

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136011.D
 Acq On : 28 Oct 2023 18:10
 Operator : CG\JU
 Sample : 04887-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-622-VOC-04MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 00:27:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	137069	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	536242	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	281177	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	510515	20.000	ng	0.00
76) Chrysene-d12	14.010	240	271627	20.000	ng	0.00
86) Perylene-d12	15.498	264	327792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1195268	134.654	ng	0.02
7) Phenol-d6	6.463	99	1394790	126.214	ng	0.00
23) Nitrobenzene-d5	7.392	82	920761	107.902	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	451429	183.423	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1692427	96.380	ng	0.00
79) Terphenyl-d14	12.957	244	1912863	117.660	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	182643	44.294	ng	# 81
3) Pyridine	3.475	79	369348	32.453	ng	97
4) n-Nitrosodimethylamine	3.428	42	218659	44.062	ng	93
6) Aniline	6.493	93	263706	17.722	ng	97
8) 2-Chlorophenol	6.610	128	497978	54.191	ng	99
9) Benzaldehyde	6.381	77	116815	19.541	ng	96
10) Phenol	6.475	94	523518m	45.314	ng	
11) bis(2-Chloroethyl)ether	6.569	93	477863	53.139	ng	98
12) 1,3-Dichlorobenzene	6.769	146	513194	52.578	ng	95
13) 1,4-Dichlorobenzene	6.845	146	526051	53.663	ng	99
14) 1,2-Dichlorobenzene	6.993	146	496950	54.591	ng	99
15) Benzyl Alcohol	6.969	79	399399	51.126	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	656110	49.543	ng	96
17) 2-Methylphenol	7.081	107	378523	46.737	ng	99
18) Hexachloroethane	7.334	117	183713	55.114	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	324507	51.638	ng	96
20) 3+4-Methylphenols	7.234	107	456703	46.722	ng	# 77
22) Acetophenone	7.234	105	652450	53.870	ng	99
24) Nitrobenzene	7.410	77	484872	54.245	ng	96
25) Isophorone	7.645	82	905169	53.402	ng	99
26) 2-Nitrophenol	7.722	139	236935	64.767	ng	99
27) 2,4-Dimethylphenol	7.763	122	373541	48.353	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	559617	53.764	ng	99
29) 2,4-Dichlorophenol	7.963	162	403256	58.293	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	441358	56.349	ng	100
31) Naphthalene	8.128	128	1407456	54.287	ng	100
32) Benzoic acid	7.875	122	270065	61.778	ng	93
33) 4-Chloroaniline	8.175	127	41836	3.651	ng	98
34) Hexachlorobutadiene	8.245	225	248290	56.241	ng	99
35) Caprolactam	8.545	113	115337m	50.101	ng	
36) 4-Chloro-3-methylphenol	8.657	107	423930	57.666	ng	98
37) 2-Methylnaphthalene	8.822	142	886103	51.657	ng	99
38) 1-Methylnaphthalene	8.922	142	855562	53.378	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	415067	52.265	ng	100
41) Hexachlorocyclopentadiene	8.975	237	411145	104.995	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	279283	60.085	ng	98

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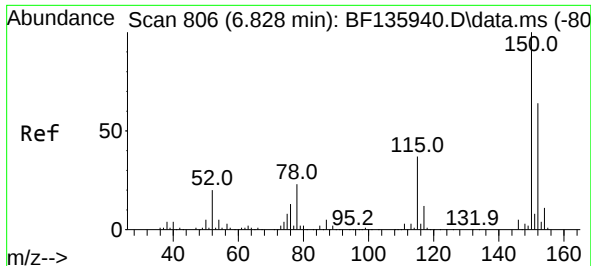
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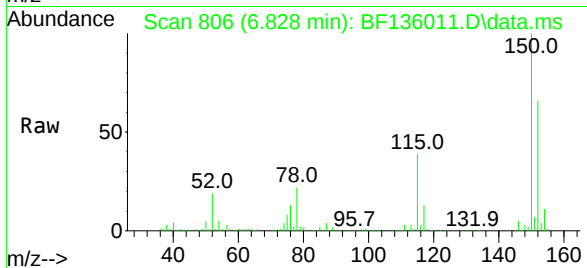
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	308010	55.811	ng	96
46) 1,1'-Biphenyl	9.286	154	1130525	53.062	ng	98
47) 2-Chloronaphthalene	9.310	162	856827	54.371	ng	98
48) 2-Nitroaniline	9.404	65	262609	58.150	ng	98
49) Acenaphthylene	9.728	152	1346610	54.165	ng	99
50) Dimethylphthalate	9.592	163	974502	53.444	ng	99
51) 2,6-Dinitrotoluene	9.651	165	226705	58.758	ng	87
52) Acenaphthene	9.898	154	920149m	57.751	ng	
53) 3-Nitroaniline	9.816	138	129641	30.498	ng	# 92
54) 2,4-Dinitrophenol	9.928	184	198852	106.822	ng	# 86
55) Dibenzofuran	10.075	168	1193614	51.857	ng	98
56) 4-Nitrophenol	9.981	139	362197	97.038	ng	98
57) 2,4-Dinitrotoluene	10.057	165	295484	61.309	ng	96
58) Fluorene	10.416	166	900125	52.270	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	263459	63.441	ng	98
60) Diethylphthalate	10.298	149	945753	54.391	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	431101	51.897	ng	97
62) 4-Nitroaniline	10.439	138	235202	52.077	ng	92
63) Azobenzene	10.575	77	898095	50.896	ng	95
65) 4,6-Dinitro-2-methylph...	10.463	198	134979	67.494	ng	85
66) n-Nitrosodiphenylamine	10.533	169	832196	53.959	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	287569	55.003	ng	96
68) Hexachlorobenzene	10.963	284	326778	58.510	ng	96
69) Atrazine	11.063	200	291422	69.315	ng	98
70) Pentachlorophenol	11.157	266	375306	104.615	ng	98
71) Phenanthrene	11.380	178	1386329	53.675	ng	99
72) Anthracene	11.433	178	1422357	53.783	ng	100
73) Carbazole	11.592	167	1250201	52.994	ng	99
74) Di-n-butylphthalate	11.933	149	1483318	59.087	ng	99
75) Fluoranthene	12.575	202	1375318	50.614	ng	98
77) Benzidine	12.698	184	85061	16.241	ng	98
78) Pyrene	12.804	202	1383148	60.646	ng	99
80) Butylbenzylphthalate	13.439	149	543932	61.902	ng	99
81) Benzo(a)anthracene	13.998	228	1008568	54.608	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	192874	34.325	ng	# 97
83) Chrysene	14.039	228	956868	53.194	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	676067	72.087	ng	# 99
85) Di-n-octyl phthalate	14.627	149	1083706	73.354	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1031881	55.516	ng	98
88) Benzo(b)fluoranthene	15.063	252	1068975	54.798	ng	100
89) Benzo(k)fluoranthene	15.092	252	890672	46.488	ng	100
90) Benzo(a)pyrene	15.439	252	902134	50.177	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	863085	54.287	ng	98
92) Benzo(g,h,i)perylene	17.474	276	792590	44.172	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

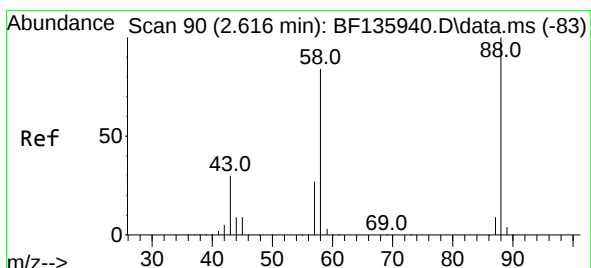
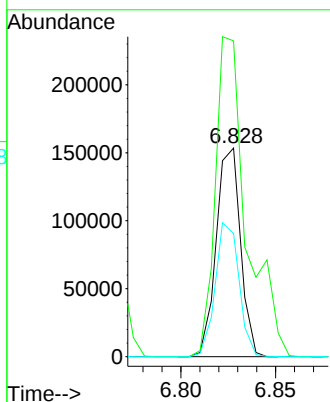
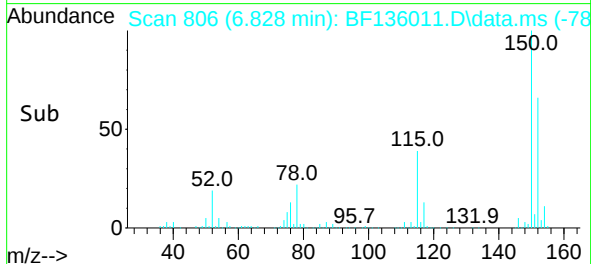
Instrument :
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ClientSampleId :
SU-622-VOC-04MS



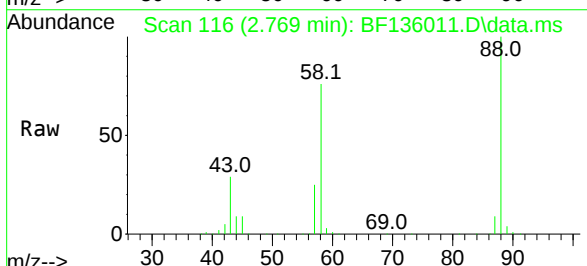
Tgt Ion:152 Resp: 137069
Ion Ratio Lower Upper
152 100
150 151.4 124.6 186.8
115 59.0 46.6 69.8

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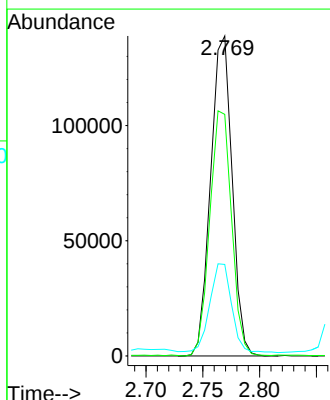
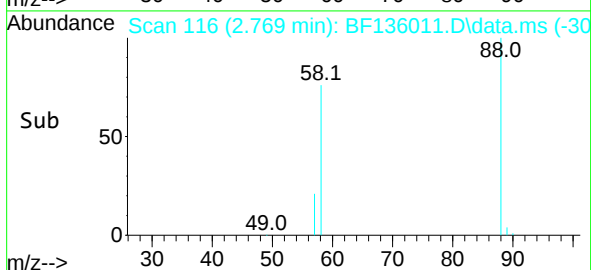
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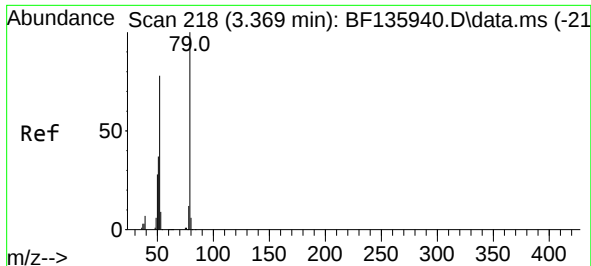


#2
1,4-Dioxane
Concen: 44.294 ng
RT: 2.769 min Scan# 116
Delta R.T. 0.153 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



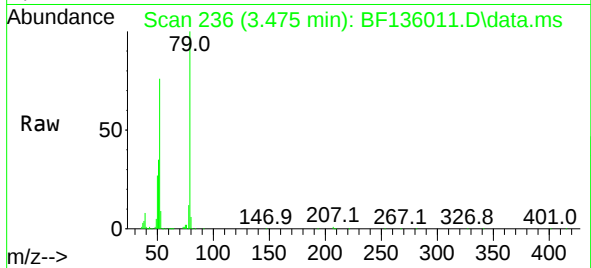
Tgt Ion: 88 Resp: 182643
Ion Ratio Lower Upper
88 100
58 78.1 66.6 100.0
43 0.0 23.8 35.8





#3
Pyridine
Concen: 32.453 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.106 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

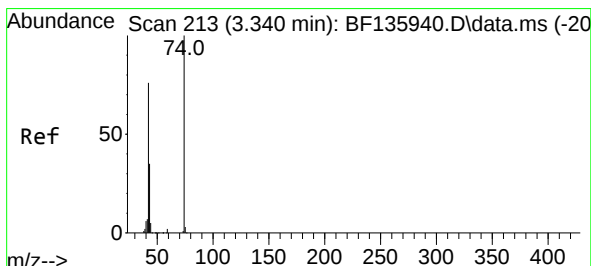
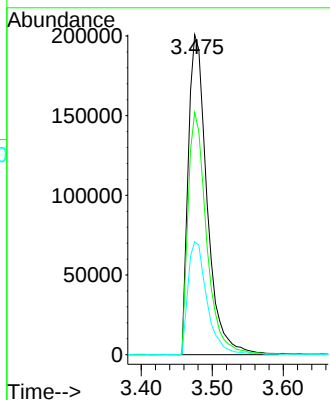
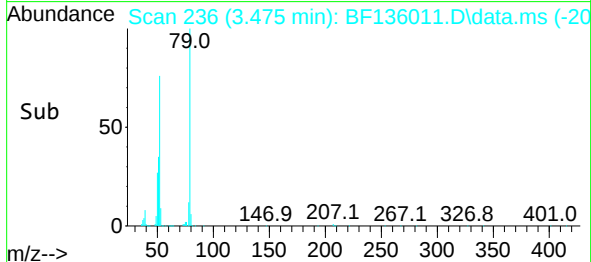
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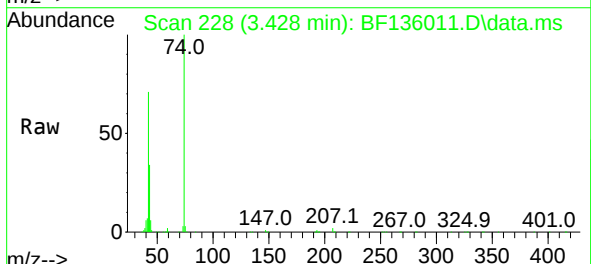
Tgt Ion: 79 Resp: 369348
Ion Ratio Lower Upper
79 100
52 75.7 62.6 93.8
51 35.3 29.8 44.8

Manual Integrations
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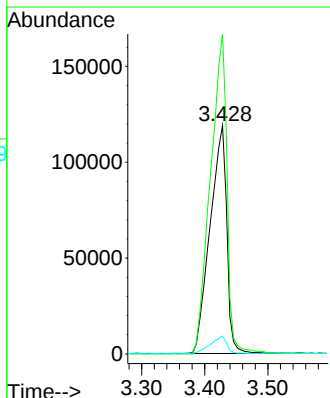
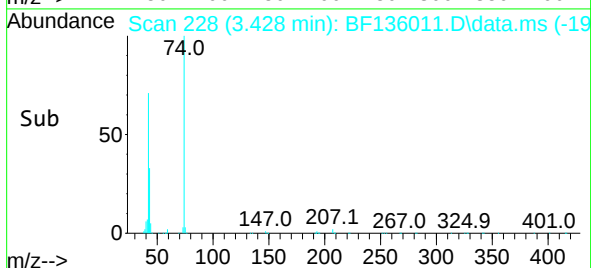
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#4
n-Nitrosodimethylamine
Concen: 44.062 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



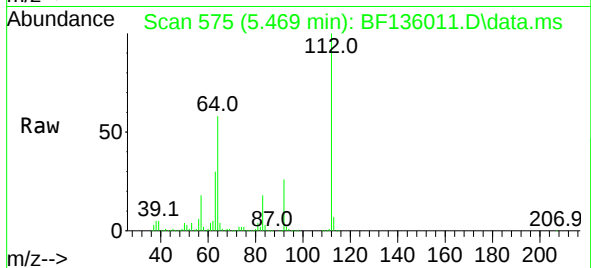
Tgt Ion: 42 Resp: 218659
Ion Ratio Lower Upper
42 100
74 140.1 104.8 157.2
44 7.8 5.9 8.9





#5
2-Fluorophenol
Concen: 134.654 ng
RT: 5.469 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

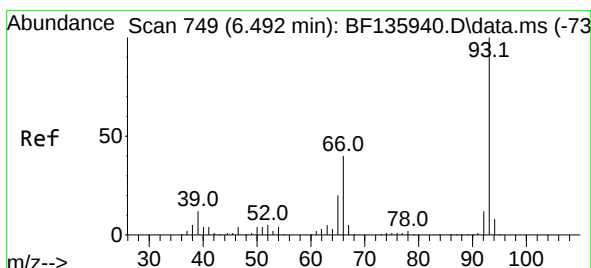
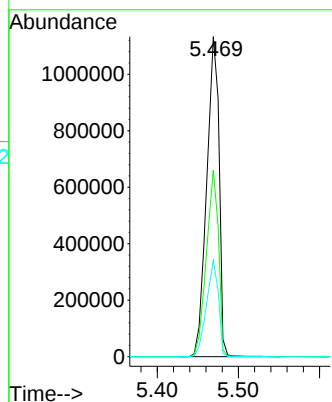
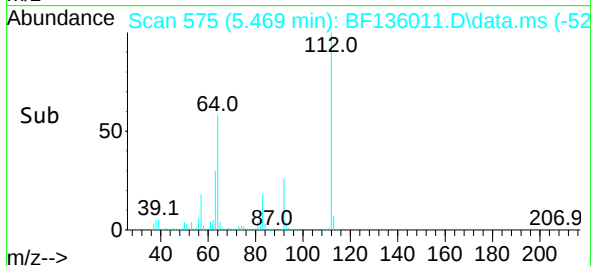
Instrument :
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Tgt Ion:112 Resp: 1195268
Ion Ratio Lower Upper
112 100
64 58.3 45.1 67.7
63 30.1 23.0 34.4

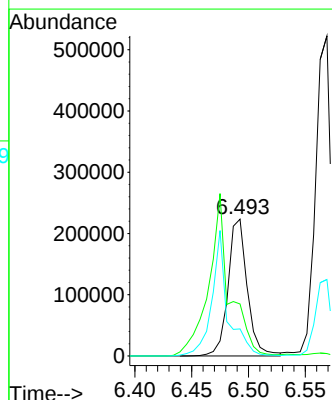
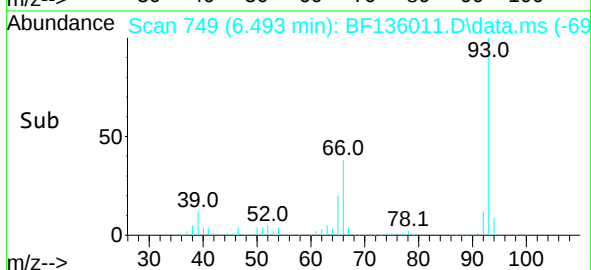
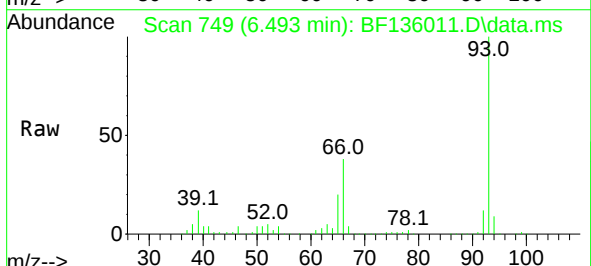
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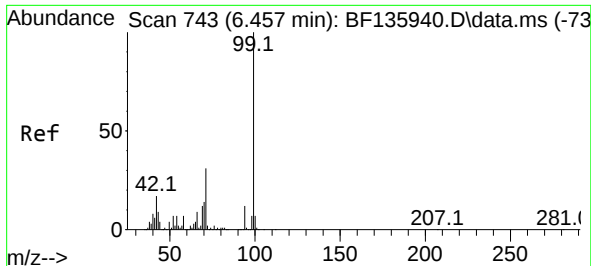
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#6
Aniline
Concen: 17.722 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion: 93 Resp: 263706
Ion Ratio Lower Upper
93 100
66 38.0 32.0 48.0
65 19.8 16.2 24.4





#7

Phenol-d6

Concen: 126.214 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136011.D

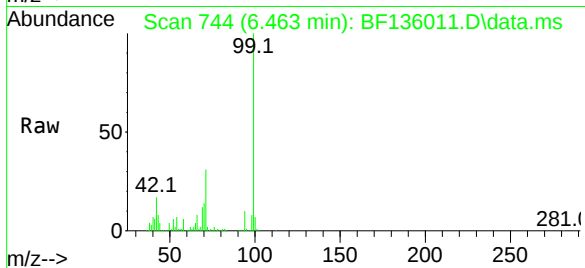
Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS



Tgt Ion: 99 Resp: 1394790

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

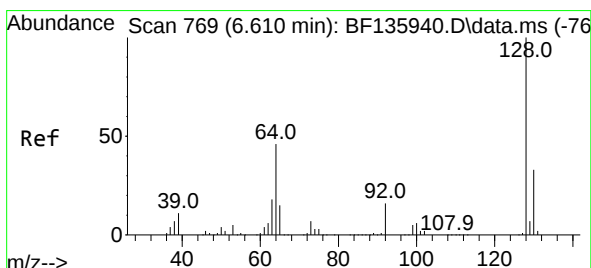
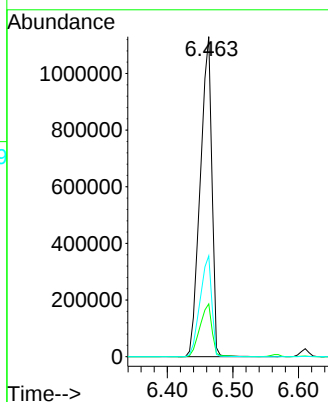
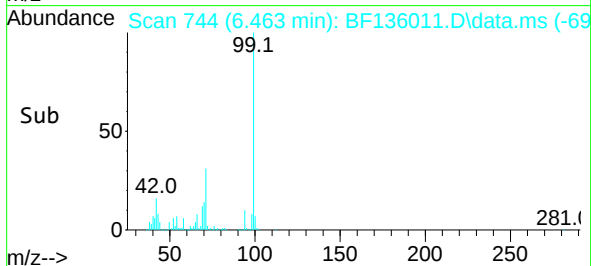
71 31.5 25.1 37.7

Manual Integrations

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Supervised By :mohammad ahmed 10/31/2023



#8

2-Chlorophenol

Concen: 54.191 ng

RT: 6.610 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

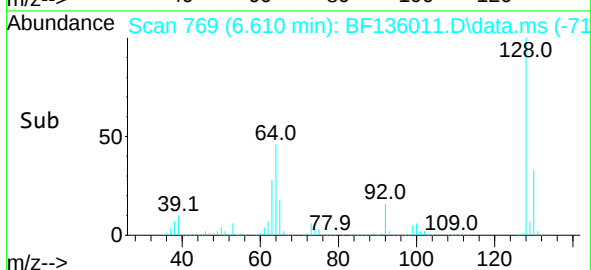
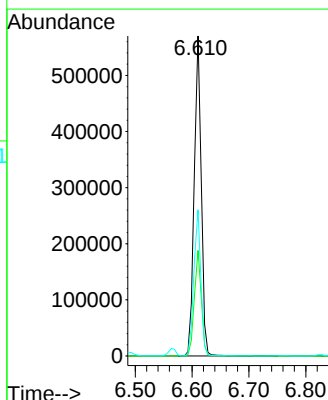
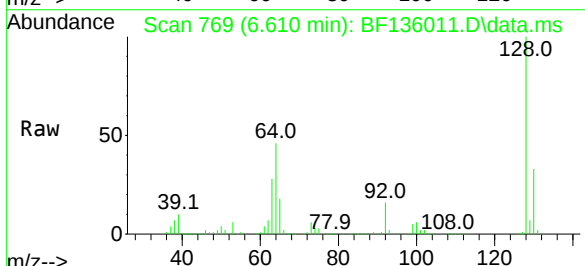
Tgt Ion:128 Resp: 497978

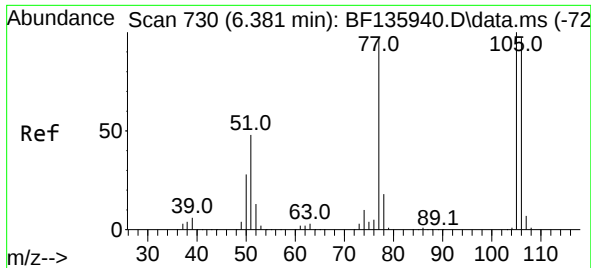
Ion Ratio Lower Upper

128 100

130 33.0 13.1 53.1

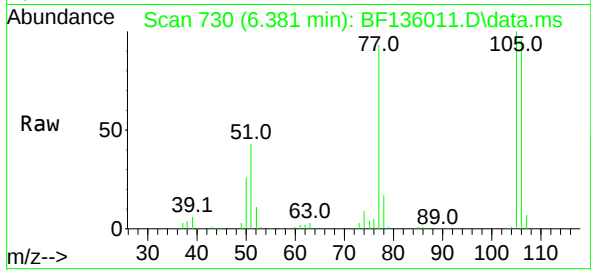
64 45.7 27.0 67.0





#9
Benzaldehyde
Concen: 19.541 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

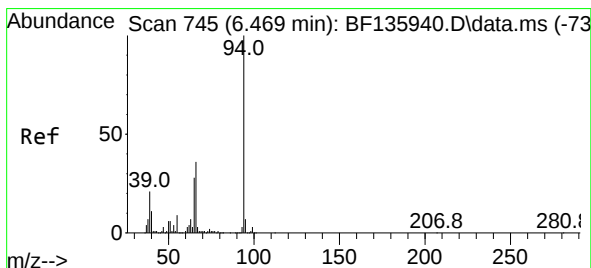
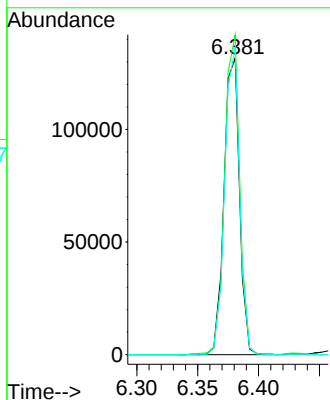
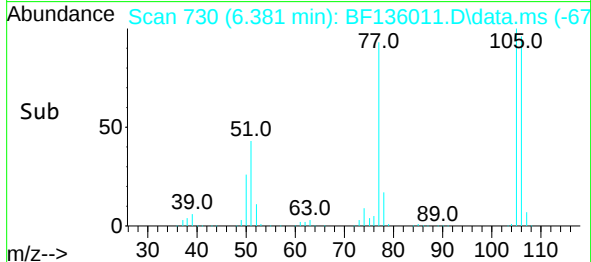
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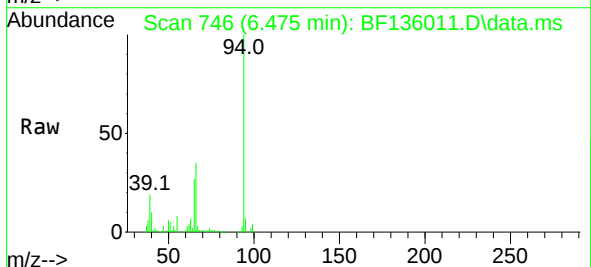
Tgt Ion: 77 Resp: 11681
Ion Ratio Lower Upper
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105 107.9 83.2 123.2
106 103.7 80.0 120.0

