

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136525.D
 Acq On : 12 Dec 2023 19:59
 Operator : CG\JU
 Sample : 05726-05MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 23:20:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	87446	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	317342	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	149084	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	244258	20.000	ng	0.00
76) Chrysene-d12	13.980	240	204123	20.000	ng	0.00
86) Perylene-d12	15.457	264	211921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	464608	78.465	ng	0.00
7) Phenol-d6	6.440	99	557713	75.493	ng	0.00
23) Nitrobenzene-d5	7.357	82	333553	56.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	134346	73.085	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	635506	58.165	ng	-0.01
79) Terphenyl-d14	12.916	244	600791	38.794	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	87555	37.385	ng	97
3) Pyridine	3.375	79	199543	35.182	ng	94
4) n-Nitrosodimethylamine	3.340	42	94497	38.349	ng	98
6) Aniline	6.463	93	174266	23.341	ng	99
8) 2-Chlorophenol	6.587	128	241122	37.301	ng	97
9) Benzaldehyde	6.351	77	81443	19.084	ng	93
10) Phenol	6.451	94	280185	35.642	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	214867	36.670	ng	97
12) 1,3-Dichlorobenzene	6.740	146	257876	35.473	ng	97
13) 1,4-Dichlorobenzene	6.816	146	263520	35.734	ng	99
14) 1,2-Dichlorobenzene	6.963	146	248756	35.872	ng	99
15) Benzyl Alcohol	6.940	79	183775	37.149	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	257801	34.208	ng	94
17) 2-Methylphenol	7.057	107	185797	35.577	ng	99
18) Hexachloroethane	7.304	117	86805	33.715	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	147178	34.536	ng	99
20) 3+4-Methylphenols	7.204	107	226164	34.890	ng	# 84
22) Acetophenone	7.204	105	322820	41.195	ng	99
24) Nitrobenzene	7.375	77	221146	37.449	ng	98
25) Isophorone	7.616	82	389772	36.958	ng	95
26) 2-Nitrophenol	7.692	139	115717	39.860	ng	94
27) 2,4-Dimethylphenol	7.734	122	170007	47.492	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	245748	37.921	ng	98
29) 2,4-Dichlorophenol	7.934	162	182053	38.530	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	208943	37.923	ng	95
31) Naphthalene	8.098	128	661487	37.799	ng	99
32) Benzoic acid	7.845	122	112538	31.691	ng	95
33) 4-Chloroaniline	8.145	127	75904	12.166	ng	99
34) Hexachlorobutadiene	8.210	225	120611	36.937	ng	96
35) Caprolactam	8.510	113	56362m	38.735	ng	
36) 4-Chloro-3-methylphenol	8.634	107	185886	37.052	ng	98
37) 2-Methylnaphthalene	8.787	142	411391	36.951	ng	93
38) 1-Methylnaphthalene	8.886	142	390786	35.770	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	198728	42.846	ng	99
41) Hexachlorocyclopentadiene	8.939	237	67202	39.109	ng	95
43) 2,4,6-Trichlorophenol	9.069	196	124018	41.065	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	128871	38.233	ng	96
46) 1,1'-Biphenyl	9.251	154	526248	41.484	ng	97
47) 2-Chloronaphthalene	9.275	162	387066	39.203	ng	97
48) 2-Nitroaniline	9.375	65	104344	39.404	ng	94
49) Acenaphthylene	9.692	152	599460	42.621	ng	99
50) Dimethylphthalate	9.557	163	438161	39.920	ng	99
51) 2,6-Dinitrotoluene	9.616	165	94301	38.189	ng	96
52) Acenaphthene	9.863	154	344987	38.277	ng	95
53) 3-Nitroaniline	9.786	138	63275	25.093	ng	97
54) 2,4-Dinitrophenol	9.898	184	23388	18.733	ng	97
55) Dibenzofuran	10.039	168	513053	38.966	ng	98
56) 4-Nitrophenol	9.957	139	138193	73.106	ng	98
57) 2,4-Dinitrotoluene	10.022	165	116734	35.736	ng	95
58) Fluorene	10.381	166	394956	37.368	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	100726	37.306	ng	99
60) Diethylphthalate	10.257	149	396566	36.742	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	192560	37.372	ng	97
62) 4-Nitroaniline	10.398	138	76829	30.685	ng	92
63) Azobenzene	10.533	77	342139	34.827	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	22118	14.621	ng	83
66) n-Nitrosodiphenylamine	10.492	169	338869	43.236	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	115170	40.554	ng	# 91
68) Hexachlorobenzene	10.928	284	126429	38.519	ng	98
69) Atrazine	11.028	200	112488	50.285	ng	95
70) Pentachlorophenol	11.128	266	128945	69.608	ng	98
71) Phenanthrene	11.345	178	576165	42.916	ng	98
72) Anthracene	11.398	178	549418	40.630	ng	98
73) Carbazole	11.557	167	468863	39.175	ng	98
74) Di-n-butylphthalate	11.892	149	562894	38.365	ng	99
75) Fluoranthene	12.539	202	640501	45.525	ng	97
77) Benzidine	12.669	184	297383	52.577	ng	97
78) Pyrene	12.769	202	657902	32.910	ng	98
80) Butylbenzylphthalate	13.398	149	228854	32.159	ng	96
81) Benzo(a)anthracene	13.969	228	616620	43.368	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	194622	48.819	ng	99
83) Chrysene	14.004	228	596094	42.612	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	319209	36.589	ng	98
85) Di-n-octyl phthalate	14.580	149	595076	46.179	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	445386	30.252	ng	99
88) Benzo(b)fluoranthene	15.021	252	639216	44.116	ng	99
89) Benzo(k)fluoranthene	15.057	252	551623	40.397	ng	99
90) Benzo(a)pyrene	15.398	252	502678	42.008	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	361441	29.967	ng	99
92) Benzo(g,h,i)perylene	17.415	276	333882	26.970	ng	97

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

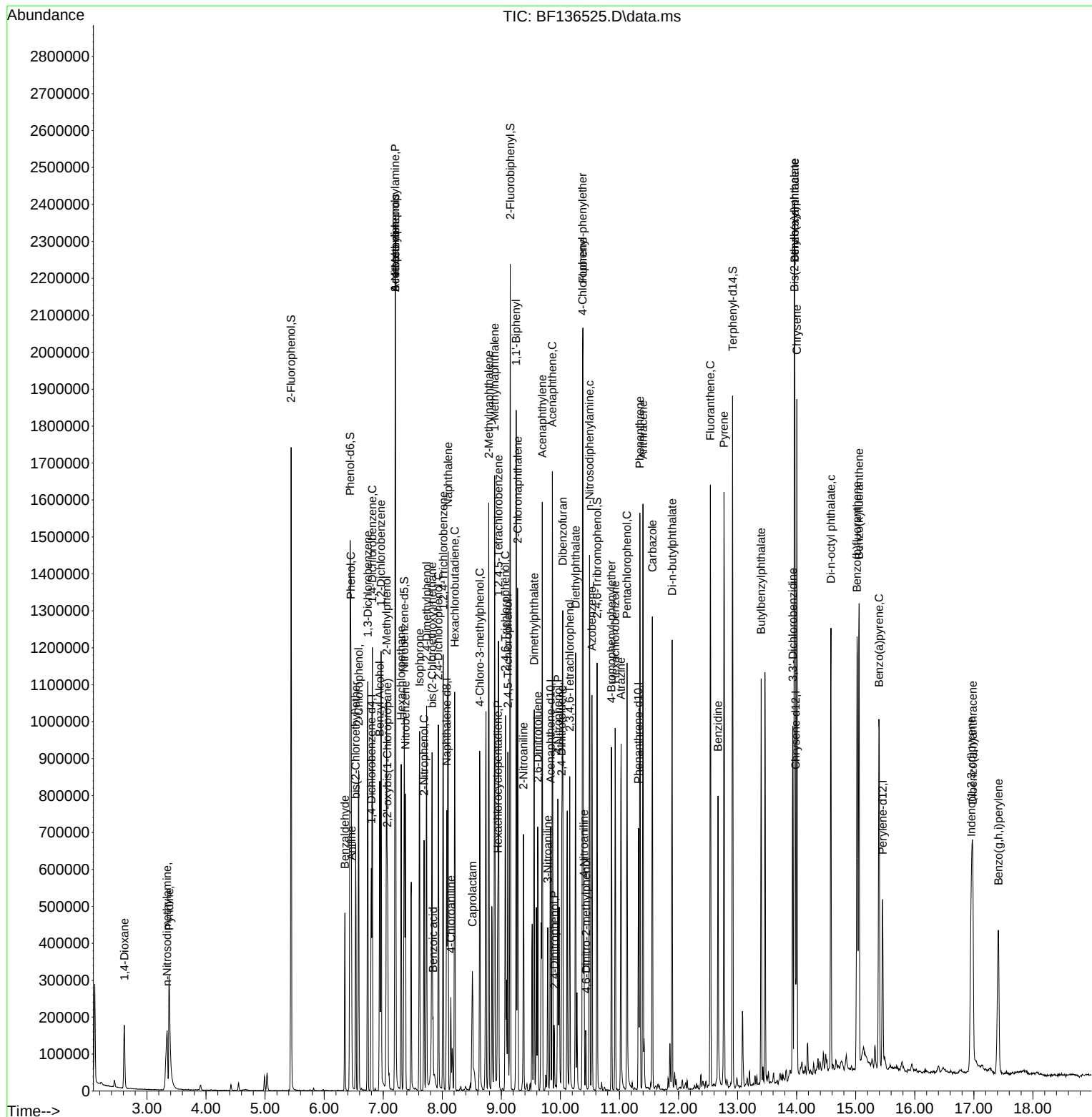
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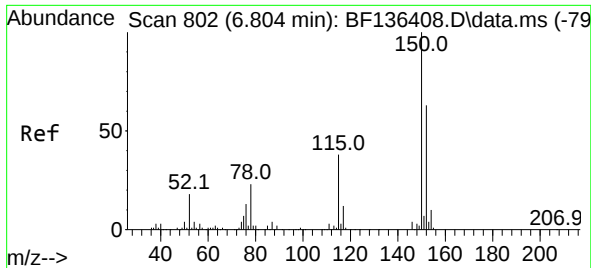
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Manual Integrations APPROVED

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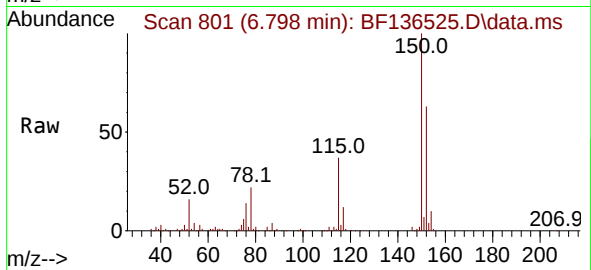
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136525.D
 Acq: 12 Dec 2023 19:59

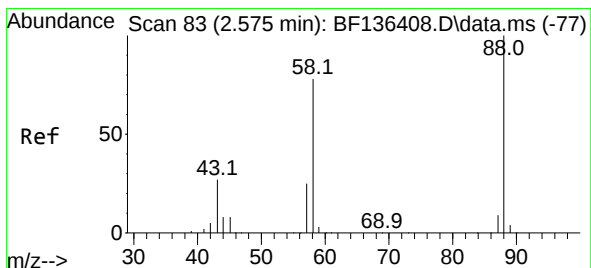
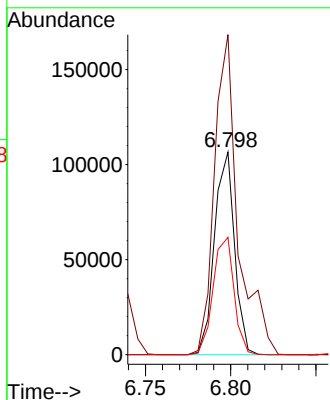
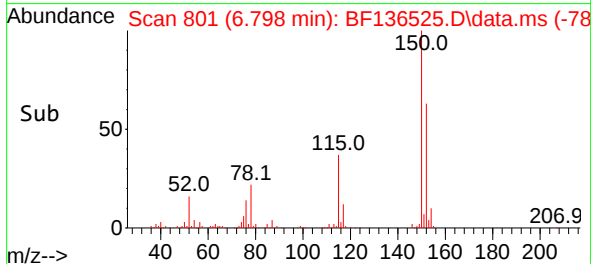
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS



Tgt Ion:152 Resp: 87440
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.4 189.6
 115 57.9 48.2 72.4

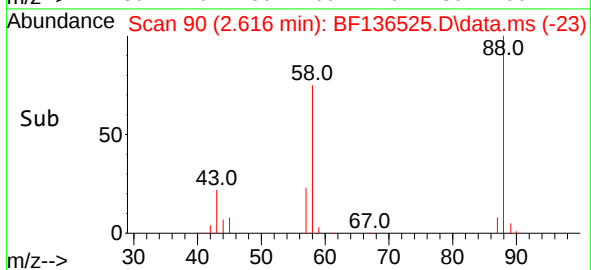
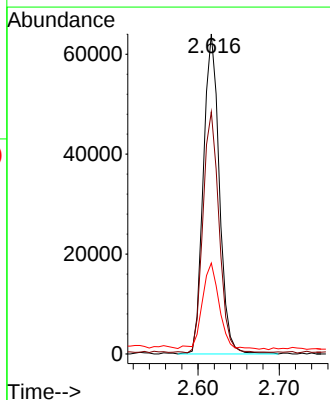
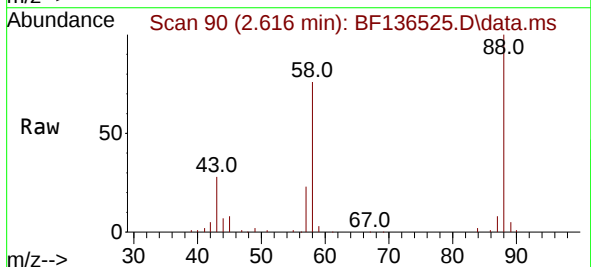
Manual Integrations
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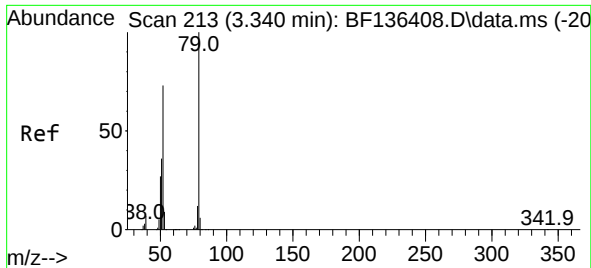
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#2
 1,4-Dioxane
 Concen: 37.385 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.041 min
 Lab File: BF136525.D
 Acq: 12 Dec 2023 19:59

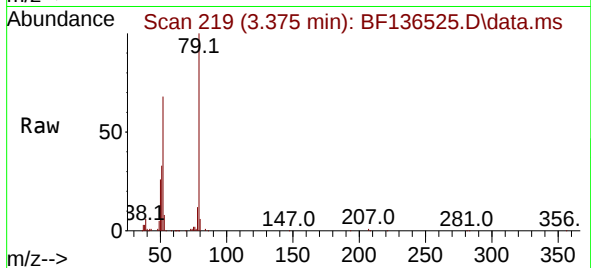
Tgt Ion: 88 Resp: 87555
 Ion Ratio Lower Upper
 88 100
 58 75.4 62.2 93.2
 43 28.5 21.5 32.3





#3
 Pyridine
 Concen: 35.182 ng
 RT: 3.375 min Scan# 213
 Delta R.T. 0.035 min
 Lab File: BF136525.D
 Acq: 12 Dec 2023 19:59

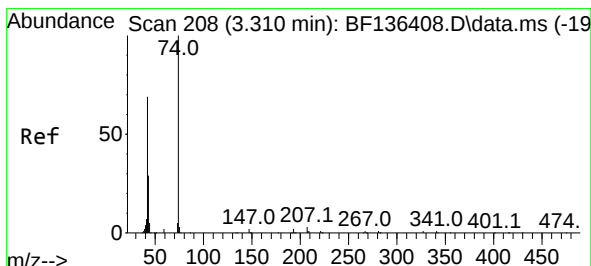
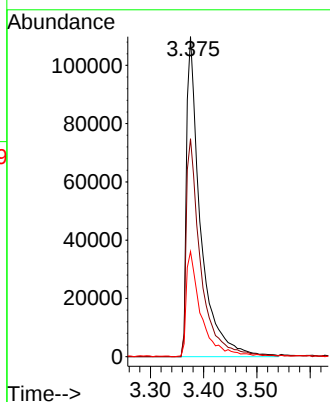
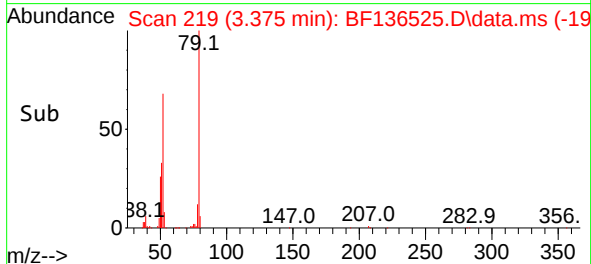
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS



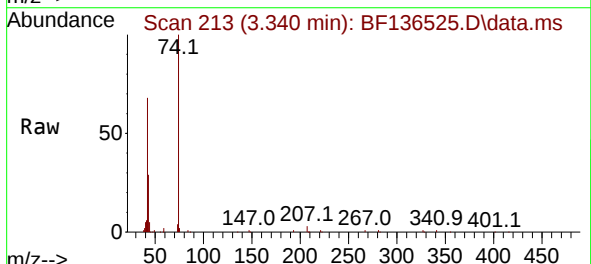
Tgt Ion: 79 Resp: 19954
 Ion Ratio Lower Upper
 79 100
 52 68.1 58.2 87.2
 51 32.9 29.1 43.7

Manual Integrations
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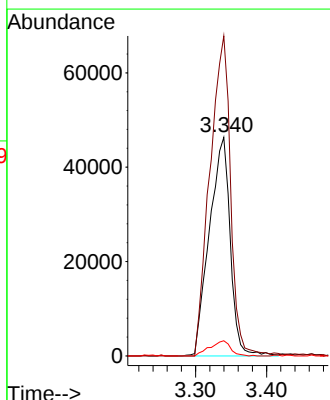
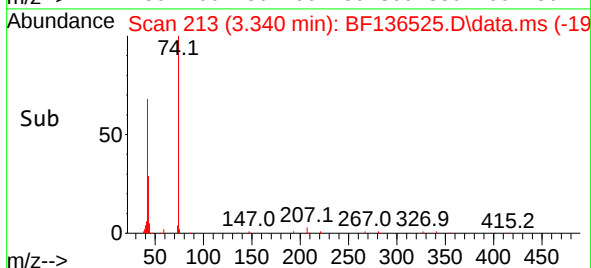
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

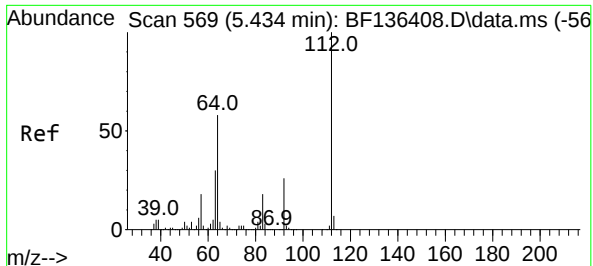


#4
 n-Nitrosodimethylamine
 Concen: 38.349 ng
 RT: 3.340 min Scan# 213
 Delta R.T. 0.029 min
 Lab File: BF136525.D
 Acq: 12 Dec 2023 19:59



Tgt Ion: 42 Resp: 94497
 Ion Ratio Lower Upper
 42 100
 74 146.4 115.4 173.0
 44 6.9 6.2 9.2





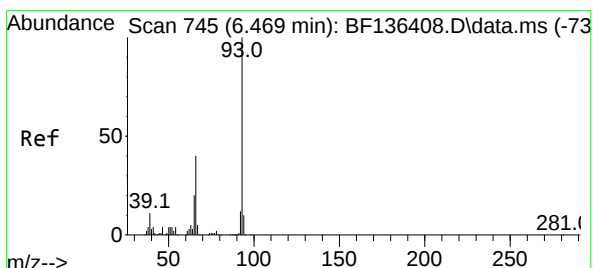
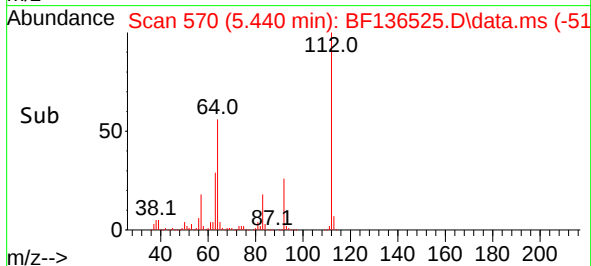
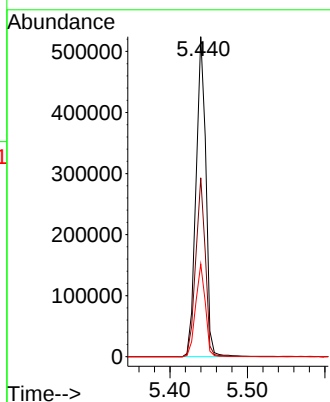
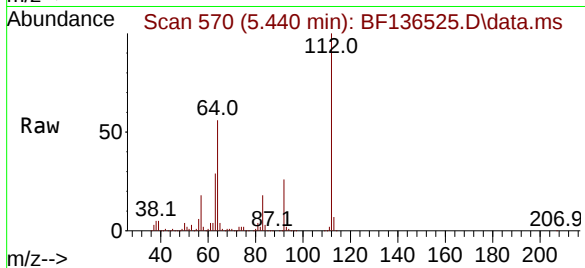
#5
2-Fluorophenol
Concen: 78.465 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion: 112 Resp: 464608
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 29.0 23.9 35.9

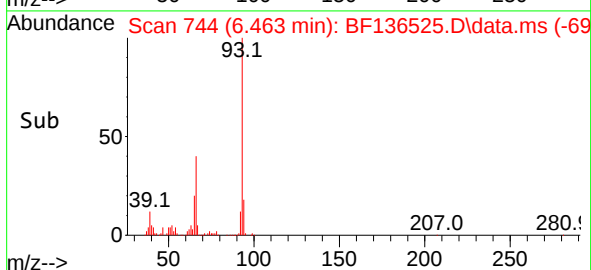
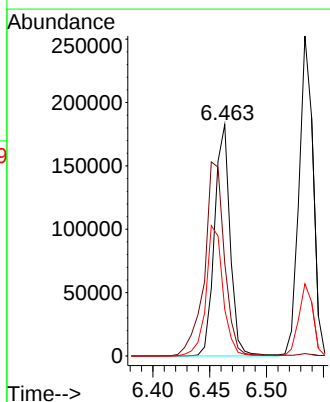
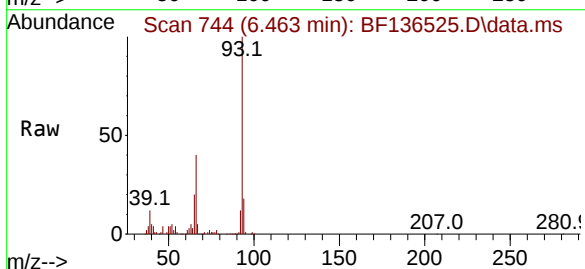
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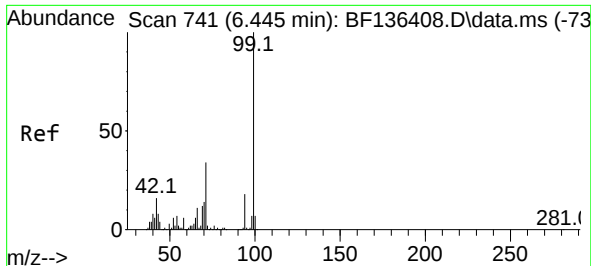
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#6
Aniline
Concen: 23.341 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion: 93 Resp: 174266
Ion Ratio Lower Upper
93 100
66 40.1 32.5 48.7
65 20.0 16.4 24.6





#7

Phenol-d6

Concen: 75.493 ng

RT: 6.440 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

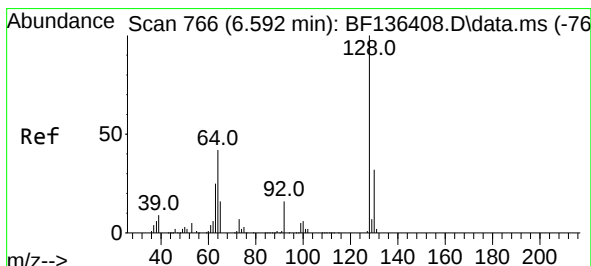
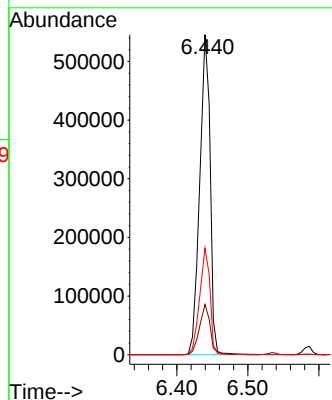
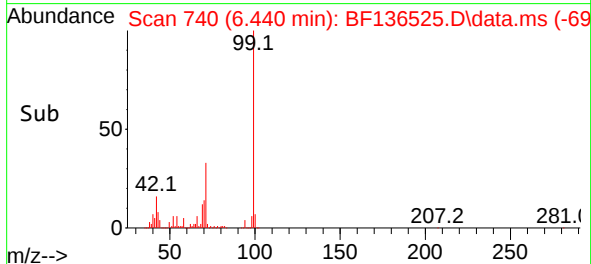
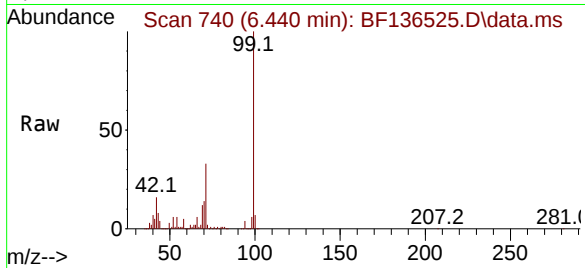
Tgt Ion:	99	Resp:	55771
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.8	19.2
71	33.3	27.0	40.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 37.301 ng

