.006 min

Lab File: BF136613.D

Acq: 18 Dec 2023 14:24

Tgt Ion:149 Resp: 568502

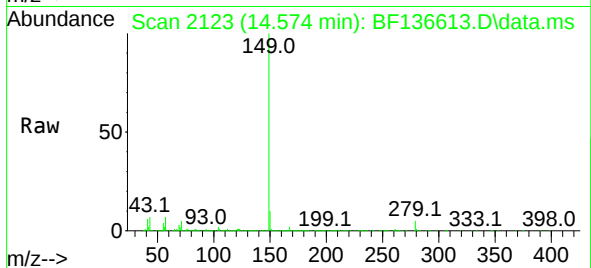
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.2	31.8
279	4.9	3.1	4.7#





#85
Di-n-octyl phthalate
Concen: 47.429 ng
RT: 14.574 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

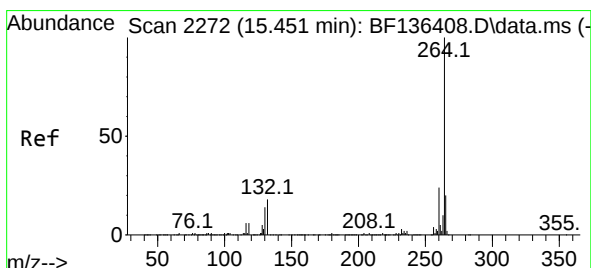
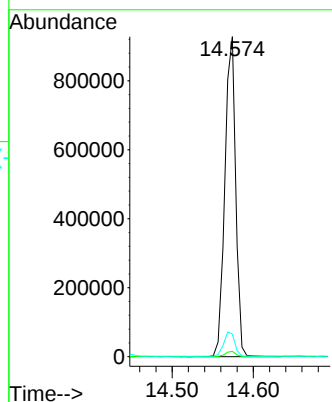
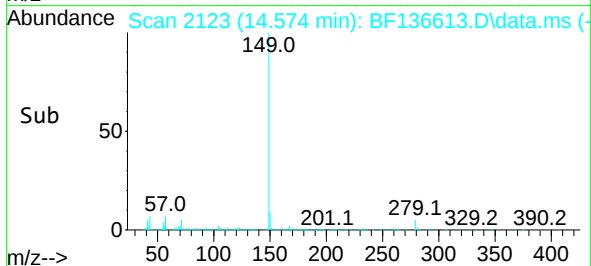
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



Tgt Ion:149 Resp: 863240
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.7 6.8 10.2

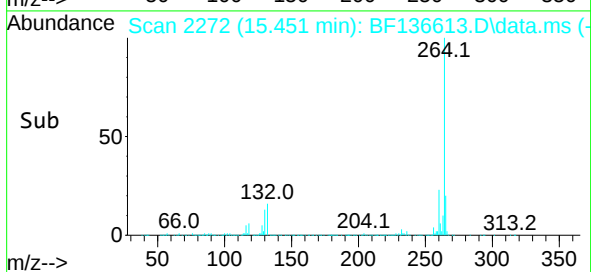
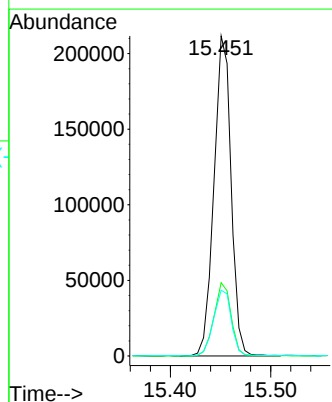
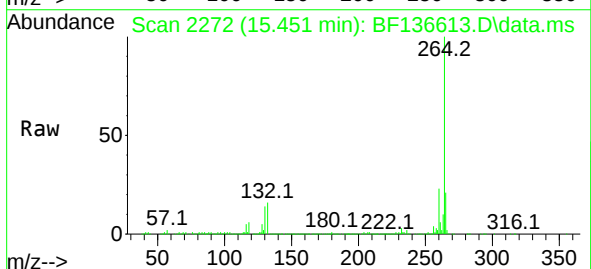
Manual Integrations
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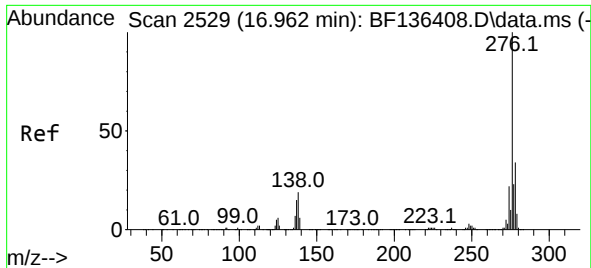
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