Manual Integrations
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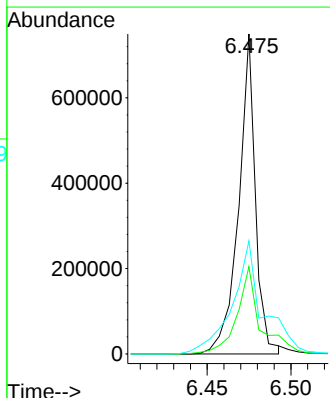
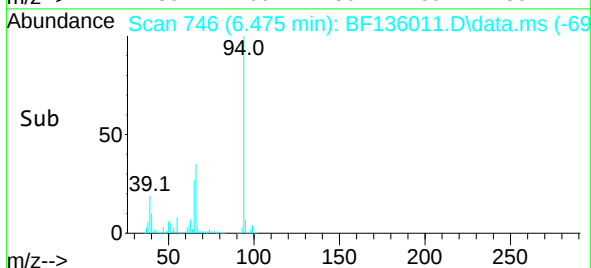
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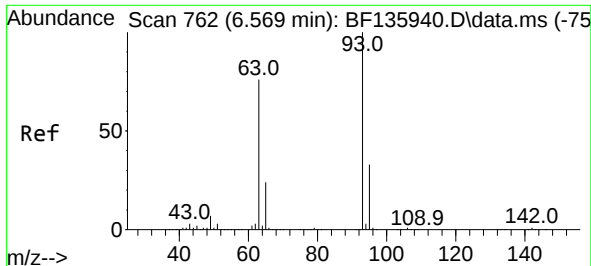


#10
Phenol
Concen: 45.314 ng m
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



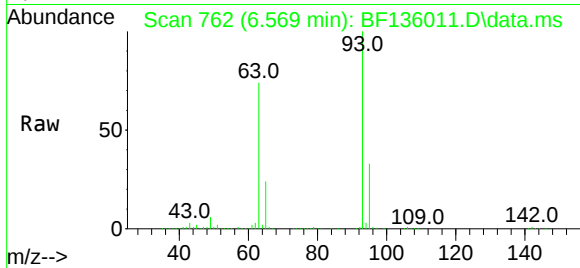
Tgt Ion: 94 Resp: 523518
Ion Ratio Lower Upper
94 100
65 27.3 7.8 47.8
66 35.4 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 53.139 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

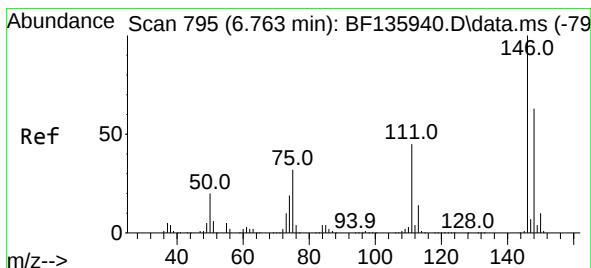
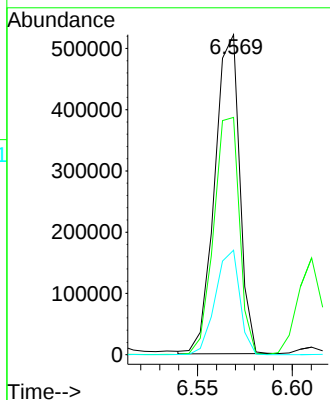
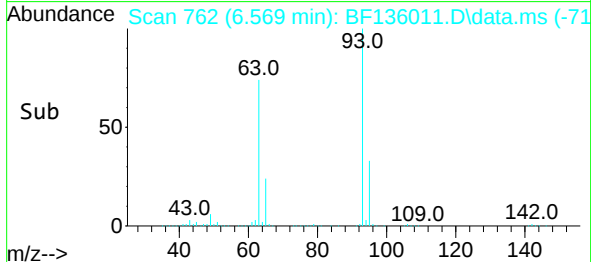
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion: 93 Resp: 47786
Ion Ratio Lower Upper
93 100
63 74.1 56.2 96.2
95 32.7 12.9 52.9

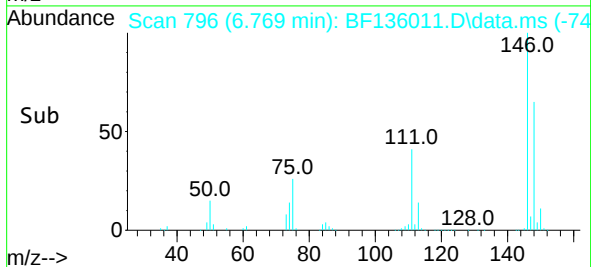
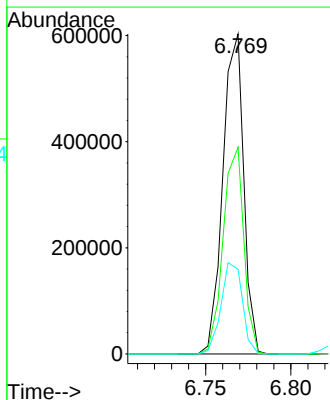
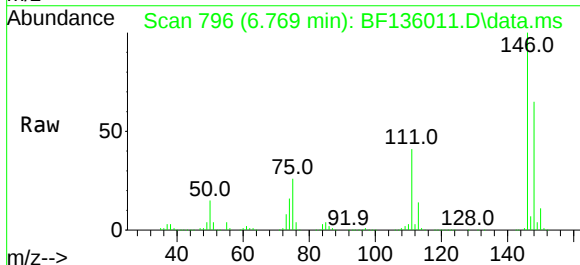
Manual Integrations
APPROVED

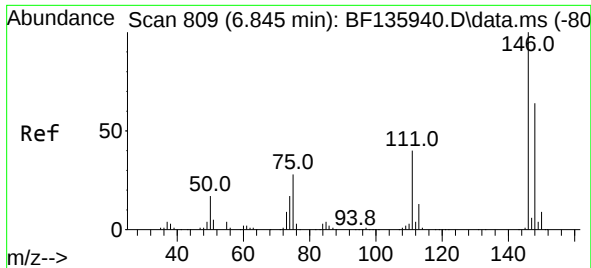
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#12
1,3-Dichlorobenzene
Concen: 52.578 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

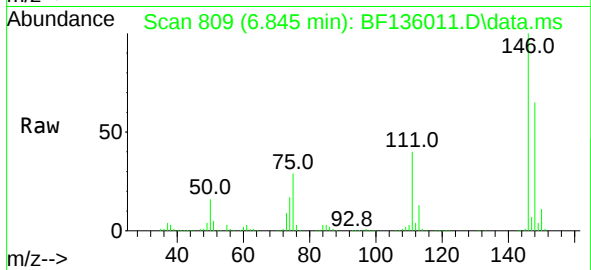
Tgt Ion:146 Resp: 513194
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.4
75 26.4 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 53.663 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

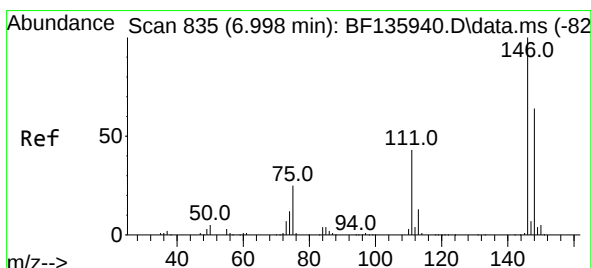
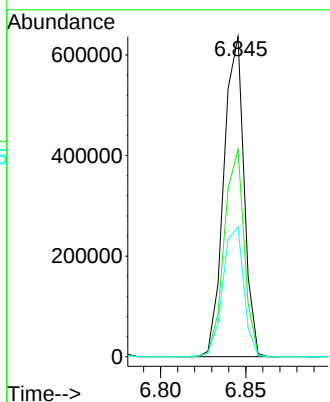
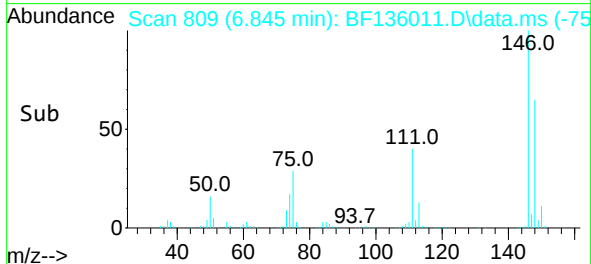
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



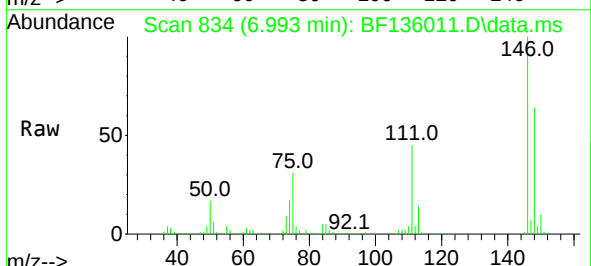
Tgt Ion:146 Resp: 52605
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
111 40.5 31.8 47.8

Manual Integrations
APPROVED

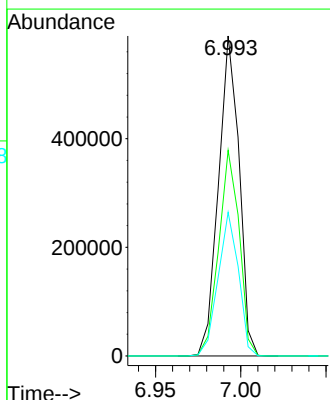
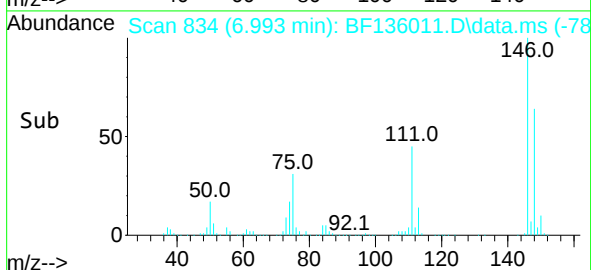
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

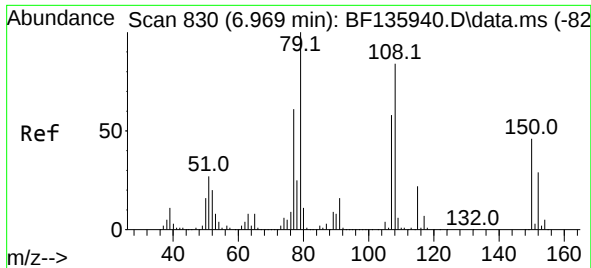


#14
1,2-Dichlorobenzene
Concen: 54.591 ng
RT: 6.993 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



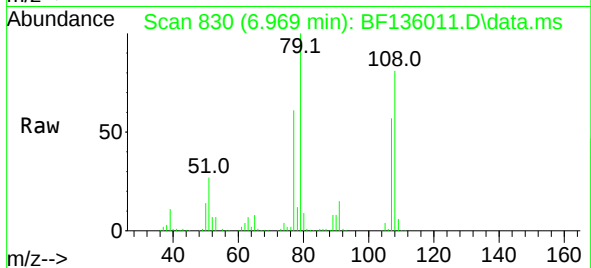
Tgt Ion:146 Resp: 496950
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 44.9 34.2 51.4





#15
Benzyl Alcohol
Concen: 51.126 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

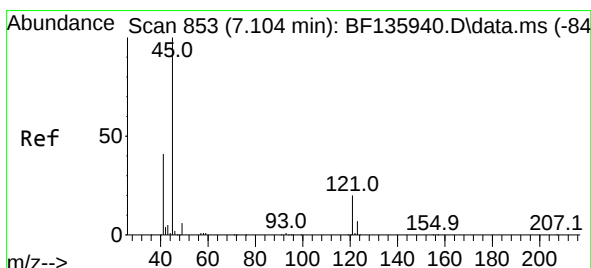
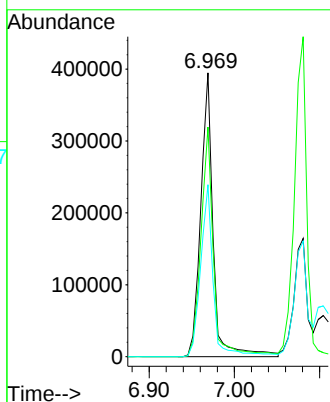
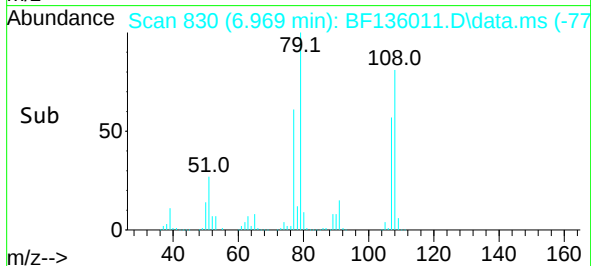
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion: 79 Resp: 399399
Ion Ratio Lower Upper
79 100
108 80.9 67.2 100.8
77 60.6 49.0 73.6

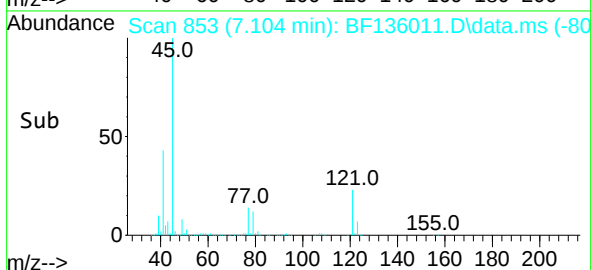
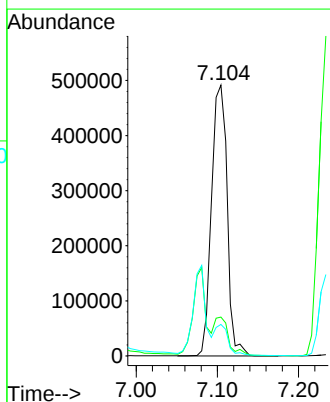
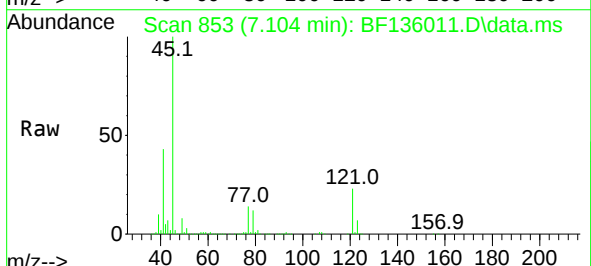
Manual Integrations
APPROVED

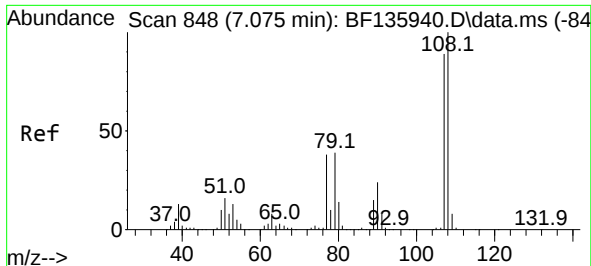
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.543 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

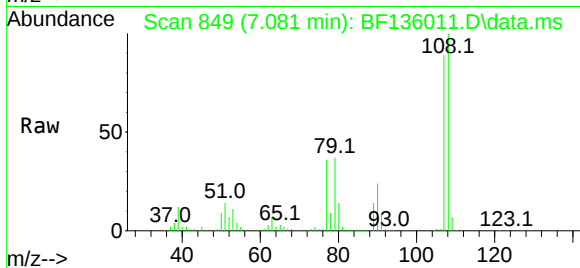
Tgt Ion: 45 Resp: 656110
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.2
79 11.6 0.0 29.8





#17
2-Methylphenol
Concen: 46.737 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

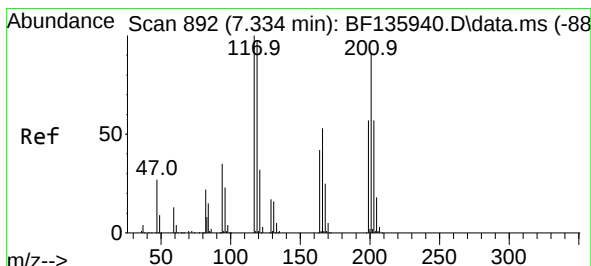
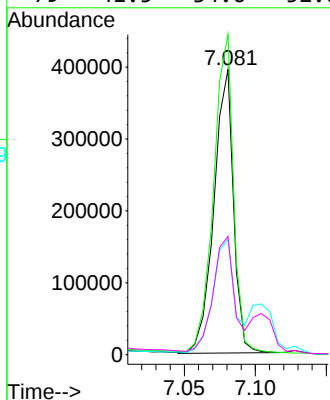
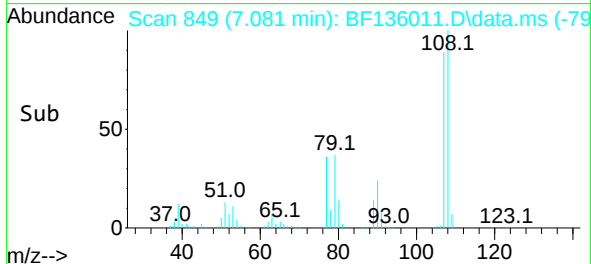
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:107 Resp: 37852
Ion Ratio Lower Upper
107 100
108 112.3 89.8 134.6
77 40.5 34.2 51.2
79 41.5 34.6 52.0

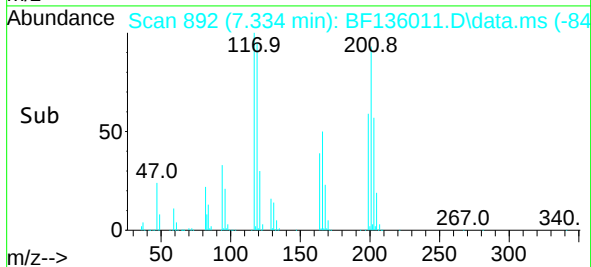
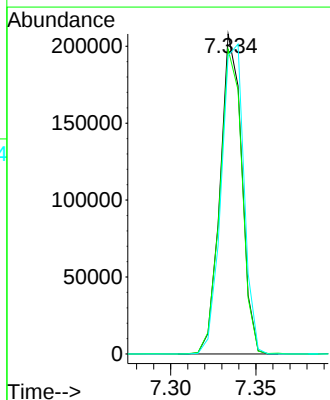
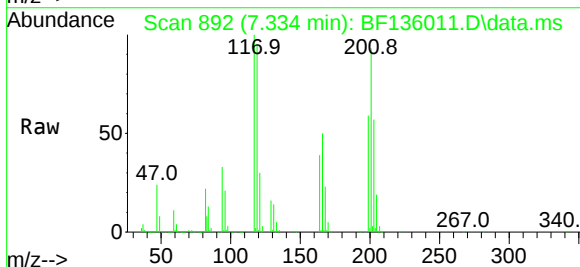
Manual Integrations
APPROVED

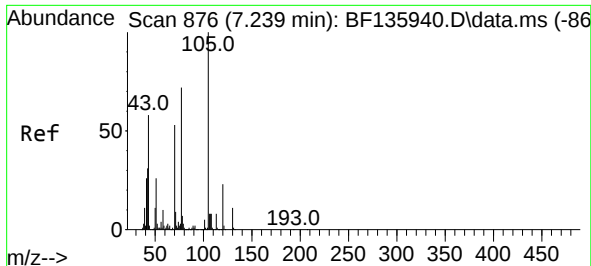
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#18
Hexachloroethane
Concen: 55.114 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

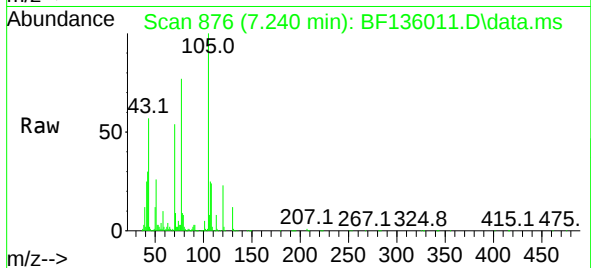
Tgt Ion:117 Resp: 183713
Ion Ratio Lower Upper
117 100
119 95.3 77.3 115.9
201 93.2 72.8 109.2





#19
n-Nitroso-di-n-propylamine
Concen: 51.638 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

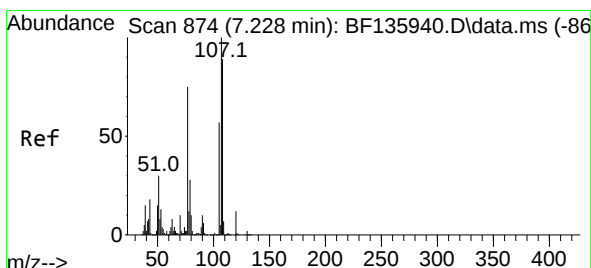
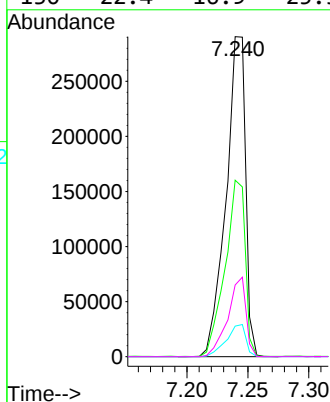
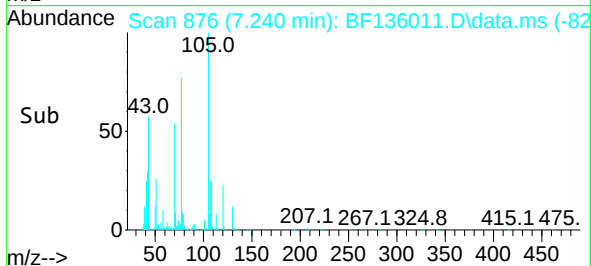
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



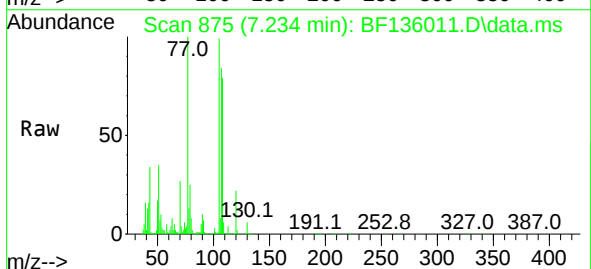
Tgt Ion: 70 Resp: 32450
Ion Ratio Lower Upper
70 100
42 55.2 47.3 70.9
101 9.5 7.8 11.8
130 22.4 16.9 25.3

Manual Integrations
APPROVED

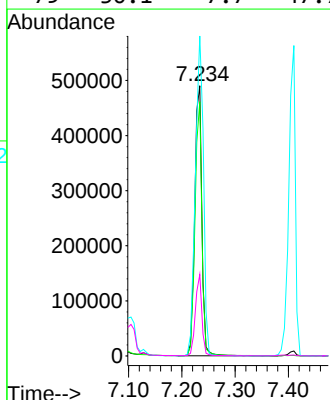
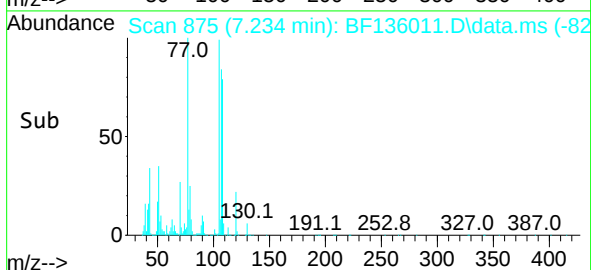
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

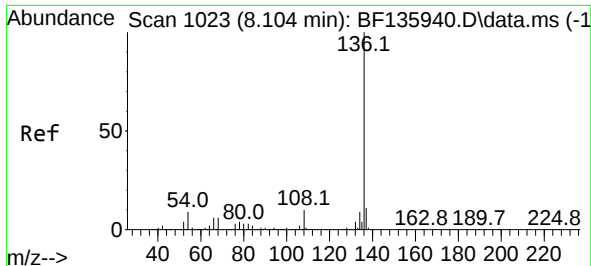


#20
3+4-Methylphenols
Concen: 46.722 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



Tgt Ion:107 Resp: 456703
Ion Ratio Lower Upper
107 100
108 94.1 69.1 109.1
77 118.4 55.0 95.0#
79 30.1 7.7 47.7





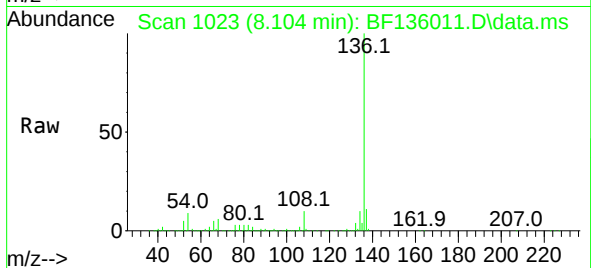
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

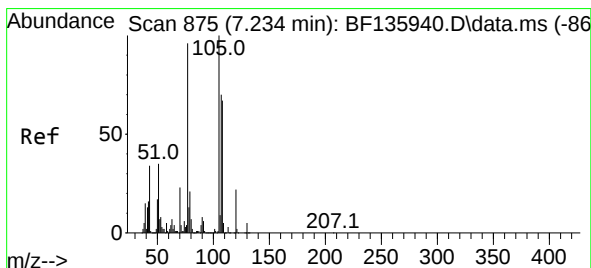
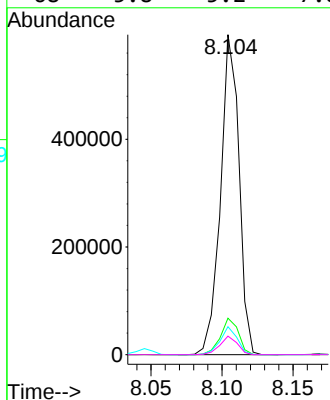
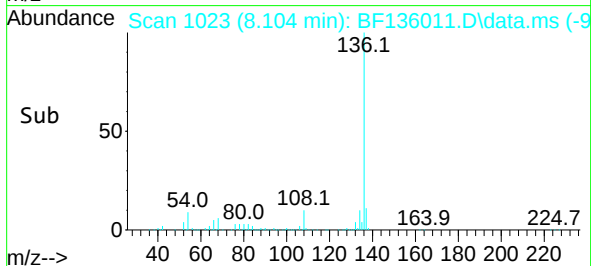
SU-622-VOC-04MS



