

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136005.D
 Acq On : 28 Oct 2023 15:03
 Operator : CG\JU
 Sample : 04976-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-426-COMP-01MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 00:25:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	169315	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	671899	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	346459	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	643077	20.000	ng	0.00
76) Chrysene-d12	14.015	240	347156	20.000	ng	0.00
86) Perylene-d12	15.498	264	368332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1352374	123.338	ng	0.02
7) Phenol-d6	6.463	99	1590086	116.483	ng	0.00
23) Nitrobenzene-d5	7.392	82	1060996	100.019	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	519326	171.251	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1901040	87.861	ng	0.00
79) Terphenyl-d14	12.957	244	2191444	105.469	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.793	88	210354	41.299	ng	Qvalue
3) Pyridine	3.499	79	422226	30.033	ng	# 84
4) n-Nitrosodimethylamine	3.446	42	260039	42.421	ng	95
6) Aniline	6.492	93	212192	11.544	ng	97
8) 2-Chlorophenol	6.610	128	580739	51.161	ng	93
9) Benzaldehyde	6.375	77	34932	4.731	ng	99
10) Phenol	6.481	94	614819m	43.082	ng	97
11) bis(2-Chloroethyl)ether	6.569	93	545301	49.090	ng	
12) 1,3-Dichlorobenzene	6.769	146	589705	48.910	ng	100
13) 1,4-Dichlorobenzene	6.845	146	595326	49.164	ng	97
14) 1,2-Dichlorobenzene	6.992	146	566584	50.387	ng	98
15) Benzyl Alcohol	6.969	79	430022	44.562	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	750313	45.866	ng	98
17) 2-Methylphenol	7.081	107	470621	47.042	ng	94
18) Hexachloroethane	7.339	117	211918	51.468	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	373566	48.124	ng	93
20) 3+4-Methylphenols	7.234	107	533517	44.186	ng	96
22) Acetophenone	7.239	105	755904	49.811	ng	# 87
24) Nitrobenzene	7.410	77	565639	50.682	ng	# 96
25) Isophorone	7.651	82	1057907	49.812	ng	100
26) 2-Nitrophenol	7.722	139	289629	63.775	ng	98
27) 2,4-Dimethylphenol	7.763	122	444751	45.948	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	647506	49.648	ng	98
29) 2,4-Dichlorophenol	7.963	162	470468	54.278	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	504096	51.365	ng	98
31) Naphthalene	8.134	128	1601871	49.312	ng	99
32) Benzoic acid	7.892	122	342215	62.192	ng	100
33) 4-Chloroaniline	8.181	127	51336	3.576	ng	92
34) Hexachlorobutadiene	8.245	225	280472	50.704	ng	98
35) Caprolactam	8.557	113	144978m	50.262	ng	99
36) 4-Chloro-3-methylphenol	8.663	107	500832	54.372	ng	
37) 2-Methylnaphthalene	8.822	142	1015169	47.232	ng	98
38) 1-Methylnaphthalene	8.922	142	982560	48.925	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	474665	48.508	ng	99
41) Hexachlorocyclopentadiene	8.975	237	534272	110.729	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	327100	57.113	ng	99

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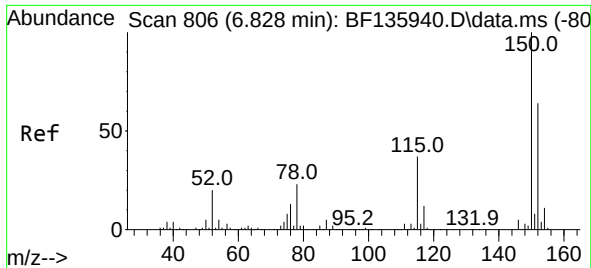
Manual Integrations
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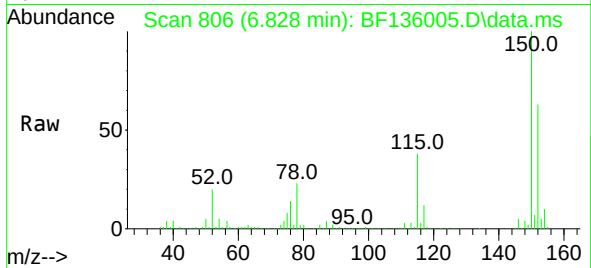
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	364184	53.556	ng	99
46) 1,1'-Biphenyl	9.292	154	1286987	49.024	ng	99
47) 2-Chloronaphthalene	9.316	162	981214	50.532	ng	99
48) 2-Nitroaniline	9.410	65	304810	55.455	ng	97
49) Acenaphthylene	9.728	152	1549648	50.586	ng	99
50) Dimethylphthalate	9.598	163	1141548	50.808	ng	99
51) 2,6-Dinitrotoluene	9.657	165	262865	55.580	ng	# 78
52) Acenaphthene	9.904	154	1083630m	55.197	ng	
53) 3-Nitroaniline	9.816	138	88045	18.857	ng	94
54) 2,4-Dinitrophenol	9.928	184	261688	110.557	ng	95
55) Dibenzofuran	10.075	168	1385697	48.858	ng	100
56) 4-Nitrophenol	9.986	139	434343	94.606	ng	95
57) 2,4-Dinitrotoluene	10.063	165	349710	59.118	ng	90
58) Fluorene	10.422	166	1023547	48.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	311631	60.901	ng	97
60) Diethylphthalate	10.298	149	1108256	51.727	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	496829	48.540	ng	97
62) 4-Nitroaniline	10.439	138	219719	40.607	ng	94
63) Azobenzene	10.575	77	1044873	48.057	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	172512	68.113	ng	98
66) n-Nitrosodiphenylamine	10.533	169	867617	44.660	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	338752	51.437	ng	98
68) Hexachlorobenzene	10.969	284	380876	54.138	ng	# 89
69) Atrazine	11.063	200	157239	29.690	ng	100
70) Pentachlorophenol	11.163	266	456816	101.229	ng	99
71) Phenanthrene	11.386	178	1612623	49.566	ng	100
72) Anthracene	11.439	178	1648298	49.479	ng	100
73) Carbazole	11.592	167	1296011	43.612	ng	100
74) Di-n-butylphthalate	11.933	149	1718141	54.333	ng	100
75) Fluoranthene	12.580	202	1638118	47.859	ng	100
77) Benzidine	12.704	184	26278	3.926	ng	# 87
78) Pyrene	12.810	202	1646668	56.492	ng	99
80) Butylbenzylphthalate	13.439	149	670107	59.807	ng	93
81) Benzo(a)anthracene	14.004	228	1193458	50.560	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	67072	9.340	ng	96
83) Chrysene	14.039	228	1164070	50.634	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	798137	66.588	ng	99
85) Di-n-octyl phthalate	14.627	149	1323387	70.088	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1165261	55.792	ng	98
88) Benzo(b)fluoranthene	15.062	252	1152500	52.577	ng	99
89) Benzo(k)fluoranthene	15.098	252	1005911	46.725	ng	99
90) Benzo(a)pyrene	15.439	252	979715	48.495	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	977784	54.733	ng	97
92) Benzo(g,h,i)perylene	17.480	276	900399	44.616	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136005.D
 Acq: 28 Oct 2023 15:03

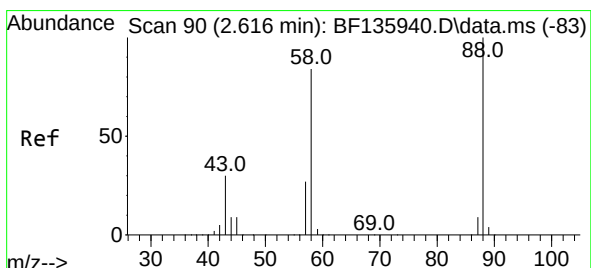
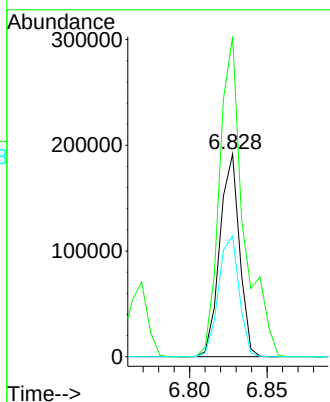
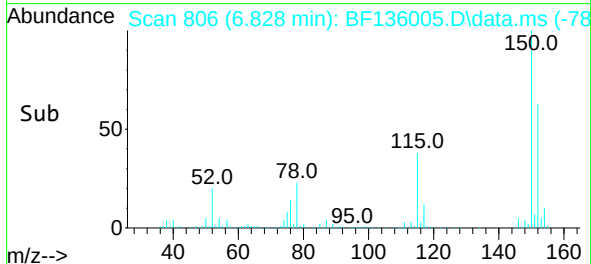
Instrument :
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Tgt Ion:152 Resp: 169315
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 59.6 46.6 69.8

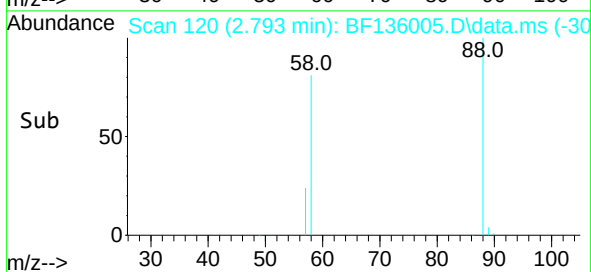
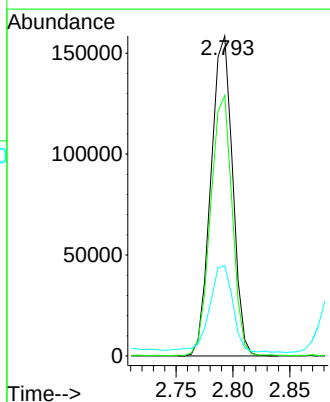
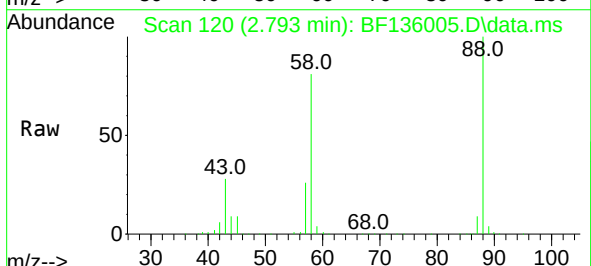
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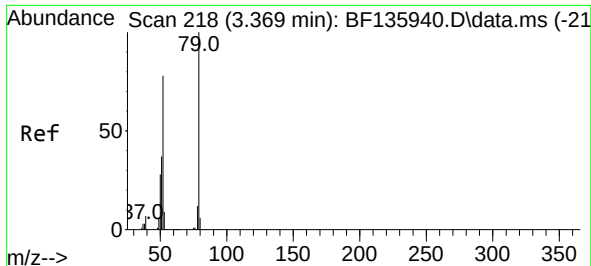
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023



#2
 1,4-Dioxane
 Concen: 41.299 ng
 RT: 2.793 min Scan# 120
 Delta R.T. 0.176 min
 Lab File: BF136005.D
 Acq: 28 Oct 2023 15:03

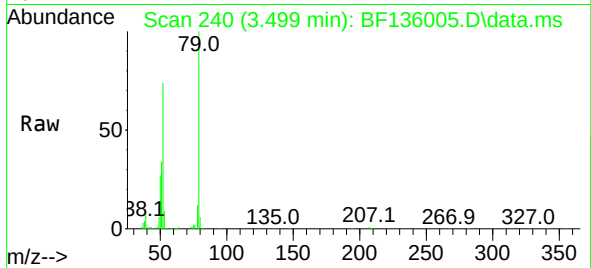
Tgt Ion: 88 Resp: 210354
 Ion Ratio Lower Upper
 88 100
 58 81.1 66.6 100.0
 43 0.0 23.8 35.8





#3
Pyridine
Concen: 30.033 ng
RT: 3.499 min Scan# 240
Delta R.T. 0.129 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

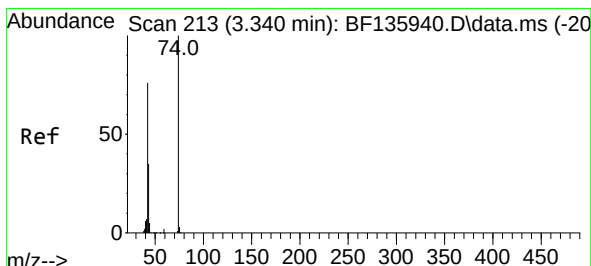
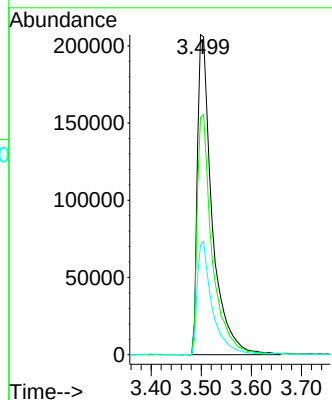
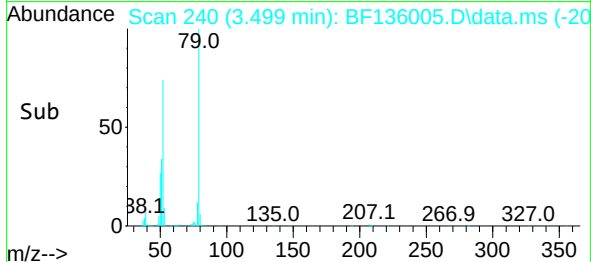
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion: 79 Resp: 422220
Ion Ratio Lower Upper
79 100
52 74.2 62.6 93.8
51 34.3 29.8 44.8

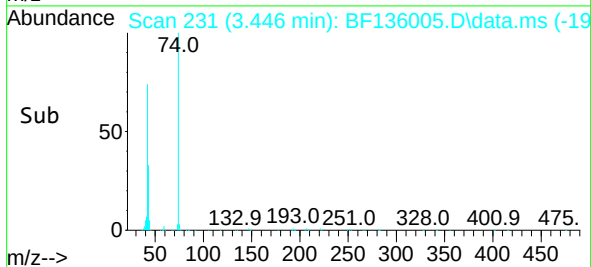
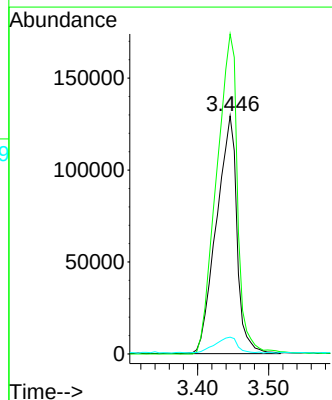
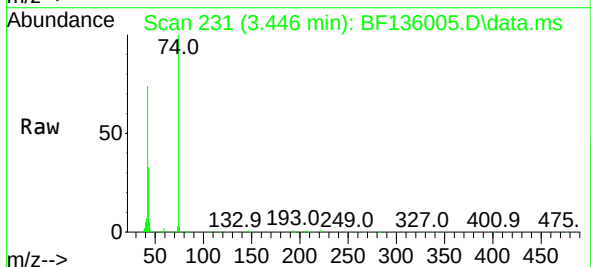
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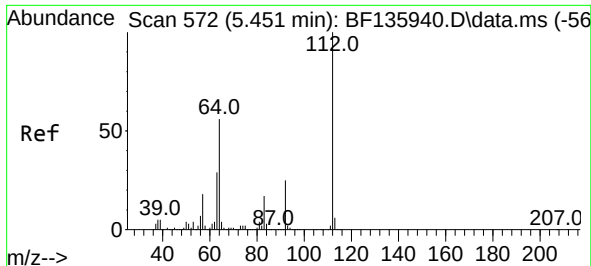
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#4
n-Nitrosodimethylamine
Concen: 42.421 ng
RT: 3.446 min Scan# 231
Delta R.T. 0.106 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Tgt Ion: 42 Resp: 260039
Ion Ratio Lower Upper
42 100
74 134.4 104.8 157.2
44 7.1 5.9 8.9





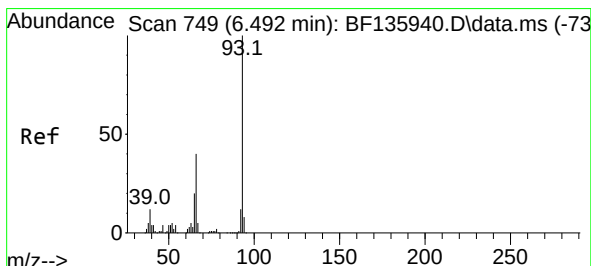
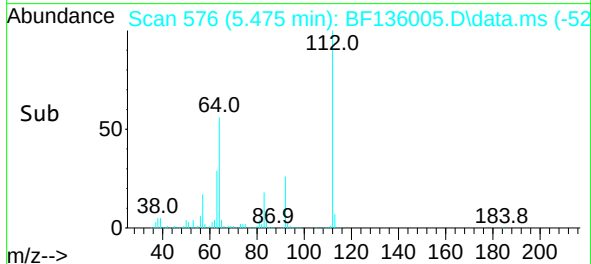
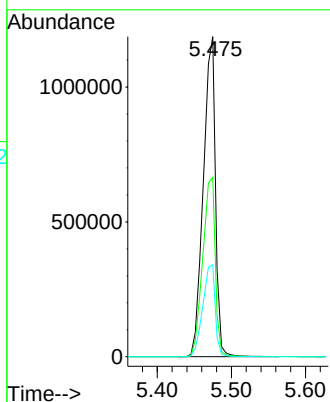
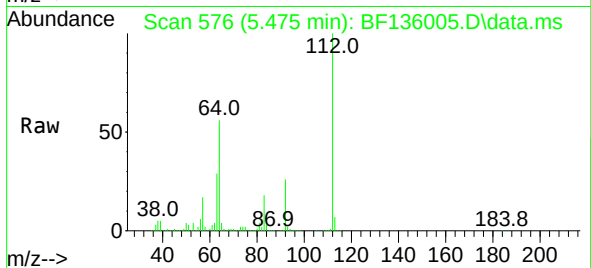
#5
2-Fluorophenol
Concen: 123.338 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Instrument :
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ClientSampleId :
NB-426-COMP-01MS

Tgt Ion:112 Resp: 1352374
Ion Ratio Lower Upper
112 100
64 56.1 45.1 67.7
63 28.7 23.0 34.4

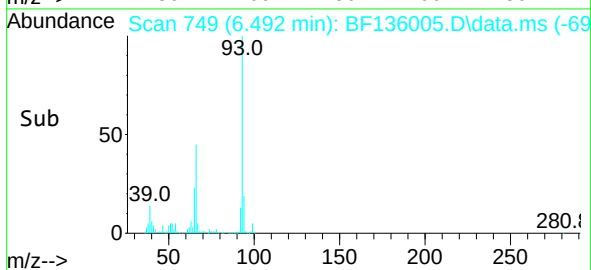
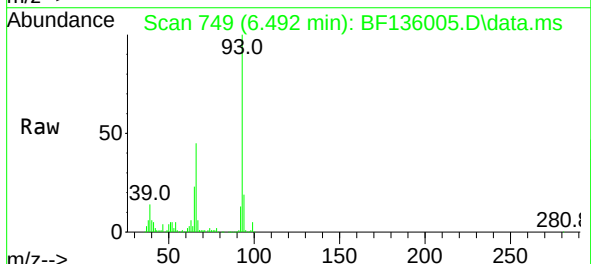
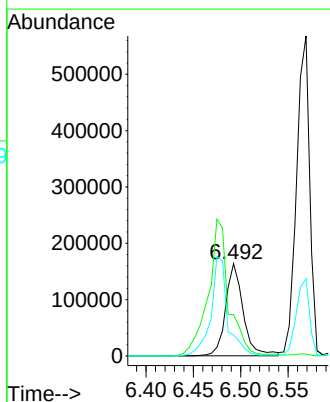
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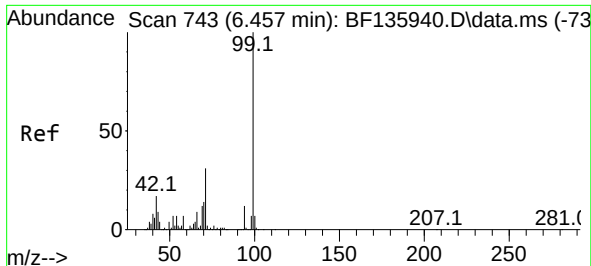
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#6
Aniline
Concen: 11.544 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

