

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135962.D
 Acq On : 26 Oct 2023 14:31
 Operator : CG\JU
 Sample : 05015-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 26 14:50:06 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	6.822	152	173858	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	691072	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	359004	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	649262	20.000	ng	0.00
76) Chrysene-d12	14.010	240	311553	20.000	ng	0.00
86) Perylene-d12	15.492	264	381876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	959364	85.208	ng	0.00
7) Phenol-d6	6.457	99	1215329	86.704	ng	0.00
23) Nitrobenzene-d5	7.387	82	688094	66.682	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	332599	105.844	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1307840	58.333	ng	0.00
79) Terphenyl-d14	12.951	244	1344312	72.092	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	209876	40.128	ng	99
3) Pyridine	3.422	79	505674	35.029	ng	99
4) n-Nitrosodimethylamine	3.399	42	258881	41.128	ng	96
6) Aniline	6.487	93	464889	24.631	ng	100
8) 2-Chlorophenol	6.610	128	548660	47.072	ng	97
9) Benzaldehyde	6.375	77	161992	21.364	ng	97
10) Phenol	6.469	94	669508m	45.688	ng	
11) bis(2-Chloroethyl)ether	6.563	93	521629	45.732	ng	96
12) 1,3-Dichlorobenzene	6.763	146	564079	45.562	ng	100
13) 1,4-Dichlorobenzene	6.845	146	570718	45.900	ng	98
14) 1,2-Dichlorobenzene	6.993	146	545676	47.260	ng	99
15) Benzyl Alcohol	6.969	79	436292	44.030	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	756317	45.025	ng	98
17) 2-Methylphenol	7.081	107	429400	41.800	ng	98
18) Hexachloroethane	7.334	117	204247	48.309	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	354930	44.528	ng	95
20) 3+4-Methylphenols	7.234	107	517611	41.748	ng	# 75
22) Acetophenone	7.234	105	711229	45.567	ng	99
24) Nitrobenzene	7.410	77	535319	46.841	ng	98
25) Isophorone	7.645	82	1015572	46.492	ng	100
26) 2-Nitrophenol	7.722	139	241903	55.931	ng	99
27) 2,4-Dimethylphenol	7.763	122	424772	42.666	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	631125	47.050	ng	99
29) 2,4-Dichlorophenol	7.963	162	443326	49.727	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	480225	47.575	ng	100
31) Naphthalene	8.128	128	1510006	45.194	ng	100
32) Benzoic acid	7.881	122	297606	56.269	ng	91
33) 4-Chloroaniline	8.175	127	143171	9.695	ng	97
34) Hexachlorobutadiene	8.245	225	271185	47.665	ng	99
35) Caprolactam	8.557	113	151822m	51.174	ng	
36) 4-Chloro-3-methylphenol	8.657	107	473163	49.943	ng	99
37) 2-Methylnaphthalene	8.822	142	977136	44.202	ng	100
38) 1-Methylnaphthalene	8.922	142	944715	45.735	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	455966	44.968	ng	99
41) Hexachlorocyclopentadiene	8.975	237	494899	98.985	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	305757	51.521	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	332894	47.244	ng	95
46) 1,1'-Biphenyl	9.287	154	1243450	45.710	ng	99
47) 2-Chloronaphthalene	9.310	162	932617	46.351	ng	97
48) 2-Nitroaniline	9.404	65	281440	50.588	ng	99
49) Acenaphthylene	9.728	152	1480099	46.628	ng	99
50) Dimethylphthalate	9.592	163	1085854	46.641	ng	99
51) 2,6-Dinitrotoluene	9.651	165	240034	49.556	ng	89
52) Acenaphthene	9.898	154	992848	48.805	ng	99
53) 3-Nitroaniline	9.816	138	148987	27.907	ng	95
54) 2,4-Dinitrophenol	9.922	184	153289	81.939	ng	97
55) Dibenzofuran	10.075	168	1359343	46.254	ng	98
56) 4-Nitrophenol	9.981	139	410017	86.737	ng	97
57) 2,4-Dinitrotoluene	10.057	165	308426	51.184	ng	97
58) Fluorene	10.416	166	1013585	46.099	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	274715	51.811	ng	99
60) Diethylphthalate	10.298	149	1041622	46.918	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	474962	44.782	ng	97
62) 4-Nitroaniline	10.433	138	248621	43.915	ng	95
63) Azobenzene	10.569	77	1015340	45.067	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	115642	52.503	ng	98
66) n-Nitrosodiphenylamine	10.533	169	913606	46.579	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	317105	47.691	ng	94
68) Hexachlorobenzene	10.963	284	354959	49.974	ng	92
69) Atrazine	11.063	200	308497	57.696	ng	99
70) Pentachlorophenol	11.157	266	376325	83.376	ng	99
71) Phenanthrene	11.380	178	1645159	50.084	ng	99
72) Anthracene	11.433	178	1536615	45.687	ng	99
73) Carbazole	11.586	167	1353498	45.112	ng	99
74) Di-n-butylphthalate	11.928	149	1554043	48.676	ng	100
75) Fluoranthene	12.575	202	1627963	47.109	ng	98
77) Benzidine	12.698	184	438427	72.981	ng	99
78) Pyrene	12.804	202	1544948	59.059	ng	100
80) Butylbenzylphthalate	13.439	149	494209	49.831	ng	98
81) Benzo(a)anthracene	13.998	228	1049241	49.530	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	168218	26.101	ng	98
83) Chrysene	14.033	228	986173	47.798	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	548204	50.963	ng	100
85) Di-n-octyl phthalate	14.621	149	927662	54.744	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1252576	57.846	ng	99
88) Benzo(b)fluoranthene	15.057	252	1137505	50.052	ng	100
89) Benzo(k)fluoranthene	15.086	252	902804	40.448	ng	100
90) Benzo(a)pyrene	15.427	252	954281	45.560	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1014510	54.774	ng	99
92) Benzo(g,h,i)perylene	17.462	276	977499	46.542	ng	99

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

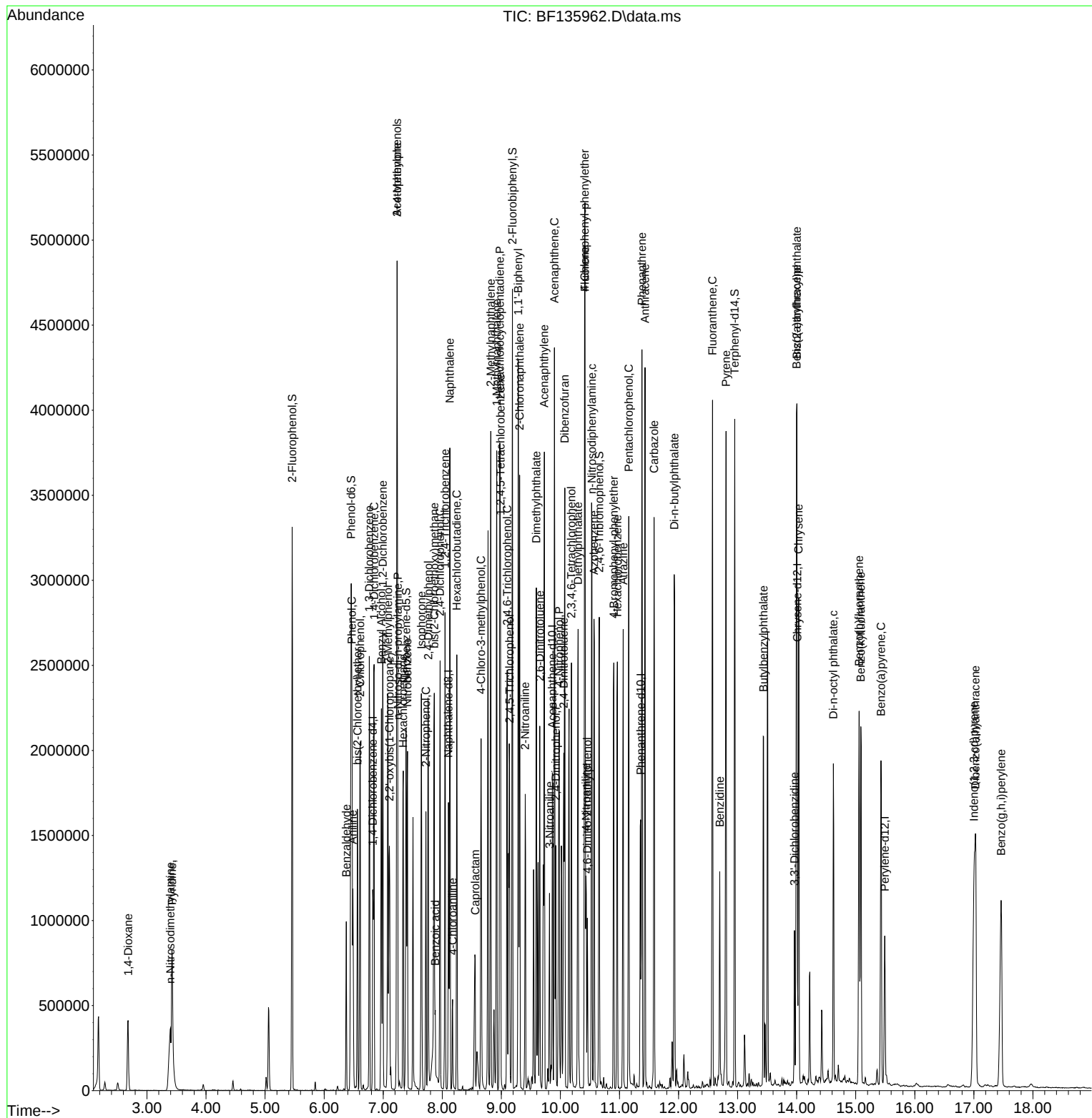
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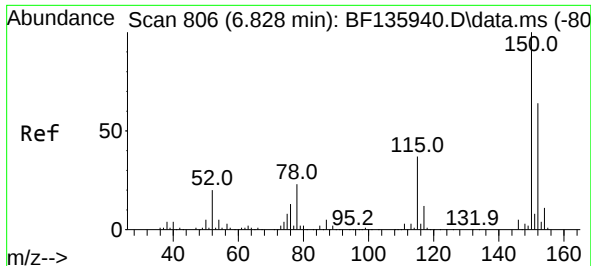
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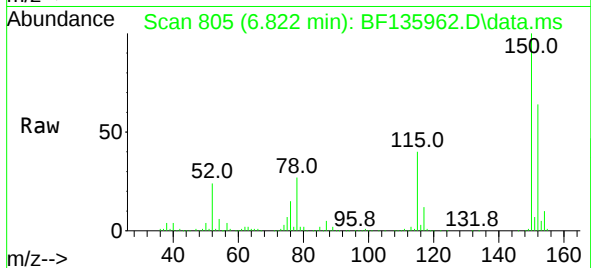
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

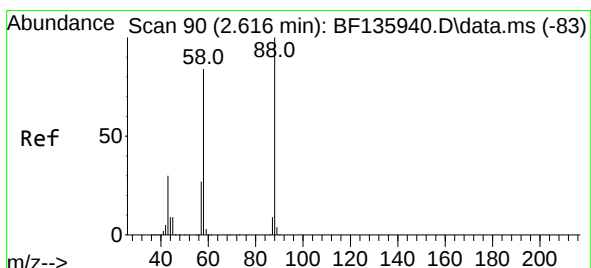
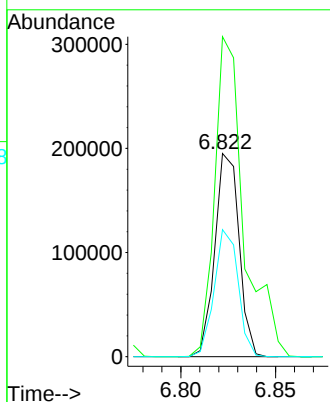
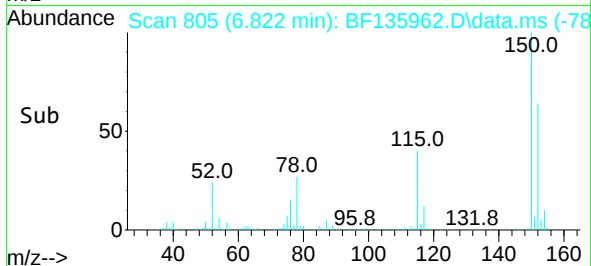
Instrument :
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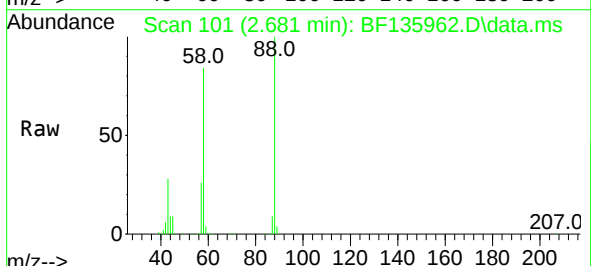
Tgt Ion:152 Resp: 17385
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.5 46.6 69.8

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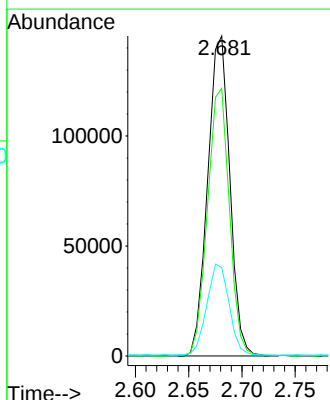
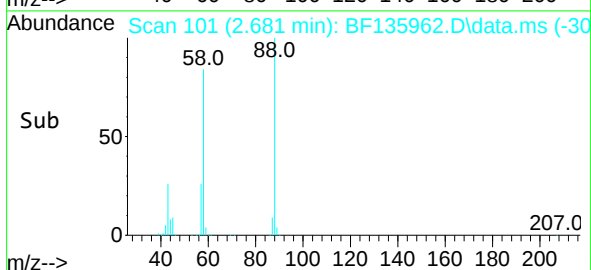
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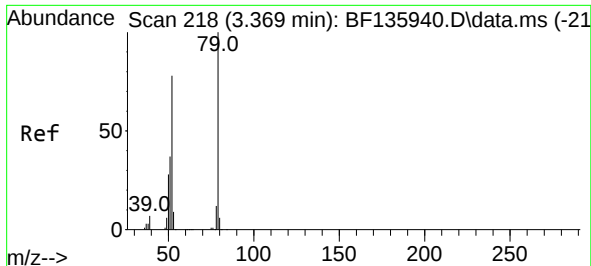


#2
1,4-Dioxane
Concen: 40.128 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.065 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



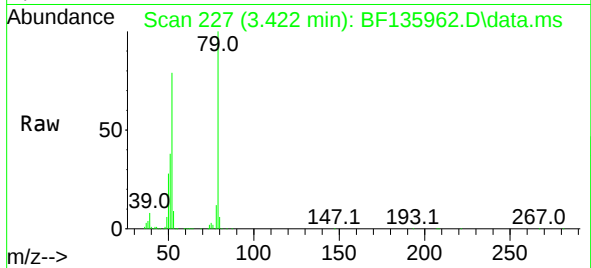
Tgt Ion: 88 Resp: 209876
Ion Ratio Lower Upper
88 100
58 83.1 66.6 100.0
43 28.8 23.8 35.8





#3
Pyridine
Concen: 35.029 ng
RT: 3.422 min Scan# 218
Delta R.T. 0.053 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

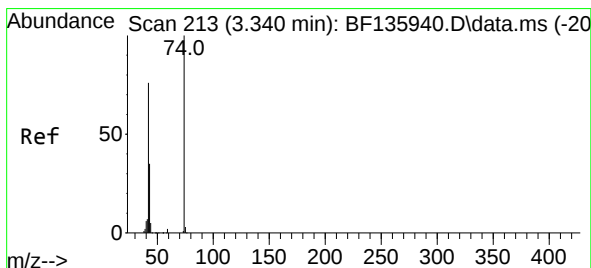
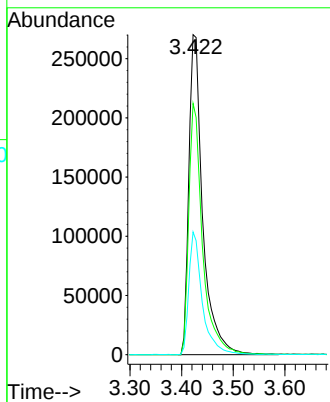
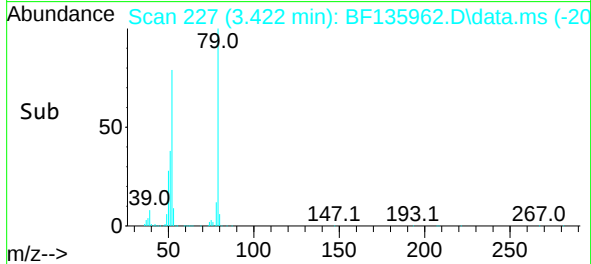
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 505674
Ion Ratio Lower Upper
79 100
52 78.5 62.6 93.8
51 38.4 29.8 44.8

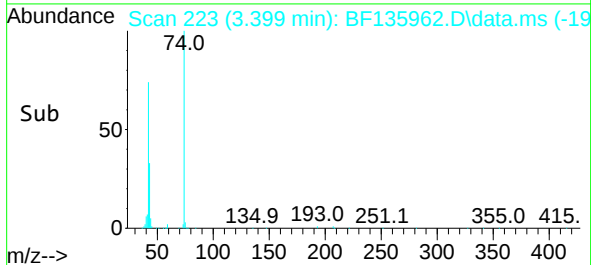
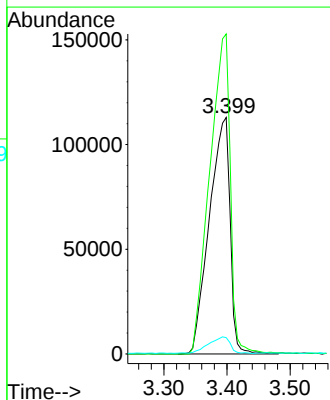
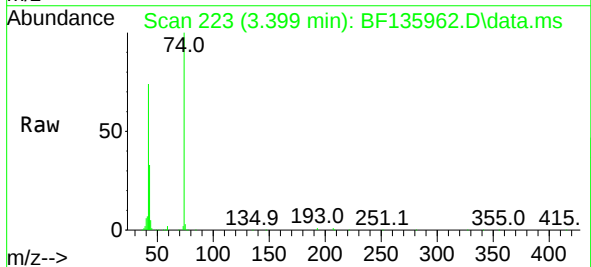
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#4
n-Nitrosodimethylamine
Concen: 41.128 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.059 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

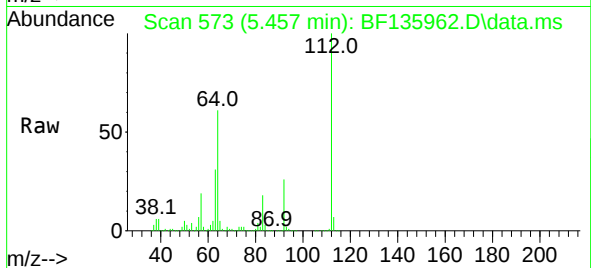
Tgt Ion: 42 Resp: 258881
Ion Ratio Lower Upper
42 100
74 135.3 104.8 157.2
44 6.9 5.9 8.9





#5
2-Fluorophenol
Concen: 85.208 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

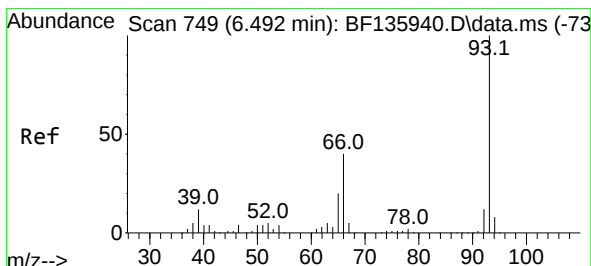
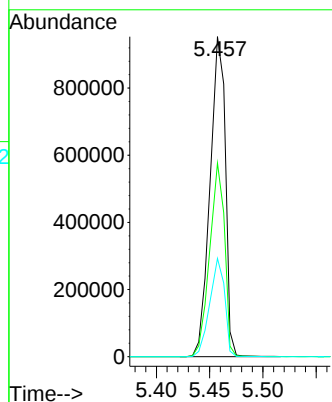
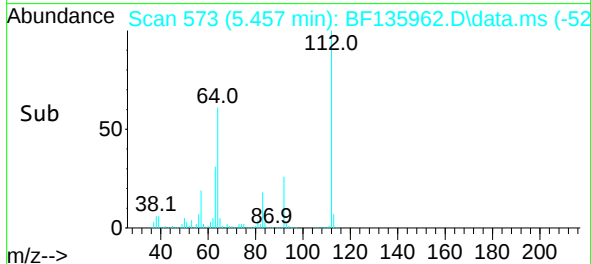
Instrument :
BNA_F
ClientSampleId :
72-11991MS



Tgt Ion:112 Resp: 959364
Ion Ratio Lower Upper
112 100
64 60.5 45.1 67.7
63 30.7 23.0 34.4

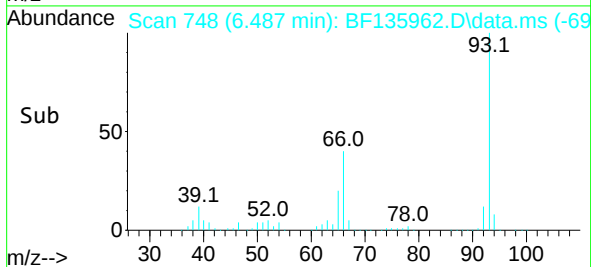
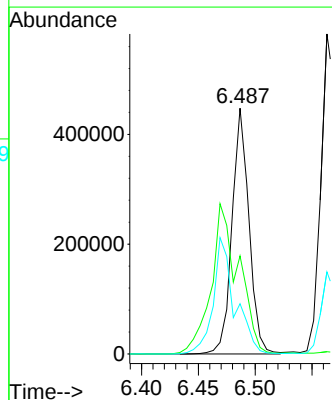
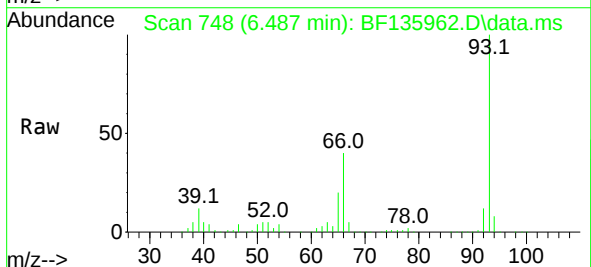
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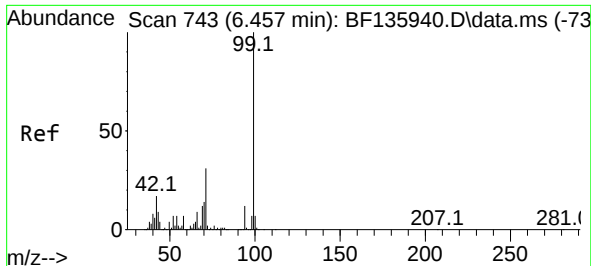
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#6
Aniline
Concen: 24.631 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

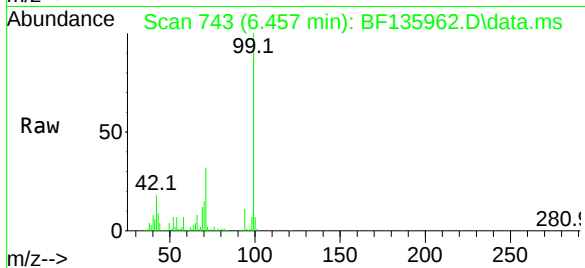
Tgt Ion: 93 Resp: 464889
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 20.4 16.2 24.4





#7
Phenol-d6
Concen: 86.704 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

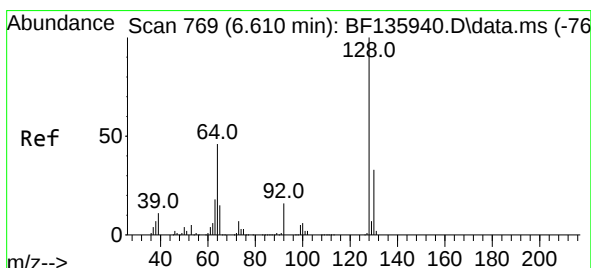
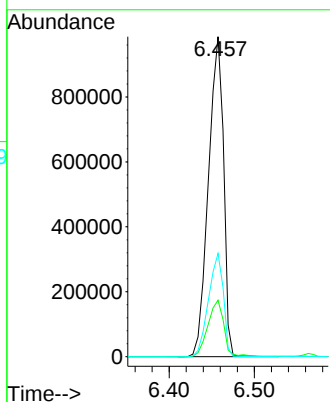
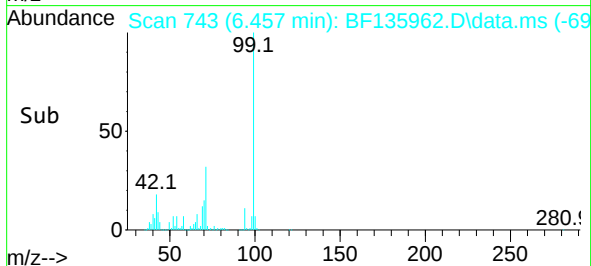
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Tgt Ion: 99 Resp: 1215329
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.8
71 32.3 25.1 37.7

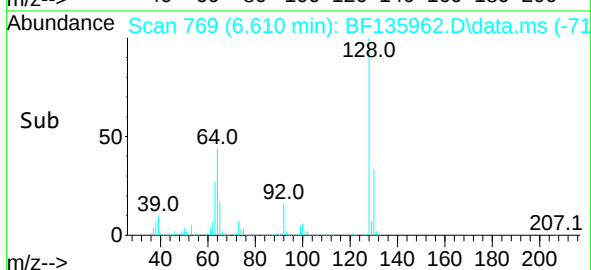
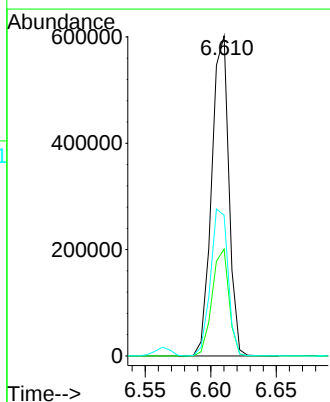
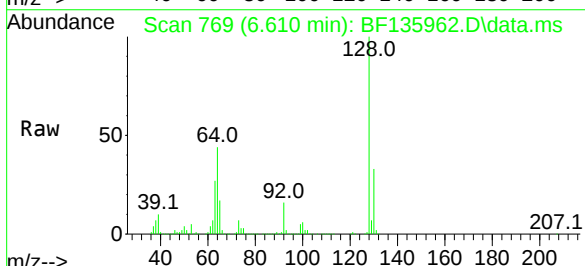
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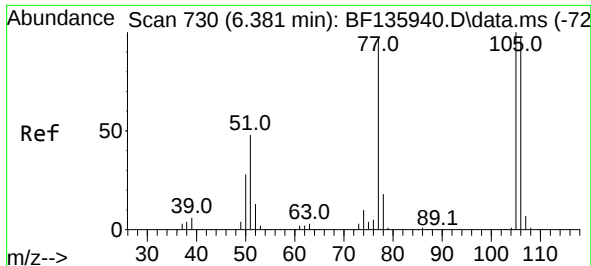
Reviewed By :Yogesh Patel 10/27/2023
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#8
2-Chlorophenol
Concen: 47.072 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