Tgt Ion:136 Resp: 53624
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.7 7.1 10.7
68 5.8 5.2 7.8

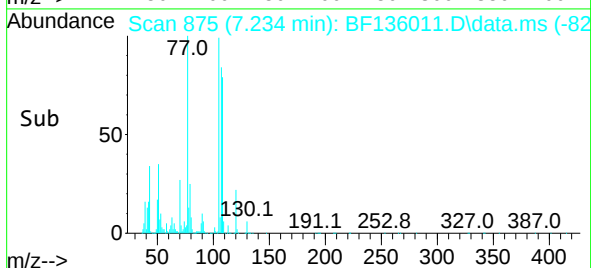
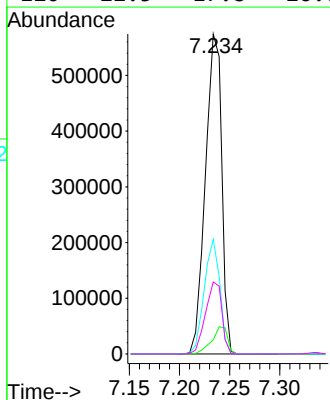
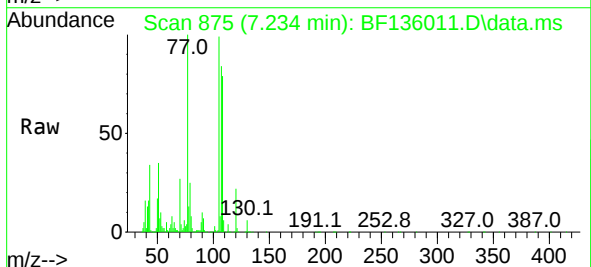
Manual Integrations
APPROVED

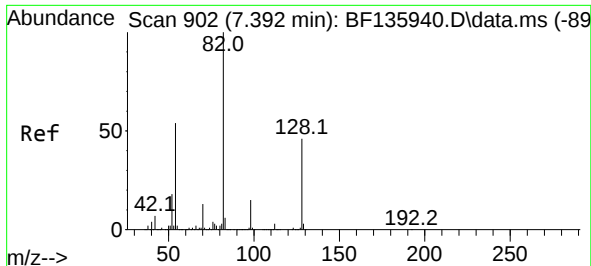
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#22
Acetophenone
Concen: 53.870 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

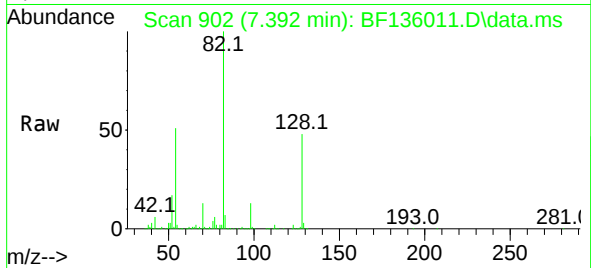
Tgt Ion:105 Resp: 652450
Ion Ratio Lower Upper
105 100
71 4.4 3.4 5.2
51 35.8 28.4 42.6
120 22.5 17.8 26.6





#23
Nitrobenzene-d5
Concen: 107.902 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

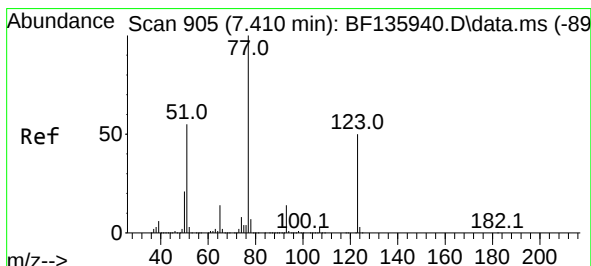
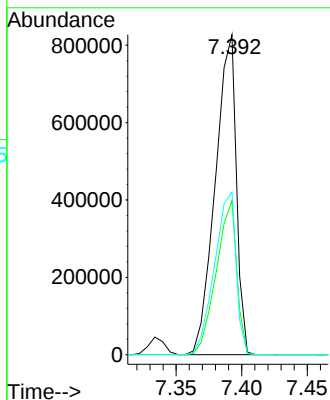
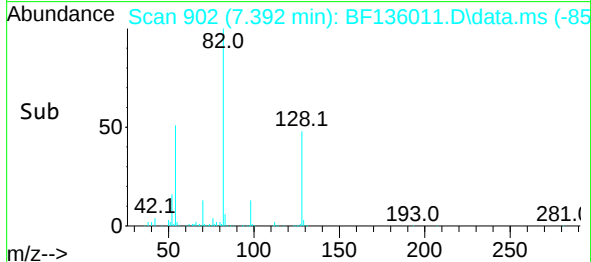
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



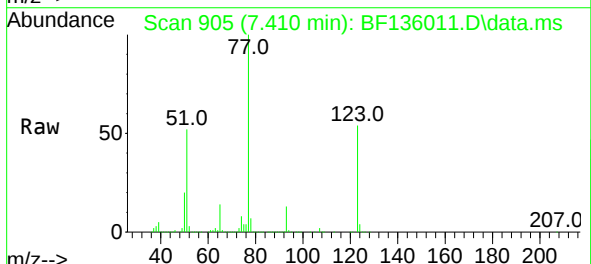
Tgt Ion: 82 Resp: 920761
Ion Ratio Lower Upper
82 100
128 48.1 36.8 55.2
54 50.9 43.4 65.0

Manual Integrations
APPROVED

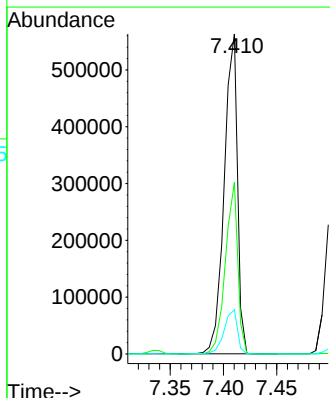
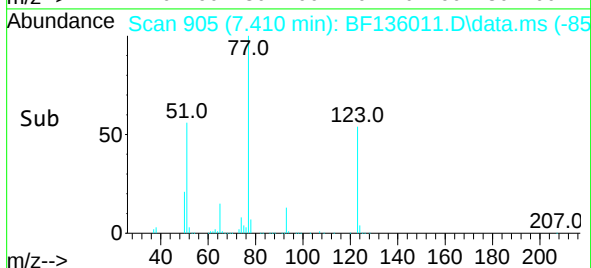
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

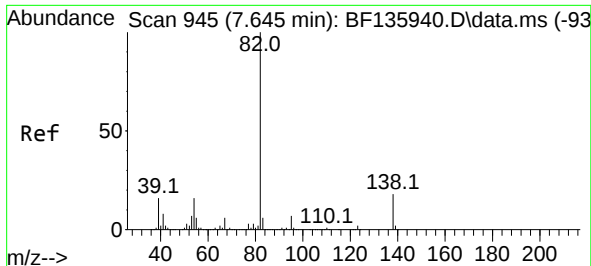


#24
Nitrobenzene
Concen: 54.245 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



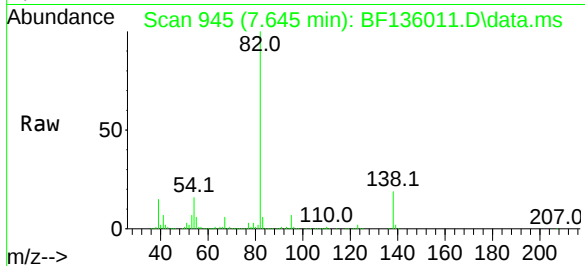
Tgt Ion: 77 Resp: 484872
Ion Ratio Lower Upper
77 100
123 53.7 40.2 60.2
65 13.8 11.0 16.4





#25
Isophorone
Concen: 53.402 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

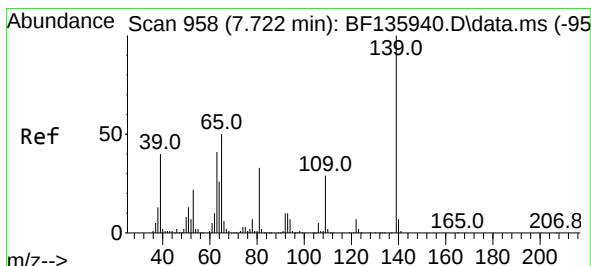
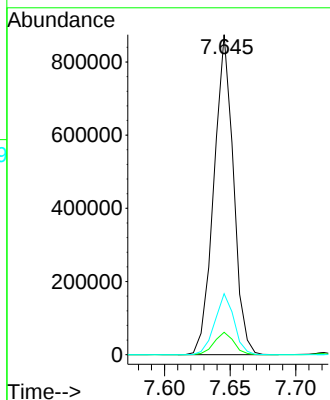
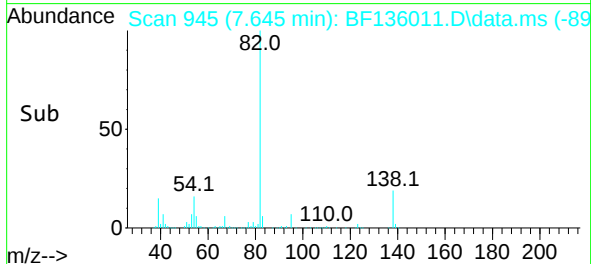
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



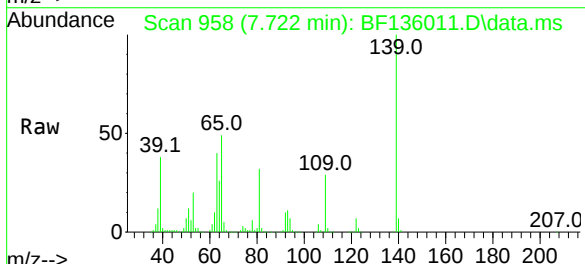
Tgt Ion: 82 Resp: 905169
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.0 14.8 22.2

Manual Integrations
APPROVED

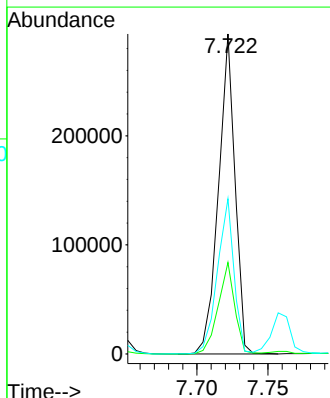
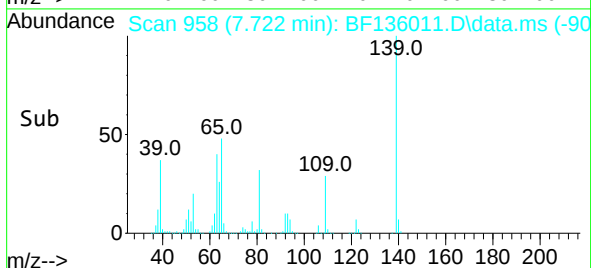
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

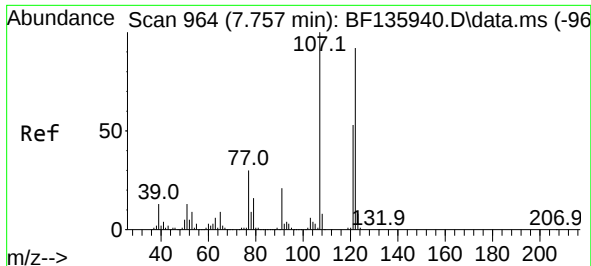


#26
2-Nitrophenol
Concen: 64.767 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



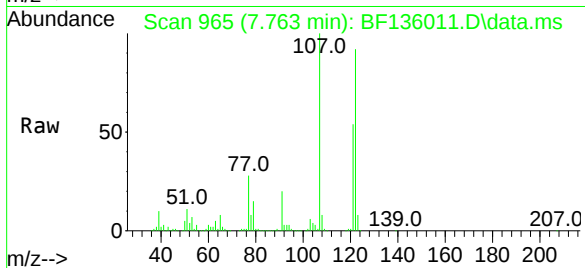
Tgt Ion:139 Resp: 236935
Ion Ratio Lower Upper
139 100
109 28.6 23.1 34.7
65 48.5 39.8 59.8





#27
2,4-Dimethylphenol
Concen: 48.353 ng
RT: 7.763 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

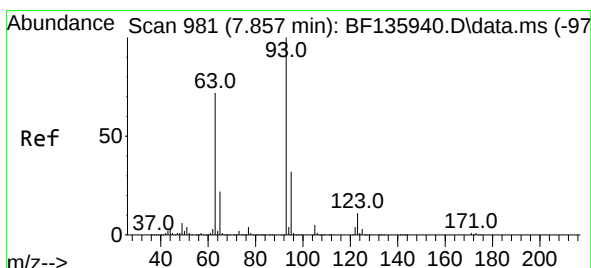
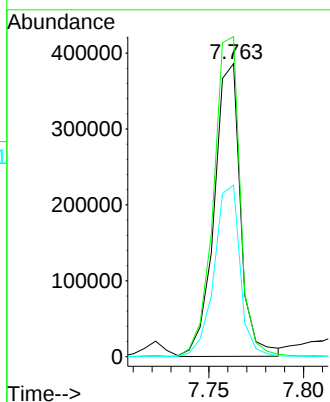
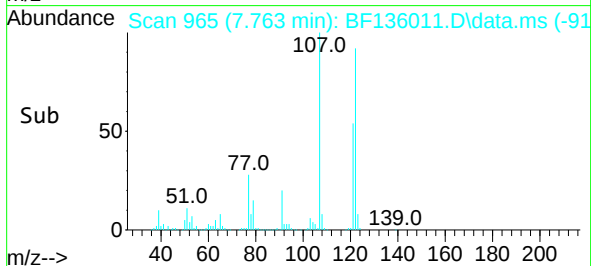
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:122 Resp: 37354
Ion Ratio Lower Upper
122 100
107 109.2 87.1 130.7
121 58.5 45.9 68.9

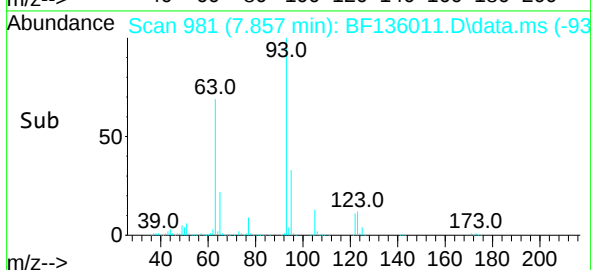
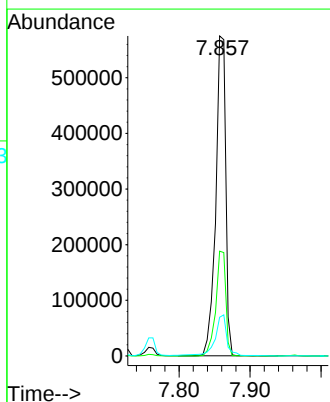
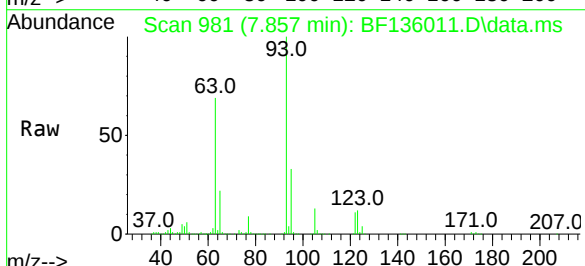
Manual Integrations
APPROVED

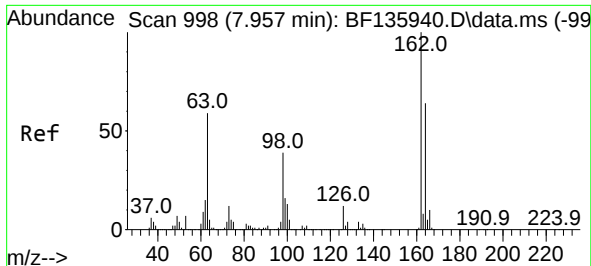
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 53.764 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion: 93 Resp: 559617
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 12.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 58.293 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

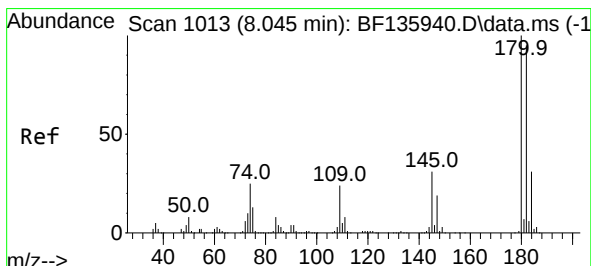
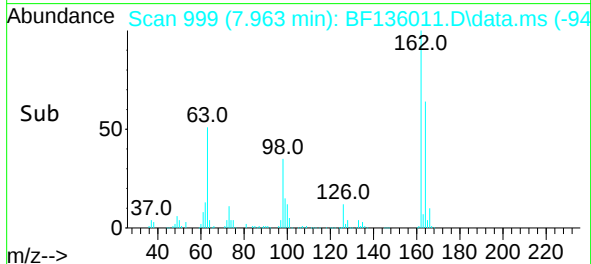
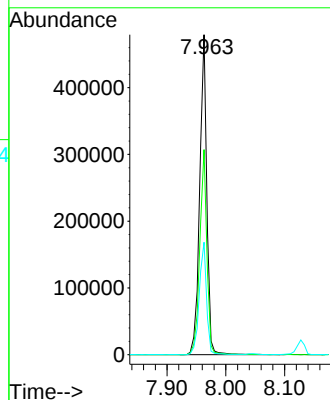
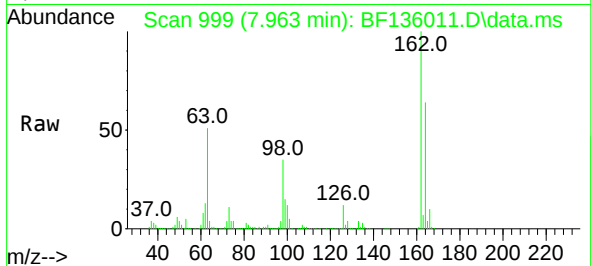
Tgt Ion:162 Resp: 403250
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.7 83.7
 98 35.2 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 56.349 ng

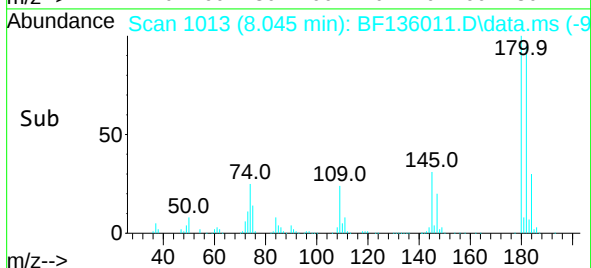
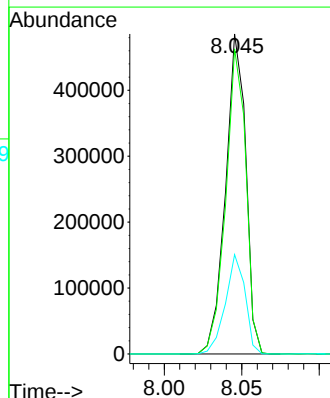
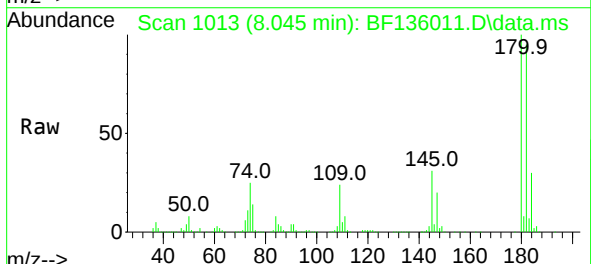
RT: 8.045 min Scan# 1013

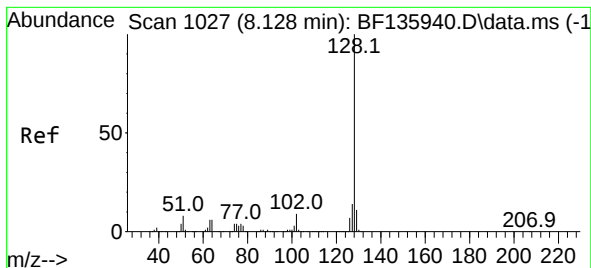
Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

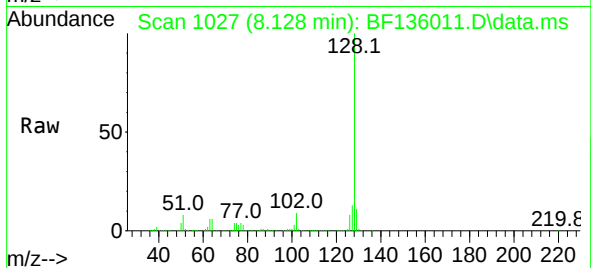
Tgt Ion:180 Resp: 441358
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.0 114.0
 145 31.1 24.6 36.8





#31
Naphthalene
Concen: 54.287 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

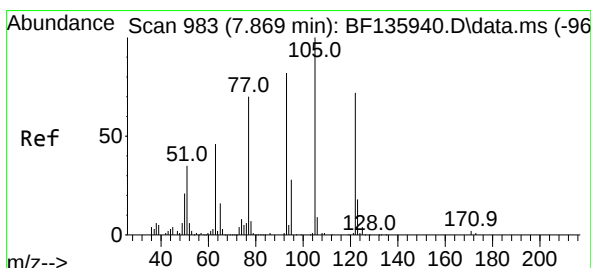
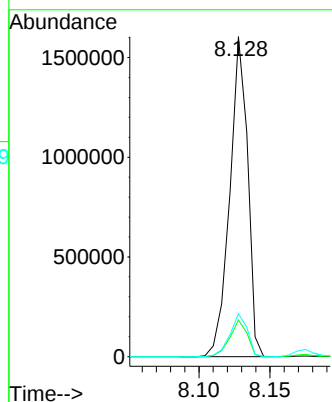
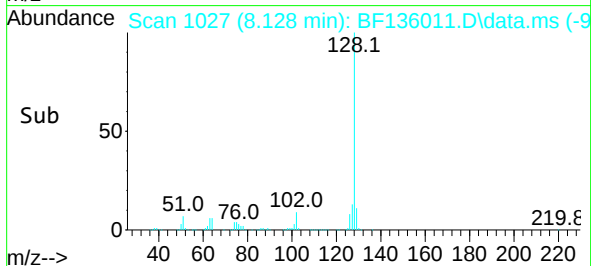
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:128 Resp: 1407450
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.5 10.9 16.3

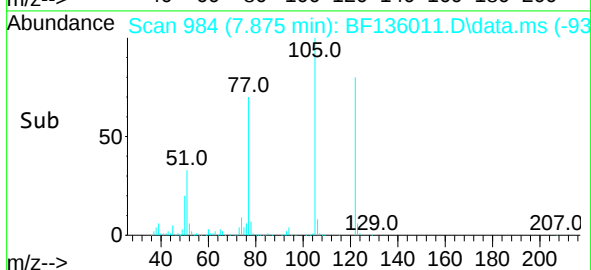
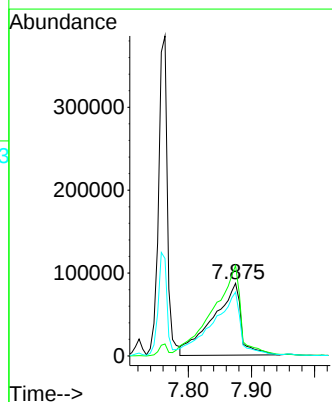
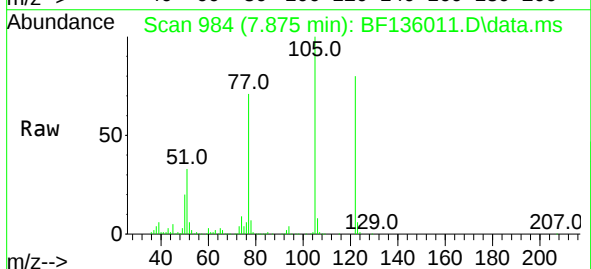
Manual Integrations
APPROVED

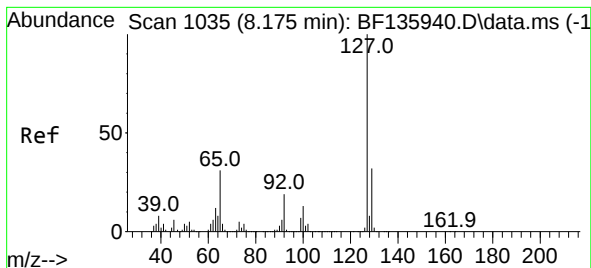
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#32
Benzoic acid
Concen: 61.778 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

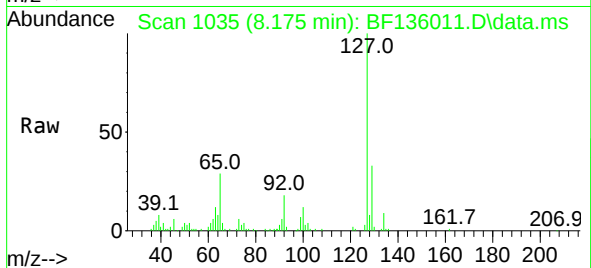
Tgt Ion:122 Resp: 270065
Ion Ratio Lower Upper
122 100
105 124.5 113.1 153.1
77 87.9 75.2 115.2





#33
4-Chloroaniline
Concen: 3.651 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