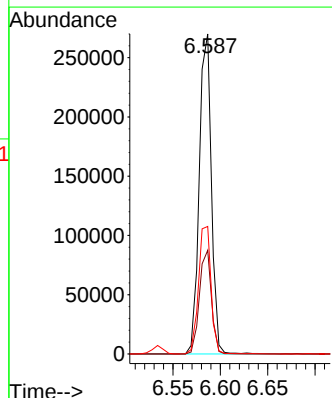
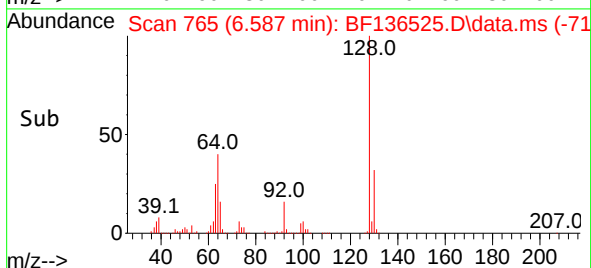
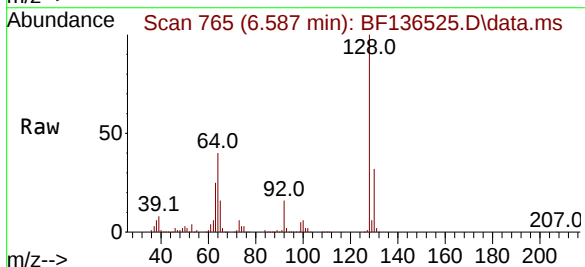
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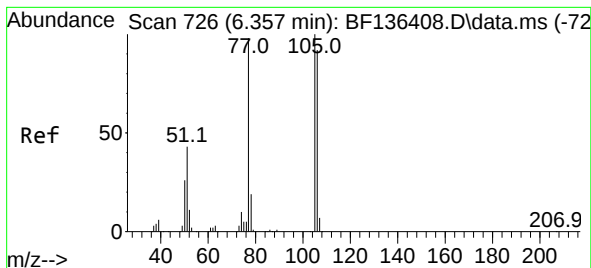
Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Tgt Ion:	128	Resp:	241122
Ion Ratio	Lower	Upper	
128	100		
130	32.4	11.7	51.7
64	39.9	22.5	62.5





#9

Benzaldehyde

Concen: 19.084 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

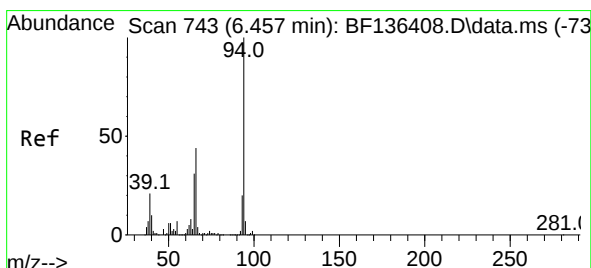
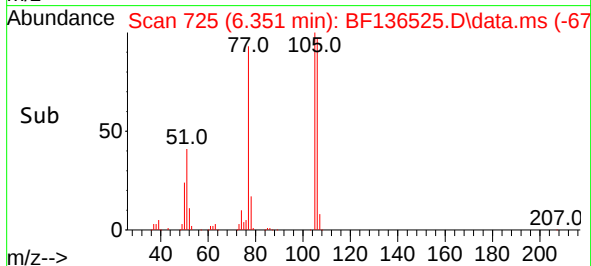
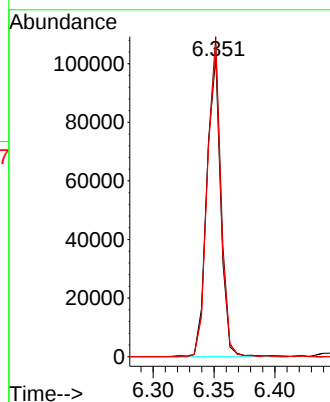
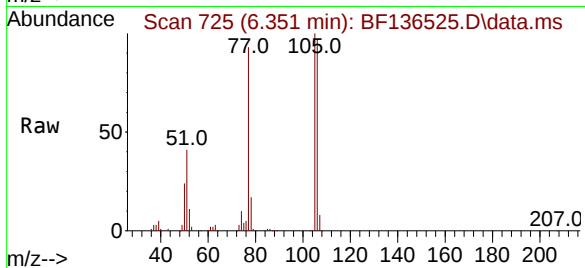
Tgt Ion:	77	Resp:	8144
Ion	Ratio	Lower	Upper
77	100		
105	107.1	82.5	122.5
106	104.1	74.5	114.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#10

Phenol

Concen: 35.642 ng

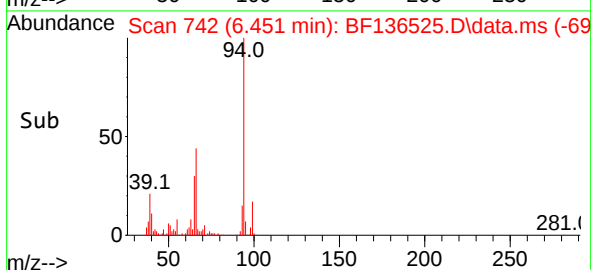
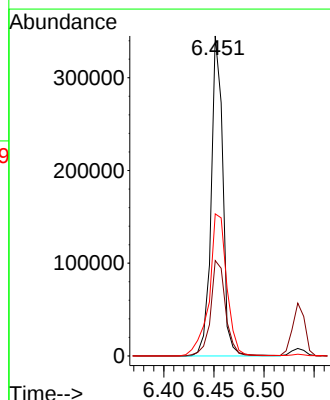
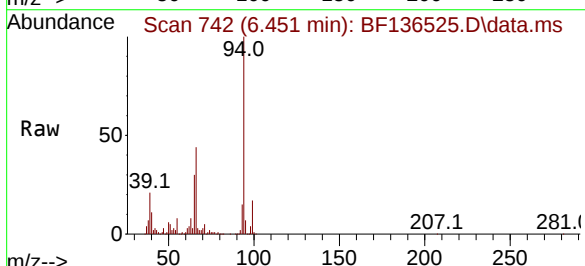
RT: 6.451 min Scan# 742

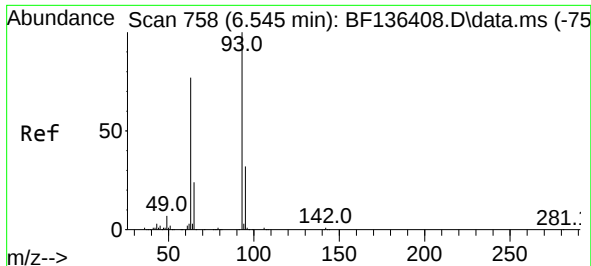
Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

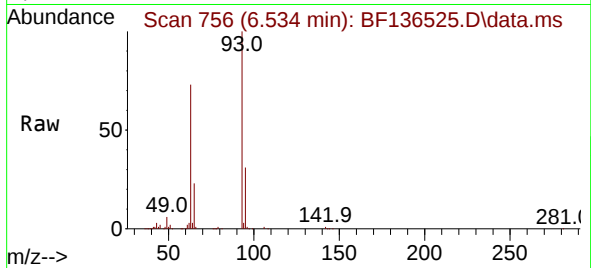
Tgt Ion:	94	Resp:	280185
Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.2	51.2
66	44.4	24.2	64.2





#11
bis(2-Chloroethyl)ether
Concen: 36.670 ng
RT: 6.534 min Scan# 758
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

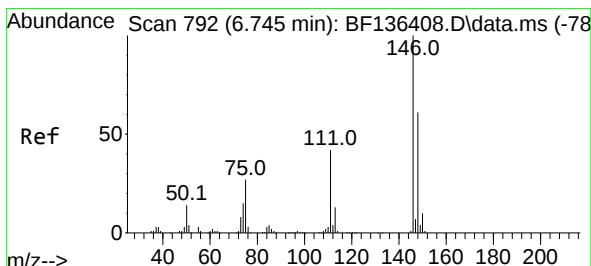
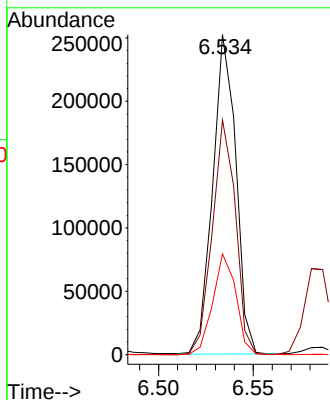
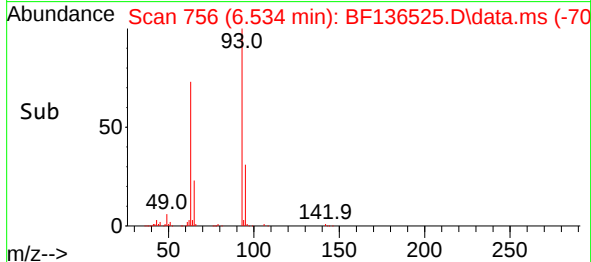
Instrument :
BNA_F
ClientSampleId :
WC-2MS



Tgt Ion: 93 Resp: 21486
Ion Ratio Lower Upper
93 100
63 73.3 56.8 96.8
95 31.5 11.8 51.8

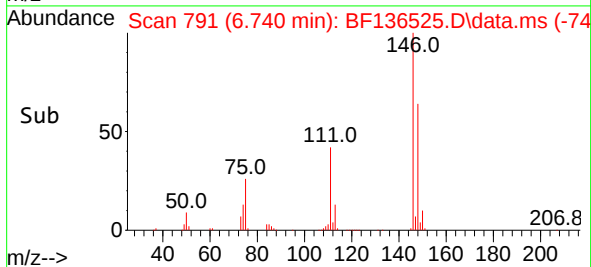
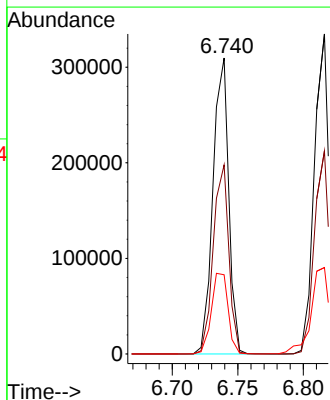
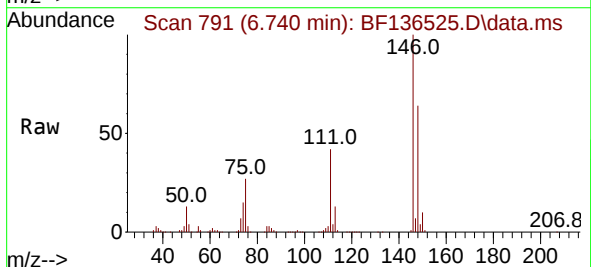
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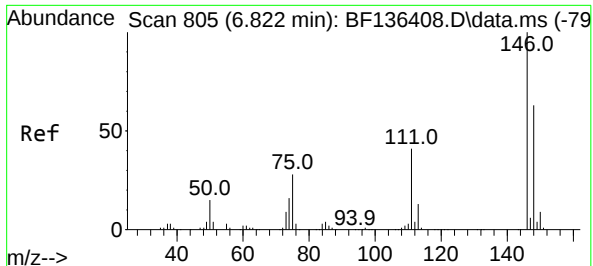
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 35.473 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:146 Resp: 257876
Ion Ratio Lower Upper
146 100
148 63.9 49.0 73.6
75 26.8 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 35.734 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

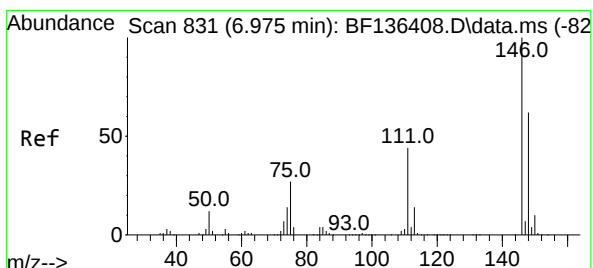
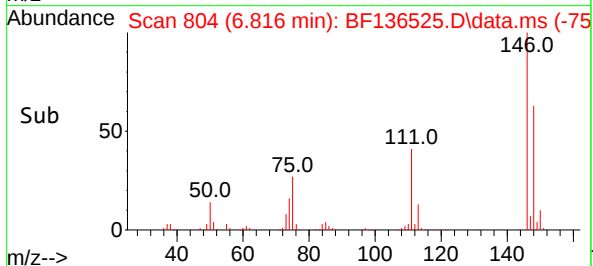
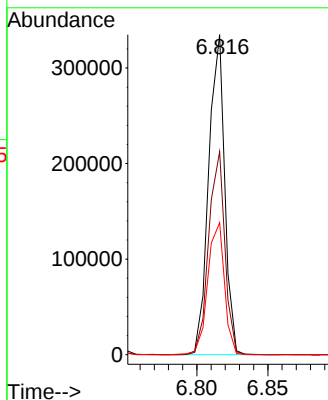
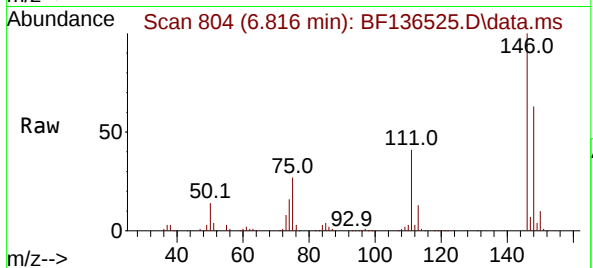
Tgt Ion:146 Resp: 263520
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.3 75.5
 111 41.3 32.6 49.0

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#14

1,2-Dichlorobenzene

Concen: 35.872 ng

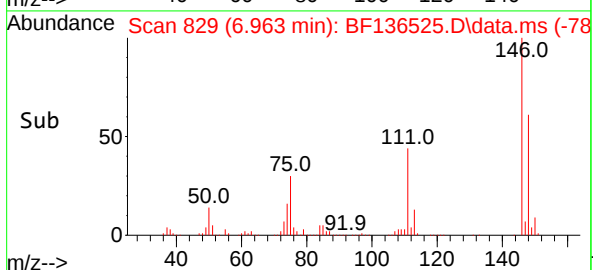
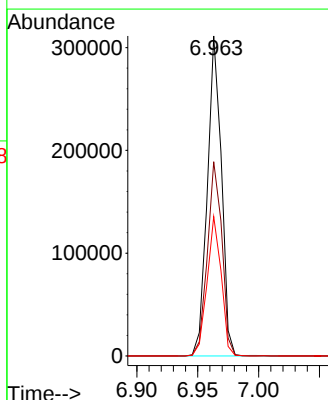
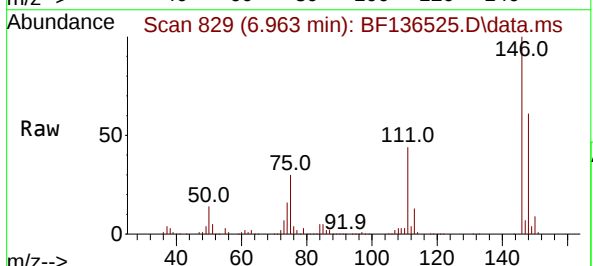
RT: 6.963 min Scan# 829

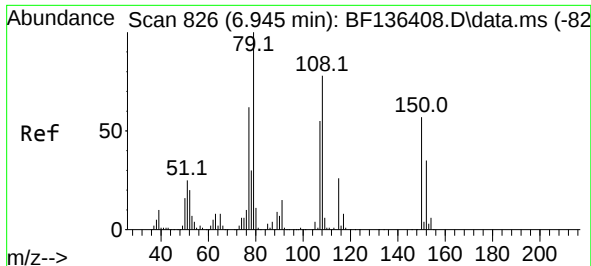
Delta R.T. -0.012 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Tgt Ion:146 Resp: 248756
 Ion Ratio Lower Upper
 146 100
 148 60.7 49.8 74.6
 111 43.5 34.9 52.3





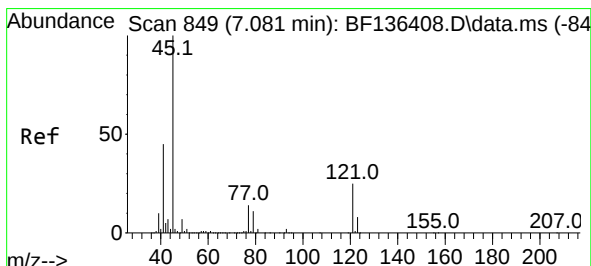
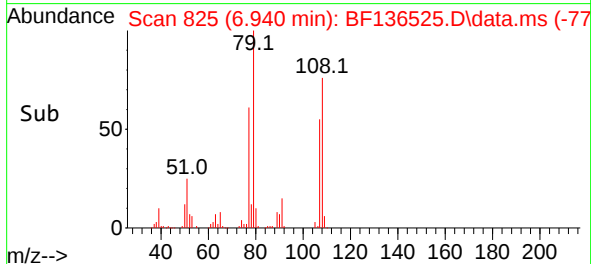
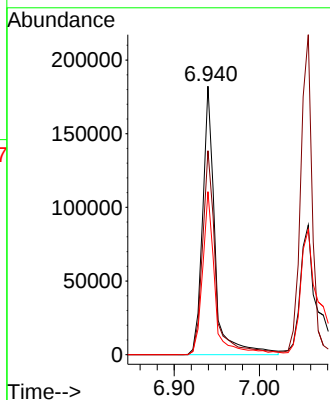
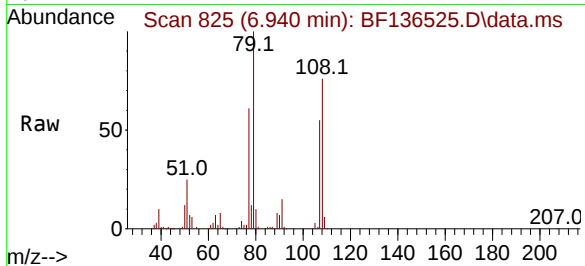
#15
Benzyl Alcohol
Concen: 37.149 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion: 79 Resp: 18377
Ion Ratio Lower Upper
79 100
108 76.0 62.3 93.5
77 60.7 49.8 74.8

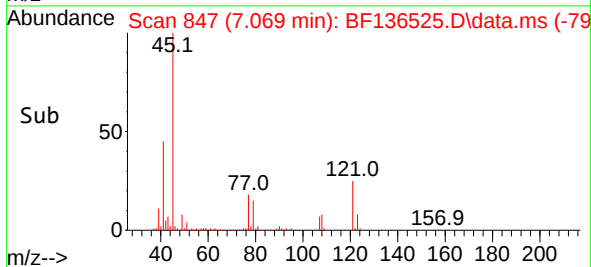
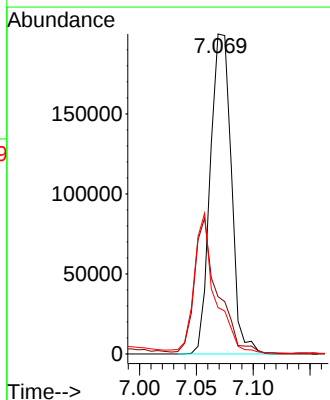
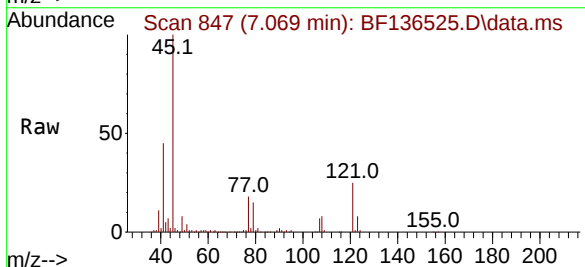
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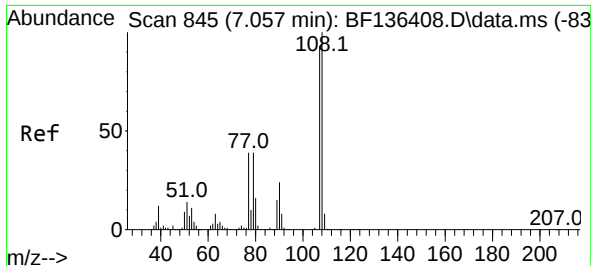
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.208 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

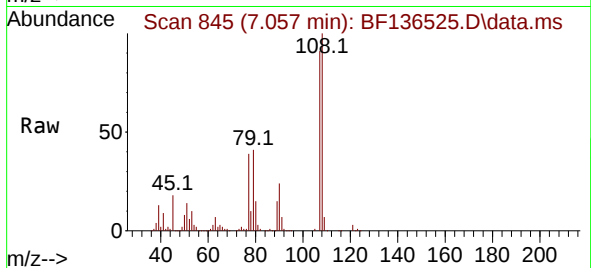
Tgt Ion: 45 Resp: 257801
Ion Ratio Lower Upper
45 100
77 17.9 0.0 35.3
79 14.5 0.0 32.5





#17
2-Methylphenol
Concen: 35.577 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

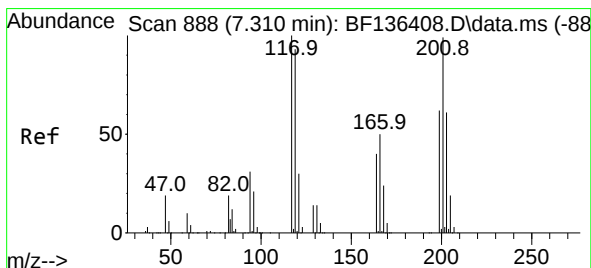
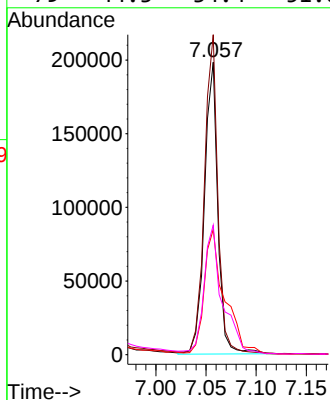
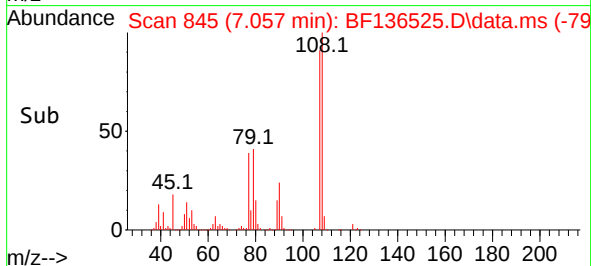
Instrument :
BNA_F
ClientSampleId :
WC-2MS



Tgt Ion:	107	Resp:	18579
Ion	Ratio	Lower	Upper
107	100		
108	109.4	86.5	129.7
77	42.8	33.8	50.8
79	44.3	34.4	51.6

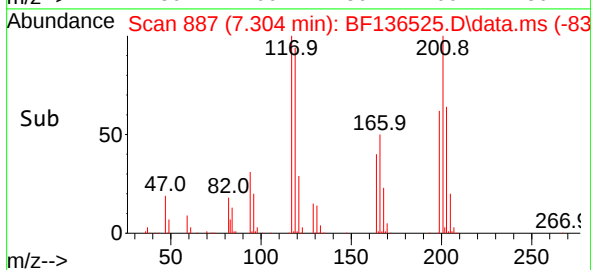
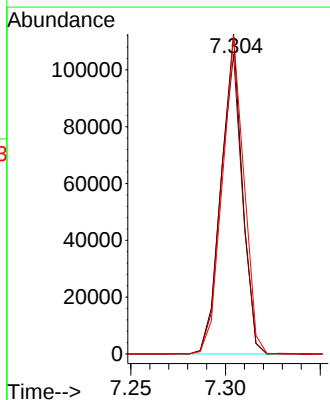
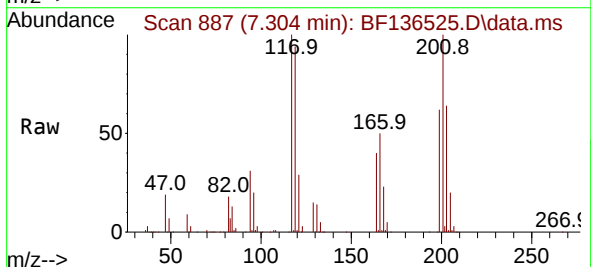
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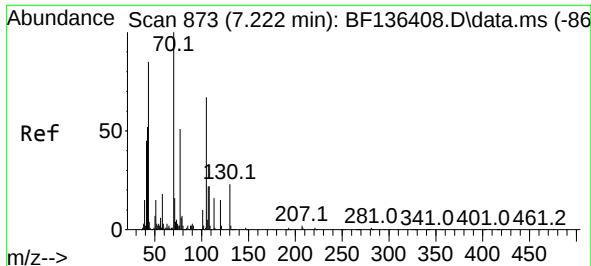
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 33.715 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

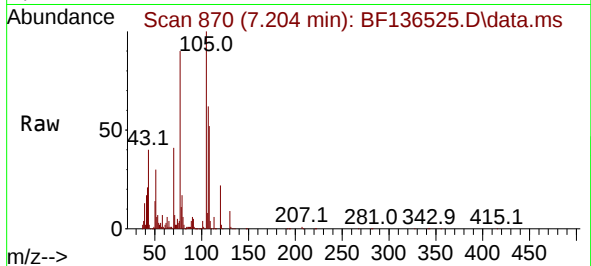
Tgt Ion:	117	Resp:	86805
Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.3	111.5
201	99.7	79.3	118.9





#19
n-Nitroso-di-n-propylamine
Concen: 34.536 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

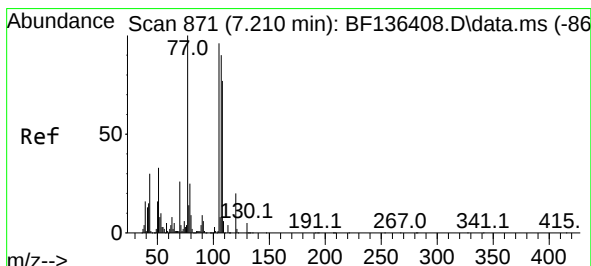
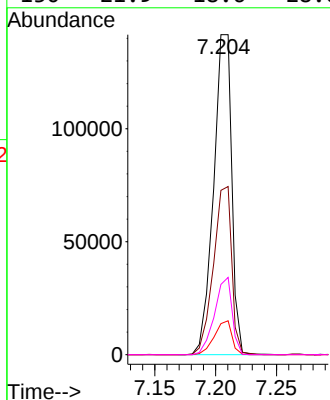
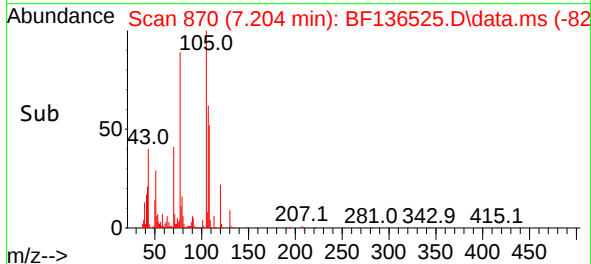
Instrument :
BNA_F
ClientSampleId :
WC-2MS



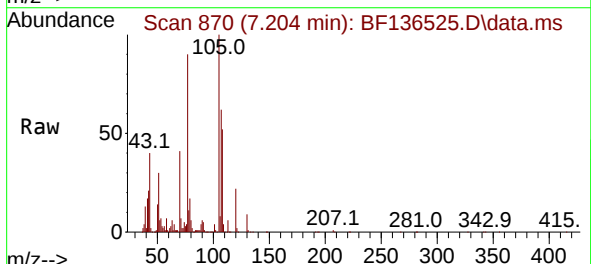
Tgt Ion: 70 Resp: 147178
Ion Ratio Lower Upper
70 100
42 51.3 41.4 62.0
101 9.7 8.2 12.4
130 21.9 18.6 28.0