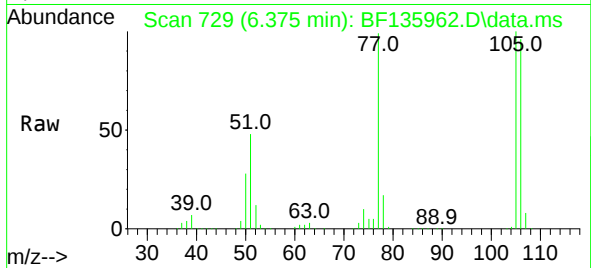
Tgt Ion:128 Resp: 548660
Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 43.9 27.0 67.0





#9
Benzaldehyde
Concen: 21.364 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

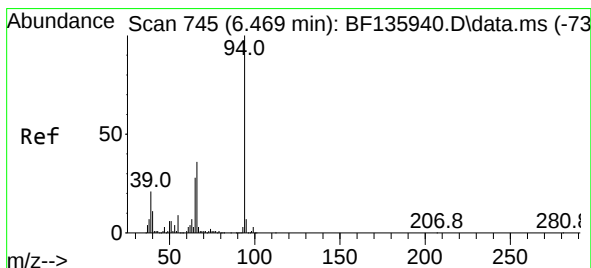
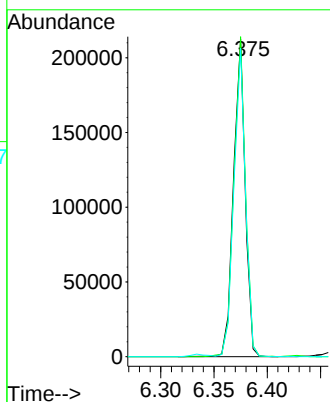
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Tgt Ion: 77 Resp: 161992
Ion Ratio Lower Upper
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105 100.7 83.2 123.2
106 97.0 80.0 120.0

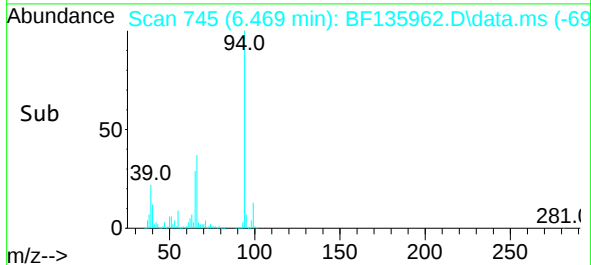
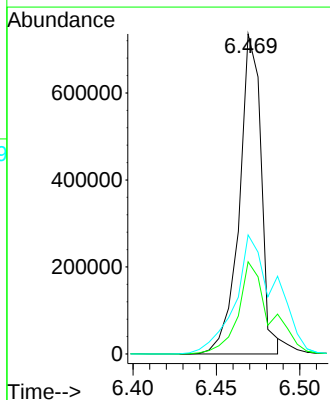
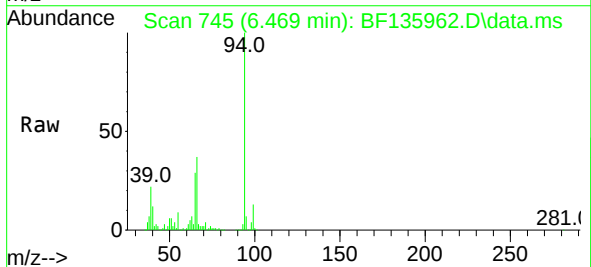
Manual Integrations
APPROVED

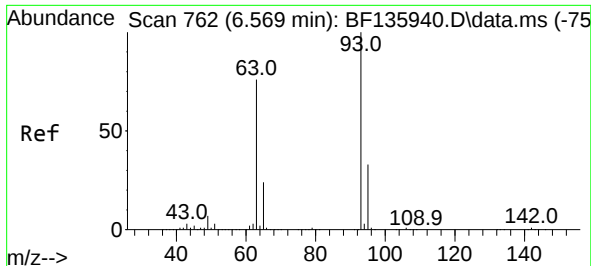
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#10
Phenol
Concen: 45.688 ng m
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion: 94 Resp: 669508
Ion Ratio Lower Upper
94 100
65 28.8 7.8 47.8
66 37.2 16.5 56.5





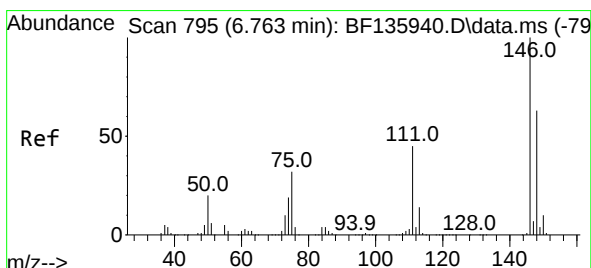
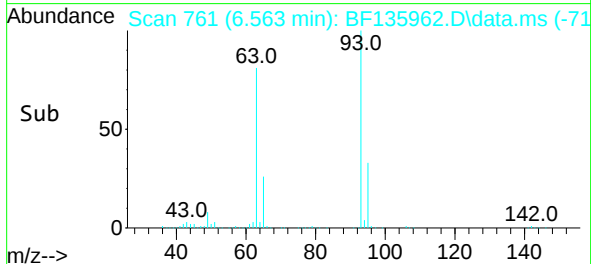
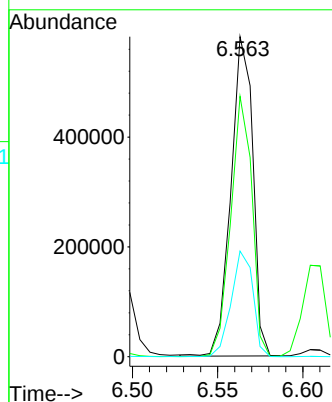
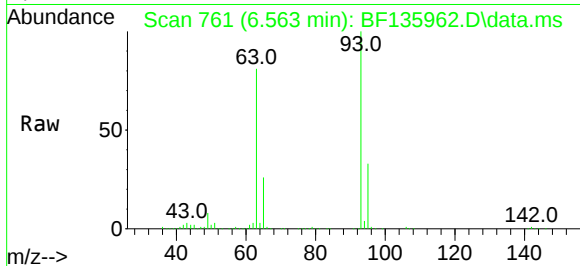
#11
bis(2-Chloroethyl)ether
Concen: 45.732 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :
BNA_F
Client Sample Id :
72-11991MS

Tgt Ion: 93 Resp: 521629
Ion Ratio Lower Upper
93 100
63 81.3 56.2 96.2
95 33.0 12.9 52.9

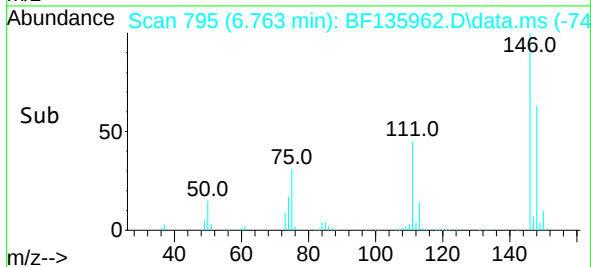
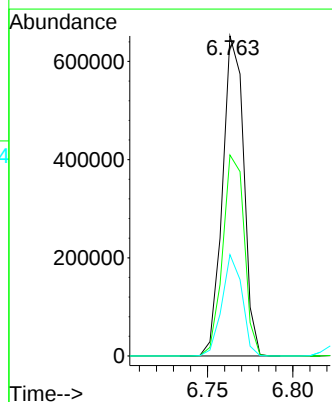
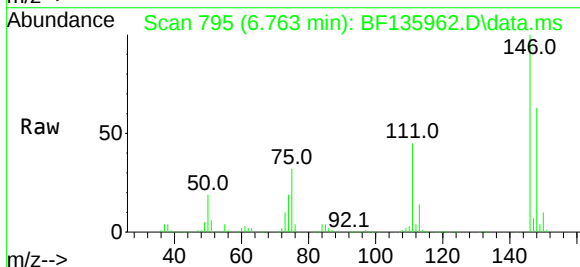
Manual Integrations
APPROVED

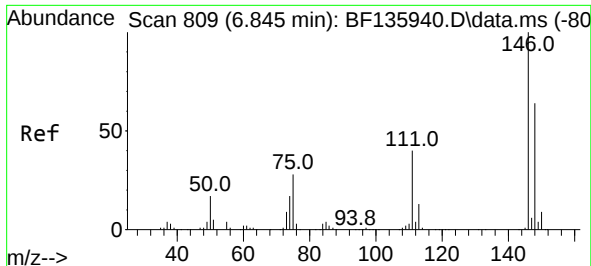
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#12
1,3-Dichlorobenzene
Concen: 45.562 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:146 Resp: 564079
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.4
75 31.6 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 45.900 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

Tgt Ion:146 Resp: 570718

Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.2

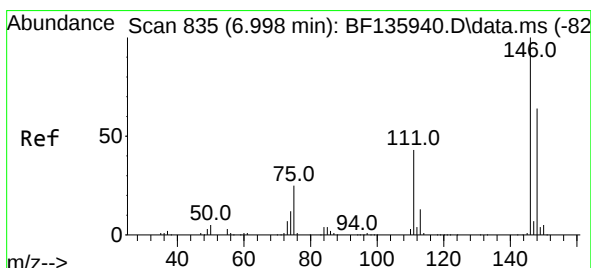
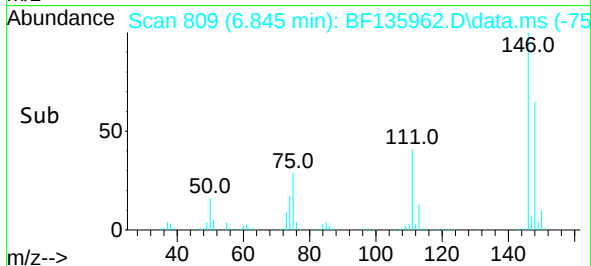
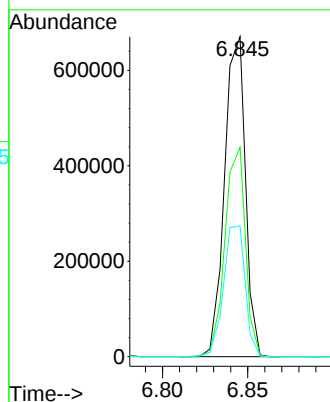
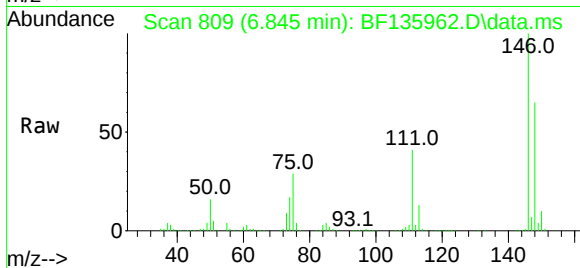
111 40.8 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#14

1,2-Dichlorobenzene

Concen: 47.260 ng

RT: 6.993 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

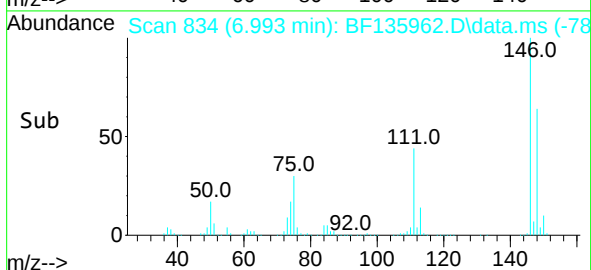
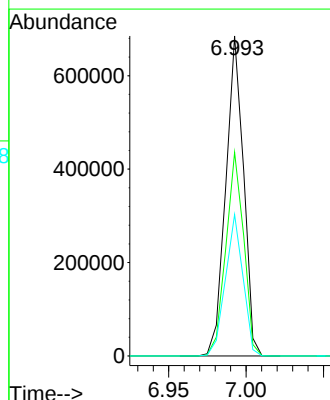
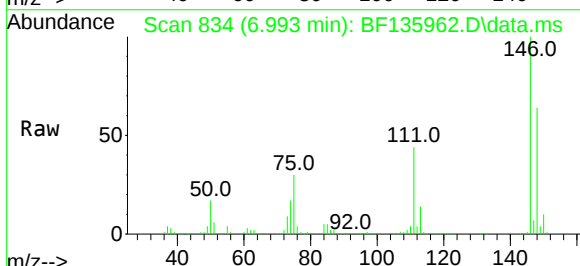
Tgt Ion:146 Resp: 545676

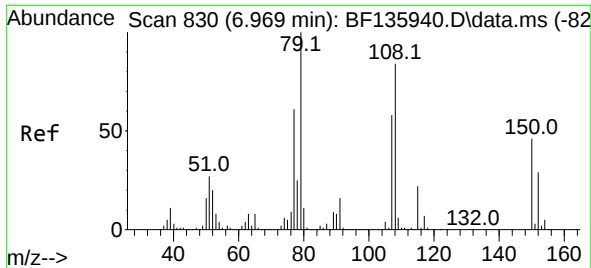
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

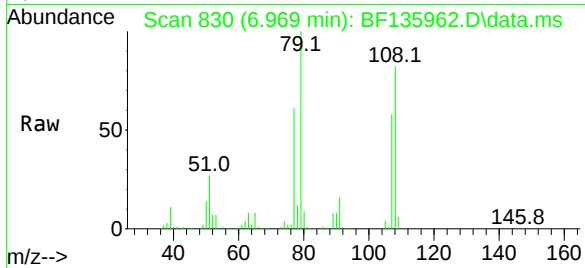
111 44.2 34.2 51.4





#15
Benzyl Alcohol
Concen: 44.030 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

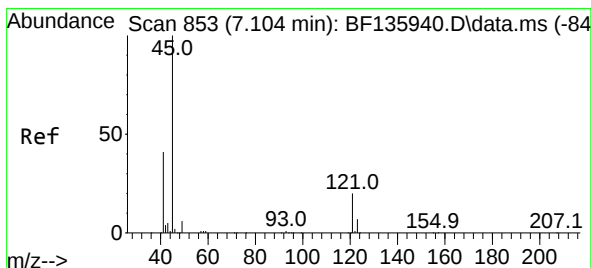
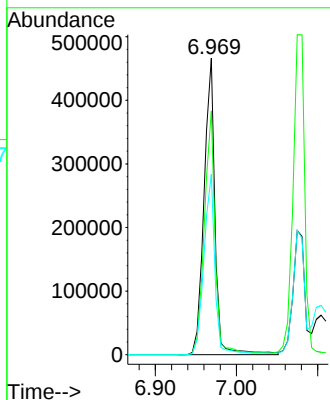
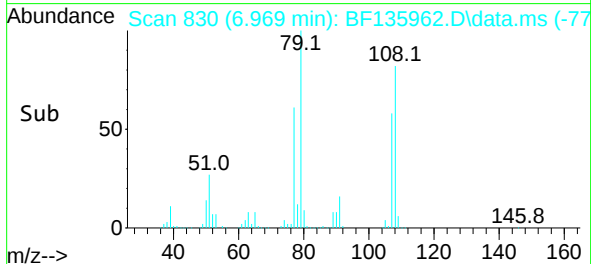
Instrument :
BNA_F
ClientSampleId :
72-11991MS



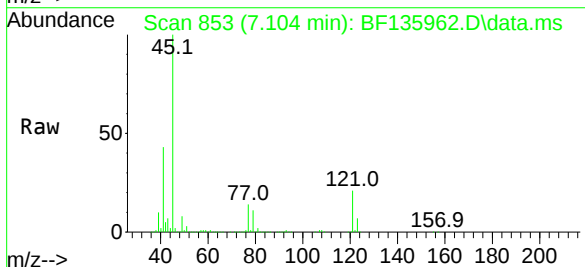
Tgt Ion: 79 Resp: 436292
Ion Ratio Lower Upper
79 100
108 82.2 67.2 100.8
77 60.8 49.0 73.6

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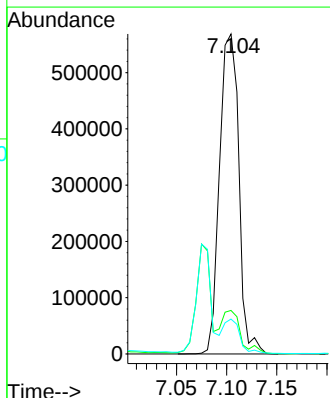
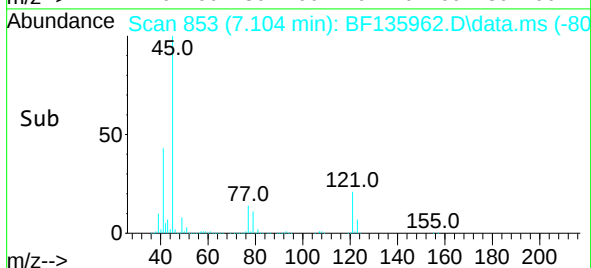
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

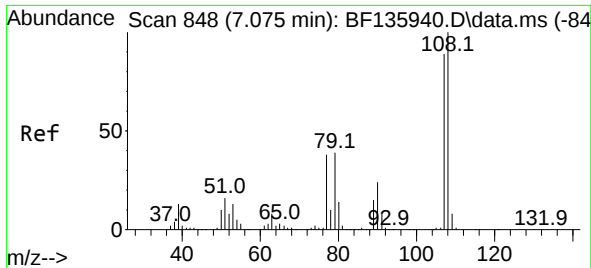


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.025 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



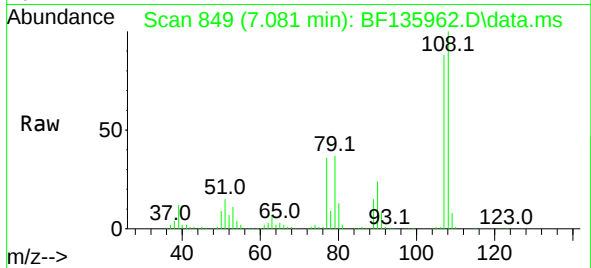
Tgt Ion: 45 Resp: 756317
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.2
79 10.9 0.0 29.8





#17
2-Methylphenol
Concen: 41.800 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

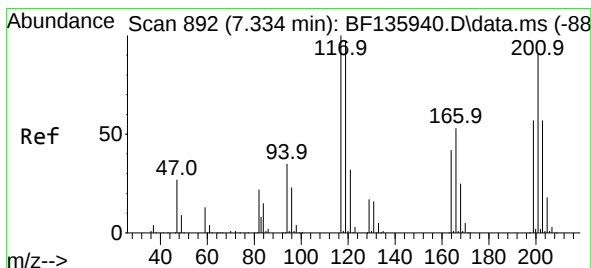
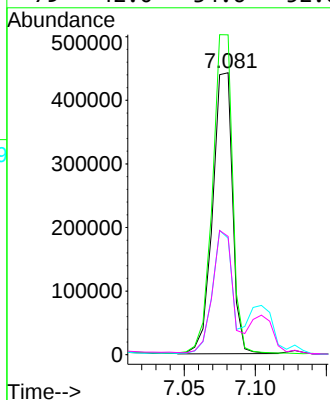
Instrument :
BNA_F
ClientSampleId :
72-11991MS



Tgt Ion:107 Resp: 429400
Ion Ratio Lower Upper
107 100
108 113.4 89.8 134.6
77 41.3 34.2 51.2
79 42.0 34.6 52.0

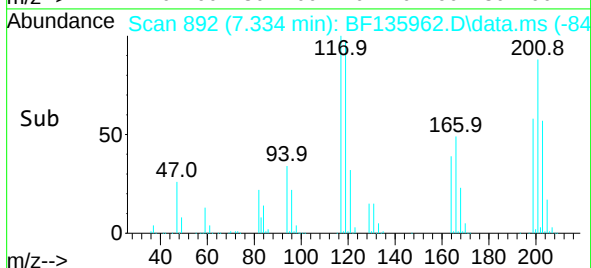
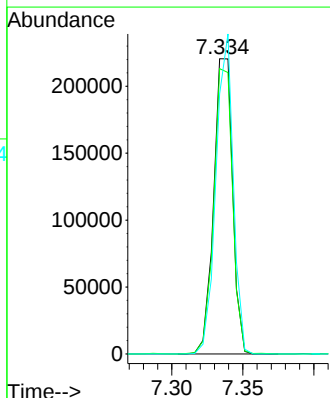
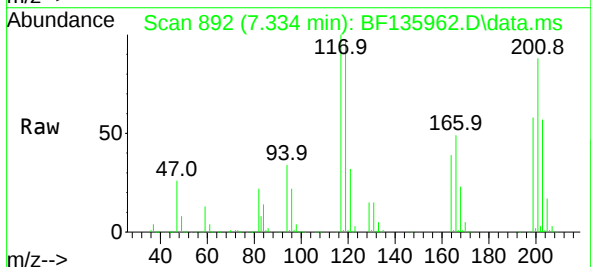
Manual Integrations
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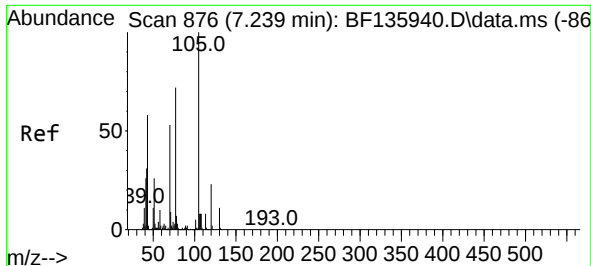
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#18
Hexachloroethane
Concen: 48.309 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

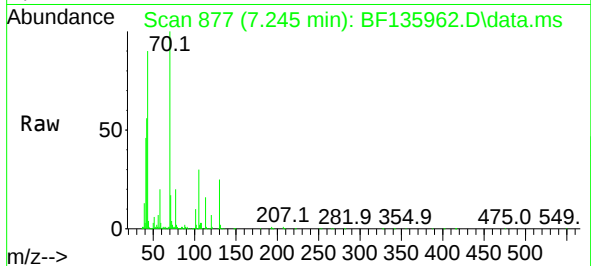
Tgt Ion:117 Resp: 204247
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
201 88.1 72.8 109.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.528 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

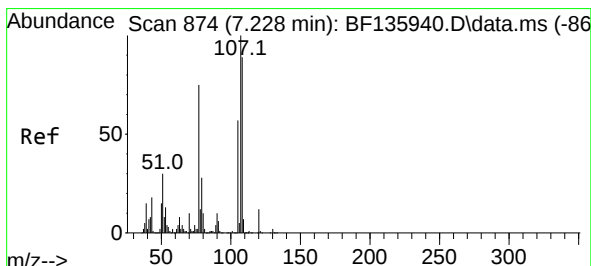
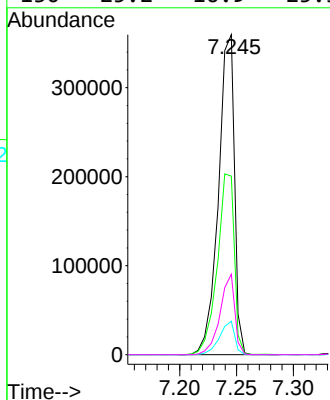
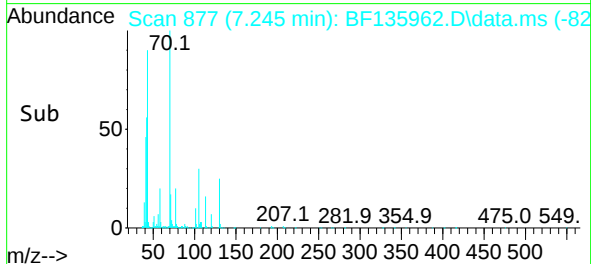
Instrument :
BNA_F
ClientSampleId :
72-11991MS



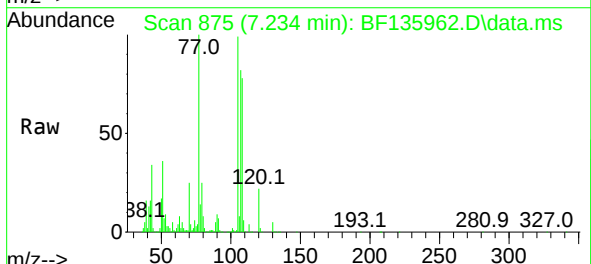
Tgt Ion: 70 Resp: 354930
Ion Ratio Lower Upper
70 100
42 55.8 47.3 70.9
101 10.5 7.8 11.8
130 25.2 16.9 25.3

Manual Integrations
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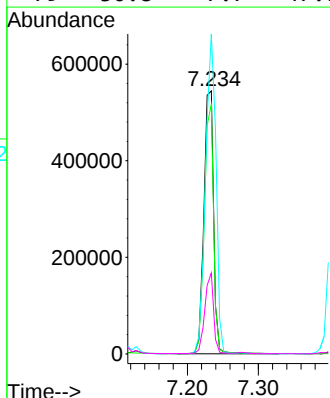
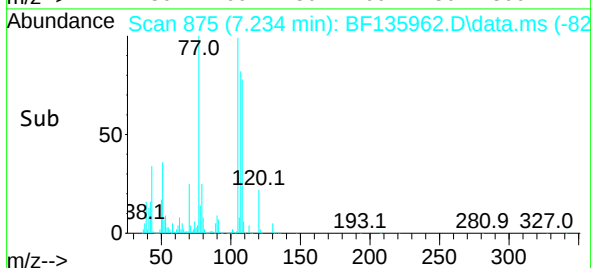
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

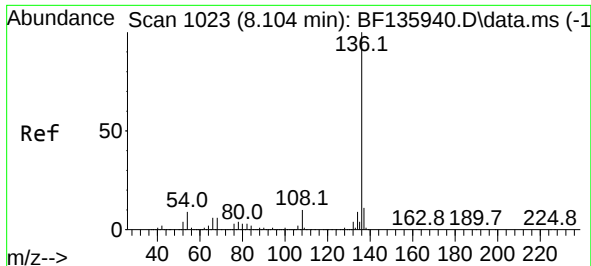


#20
3+4-Methylphenols
Concen: 41.748 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



Tgt Ion:107 Resp: 517611
Ion Ratio Lower Upper
107 100
108 94.8 69.1 109.1
77 121.6 55.0 95.0#
79 30.8 7.7 47.7