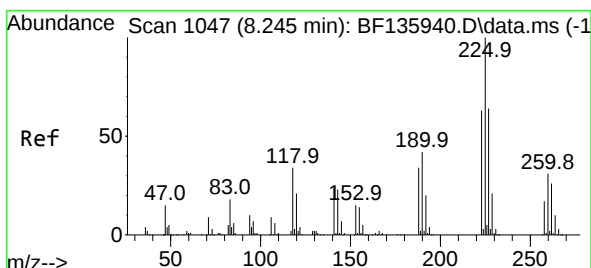
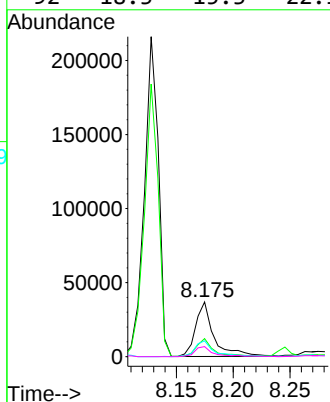
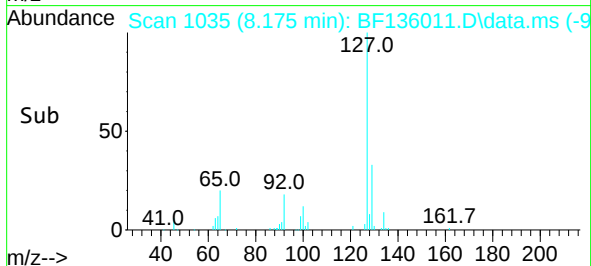
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



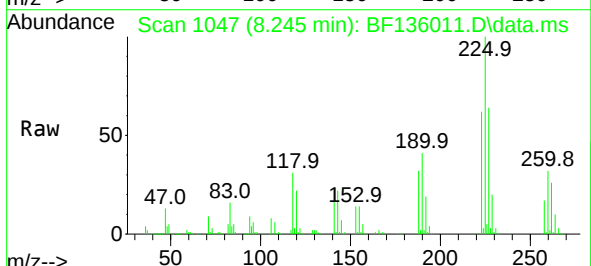
Tgt Ion:127 Resp: 41830
Ion Ratio Lower Upper
127 100
129 33.0 25.7 38.5
65 29.0 24.8 37.2
92 18.3 15.3 22.9

Manual Integrations
APPROVED

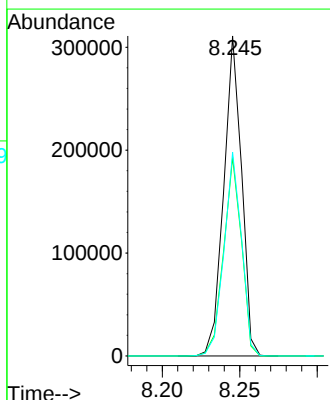
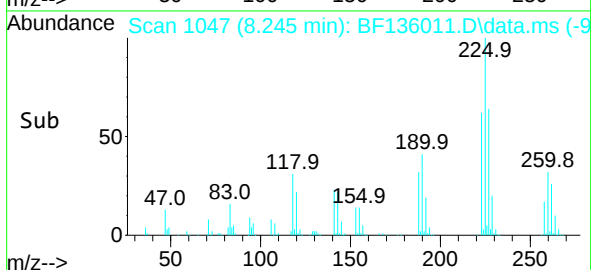
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

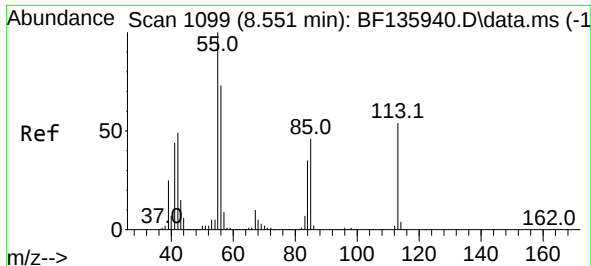


#34
Hexachlorobutadiene
Concen: 56.241 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



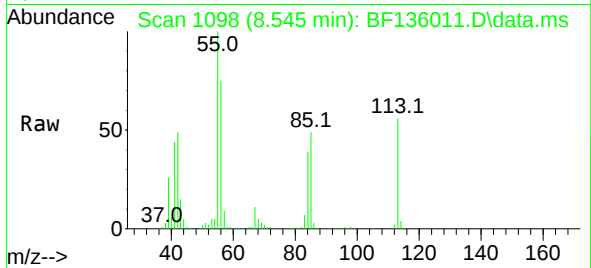
Tgt Ion:225 Resp: 248290
Ion Ratio Lower Upper
225 100
223 62.0 50.6 75.8
227 63.7 50.9 76.3





#35
Caprolactam
Concen: 50.101 ng m
RT: 8.545 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

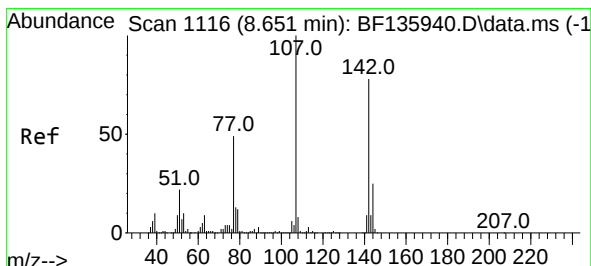
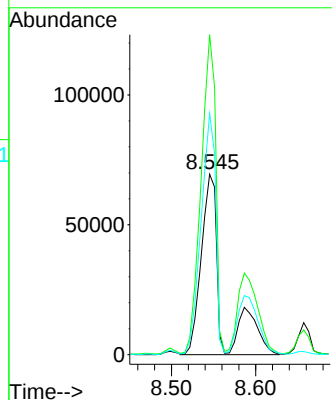
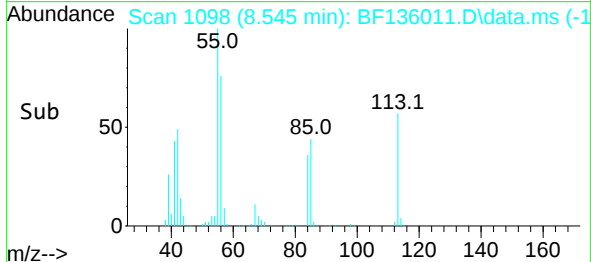
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:113 Resp: 11533
Ion Ratio Lower Upper
113 100
55 177.2 165.4 205.4
56 133.6 115.2 155.2

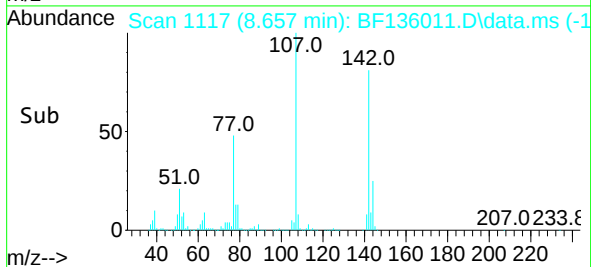
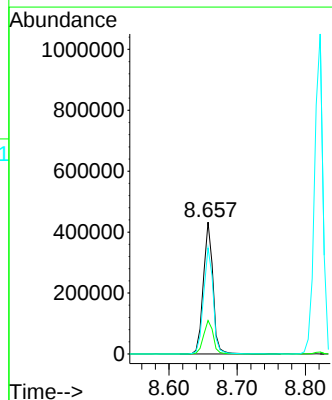
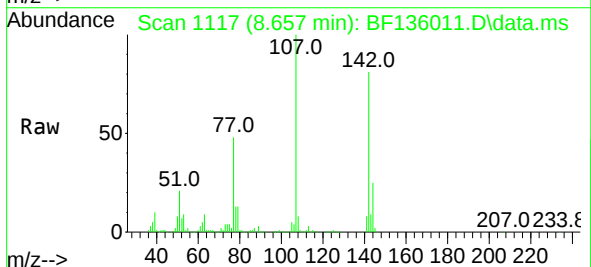
Manual Integrations
APPROVED

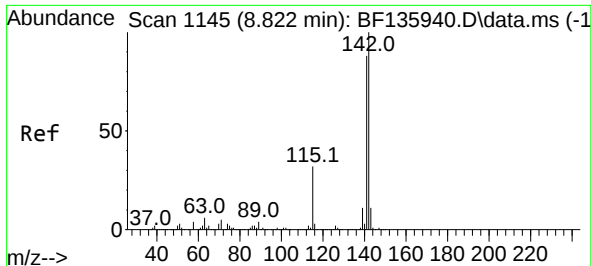
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#36
4-Chloro-3-methylphenol
Concen: 57.666 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Tgt Ion:107 Resp: 423930
Ion Ratio Lower Upper
107 100
144 25.4 19.9 29.9
142 80.5 62.8 94.2





#37
2-Methylnaphthalene
Concen: 51.657 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

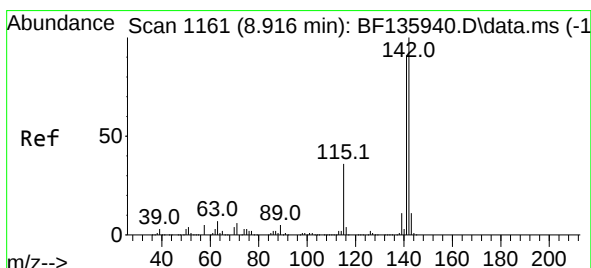
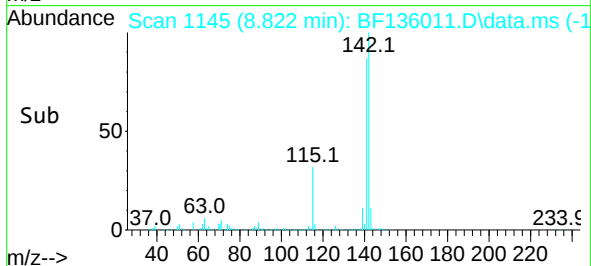
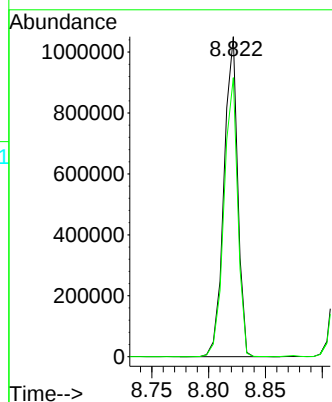
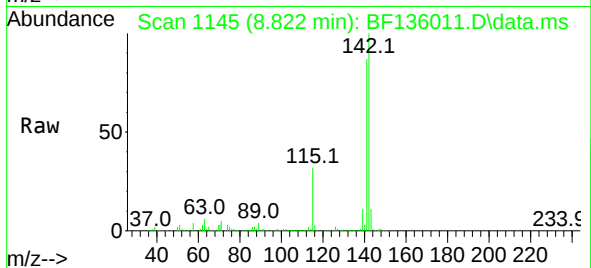
SU-622-VOC-04MS

Tgt Ion:142 Resp: 88610
Ion Ratio Lower Upper
142 100
141 87.2 70.4 105.6

Manual Integrations

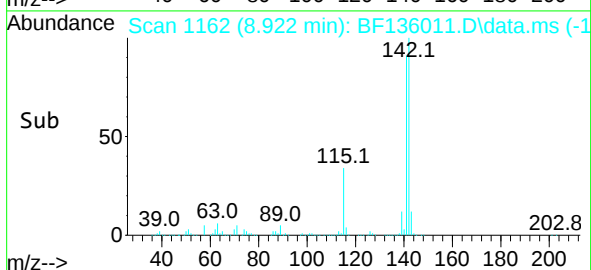
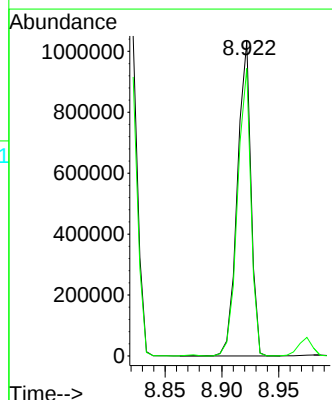
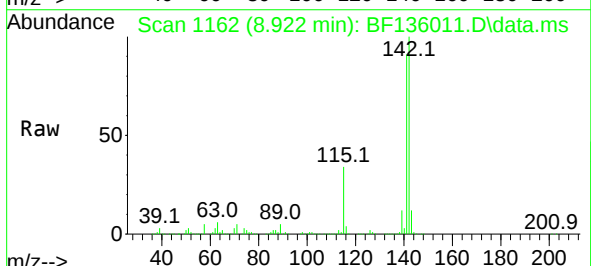
APPROVED

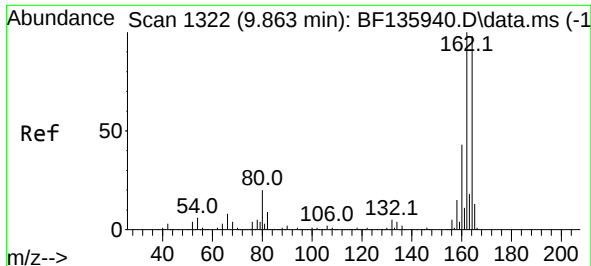
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#38
1-Methylnaphthalene
Concen: 53.378 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

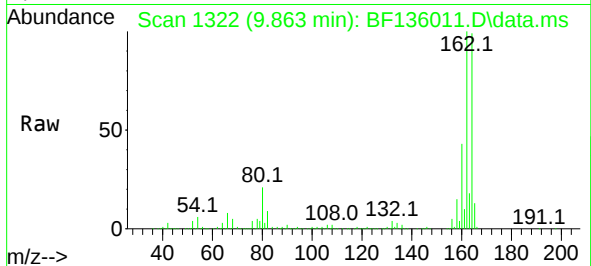
Tgt Ion:142 Resp: 855562
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

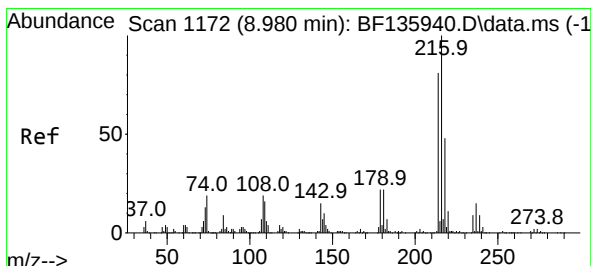
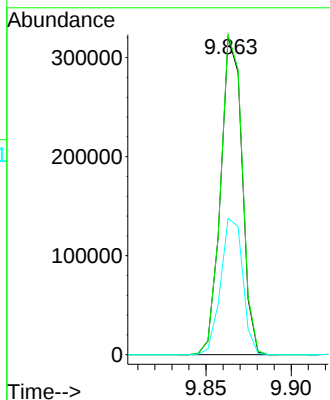
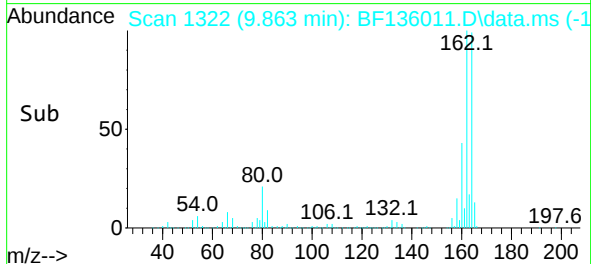
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



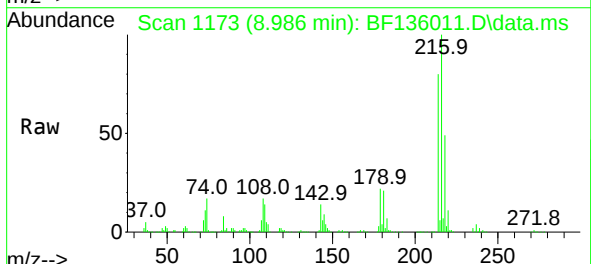
Tgt Ion:164 Resp: 281172
Ion Ratio Lower Upper
164 100
162 100.7 82.0 123.0
160 42.9 35.6 53.4

Manual Integrations
APPROVED

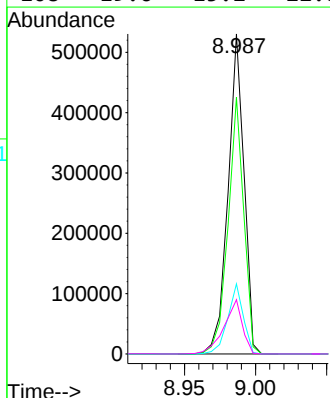
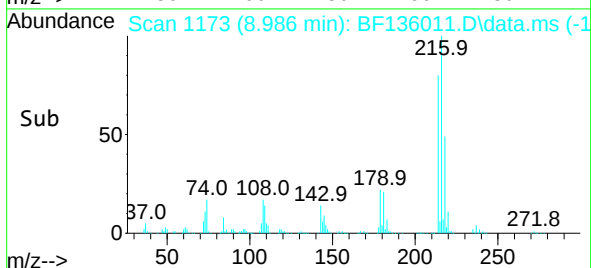
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

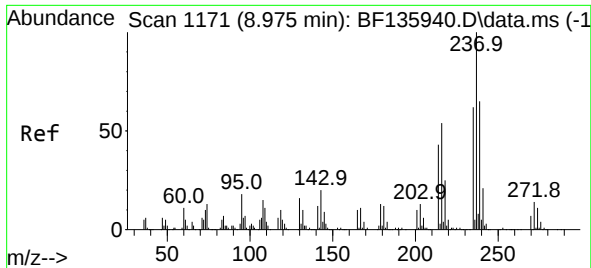


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.265 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



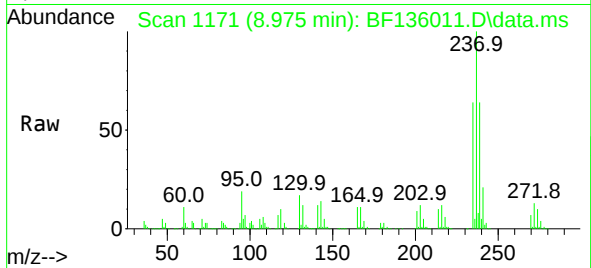
Tgt Ion:216 Resp: 415067
Ion Ratio Lower Upper
216 100
214 78.9 63.3 94.9
179 21.4 17.3 25.9
108 19.6 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 104.995 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

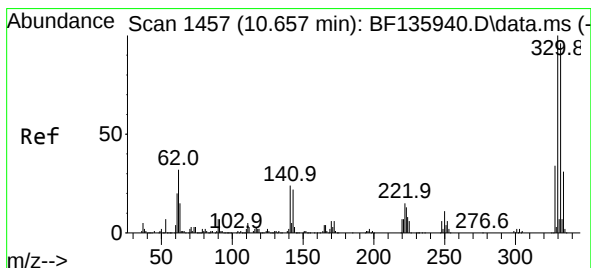
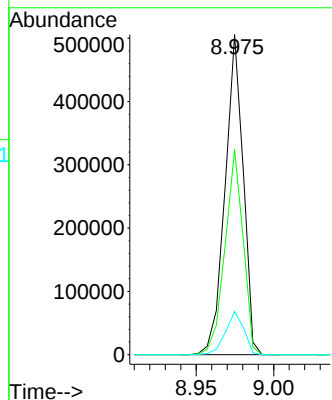
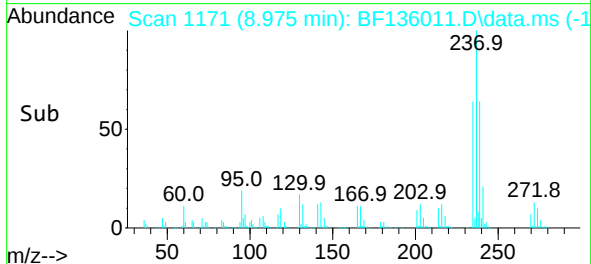
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



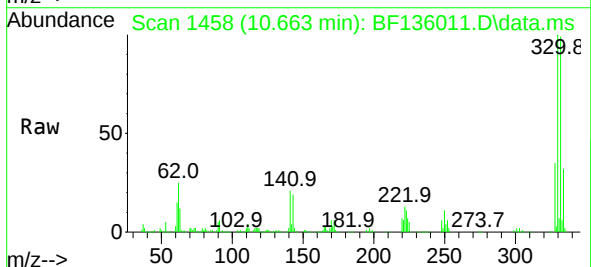
Tgt Ion: 237 Resp: 411149
Ion Ratio Lower Upper
237 100
235 64.1 41.7 81.7
272 13.5 0.0 33.6

Manual Integrations
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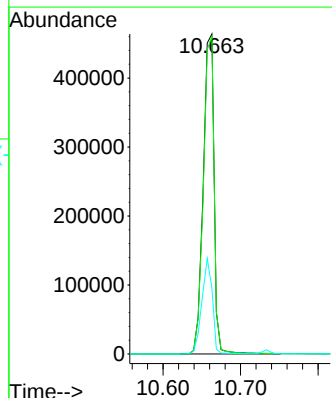
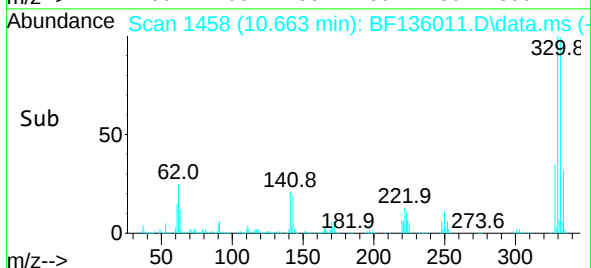
Reviewed By : Yogesh Patel 10/31/2023
Supervised By : mohammad ahmed 10/31/2023

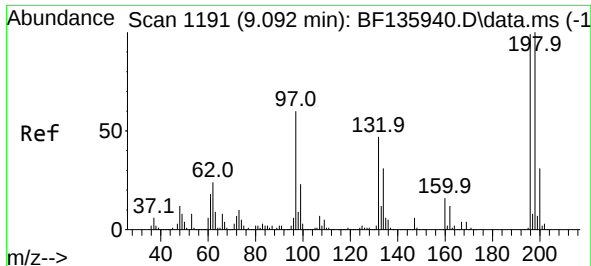


#42
2,4,6-Tribromophenol
Concen: 183.423 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



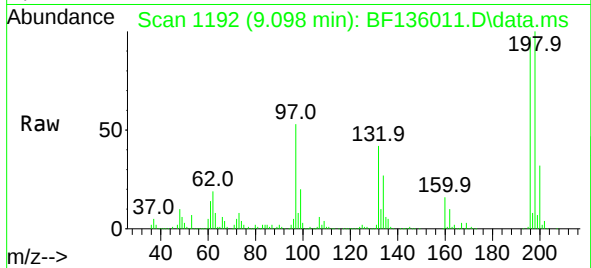
Tgt Ion: 330 Resp: 451429
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.2
141 28.8 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 60.085 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

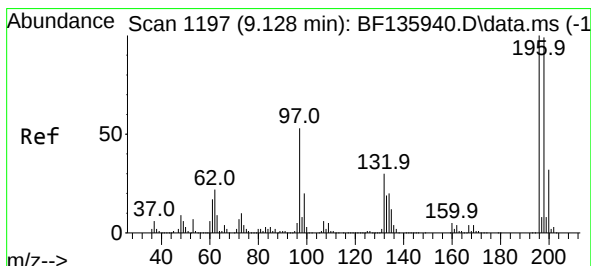
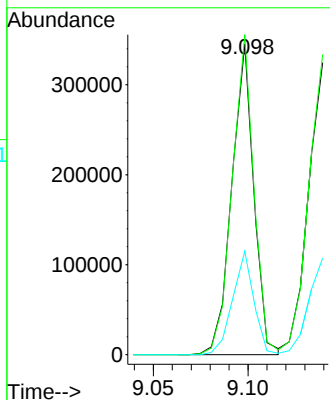
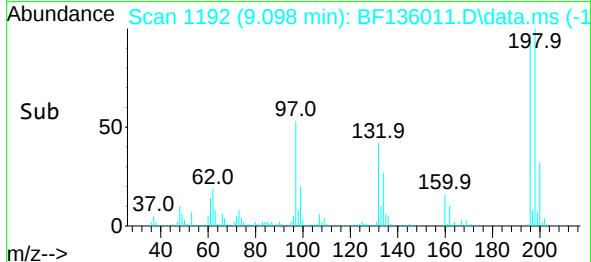
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



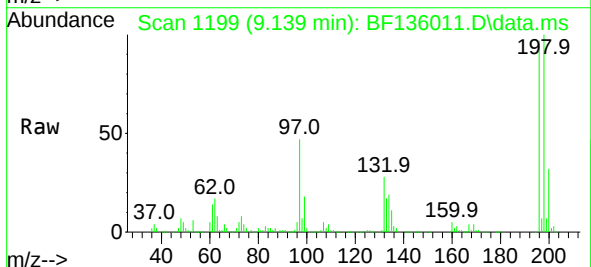
Tgt Ion:196 Resp: 27928
Ion Ratio Lower Upper
196 100
198 103.0 81.0 121.4
200 33.3 25.4 38.0

Manual Integrations
APPROVED

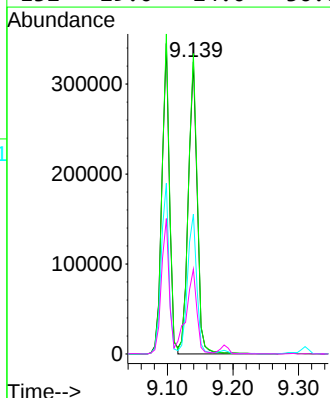
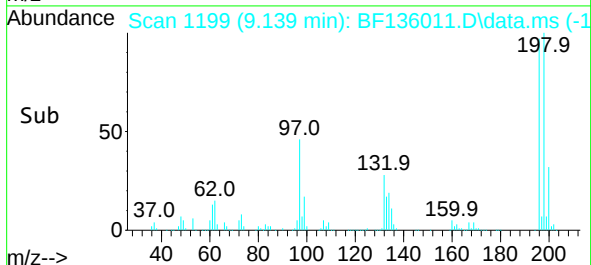
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

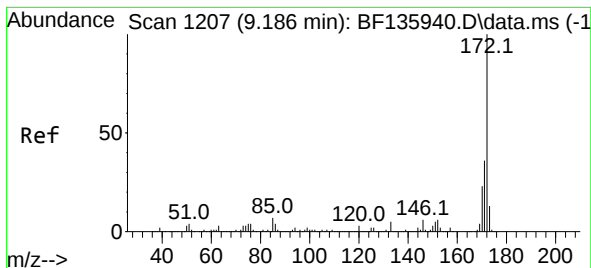


#44
2,4,5-Trichlorophenol
Concen: 55.811 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



Tgt Ion:196 Resp: 308010
Ion Ratio Lower Upper
196 100
198 102.8 79.1 118.7
97 47.9 42.3 63.5
132 29.0 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 96.380 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