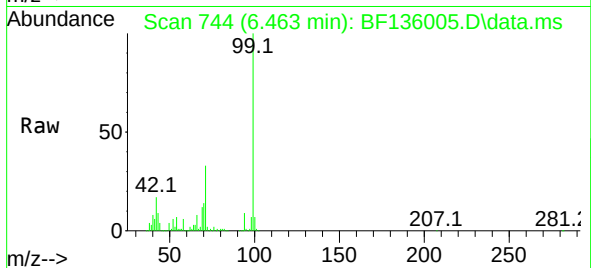
Tgt Ion: 93 Resp: 212192
Ion Ratio Lower Upper
93 100
66 44.7 32.0 48.0
65 22.7 16.2 24.4





#7
Phenol-d6
Concen: 116.483 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

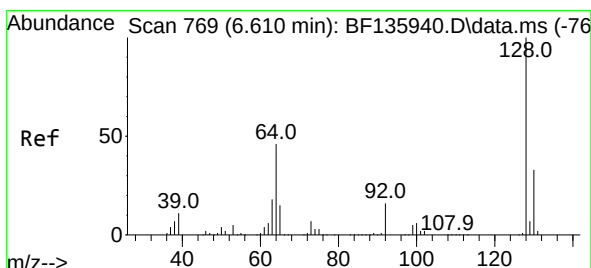
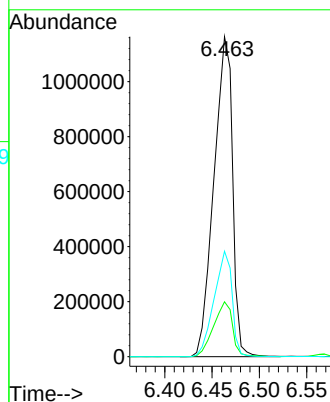
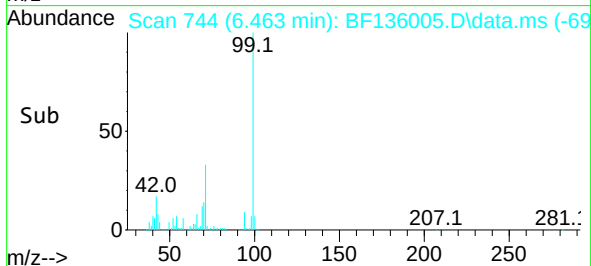
Instrument :
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Tgt Ion: 99 Resp: 1590080
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 32.9 25.1 37.7

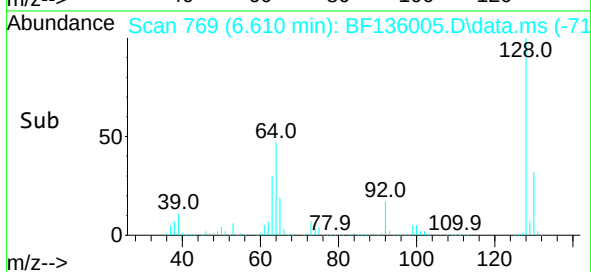
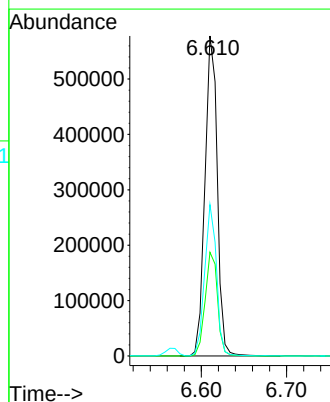
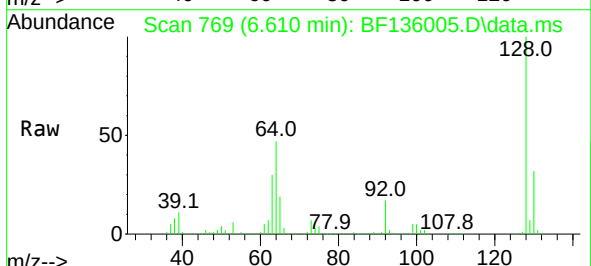
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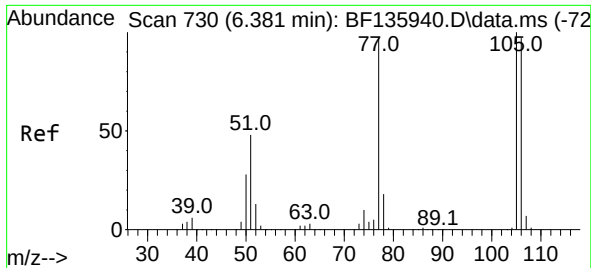
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#8
2-Chlorophenol
Concen: 51.161 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Tgt Ion:128 Resp: 580739
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 47.3 27.0 67.0





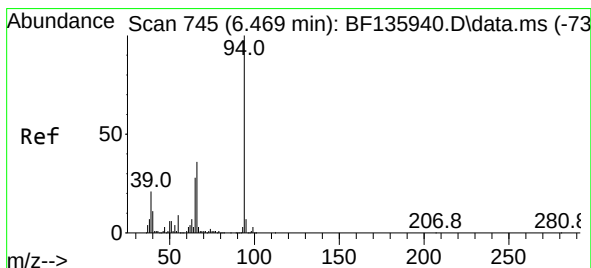
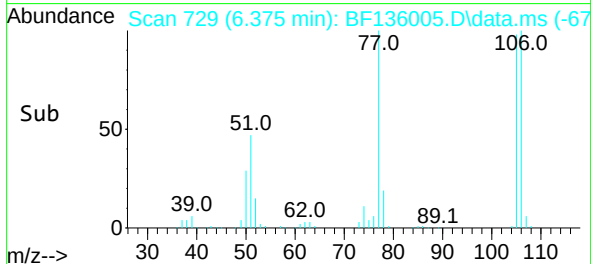
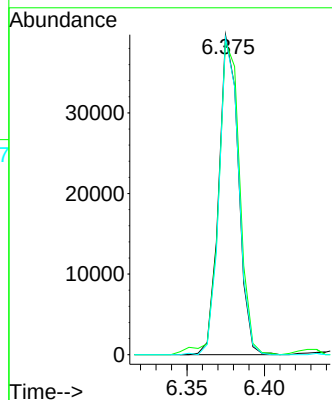
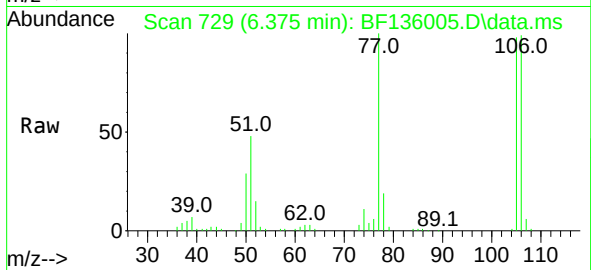
#9
Benzaldehyde
Concen: 4.731 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS

Tgt Ion: 77 Resp: 3493
Ion Ratio Lower Upper
77 100
105 97.9 83.2 123.2
106 99.2 80.0 120.0

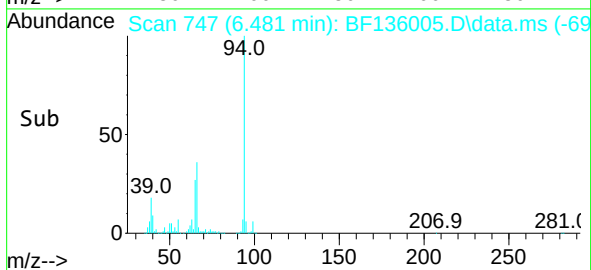
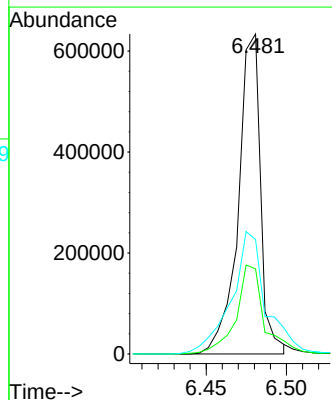
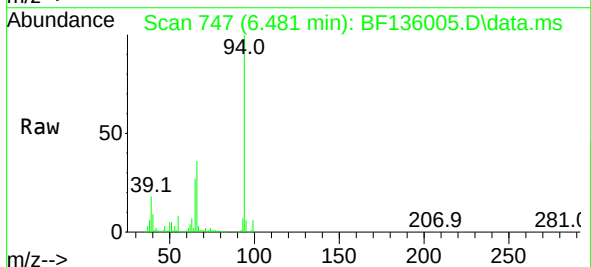
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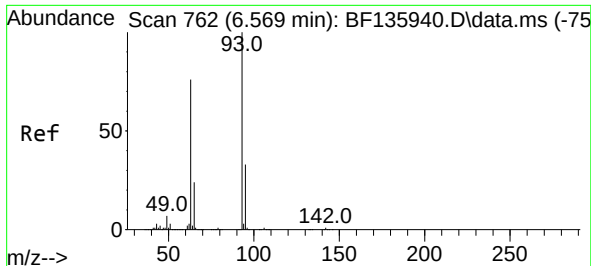
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#10
Phenol
Concen: 43.082 ng m
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

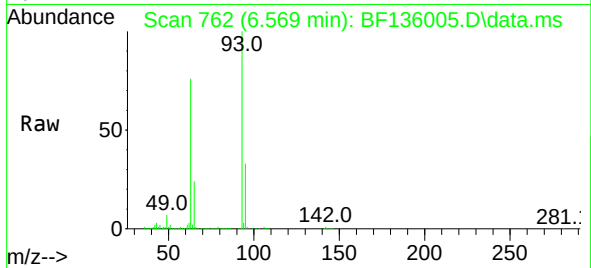
Tgt Ion: 94 Resp: 614819
Ion Ratio Lower Upper
94 100
65 26.6 7.8 47.8
66 35.8 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 49.090 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

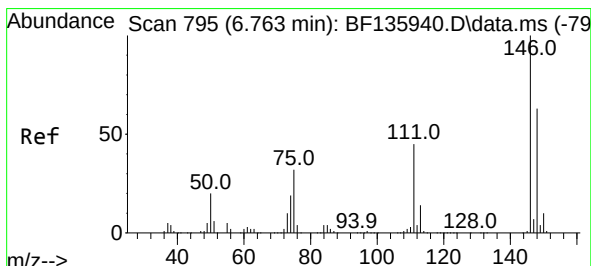
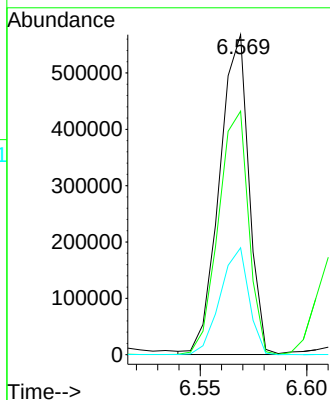
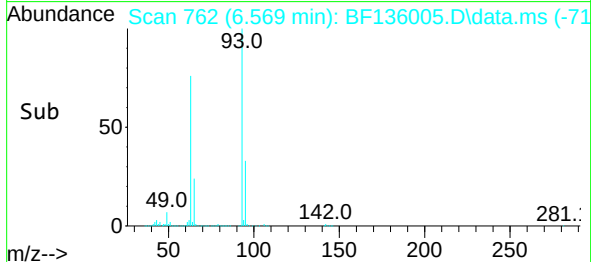
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



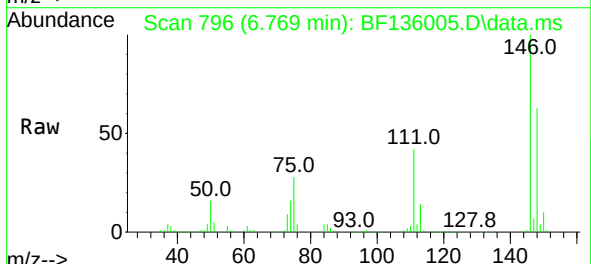
Tgt Ion: 93 Resp: 54530
Ion Ratio Lower Upper
93 100
63 76.1 56.2 96.2
95 33.4 12.9 52.9

Manual Integrations
APPROVED

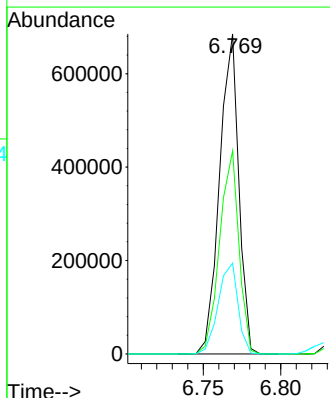
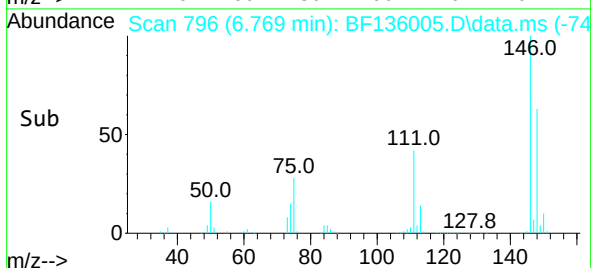
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

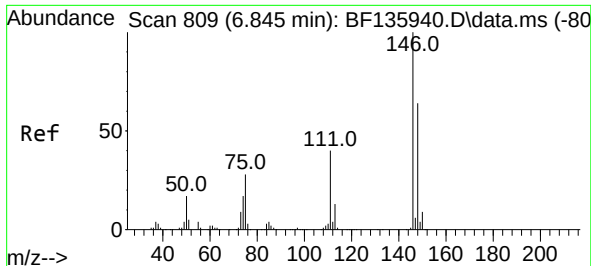


#12
1,3-Dichlorobenzene
Concen: 48.910 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



Tgt Ion:146 Resp: 589705
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 28.4 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 49.164 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

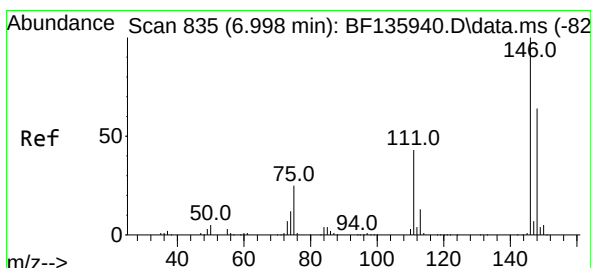
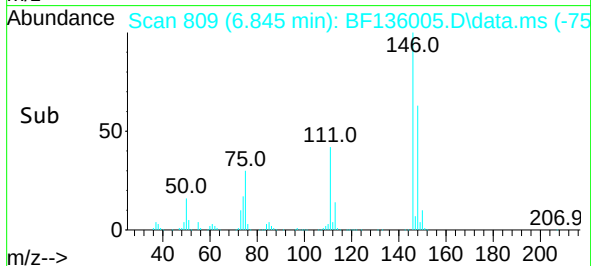
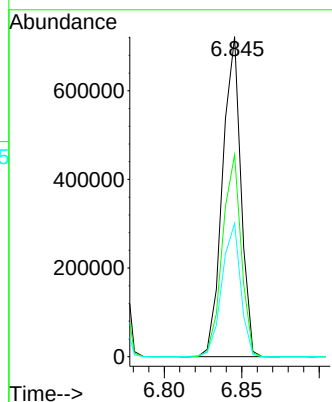
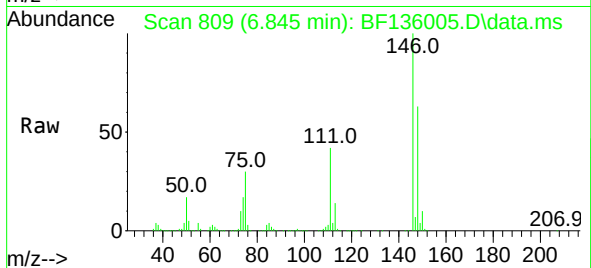
NB-426-COMP-01MS

Tgt Ion:146 Resp: 595320
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.4 77.2
 111 41.7 31.8 47.8

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 50.387 ng

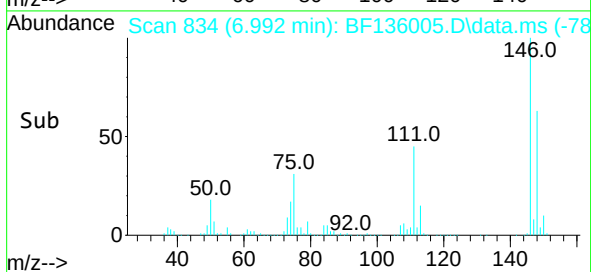
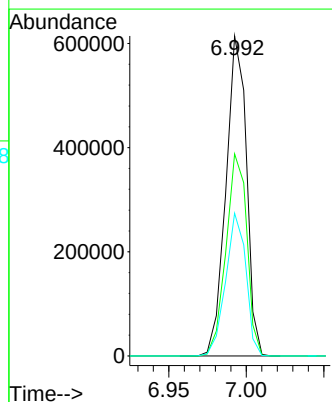
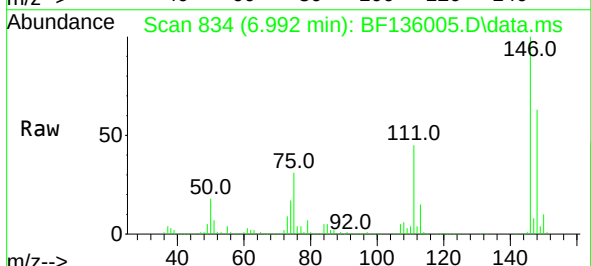
RT: 6.992 min Scan# 834

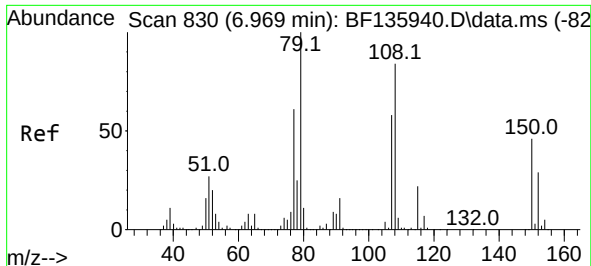
Delta R.T. -0.006 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

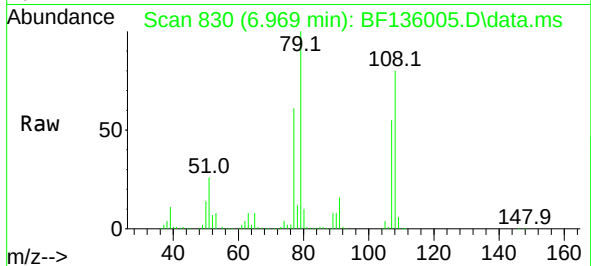
Tgt Ion:146 Resp: 566584
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.4 77.0
 111 44.6 34.2 51.4





#15
Benzyl Alcohol
Concen: 44.562 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

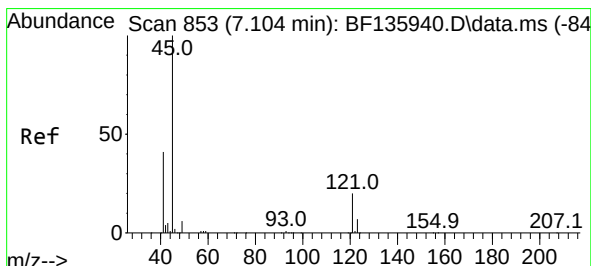
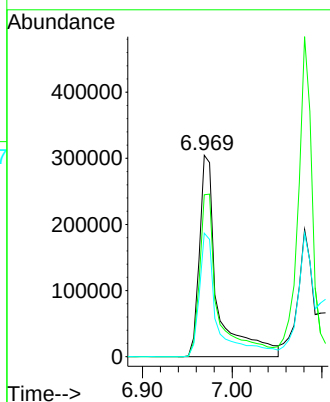
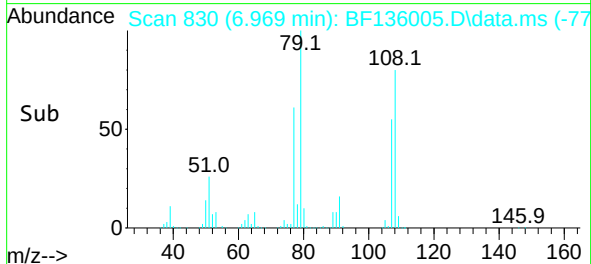
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion: 79 Resp: 430022
Ion Ratio Lower Upper
79 100
108 80.4 67.2 100.8
77 61.3 49.0 73.6