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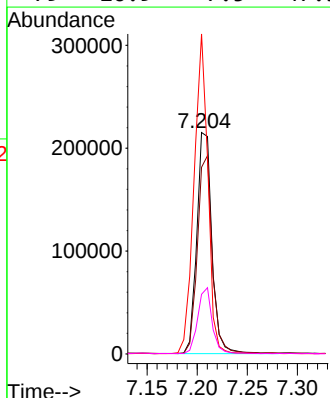
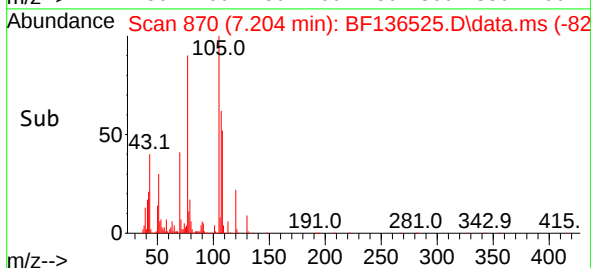
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

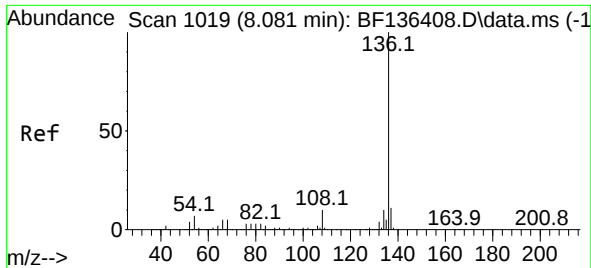


#20
3+4-Methylphenols
Concen: 34.890 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59



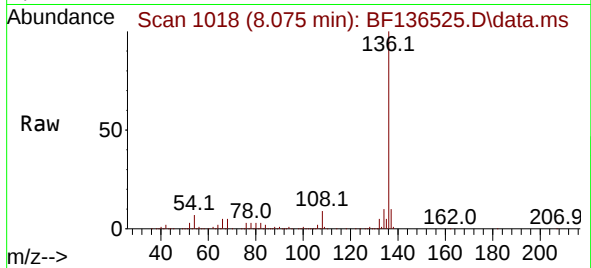
Tgt Ion:107 Resp: 226164
Ion Ratio Lower Upper
107 100
108 84.4 65.9 105.9
77 144.5 91.7 131.7#
79 26.9 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

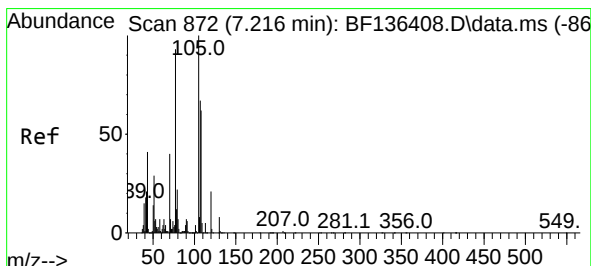
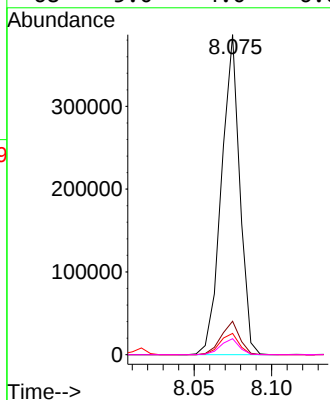
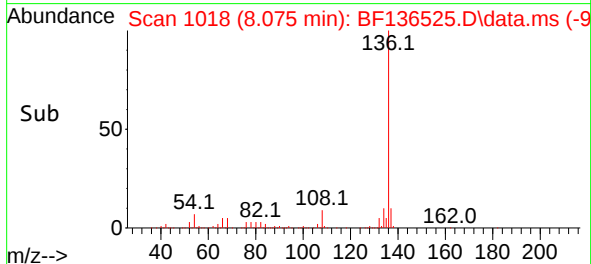
Instrument :
BNA_F
ClientSampleId :
WC-2MS



Tgt Ion:136 Resp: 31734
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.7 5.7 8.5
68 5.0 4.0 6.0

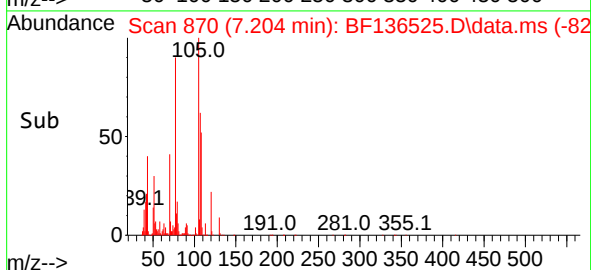
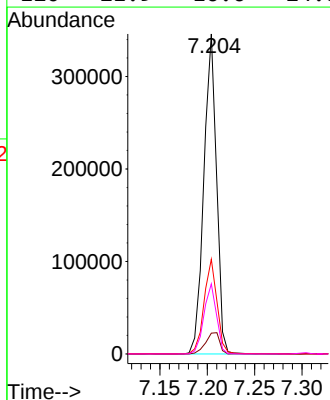
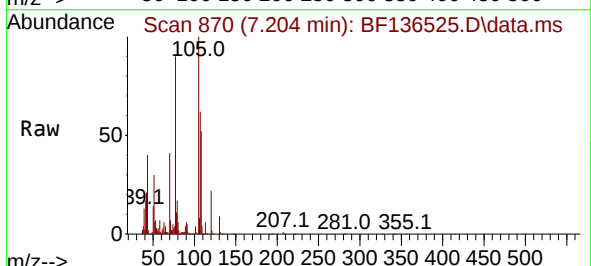
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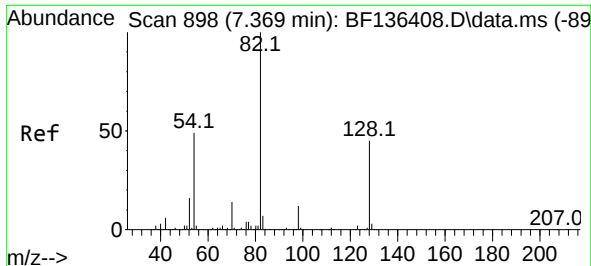
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#22
Acetophenone
Concen: 41.195 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:105 Resp: 322820
Ion Ratio Lower Upper
105 100
71 6.5 5.4 8.0
51 29.6 23.4 35.2
120 21.9 16.6 24.8





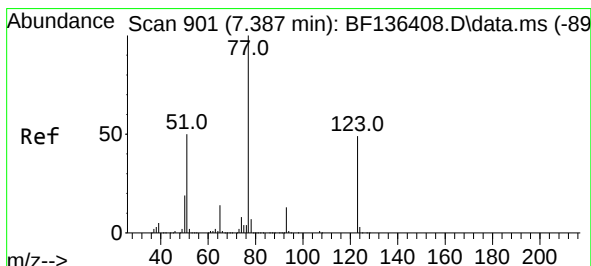
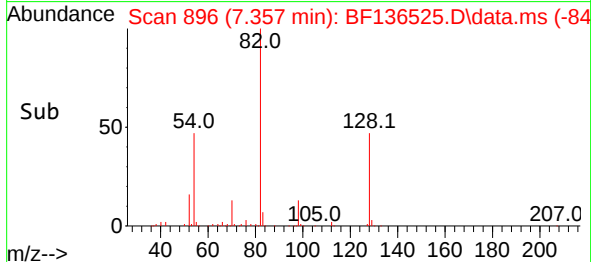
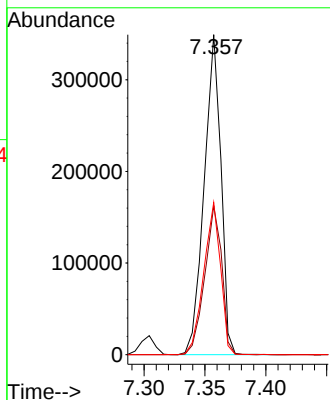
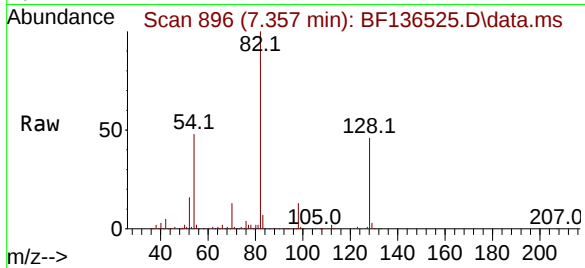
#23
Nitrobenzene-d5
Concen: 56.822 ng
RT: 7.357 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion: 82 Resp: 33355
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 47.5 39.0 58.6

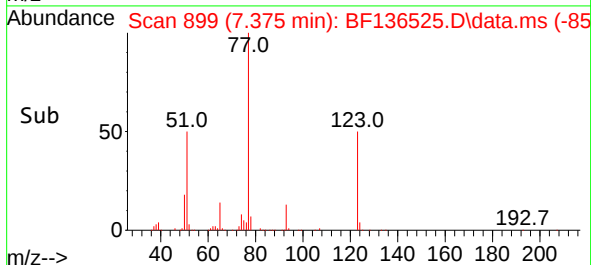
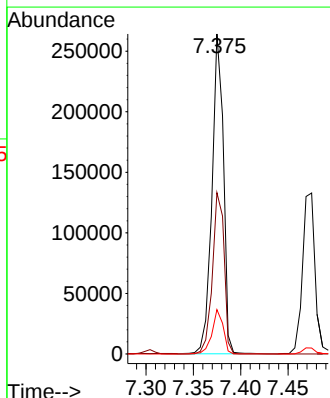
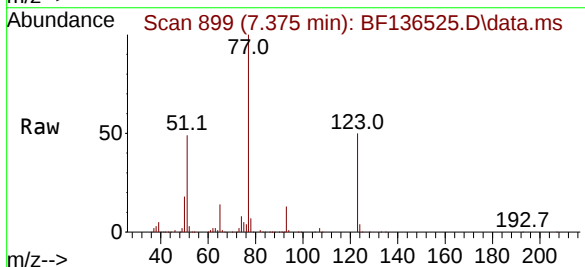
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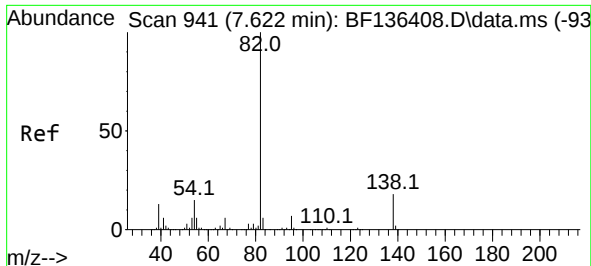
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#24
Nitrobenzene
Concen: 37.449 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

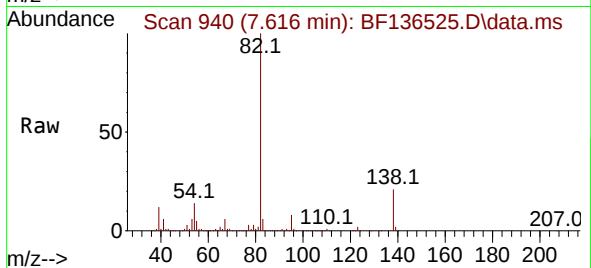
Tgt Ion: 77 Resp: 221146
Ion Ratio Lower Upper
77 100
123 50.4 39.0 58.6
65 13.9 11.3 16.9





#25
Isophorone
Concen: 36.958 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

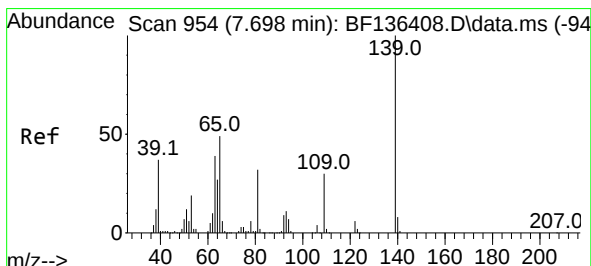
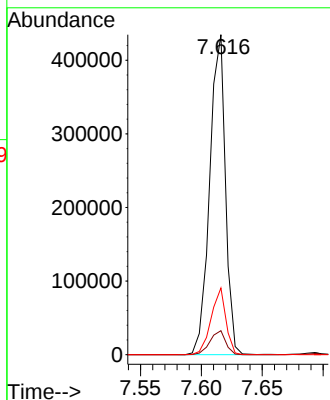
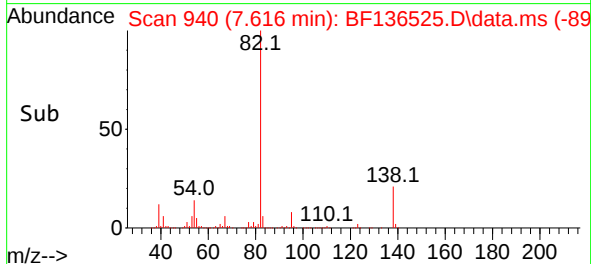
Instrument :
BNA_F
ClientSampleId :
WC-2MS



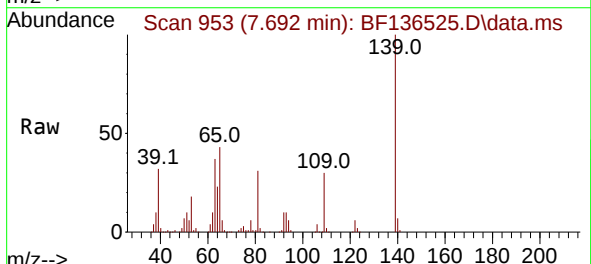
Tgt Ion: 82 Resp: 389772
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 20.8 14.5 21.7

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APPROVED

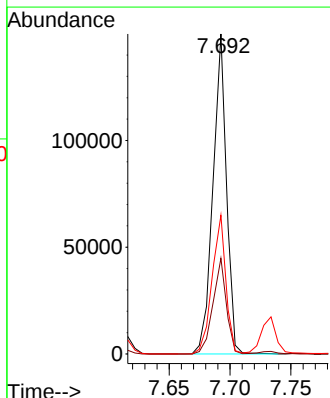
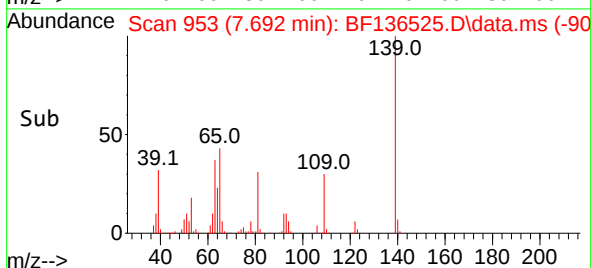
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

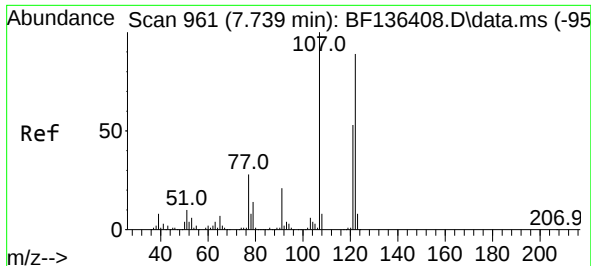


#26
2-Nitrophenol
Concen: 39.860 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59



Tgt Ion:139 Resp: 115717
Ion Ratio Lower Upper
139 100
109 29.9 23.6 35.4
65 43.4 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 47.492 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

Tgt Ion:122 Resp: 17000

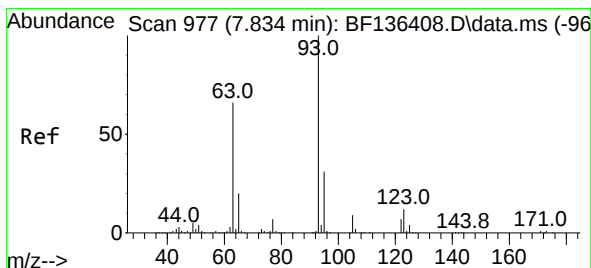
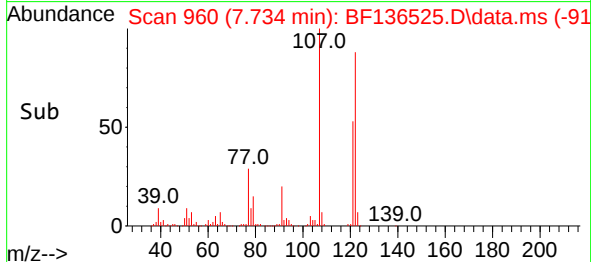
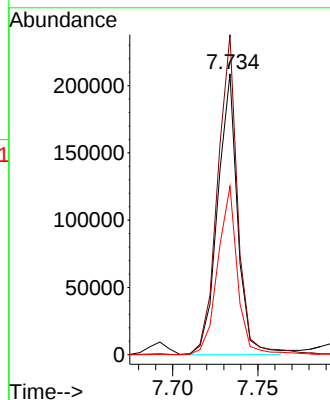
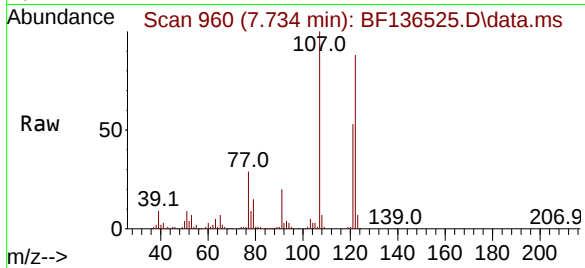
Ion	Ratio	Lower	Upper
122	100		
107	113.9	89.3	133.9
121	60.0	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.921 ng

RT: 7.828 min Scan# 976

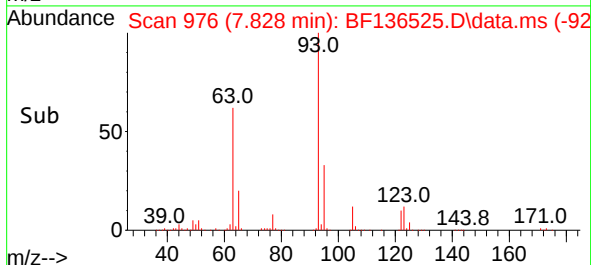
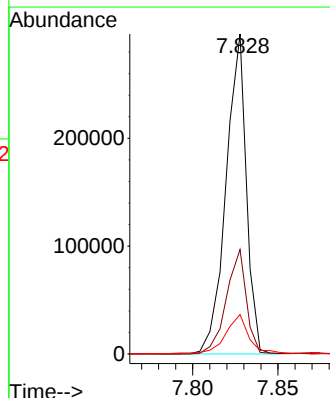
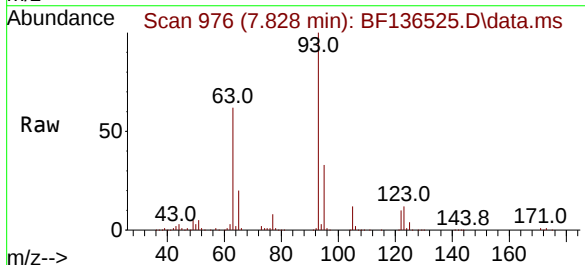
Delta R.T. -0.006 min

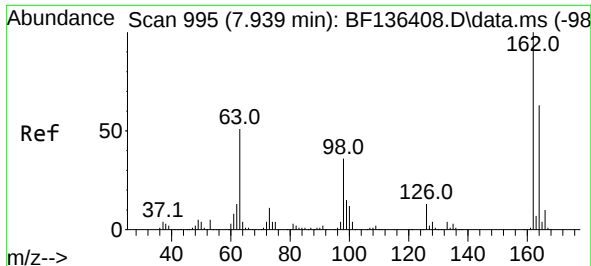
Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Tgt Ion: 93 Resp: 245748

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.4
123	12.3	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 38.530 ng

RT: 7.934 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

Tgt Ion:162 Resp: 18205

Ion Ratio Lower Upper

162 100

164 64.5 43.0 83.0

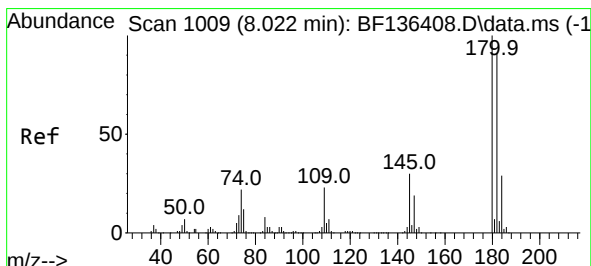
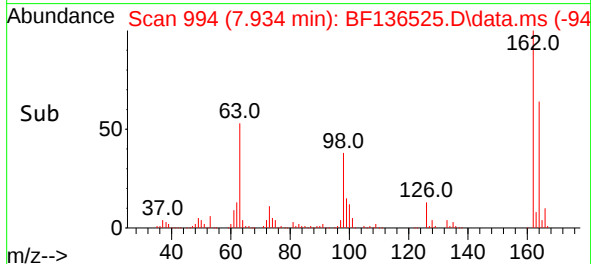
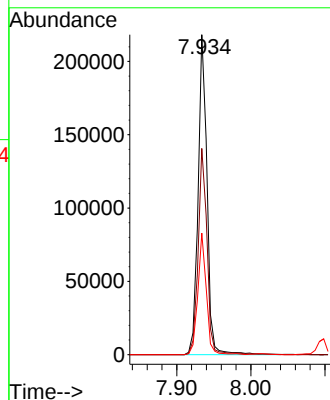
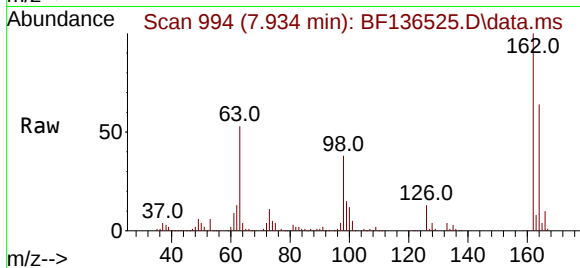
98 38.0 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.923 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

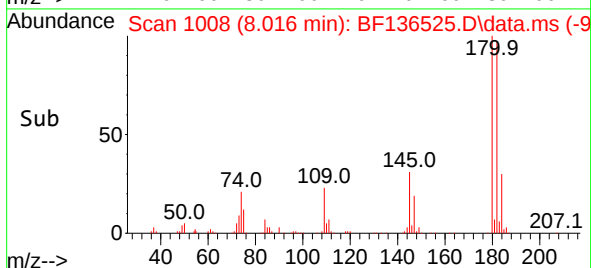
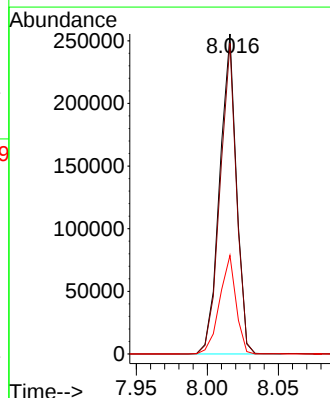
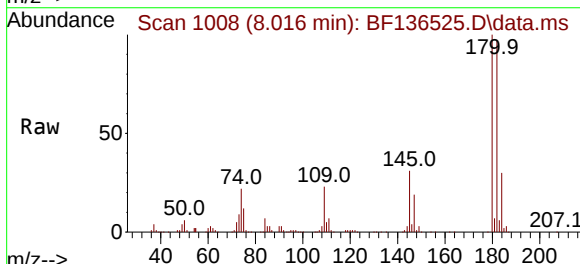
Tgt Ion:180 Resp: 208943

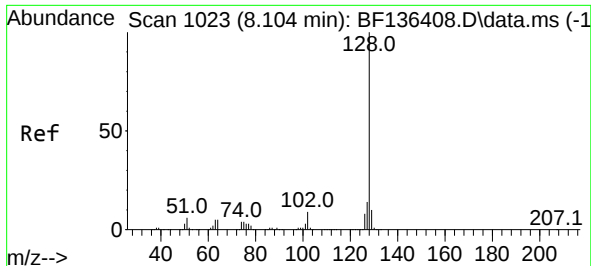
Ion Ratio Lower Upper

180 100

182 97.1 73.1 109.7

145 30.8 23.8 35.8





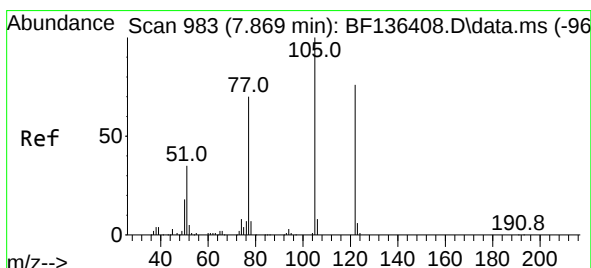
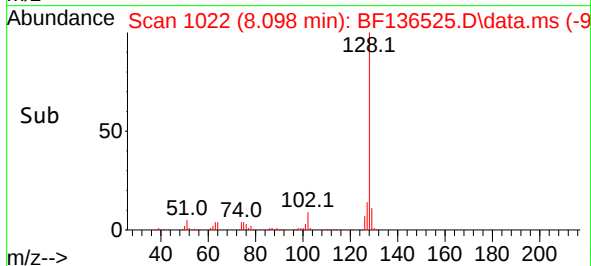
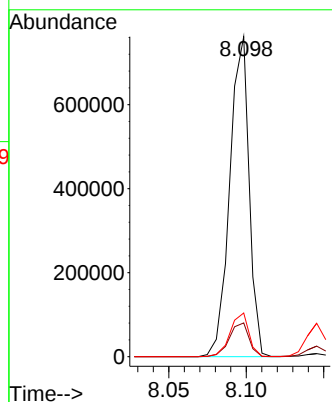
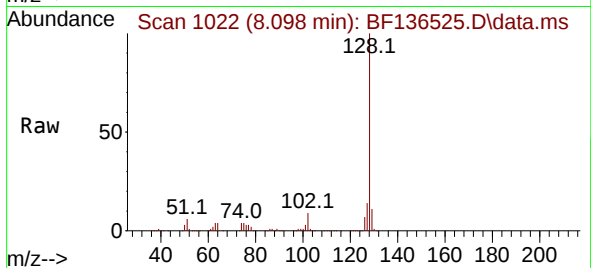
#31
Naphthalene
Concen: 37.799 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:128 Resp: 66148
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.7 11.1 16.7