Tgt Ion:172 Resp: 169242

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

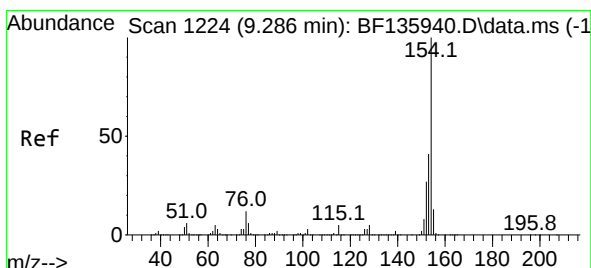
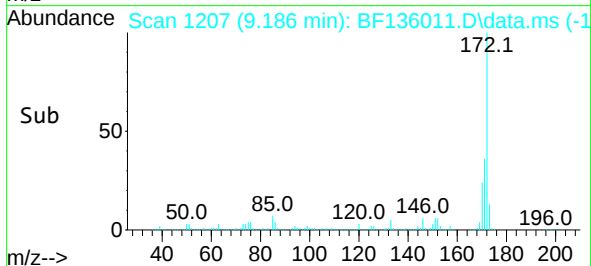
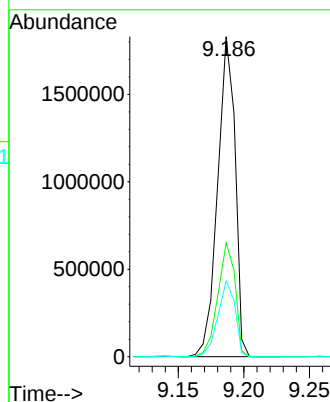
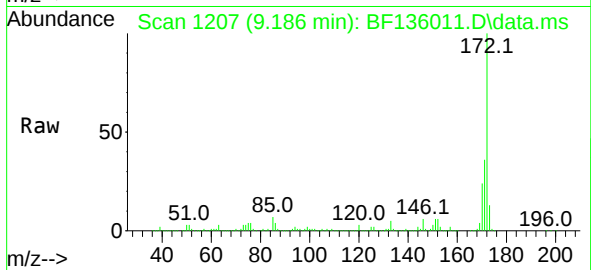
170 23.6 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#46

1,1'-Biphenyl

Concen: 53.062 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

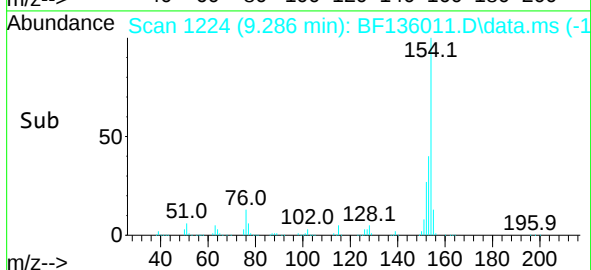
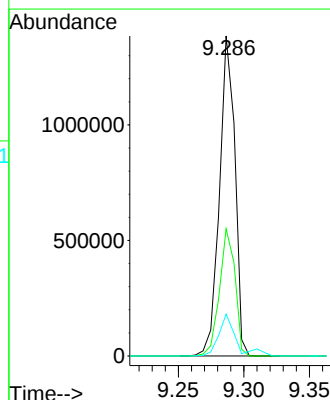
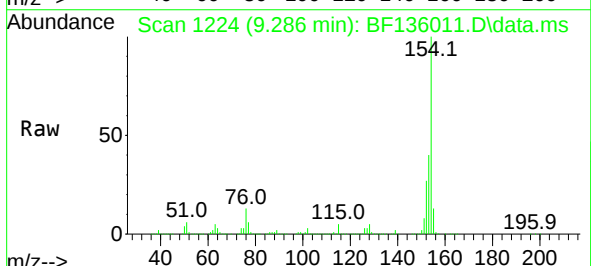
Tgt Ion:154 Resp: 1130525

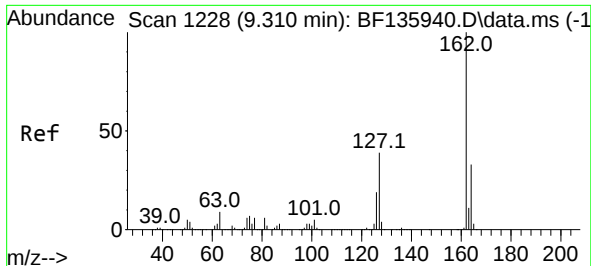
Ion Ratio Lower Upper

154 100

153 39.7 20.7 60.7

76 13.1 0.0 32.4





#47

2-Chloronaphthalene

Concen: 54.371 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF136011.D

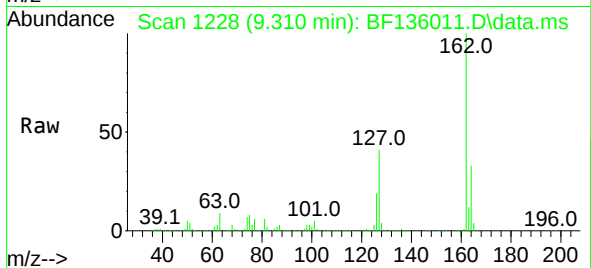
Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS



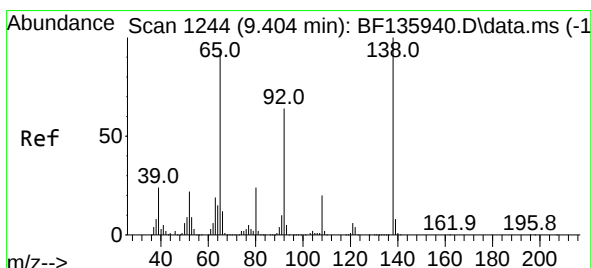
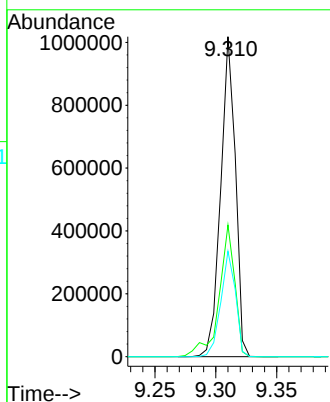
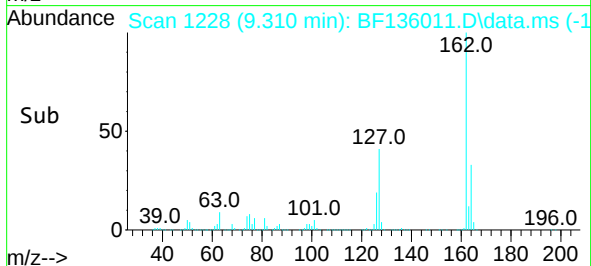
Tgt Ion:	162	Resp:	85682
Ion Ratio	Lower	Upper	
162	100		
127	41.1	31.0	46.4
164	32.9	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#48

2-Nitroaniline

Concen: 58.150 ng

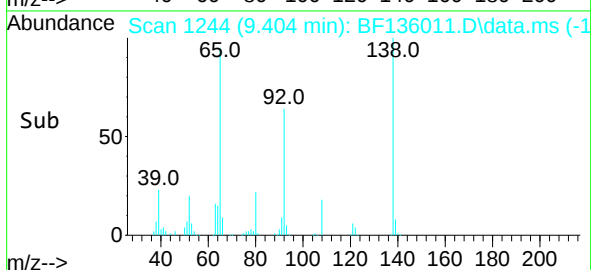
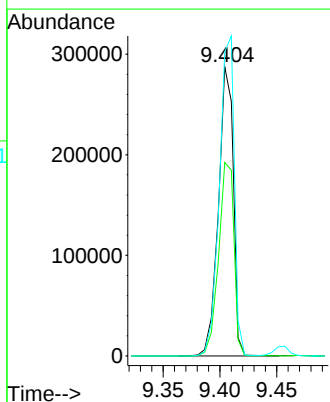
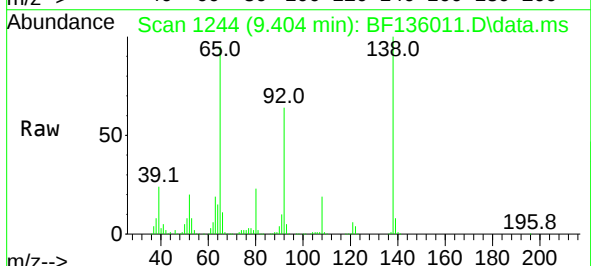
RT: 9.404 min Scan# 1244

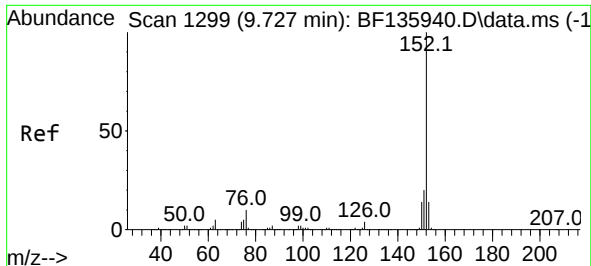
Delta R.T. 0.000 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

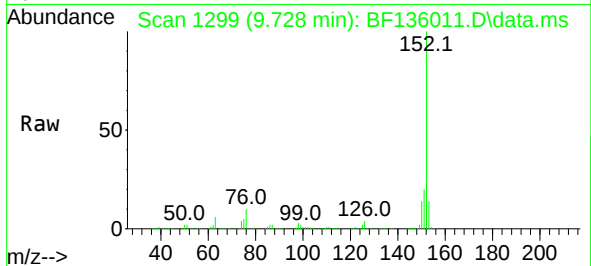
Tgt Ion:	65	Resp:	262609
Ion Ratio	Lower	Upper	
65	100		
92	67.0	54.9	82.3
138	105.2	85.2	127.8





#49
Acenaphthylene
Concen: 54.165 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

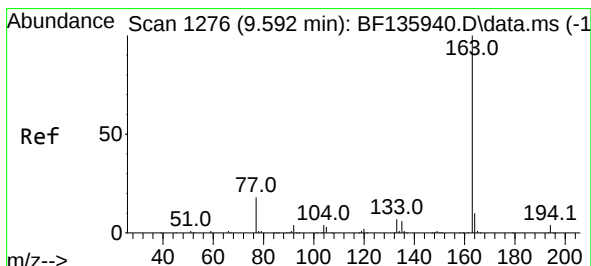
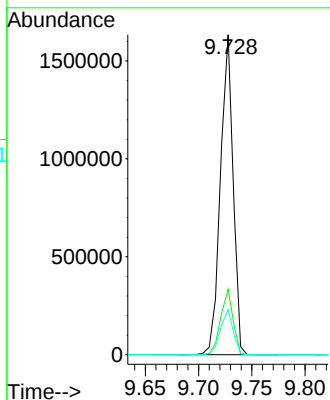
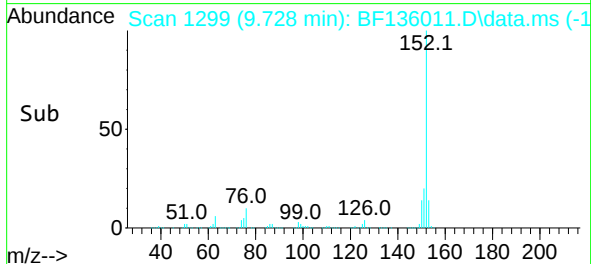
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



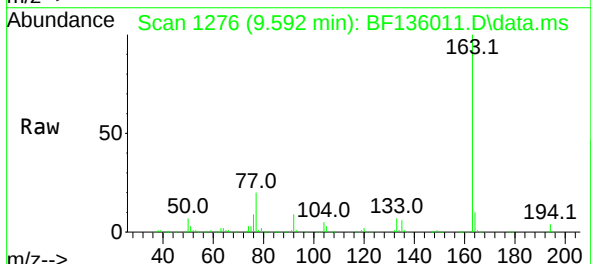
Tgt Ion:152 Resp: 1346610
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.1 11.0 16.6

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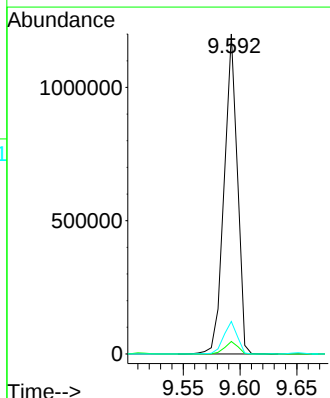
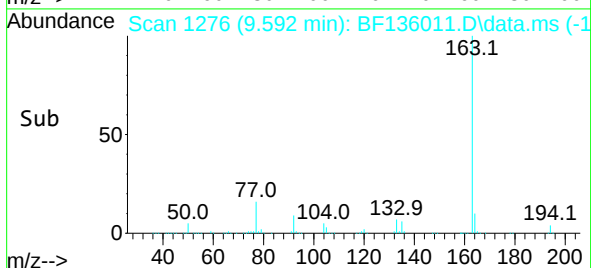
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

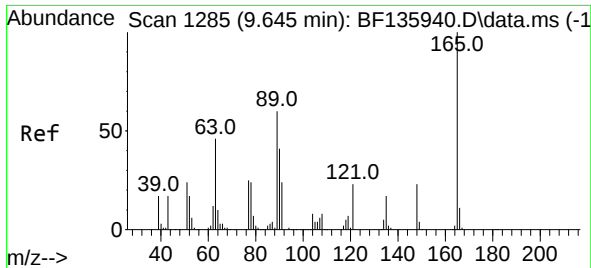


#50
Dimethylphthalate
Concen: 53.444 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



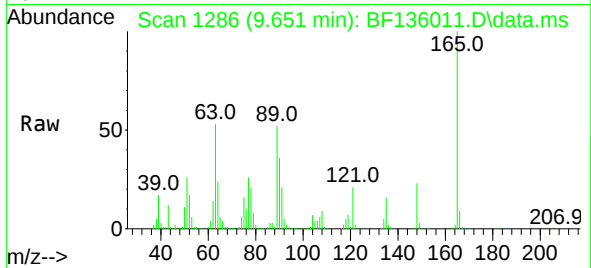
Tgt Ion:163 Resp: 974502
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 58.758 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

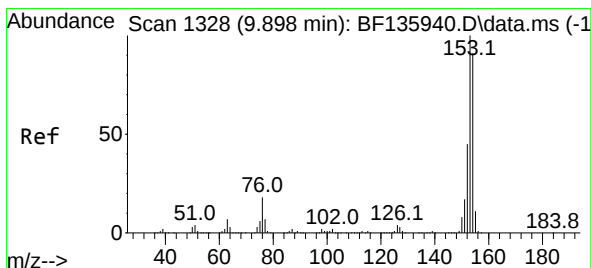
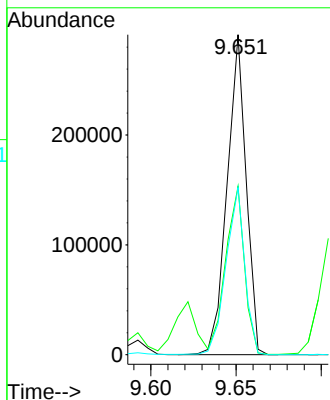
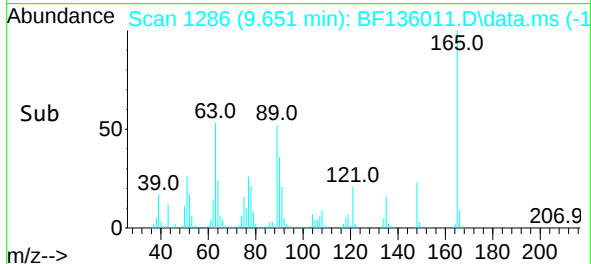
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:165 Resp: 226709
Ion Ratio Lower Upper
165 100
63 52.6 51.7 77.5
89 52.3 48.3 72.5

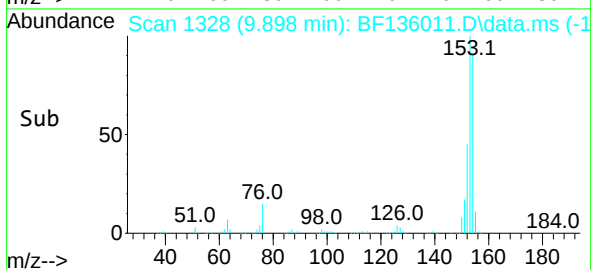
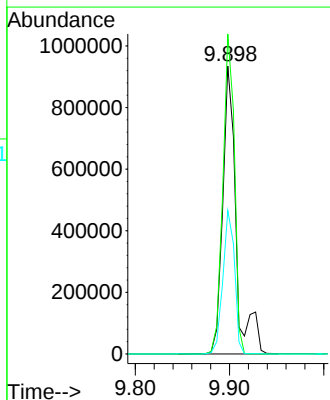
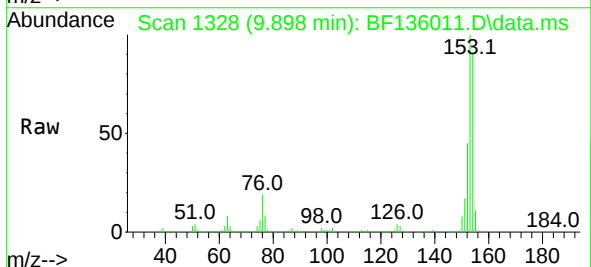
Manual Integrations
APPROVED

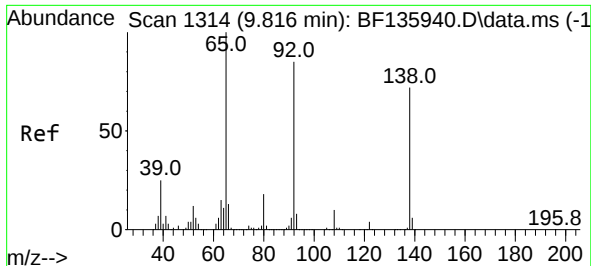
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#52
Acenaphthene
Concen: 57.751 ng m
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

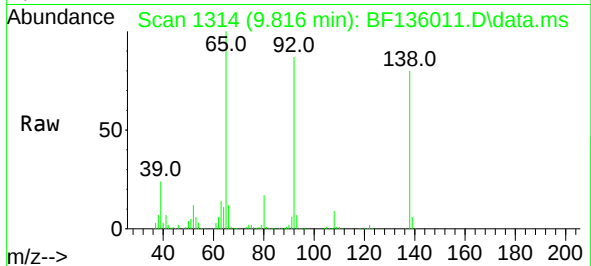
Tgt Ion:154 Resp: 920149
Ion Ratio Lower Upper
154 100
153 111.2 88.0 132.0
152 49.9 39.4 59.2





#53
3-Nitroaniline
Concen: 30.498 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

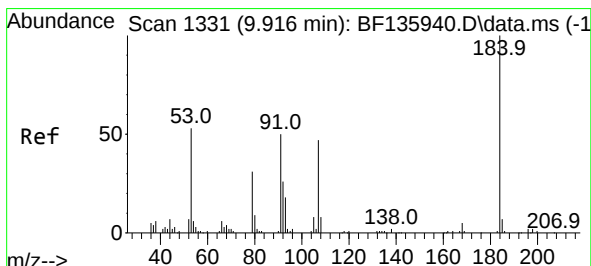
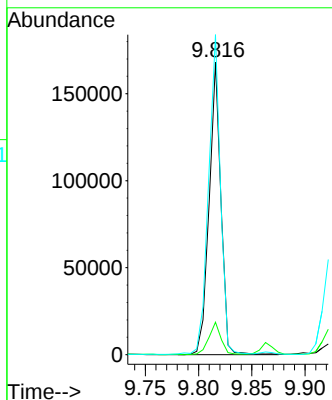
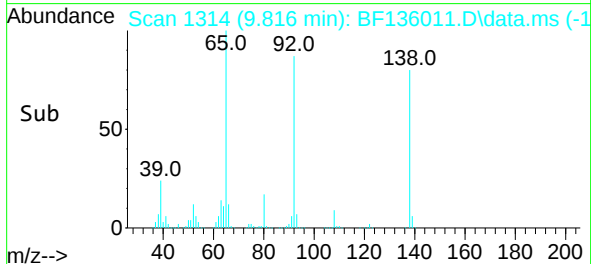
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:138 Resp: 12964
Ion Ratio Lower Upper
138 100
108 11.1 11.3 16.9
92 109.4 95.0 142.6

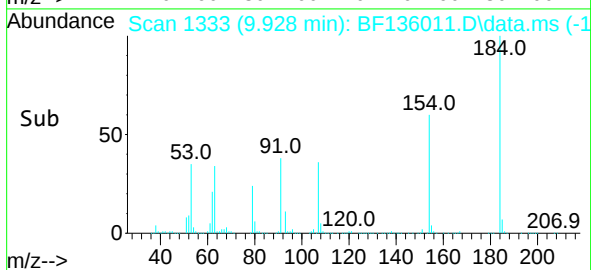
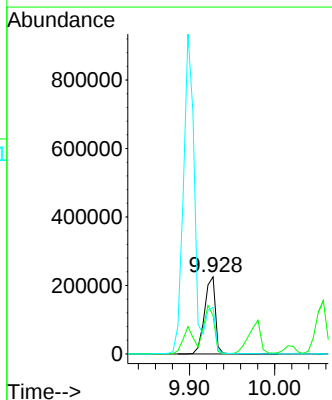
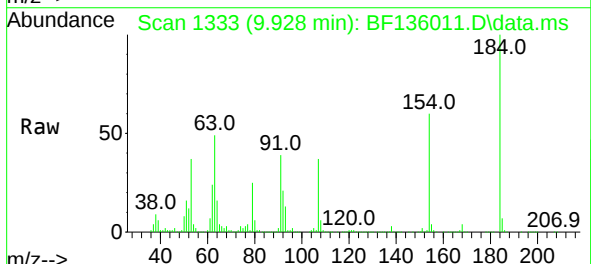
Manual Integrations
APPROVED

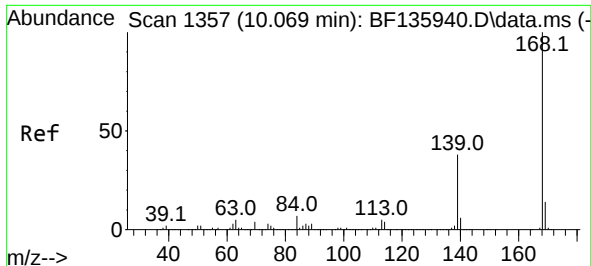
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#54
2,4-Dinitrophenol
Concen: 106.822 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

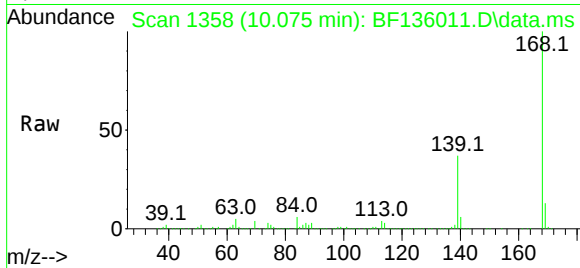
Tgt Ion:184 Resp: 198852
Ion Ratio Lower Upper
184 100
63 49.5 56.3 84.5
154 60.5 48.1 72.1





#55
Dibenzenofuran
Concen: 51.857 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

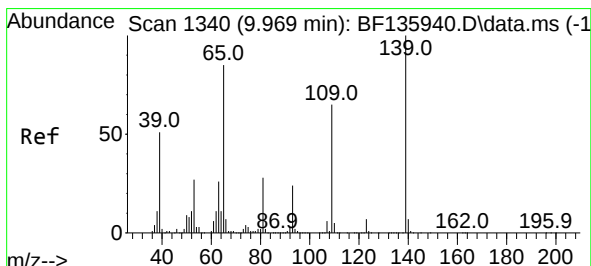
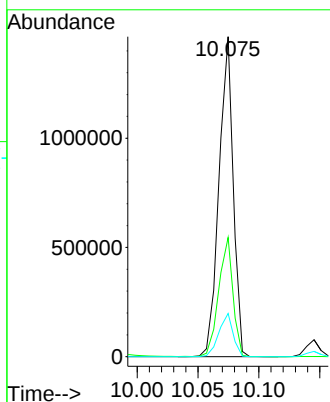
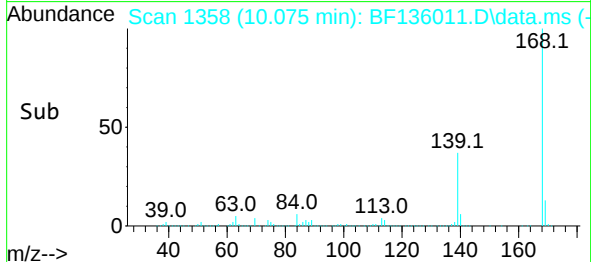
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:168 Resp: 1193614
Ion Ratio Lower Upper
168 100
139 37.2 30.7 46.1
169 13.5 11.1 16.7

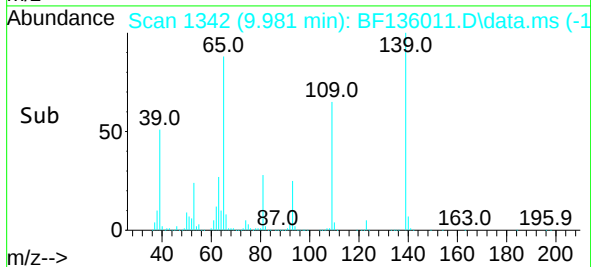
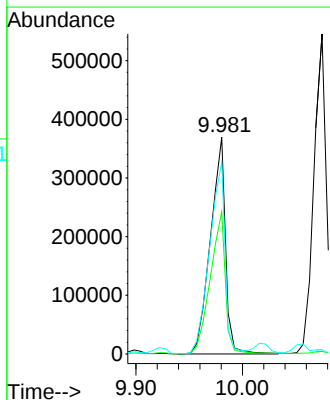
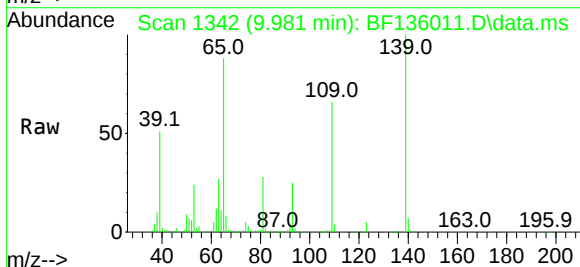
Manual Integrations
APPROVED