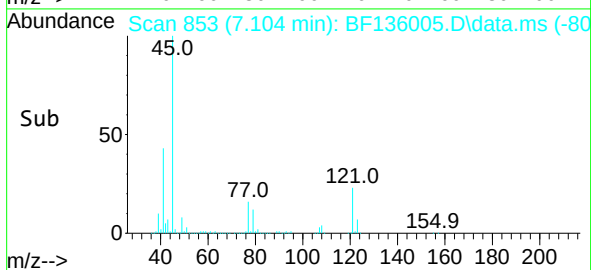
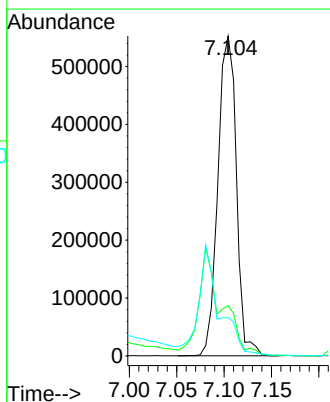
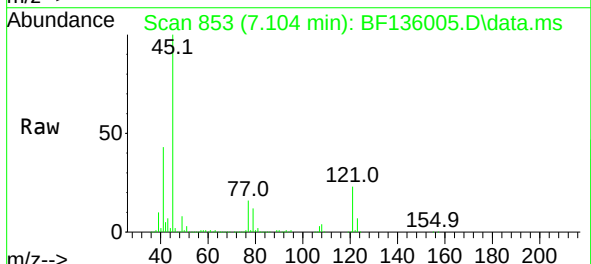
Manual Integrations
APPROVED

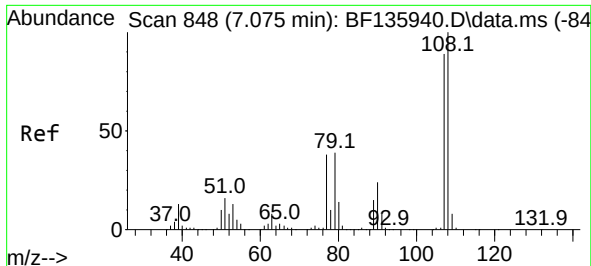
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.866 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Tgt Ion: 45 Resp: 750313
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.2
79 12.0 0.0 29.8





#17

2-Methylphenol

Concen: 47.042 ng

RT: 7.081 min Scan# 848

Delta R.T. 0.006 min

Lab File: BF136005.D

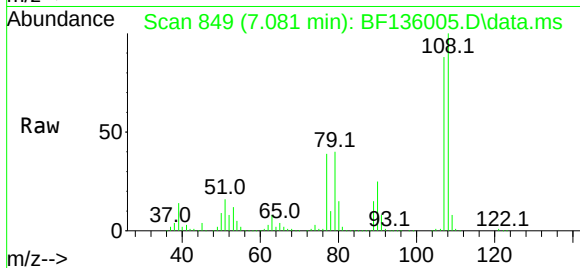
Acq: 28 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

NB-426-COMP-01MS



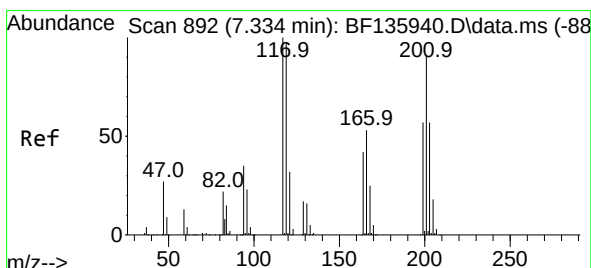
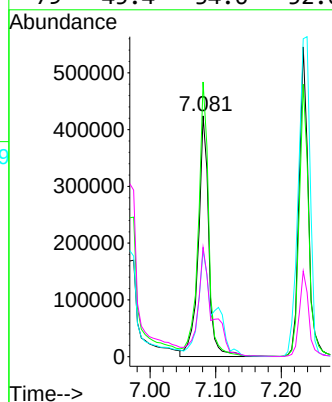
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.8	134.6
77	44.1	34.2	51.2
79	45.4	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#18

Hexachloroethane

Concen: 51.468 ng

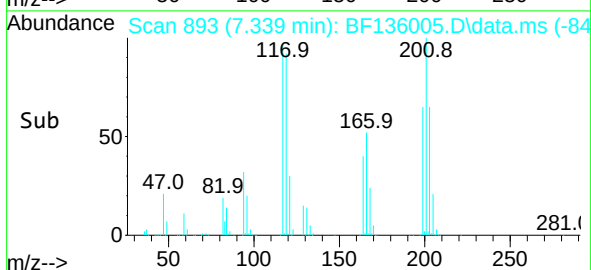
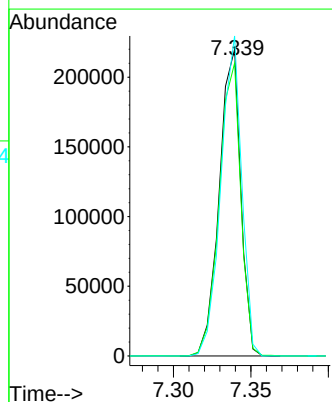
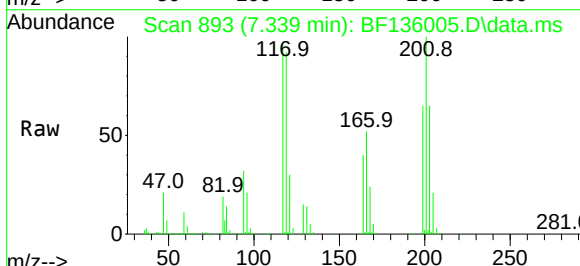
RT: 7.339 min Scan# 893

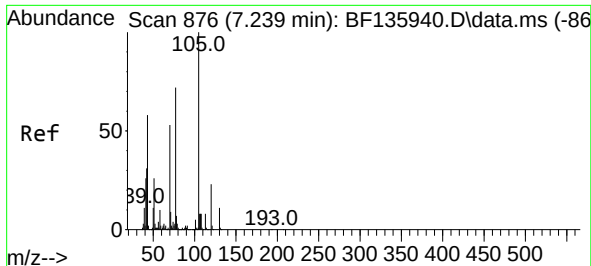
Delta R.T. 0.006 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

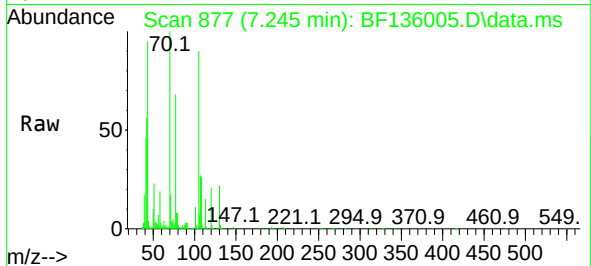
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.3	115.9
201	104.3	72.8	109.2





#19
n-Nitroso-di-n-propylamine
Concen: 48.124 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

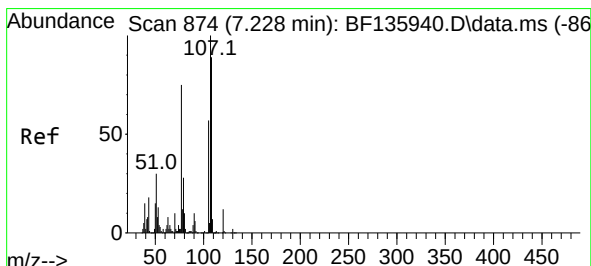
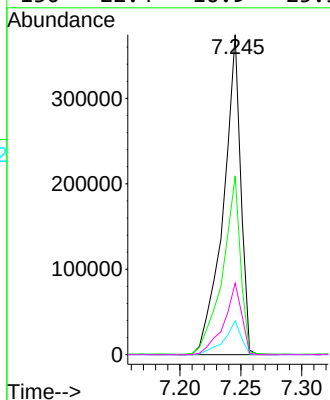
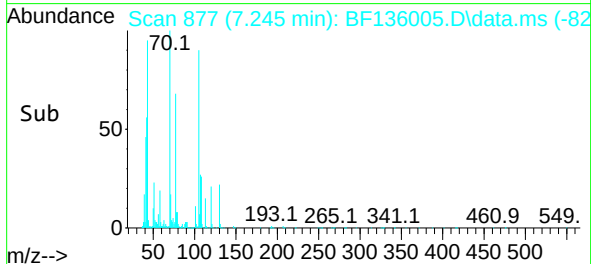
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



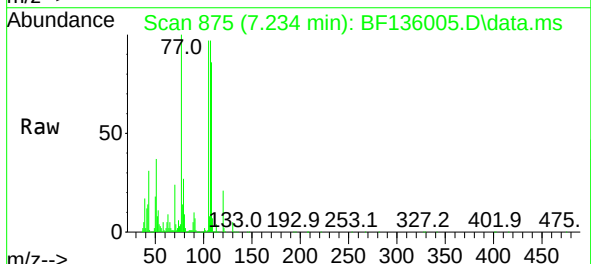
Tgt Ion: 70 Resp: 373560
Ion Ratio Lower Upper
70 100
42 55.9 47.3 70.9
101 10.5 7.8 11.8
130 22.4 16.9 25.3

Manual Integrations
APPROVED

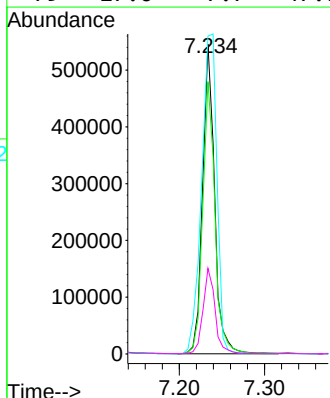
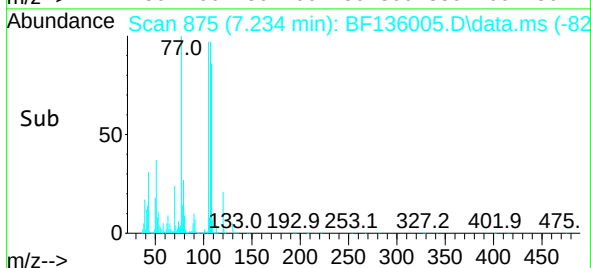
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

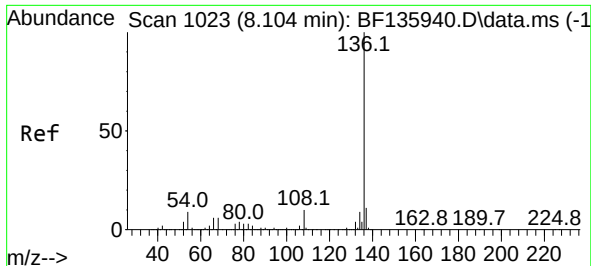


#20
3+4-Methylphenols
Concen: 44.186 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



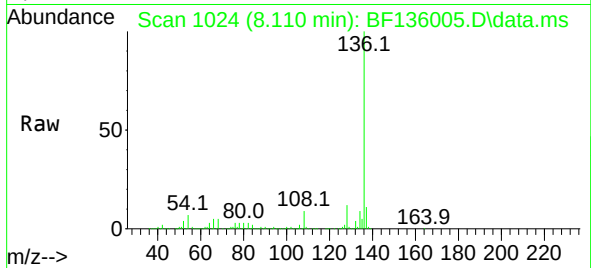
Tgt Ion:107 Resp: 533517
Ion Ratio Lower Upper
107 100
108 87.9 69.1 109.1
77 102.6 55.0 95.0#
79 27.6 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

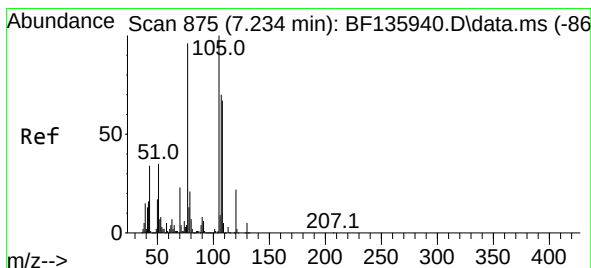
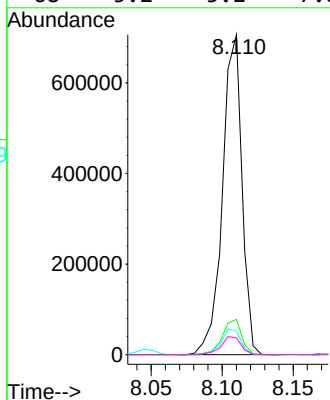
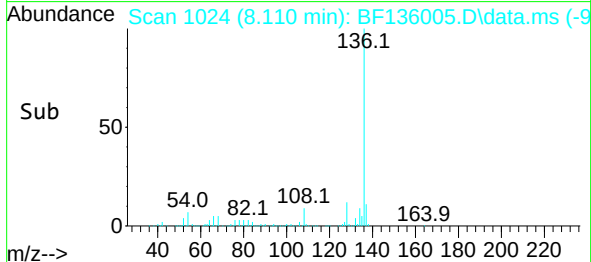
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion:136 Resp: 671899
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.4 7.1 10.7
68 5.2 5.2 7.8

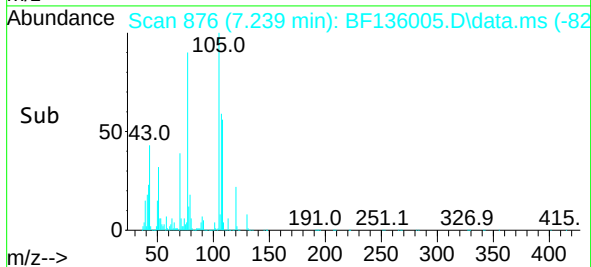
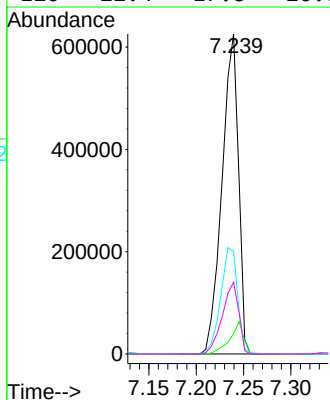
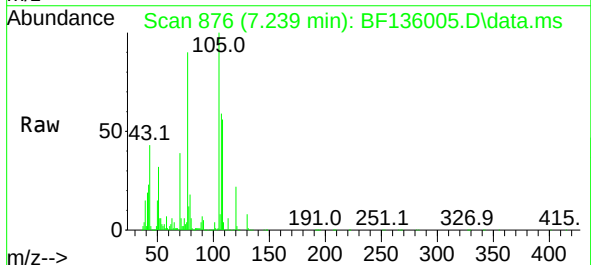
Manual Integrations
APPROVED

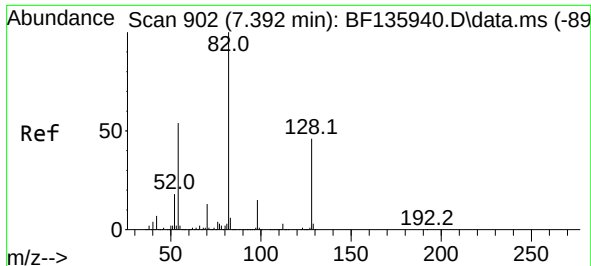
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#22
Acetophenone
Concen: 49.811 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

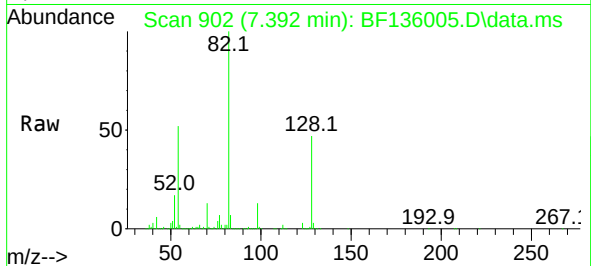
Tgt Ion:105 Resp: 755904
Ion Ratio Lower Upper
105 100
71 6.4 3.4 5.2#
51 32.0 28.4 42.6
120 22.4 17.8 26.6





#23
Nitrobenzene-d5
Concen: 100.019 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

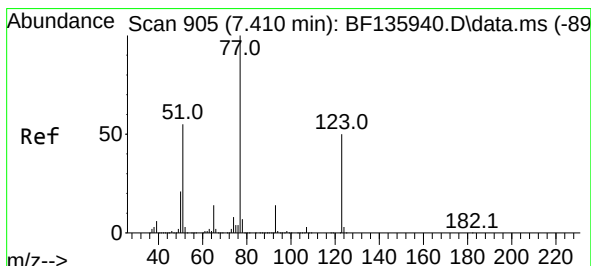
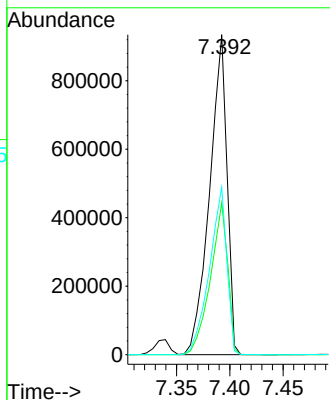
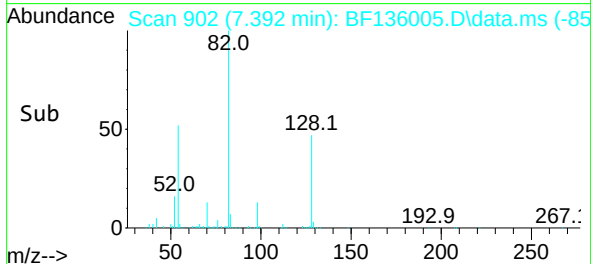
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



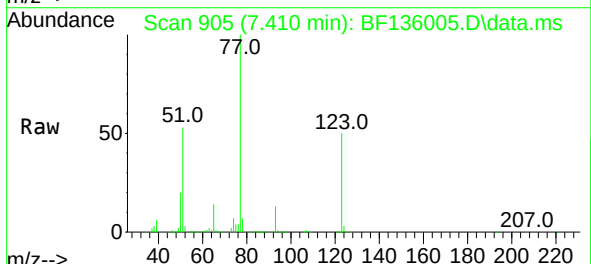
Tgt Ion: 82 Resp: 1060990
Ion Ratio Lower Upper
82 100
128 47.4 36.8 55.2
54 52.4 43.4 65.0

Manual Integrations
APPROVED

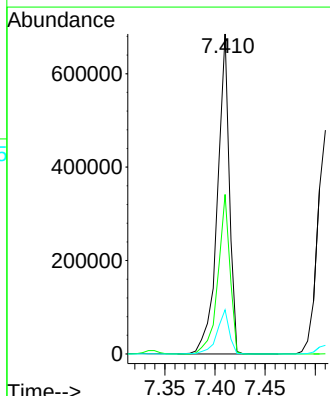
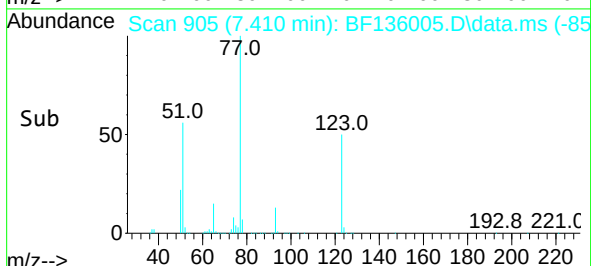
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

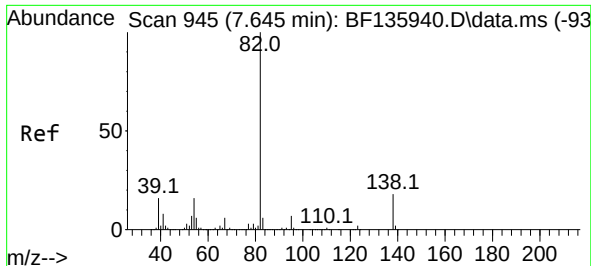


#24
Nitrobenzene
Concen: 50.682 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



Tgt Ion: 77 Resp: 565639
Ion Ratio Lower Upper
77 100
123 49.8 40.2 60.2
65 13.8 11.0 16.4