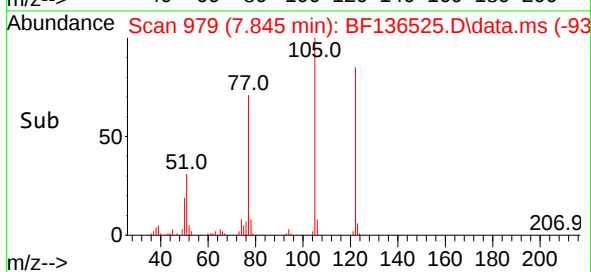
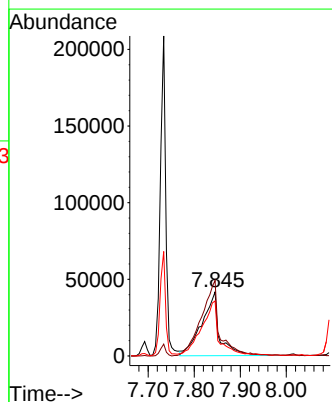
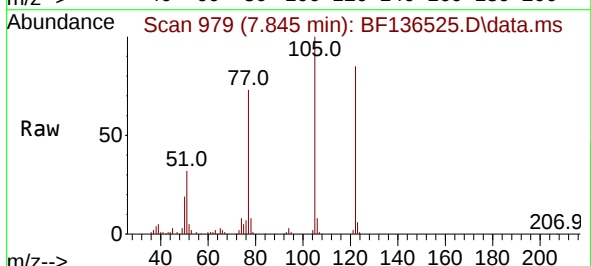
Manual Integrations
APPROVED

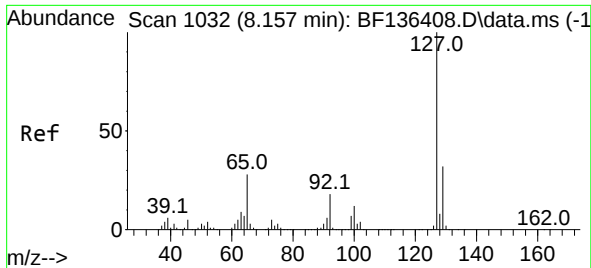
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 31.691 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.023 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:122 Resp: 112538
Ion Ratio Lower Upper
122 100
105 118.0 104.7 144.7
77 86.1 68.5 108.5





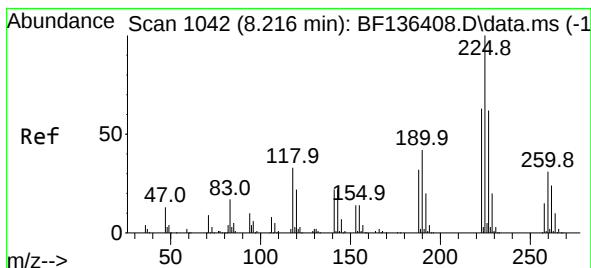
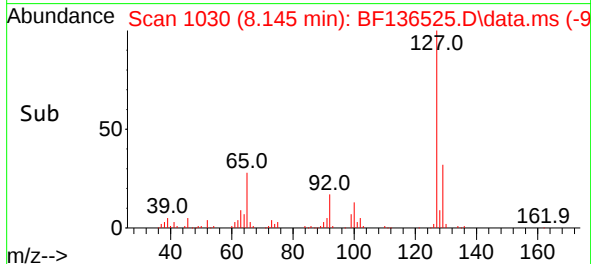
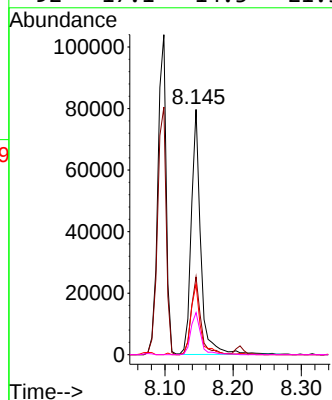
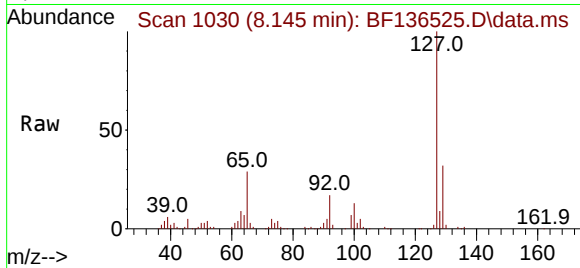
#33
4-Chloroaniline
Concen: 12.166 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:127	Resp:	75904
Ion Ratio	Lower	Upper
127	100	
129	31.7	25.4 38.2
65	28.7	22.5 33.7
92	17.1	14.3 21.5

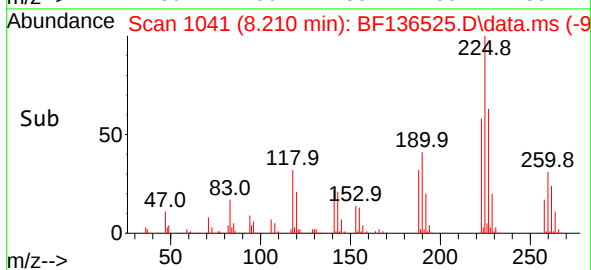
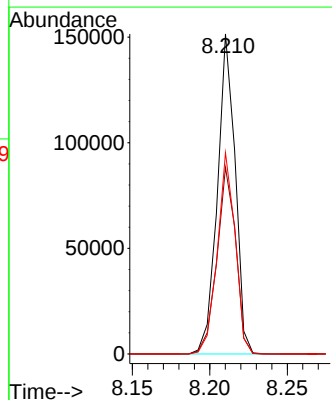
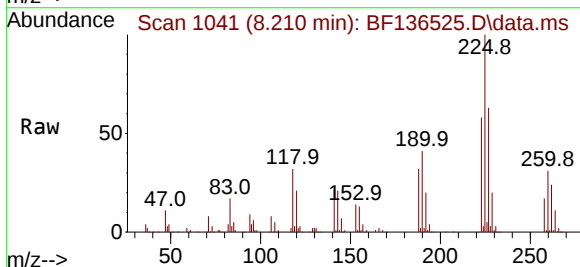
Manual Integrations
APPROVED

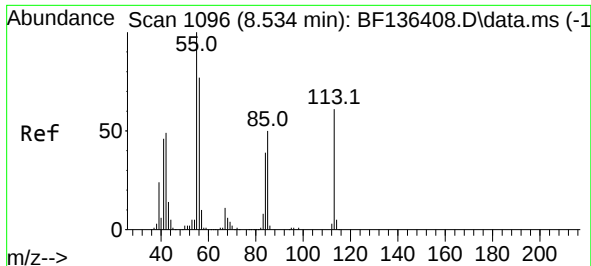
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 36.937 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

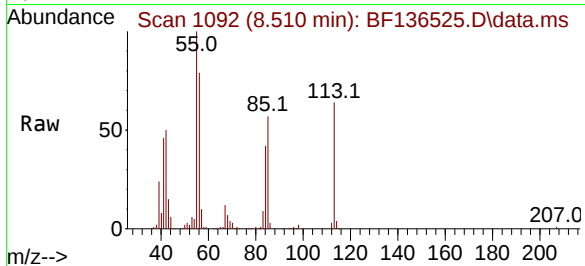
Tgt Ion:225	Resp:	120611
Ion Ratio	Lower	Upper
225	100	
223	58.3	50.8 76.2
227	62.9	49.8 74.8





#35
Caprolactam
Concen: 38.735 ng m
RT: 8.510 min Scan# 1096
Delta R.T. -0.023 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

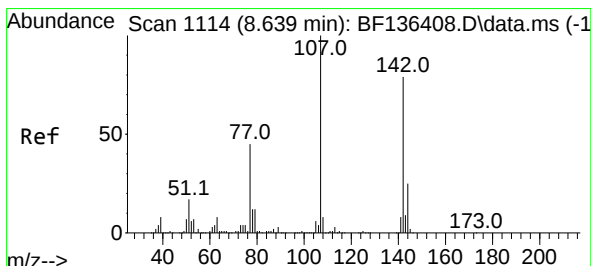
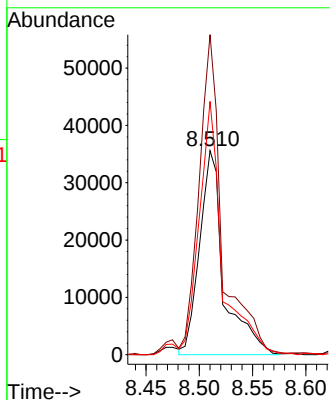
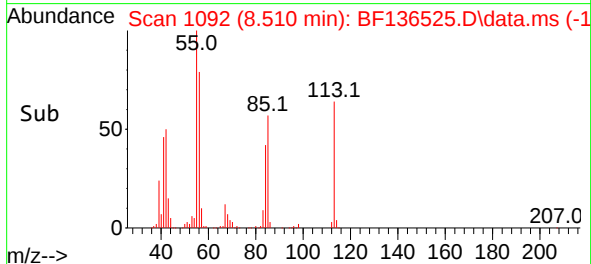
Instrument :
BNA_F
ClientSampleId :
WC-2MS



Tgt Ion:113 Resp: 56362
Ion Ratio Lower Upper
113 100
55 156.8 143.7 183.7
56 124.2 105.2 145.2

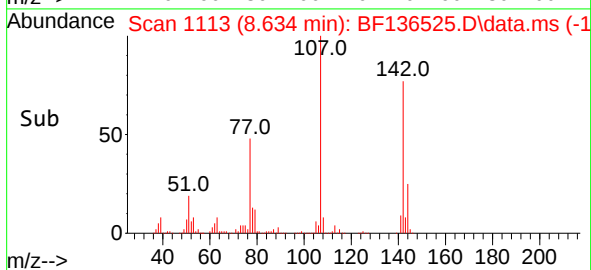
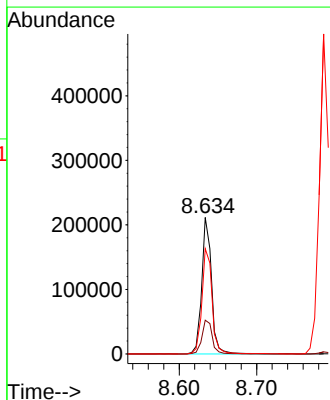
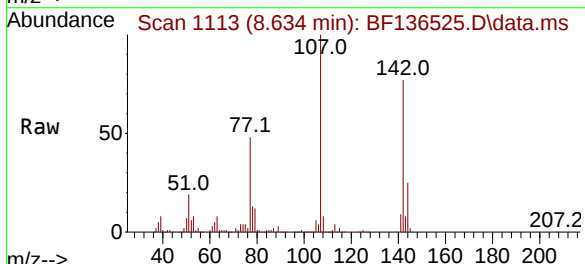
Manual Integrations
APPROVED

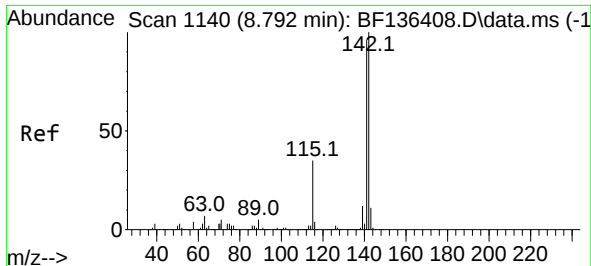
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 37.052 ng
RT: 8.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:107 Resp: 185886
Ion Ratio Lower Upper
107 100
144 24.7 20.1 30.1
142 77.1 63.1 94.7





#37
2-Methylnaphthalene
Concen: 36.951 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

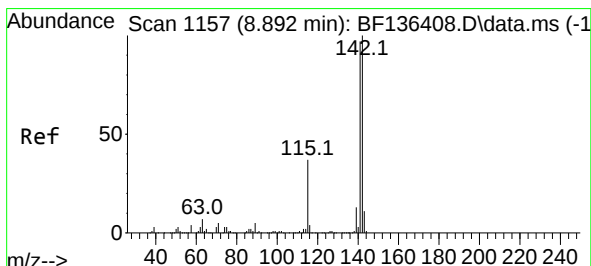
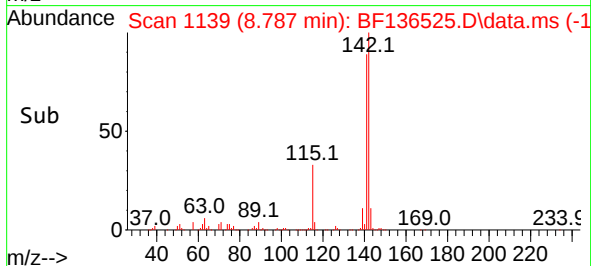
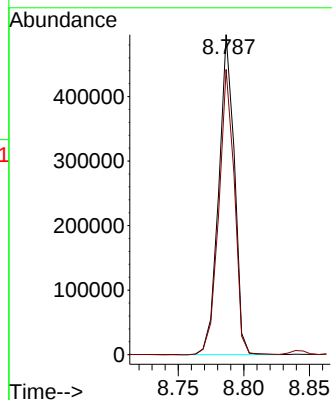
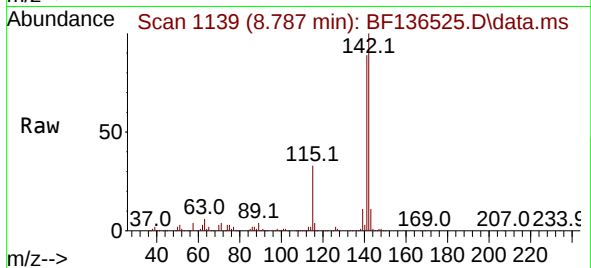
WC-2MS

Tgt Ion:142 Resp: 41139
Ion Ratio Lower Upper
142 100
141 89.1 76.4 114.6

Manual Integrations

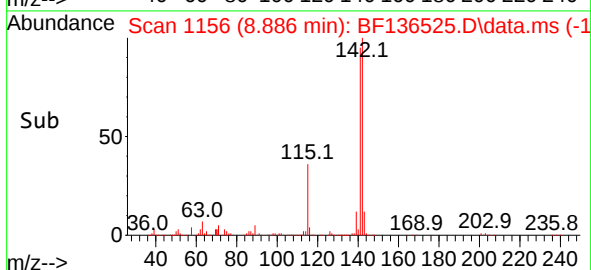
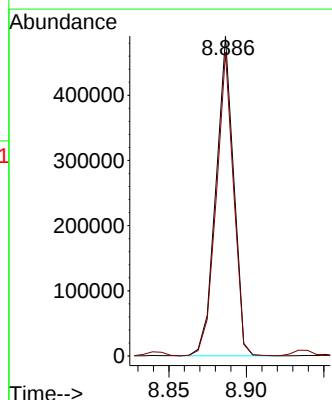
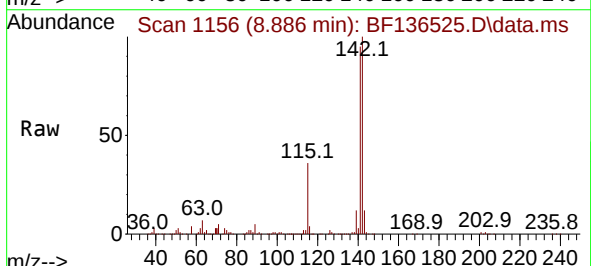
APPROVED

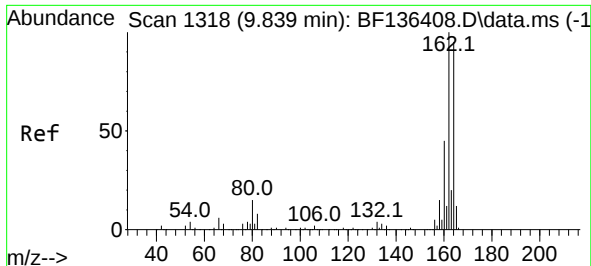
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#38
1-Methylnaphthalene
Concen: 35.770 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

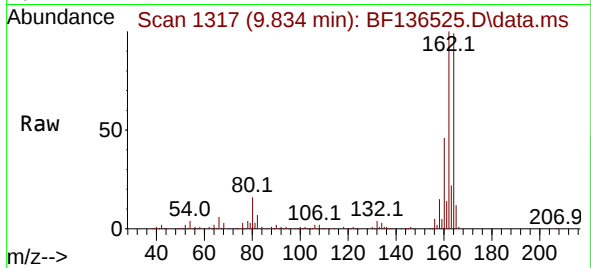
Tgt Ion:142 Resp: 390786
Ion Ratio Lower Upper
142 100
141 94.9 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

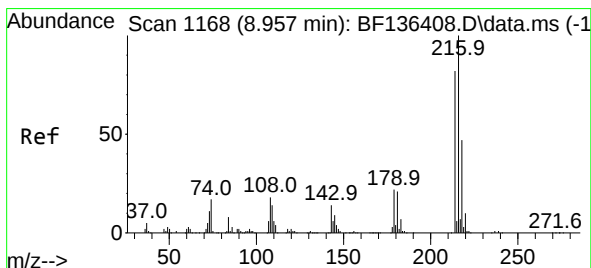
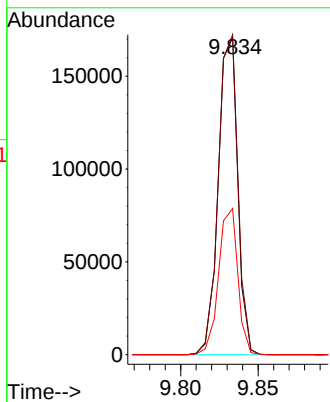
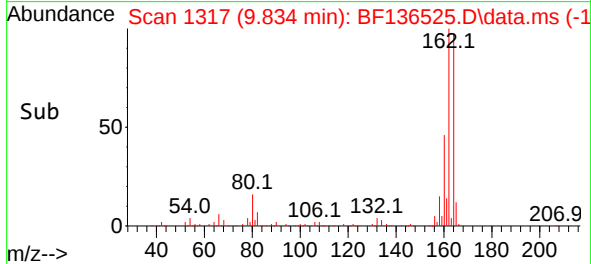
Instrument :
BNA_F
ClientSampleId :
WC-2MS



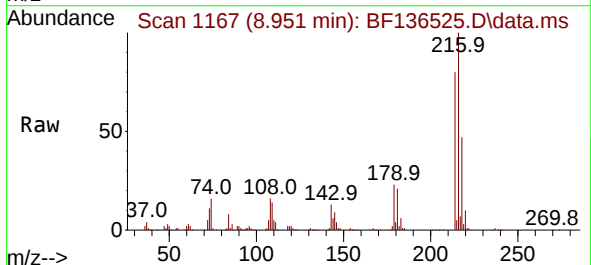
Tgt Ion:164 Resp: 149084
Ion Ratio Lower Upper
164 100
162 101.0 84.4 126.6
160 46.2 37.6 56.4

Manual Integrations
APPROVED

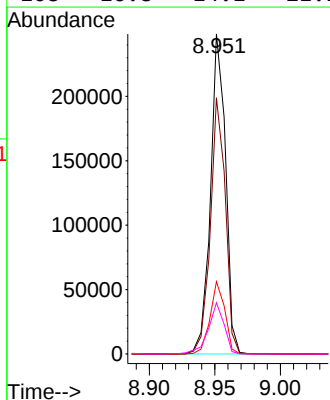
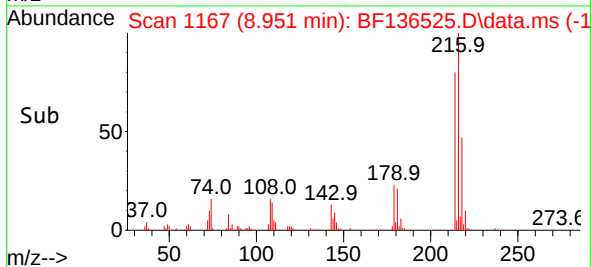
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

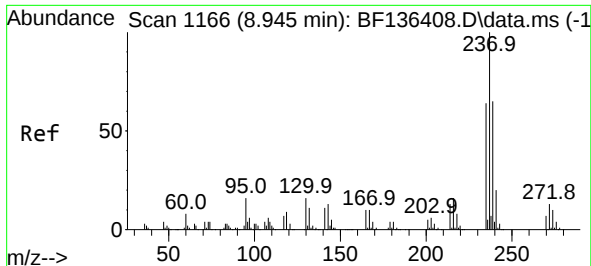


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.846 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59



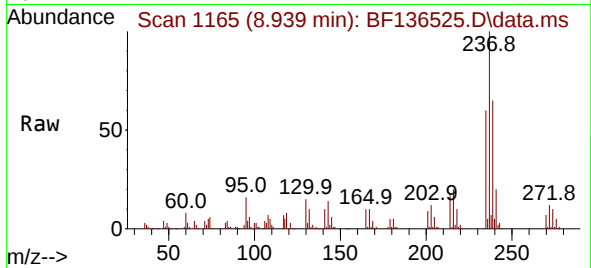
Tgt Ion:216 Resp: 198728
Ion Ratio Lower Upper
216 100
214 79.4 64.1 96.1
179 22.2 17.0 25.6
108 16.8 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 39.109 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

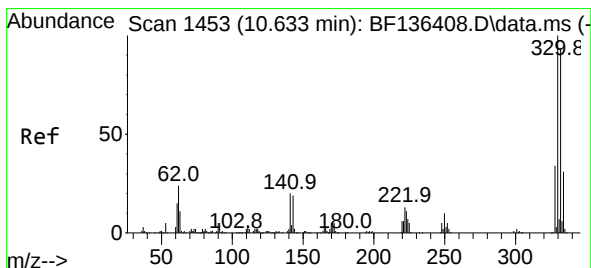
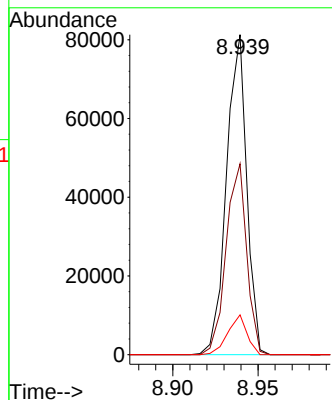
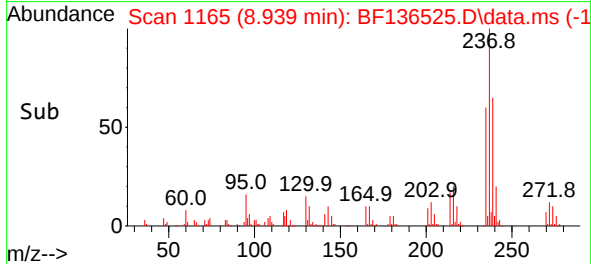
Instrument :
BNA_F
ClientSampleId :
WC-2MS



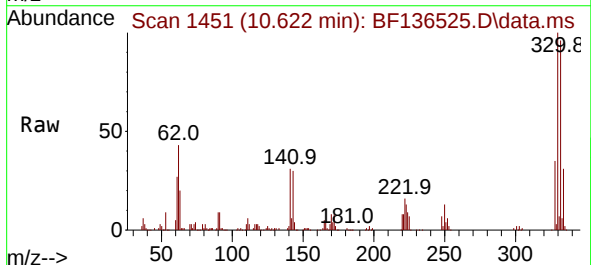
Tgt Ion:237 Resp: 6720
Ion Ratio Lower Upper
237 100
235 59.6 44.1 84.1
272 12.5 0.0 33.3

Manual Integrations
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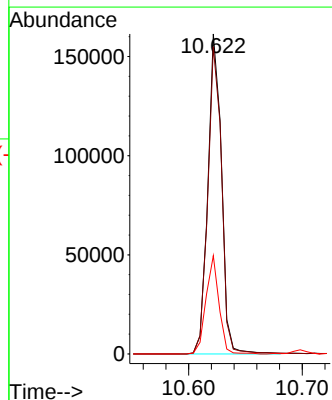
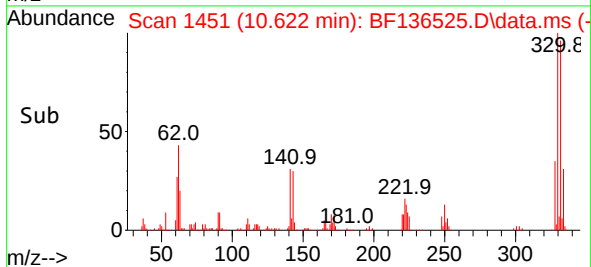
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

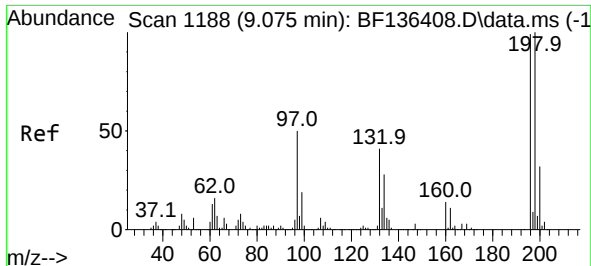


#42
2,4,6-Tribromophenol
Concen: 73.085 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59



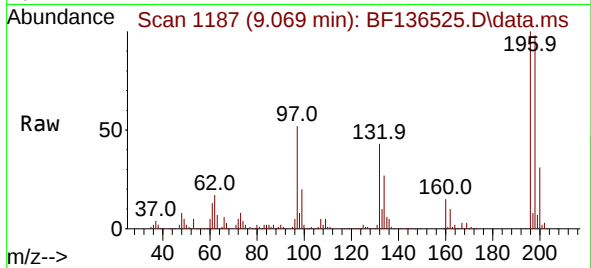
Tgt Ion:330 Resp: 134346
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 29.3 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 41.065 ng
RT: 9.069 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

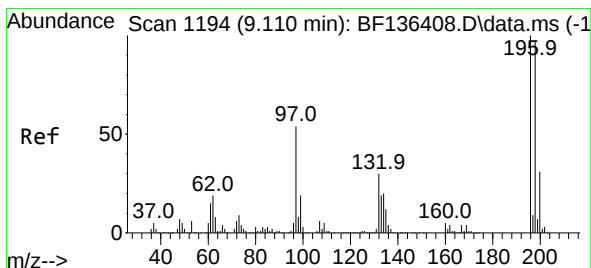
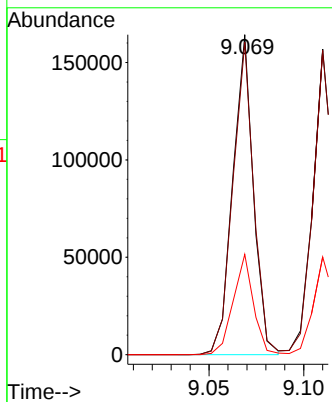
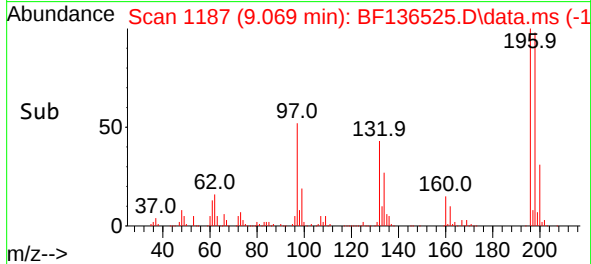
Instrument :
BNA_F
ClientSampleId :
WC-2MS



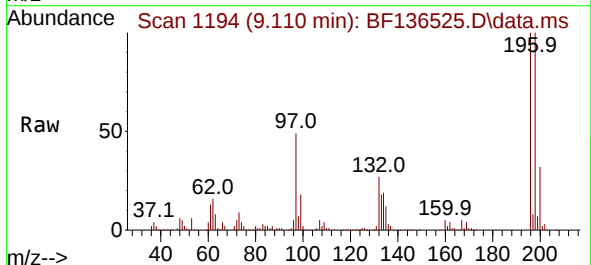
Tgt Ion:196 Resp: 124018
Ion Ratio Lower Upper
196 100
198 97.6 80.4 120.6
200 31.4 25.9 38.9