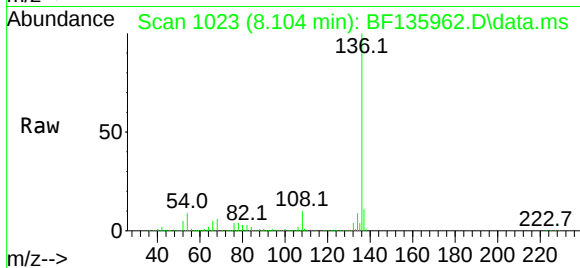
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS



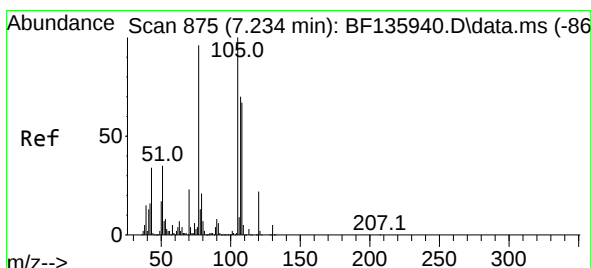
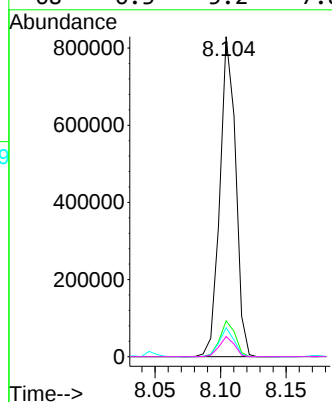
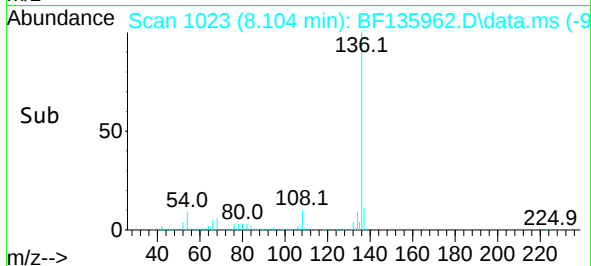
Tgt Ion:136 Resp: 691072
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.1 7.1 10.7
68 6.3 5.2 7.8

Manual Integrations

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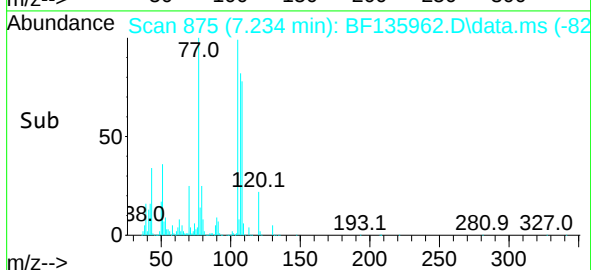
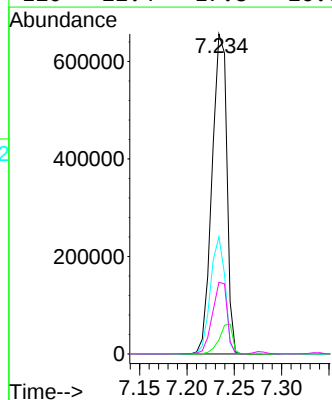
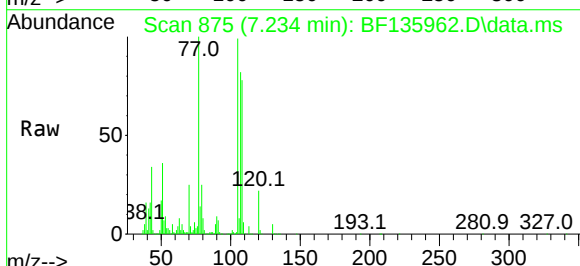
Reviewed By :Yogesh Patel 10/27/2023

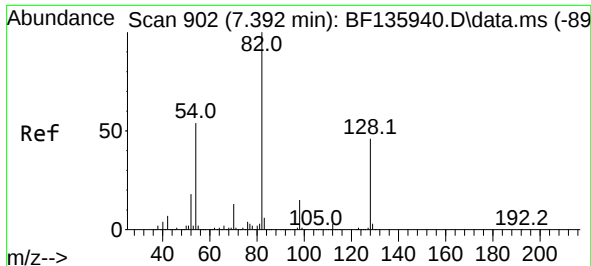
Supervised By :mohammad ahmed 10/27/2023



#22
Acetophenone
Concen: 45.567 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:105 Resp: 711229
Ion Ratio Lower Upper
105 100
71 4.4 3.4 5.2
51 36.6 28.4 42.6
120 22.4 17.8 26.6





#23

Nitrobenzene-d5

Concen: 66.682 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

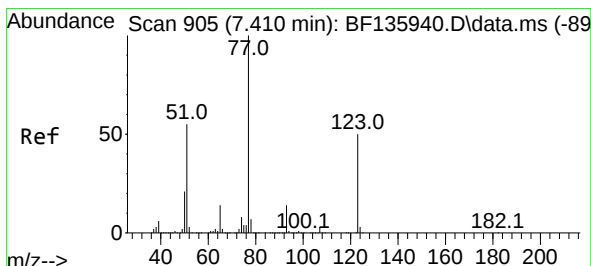
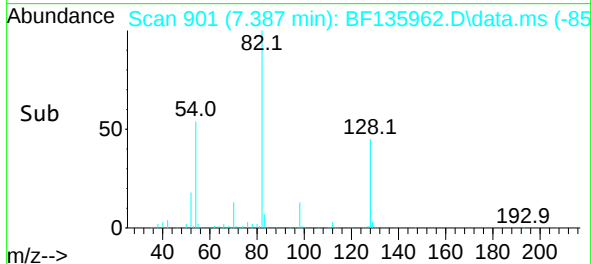
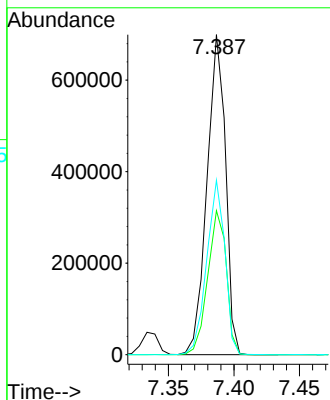
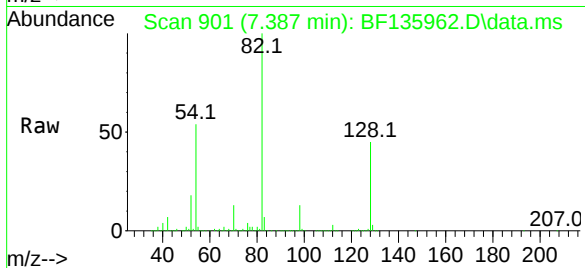
72-11991MS

Tgt Ion: 82 Resp: 688094

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.8	55.2
54	54.5	43.4	65.0

Manual Integrations
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Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#24

Nitrobenzene

Concen: 46.841 ng

RT: 7.410 min Scan# 905

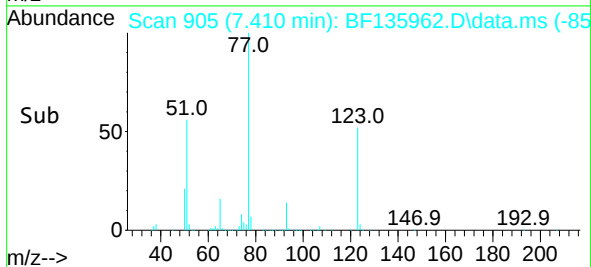
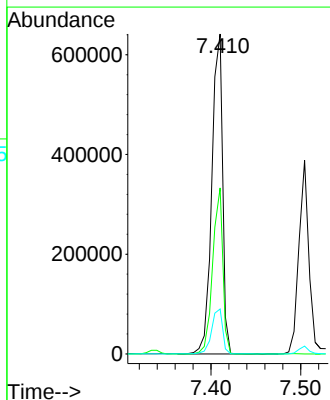
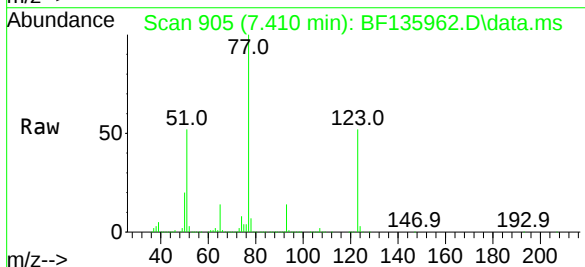
Delta R.T. 0.000 min

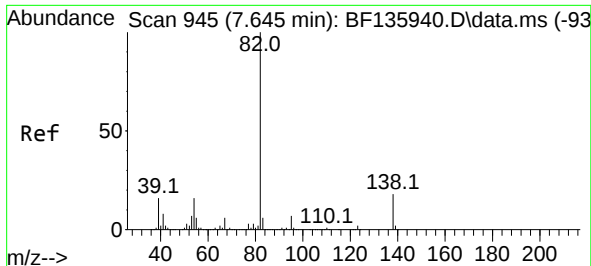
Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Tgt Ion: 77 Resp: 535319

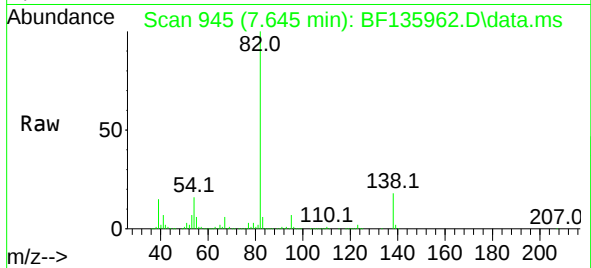
Ion	Ratio	Lower	Upper
77	100		
123	51.9	40.2	60.2
65	14.0	11.0	16.4





#25
Isophorone
Concen: 46.492 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

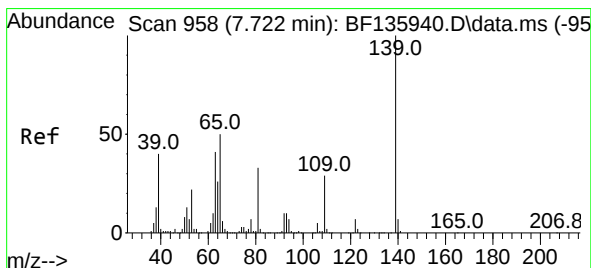
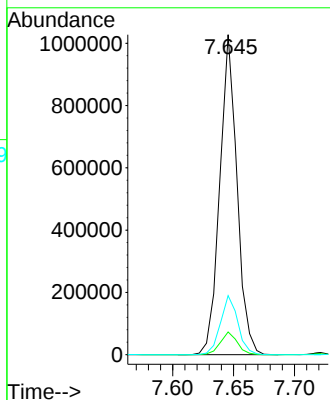
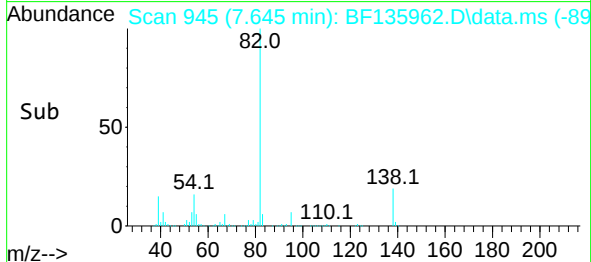
Instrument :
BNA_F
ClientSampleId :
72-11991MS



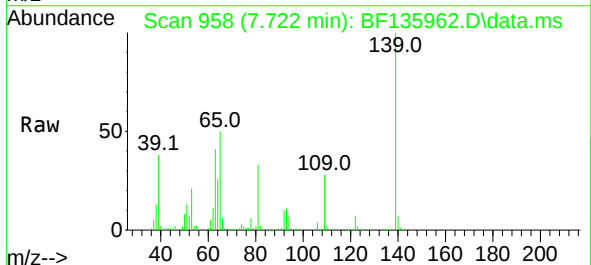
Tgt Ion: 82 Resp: 1015572
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.4 14.8 22.2

Manual Integrations
APPROVED

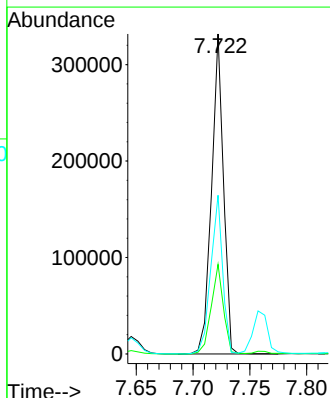
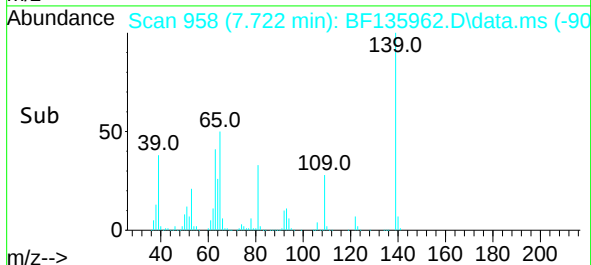
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

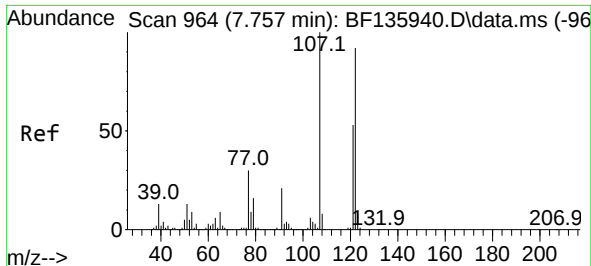


#26
2-Nitrophenol
Concen: 55.931 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



Tgt Ion:139 Resp: 241903
Ion Ratio Lower Upper
139 100
109 28.0 23.1 34.7
65 49.6 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 42.666 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF135962.D

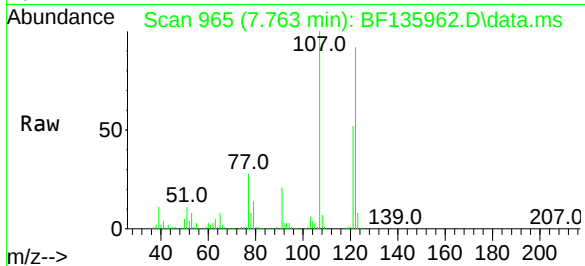
Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS



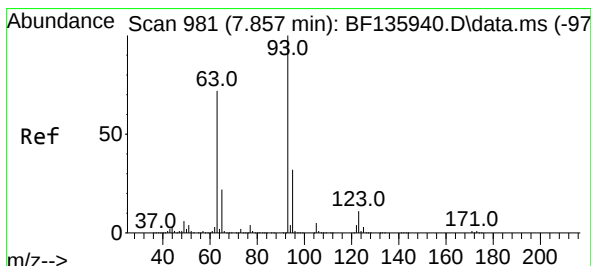
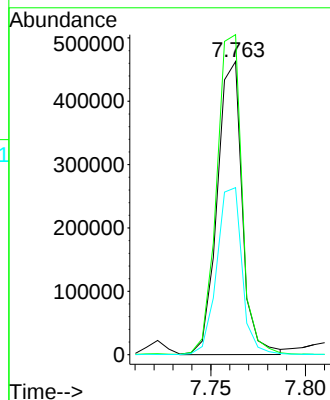
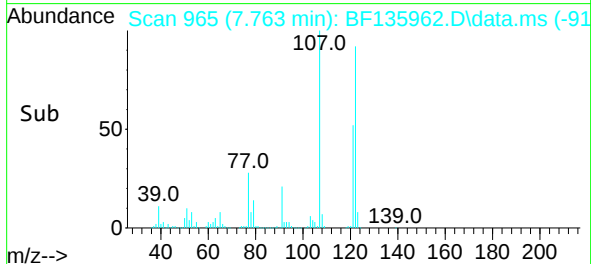
Tgt Ion:	122	Resp:	424772
Ion	Ratio	Lower	Upper
122	100		
107	109.2	87.1	130.7
121	57.0	45.9	68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.050 ng

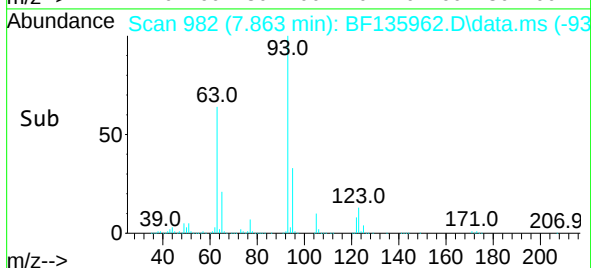
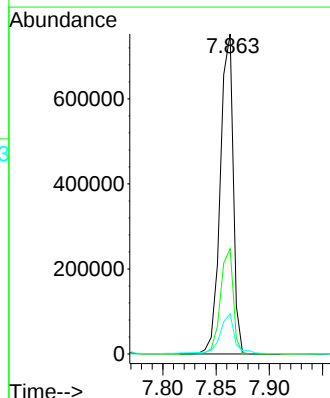
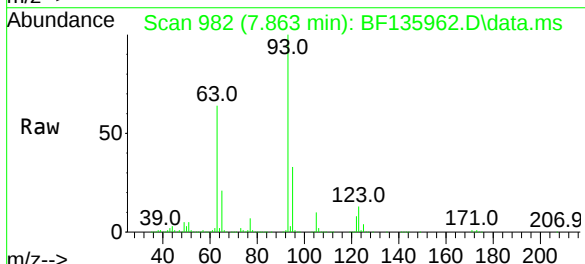
RT: 7.863 min Scan# 982

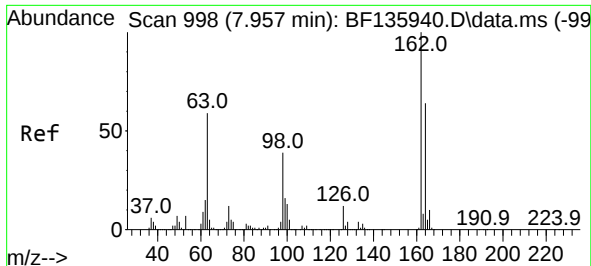
Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Tgt Ion:	93	Resp:	631125
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.9	38.9
123	12.5	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 49.727 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

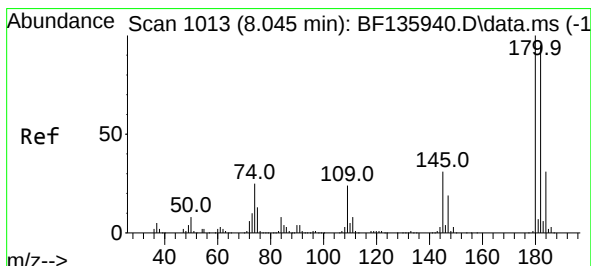
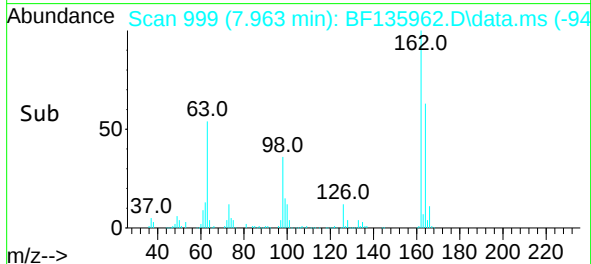
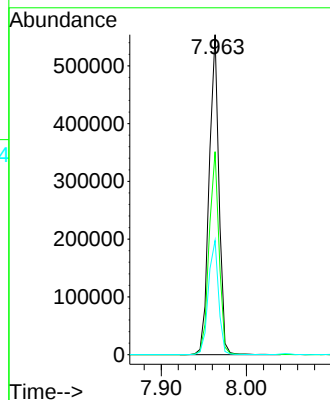
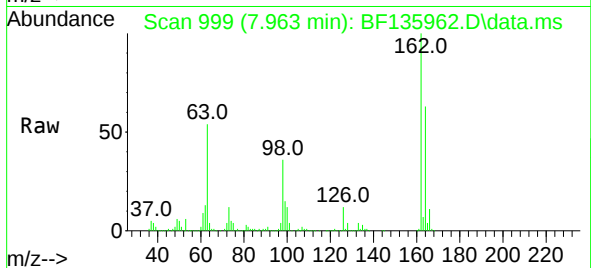
72-11991MS

Tgt Ion:162 Resp: 443320
 Ion Ratio Lower Upper
 162 100
 164 63.4 43.7 83.7
 98 35.7 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.575 ng

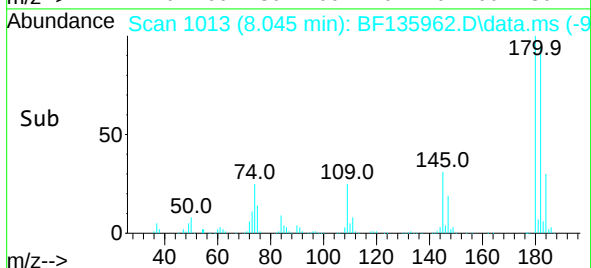
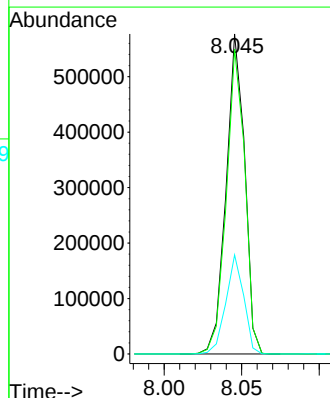
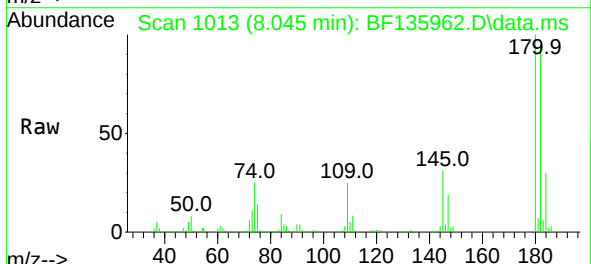
RT: 8.045 min Scan# 1013

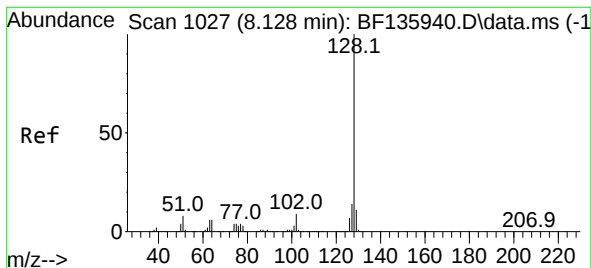
Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

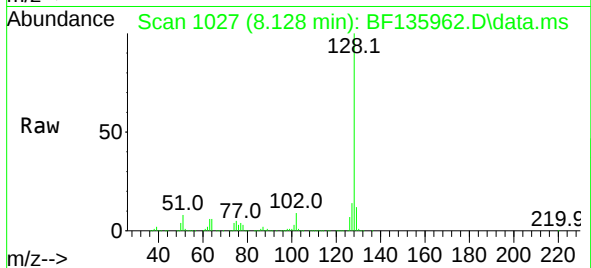
Tgt Ion:180 Resp: 480225
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.0 114.0
 145 31.0 24.6 36.8





#31
Naphthalene
Concen: 45.194 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

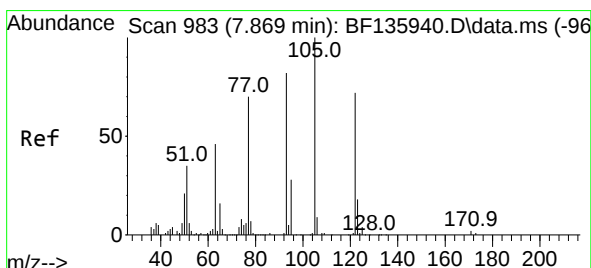
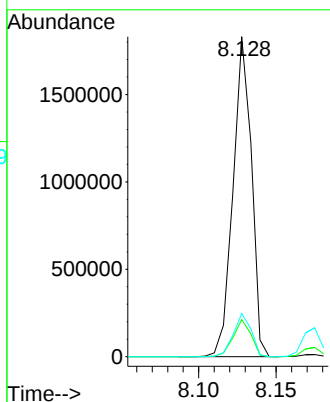
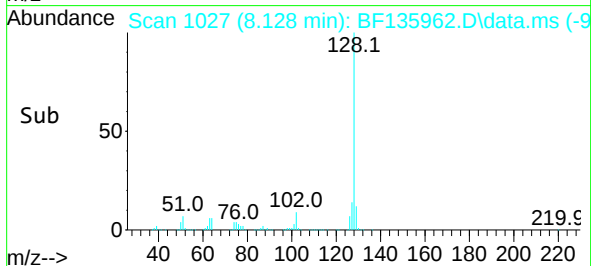
Instrument :
BNA_F
ClientSampleId :
72-11991MS



Tgt Ion:128 Resp: 1510000
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.5 10.9 16.3

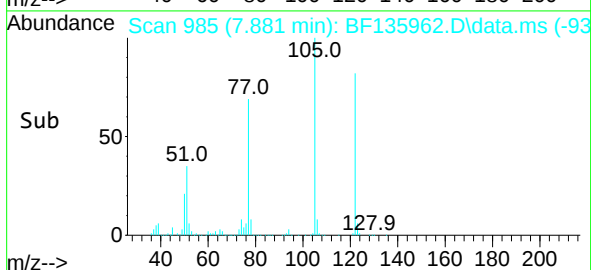
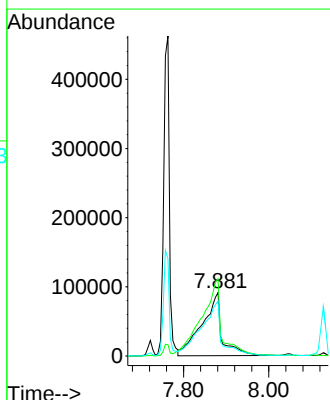
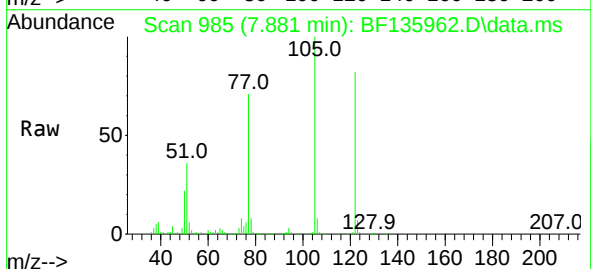
Manual Integrations
APPROVED

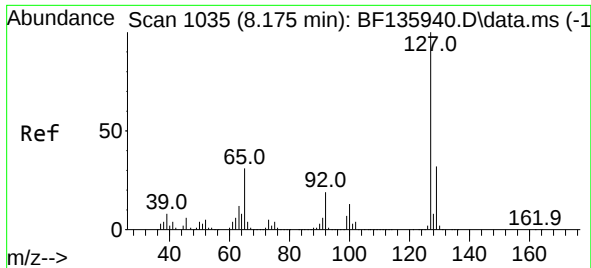
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#32
Benzoic acid
Concen: 56.269 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:122 Resp: 297606
Ion Ratio Lower Upper
122 100
105 121.9 113.1 153.1
77 86.9 75.2 115.2