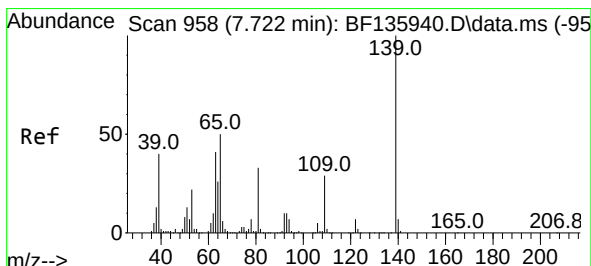
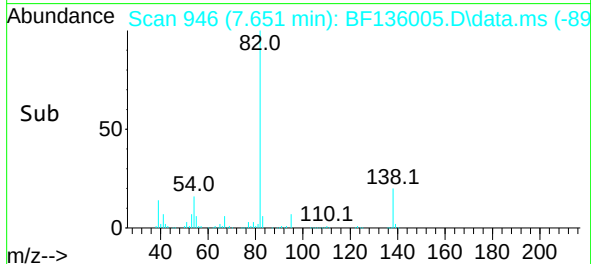
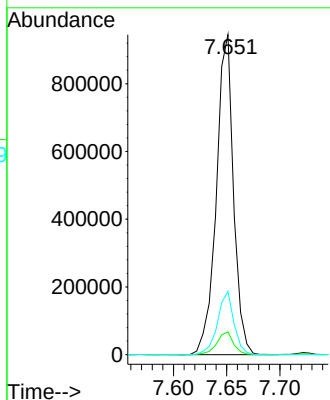
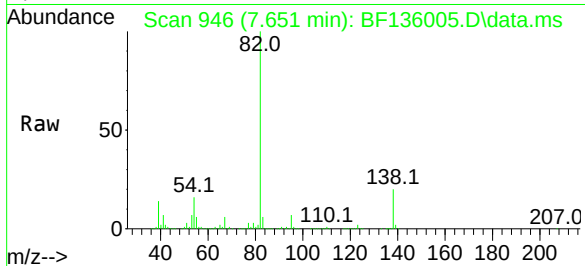
#25
Isophorone
Concen: 49.812 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS

Tgt Ion: 82 Resp: 105790
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.8 14.8 22.2

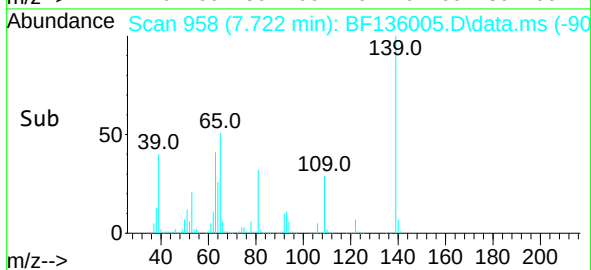
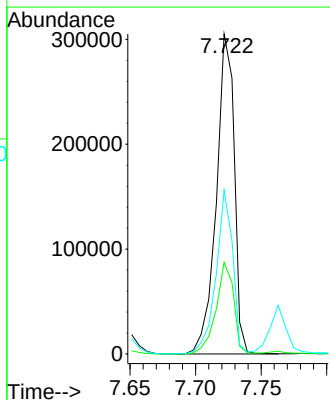
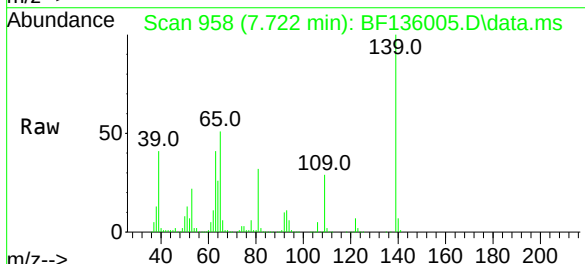
Manual Integrations
APPROVED

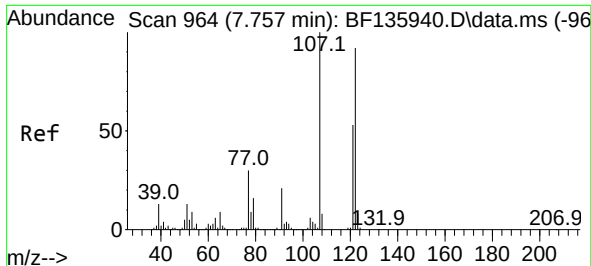
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#26
2-Nitrophenol
Concen: 63.775 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

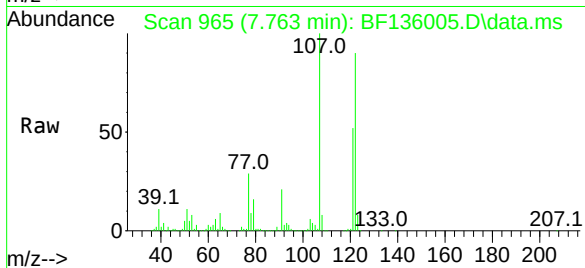
Tgt Ion:139 Resp: 289629
Ion Ratio Lower Upper
139 100
109 28.6 23.1 34.7
65 51.1 39.8 59.8





#27
2,4-Dimethylphenol
Concen: 45.948 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

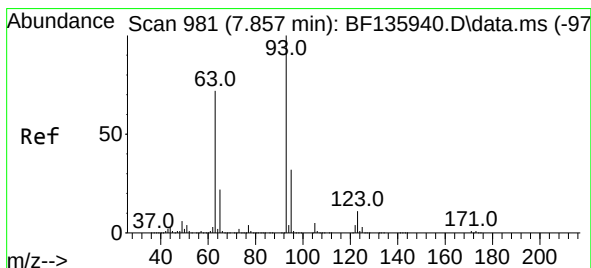
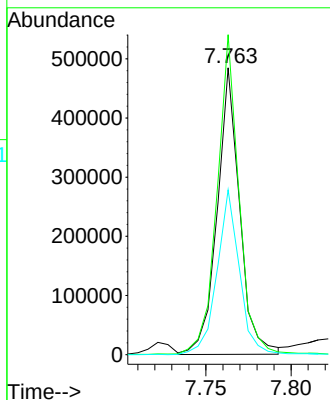
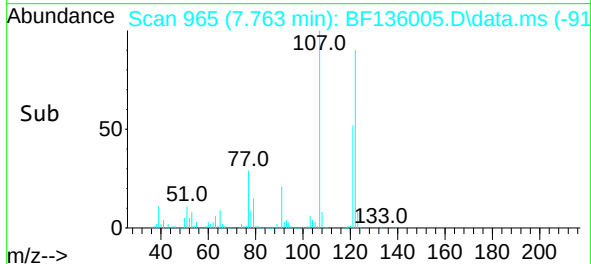
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion:122 Resp: 44475
Ion Ratio Lower Upper
122 100
107 111.5 87.1 130.7
121 57.4 45.9 68.9

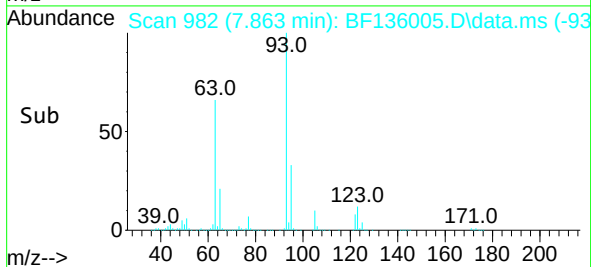
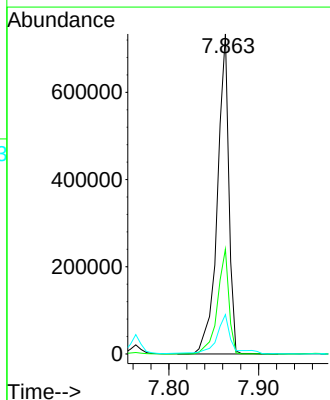
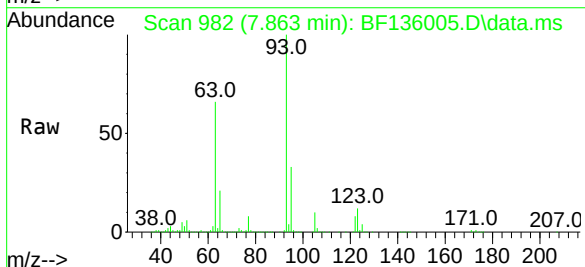
Manual Integrations
APPROVED

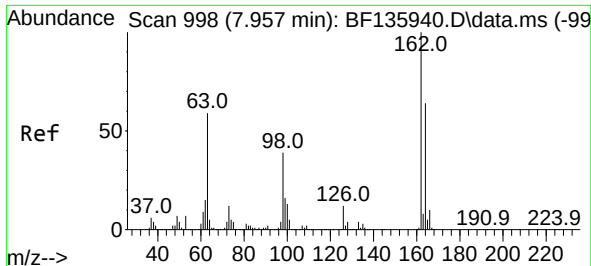
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.648 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Tgt Ion: 93 Resp: 647506
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 12.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 54.278 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

NB-426-COMP-01MS

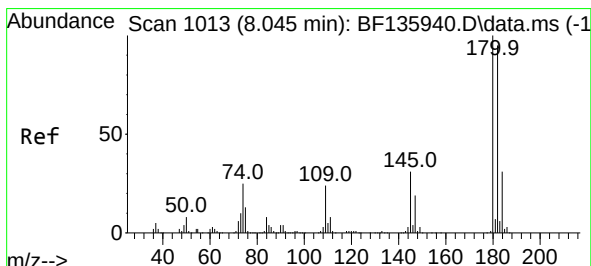
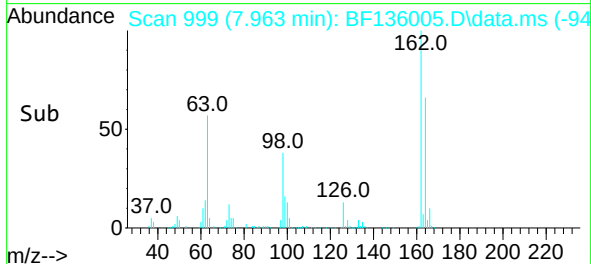
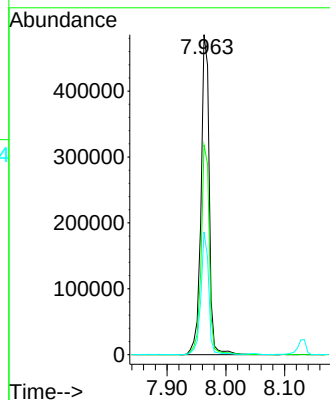
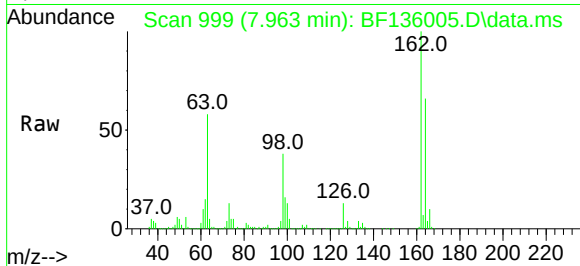
Tgt Ion:162 Resp: 470468
 Ion Ratio Lower Upper
 162 100
 164 65.5 43.7 83.7
 98 38.4 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 51.365 ng

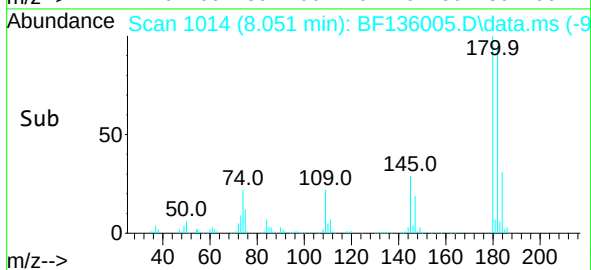
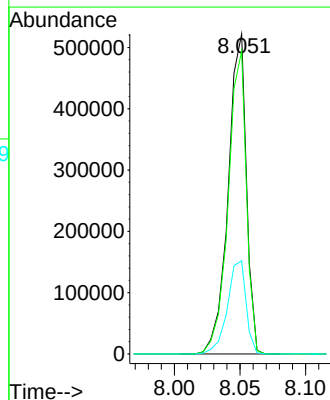
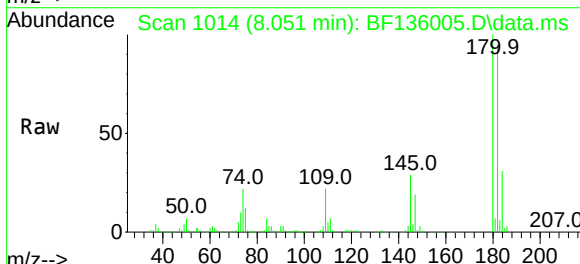
RT: 8.051 min Scan# 1014

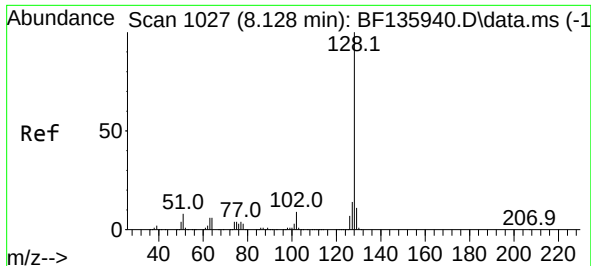
Delta R.T. 0.006 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

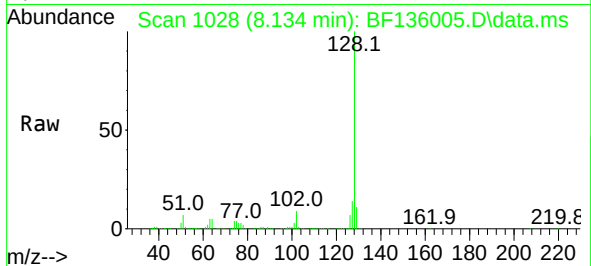
Tgt Ion:180 Resp: 504096
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.0 114.0
 145 29.1 24.6 36.8





#31
Naphthalene
Concen: 49.312 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

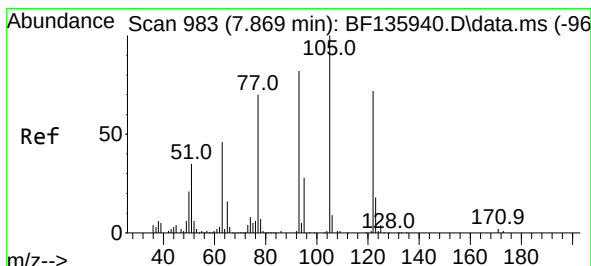
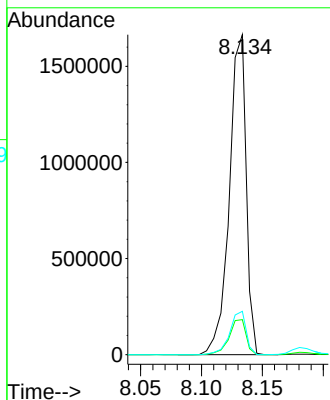
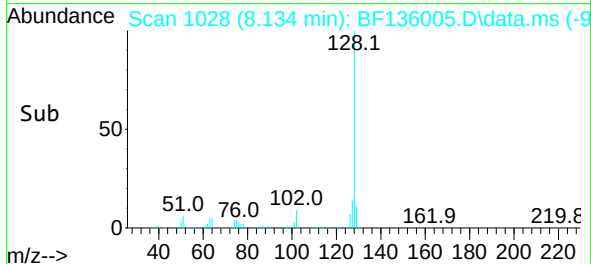
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion:128 Resp: 160187
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.5 10.9 16.3

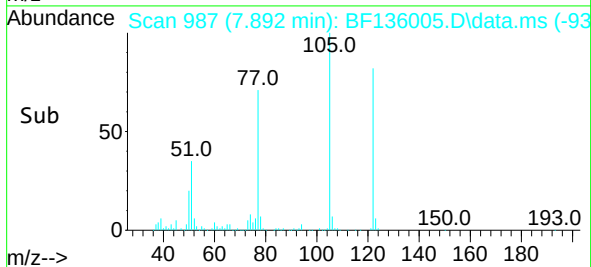
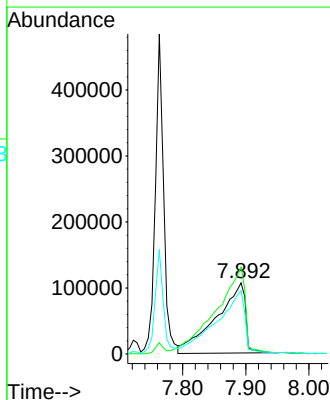
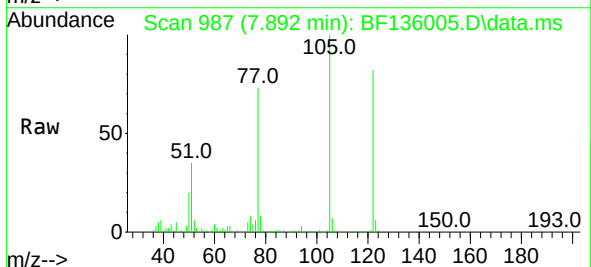
Manual Integrations
APPROVED

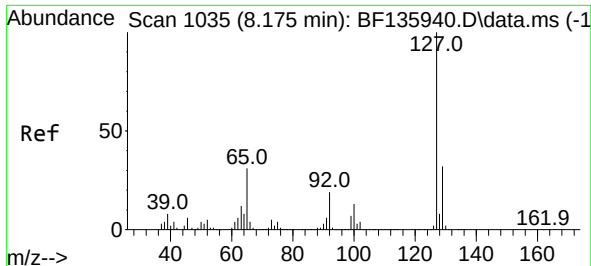
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#32
Benzoic acid
Concen: 62.192 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.023 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Tgt Ion:122 Resp: 342215
Ion Ratio Lower Upper
122 100
105 122.1 113.1 153.1
77 89.1 75.2 115.2





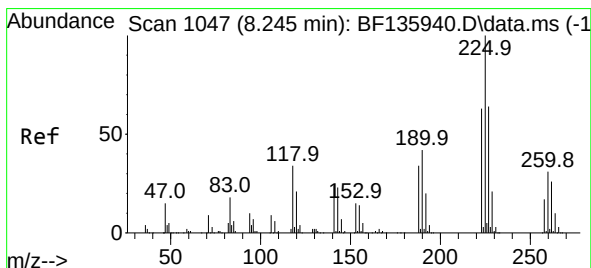
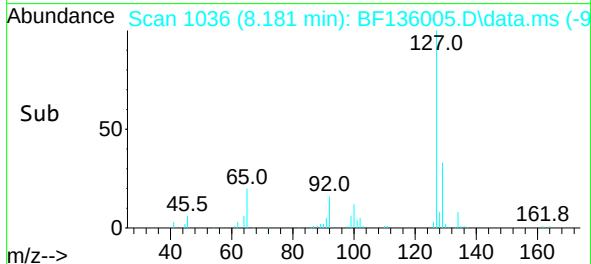
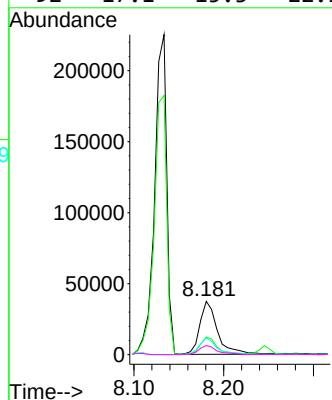
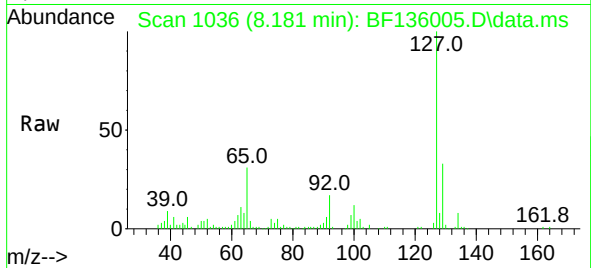
#33
4-Chloroaniline
Concen: 3.576 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS

Tgt Ion:	127	Resp:	51330
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.7	38.5
65	31.4	24.8	37.2
92	17.1	15.3	22.9