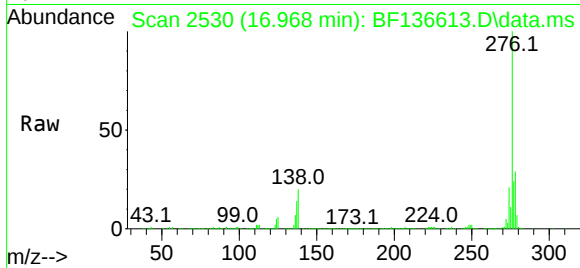
Tgt Ion:264 Resp: 250353
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 20.6 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.498 ng
RT: 16.968 min Scan# 2199
Delta R.T. 0.023 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

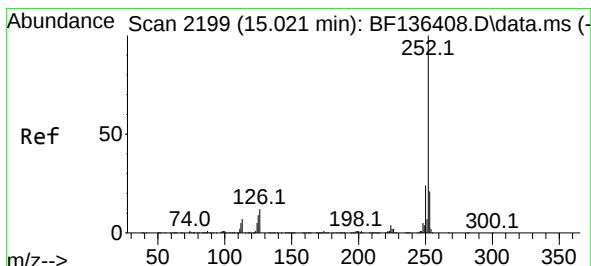
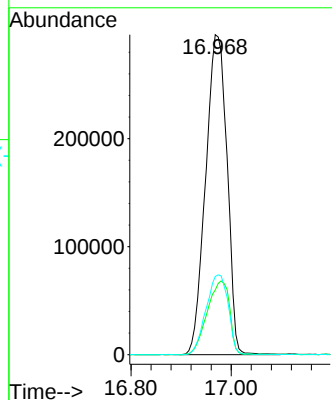
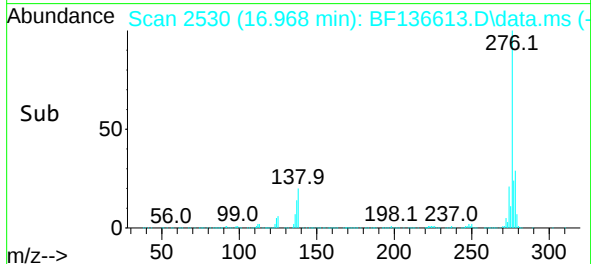
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



Tgt Ion:276 Resp: 878292
Ion Ratio Lower Upper
276 100
138 24.1 19.0 28.4
277 25.7 20.0 30.0

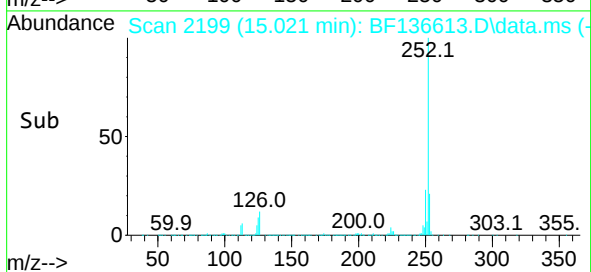
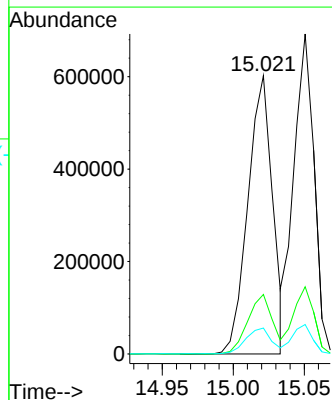
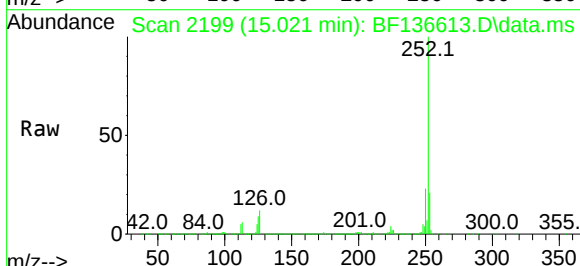
Manual Integrations
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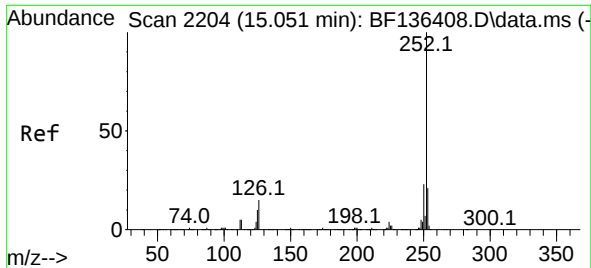
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#88
Benzo(b)fluoranthene
Concen: 42.495 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