#33
4-Chloroaniline
Concen: 9.695 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

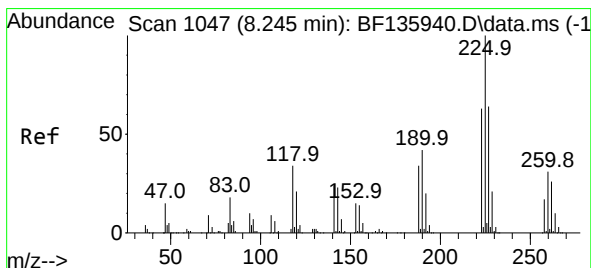
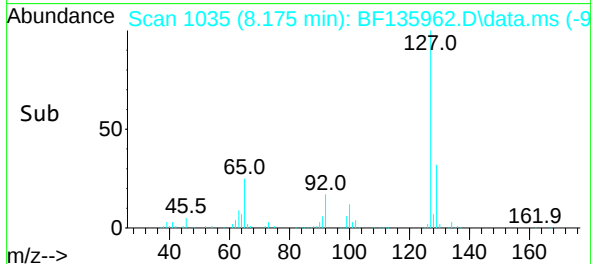
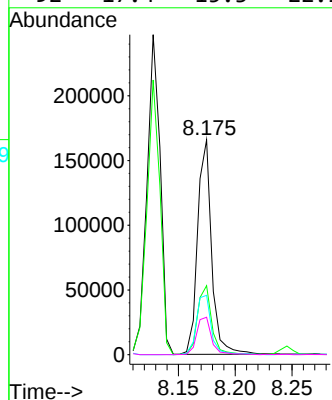
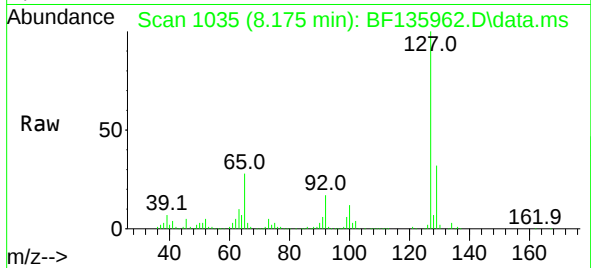
72-11991MS

Tgt Ion:127 Resp: 14317
Ion Ratio Lower Upper
127 100
129 32.1 25.7 38.5
65 27.6 24.8 37.2
92 17.4 15.3 22.9

Manual Integrations

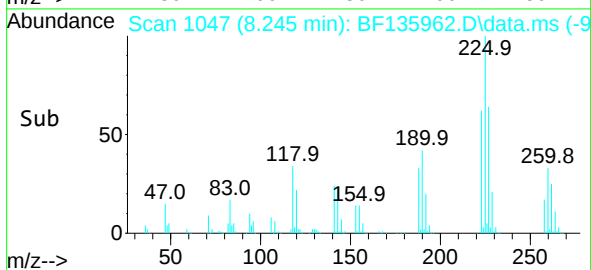
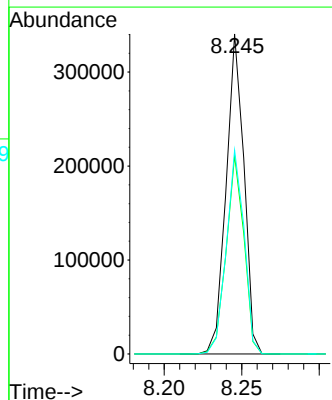
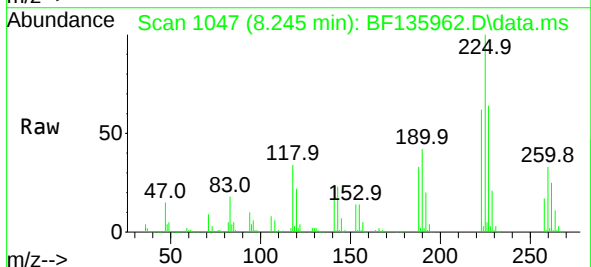
APPROVED

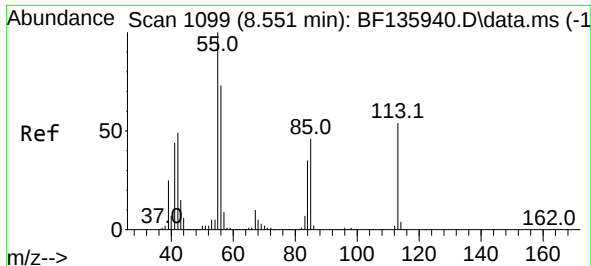
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#34
Hexachlorobutadiene
Concen: 47.665 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

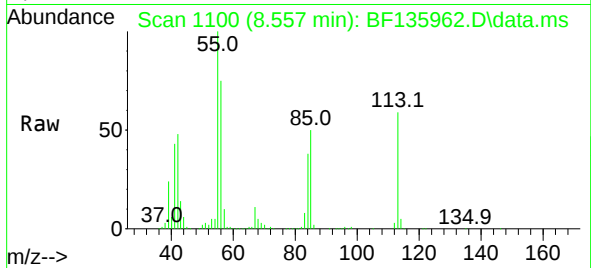
Tgt Ion:225 Resp: 271185
Ion Ratio Lower Upper
225 100
223 61.9 50.6 75.8
227 63.7 50.9 76.3





#35
 Caprolactam
 Concen: 51.174 ng m
 RT: 8.557 min Scan# 1100
 Delta R.T. 0.006 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31

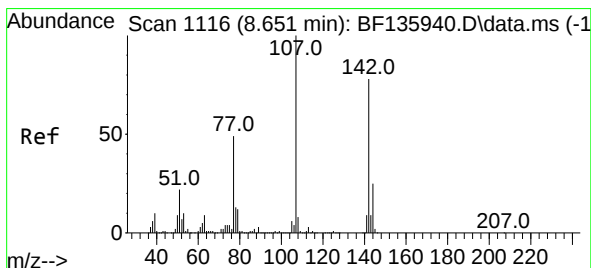
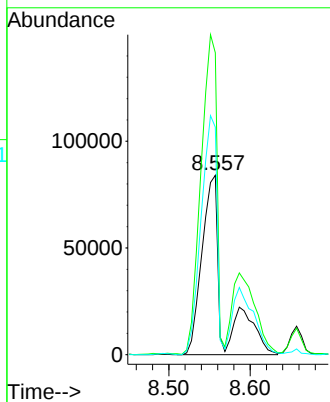
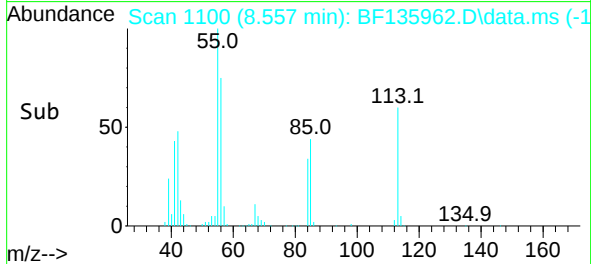
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS



Tgt Ion:113 Resp: 15182
 Ion Ratio Lower Upper
 113 100
 55 168.3 165.4 205.4
 56 126.8 115.2 155.2

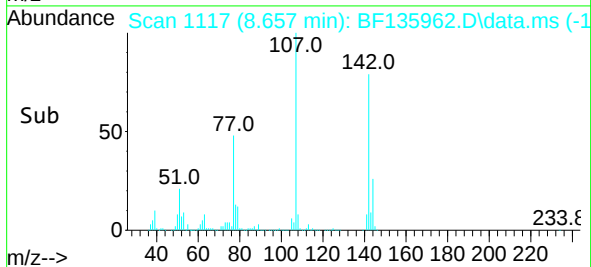
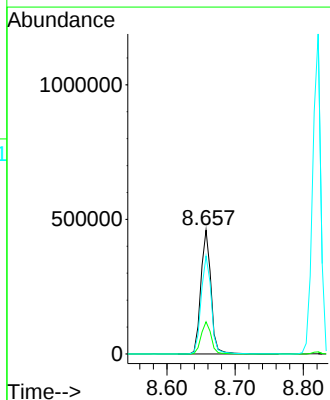
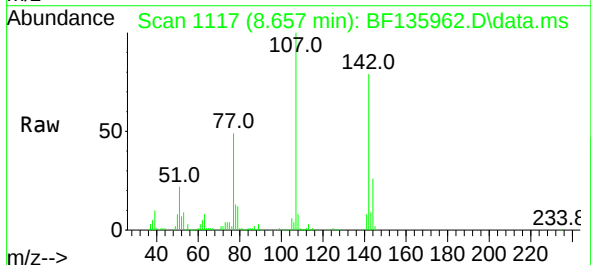
Manual Integrations
 APPROVED

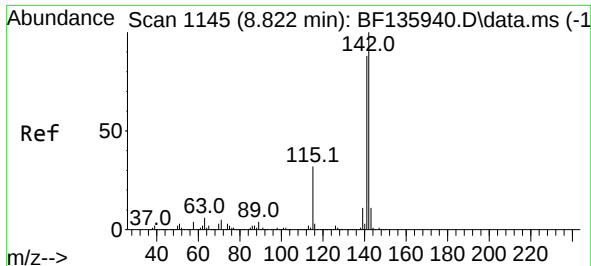
Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023



#36
 4-Chloro-3-methylphenol
 Concen: 49.943 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31

Tgt Ion:107 Resp: 473163
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.9 29.9
 142 79.2 62.8 94.2





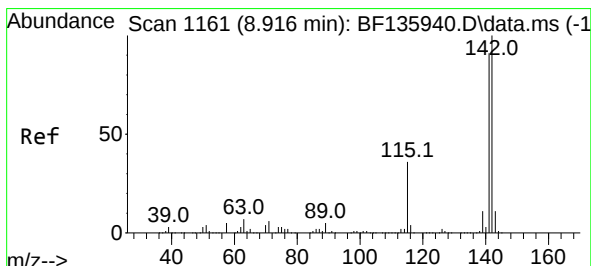
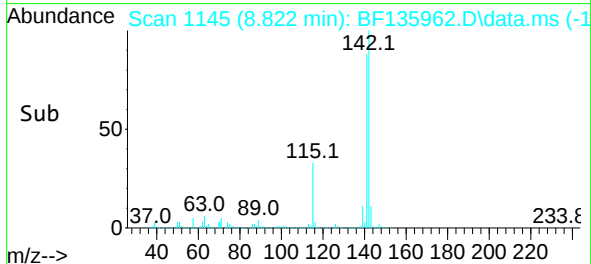
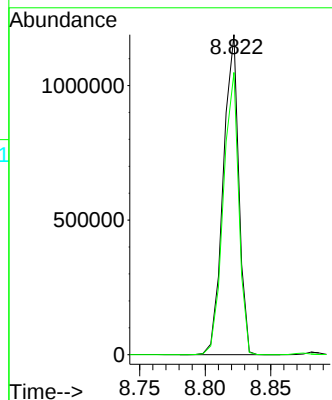
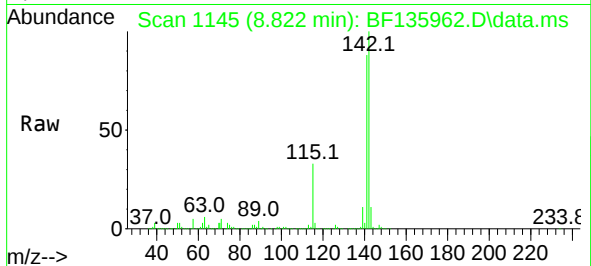
#37
2-Methylnaphthalene
Concen: 44.202 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tgt Ion:142 Resp: 977130
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6

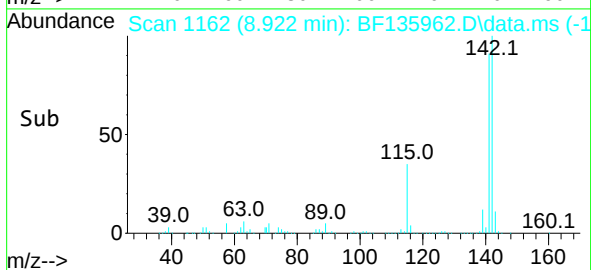
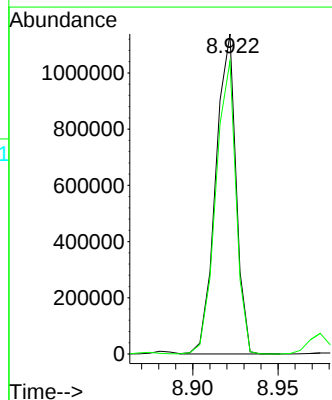
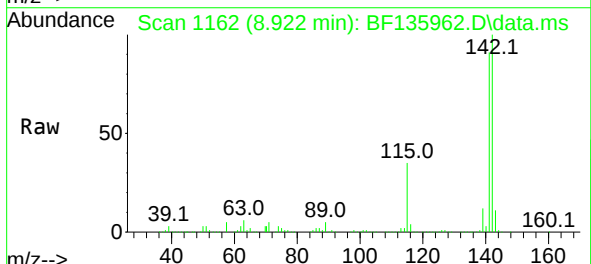
Manual Integrations
APPROVED

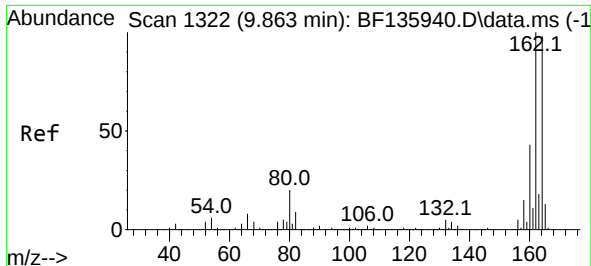
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#38
1-Methylnaphthalene
Concen: 45.735 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

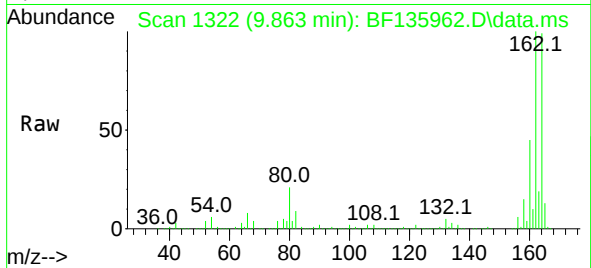
Tgt Ion:142 Resp: 944715
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

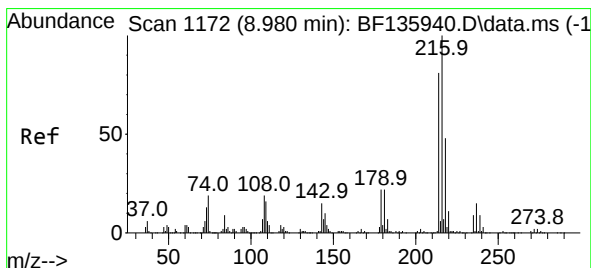
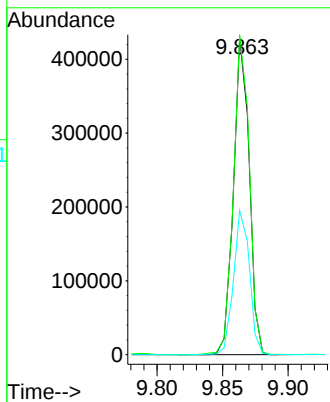
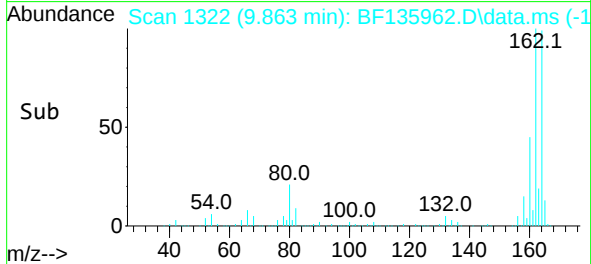
Instrument :
BNA_F
ClientSampleId :
72-11991MS



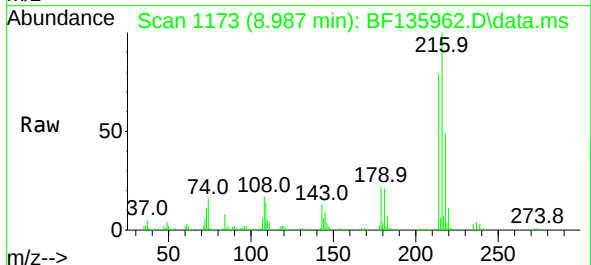
Tgt Ion:164 Resp: 359004
Ion Ratio Lower Upper
164 100
162 100.9 82.0 123.0
160 45.5 35.6 53.4

Manual Integrations
APPROVED

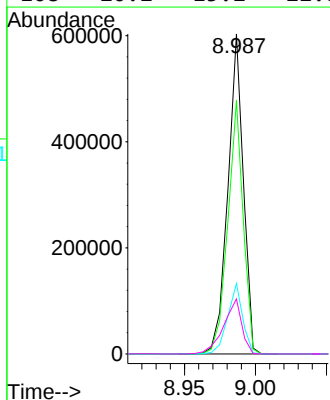
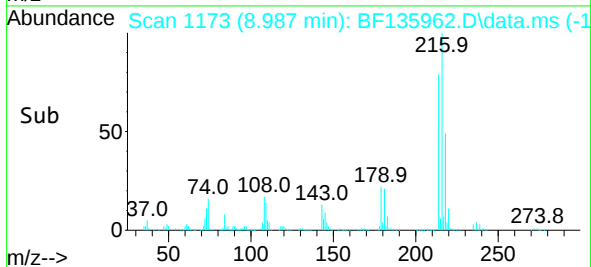
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

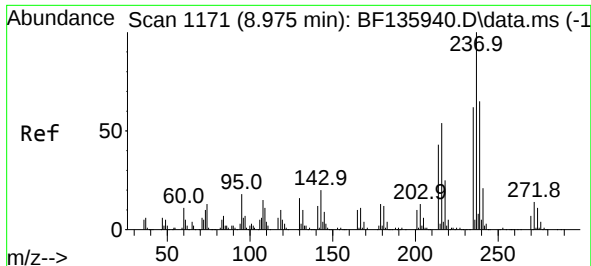


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.968 ng
RT: 8.987 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



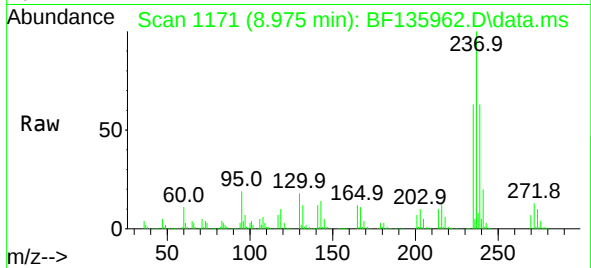
Tgt Ion:216 Resp: 455966
Ion Ratio Lower Upper
216 100
214 78.7 63.3 94.9
179 21.4 17.3 25.9
108 20.2 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 98.985 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

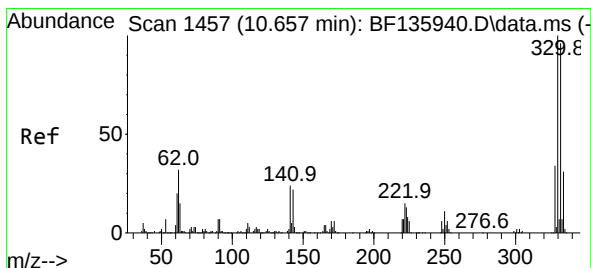
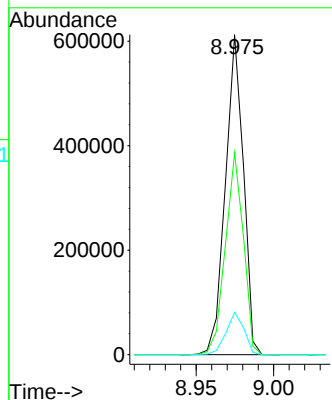
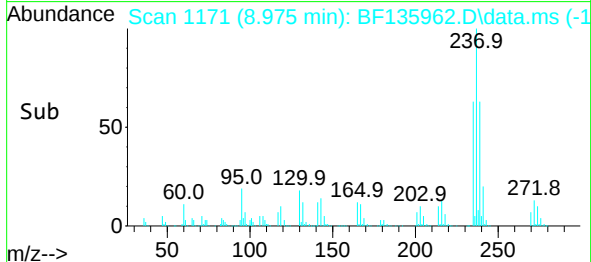
Instrument :
BNA_F
ClientSampleId :
72-11991MS



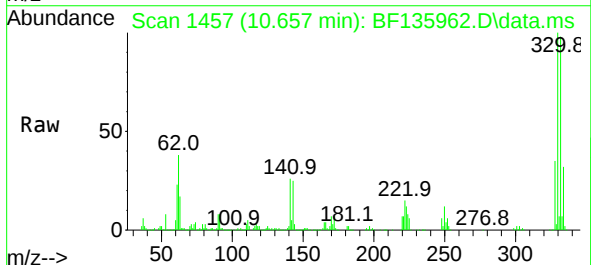
Tgt Ion: 237 Resp: 494899
Ion Ratio Lower Upper
237 100
235 63.1 41.7 81.7
272 13.3 0.0 33.6

Manual Integrations
APPROVED

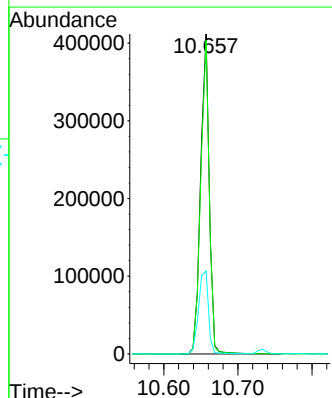
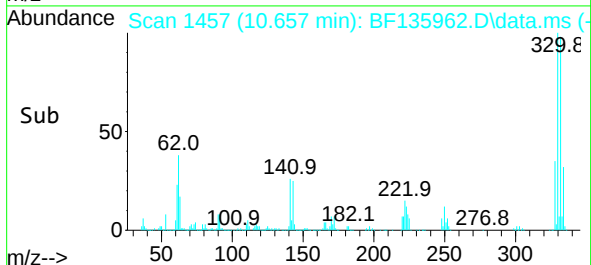
Reviewed By : Yogesh Patel 10/27/2023
Supervised By : mohammad ahmed 10/27/2023

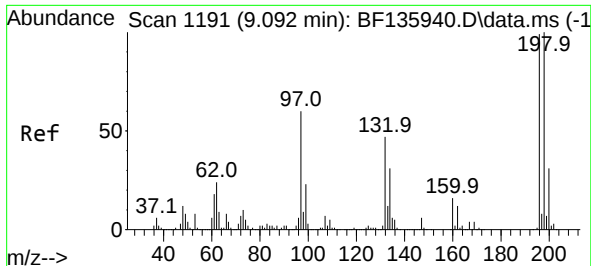


#42
2,4,6-Tribromophenol
Concen: 105.844 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



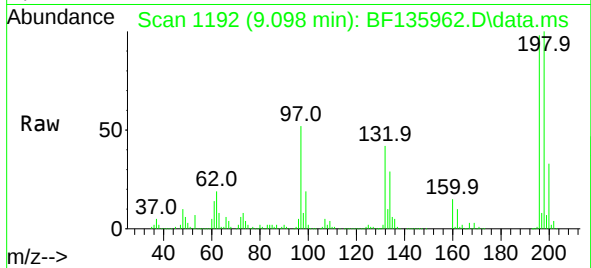
Tgt Ion: 330 Resp: 332599
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 29.9 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 51.521 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

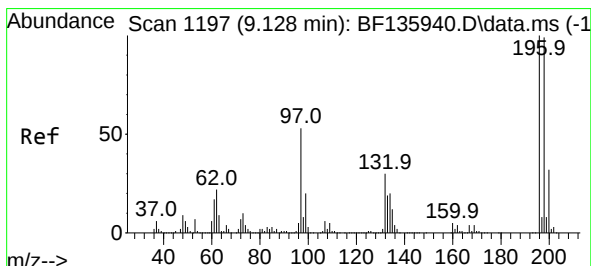
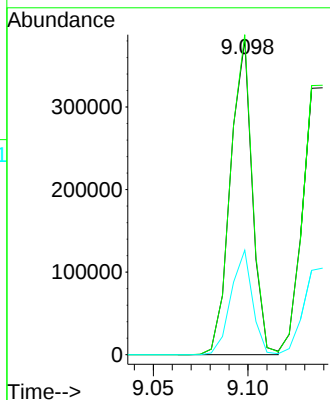
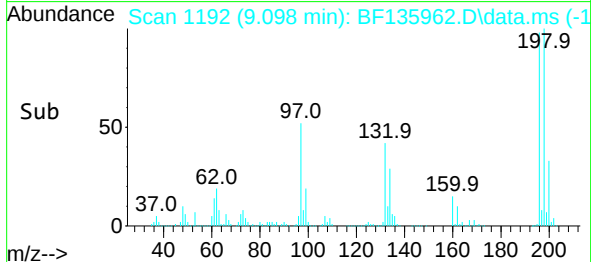
Instrument :
BNA_F
ClientSampleId :
72-11991MS



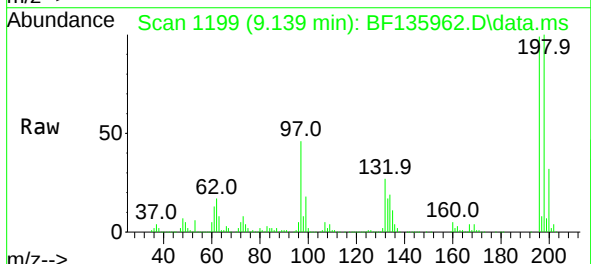
Tgt Ion:196 Resp: 30575
Ion Ratio Lower Upper
196 100
198 101.7 81.0 121.4
200 33.2 25.4 38.0

Manual Integrations
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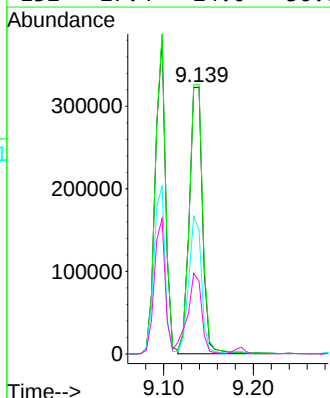
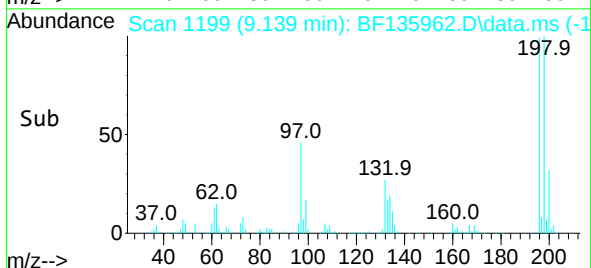
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