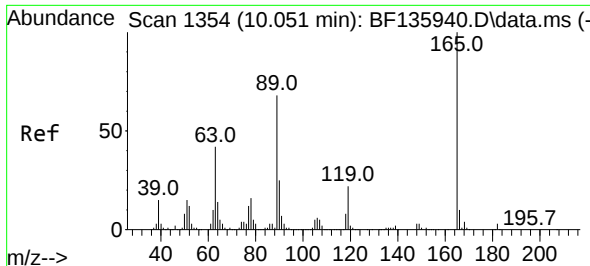
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#56
4-Nitrophenol
Concen: 97.038 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

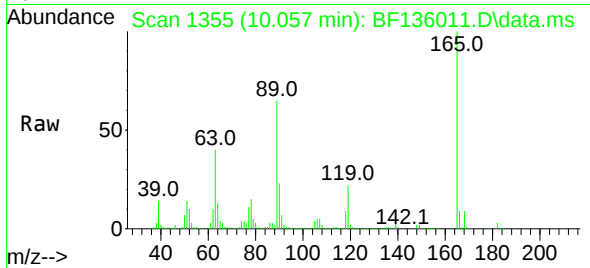
Tgt Ion:139 Resp: 362197
Ion Ratio Lower Upper
139 100
109 65.5 45.2 85.2
65 88.5 65.1 105.1





#57
2,4-Dinitrotoluene
Concen: 61.309 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

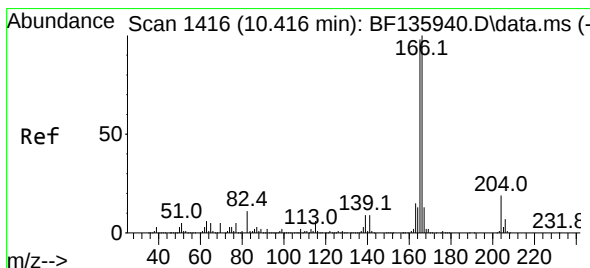
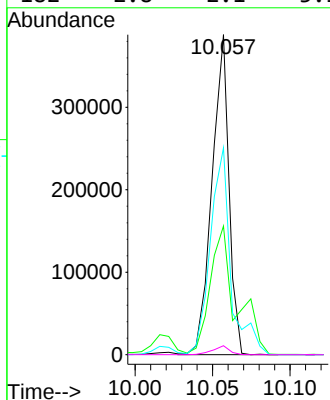
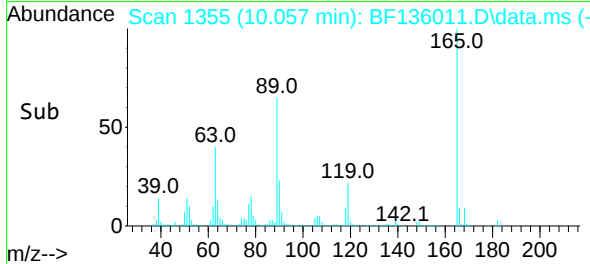
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:165 Resp: 295484
Ion Ratio Lower Upper
165 100
63 40.2 33.7 50.5
89 64.6 54.6 81.8
182 2.8 2.1 3.1

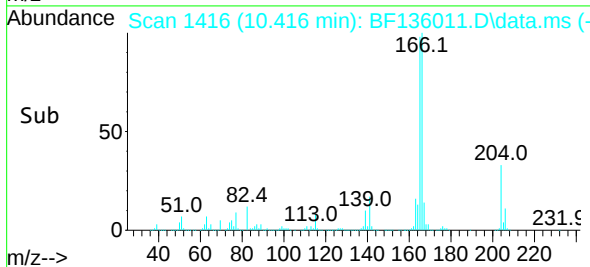
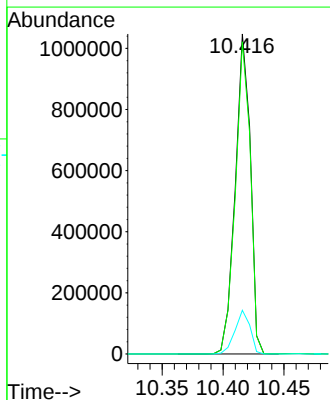
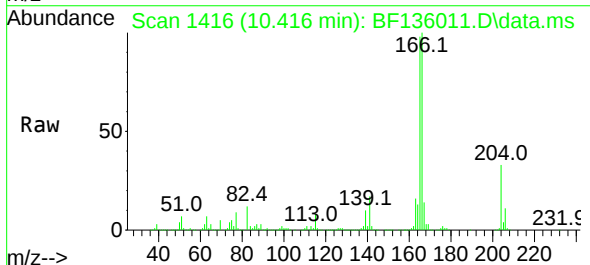
Manual Integrations
APPROVED

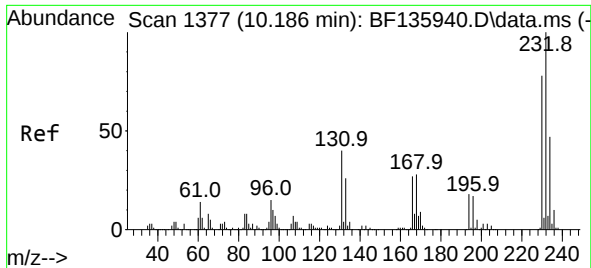
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#58
Fluorene
Concen: 52.270 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

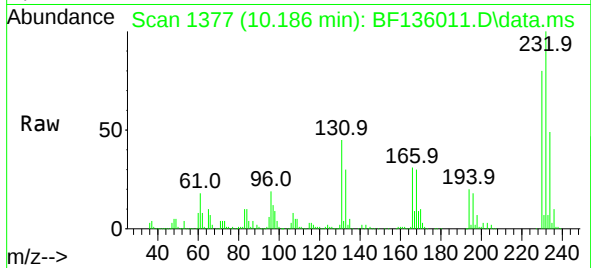
Tgt Ion:166 Resp: 900125
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 63.441 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

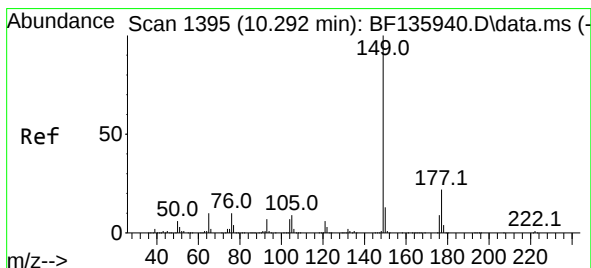
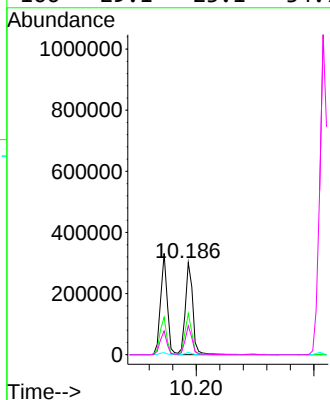
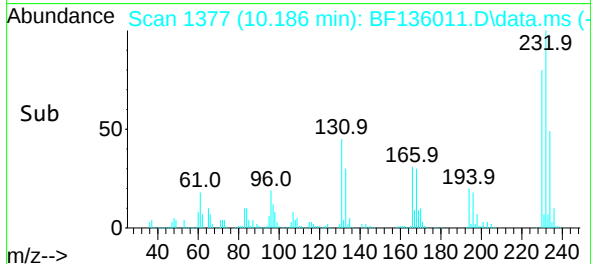
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:232 Resp: 263458
Ion Ratio Lower Upper
232 100
131 41.9 35.2 52.8
130 2.1 1.7 2.5
166 29.1 23.1 34.7

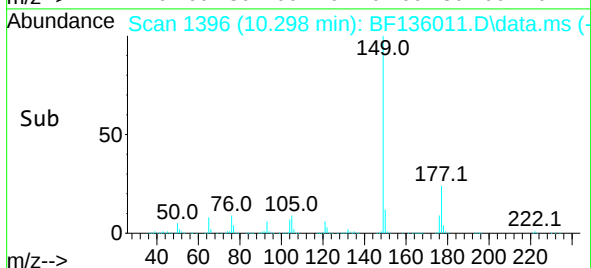
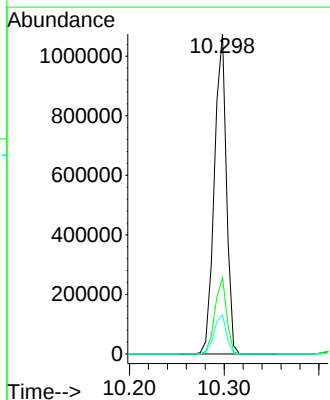
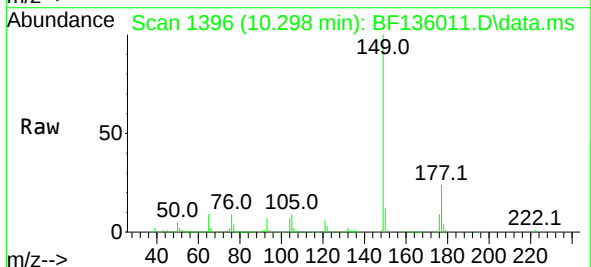
Manual Integrations
APPROVED

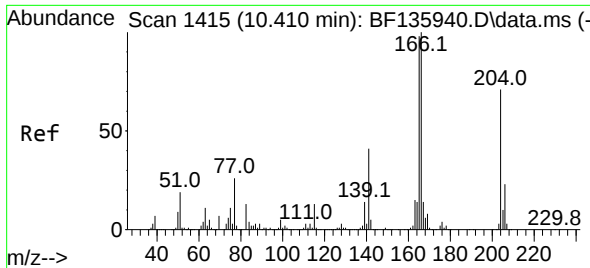
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#60
Diethylphthalate
Concen: 54.391 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

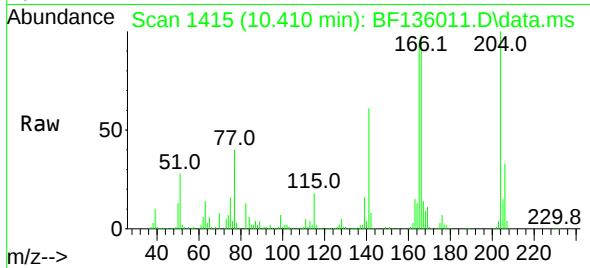
Tgt Ion:149 Resp: 945753
Ion Ratio Lower Upper
149 100
177 23.9 17.9 26.9
150 12.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 51.897 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

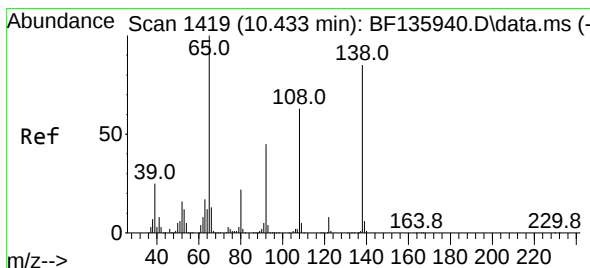
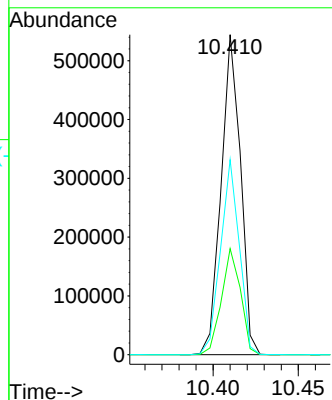
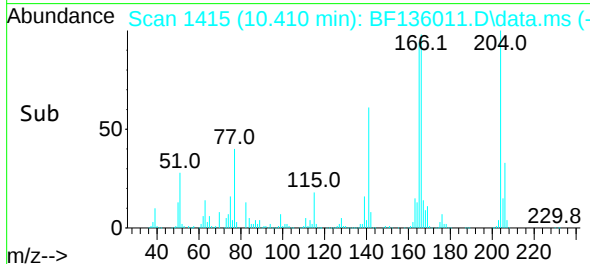
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



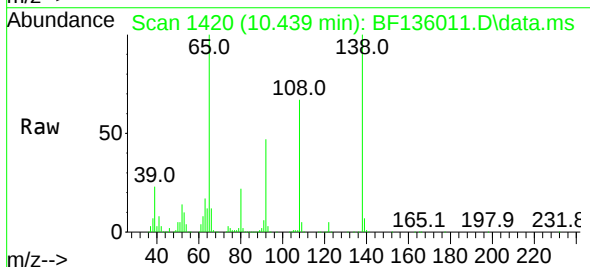
Tgt Ion:204 Resp: 43110
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 60.9 46.2 69.2

Manual Integrations
APPROVED

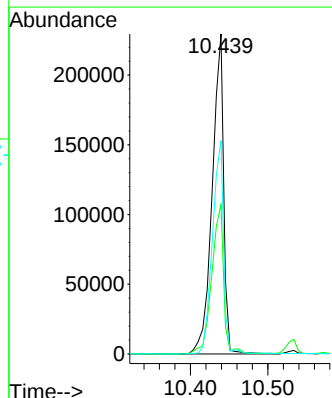
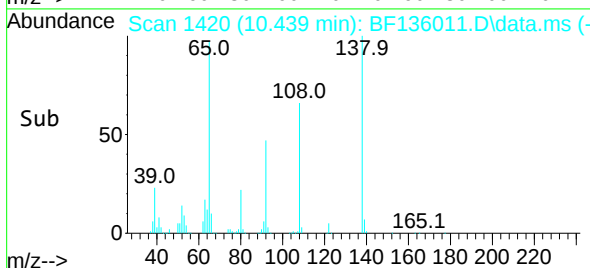
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

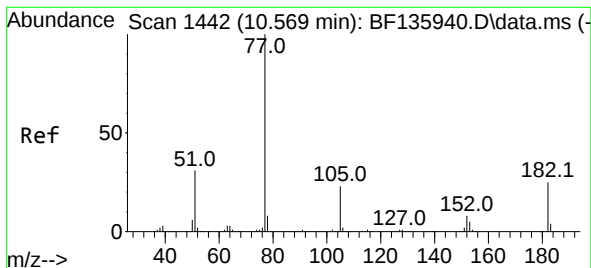


#62
4-Nitroaniline
Concen: 52.077 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



Tgt Ion:138 Resp: 235202
Ion Ratio Lower Upper
138 100
92 46.7 32.9 72.9
108 66.6 53.5 93.5





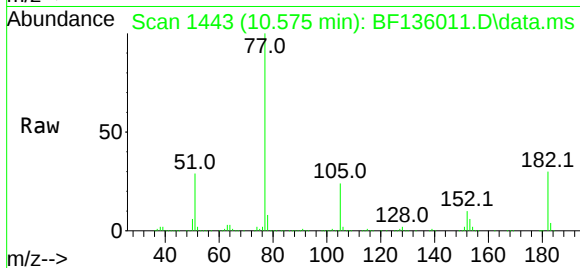
#63
Azobenzene
Concen: 50.896 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

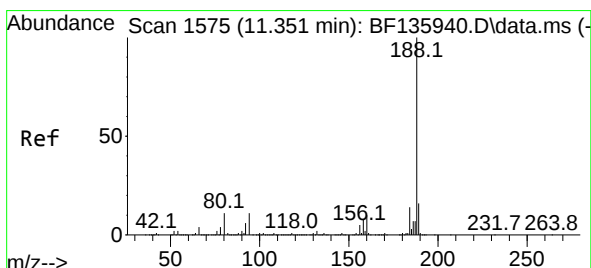
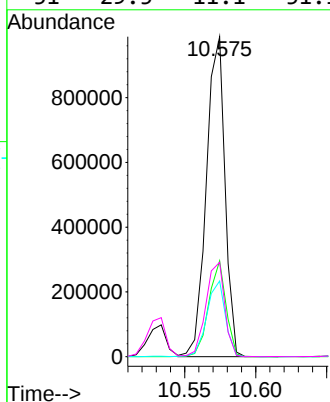
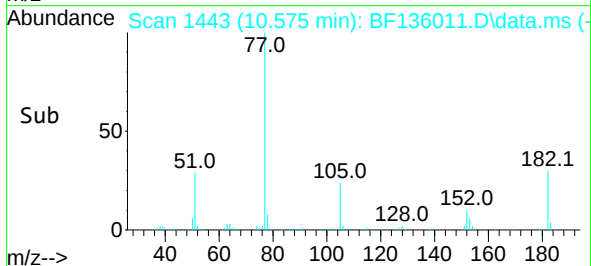


Tgt Ion: 77 Resp: 89809
Ion Ratio Lower Upper
77 100
182 29.9 5.1 45.1
105 23.7 2.8 42.8
51 29.5 11.1 51.1

Manual Integrations

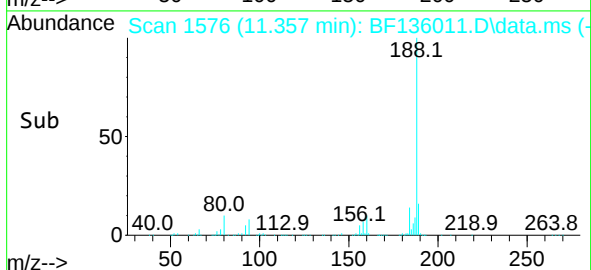
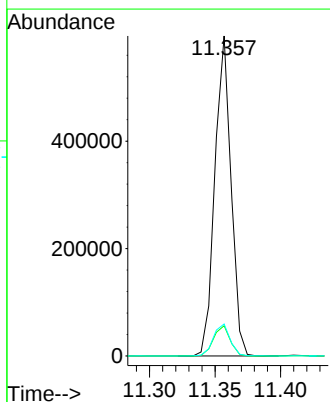
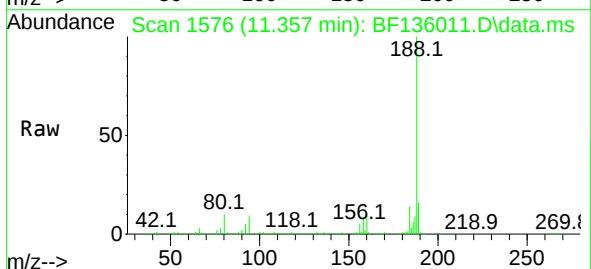
APPROVED

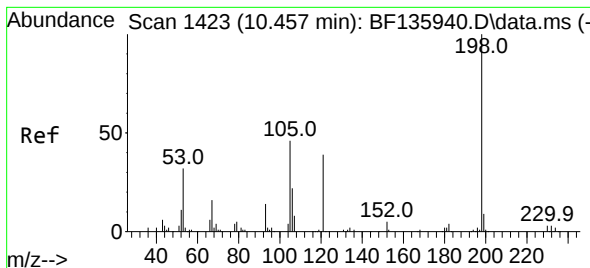
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

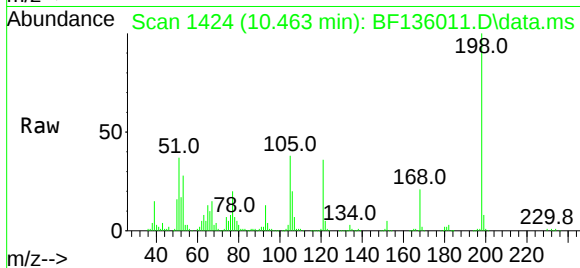
Tgt Ion:188 Resp: 510515
Ion Ratio Lower Upper
188 100
94 9.4 8.6 13.0
80 10.0 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 67.494 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

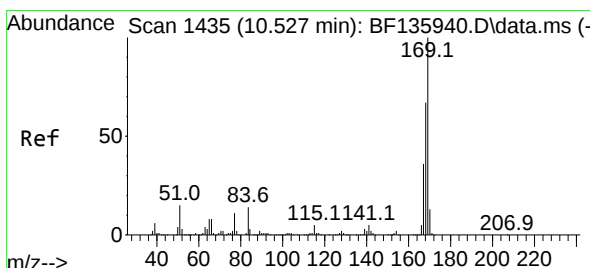
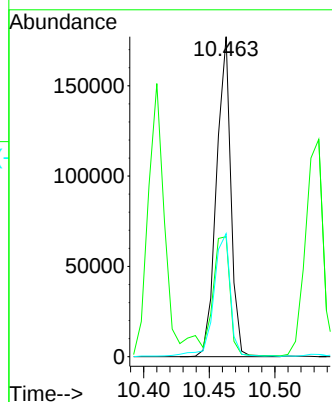
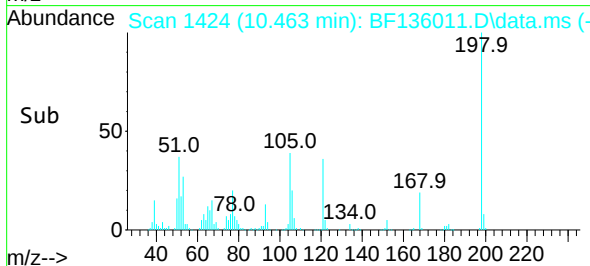
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



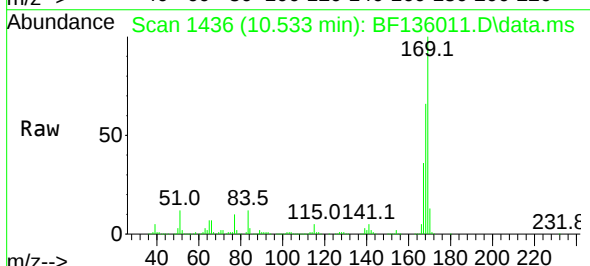
Tgt Ion:198 Resp: 134979
Ion Ratio Lower Upper
198 100
51 37.5 28.7 68.7
105 38.5 27.2 67.2

Manual Integrations
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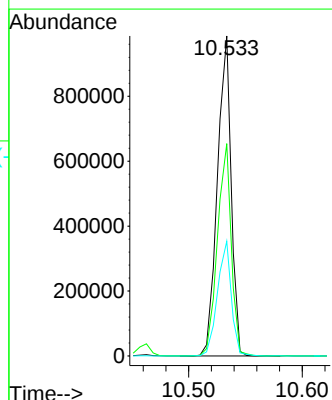
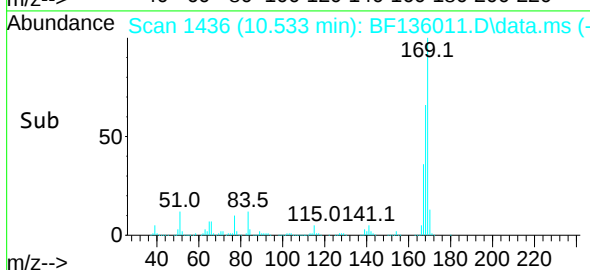
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

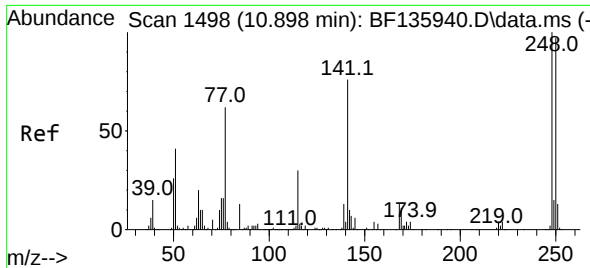


#66
n-Nitrosodiphenylamine
Concen: 53.959 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



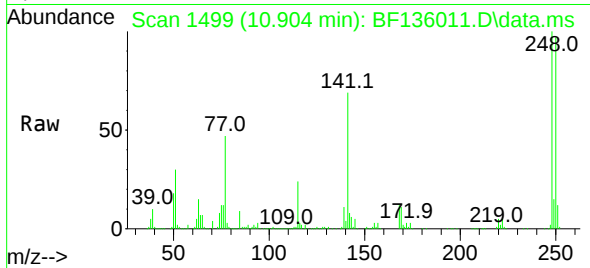
Tgt Ion:169 Resp: 832196
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 35.9 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 55.003 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

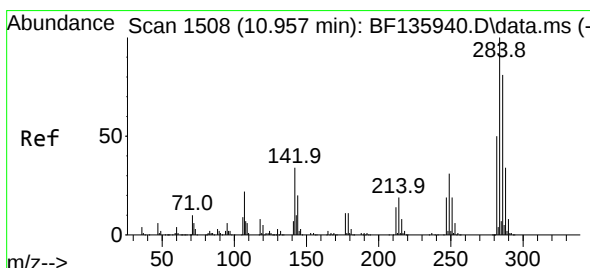
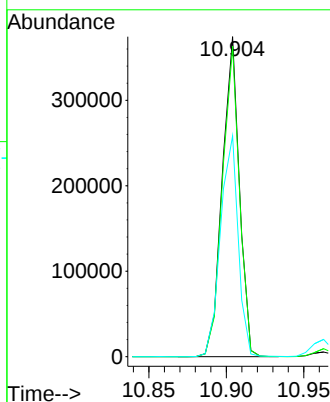
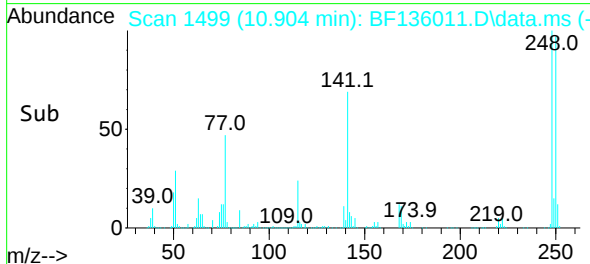
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



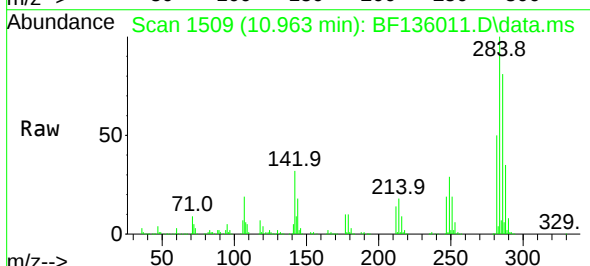
Tgt Ion:248 Resp: 287569
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 69.0 60.8 91.2