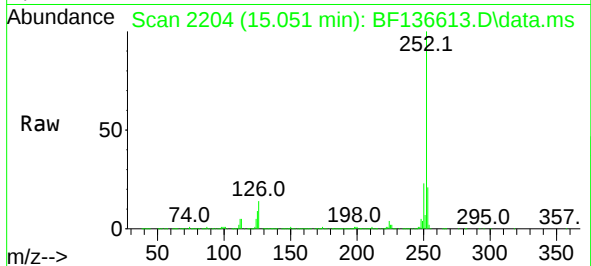
Tgt Ion:252 Resp: 727398
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 9.3 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 42.820 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

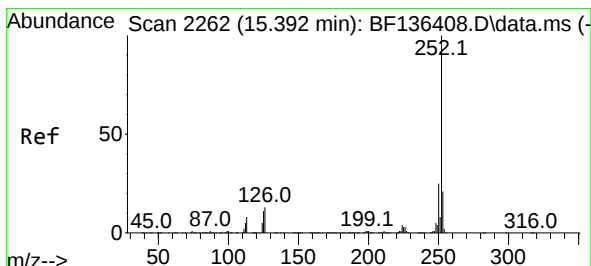
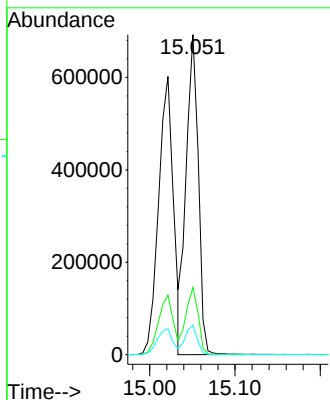
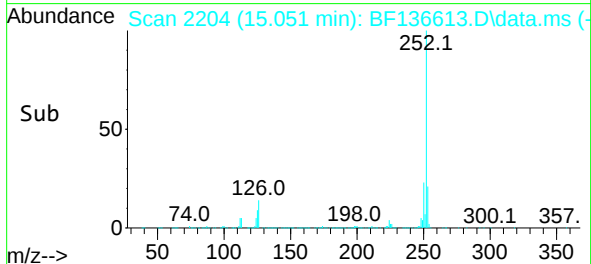
Instrument :
BNA_F
ClientSampleId :
PB157801BSD



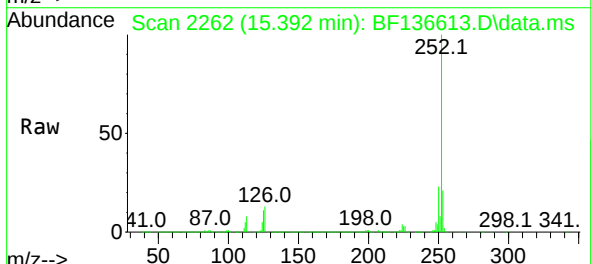
Tgt Ion:252 Resp: 690758
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 9.2 7.5 11.3