Manual Integrations
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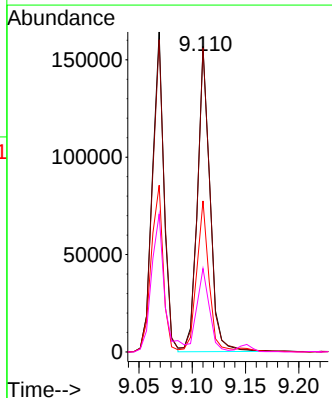
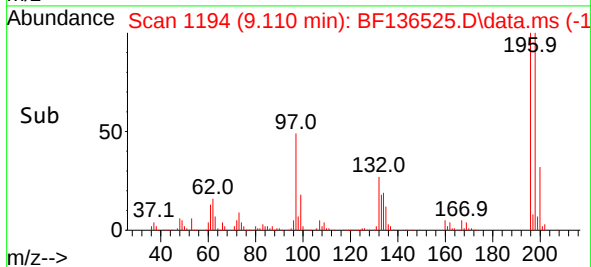
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

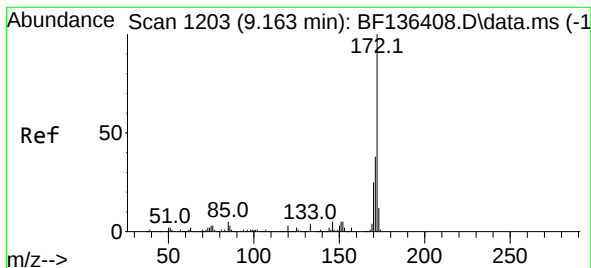


#44
2,4,5-Trichlorophenol
Concen: 38.233 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59



Tgt Ion:196 Resp: 128871
Ion Ratio Lower Upper
196 100
198 99.5 78.1 117.1
97 49.4 43.4 65.2
132 27.3 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 58.165 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

Tgt Ion:172 Resp: 635500

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

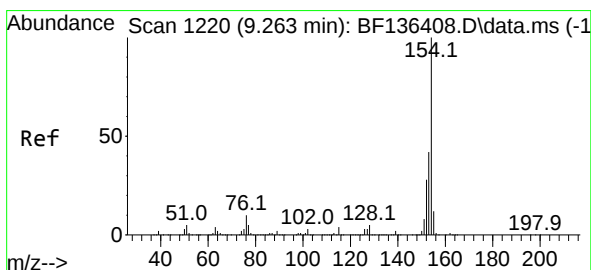
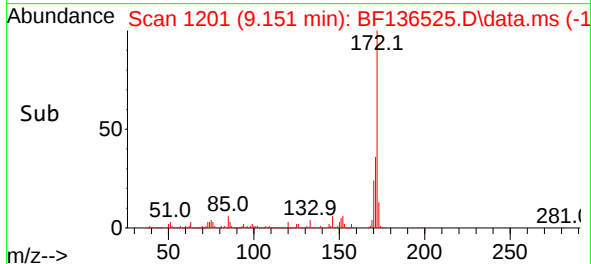
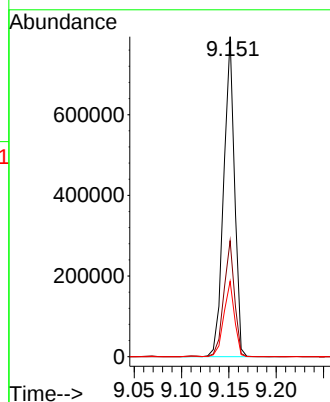
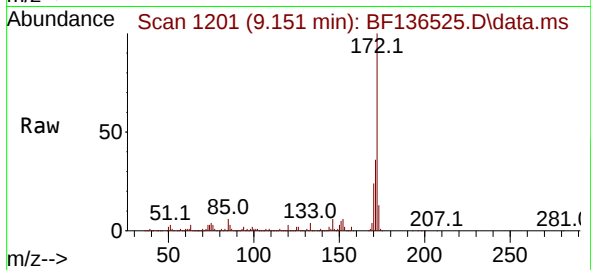
170 23.5 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#46

1,1'-Biphenyl

Concen: 41.484 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

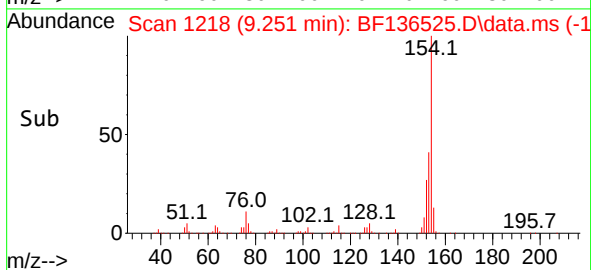
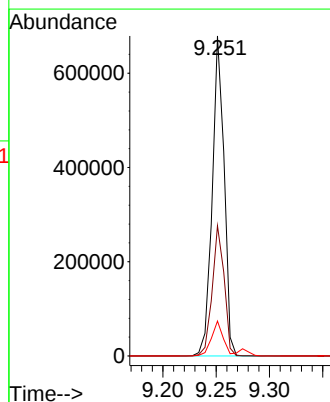
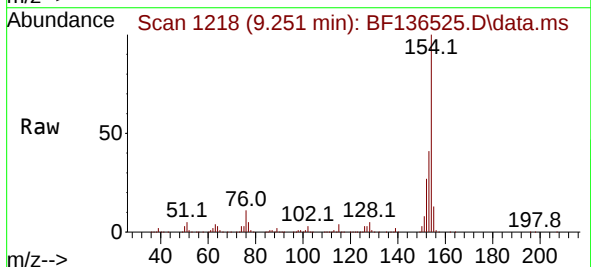
Tgt Ion:154 Resp: 526248

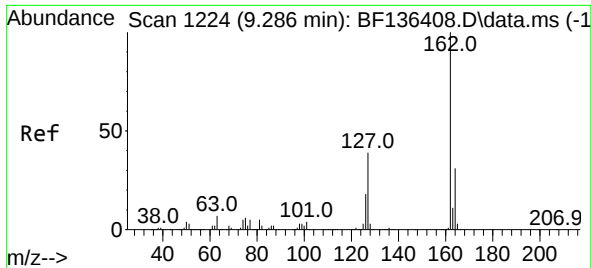
Ion Ratio Lower Upper

154 100

153 40.7 22.5 62.5

76 10.9 0.0 29.9





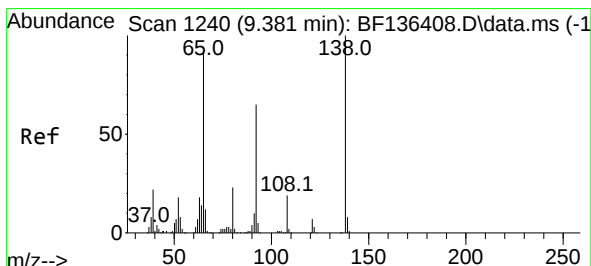
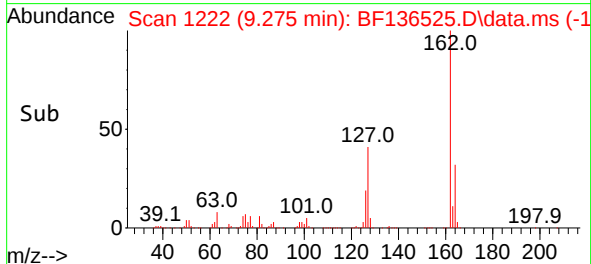
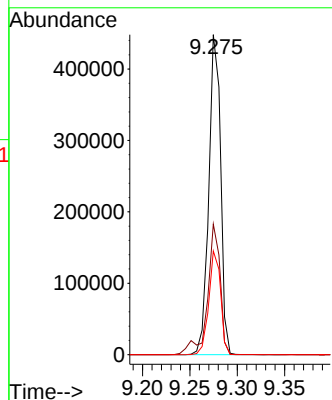
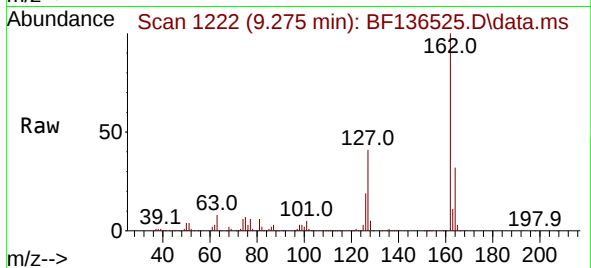
#47
2-Chloronaphthalene
Concen: 39.203 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:162 Resp: 38706
Ion Ratio Lower Upper
162 100
127 40.8 31.1 46.7
164 32.4 24.6 37.0

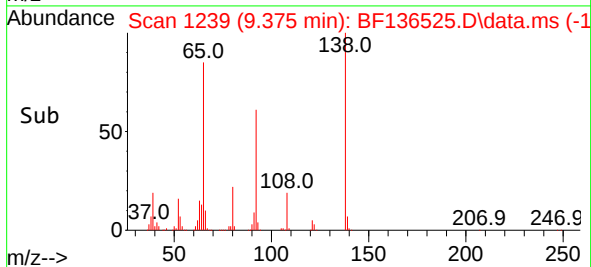
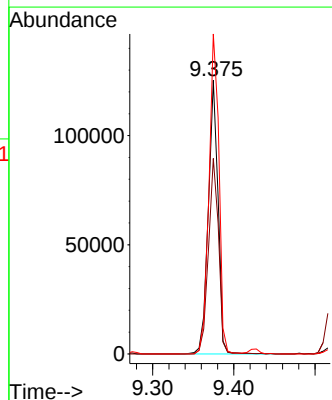
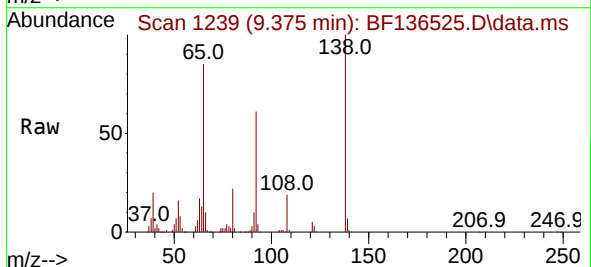
Manual Integrations
APPROVED

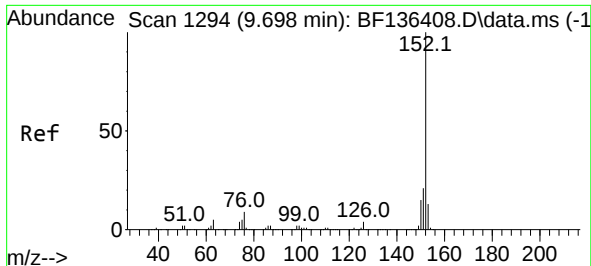
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#48
2-Nitroaniline
Concen: 39.404 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion: 65 Resp: 104344
Ion Ratio Lower Upper
65 100
92 71.5 56.1 84.1
138 117.0 86.7 130.1





#49

Acenaphthylene

Concen: 42.621 ng

RT: 9.692 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

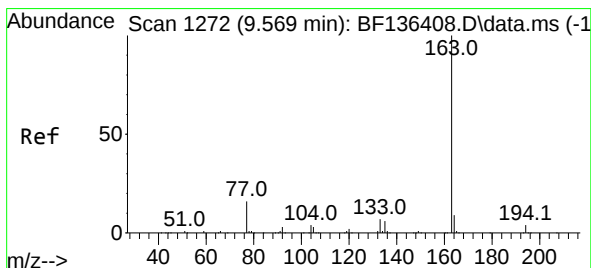
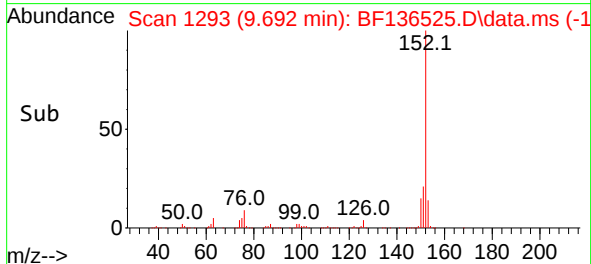
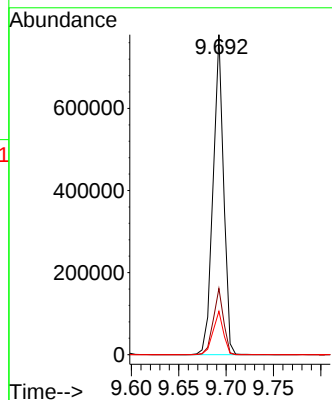
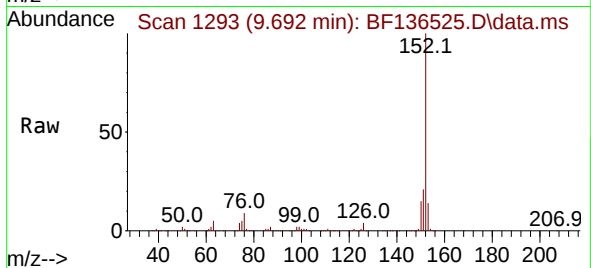
Tgt Ion:	152	Resp:	599460
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.2	25.8
153	13.6	10.6	15.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#50

Dimethylphthalate

Concen: 39.920 ng

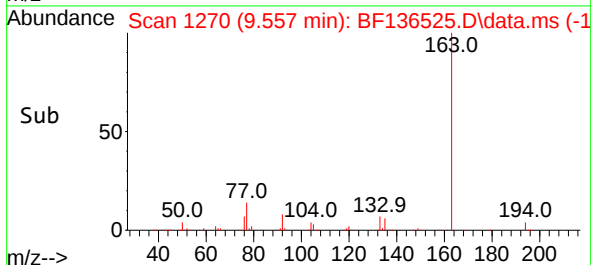
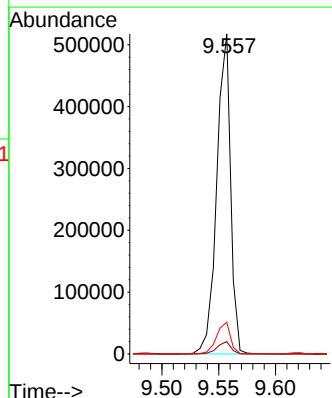
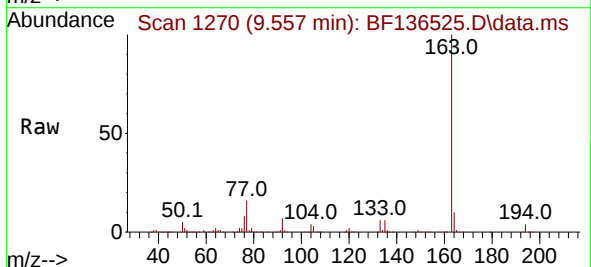
RT: 9.557 min Scan# 1270

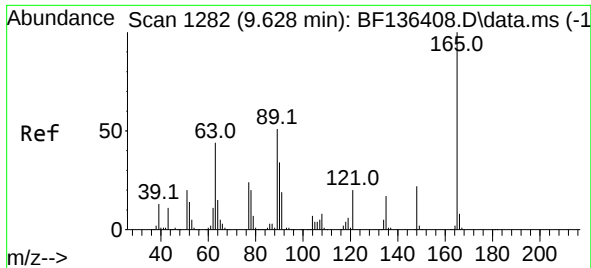
Delta R.T. -0.012 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Tgt Ion:	163	Resp:	438161
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	9.9	7.4	11.2





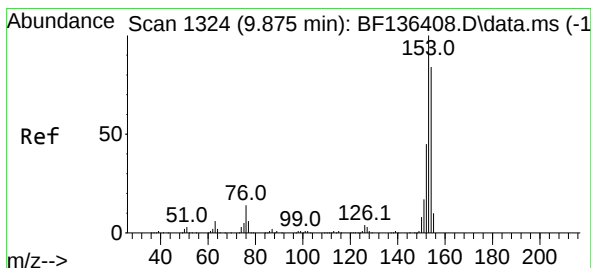
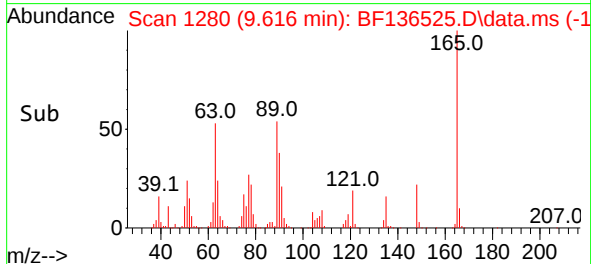
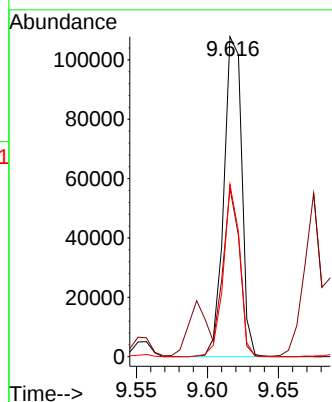
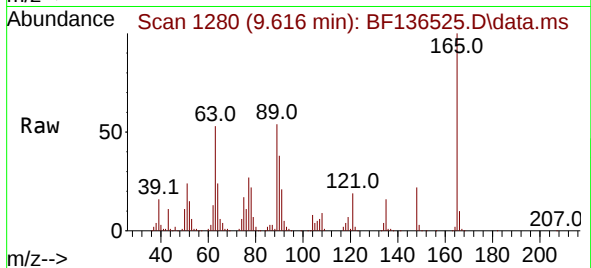
#51
2,6-Dinitrotoluene
Concen: 38.189 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:165 Resp: 9430
Ion Ratio Lower Upper
165 100
63 52.7 40.4 60.6
89 53.8 40.6 60.8

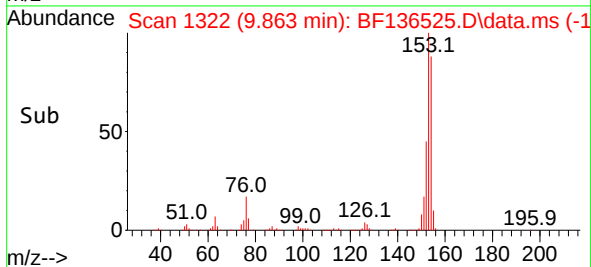
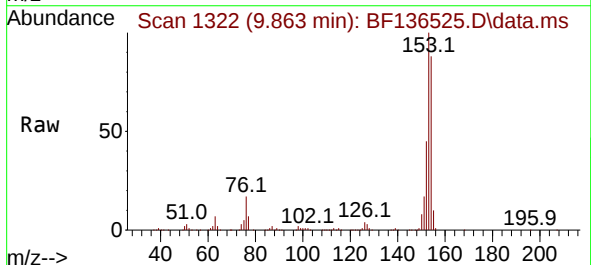
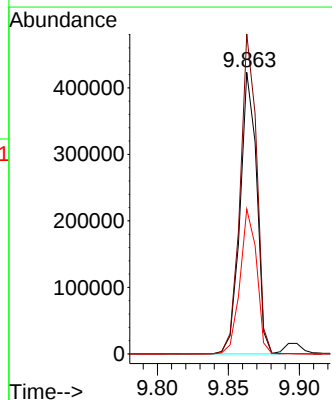
Manual Integrations
APPROVED

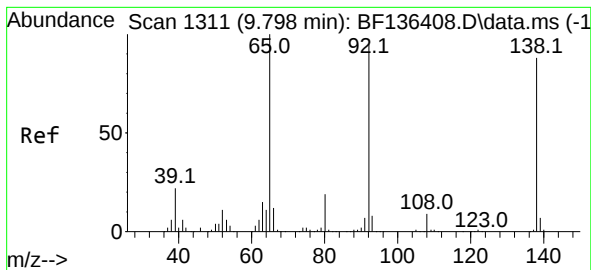
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#52
Acenaphthene
Concen: 38.277 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:154 Resp: 344987
Ion Ratio Lower Upper
154 100
153 113.6 95.3 142.9
152 51.5 43.2 64.8





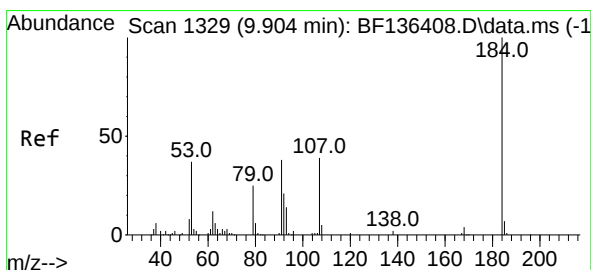
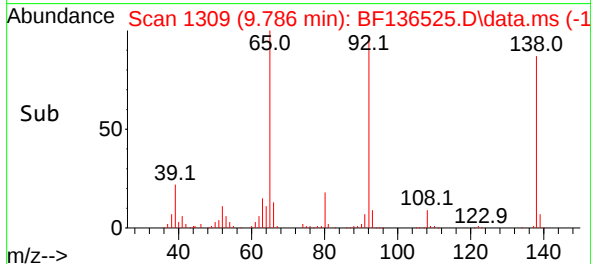
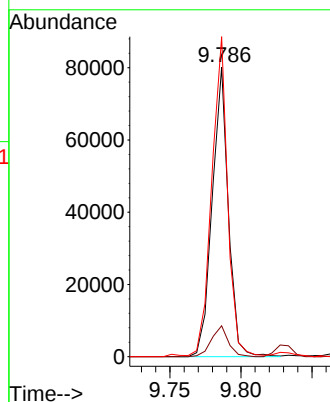
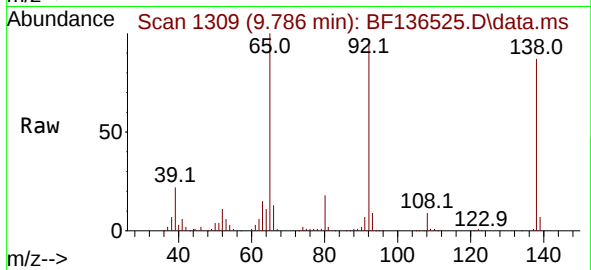
#53
3-Nitroaniline
Concen: 25.093 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:138 Resp: 63275
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 110.5 86.1 129.1

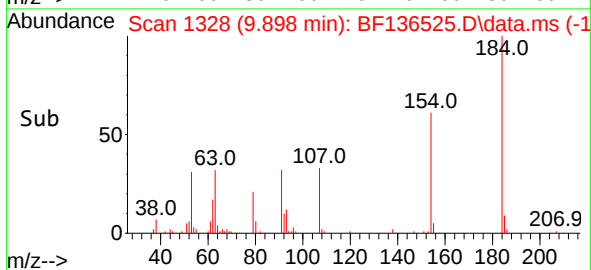
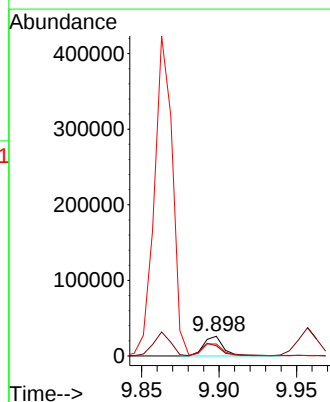
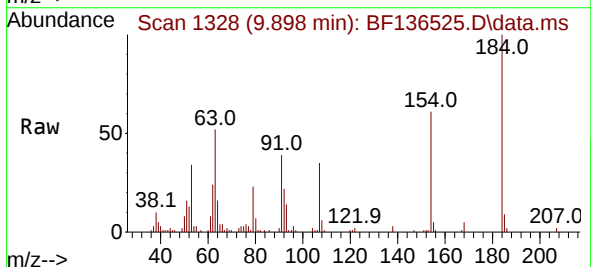
Manual Integrations
APPROVED

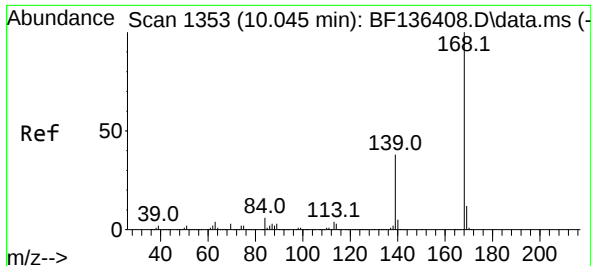
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 18.733 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

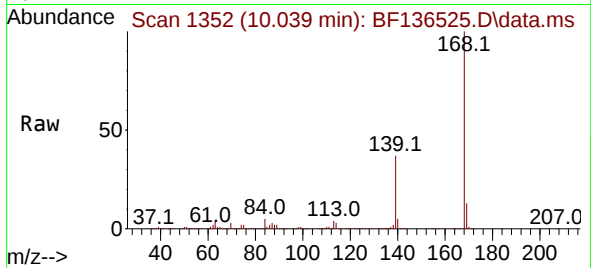
Tgt Ion:184 Resp: 23388
Ion Ratio Lower Upper
184 100
63 52.0 39.1 58.7
154 61.2 49.9 74.9





#55
Dibenzenofuran
Concen: 38.966 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

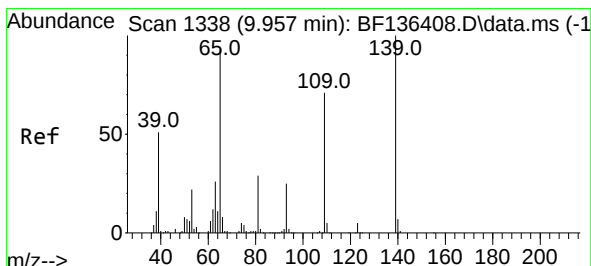
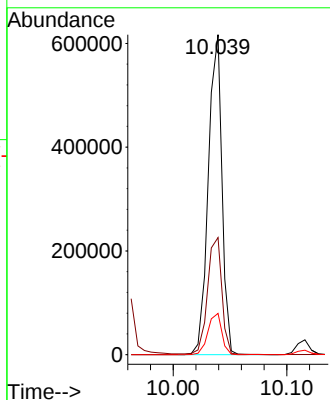
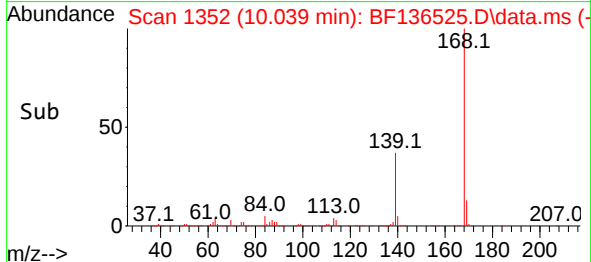
Instrument :
BNA_F
ClientSampleId :
WC-2MS



Tgt Ion:168 Resp: 51305
Ion Ratio Lower Upper
168 100
139 36.6 30.4 45.6
169 12.9 9.9 14.9