Manual Integrations
APPROVED

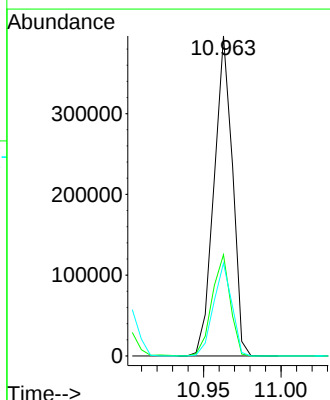
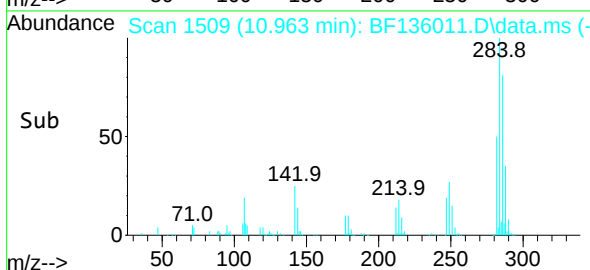
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

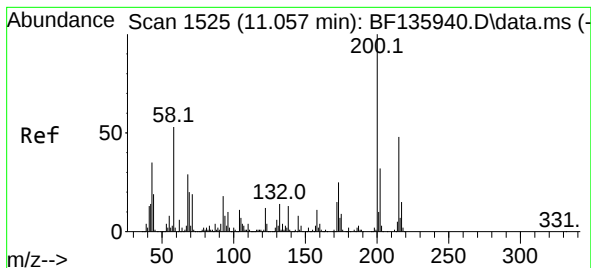


#68
Hexachlorobenzene
Concen: 58.510 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



Tgt Ion:284 Resp: 326778
Ion Ratio Lower Upper
284 100
142 31.6 27.6 41.4
249 29.0 24.7 37.1





#69

Atrazine

Concen: 69.315 ng

RT: 11.063 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF136011.D

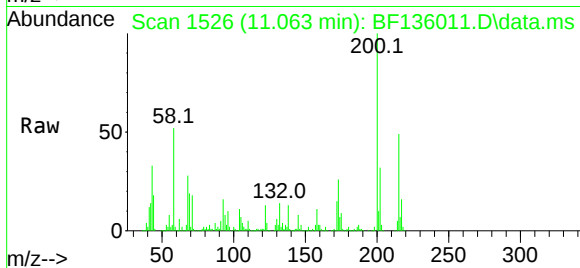
Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS



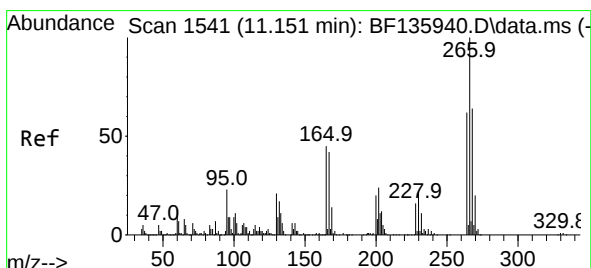
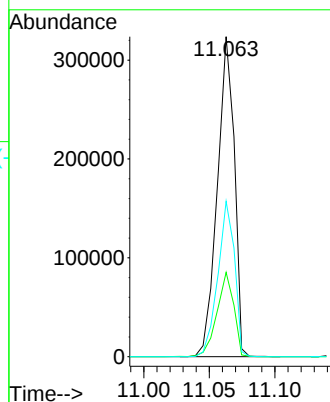
Tgt Ion:	200	Resp:	29142
Ion Ratio	Lower	Upper	
200	100		
173	26.4	5.5	45.5
215	48.6	27.5	67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#70

Pentachlorophenol

Concen: 104.615 ng

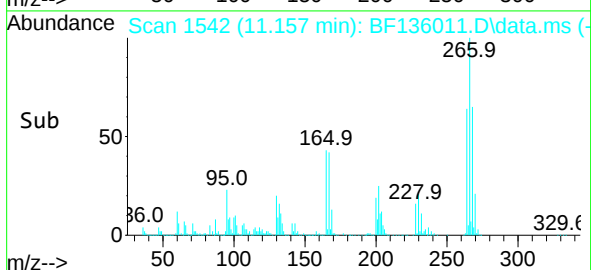
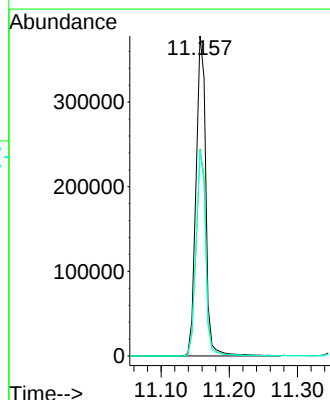
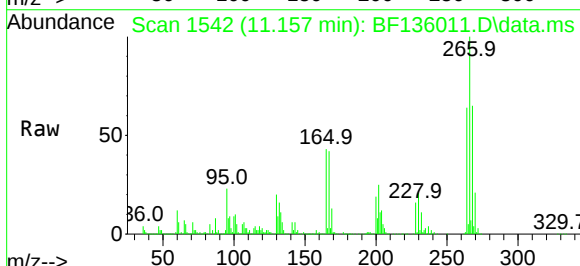
RT: 11.157 min Scan# 1542

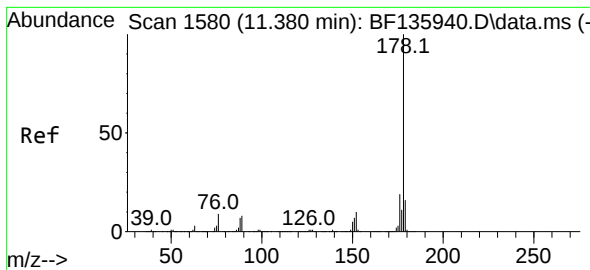
Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

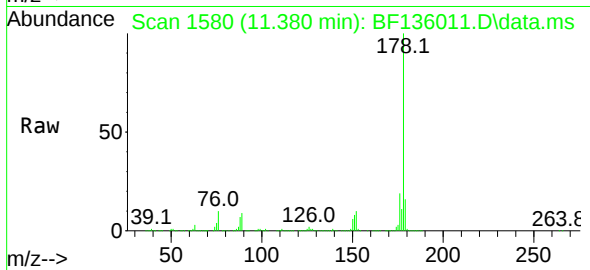
Tgt Ion:	266	Resp:	375306
Ion Ratio	Lower	Upper	
266	100		
268	64.6	50.8	76.2
264	64.2	49.8	74.6





#71
Phenanthrene
Concen: 53.675 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

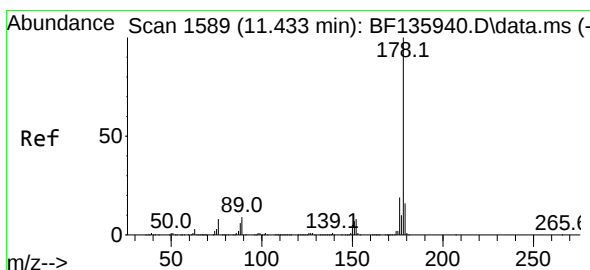
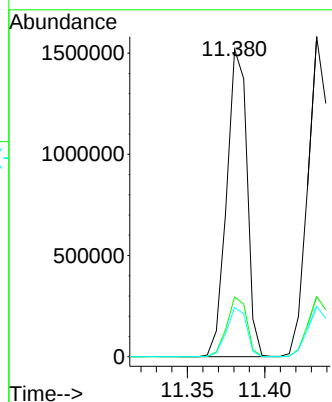
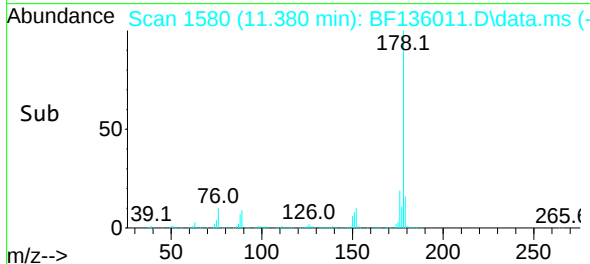
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



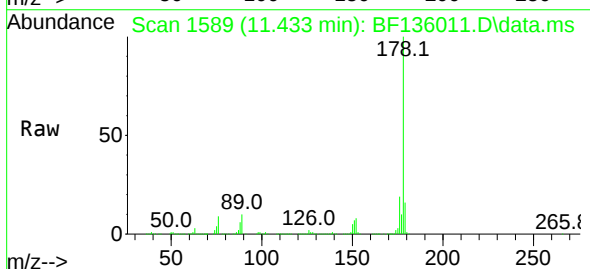
Tgt Ion:178 Resp: 1386329
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.0 12.5 18.7

Manual Integrations
APPROVED

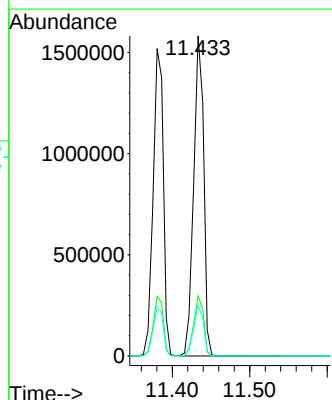
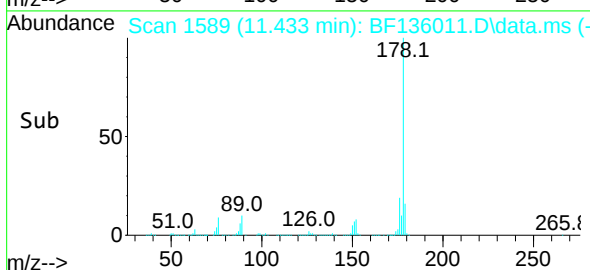
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

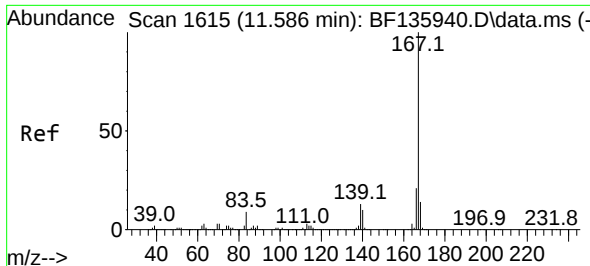


#72
Anthracene
Concen: 53.783 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



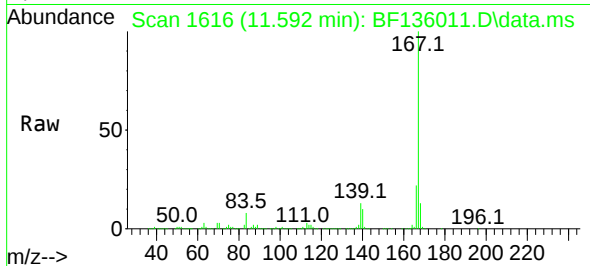
Tgt Ion:178 Resp: 1422357
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.7 12.5 18.7





#73
Carbazole
Concen: 52.994 ng
RT: 11.592 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

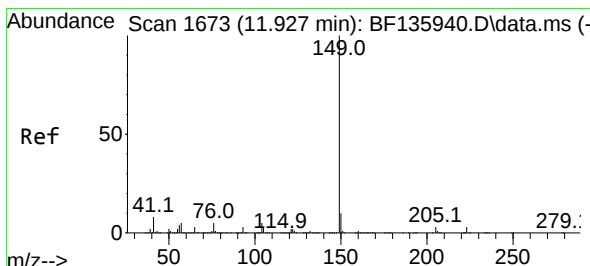
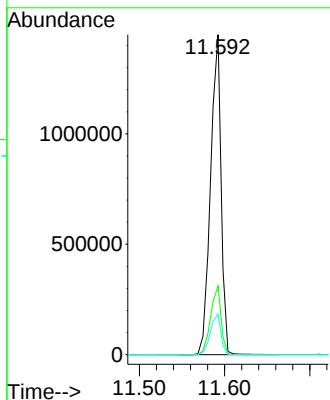
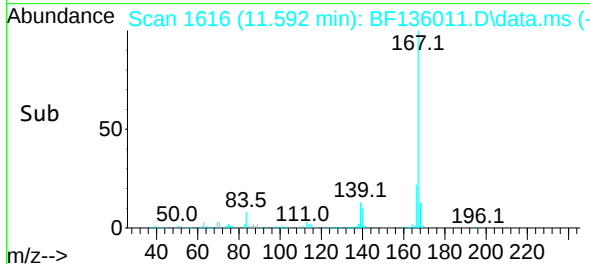
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



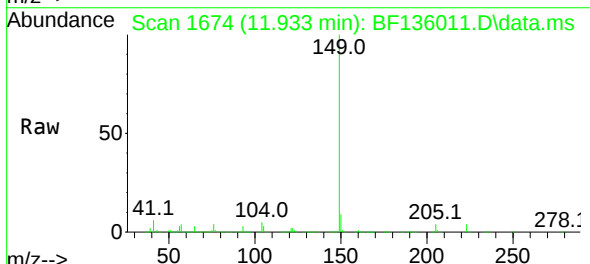
Tgt Ion:167 Resp: 125020
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 12.6 10.4 15.6

Manual Integrations
APPROVED

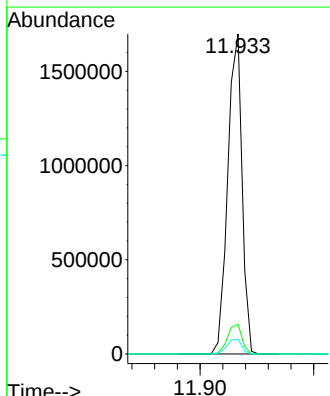
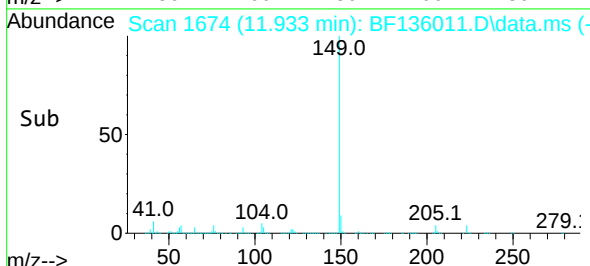
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

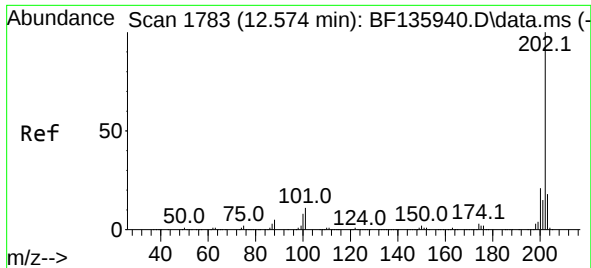


#74
Di-n-butylphthalate
Concen: 59.087 ng
RT: 11.933 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



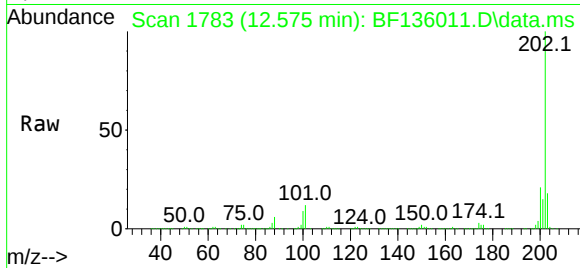
Tgt Ion:149 Resp: 1483318
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.6 3.9 5.9





#75
Fluoranthene
Concen: 50.614 ng
RT: 12.575 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

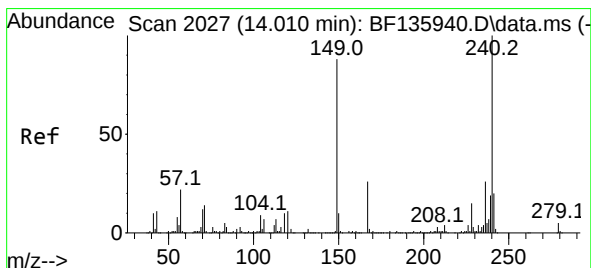
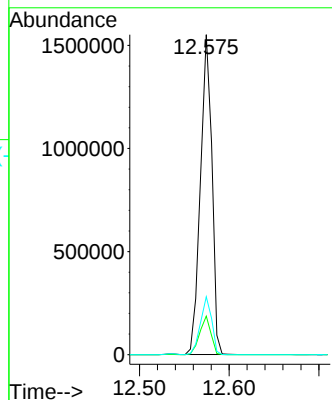
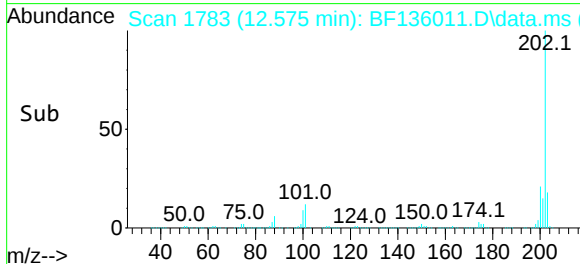
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:202 Resp: 1375318
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.6
203 18.1 0.0 37.5

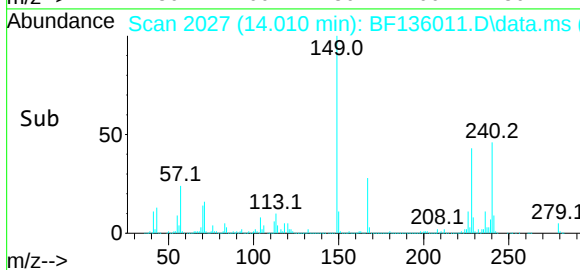
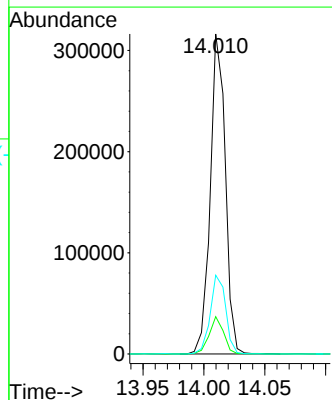
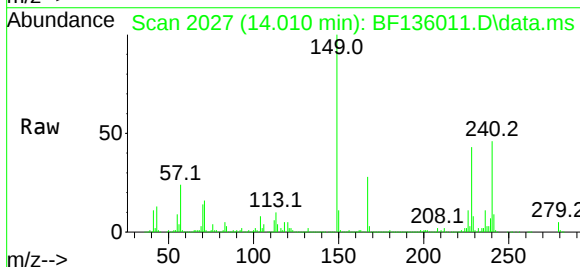
Manual Integrations
APPROVED

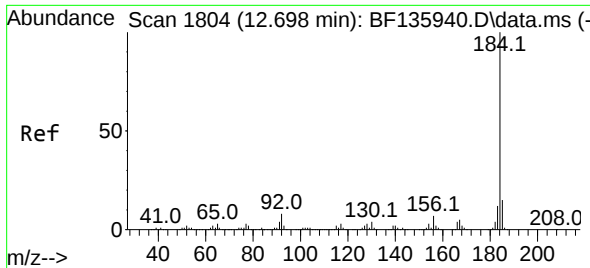
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

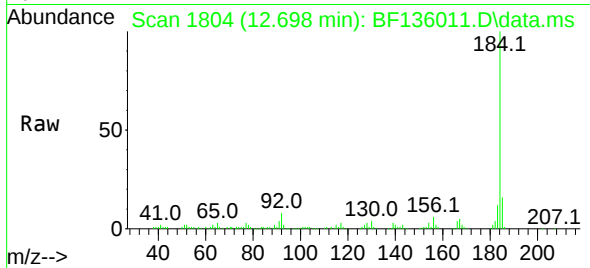
Tgt Ion:240 Resp: 271627
Ion Ratio Lower Upper
240 100
120 11.6 8.6 13.0
236 24.6 20.6 30.8





#77
Benzidine
Concen: 16.241 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

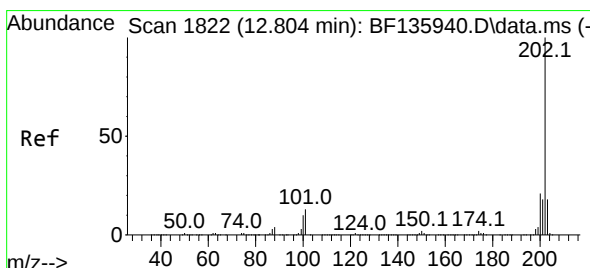
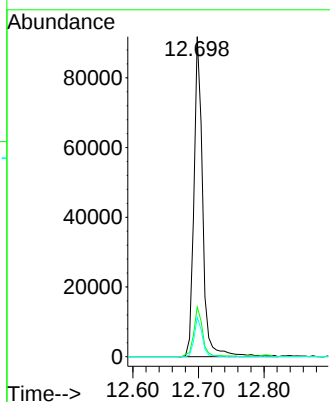
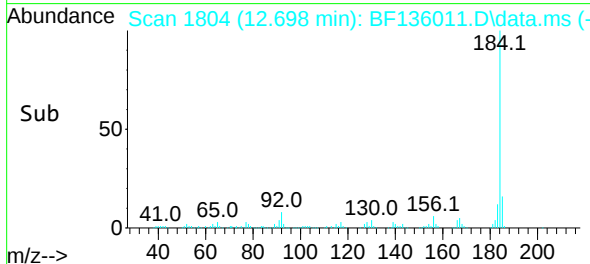
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



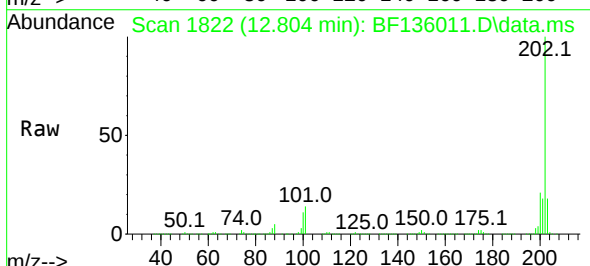
Tgt Ion:184 Resp: 8506
Ion Ratio Lower Upper
184 100
185 15.6 11.7 17.5
183 12.3 9.2 13.8

Manual Integrations
APPROVED

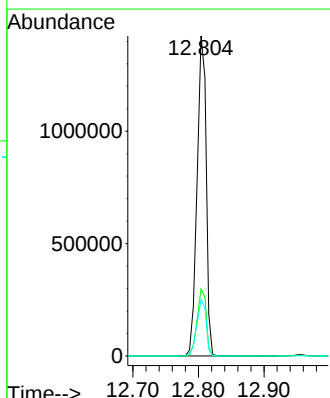
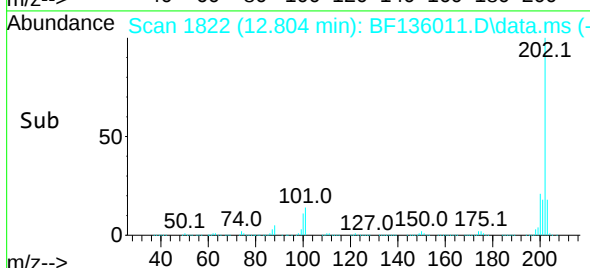
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

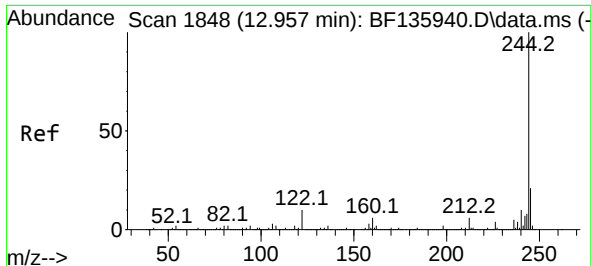


#78
Pyrene
Concen: 60.646 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



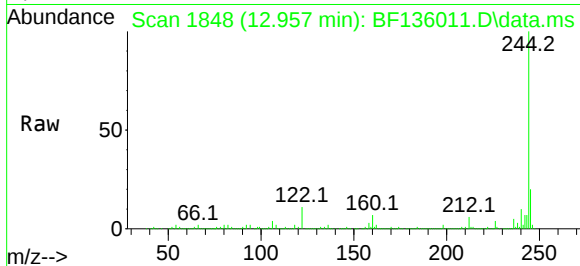
Tgt Ion:202 Resp: 1383148
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.7 14.5 21.7





#79
Terphenyl-d14
Concen: 117.660 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

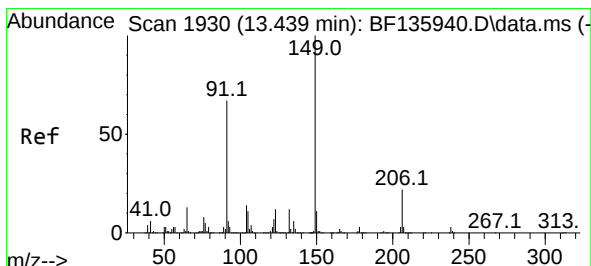
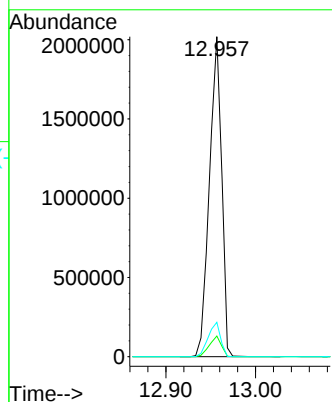
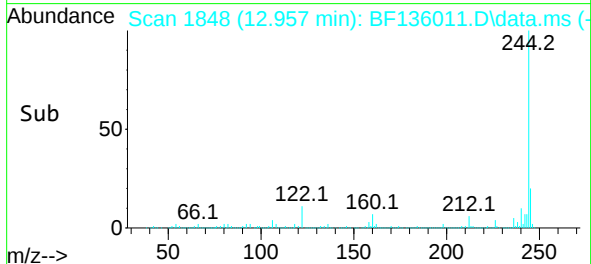
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



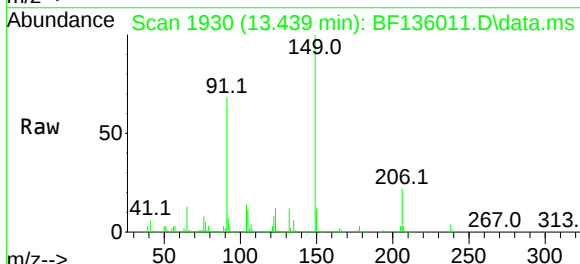
Tgt Ion:244 Resp: 191286
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.6
122 10.8 8.0 12.0