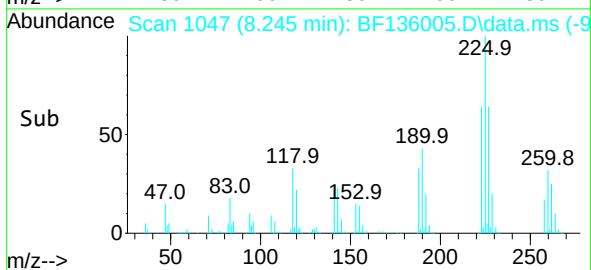
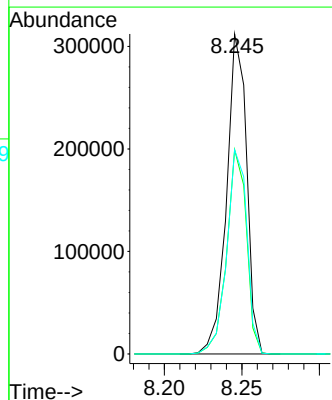
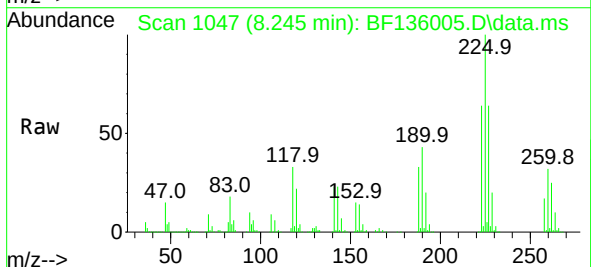
Manual Integrations
APPROVED

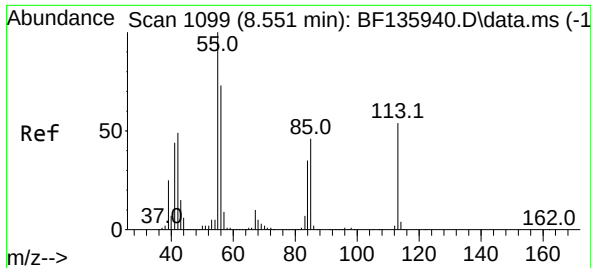
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#34
Hexachlorobutadiene
Concen: 50.704 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

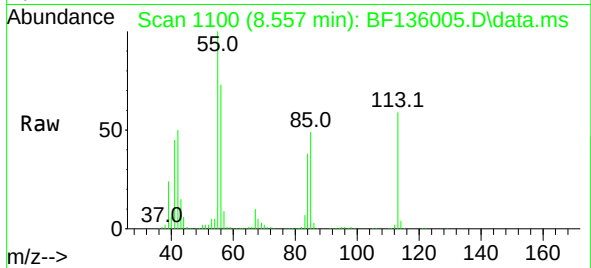
Tgt Ion:	225	Resp:	280472
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.6	75.8
227	63.8	50.9	76.3





#35
Caprolactam
Concen: 50.262 ng m
RT: 8.557 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

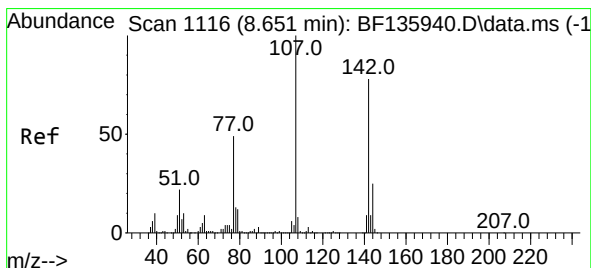
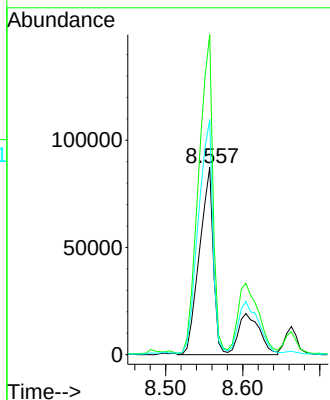
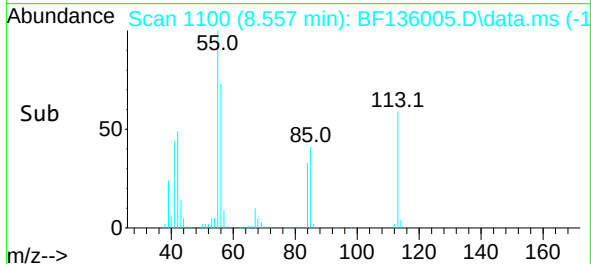
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion:113 Resp: 144978
Ion Ratio Lower Upper
113 100
55 170.9 165.4 205.4
56 125.5 115.2 155.2

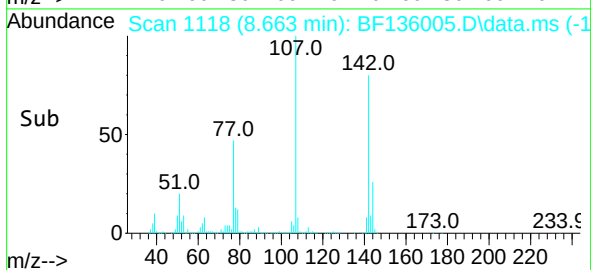
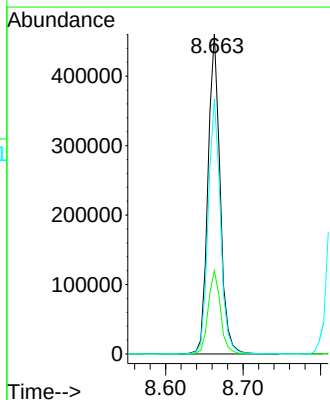
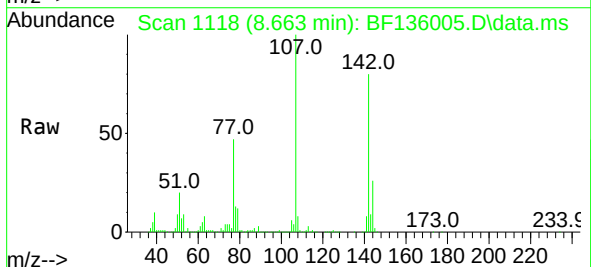
Manual Integrations
APPROVED

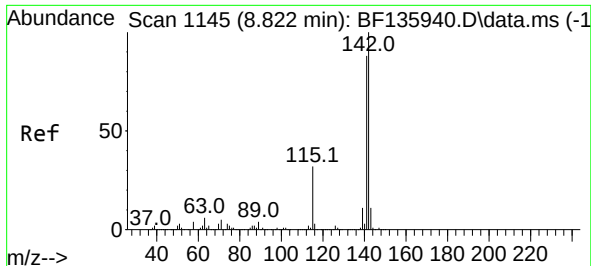
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#36
4-Chloro-3-methylphenol
Concen: 54.372 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

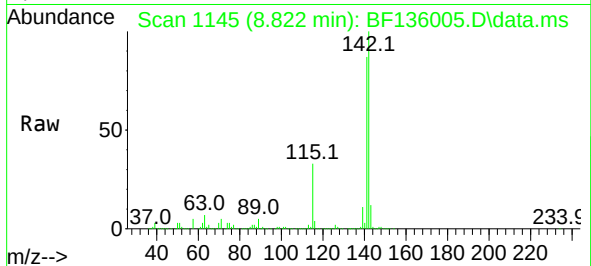
Tgt Ion:107 Resp: 500832
Ion Ratio Lower Upper
107 100
144 26.1 19.9 29.9
142 79.8 62.8 94.2





#37
2-Methylnaphthalene
Concen: 47.232 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

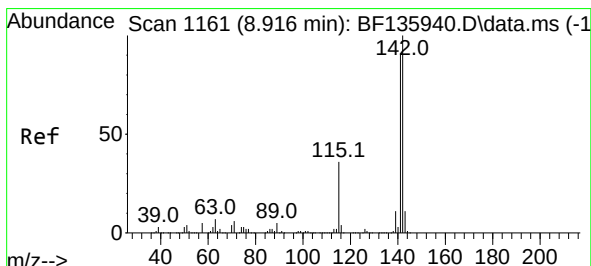
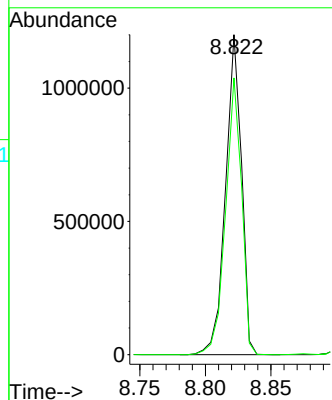
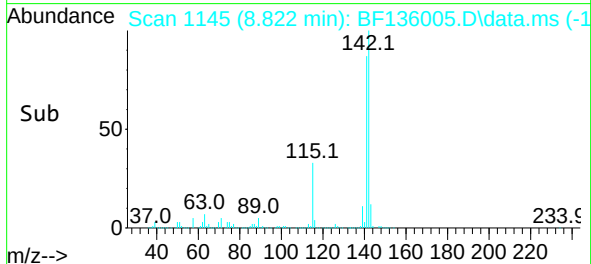
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion:142 Resp: 1015169
Ion Ratio Lower Upper
142 100
141 86.5 70.4 105.6

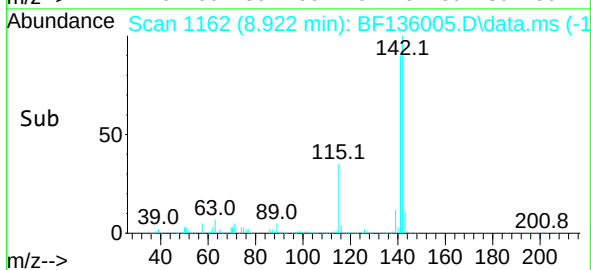
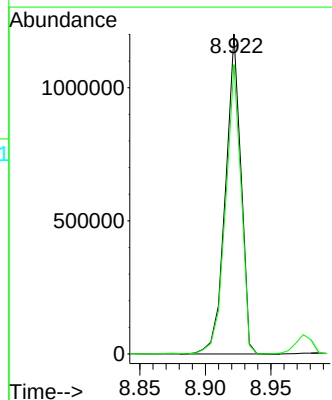
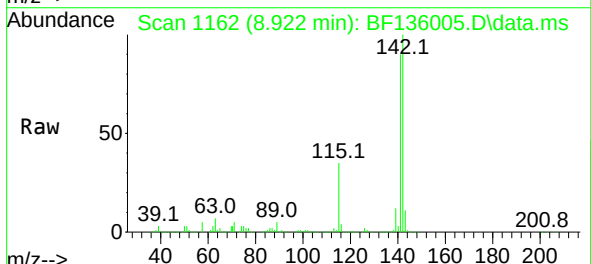
Manual Integrations
APPROVED

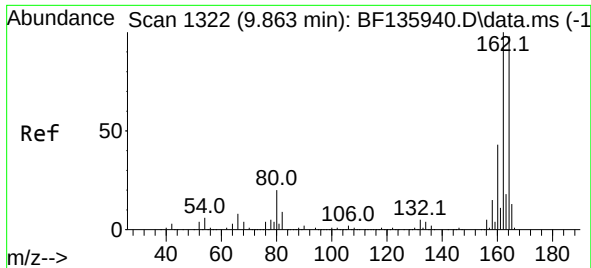
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#38
1-Methylnaphthalene
Concen: 48.925 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

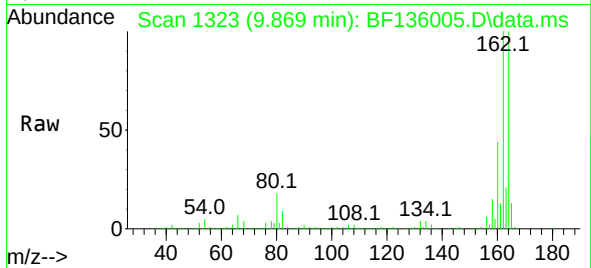
Tgt Ion:142 Resp: 982560
Ion Ratio Lower Upper
142 100
141 90.5 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

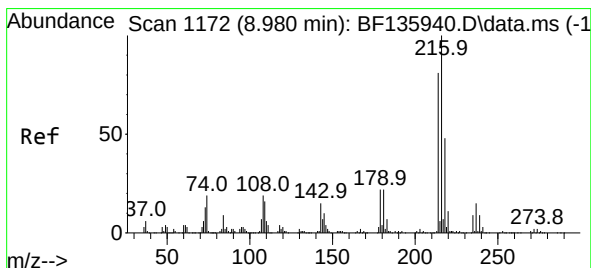
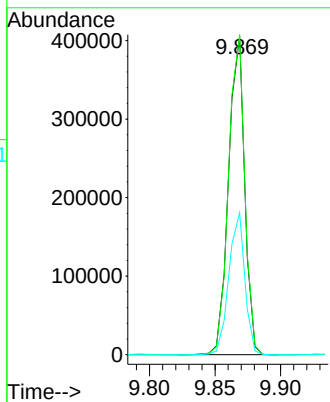
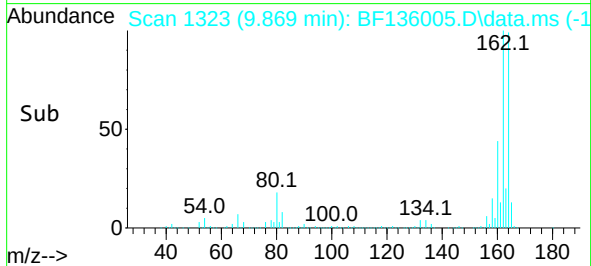
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



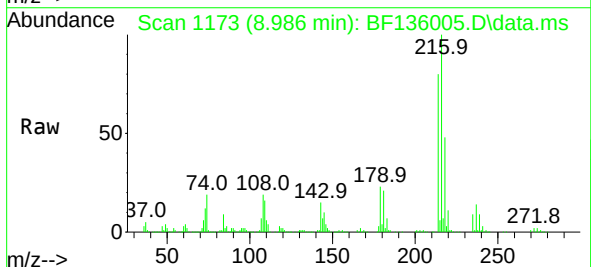
Tgt Ion:164 Resp: 346459
Ion Ratio Lower Upper
164 100
162 100.5 82.0 123.0
160 44.6 35.6 53.4

Manual Integrations
APPROVED

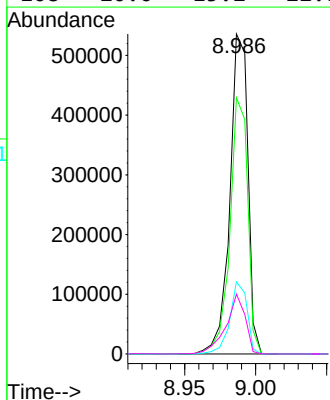
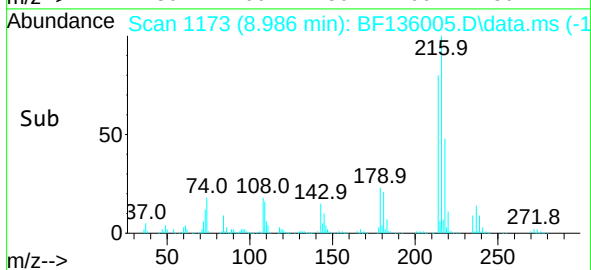
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

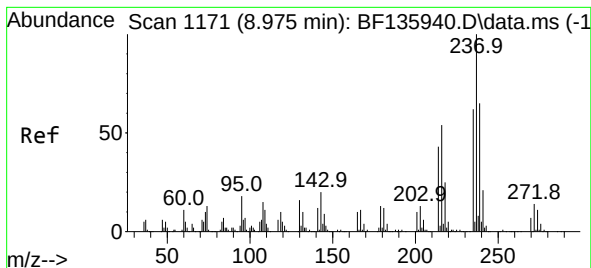


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.508 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



Tgt Ion:216 Resp: 474665
Ion Ratio Lower Upper
216 100
214 79.0 63.3 94.9
179 21.5 17.3 25.9
108 20.0 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 110.729 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

NB-426-COMP-01MS

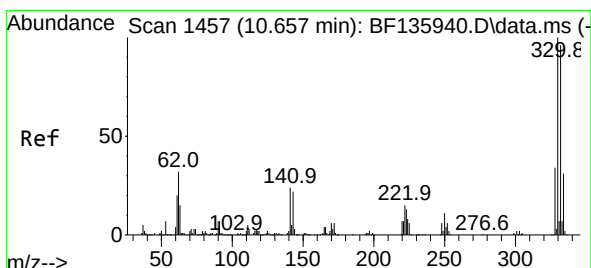
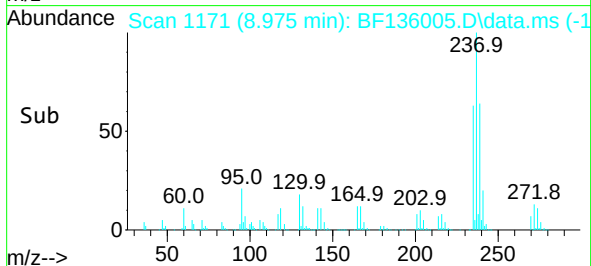
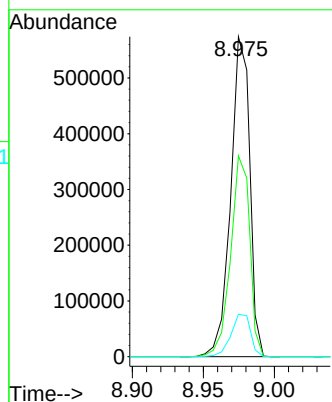
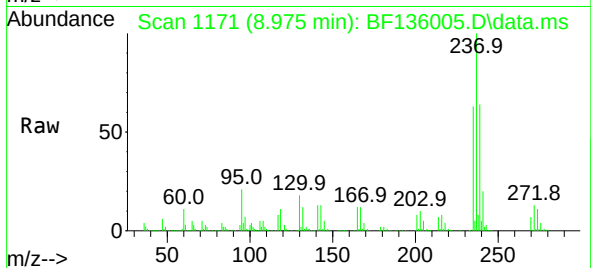
Tgt Ion:	237	Resp:	53427
Ion Ratio	Lower	Upper	
237	100		
235	62.7	41.7	81.7
272	13.3	0.0	33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#42

2,4,6-Tribromophenol

Concen: 171.251 ng

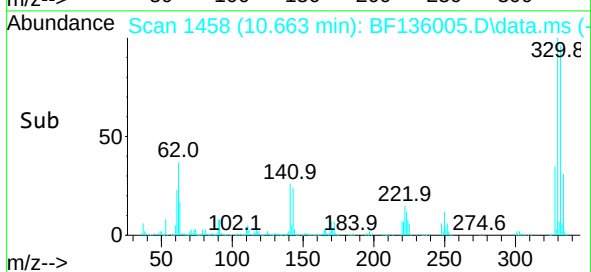
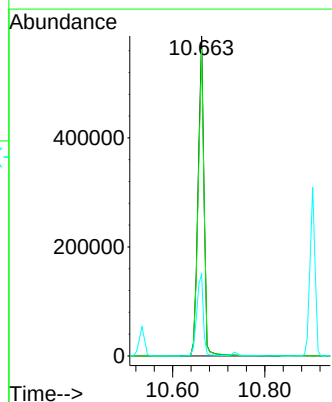
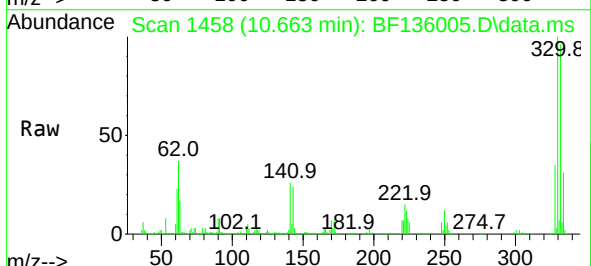
RT: 10.663 min Scan# 1458

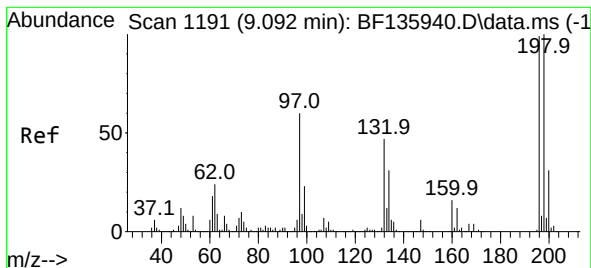
Delta R.T. 0.006 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

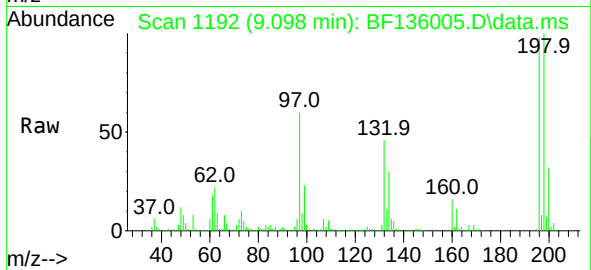
Tgt Ion:	330	Resp:	519326
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.4	116.2
141	28.3	24.9	37.3





#43
2,4,6-Trichlorophenol
Concen: 57.113 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