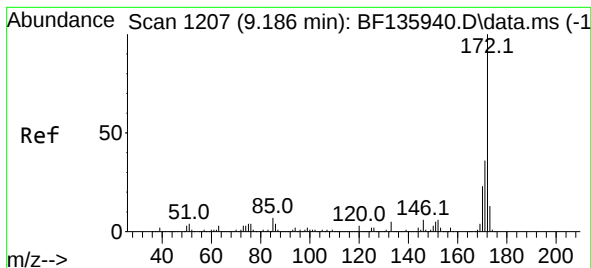


#44
2,4,5-Trichlorophenol
Concen: 47.244 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



Tgt Ion:196 Resp: 332894
Ion Ratio Lower Upper
196 100
198 100.9 79.1 118.7
97 46.3 42.3 63.5
132 27.4 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 58.333 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

Tgt Ion:172 Resp: 1307840

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

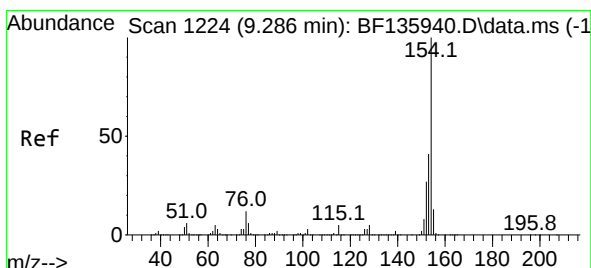
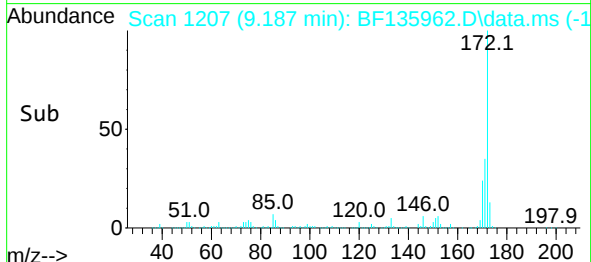
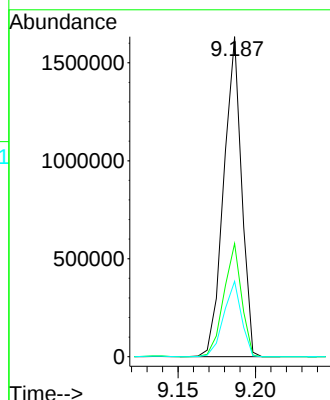
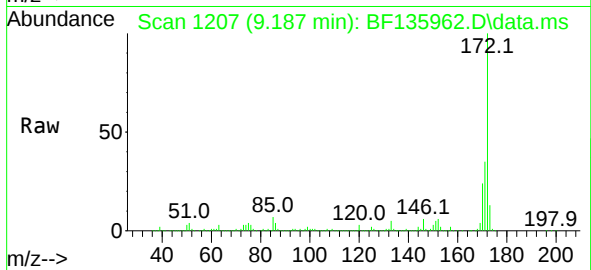
170 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#46

1,1'-Biphenyl

Concen: 45.710 ng

RT: 9.287 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

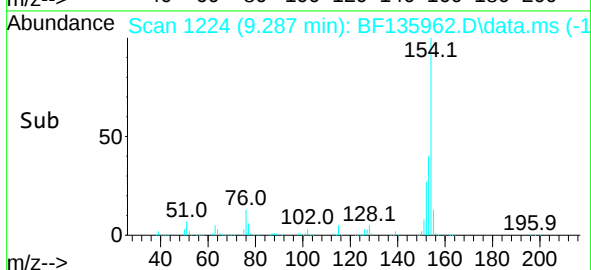
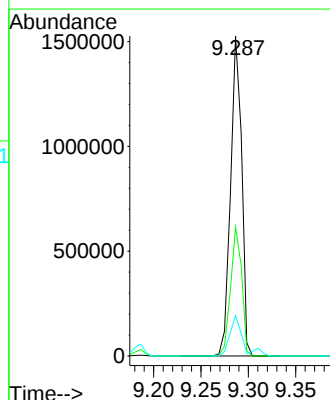
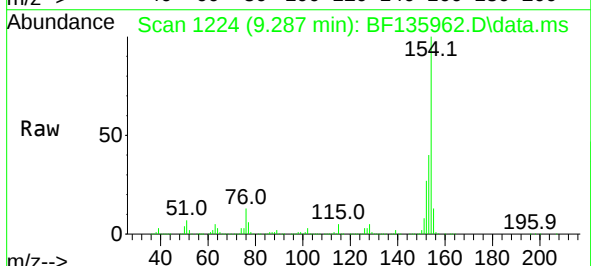
Tgt Ion:154 Resp: 1243450

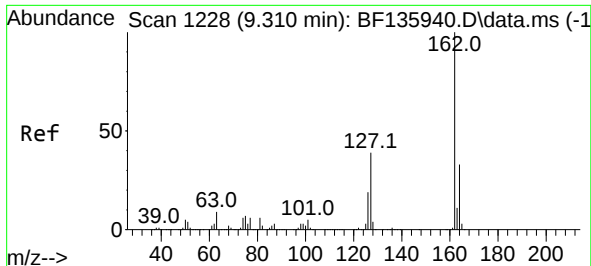
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 12.7 0.0 32.4





#47

2-Chloronaphthalene

Concen: 46.351 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

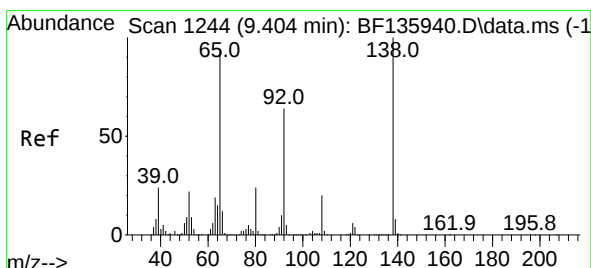
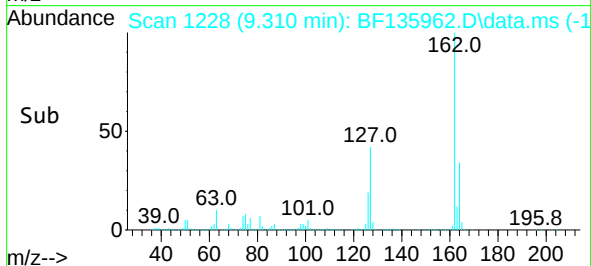
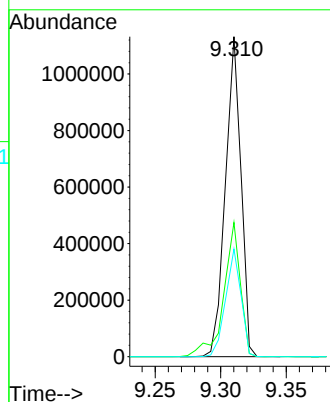
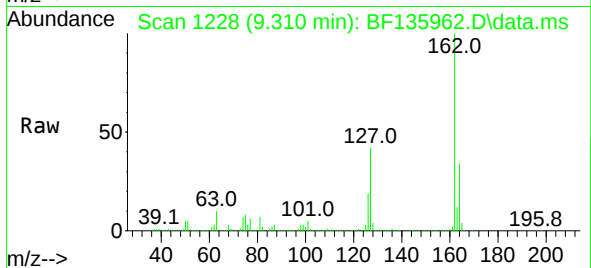
72-11991MS

Tgt Ion:	162	Resp:	93261
Ion Ratio	Lower	Upper	
162	100		
127	41.9	31.0	46.4
164	33.6	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#48

2-Nitroaniline

Concen: 50.588 ng

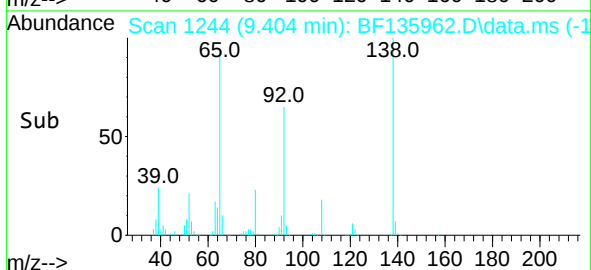
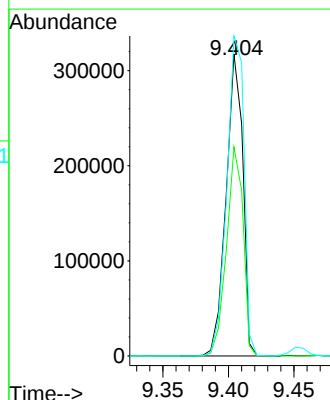
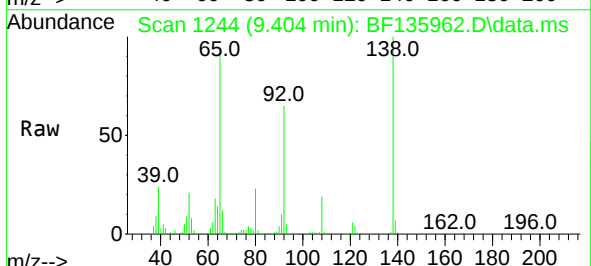
RT: 9.404 min Scan# 1244

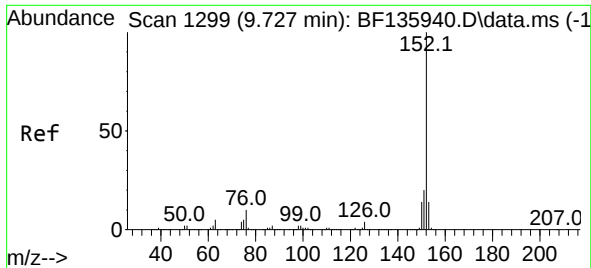
Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

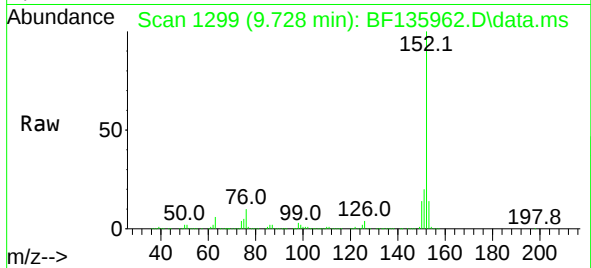
Tgt Ion:	65	Resp:	281440
Ion Ratio	Lower	Upper	
65	100		
92	69.2	54.9	82.3
138	106.0	85.2	127.8





#49
Acenaphthylene
Concen: 46.628 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

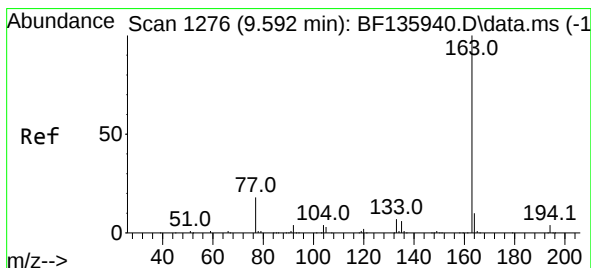
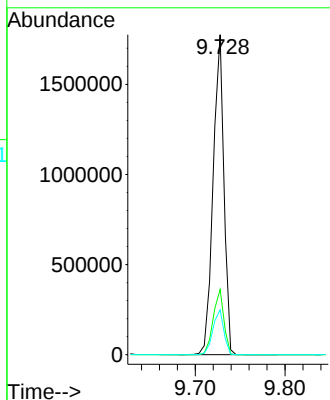
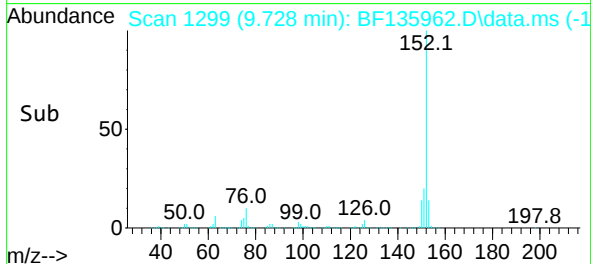
Instrument :
BNA_F
ClientSampleId :
72-11991MS



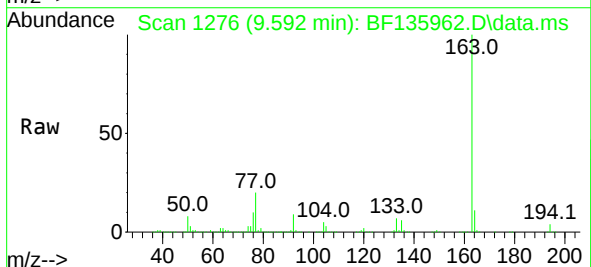
Tgt Ion:152 Resp: 1480099
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.0 11.0 16.6

Manual Integrations
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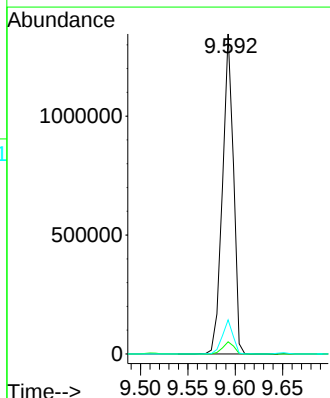
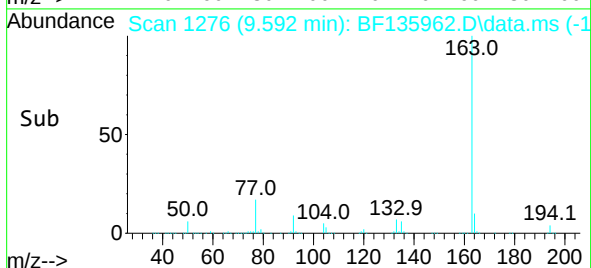
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

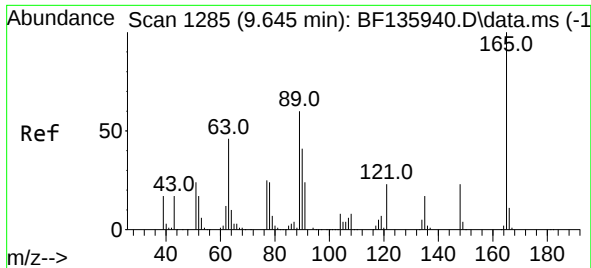


#50
Dimethylphthalate
Concen: 46.641 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



Tgt Ion:163 Resp: 1085854
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.6 8.3 12.5





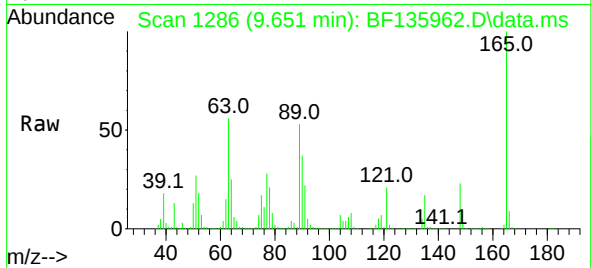
#51
2,6-Dinitrotoluene
Concen: 49.556 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

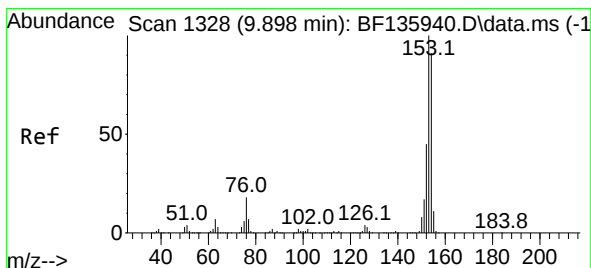
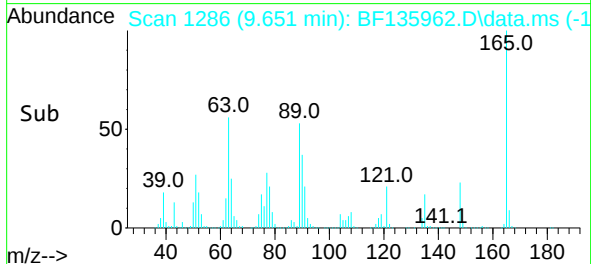
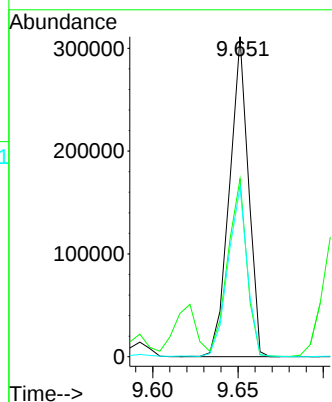


Tgt Ion:165 Resp: 240034
Ion Ratio Lower Upper
165 100
63 55.6 51.7 77.5
89 53.1 48.3 72.5

Manual Integrations

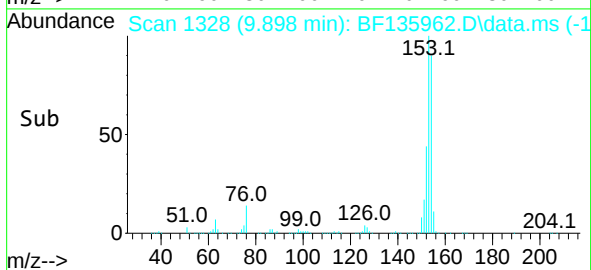
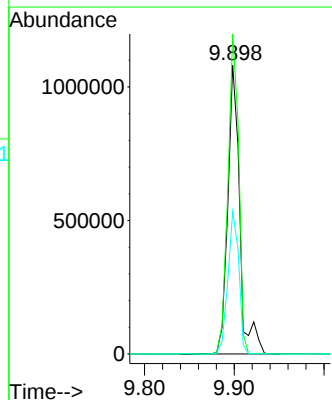
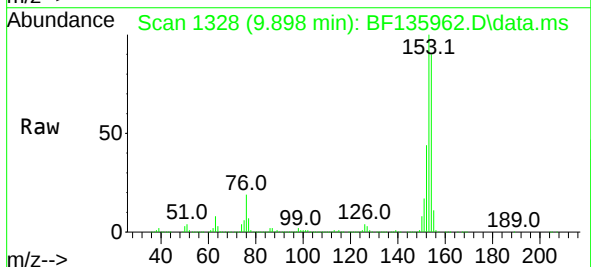
APPROVED

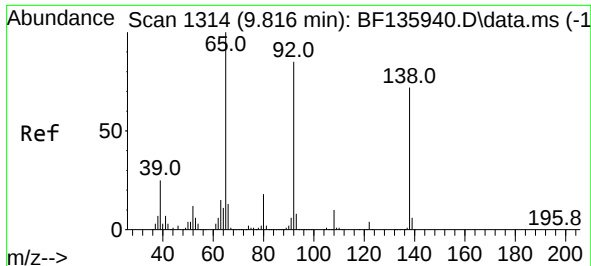
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#52
Acenaphthene
Concen: 48.805 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:154 Resp: 992848
Ion Ratio Lower Upper
154 100
153 110.8 88.0 132.0
152 49.3 39.4 59.2





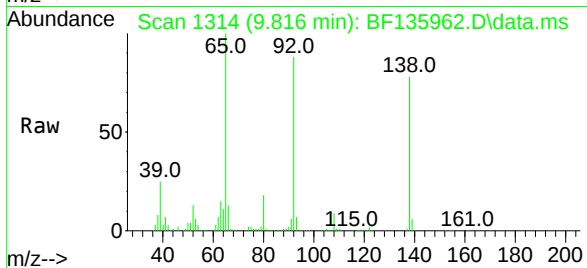
#53
3-Nitroaniline
Concen: 27.907 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS



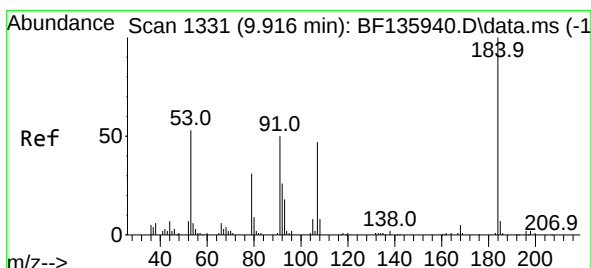
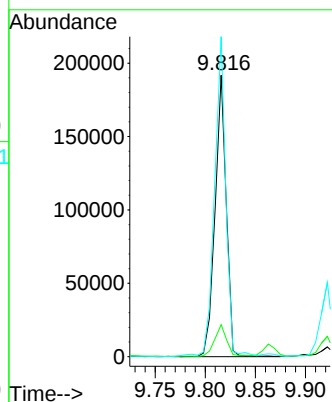
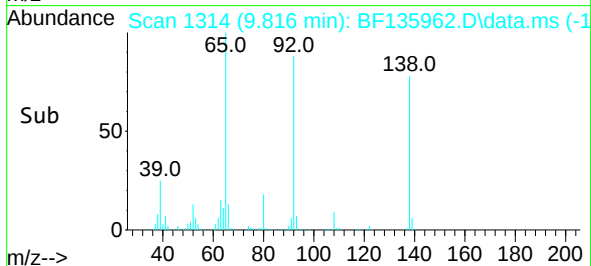
Tgt Ion:138 Resp: 14898
Ion Ratio Lower Upper
138 100
108 11.4 11.3 16.9
92 113.7 95.0 142.6

Manual Integrations

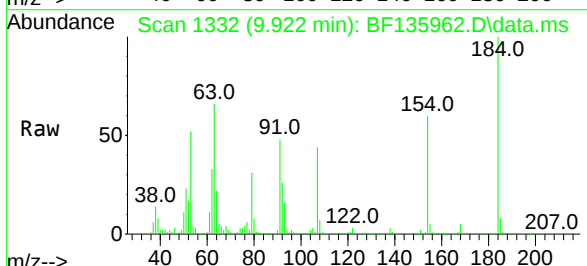
APPROVED

Reviewed By :Yogesh Patel 10/27/2023

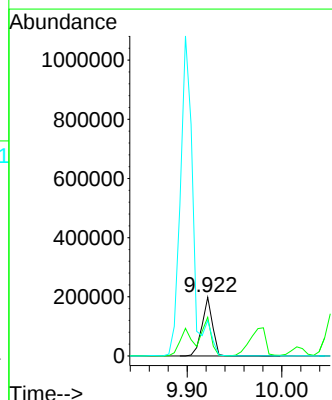
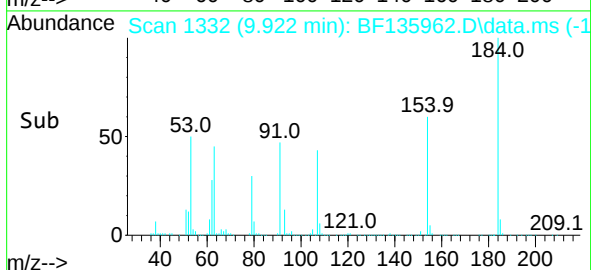
Supervised By :mohammad ahmed 10/27/2023

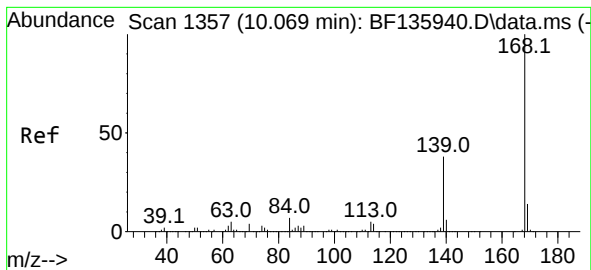


#54
2,4-Dinitrophenol
Concen: 81.939 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



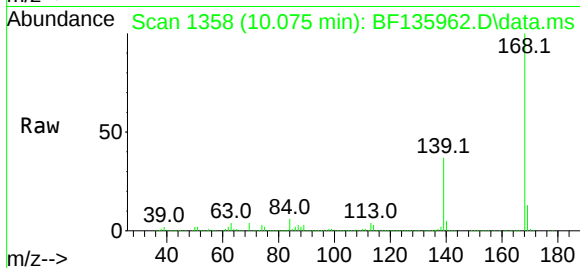
Tgt Ion:184 Resp: 153289
Ion Ratio Lower Upper
184 100
63 66.0 56.3 84.5
154 60.3 48.1 72.1





#55
Dibenzenofuran
Concen: 46.254 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

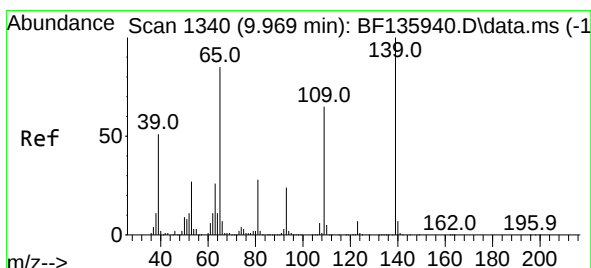
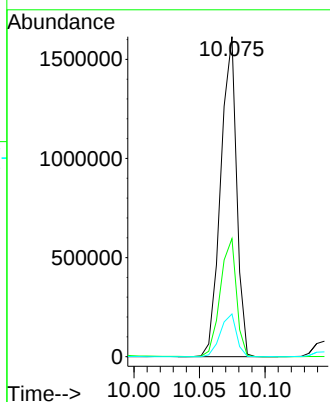
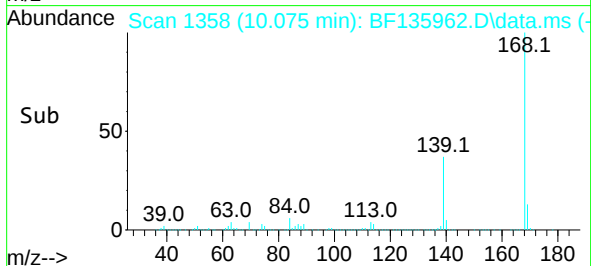
Instrument :
BNA_F
ClientSampleId :
72-11991MS



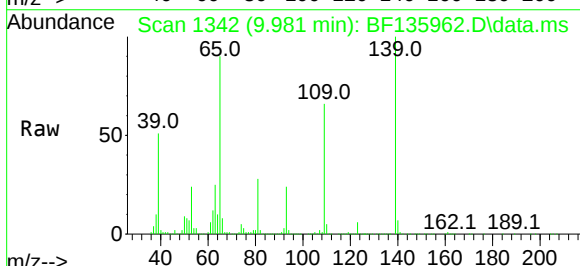
Tgt Ion:168 Resp: 135934
Ion Ratio Lower Upper
168 100
139 36.9 30.7 46.1
169 13.3 11.1 16.7