Manual Integrations
APPROVED

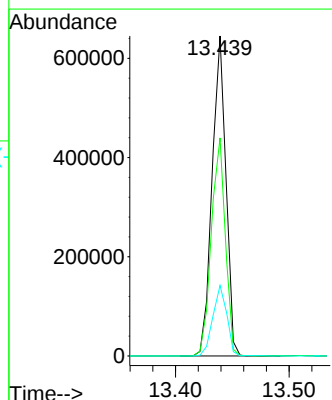
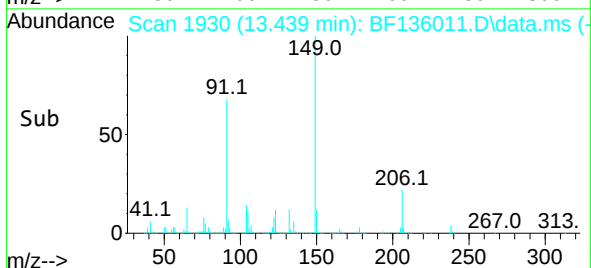
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

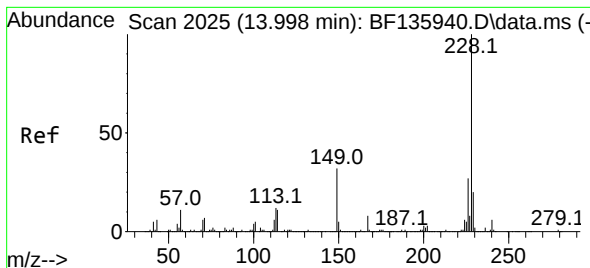


#80
Butylbenzylphthalate
Concen: 61.902 ng
RT: 13.439 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



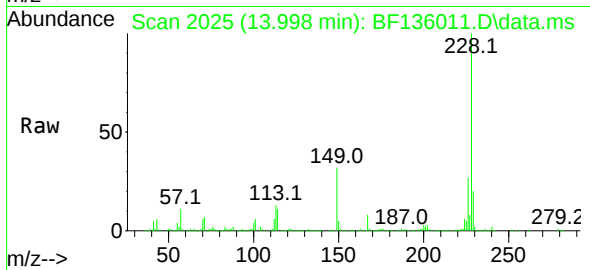
Tgt Ion:149 Resp: 543932
Ion Ratio Lower Upper
149 100
91 68.2 53.4 80.0
206 22.1 17.5 26.3





#81
Benzo(a)anthracene
Concen: 54.608 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

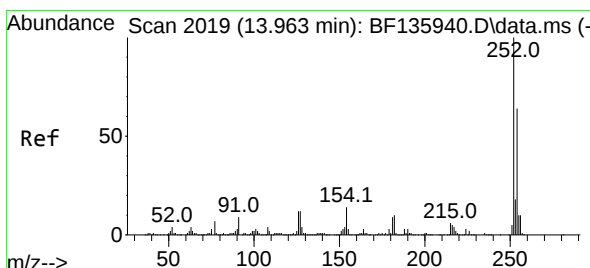
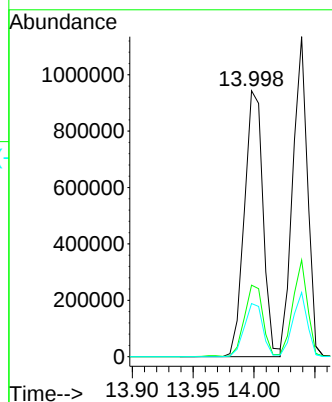
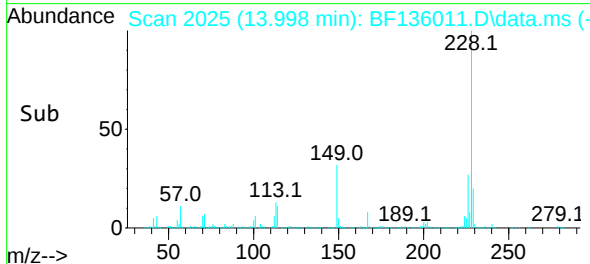
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



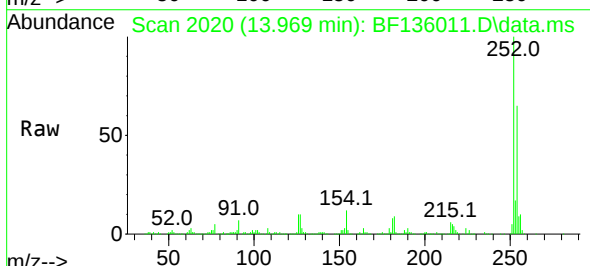
Tgt Ion:228 Resp: 100856
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.6
229 20.0 16.2 24.4

Manual Integrations
APPROVED

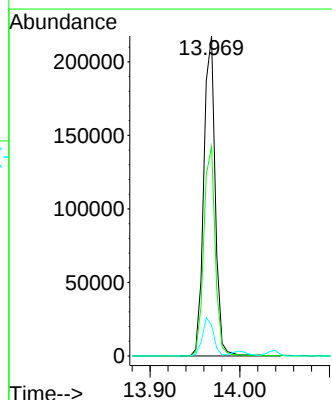
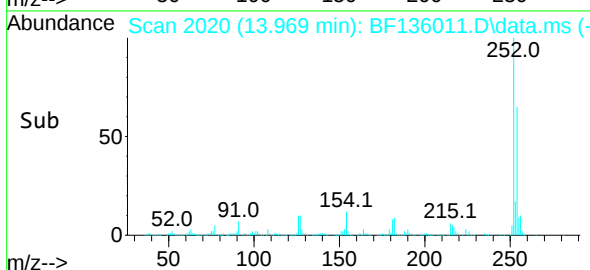
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

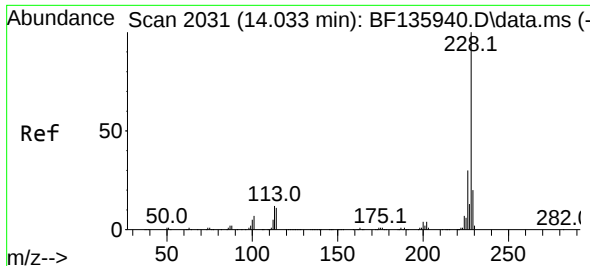


#82
3,3'-Dichlorobenzidine
Concen: 34.325 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



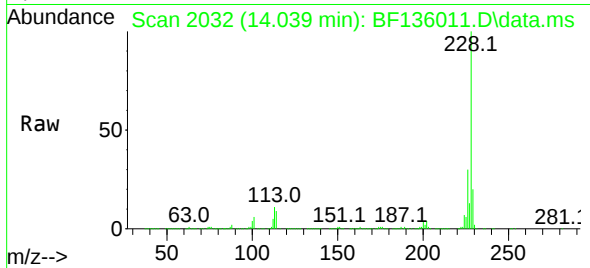
Tgt Ion:252 Resp: 192874
Ion Ratio Lower Upper
252 100
254 65.4 50.9 76.3
126 9.6 9.8 14.6#





#83
Chrysene
Concen: 53.194 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

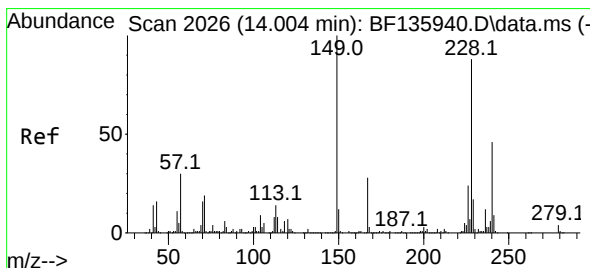
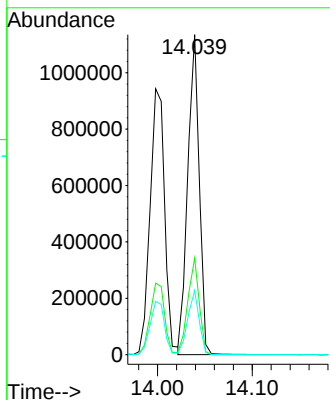
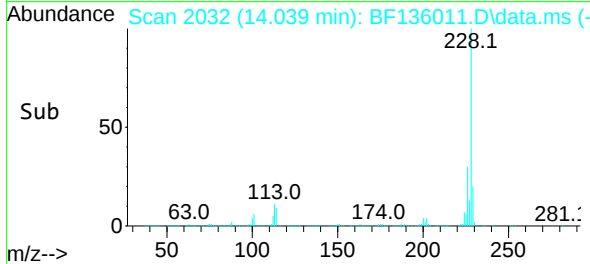
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:228 Resp: 95686
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 20.0 16.2 24.2

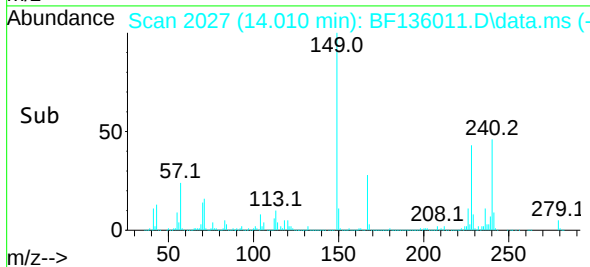
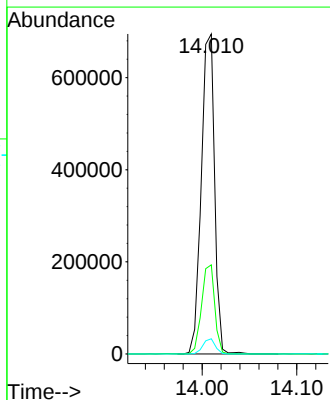
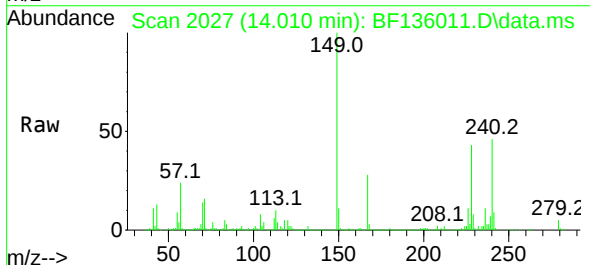
Manual Integrations
APPROVED

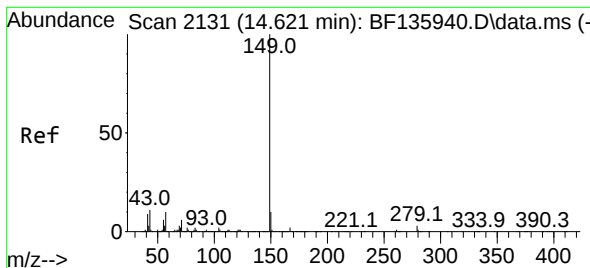
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 72.087 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

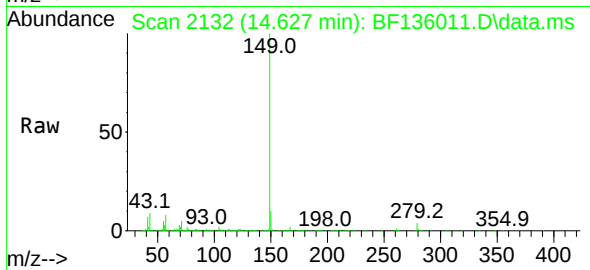
Tgt Ion:149 Resp: 676067
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.2
279 4.8 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 73.354 ng
RT: 14.627 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

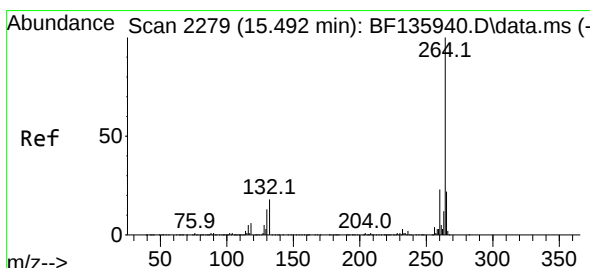
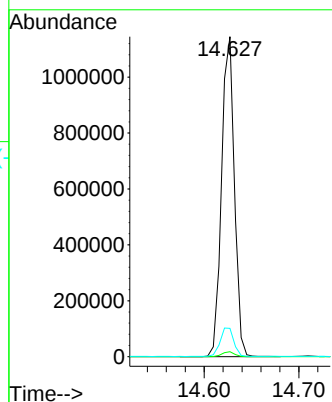
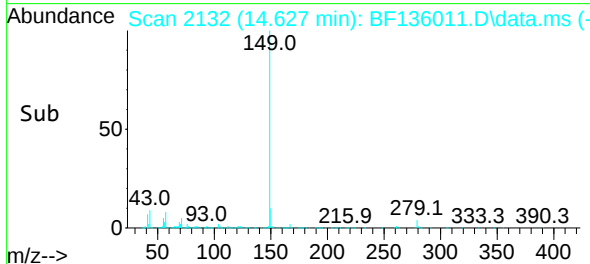
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



Tgt Ion:149 Resp: 1083700
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 8.6 12.8

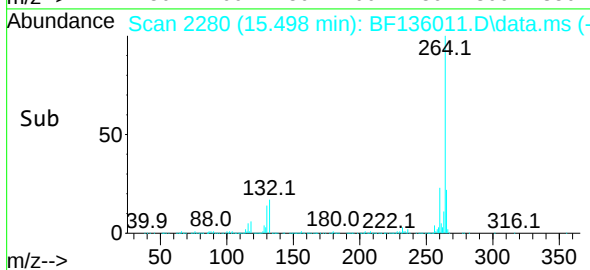
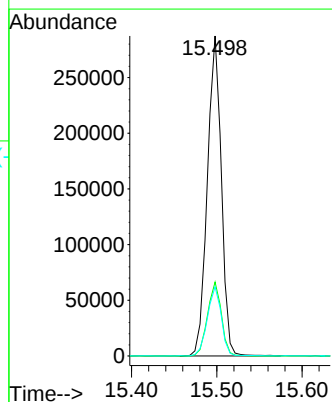
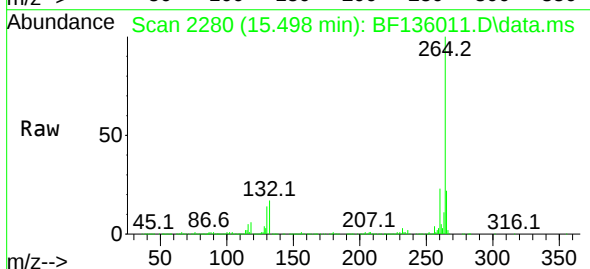
Manual Integrations
APPROVED

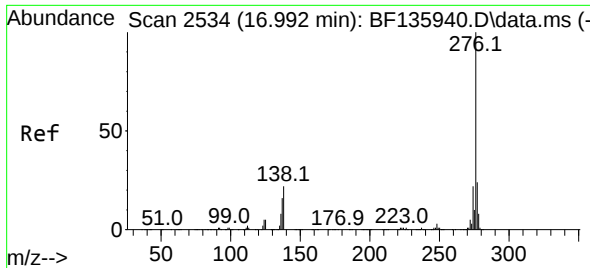
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

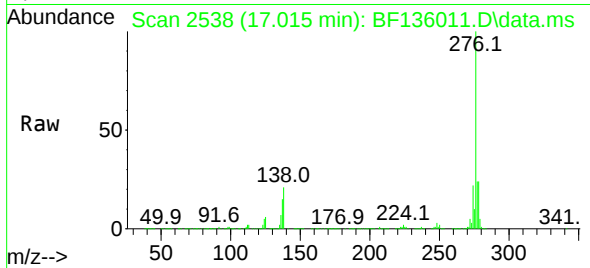
Tgt Ion:264 Resp: 327792
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.6 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.516 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

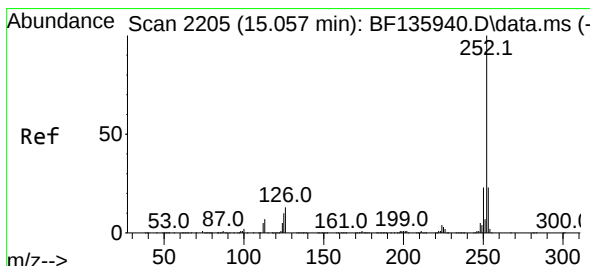
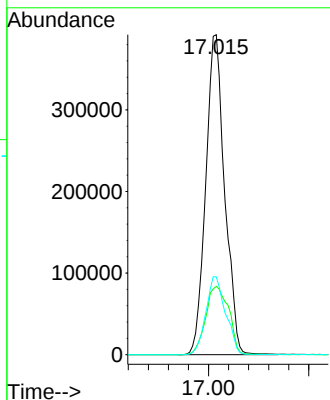
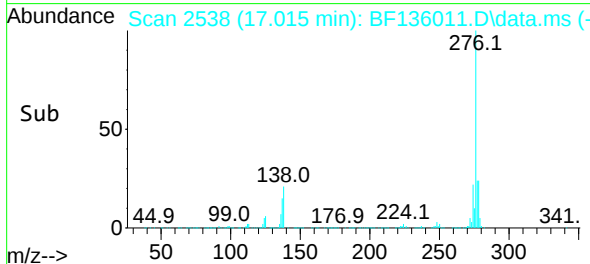
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



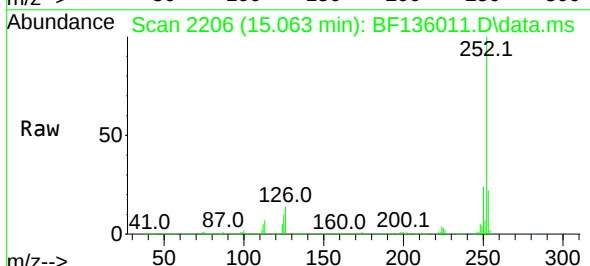
Tgt Ion:276 Resp: 103188
Ion Ratio Lower Upper
276 100
138 26.0 21.8 32.6
277 25.5 20.0 30.0

Manual Integrations
APPROVED

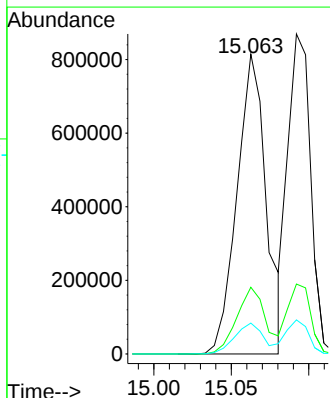
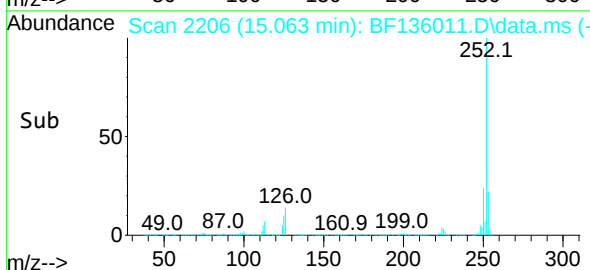
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

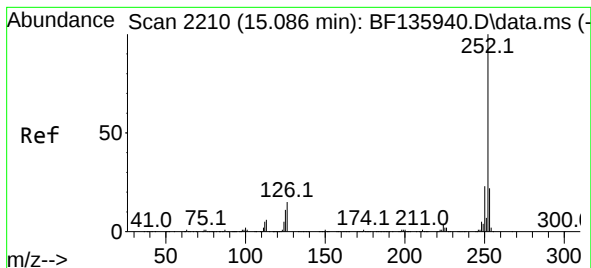


#88
Benzo(b)fluoranthene
Concen: 54.798 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



Tgt Ion:252 Resp: 1068975
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 46.488 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04MS

Tgt Ion:252 Resp: 890672

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

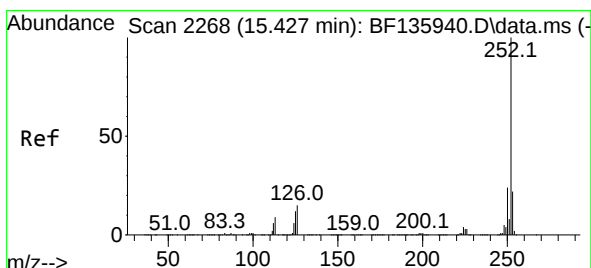
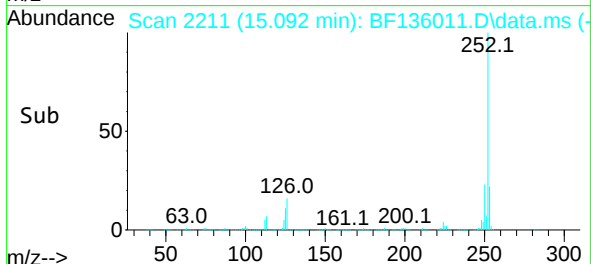
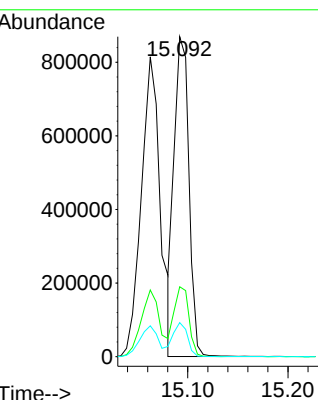
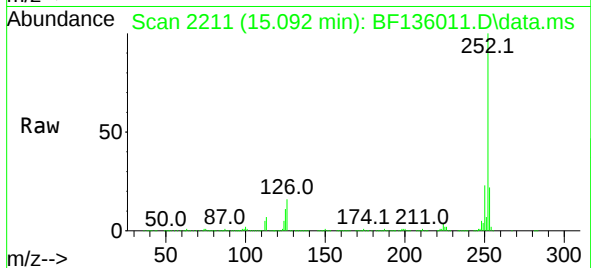
125 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#90

Benzo(a)pyrene

Concen: 50.177 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF136011.D

Acq: 28 Oct 2023 18:10

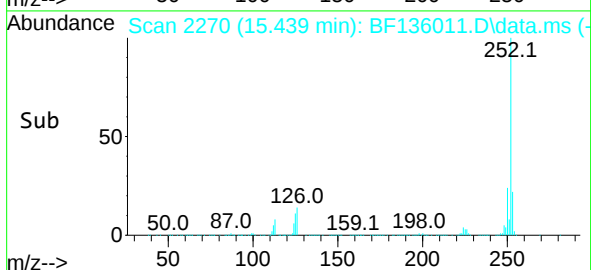
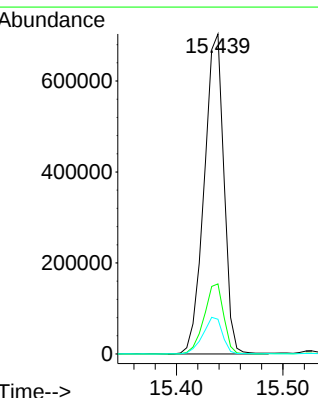
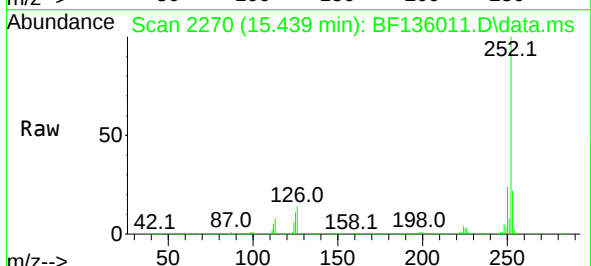
Tgt Ion:252 Resp: 902134

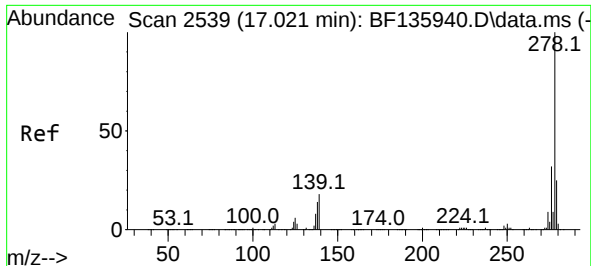
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

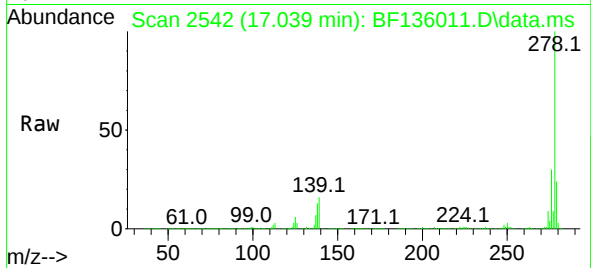
125 10.8 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 54.287 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10

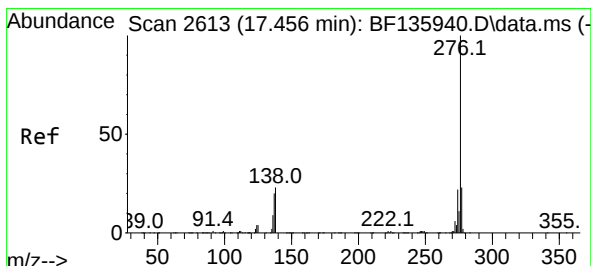
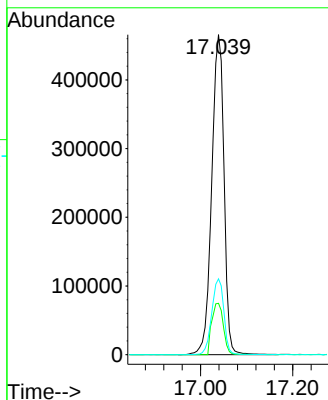
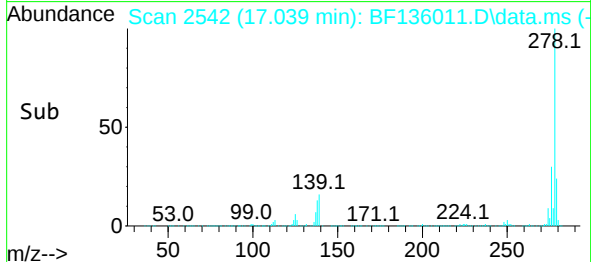
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04MS



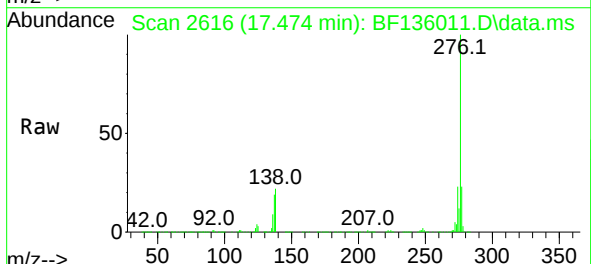
Tgt Ion:278 Resp: 863085
Ion Ratio Lower Upper
278 100
139 16.0 14.0 21.0
279 23.7 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#92
Benzo(g,h,i)perylene
Concen: 44.172 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.018 min
Lab File: BF136011.D
Acq: 28 Oct 2023 18:10



Tgt Ion:276 Resp: 792590
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 21.6 18.4 27.6