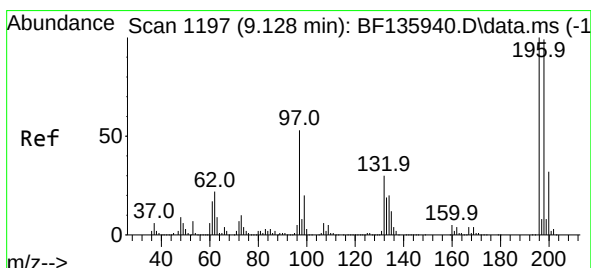
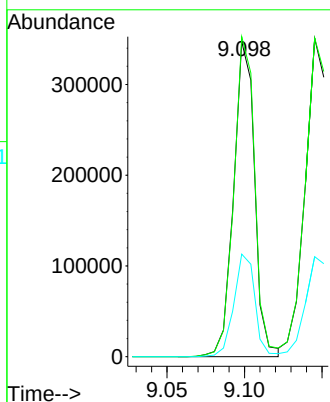
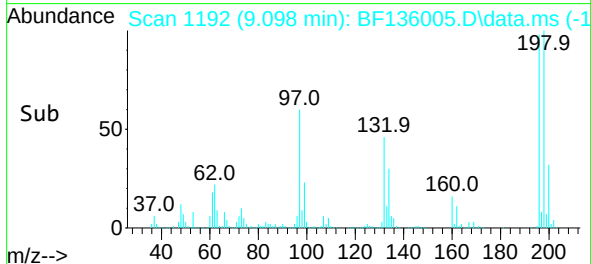
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



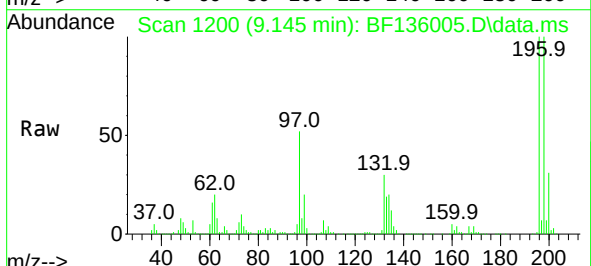
Tgt Ion:196 Resp: 327100
Ion Ratio Lower Upper
196 100
198 101.5 81.0 121.4
200 32.5 25.4 38.0

Manual Integrations
APPROVED

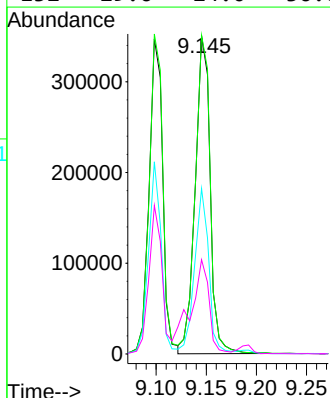
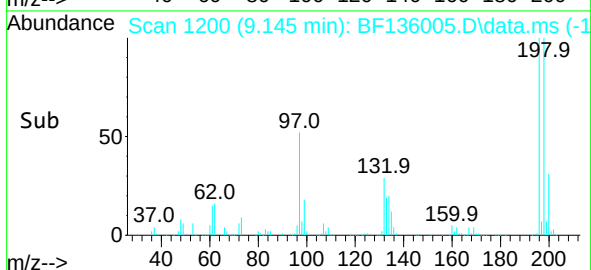
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

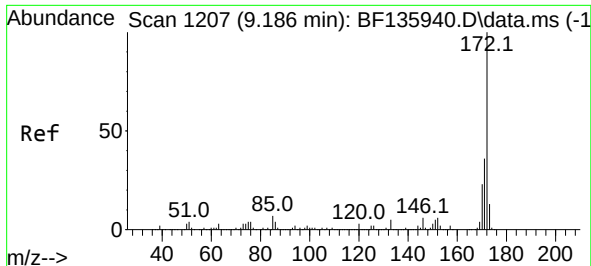


#44
2,4,5-Trichlorophenol
Concen: 53.556 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.018 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



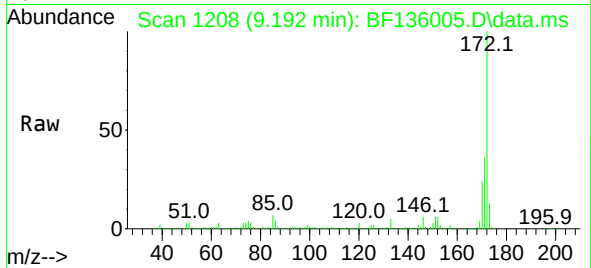
Tgt Ion:196 Resp: 364184
Ion Ratio Lower Upper
196 100
198 100.1 79.1 118.7
97 52.0 42.3 63.5
132 29.6 24.0 36.0





#45
2-Fluorobiphenyl
Concen: 87.861 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

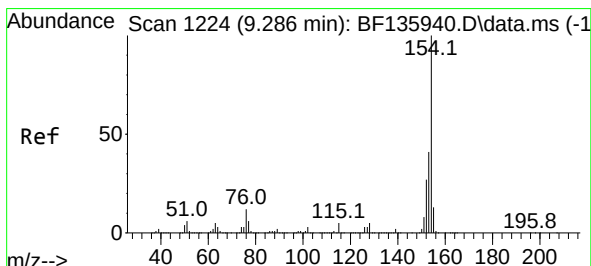
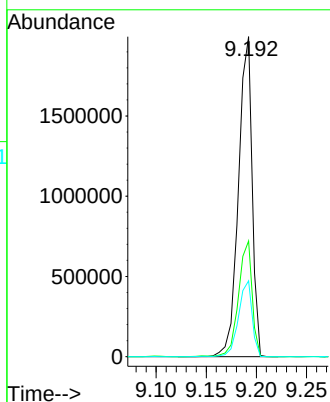
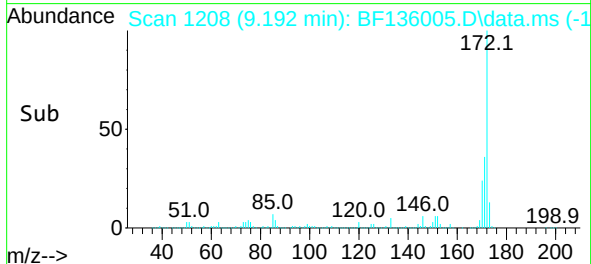
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



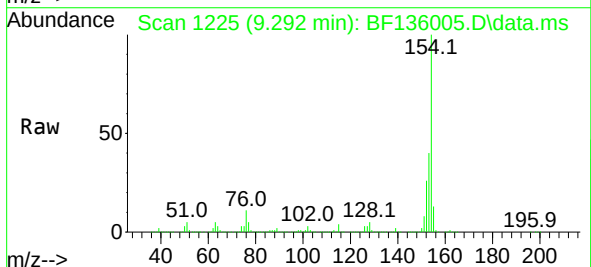
Tgt Ion:172 Resp: 1901040
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.7 18.6 28.0

Manual Integrations
APPROVED

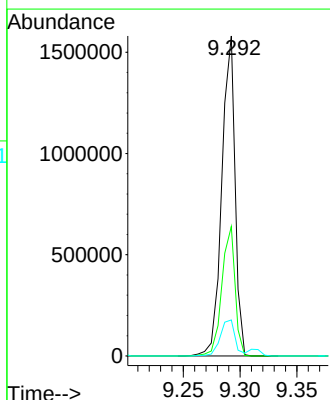
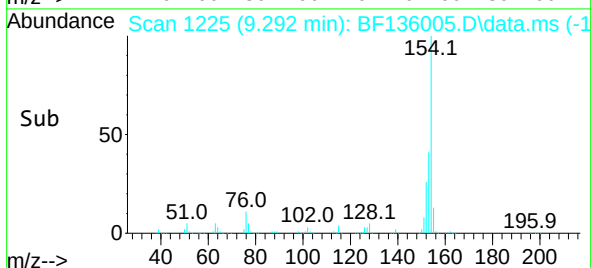
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

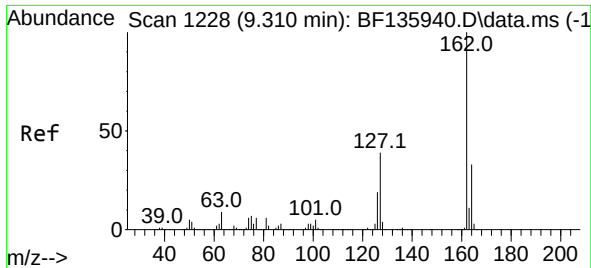


#46
1,1'-Biphenyl
Concen: 49.024 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



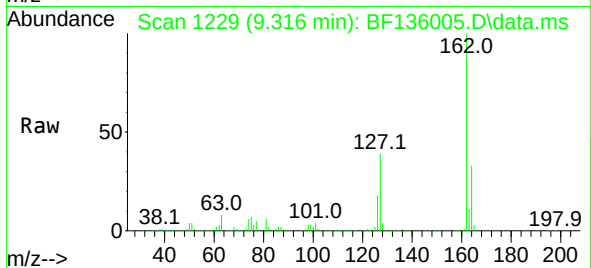
Tgt Ion:154 Resp: 1286987
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 11.2 0.0 32.4





#47
2-Chloronaphthalene
Concen: 50.532 ng
RT: 9.316 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

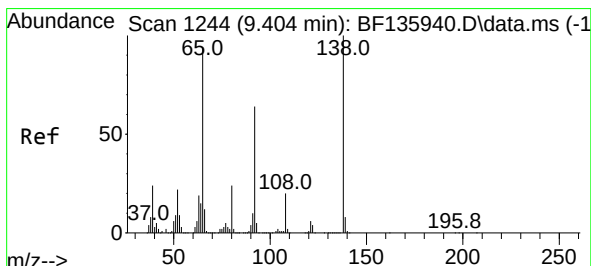
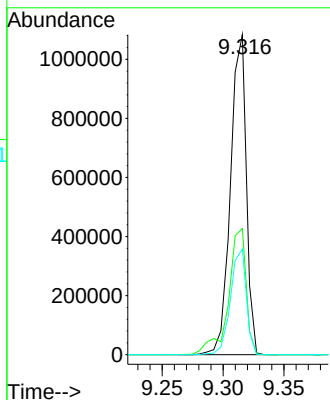
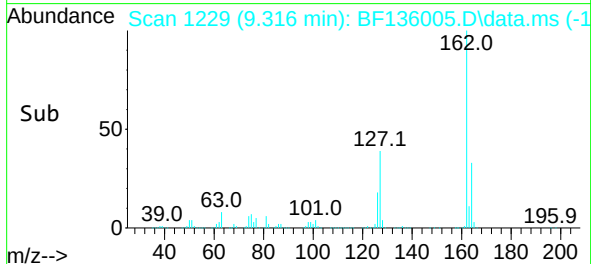
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



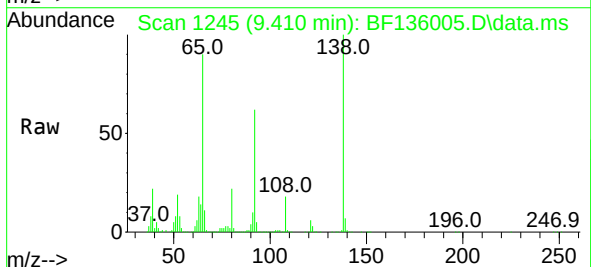
Tgt Ion:162 Resp: 981214
Ion Ratio Lower Upper
162 100
127 39.4 31.0 46.4
164 33.1 26.6 39.8

Manual Integrations
APPROVED

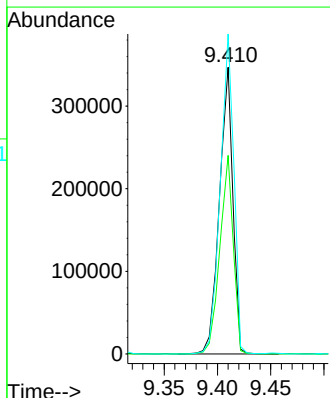
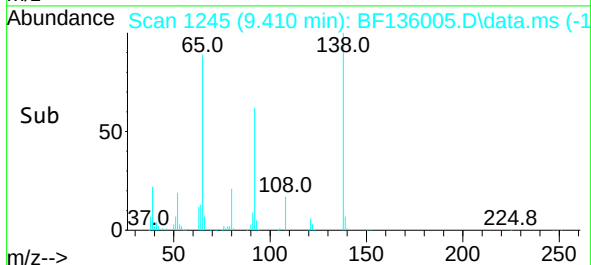
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

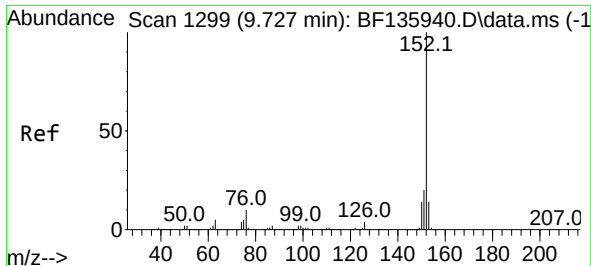


#48
2-Nitroaniline
Concen: 55.455 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



Tgt Ion: 65 Resp: 304810
Ion Ratio Lower Upper
65 100
92 69.2 54.9 82.3
138 111.6 85.2 127.8





#49

Acenaphthylene

Concen: 50.586 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF136005.D

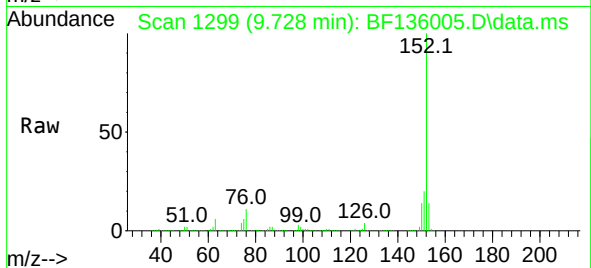
Acq: 28 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

NB-426-COMP-01MS



Tgt Ion:152 Resp: 154964

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

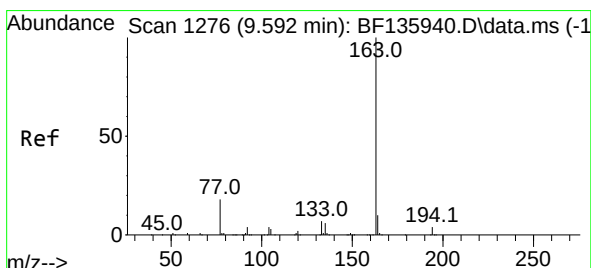
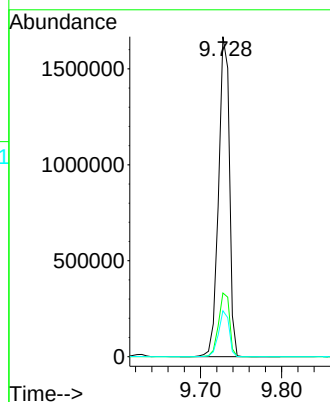
153 14.3 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#50

Dimethylphthalate

Concen: 50.808 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

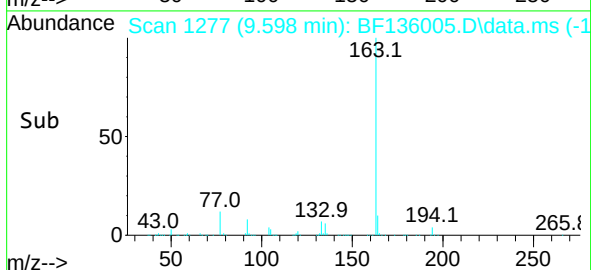
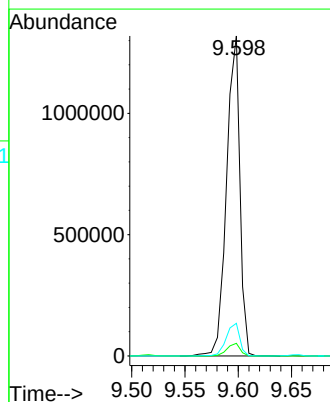
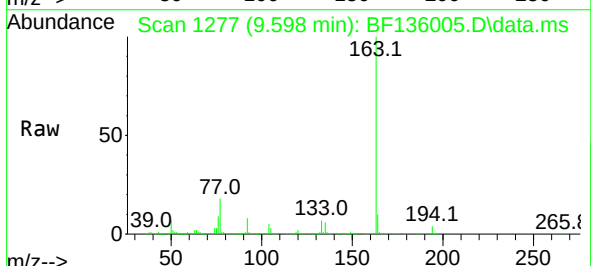
Tgt Ion:163 Resp: 1141548

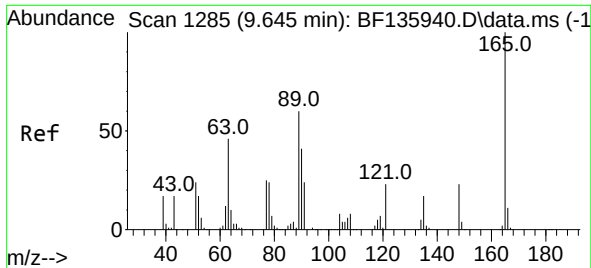
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

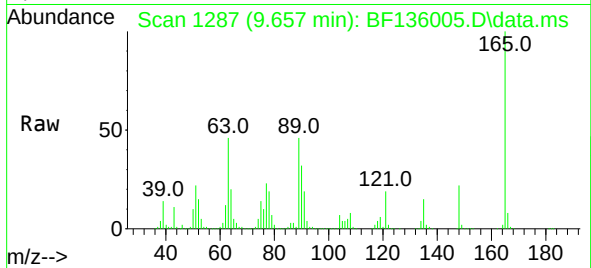
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 55.580 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.012 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

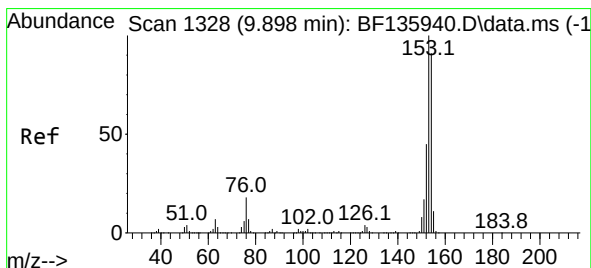
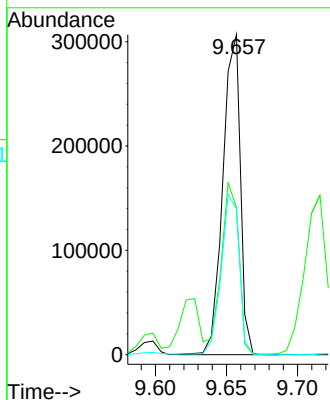
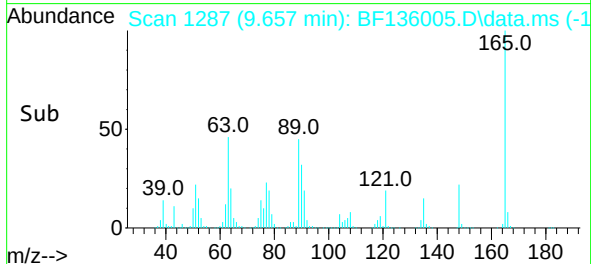
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



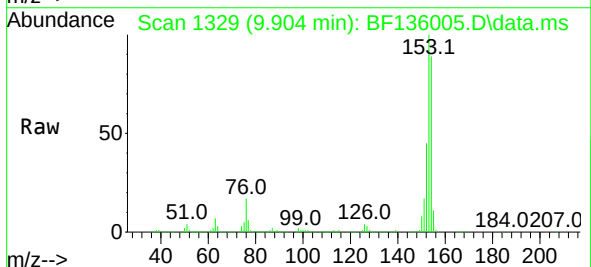
Tgt Ion:165 Resp: 26286
Ion Ratio Lower Upper
165 100
63 46.0 51.7 77.5
89 45.5 48.3 72.5