Manual Integrations
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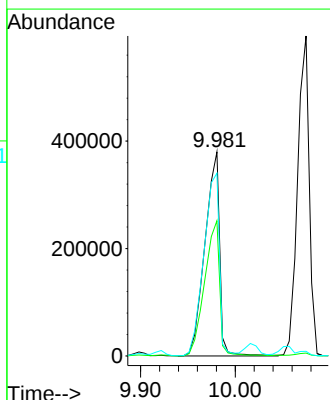
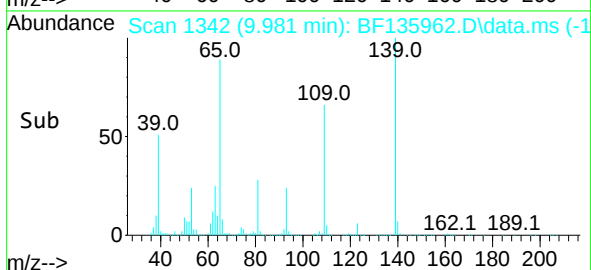
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

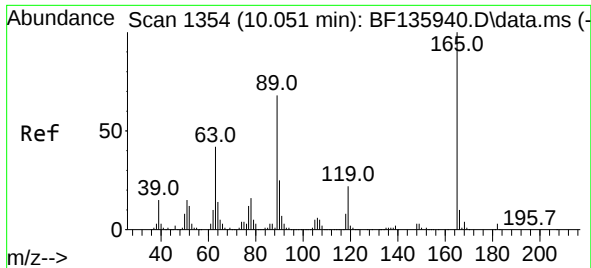


#56
4-Nitrophenol
Concen: 86.737 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



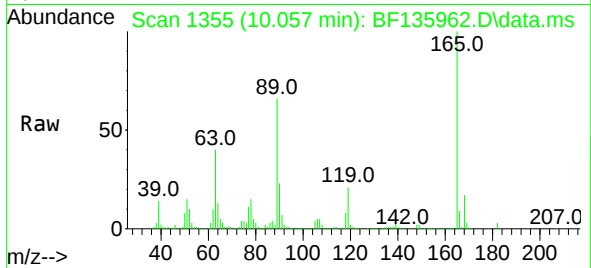
Tgt Ion:139 Resp: 410017
Ion Ratio Lower Upper
139 100
109 66.3 45.2 85.2
65 89.5 65.1 105.1





#57
2,4-Dinitrotoluene
Concen: 51.184 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

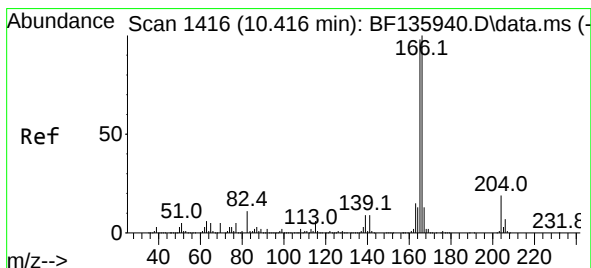
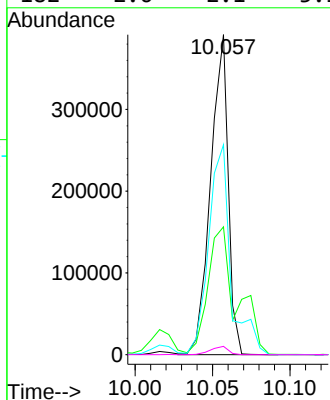
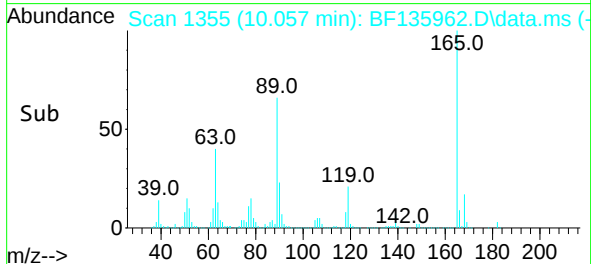
Instrument :
BNA_F
ClientSampleId :
72-11991MS



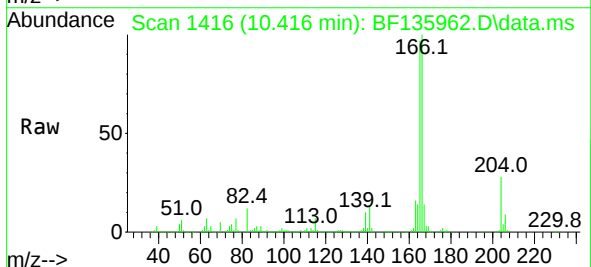
Tgt Ion:165 Resp: 308420
Ion Ratio Lower Upper
165 100
63 40.0 33.7 50.5
89 65.6 54.6 81.8
182 2.6 2.1 3.1

Manual Integrations
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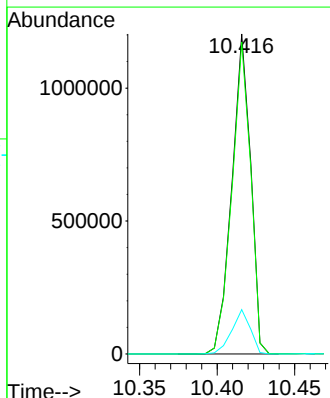
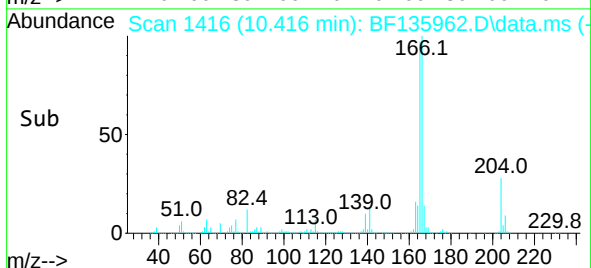
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

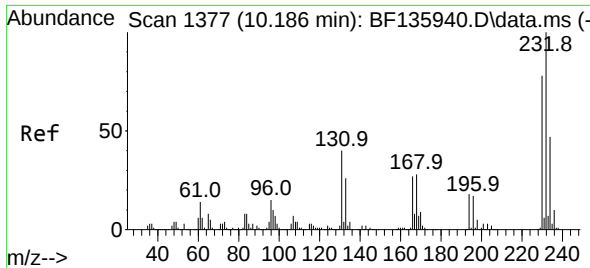


#58
Fluorene
Concen: 46.099 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



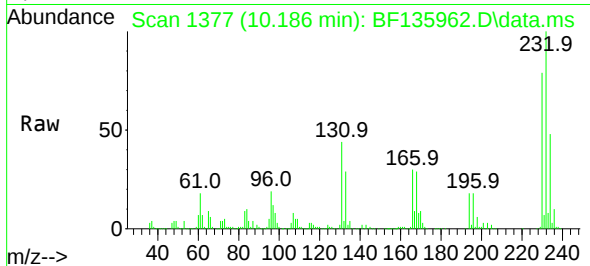
Tgt Ion:166 Resp: 1013585
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.9 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.811 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

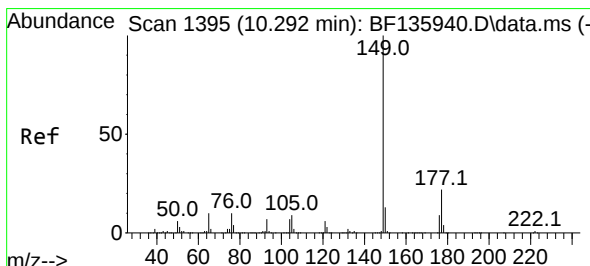
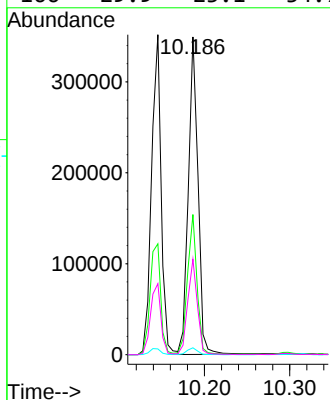
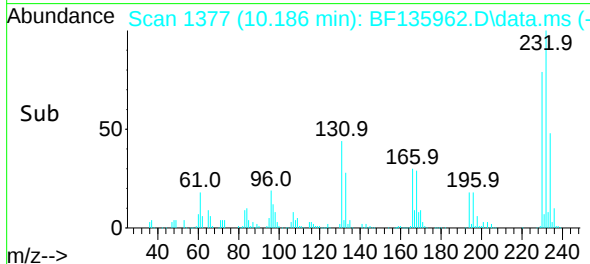
Instrument :
BNA_F
ClientSampleId :
72-11991MS



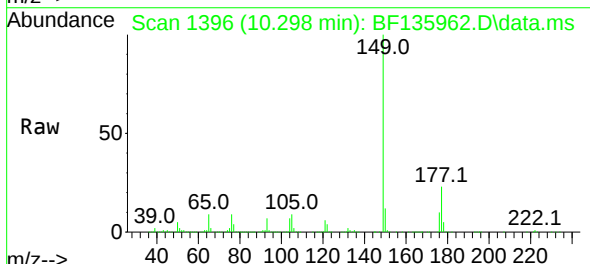
Tgt Ion:232 Resp: 274715
Ion Ratio Lower Upper
232 100
131 43.3 35.2 52.8
130 2.3 1.7 2.5
166 29.9 23.1 34.7

Manual Integrations
APPROVED

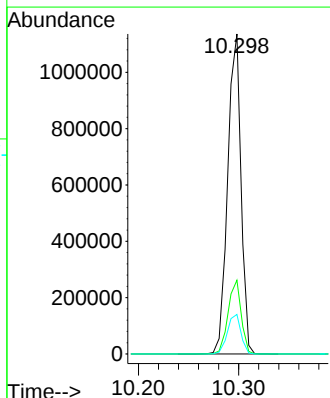
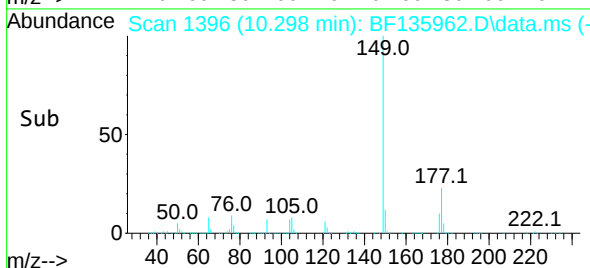
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

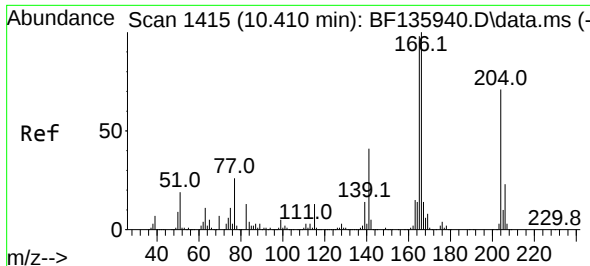


#60
Diethylphthalate
Concen: 46.918 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



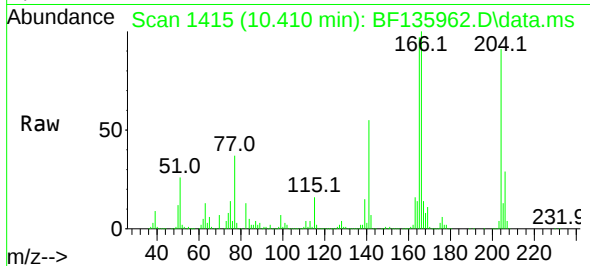
Tgt Ion:149 Resp: 1041622
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.782 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

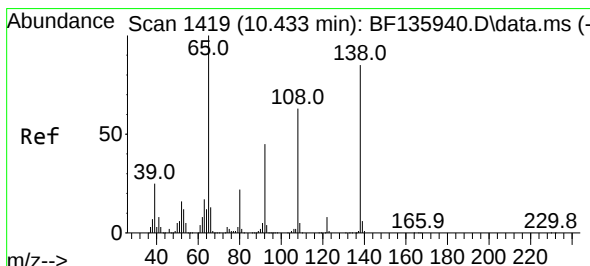
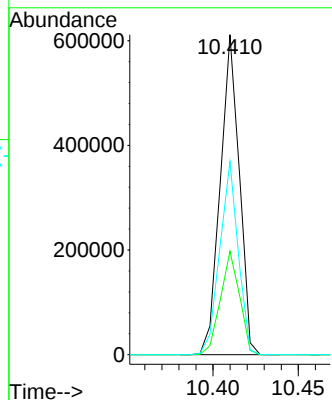
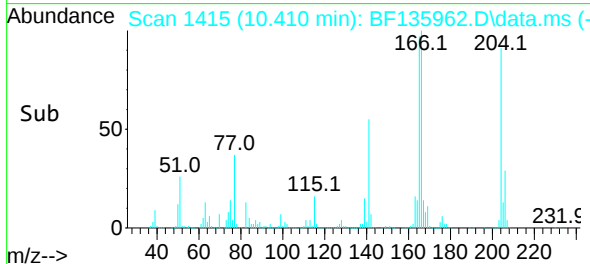
Instrument :
BNA_F
ClientSampleId :
72-11991MS



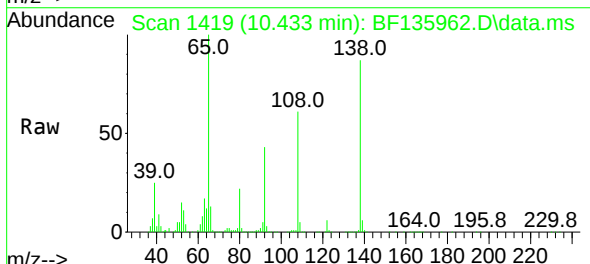
Tgt Ion:204 Resp: 474962
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 60.4 46.2 69.2

Manual Integrations
APPROVED

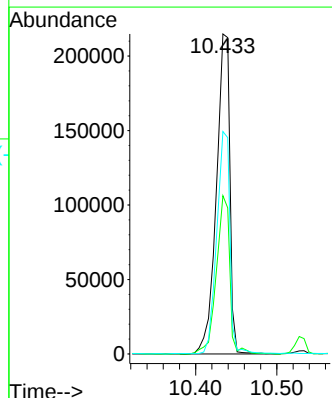
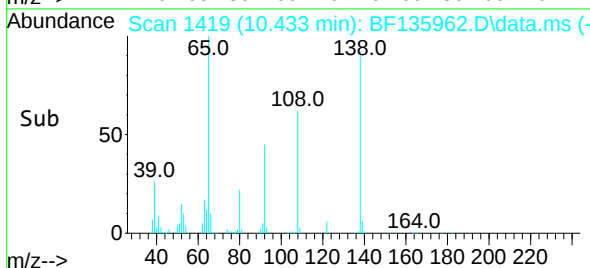
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

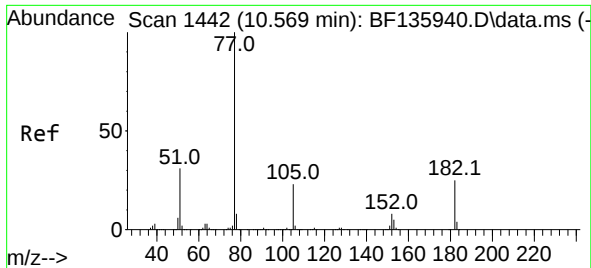


#62
4-Nitroaniline
Concen: 43.915 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



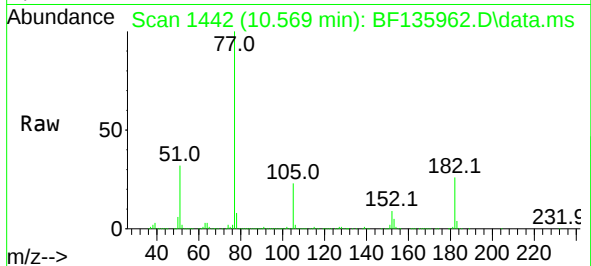
Tgt Ion:138 Resp: 248621
Ion Ratio Lower Upper
138 100
92 49.5 32.9 72.9
108 69.5 53.5 93.5





#63
Azobenzene
Concen: 45.067 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

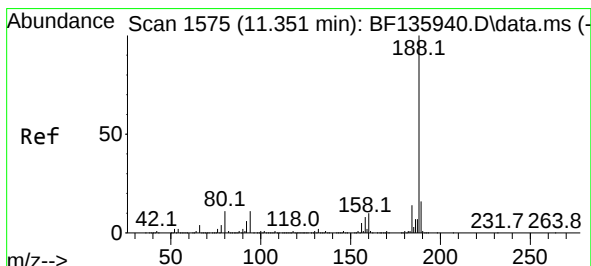
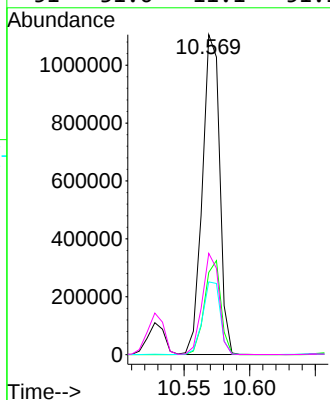
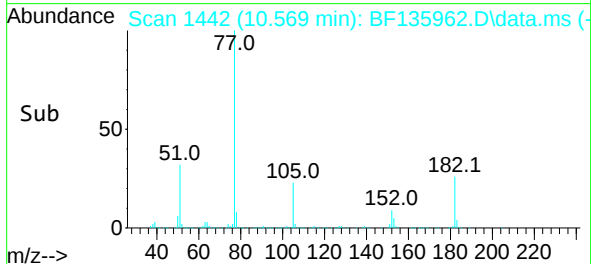
Instrument :
BNA_F
ClientSampleId :
72-11991MS



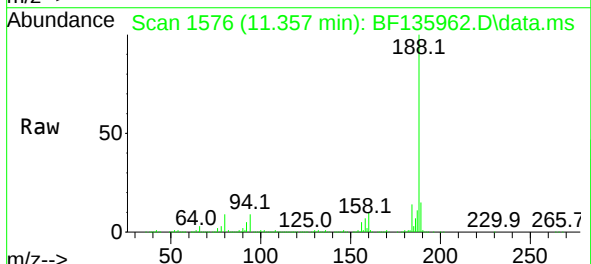
Tgt Ion: 77 Resp: 1015340
Ion Ratio Lower Upper
77 100
182 25.7 5.1 45.1
105 22.7 2.8 42.8
51 31.6 11.1 51.1

Manual Integrations
APPROVED

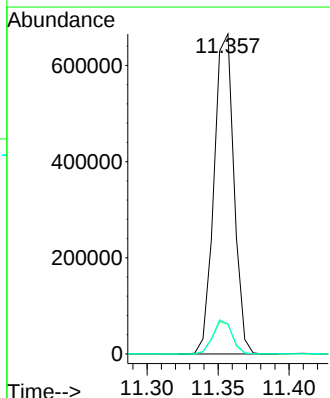
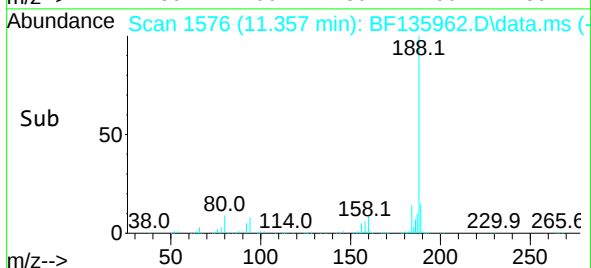
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

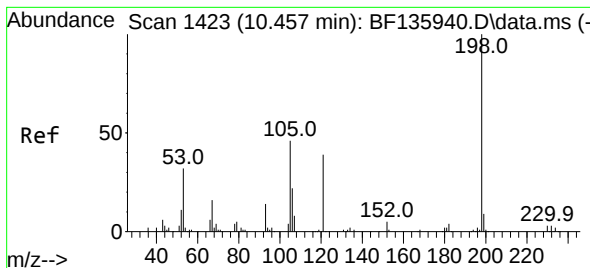


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



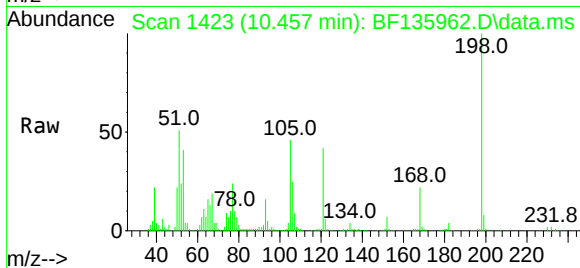
Tgt Ion:188 Resp: 649262
Ion Ratio Lower Upper
188 100
94 9.3 8.6 13.0
80 9.3 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 52.503 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

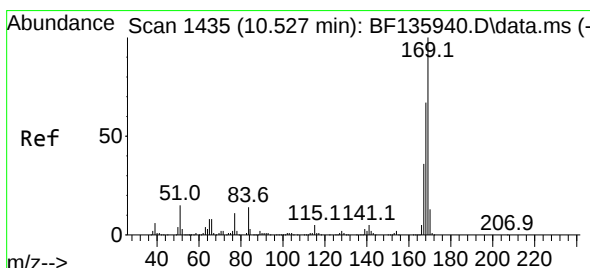
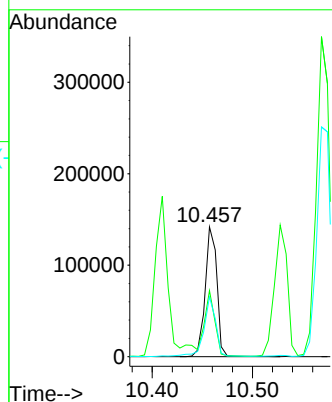
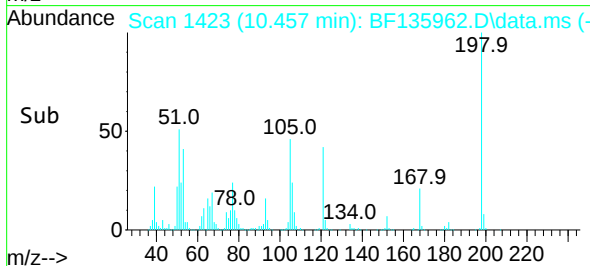
Instrument :
BNA_F
ClientSampleId :
72-11991MS



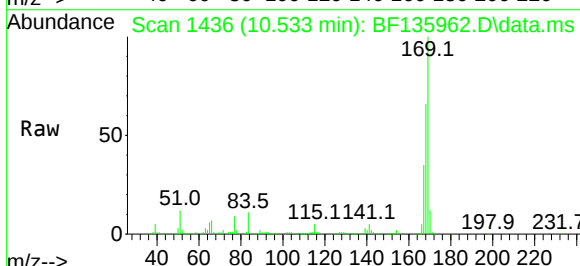
Tgt Ion:198 Resp: 11564
Ion Ratio Lower Upper
198 100
51 50.9 28.7 68.7
105 46.2 27.2 67.2

Manual Integrations
APPROVED

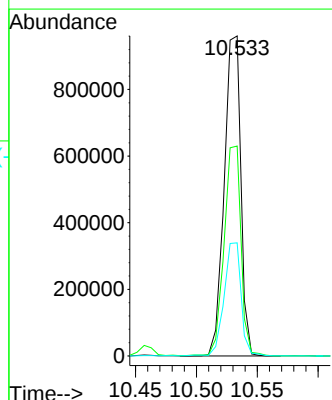
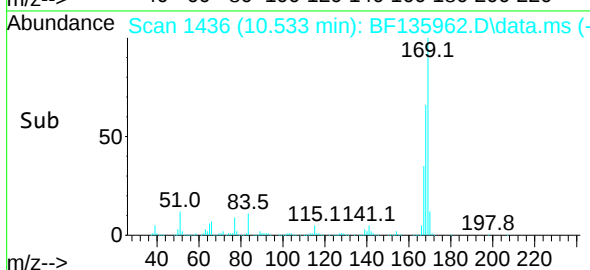
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

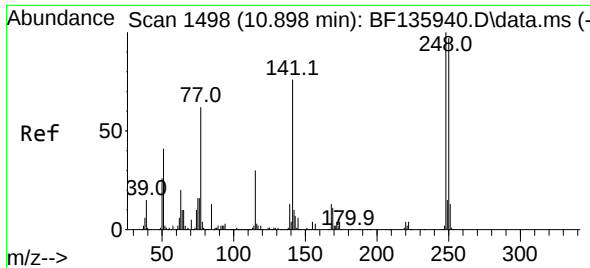


#66
n-Nitrosodiphenylamine
Concen: 46.579 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



Tgt Ion:169 Resp: 913606
Ion Ratio Lower Upper
169 100
168 65.6 53.5 80.3
167 35.3 29.0 43.4





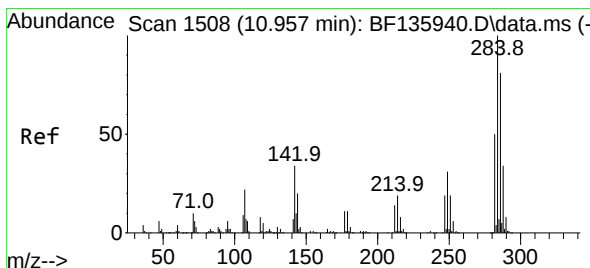
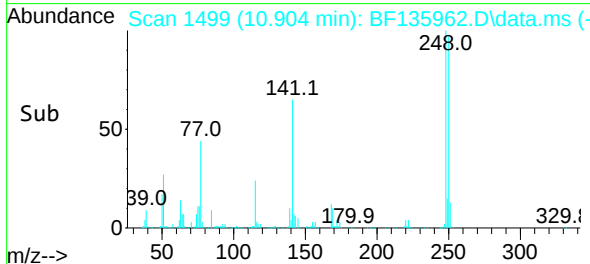
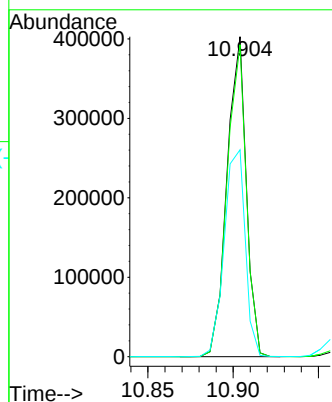
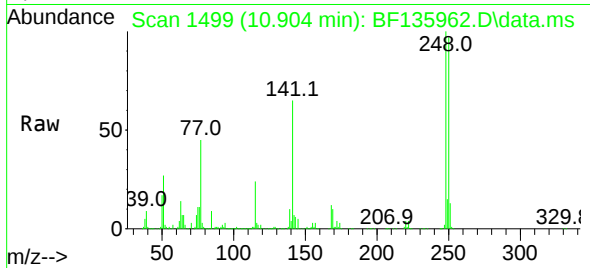
#67
4-Bromophenyl-phenylether
Concen: 47.691 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tgt Ion:248 Resp: 31710
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 64.6 60.8 91.2