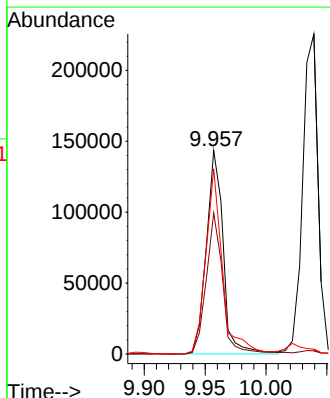
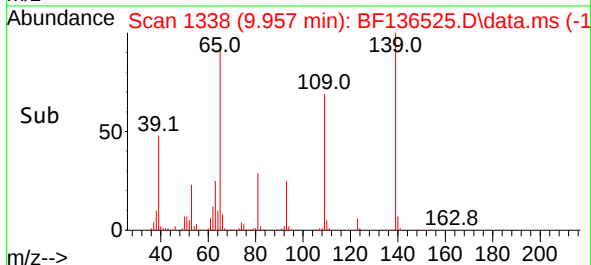
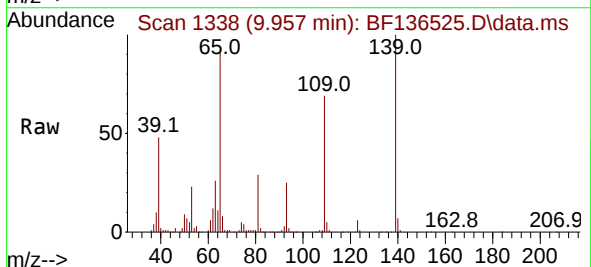
Manual Integrations
APPROVED

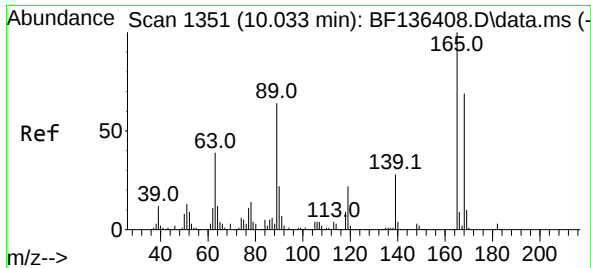
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#56
4-Nitrophenol
Concen: 73.106 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:139 Resp: 138193
Ion Ratio Lower Upper
139 100
109 69.3 50.6 90.6
65 91.0 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 35.736 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

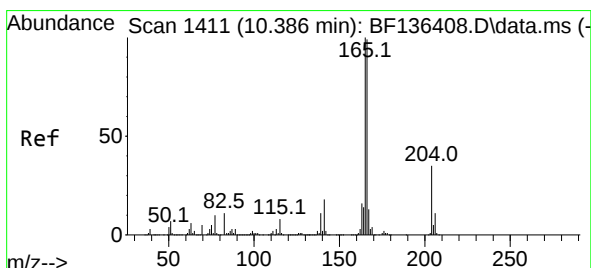
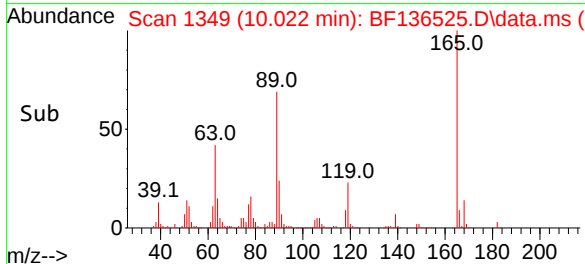
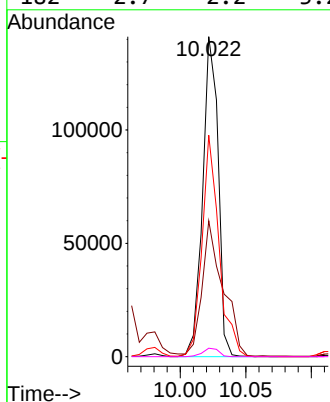
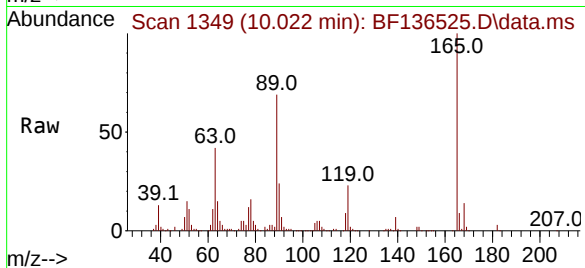
WC-2MS

Tgt Ion:165 Resp: 116734
Ion Ratio Lower Upper
165 100
63 42.5 31.4 47.2
89 69.2 51.7 77.5
182 2.7 2.2 3.2

Manual Integrations

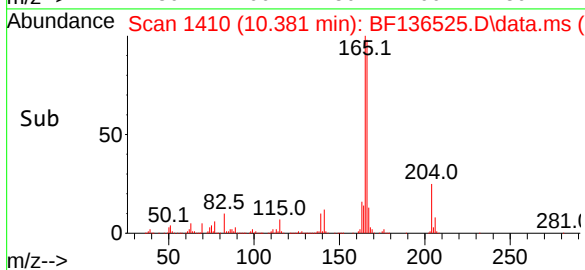
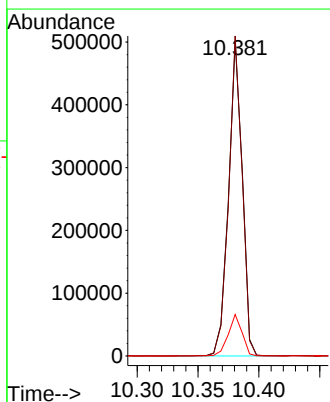
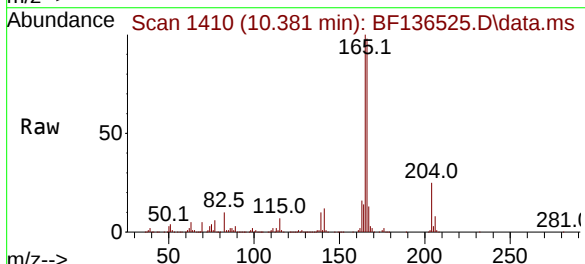
APPROVED

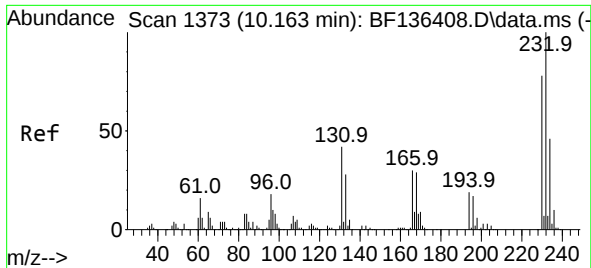
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#58
Fluorene
Concen: 37.368 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

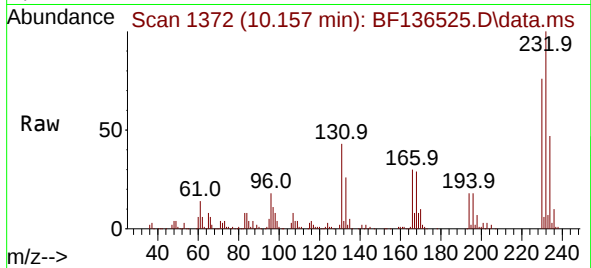
Tgt Ion:166 Resp: 394956
Ion Ratio Lower Upper
166 100
165 101.6 80.5 120.7
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.306 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

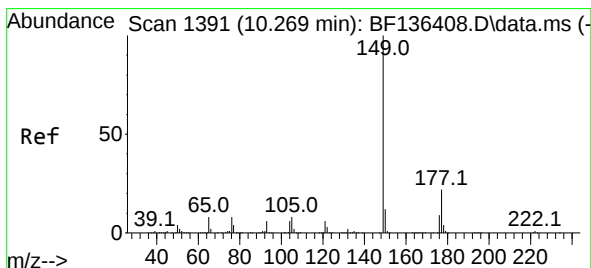
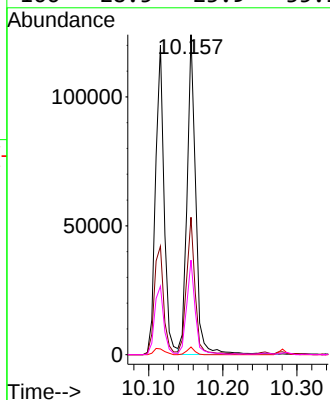
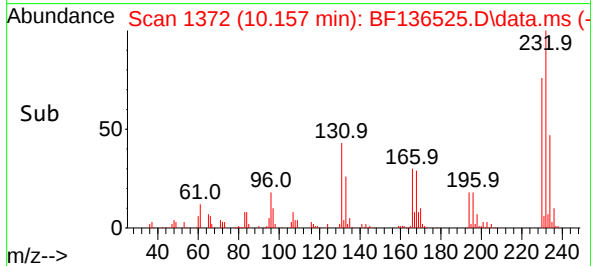
Instrument :
BNA_F
ClientSampleId :
WC-2MS



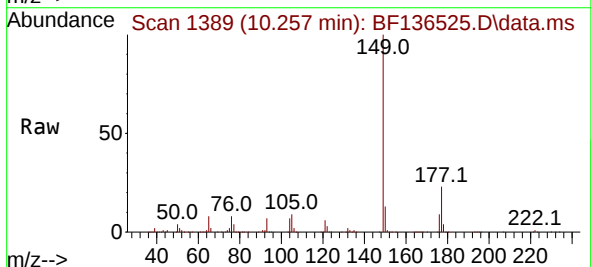
Tgt Ion:232 Resp: 100720
Ion Ratio Lower Upper
232 100
131 42.7 34.3 51.5
130 2.1 1.6 2.4
166 28.5 23.9 35.9

Manual Integrations
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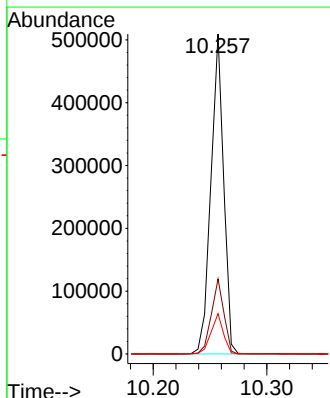
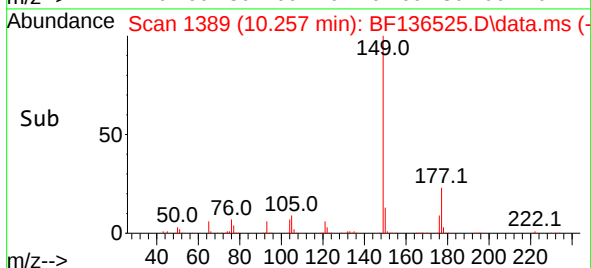
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

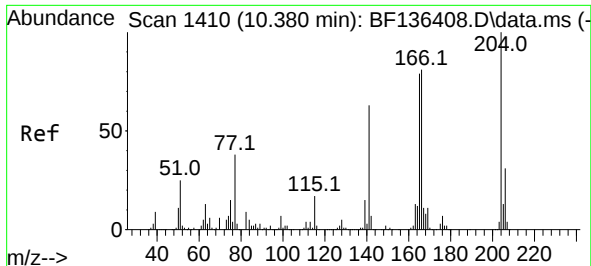


#60
Diethylphthalate
Concen: 36.742 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59



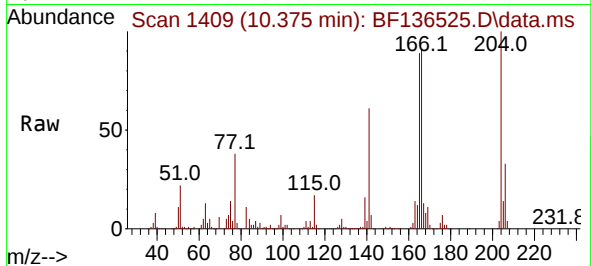
Tgt Ion:149 Resp: 396566
Ion Ratio Lower Upper
149 100
177 23.4 17.8 26.8
150 12.6 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 37.372 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

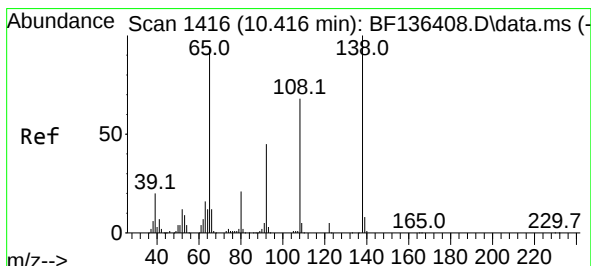
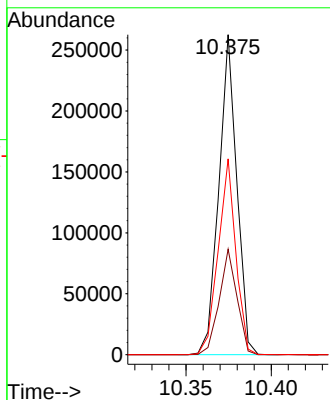
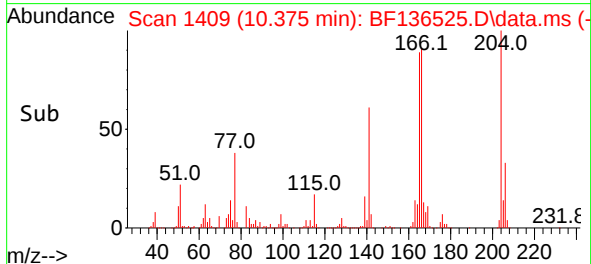
Instrument :
BNA_F
ClientSampleId :
WC-2MS



Tgt Ion:204 Resp: 192560
Ion Ratio Lower Upper
204 100
206 32.9 24.6 36.8
141 61.2 50.3 75.5

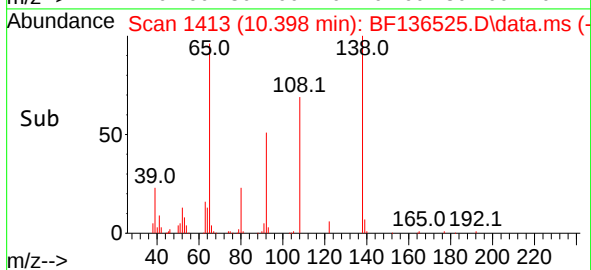
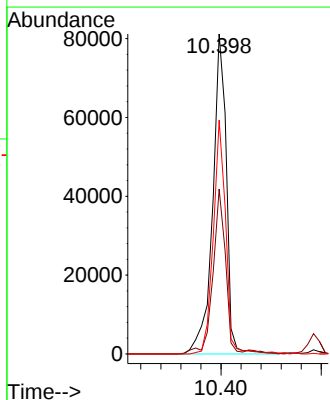
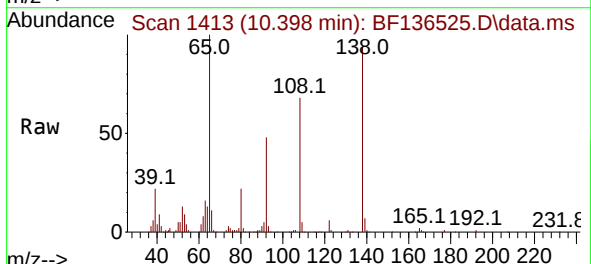
Manual Integrations
APPROVED

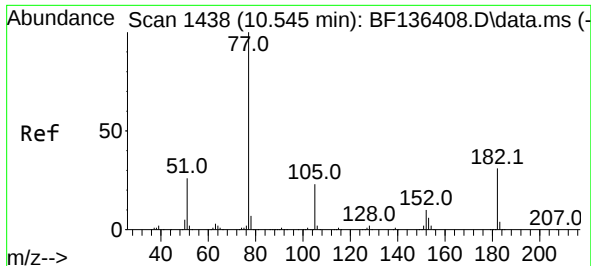
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#62
4-Nitroaniline
Concen: 30.685 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

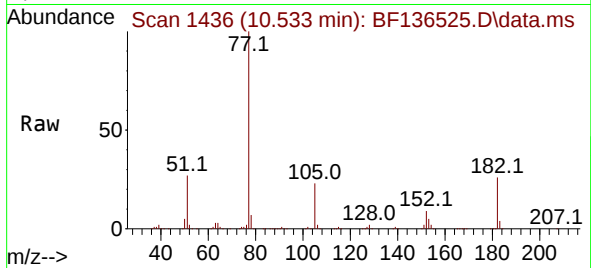
Tgt Ion:138 Resp: 76829
Ion Ratio Lower Upper
138 100
92 51.6 25.0 65.0
108 73.0 47.9 87.9





#63
Azobenzene
Concen: 34.827 ng
RT: 10.533 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

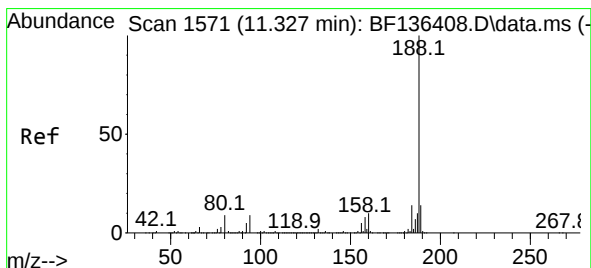
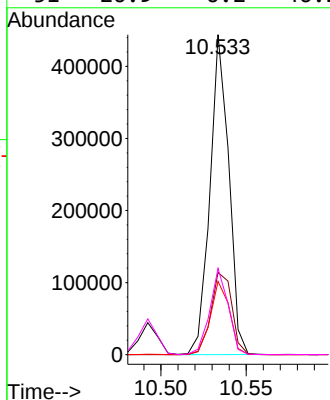
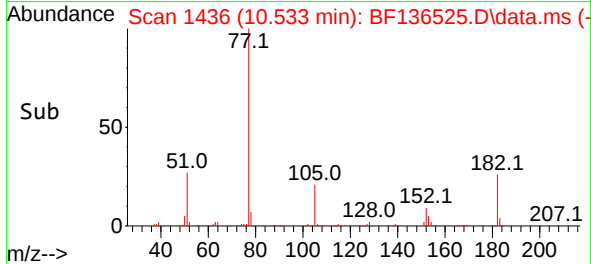
Instrument :
BNA_F
ClientSampleId :
WC-2MS



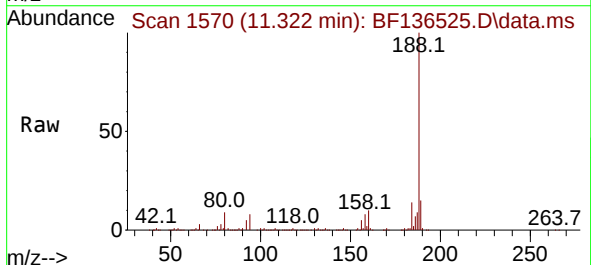
Tgt Ion: 77 Resp: 342139
Ion Ratio Lower Upper
77 100
182 25.7 10.8 50.8
105 22.9 2.6 42.6
51 26.9 6.2 46.2

Manual Integrations
APPROVED

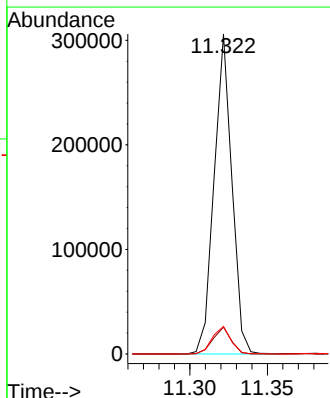
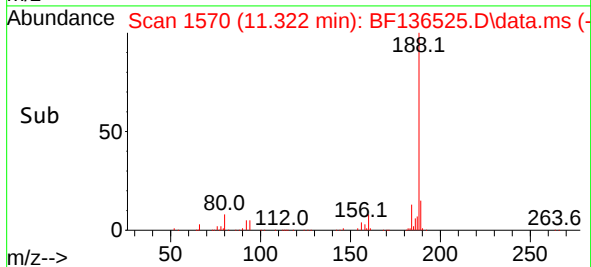
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

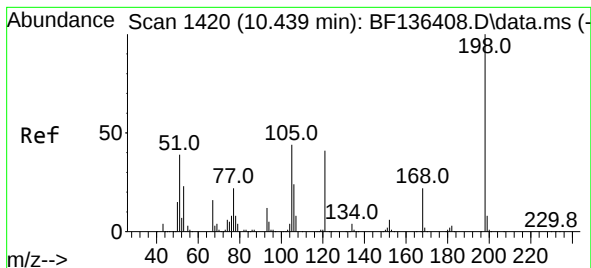


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59



Tgt Ion:188 Resp: 244258
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.6 7.2 10.8





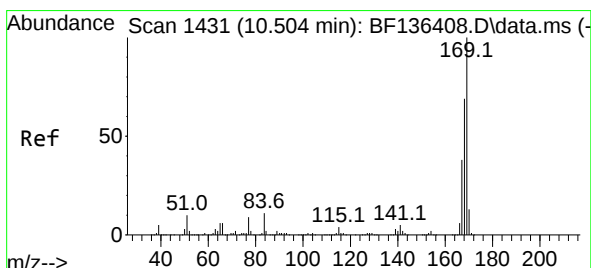
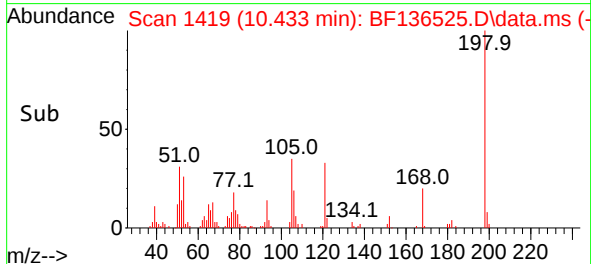
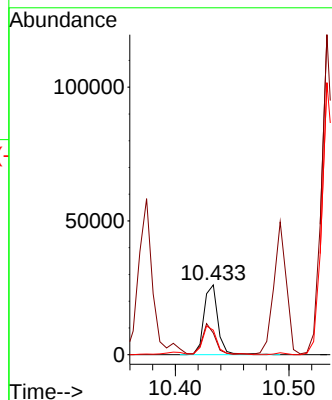
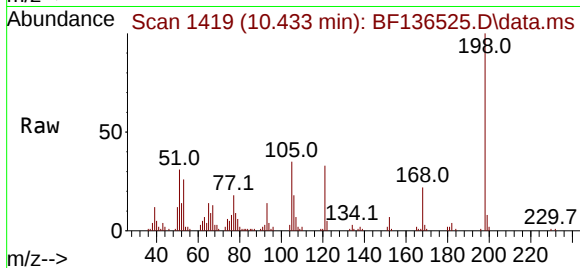
#65
4,6-Dinitro-2-methylphenol
Concen: 14.621 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:198 Resp: 22118
Ion Ratio Lower Upper
198 100
51 31.0 24.1 64.1
105 35.2 24.8 64.8

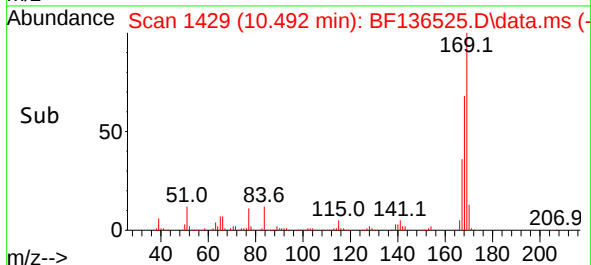
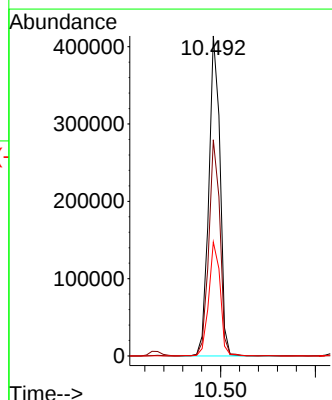
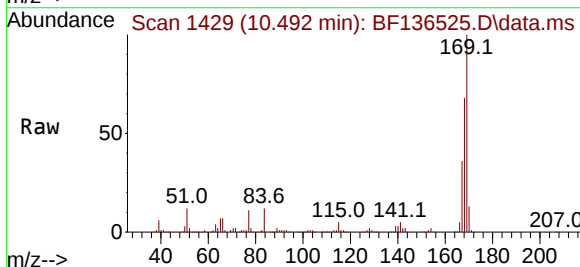
Manual Integrations
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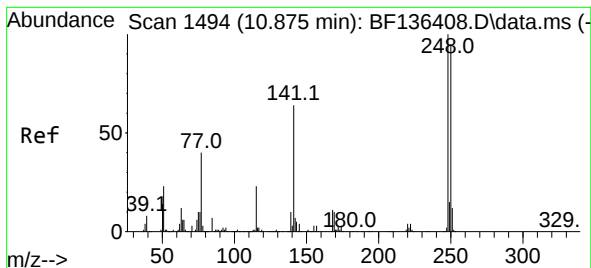
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#66
n-Nitrosodiphenylamine
Concen: 43.236 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:169 Resp: 338869
Ion Ratio Lower Upper
169 100
168 67.5 55.3 82.9
167 35.6 30.1 45.1





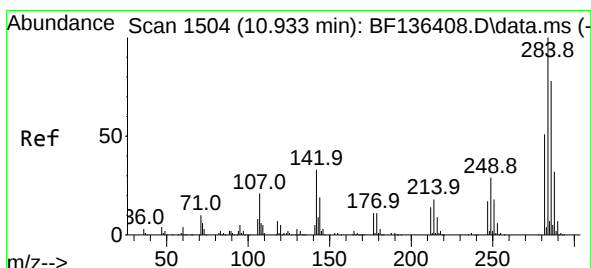
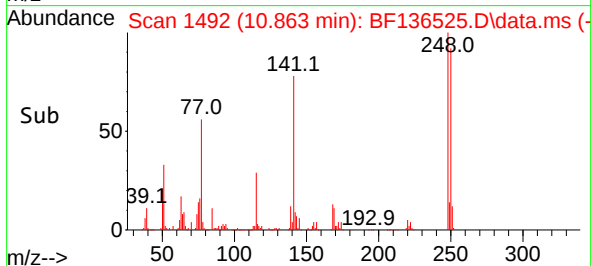
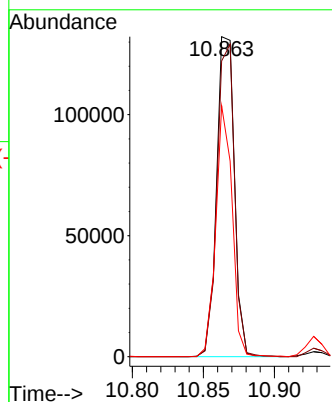
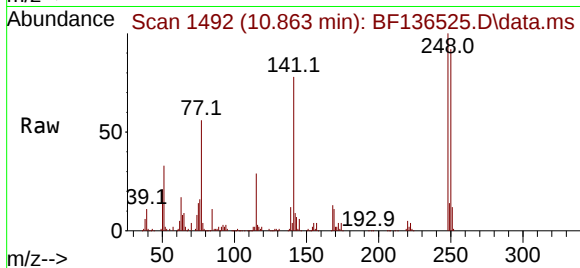
#67
4-Bromophenyl-phenylether
Concen: 40.554 ng
RT: 10.863 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:248 Resp: 115170
Ion Ratio Lower Upper
248 100
250 92.4 76.2 114.2
141 78.4 51.0 76.4