Manual Integrations
APPROVED

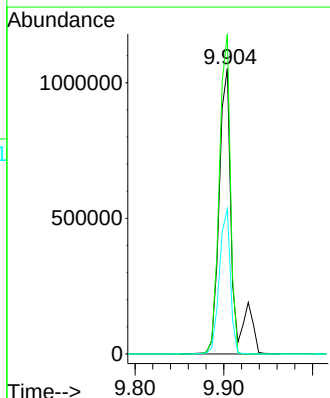
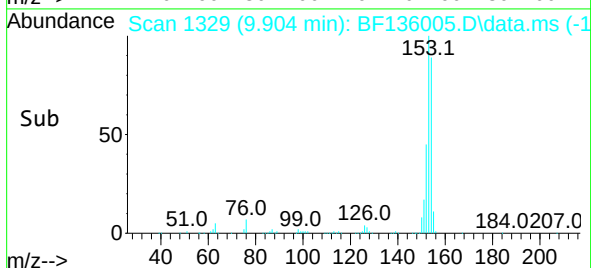
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

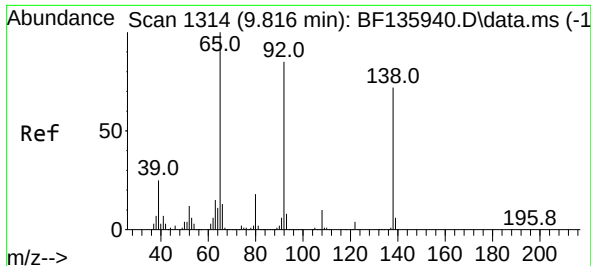


#52
Acenaphthene
Concen: 55.197 ng m
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



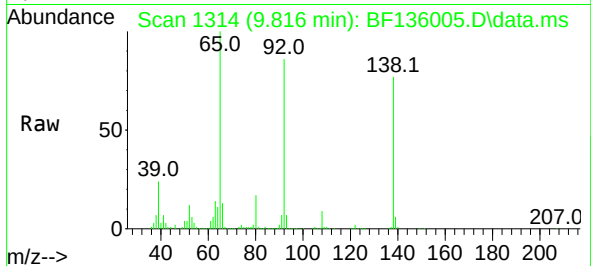
Tgt Ion:154 Resp: 1083630
Ion Ratio Lower Upper
154 100
153 112.1 88.0 132.0
152 50.8 39.4 59.2





#53
3-Nitroaniline
Concen: 18.857 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

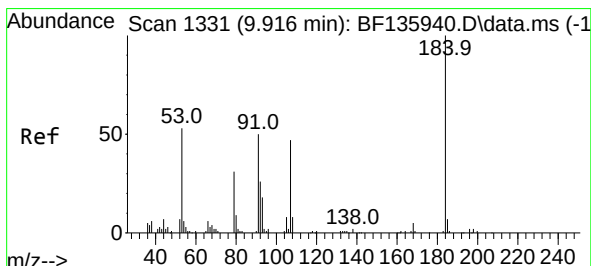
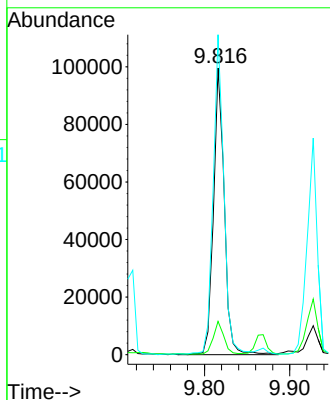
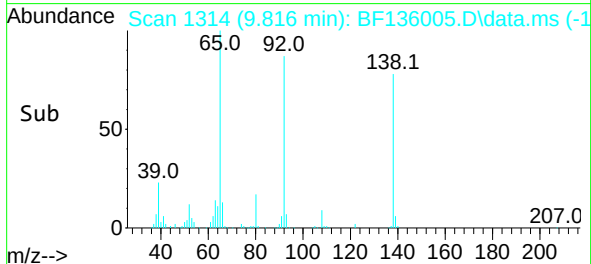
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



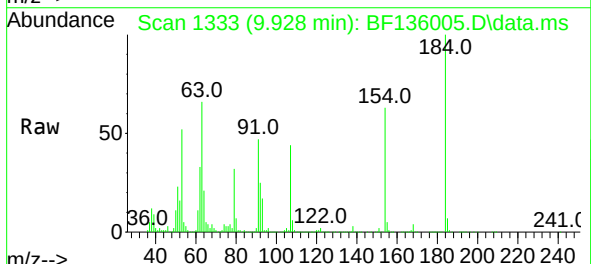
Tgt Ion:138 Resp: 88045
Ion Ratio Lower Upper
138 100
108 11.6 11.3 16.9
92 111.6 95.0 142.6

Manual Integrations
APPROVED

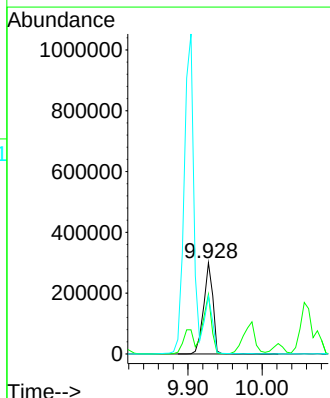
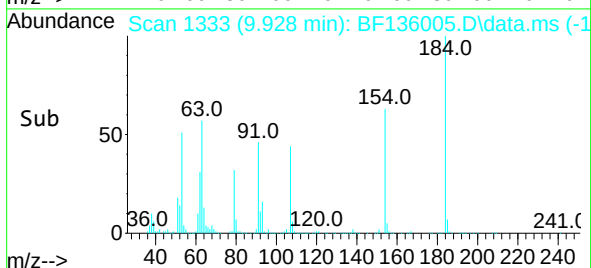
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

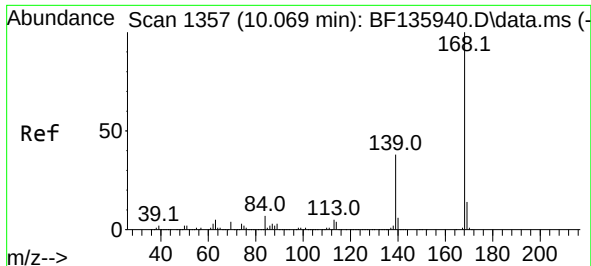


#54
2,4-Dinitrophenol
Concen: 110.557 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



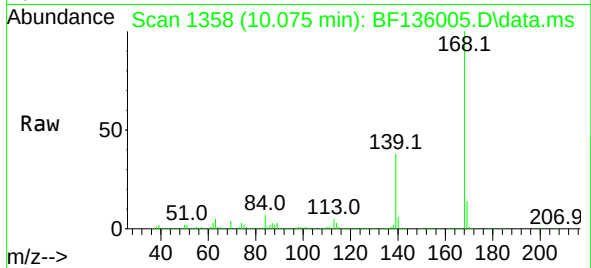
Tgt Ion:184 Resp: 261688
Ion Ratio Lower Upper
184 100
63 65.5 56.3 84.5
154 63.4 48.1 72.1





#55
Dibenzenofuran
Concen: 48.858 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

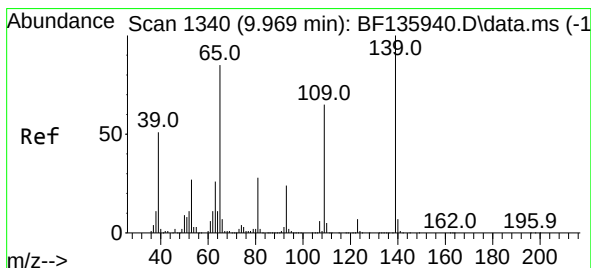
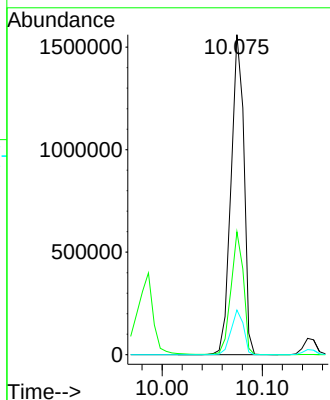
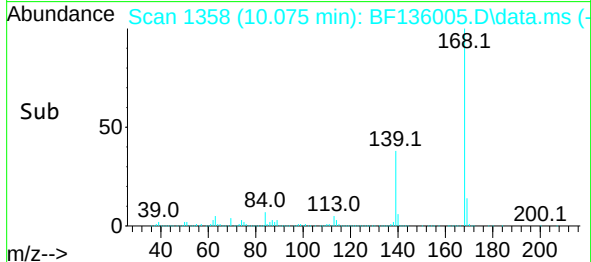
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion:168 Resp: 138569
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 13.9 11.1 16.7

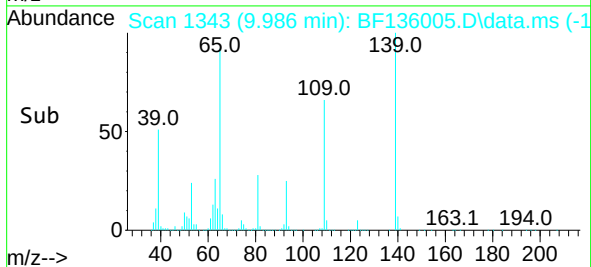
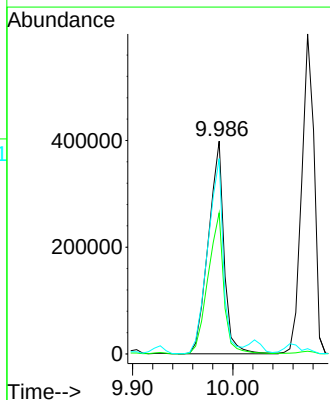
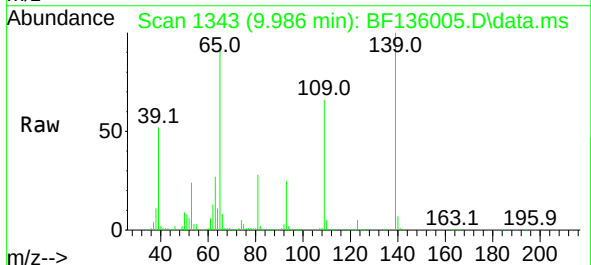
Manual Integrations
APPROVED

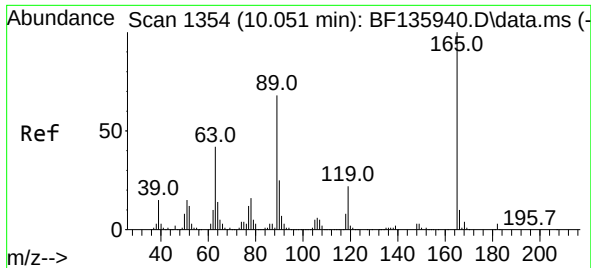
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#56
4-Nitrophenol
Concen: 94.606 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.017 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

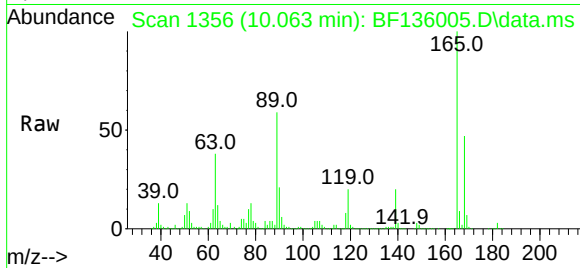
Tgt Ion:139 Resp: 434343
Ion Ratio Lower Upper
139 100
109 66.3 45.2 85.2
65 91.8 65.1 105.1





#57
2,4-Dinitrotoluene
Concen: 59.118 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

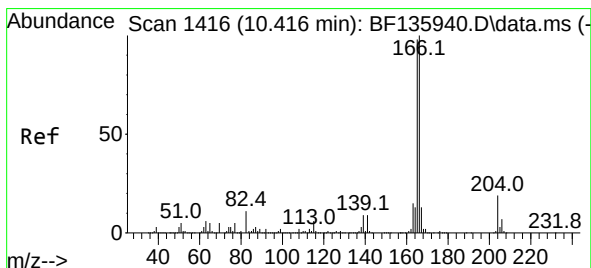
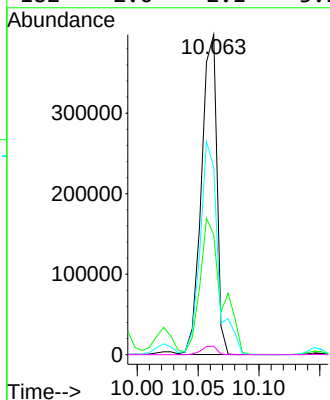
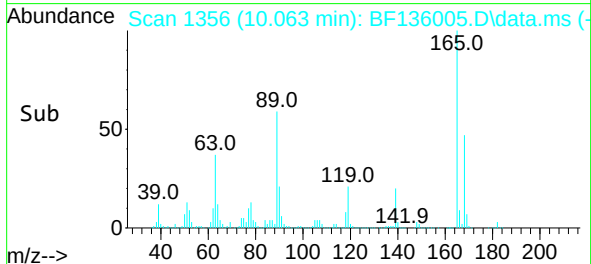
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



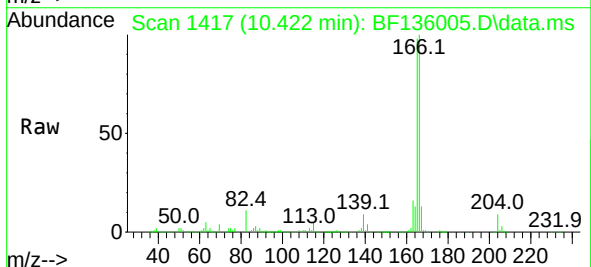
Tgt Ion:165 Resp: 349710
Ion Ratio Lower Upper
165 100
63 37.5 33.7 50.5
89 58.5 54.6 81.8
182 2.6 2.1 3.1

Manual Integrations
APPROVED

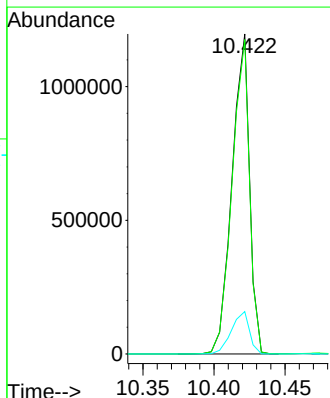
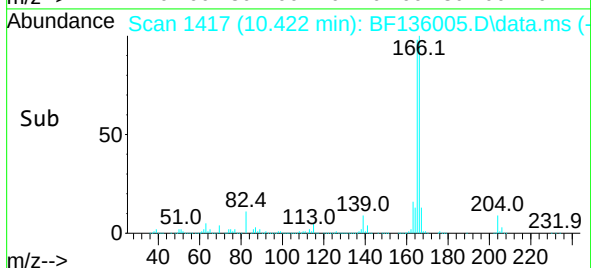
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

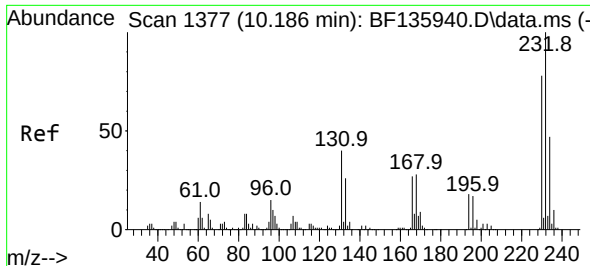


#58
Fluorene
Concen: 48.238 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



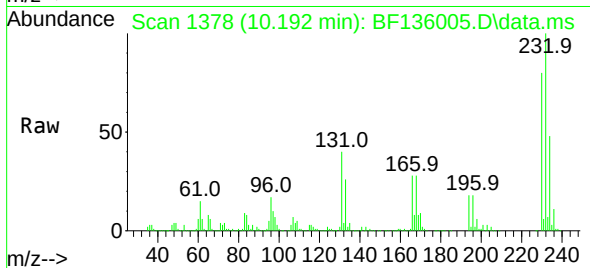
Tgt Ion:166 Resp: 1023547
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.901 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

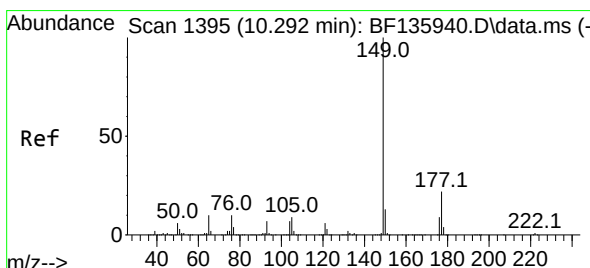
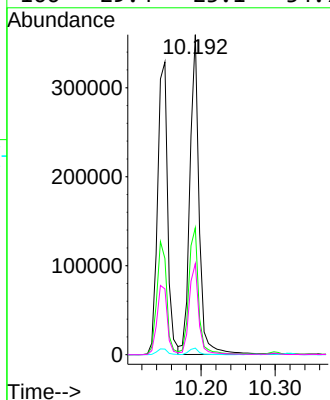
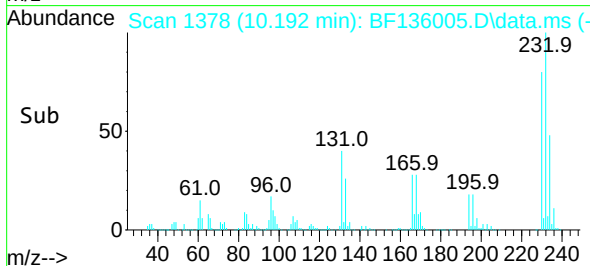
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



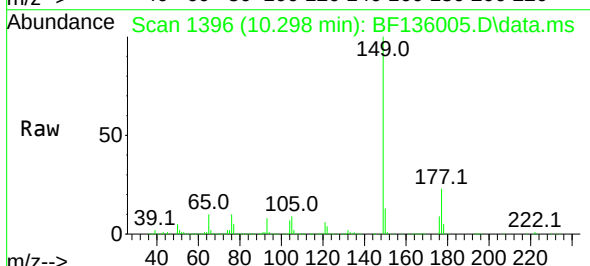
Tgt Ion:232 Resp: 31163
Ion Ratio Lower Upper
232 100
131 41.2 35.2 52.8
130 2.2 1.7 2.5
166 29.4 23.1 34.7

Manual Integrations
APPROVED

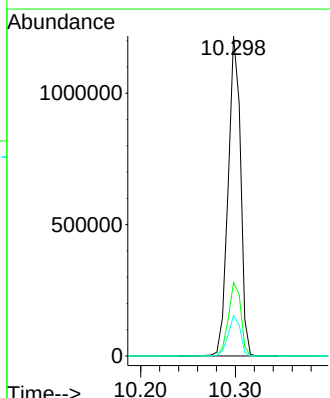
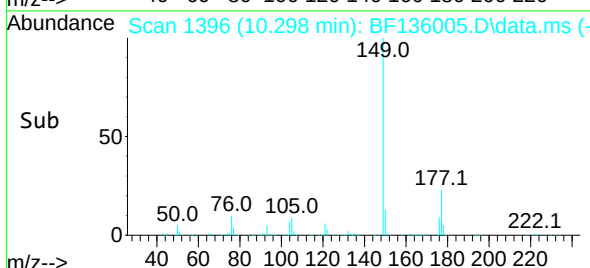
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

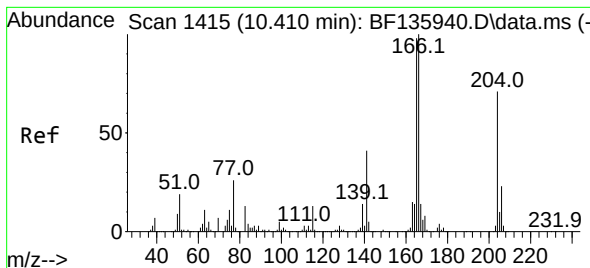


#60
Diethylphthalate
Concen: 51.727 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



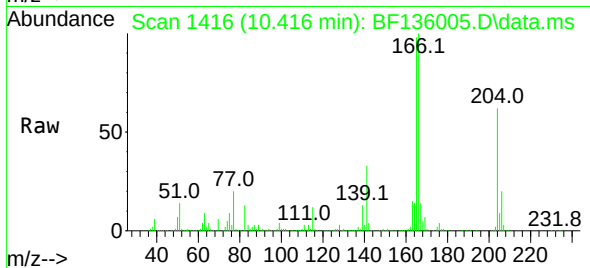
Tgt Ion:149 Resp: 1108256
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.540 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