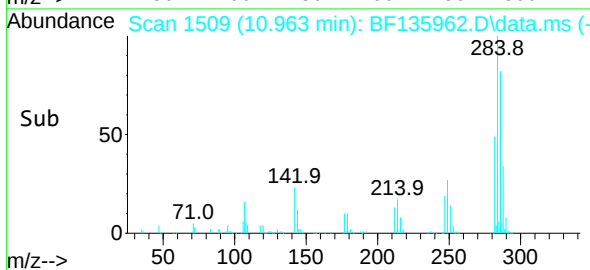
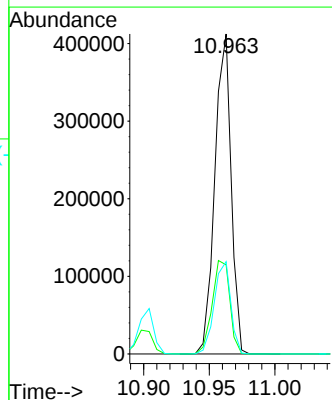
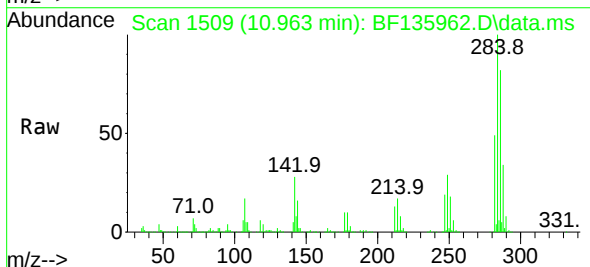
Manual Integrations
APPROVED

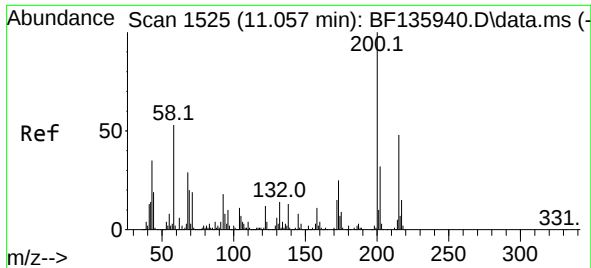
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#68
Hexachlorobenzene
Concen: 49.974 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

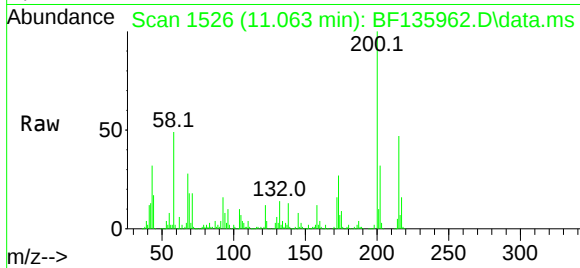
Tgt Ion:284 Resp: 354959
Ion Ratio Lower Upper
284 100
142 27.8 27.6 41.4
249 28.8 24.7 37.1





#69
 Atrazine
 Concen: 57.696 ng
 RT: 11.063 min Scan# 11063
 Delta R.T. 0.006 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31

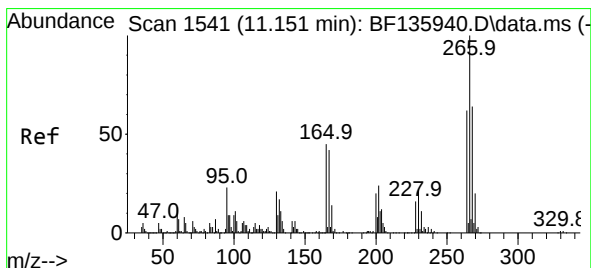
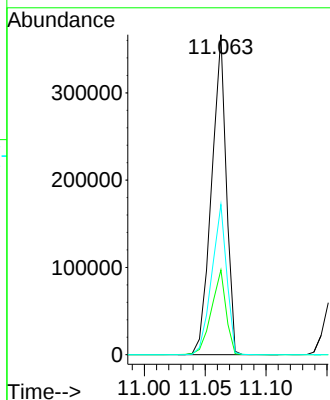
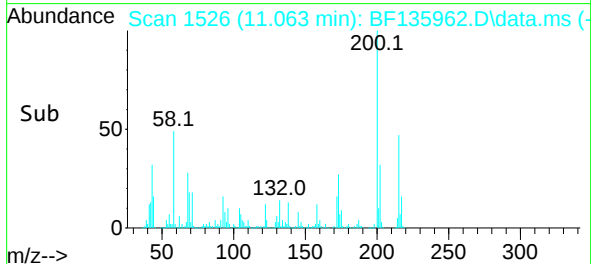
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS



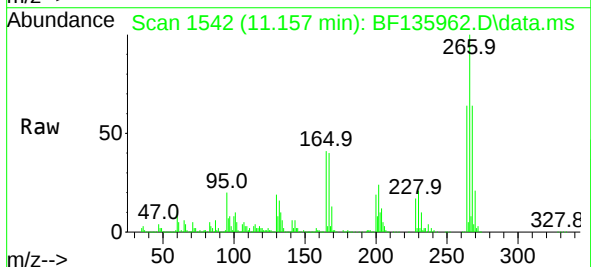
Tgt Ion:200 Resp: 30849
 Ion Ratio Lower Upper
 200 100
 173 26.5 5.5 45.5
 215 46.9 27.5 67.5

Manual Integrations
 APPROVED

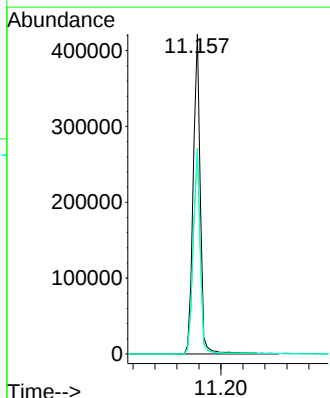
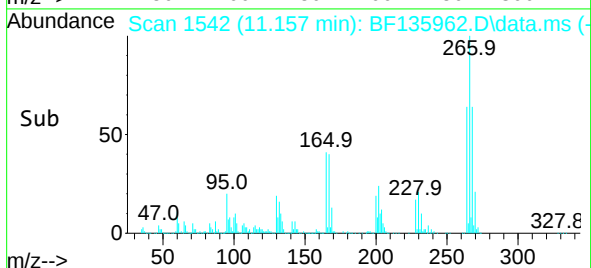
Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

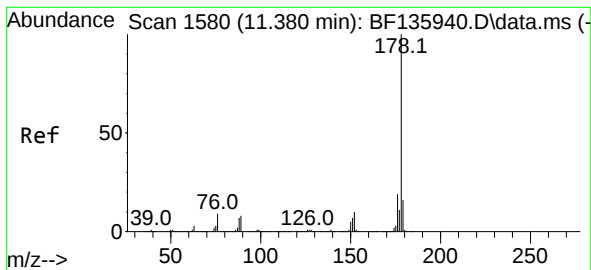


#70
 Pentachlorophenol
 Concen: 83.376 ng
 RT: 11.157 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31



Tgt Ion:266 Resp: 376325
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.8 76.2
 264 63.5 49.8 74.6





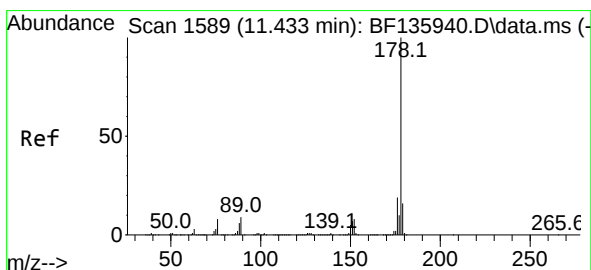
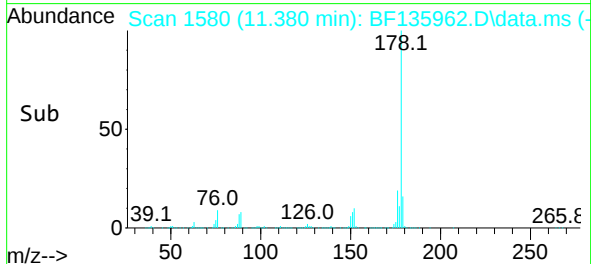
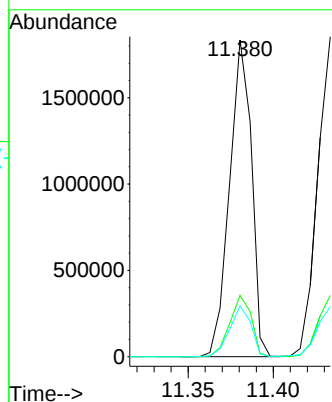
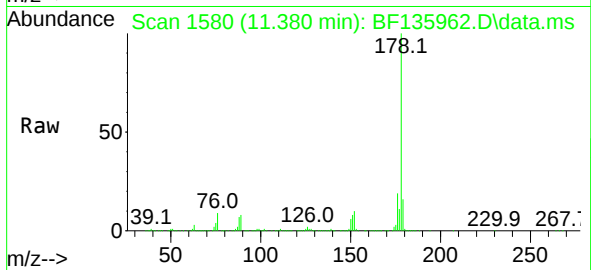
#71
Phenanthrene
Concen: 50.084 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tgt Ion:178 Resp: 1645159
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.0 12.5 18.7

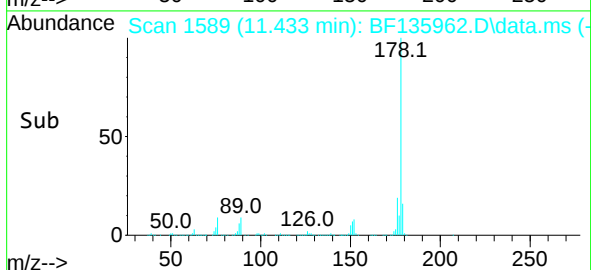
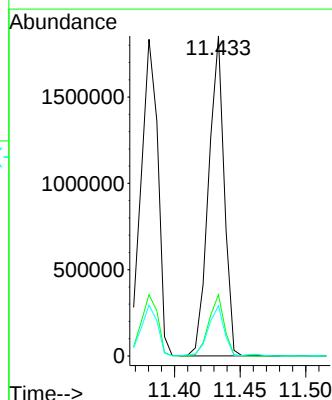
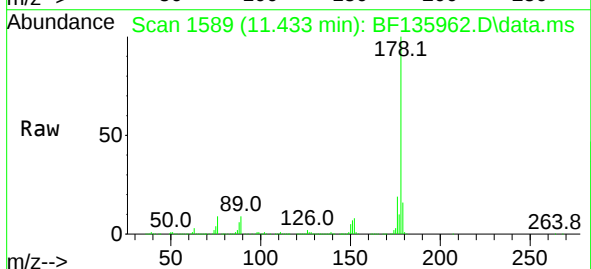
Manual Integrations
APPROVED

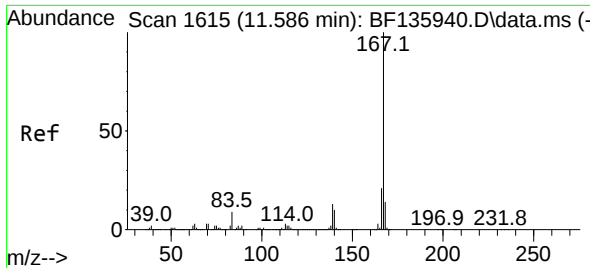
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#72
Anthracene
Concen: 45.687 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

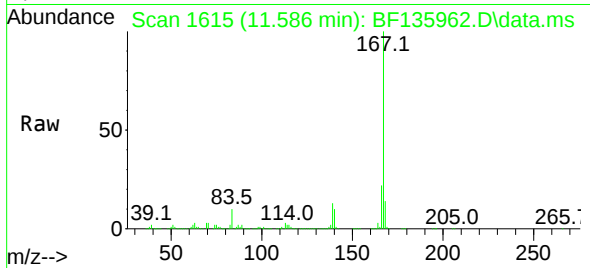
Tgt Ion:178 Resp: 1536615
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 45.112 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31

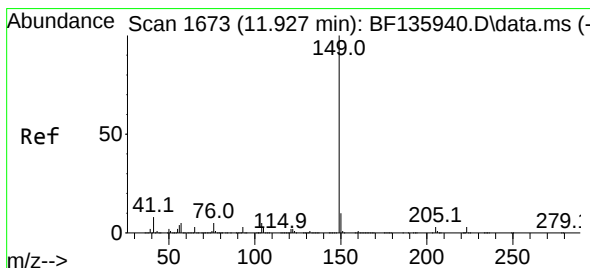
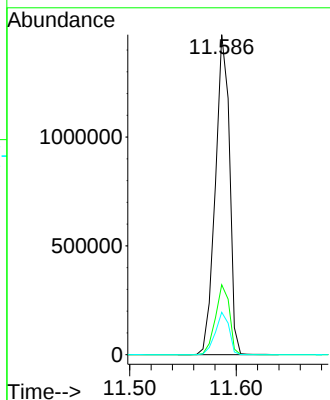
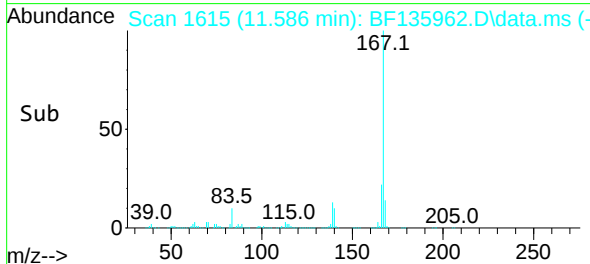
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS



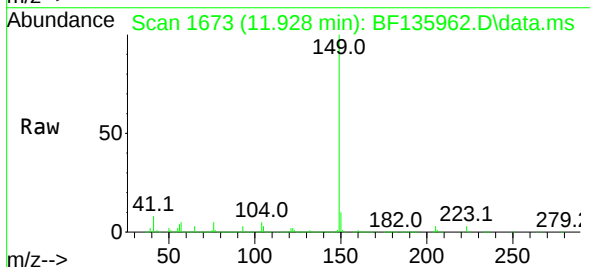
Tgt Ion:167 Resp: 1353498
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.2 10.4 15.6

Manual Integrations
 APPROVED

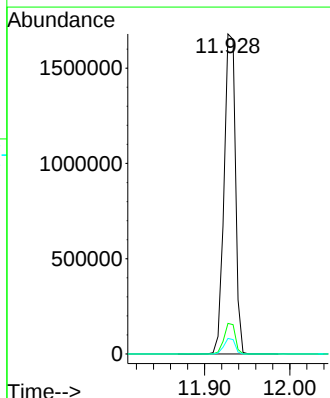
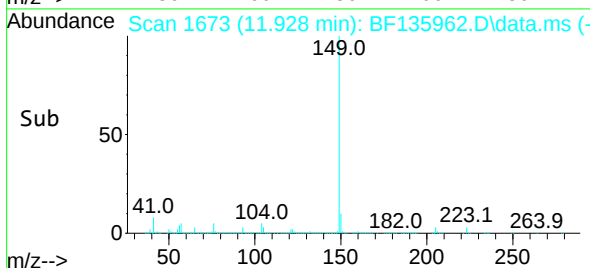
Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

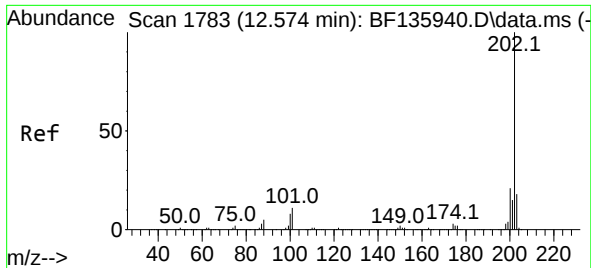


#74
 Di-n-butylphthalate
 Concen: 48.676 ng
 RT: 11.928 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31



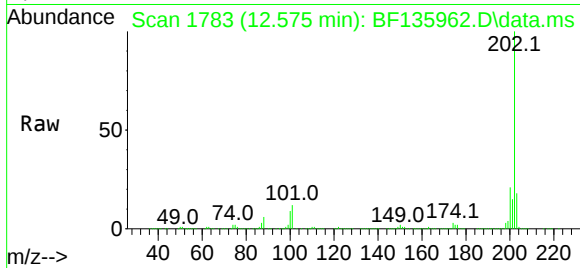
Tgt Ion:149 Resp: 1554043
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 47.109 ng
RT: 12.575 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

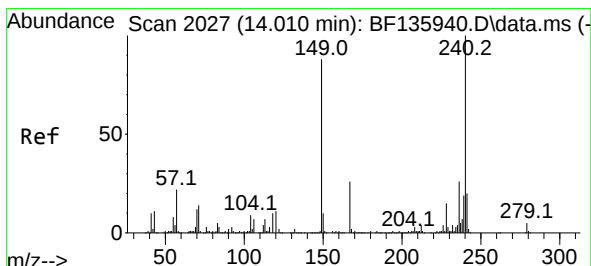
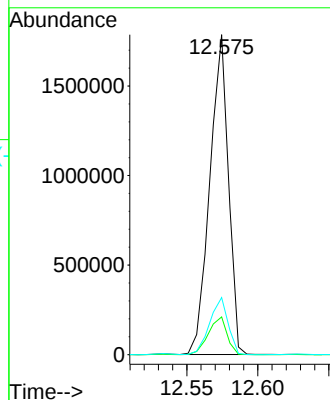
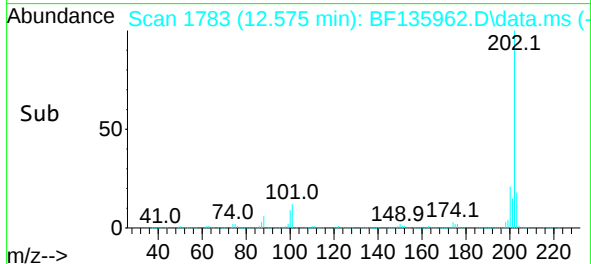
Instrument :
BNA_F
ClientSampleId :
72-11991MS



Tgt Ion:202 Resp: 162796
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.6
203 17.9 0.0 37.5

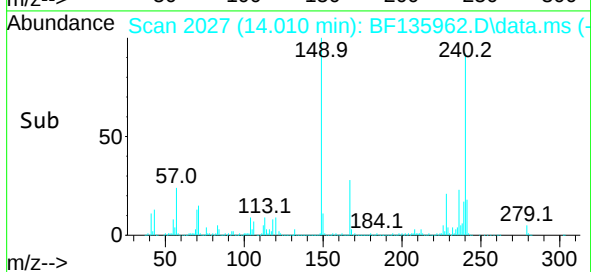
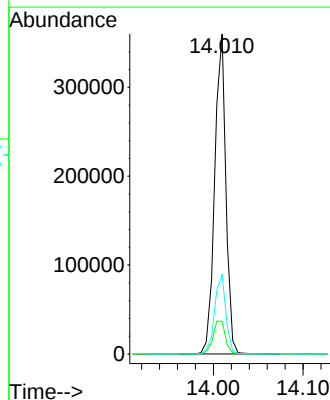
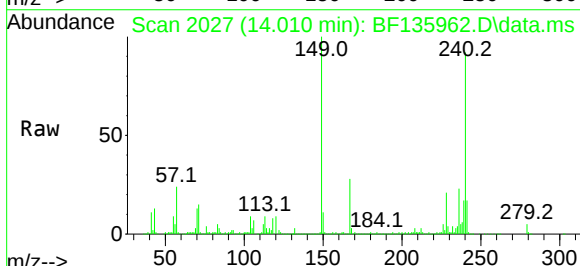
Manual Integrations
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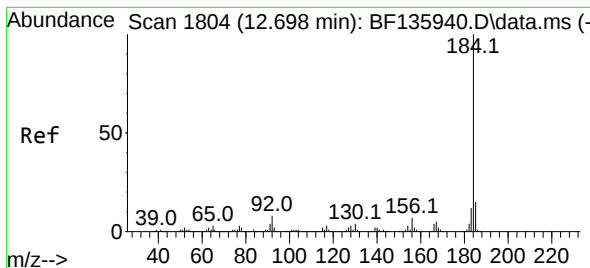
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:240 Resp: 311553
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 24.7 20.6 30.8





#77

Benzidine

Concen: 72.981 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF135962.D

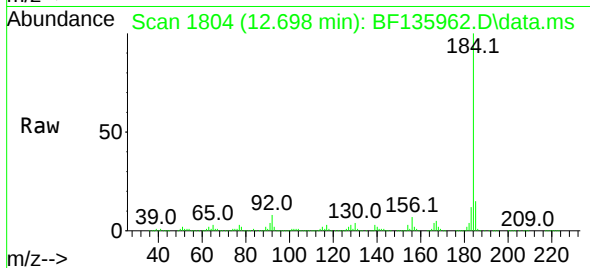
Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS



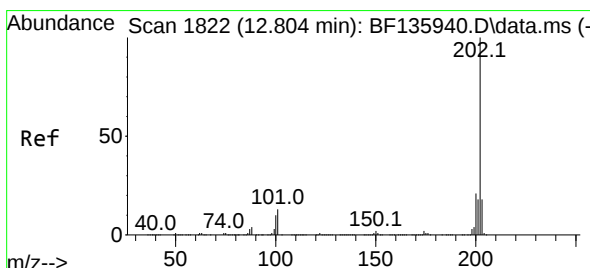
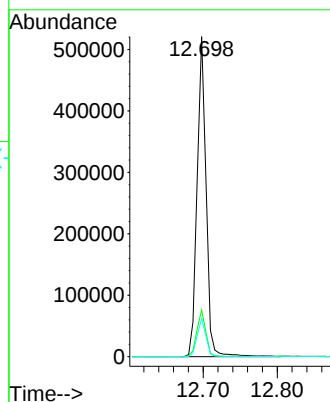
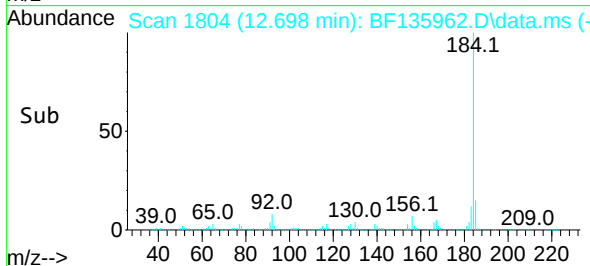
Tgt Ion:184	Resp: 43842
Ion Ratio	Lower Upper
184	100
185	14.6 11.7 17.5
183	11.9 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#78

Pyrene

Concen: 59.059 ng

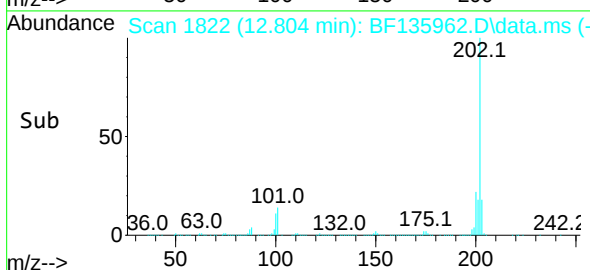
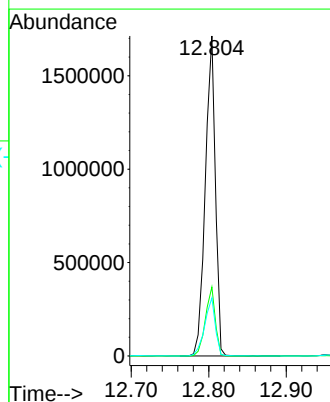
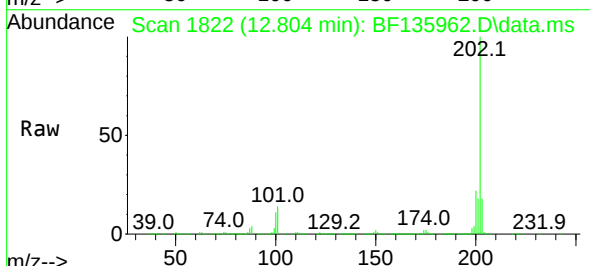
RT: 12.804 min Scan# 1822

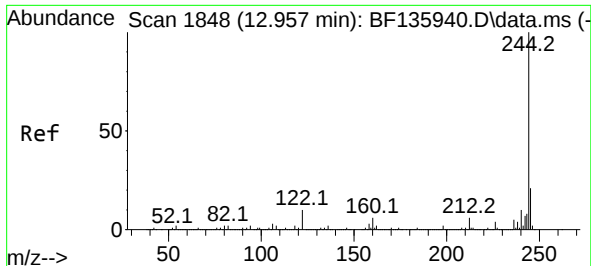
Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Tgt Ion:202	Resp: 1544948
Ion Ratio	Lower Upper
202	100
200	21.6 17.0 25.6
203	18.1 14.5 21.7





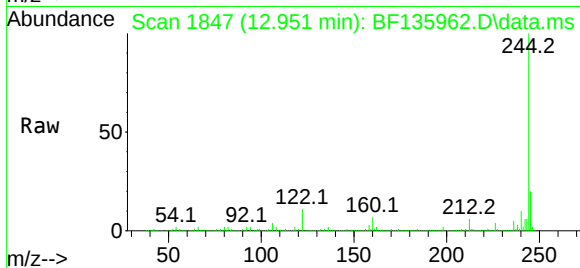
#79
 Terphenyl-d14
 Concen: 72.092 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

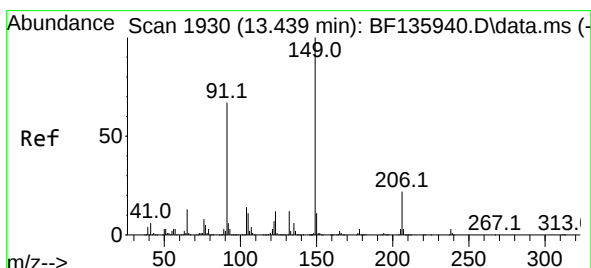
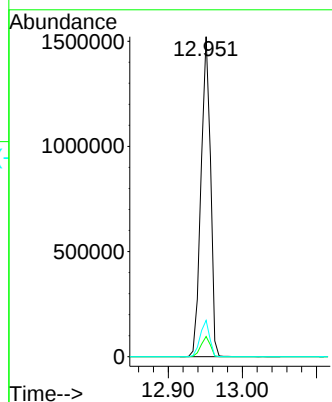
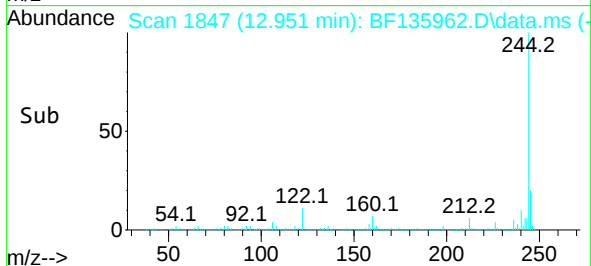


Tgt Ion:244 Resp: 1344312
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 11.3 8.0 12.0