Manual Integrations
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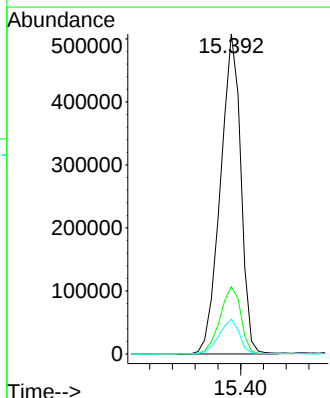
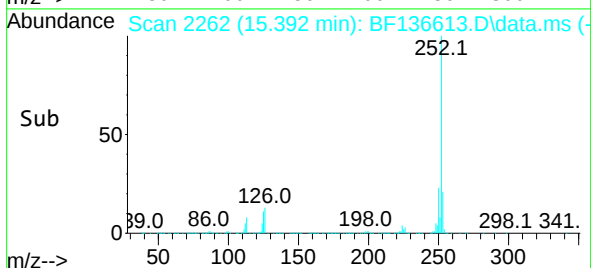
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

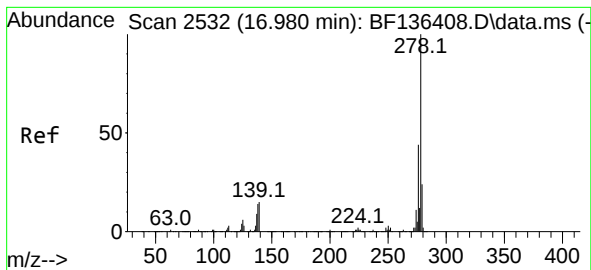


#90
Benzo(a)pyrene
Concen: 44.764 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24



Tgt Ion:252 Resp: 632800
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.4
125 10.9 8.6 13.0





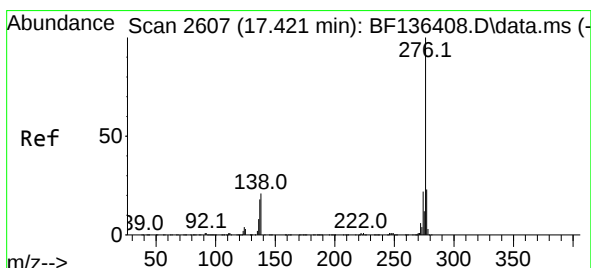
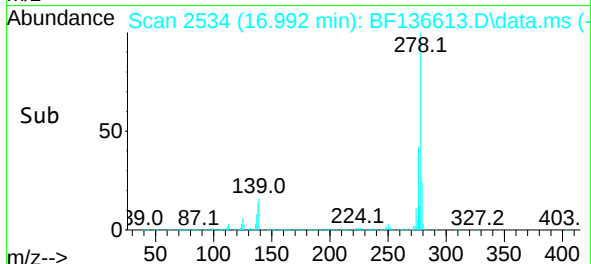
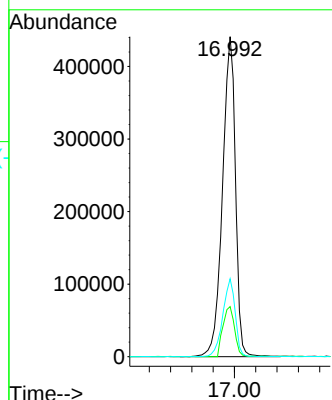
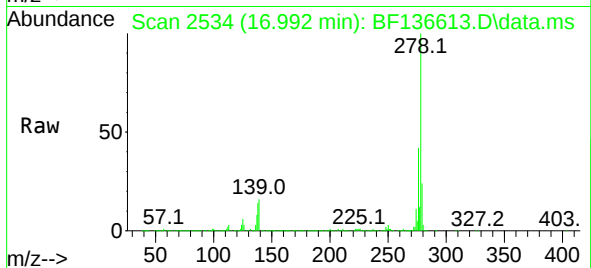
#91
Dibenzo(a,h)anthracene
Concen: 52.303 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Instrument :
BNA_F
ClientSampleId :
PB157801BSD

Tgt Ion:278 Resp: 74524
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 24.3 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#92
Benzo(g,h,i)perylene
Concen: 49.674 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.029 min
Lab File: BF136613.D
Acq: 18 Dec 2023 14:24

Tgt Ion:276 Resp: 726475
Ion Ratio Lower Upper
276 100
277 23.0 18.7 28.1
138 20.1 16.6 25.0