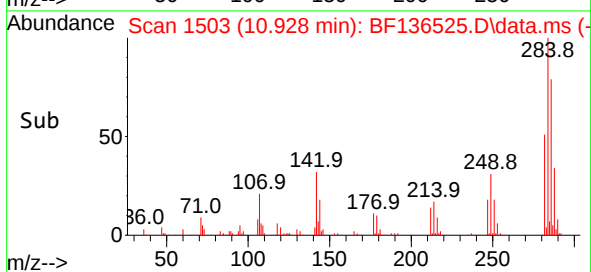
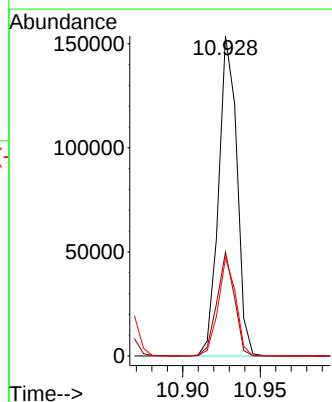
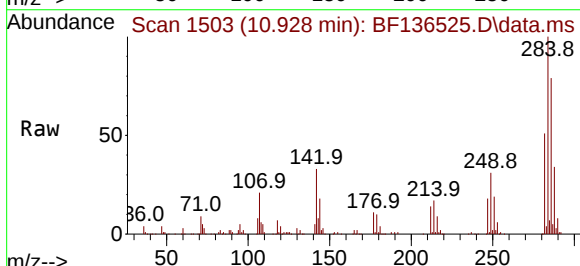
Manual Integrations
APPROVED

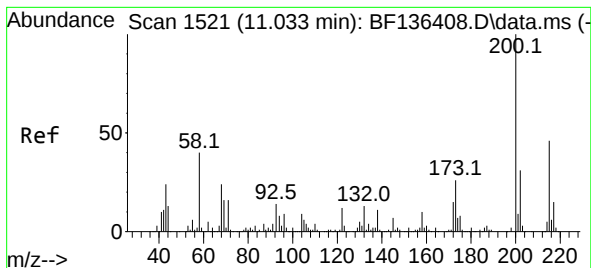
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#68
Hexachlorobenzene
Concen: 38.519 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:284 Resp: 126429
Ion Ratio Lower Upper
284 100
142 32.5 26.5 39.7
249 30.7 23.4 35.0





#69

Atrazine

Concen: 50.285 ng

RT: 11.028 min Scan# 11248

Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

Tgt Ion:200 Resp: 11248

Ion Ratio Lower Upper

200 100

173 24.6 6.0 46.0

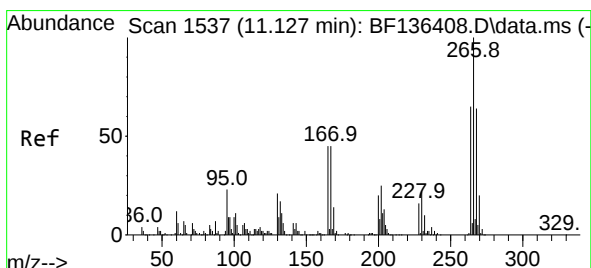
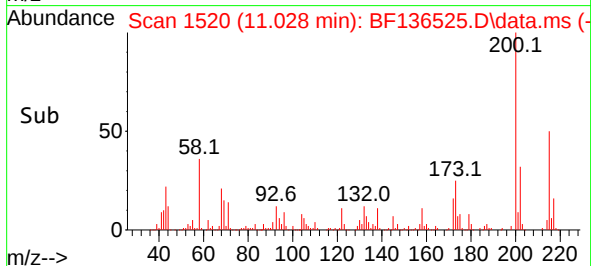
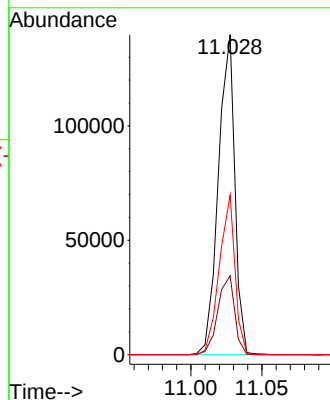
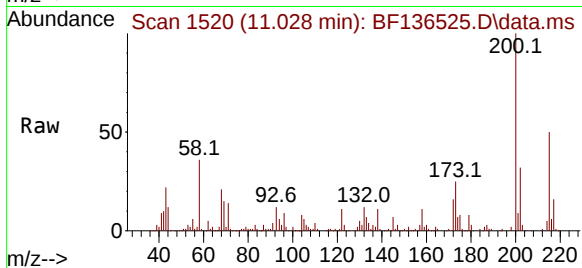
215 49.9 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#70

Pentachlorophenol

Concen: 69.608 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

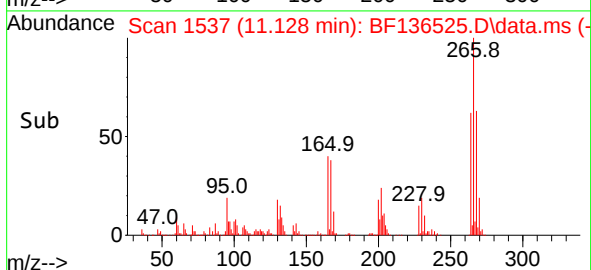
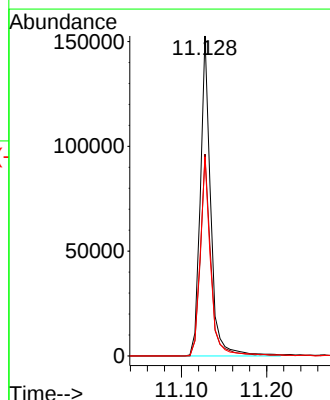
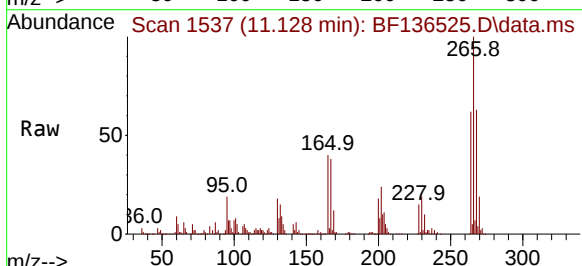
Tgt Ion:266 Resp: 128945

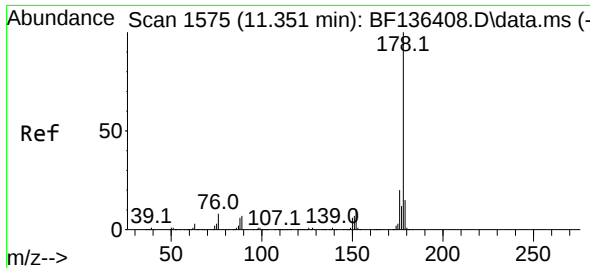
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.6

264 62.3 52.2 78.4





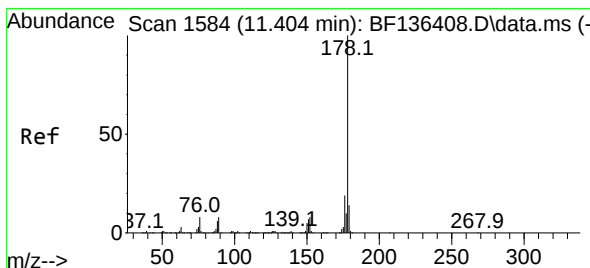
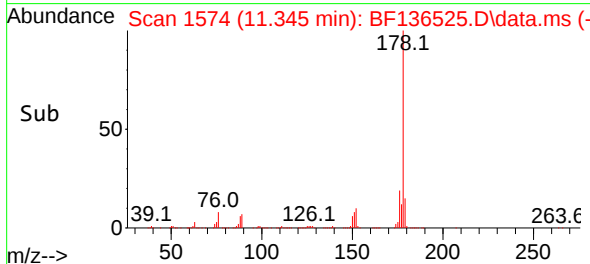
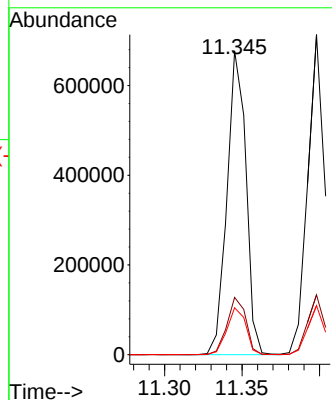
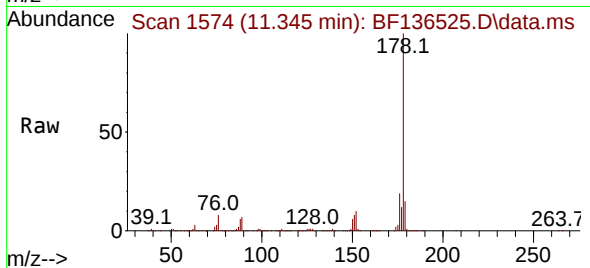
#71
Phenanthrene
Concen: 42.916 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:178 Resp: 57616
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.4 11.8 17.6

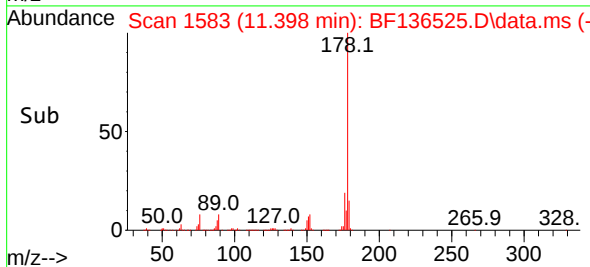
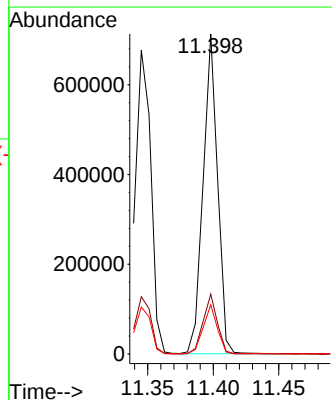
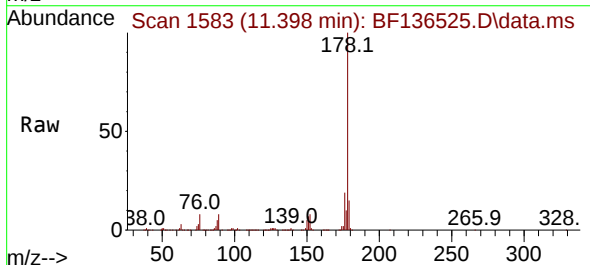
Manual Integrations
APPROVED

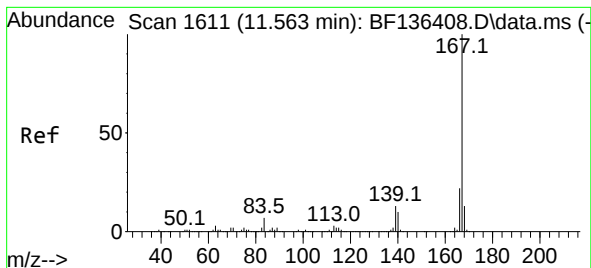
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#72
Anthracene
Concen: 40.630 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:178 Resp: 549418
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.4 11.4 17.0





#73

Carbazole

Concen: 39.175 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

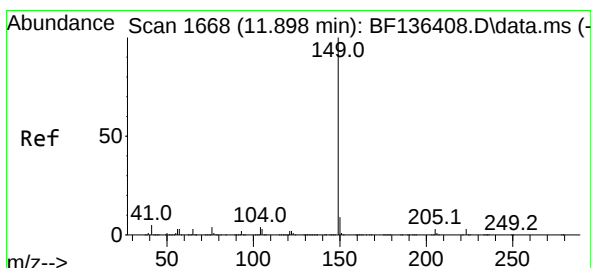
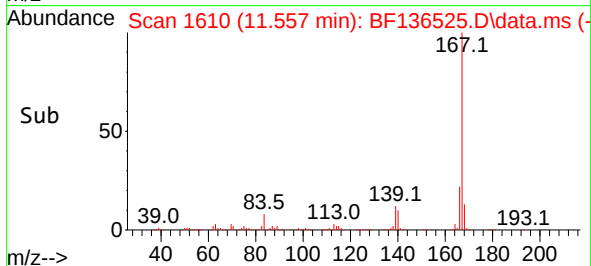
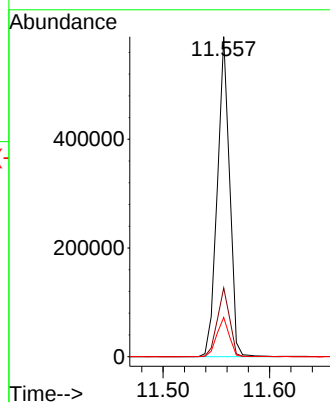
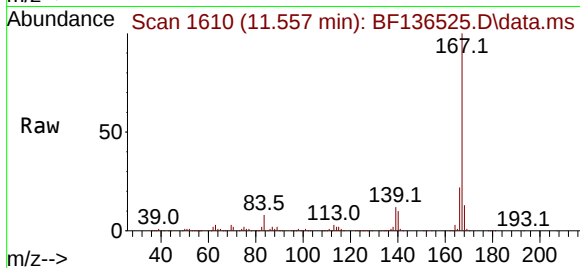
WC-2MS

Tgt Ion:167	Resp: 46886
Ion Ratio	Lower Upper
167 100	
166 21.5	18.0 27.0
139 12.3	10.2 15.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#74

Di-n-butylphthalate

Concen: 38.365 ng

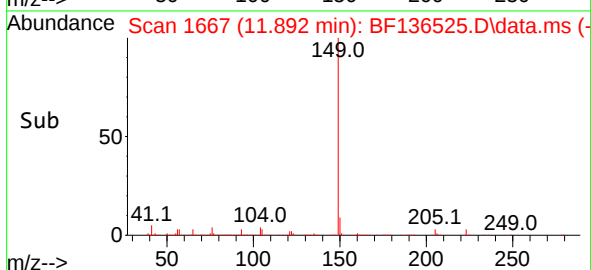
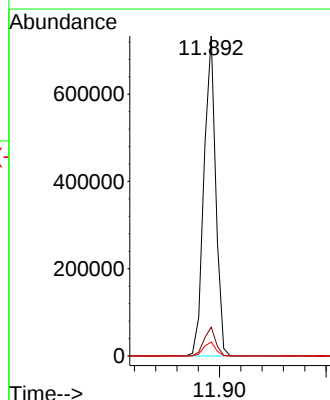
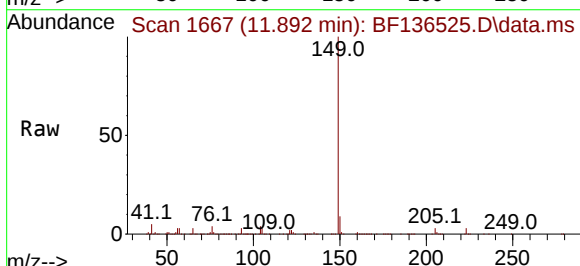
RT: 11.892 min Scan# 1667

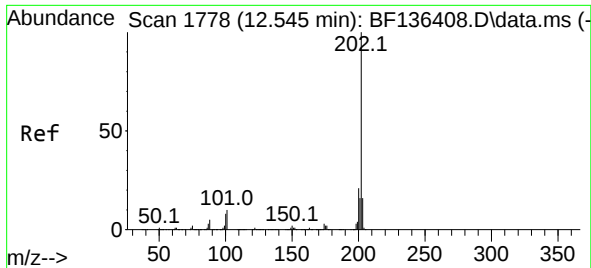
Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Tgt Ion:149	Resp: 562894
Ion Ratio	Lower Upper
149 100	
150 9.0	6.9 10.3
104 4.3	3.5 5.3





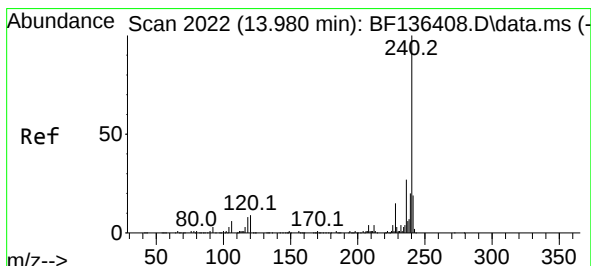
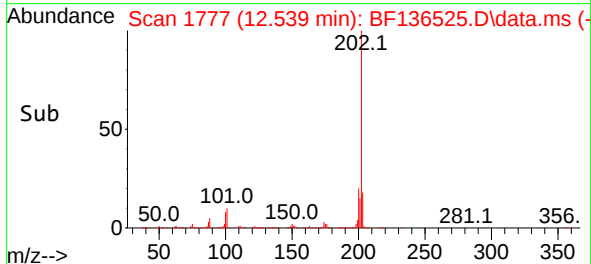
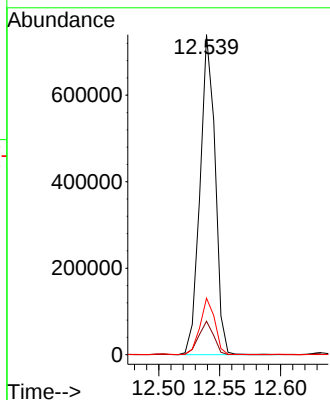
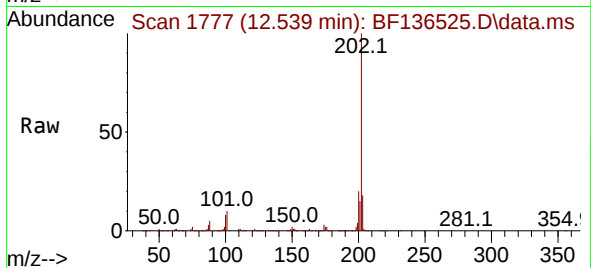
#75
Fluoranthene
Concen: 45.525 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:202 Resp: 64050
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.9
203 17.6 0.0 36.3

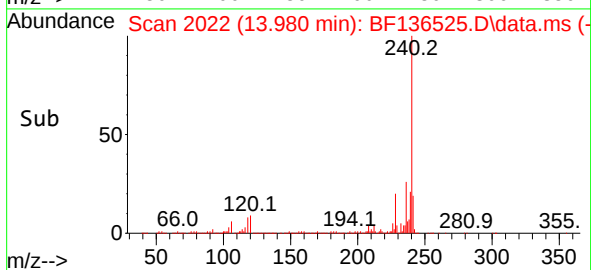
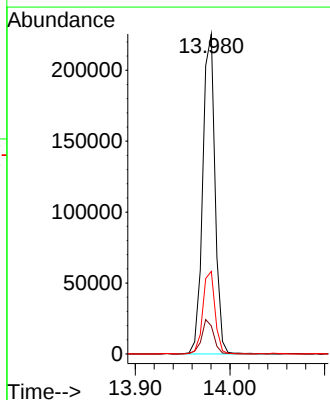
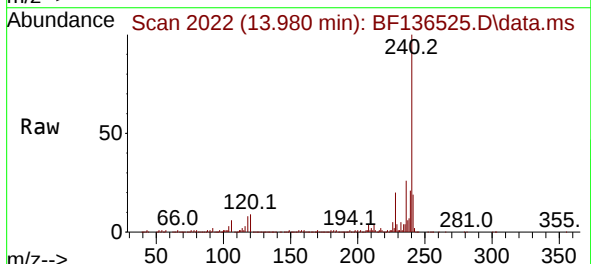
Manual Integrations
APPROVED

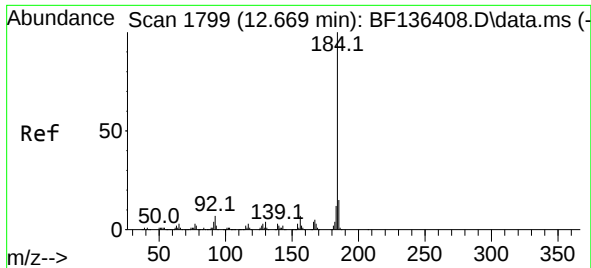
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

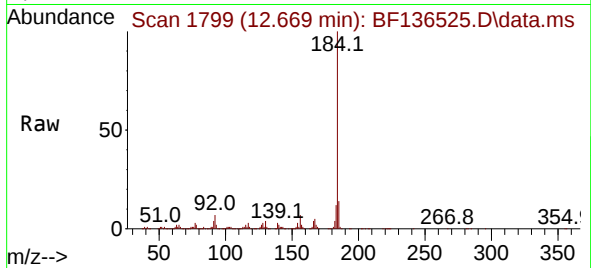
Tgt Ion:240 Resp: 204123
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.8 21.3 31.9





#77
Benzidine
Concen: 52.577 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

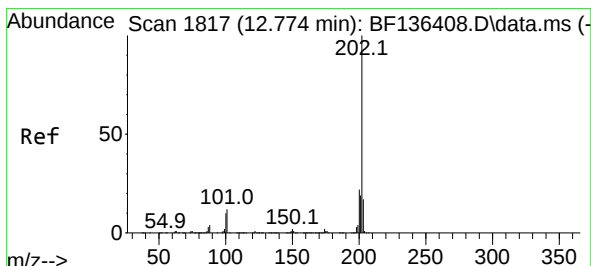
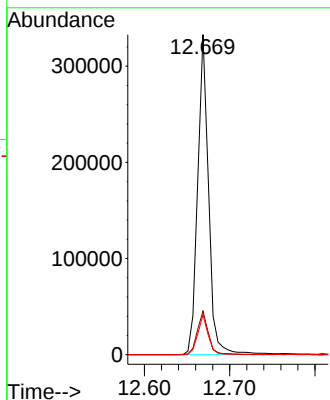
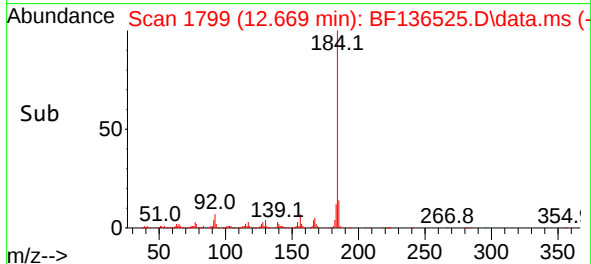
Instrument :
BNA_F
ClientSampleId :
WC-2MS



Tgt Ion:184 Resp: 29738
Ion Ratio Lower Upper
184 100
185 13.6 12.0 18.0
183 12.5 9.4 14.0

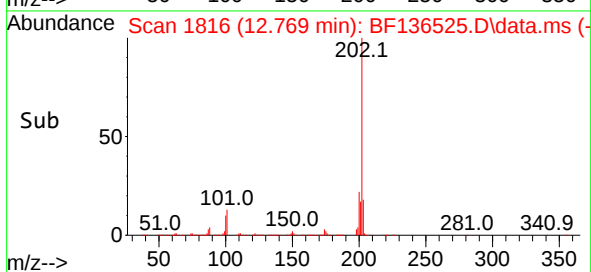
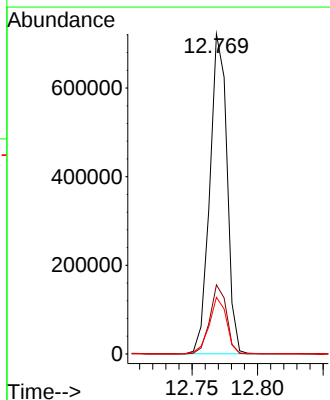
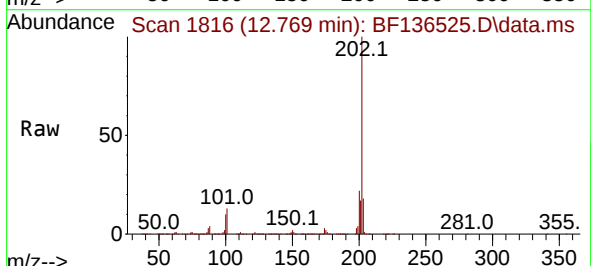
Manual Integrations
APPROVED

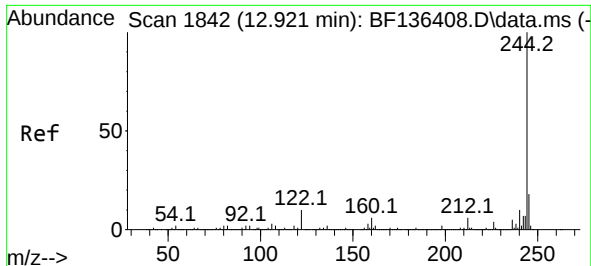
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#78
Pyrene
Concen: 32.910 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

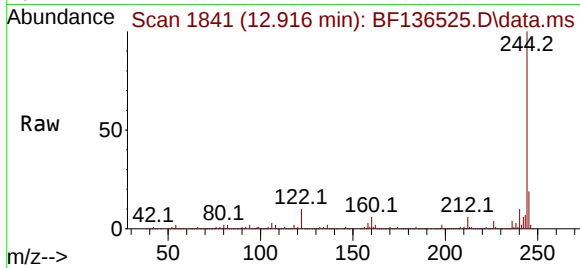
Tgt Ion:202 Resp: 657902
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 17.7 13.5 20.3





#79
 Terphenyl-d14
 Concen: 38.794 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136525.D
 Acq: 12 Dec 2023 19:59

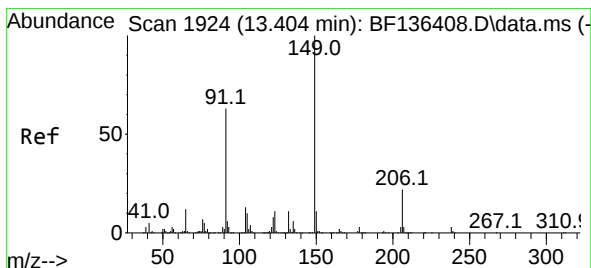
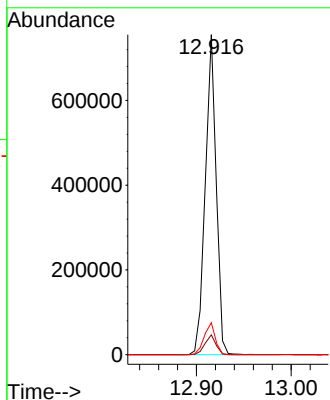
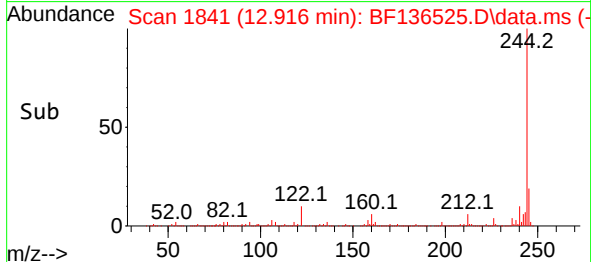
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS



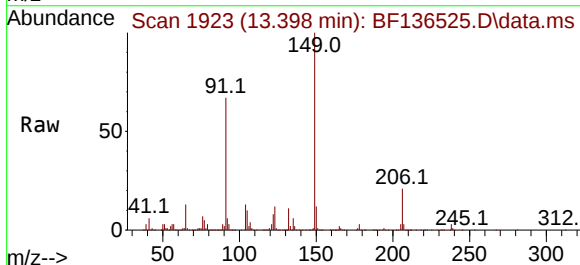
Tgt Ion:244 Resp: 60079
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.0 8.3 12.5

Manual Integrations
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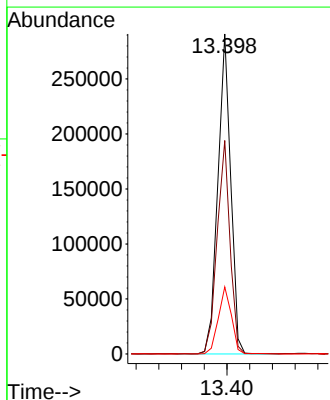
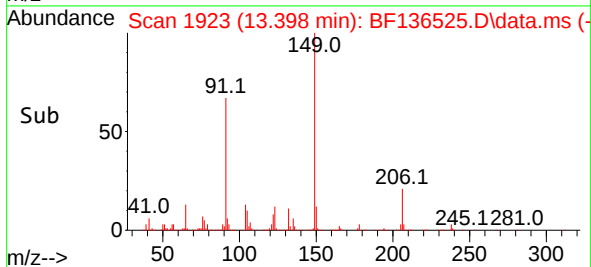
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

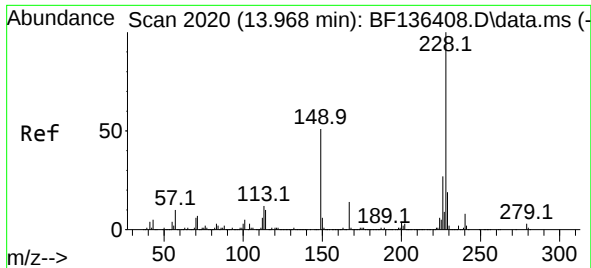


#80
 Butylbenzylphthalate
 Concen: 32.159 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136525.D
 Acq: 12 Dec 2023 19:59



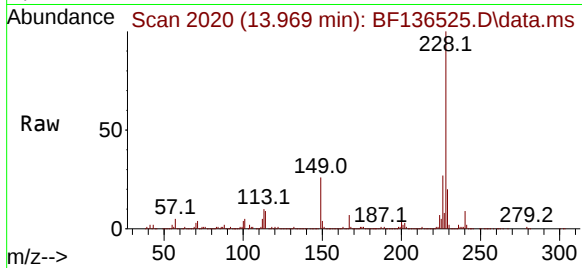
Tgt Ion:149 Resp: 228854
 Ion Ratio Lower Upper
 149 100
 91 66.7 50.5 75.7
 206 21.0 17.4 26.2





#81
Benzo(a)anthracene
Concen: 43.368 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

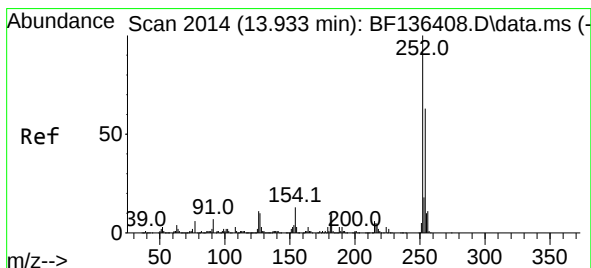
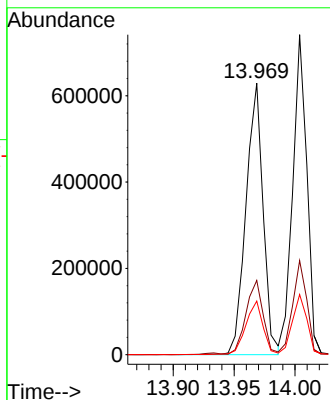
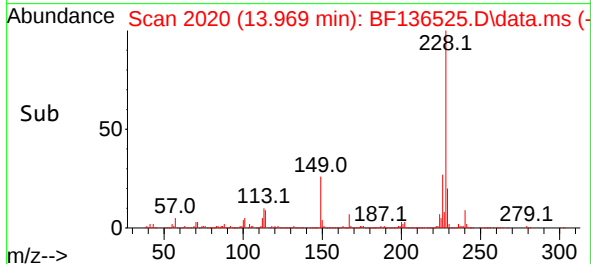
Instrument :
BNA_F
ClientSampleId :
WC-2MS



Tgt Ion:228 Resp: 616620
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.0 22.4

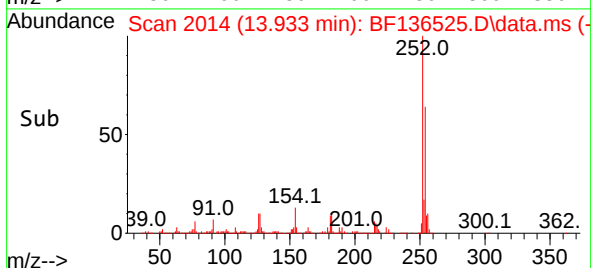
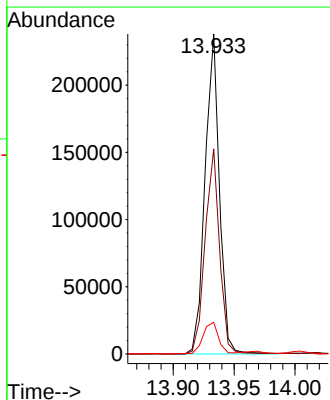
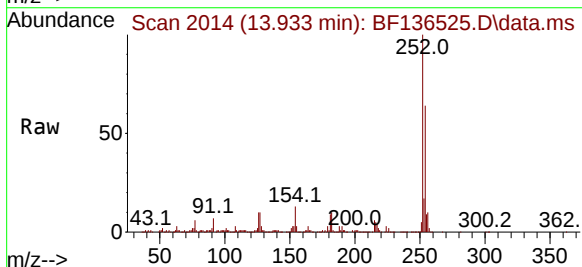
Manual Integrations
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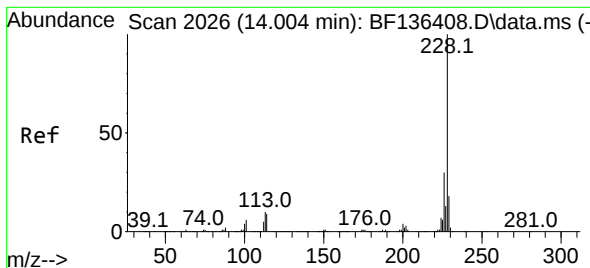
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 48.819 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:252 Resp: 194622
Ion Ratio Lower Upper
252 100
254 64.1 50.8 76.2
126 9.9 8.6 12.8





#83

Chrysene

Concen: 42.612 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

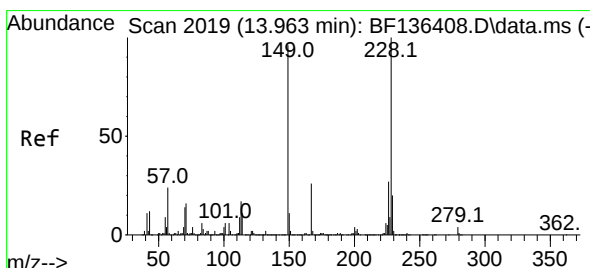
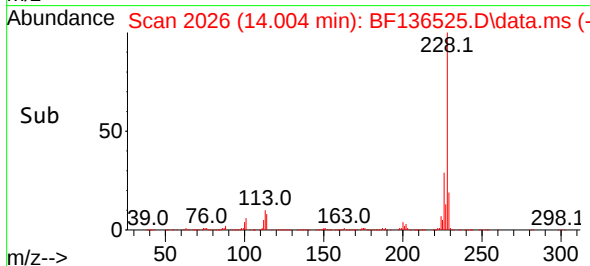
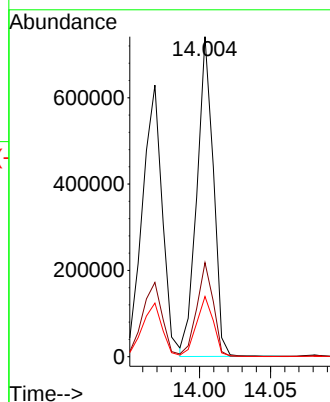
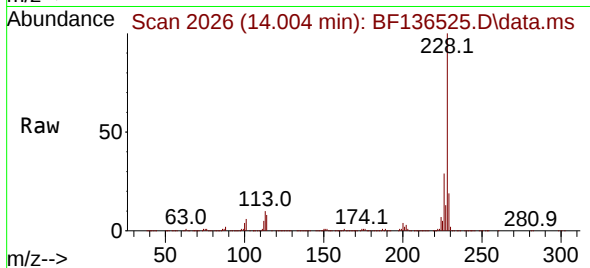
Tgt Ion:228 Resp: 596094
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.8 35.6
 229 18.8 14.8 22.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.589 ng

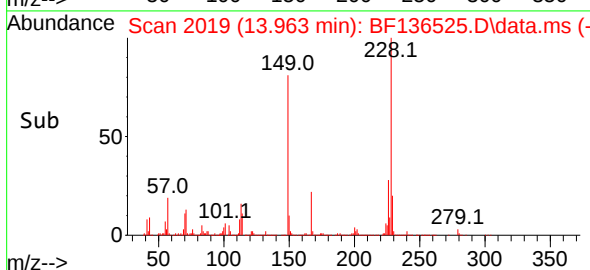
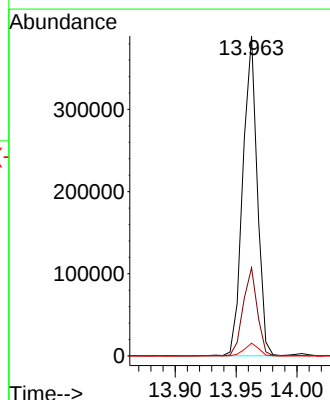
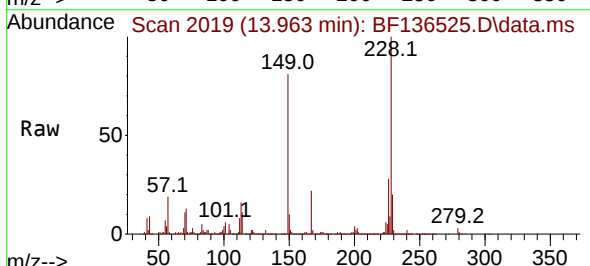
RT: 13.963 min Scan# 2019

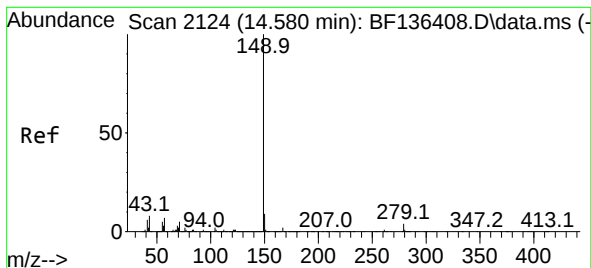
Delta R.T. 0.000 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Tgt Ion:149 Resp: 319209
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.2 31.8
 279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 46.179 ng

RT: 14.580 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

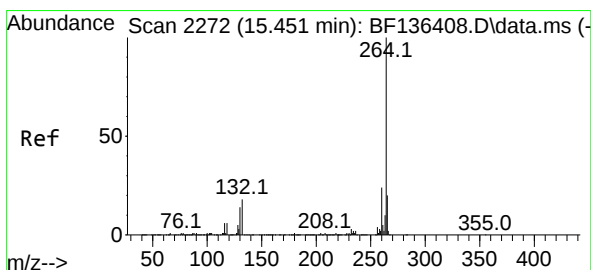
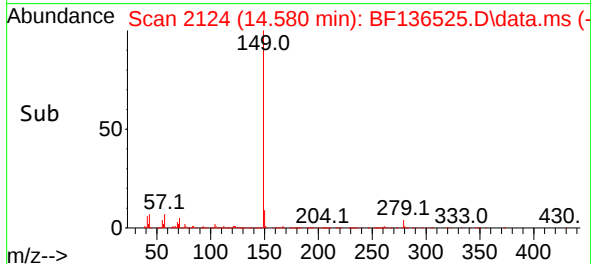
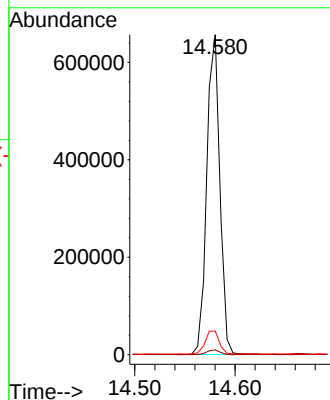
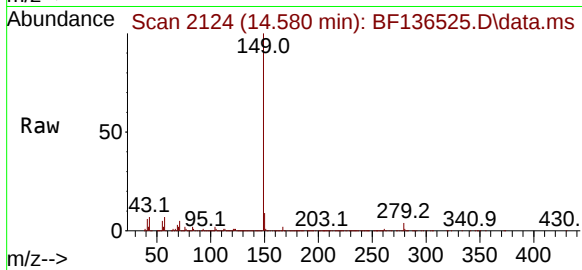
Tgt Ion:149 Resp: 595070
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 7.9 6.8 10.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#86

Perylene-d12

Concen: 20.000 ng

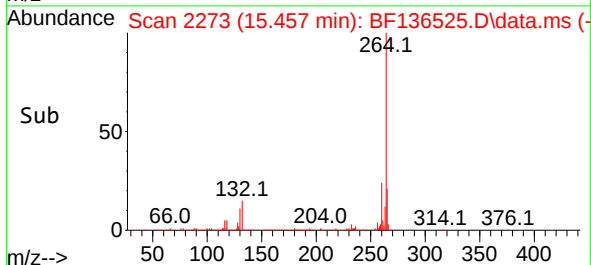
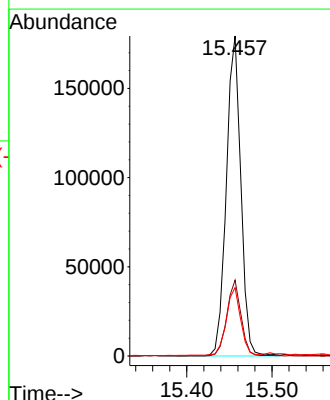
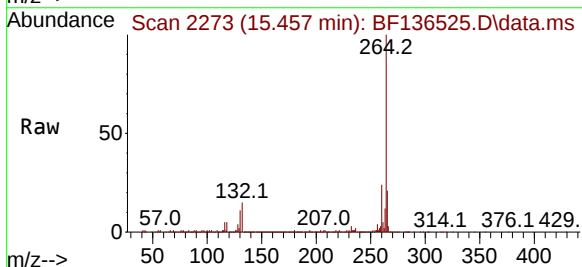
RT: 15.457 min Scan# 2273

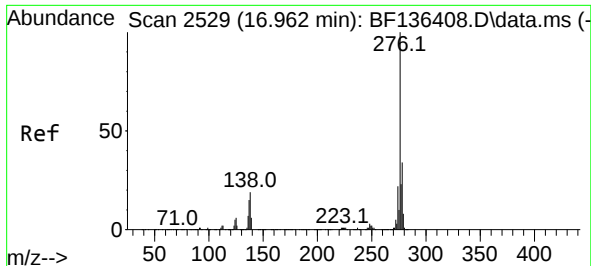
Delta R.T. 0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Tgt Ion:264 Resp: 211921
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 15.9 23.9





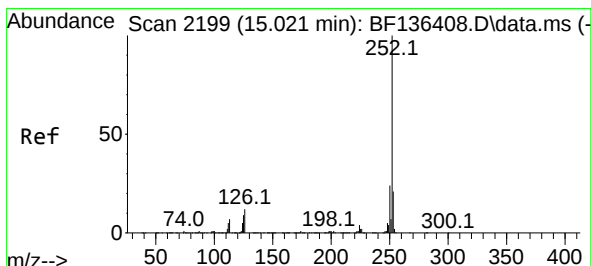
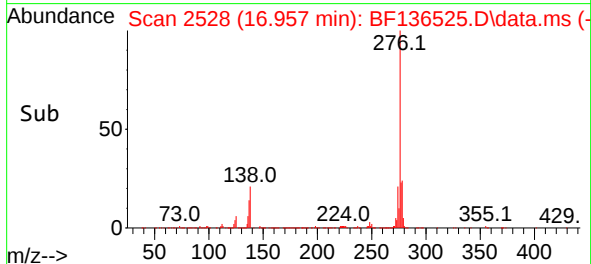
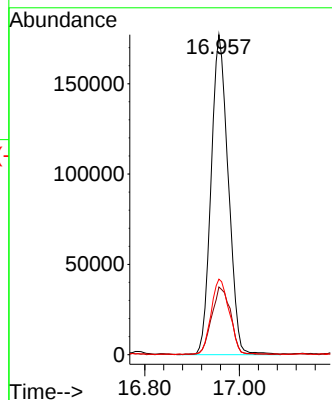
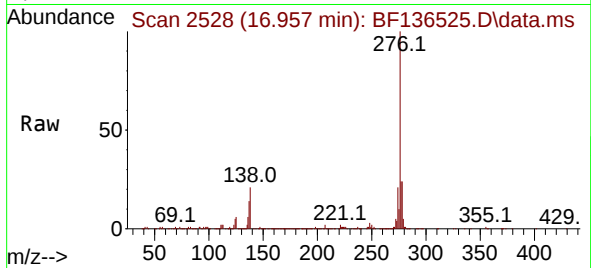
#87
Indeno(1,2,3-cd)pyrene
Concen: 30.252 ng
RT: 16.957 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:276 Resp: 445380
Ion Ratio Lower Upper
276 100
138 23.4 19.0 28.4
277 24.5 20.0 30.0

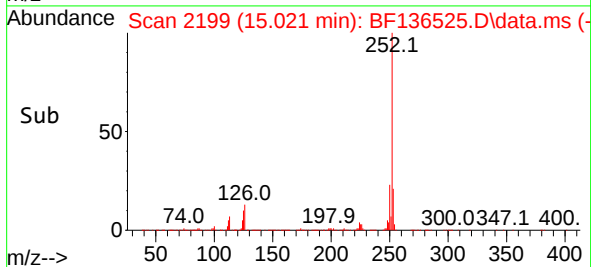
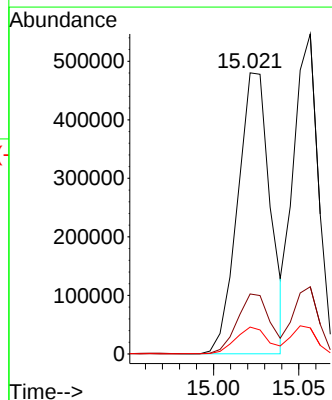
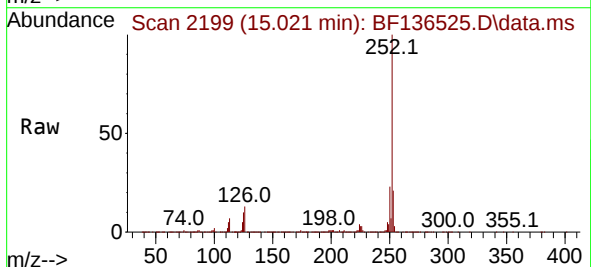
Manual Integrations
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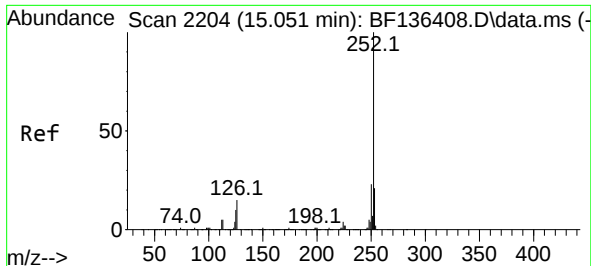
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#88
Benzo(b)fluoranthene
Concen: 44.116 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:252 Resp: 639216
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 9.6 7.4 11.2





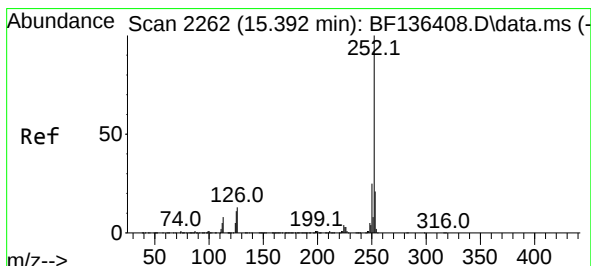
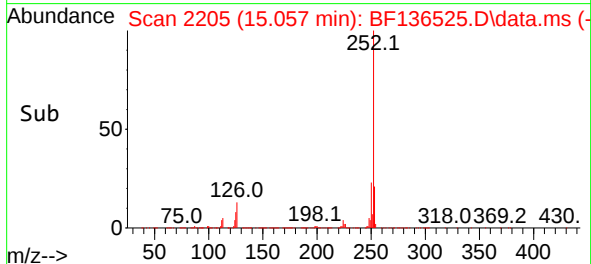
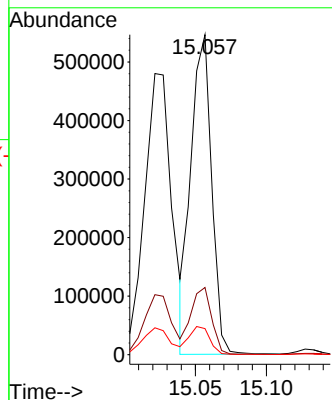
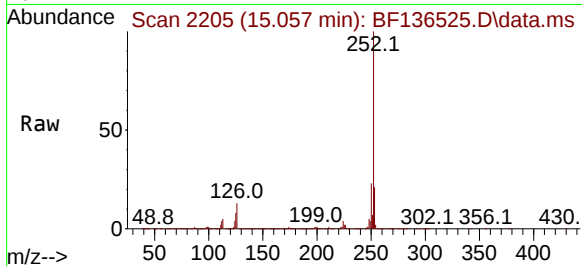
#89
Benzo(k)fluoranthene
Concen: 40.397 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion:252 Resp: 55162
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 8.2 7.5 11.3

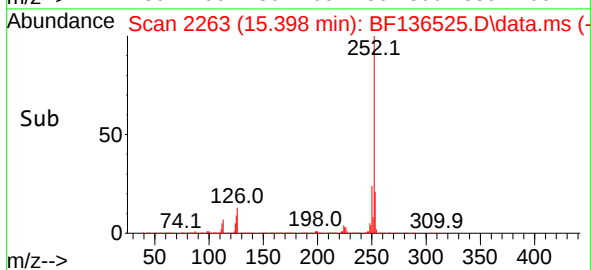
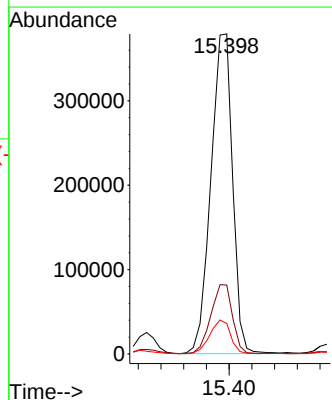
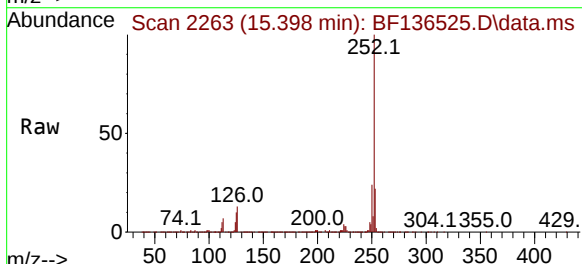
Manual Integrations
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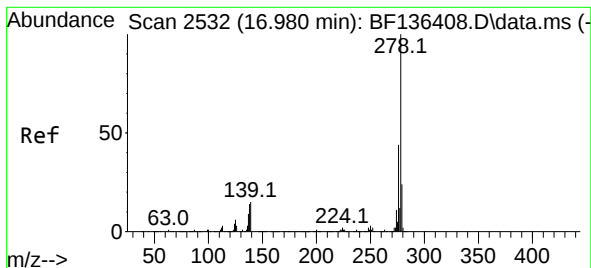
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#90
Benzo(a)pyrene
Concen: 42.008 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF136525.D
Acq: 12 Dec 2023 19:59

Tgt Ion:252 Resp: 502678
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 9.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 29.967 ng

RT: 16.980 min Scan# 2532

Delta R.T. 0.000 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

WC-2MS

Tgt Ion:278 Resp: 36144

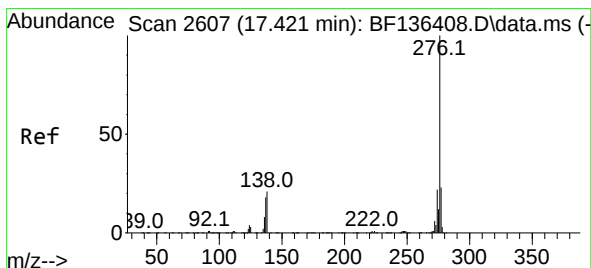
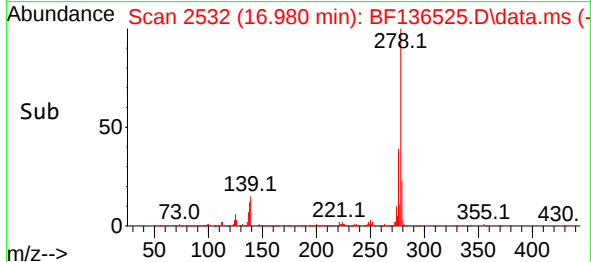
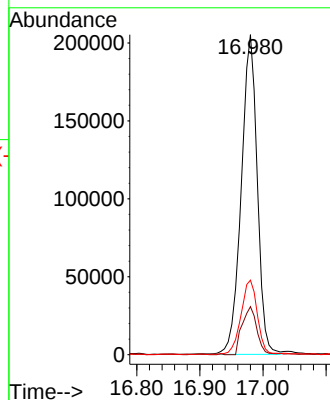
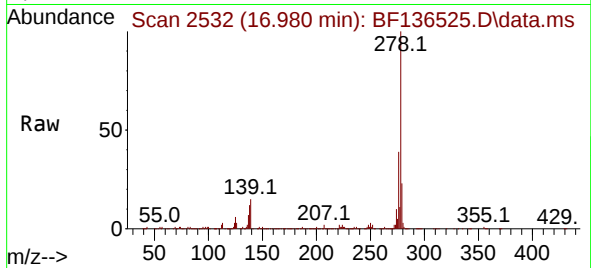
Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.2	18.4
279	23.3	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#92

Benzo(g,h,i)perylene

Concen: 26.970 ng

RT: 17.415 min Scan# 2606

Delta R.T. -0.006 min

Lab File: BF136525.D

Acq: 12 Dec 2023 19:59

Tgt Ion:276 Resp: 333882

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.7	28.1
138	18.1	16.6	25.0