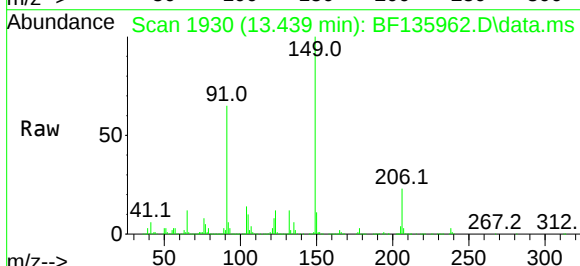
Manual Integrations

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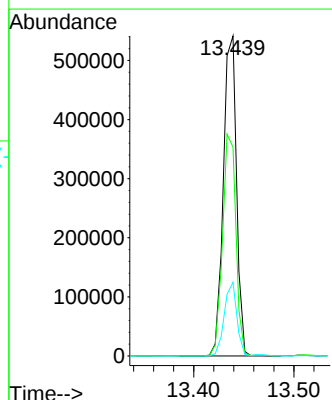
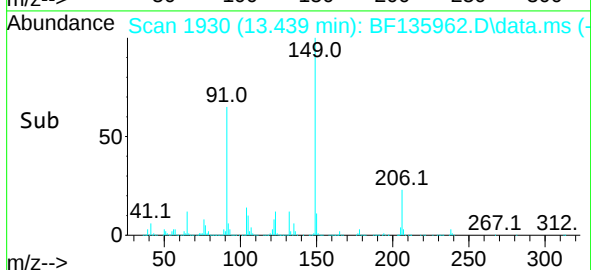
Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

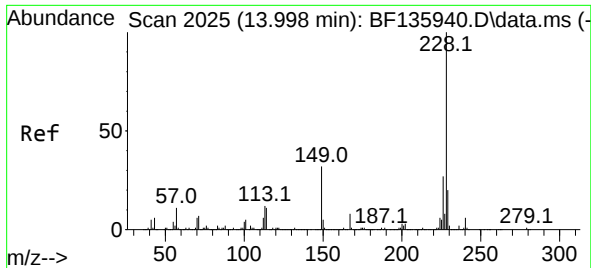


#80
 Butylbenzylphthalate
 Concen: 49.831 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31



Tgt Ion:149 Resp: 494209
 Ion Ratio Lower Upper
 149 100
 91 65.2 53.4 80.0
 206 23.0 17.5 26.3





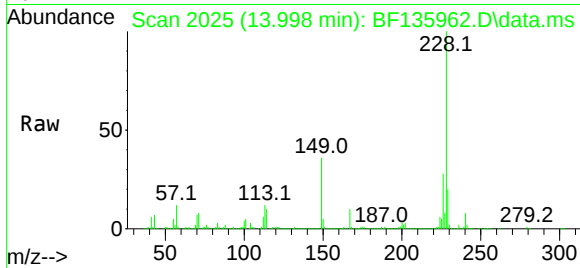
#81
Benzo(a)anthracene
Concen: 49.530 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

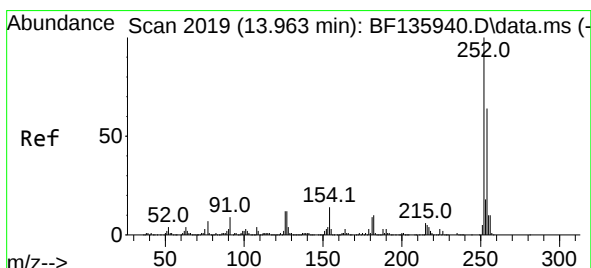
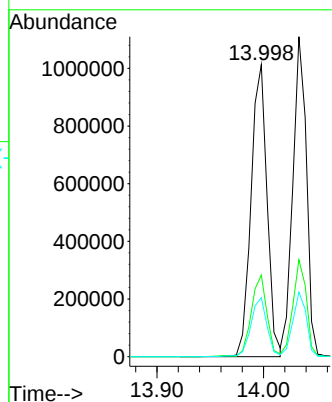
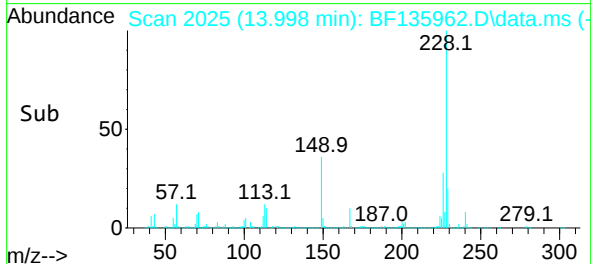
72-11991MS



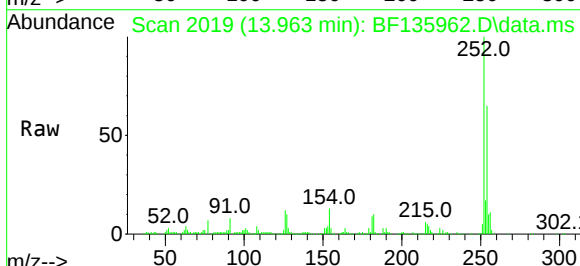
Tgt Ion:228 Resp: 104924
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 20.2 16.2 24.4

Manual Integrations
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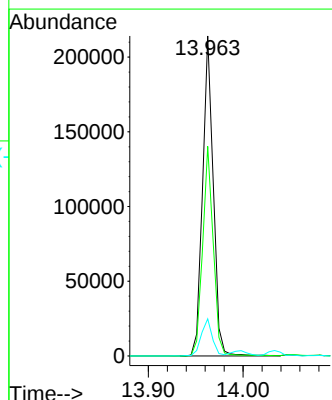
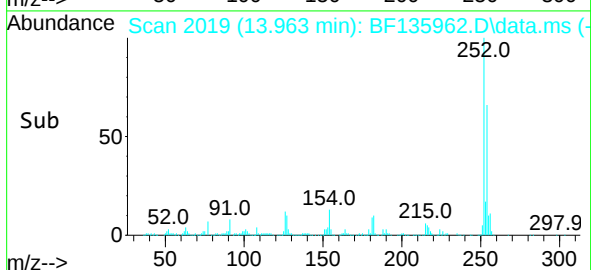
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

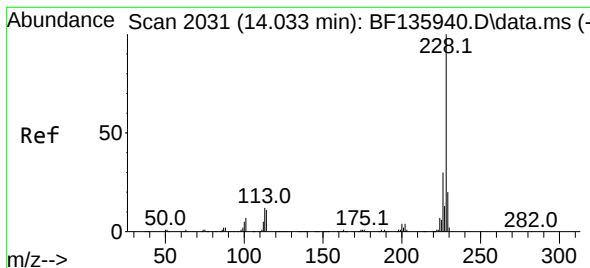


#82
3,3'-Dichlorobenzidine
Concen: 26.101 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



Tgt Ion:252 Resp: 168218
Ion Ratio Lower Upper
252 100
254 65.5 50.9 76.3
126 11.6 9.8 14.6





#83

Chrysene

Concen: 47.798 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

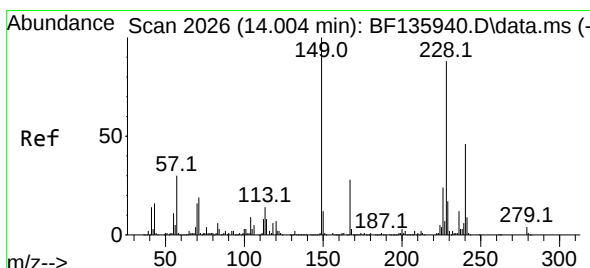
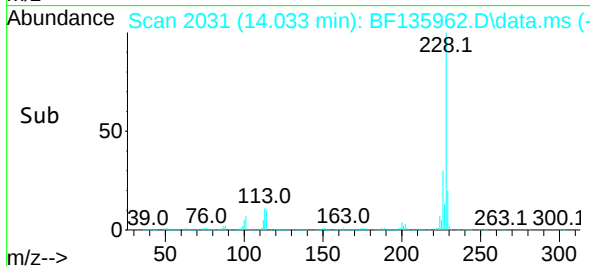
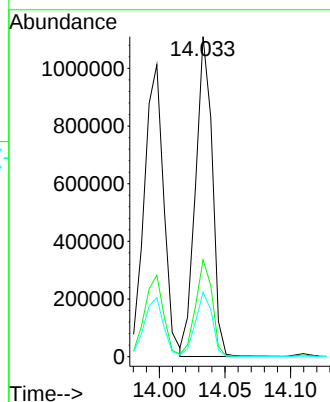
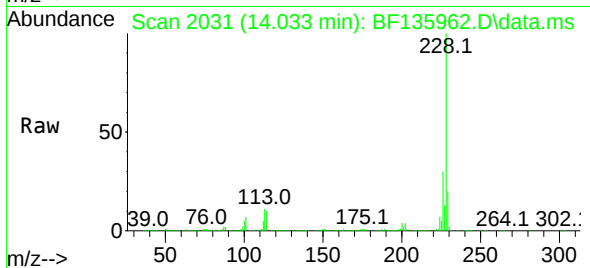
ClientSampleId :

72-11991MS

Tgt Ion:228 Resp: 98617
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.9 35.9
 229 20.1 16.2 24.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.963 ng

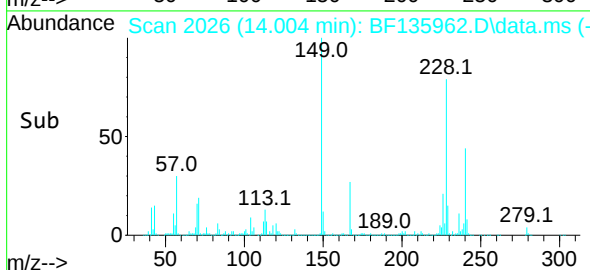
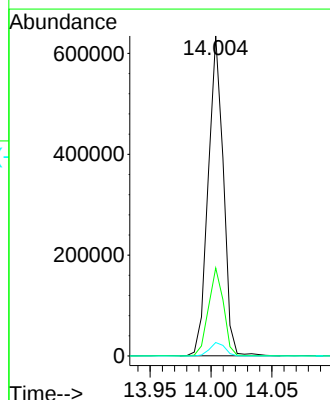
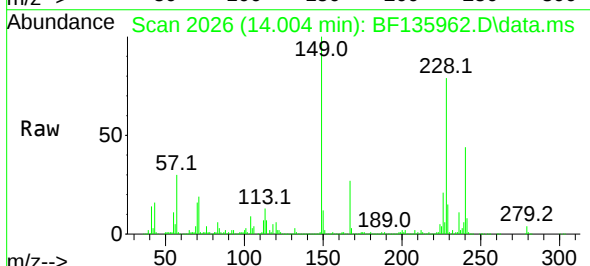
RT: 14.004 min Scan# 2026

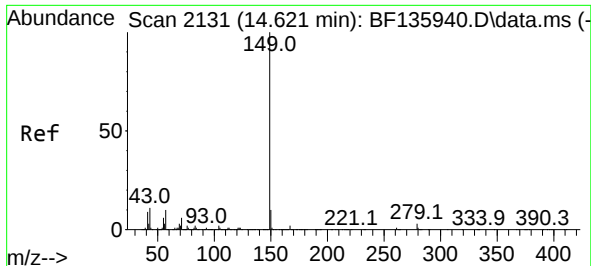
Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

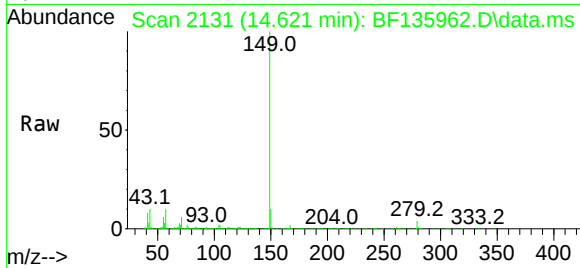
Tgt Ion:149 Resp: 548204
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.2 33.2
 279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 54.744 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

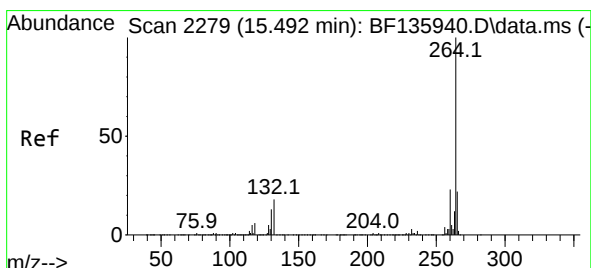
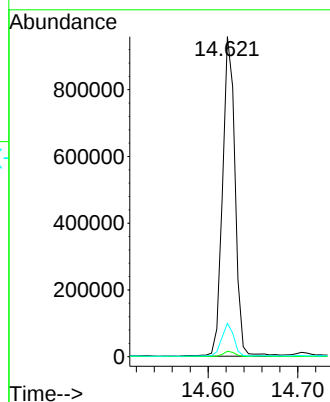
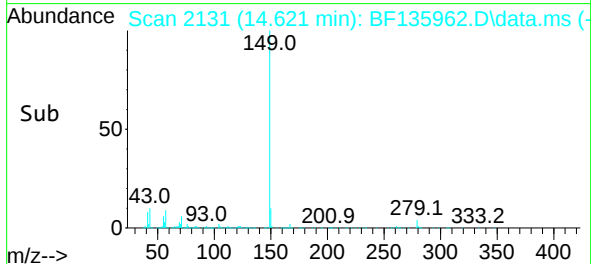
Instrument :
BNA_F
ClientSampleId :
72-11991MS



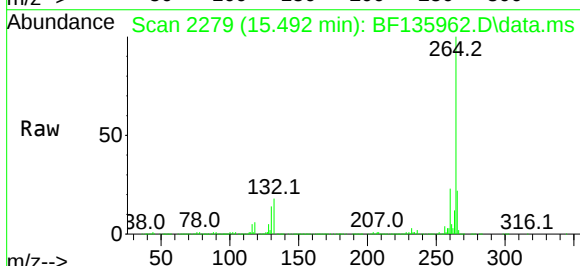
Tgt Ion:149 Resp: 927662
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.6 12.8

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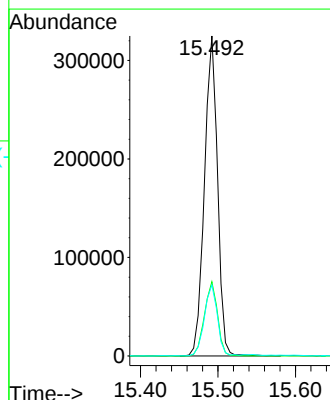
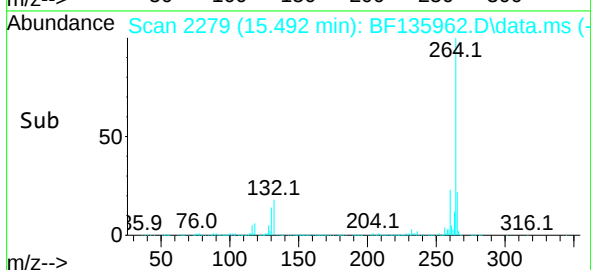
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

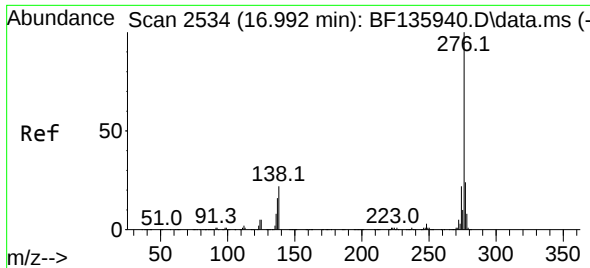


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



Tgt Ion:264 Resp: 381876
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.2 17.3 25.9





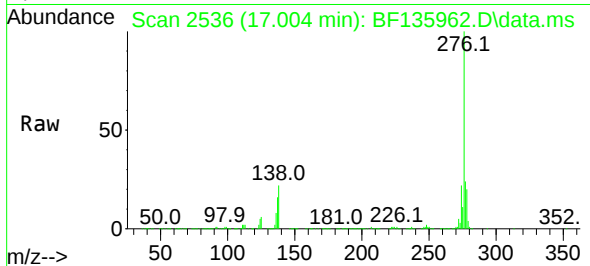
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.846 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

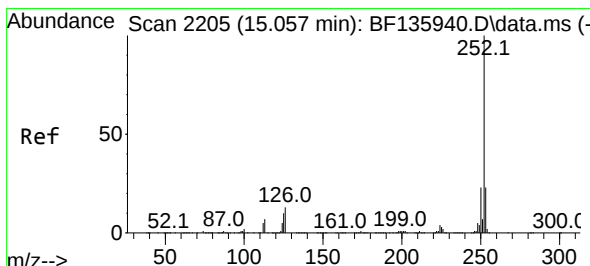
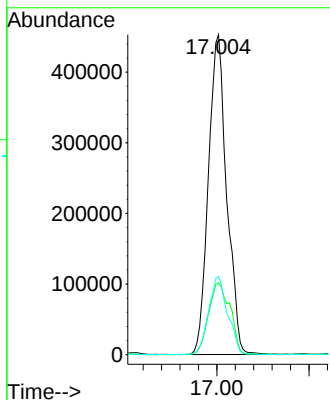
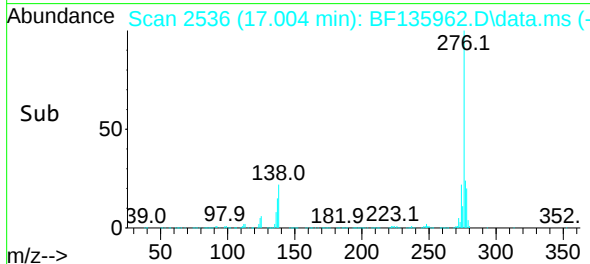


Tgt Ion:276 Resp: 1252570
Ion Ratio Lower Upper
276 100
138 26.5 21.8 32.6
277 25.4 20.0 30.0

Manual Integrations

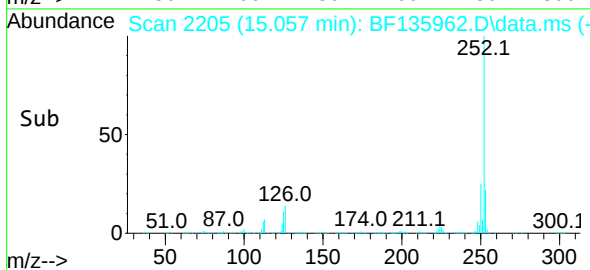
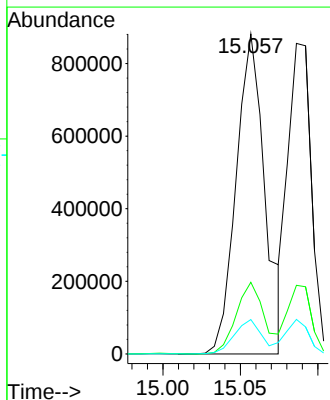
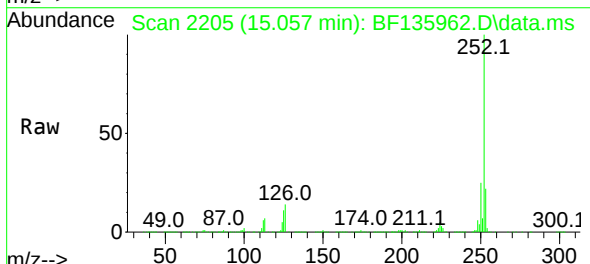
APPROVED

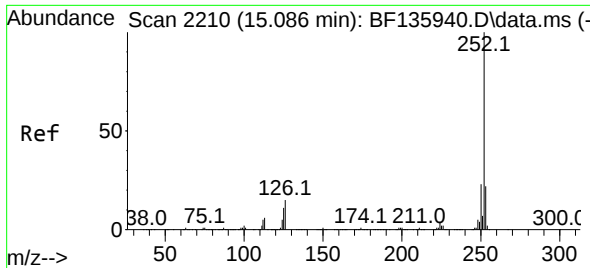
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#88
Benzo(b)fluoranthene
Concen: 50.052 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

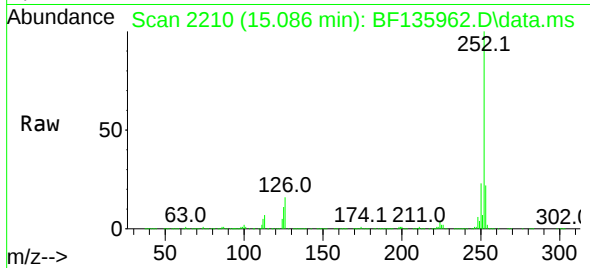
Tgt Ion:252 Resp: 1137505
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.7 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 40.448 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

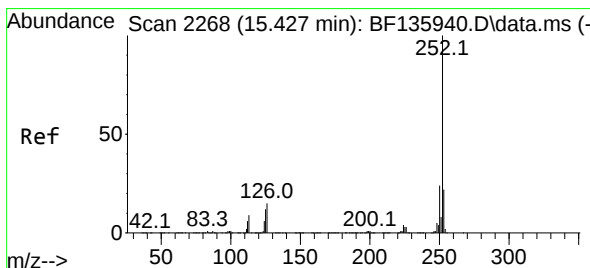
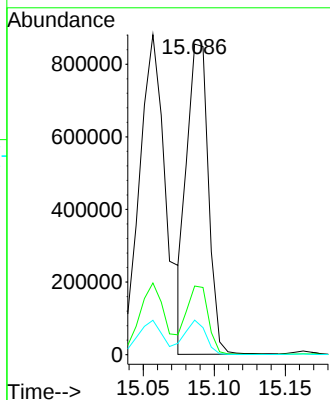
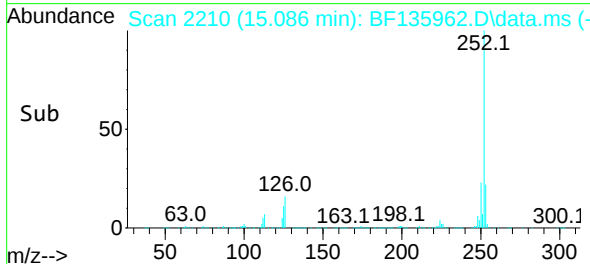
Instrument :
BNA_F
ClientSampleId :
72-11991MS



Tgt Ion:252 Resp: 902804
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.1 8.5 12.7

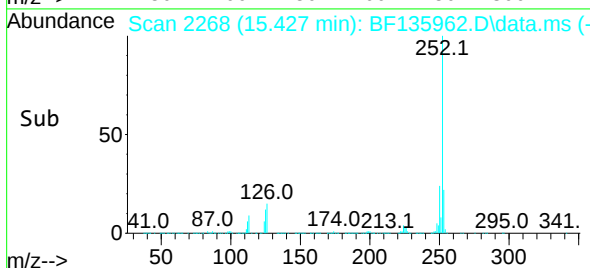
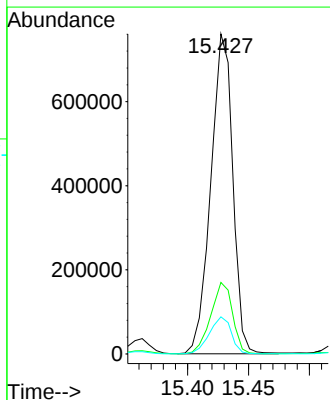
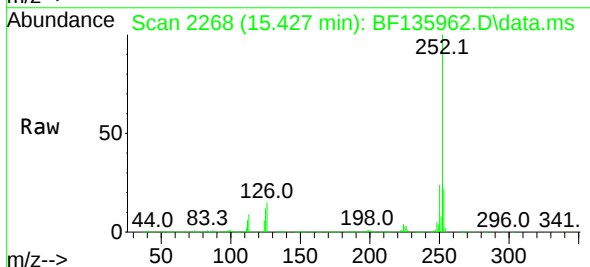
Manual Integrations
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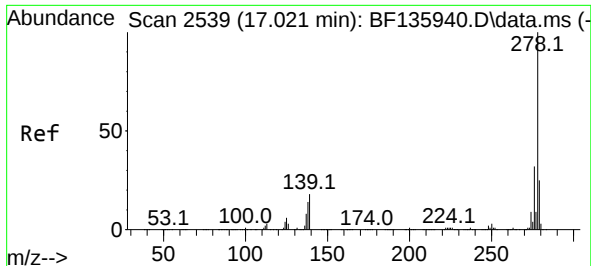
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#90
Benzo(a)pyrene
Concen: 45.560 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

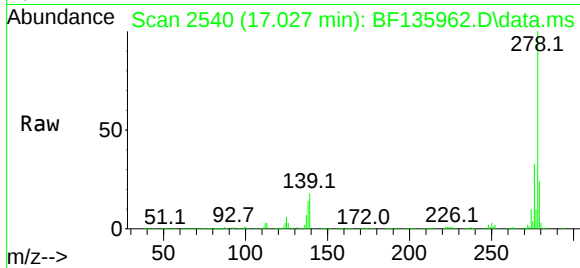
Tgt Ion:252 Resp: 954281
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.6 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 54.774 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

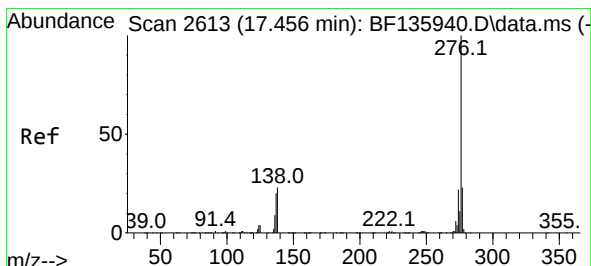
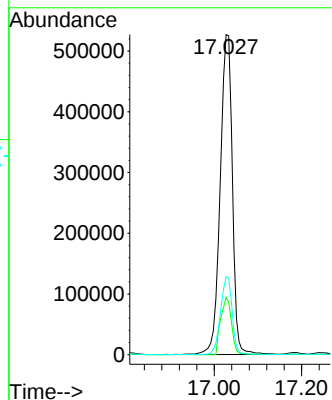
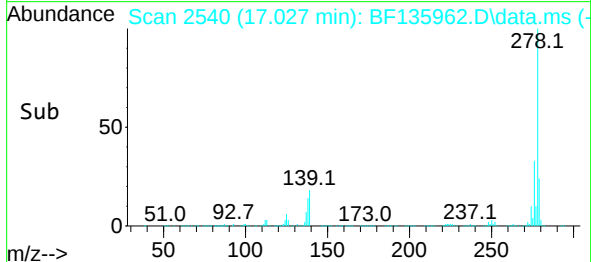
Instrument :
BNA_F
ClientSampleId :
72-11991MS



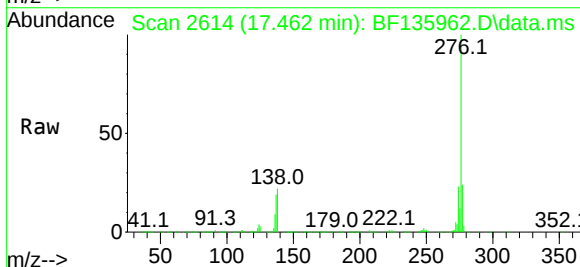
Tgt Ion:278 Resp: 1014510
Ion Ratio Lower Upper
278 100
139 17.9 14.0 21.0
279 24.4 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#92
Benzo(g,h,i)perylene
Concen: 46.542 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31



Tgt Ion:276 Resp: 977499
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 22.4 18.4 27.6