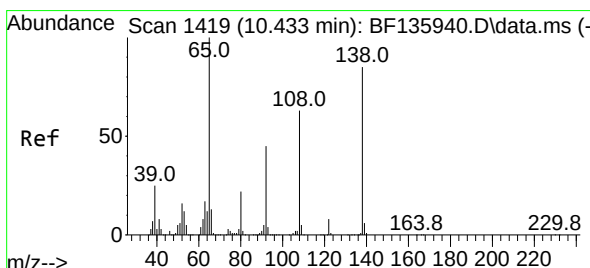
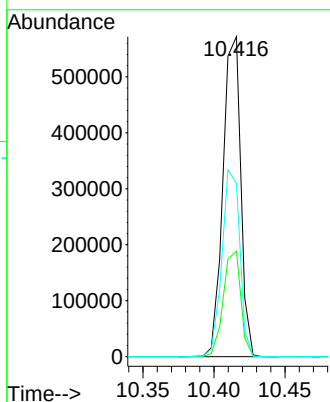
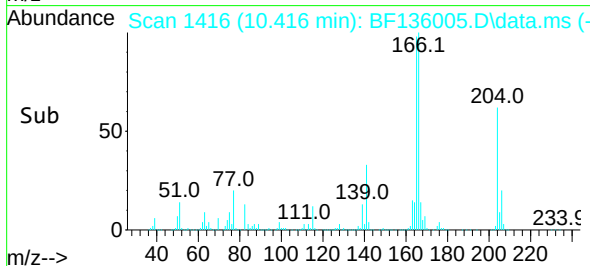
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



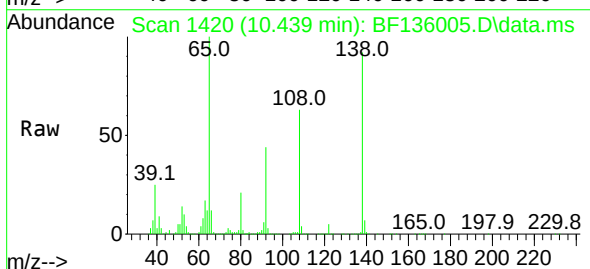
Tgt Ion:204 Resp: 496829
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 54.1 46.2 69.2

Manual Integrations
APPROVED

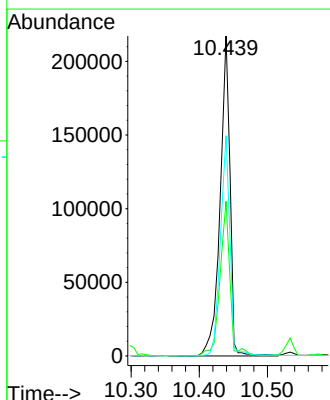
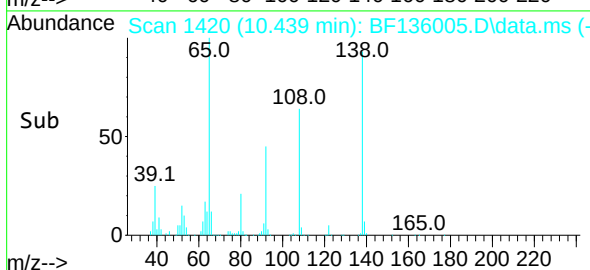
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

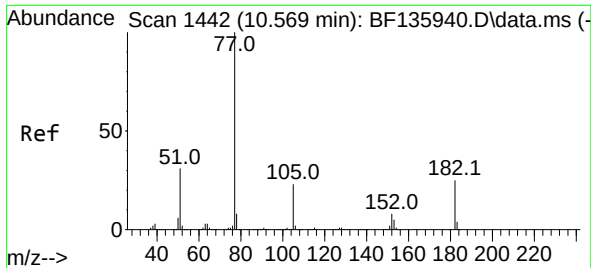


#62
4-Nitroaniline
Concen: 40.607 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



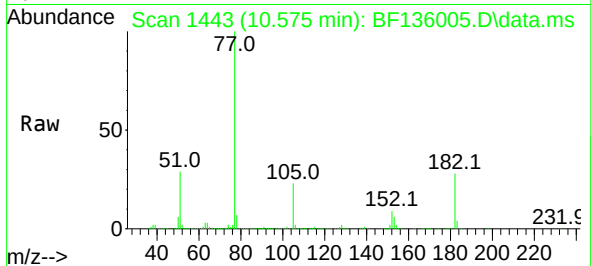
Tgt Ion:138 Resp: 219719
Ion Ratio Lower Upper
138 100
92 48.4 32.9 72.9
108 68.9 53.5 93.5





#63
Azobenzene
Concen: 48.057 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

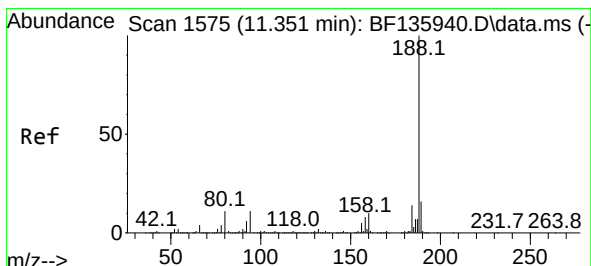
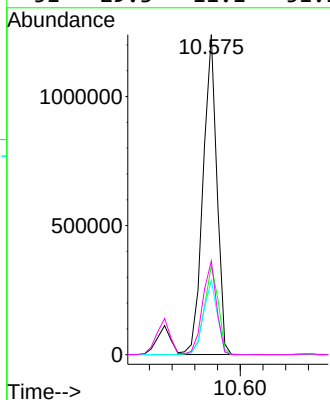
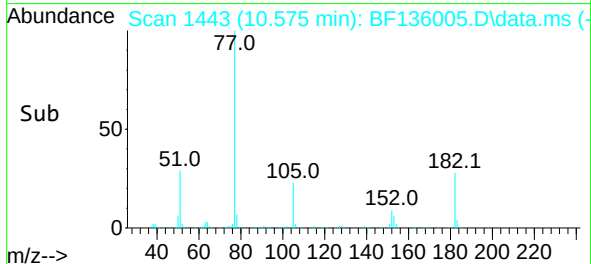
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



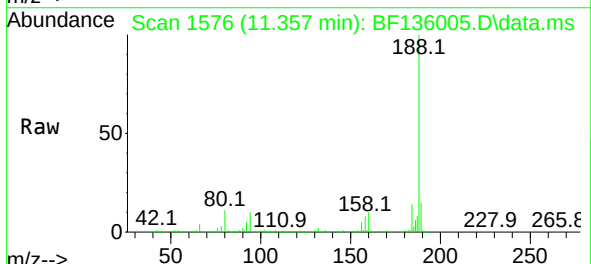
Tgt Ion: 77 Resp: 104487
Ion Ratio Lower Upper
77 100
182 27.8 5.1 45.1
105 23.3 2.8 42.8
51 29.3 11.1 51.1

Manual Integrations
APPROVED

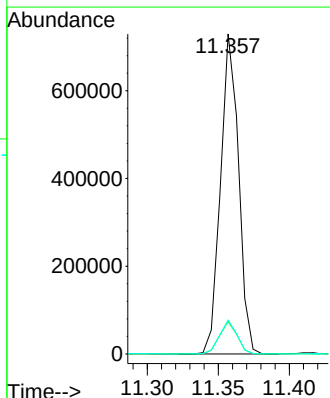
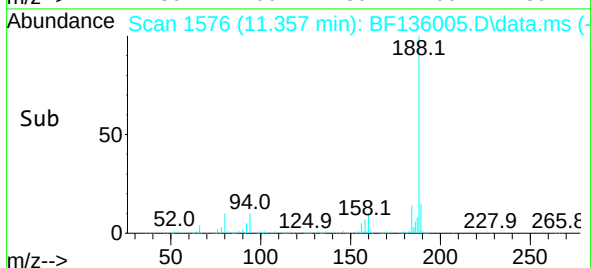
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

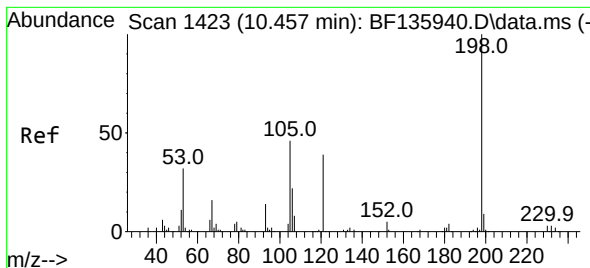


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



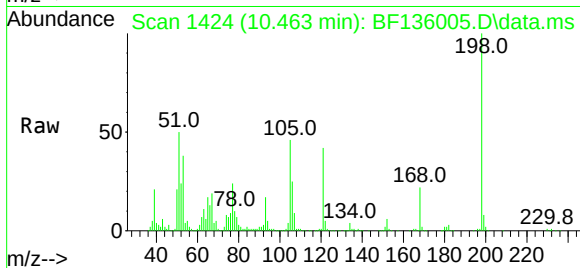
Tgt Ion:188 Resp: 643077
Ion Ratio Lower Upper
188 100
94 10.1 8.6 13.0
80 10.6 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 68.113 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

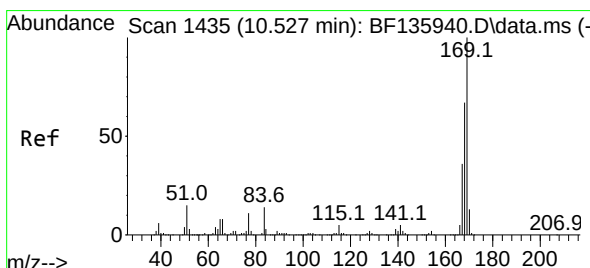
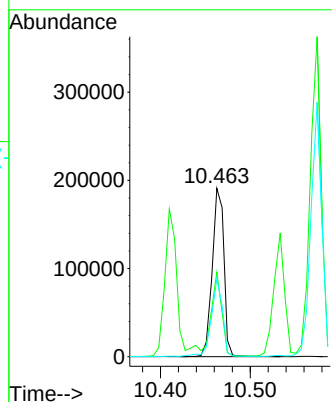
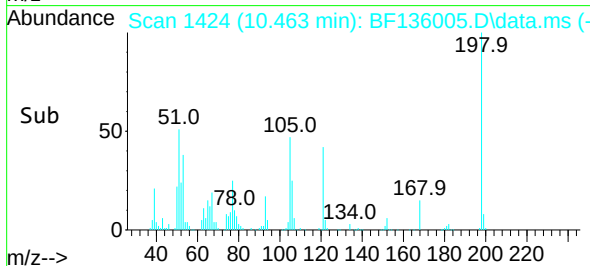
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



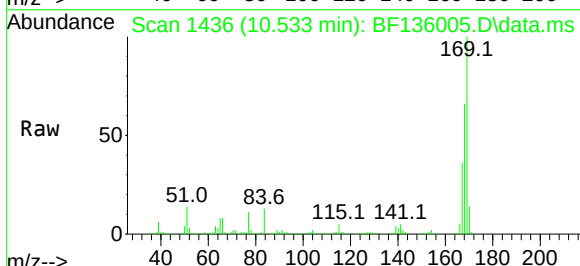
Tgt Ion:198 Resp: 17251
Ion Ratio Lower Upper
198 100
51 50.3 28.7 68.7
105 46.3 27.2 67.2

Manual Integrations
APPROVED

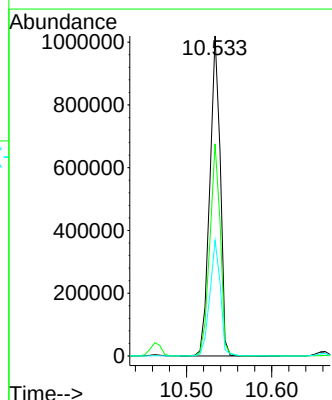
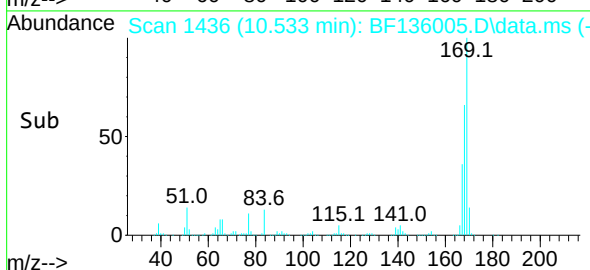
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

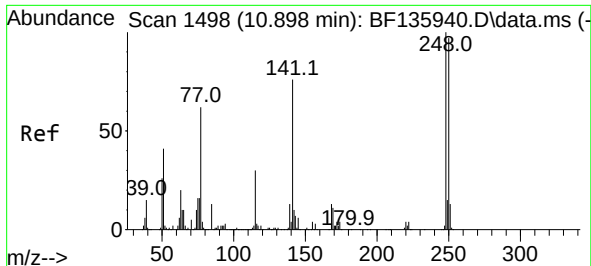


#66
n-Nitrosodiphenylamine
Concen: 44.660 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



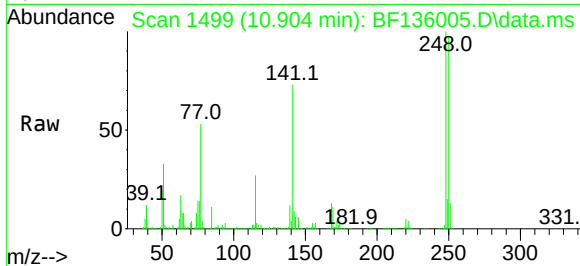
Tgt Ion:169 Resp: 867617
Ion Ratio Lower Upper
169 100
168 66.3 53.5 80.3
167 36.1 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 51.437 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

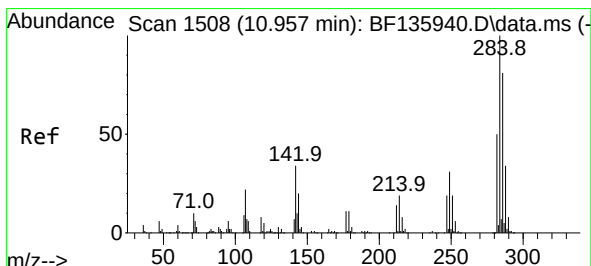
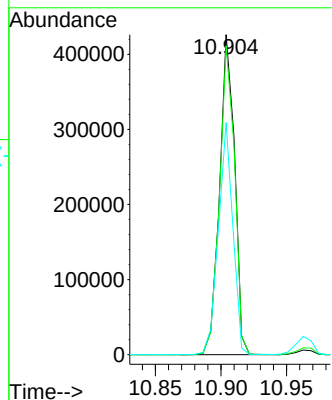
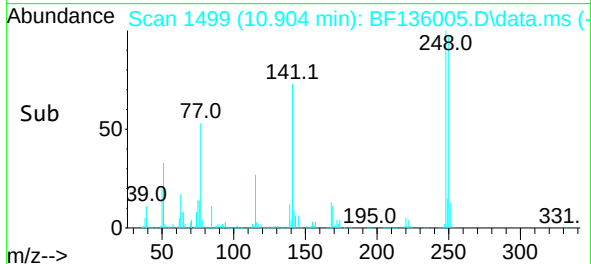
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



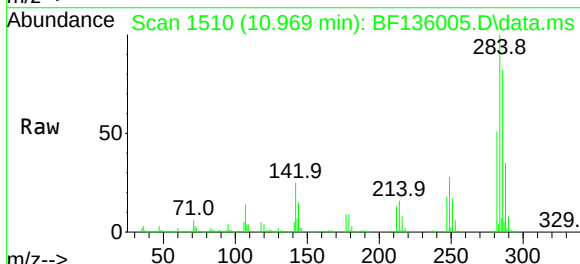
Tgt Ion:248 Resp: 338752
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 72.5 60.8 91.2

Manual Integrations
APPROVED

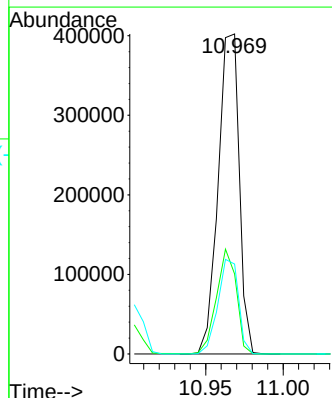
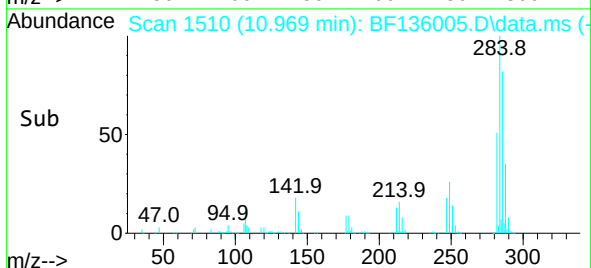
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

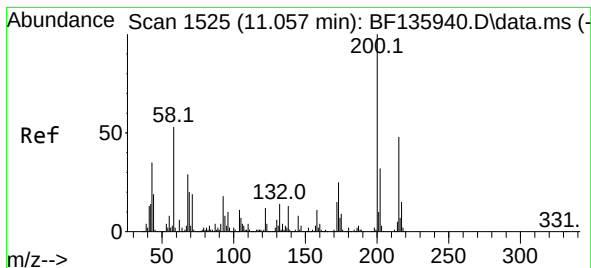


#68
Hexachlorobenzene
Concen: 54.138 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.012 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



Tgt Ion:284 Resp: 380876
Ion Ratio Lower Upper
284 100
142 25.0 27.6 41.4#
249 28.1 24.7 37.1





#69

Atrazine

Concen: 29.690 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

NB-426-COMP-01MS

Tgt Ion:200 Resp: 157239

Ion Ratio Lower Upper

200 100

173 25.4 5.5 45.5

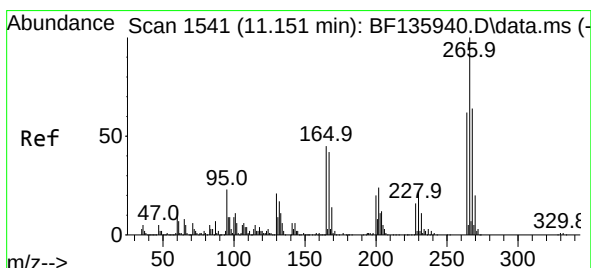
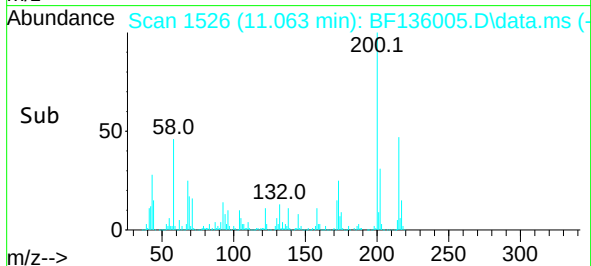
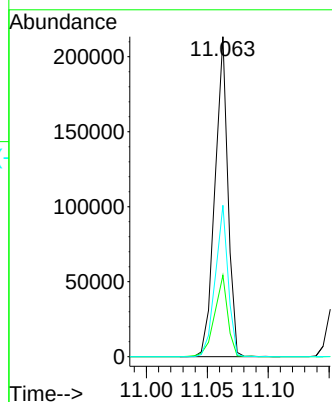
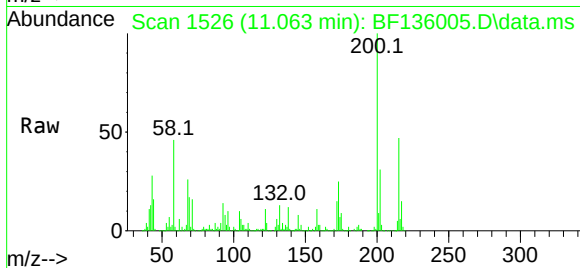
215 47.3 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#70

Pentachlorophenol

Concen: 101.229 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.012 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

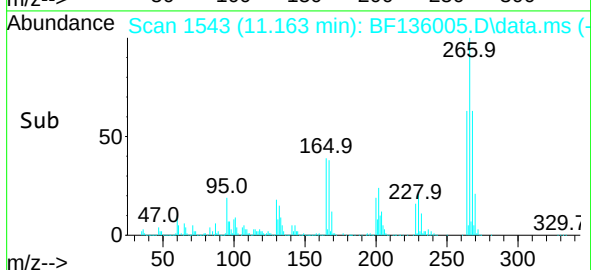
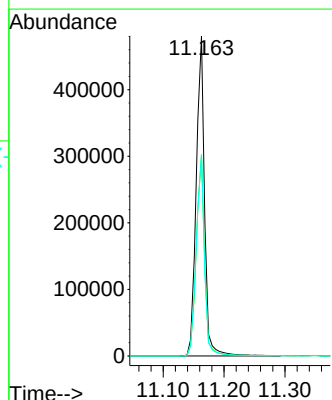
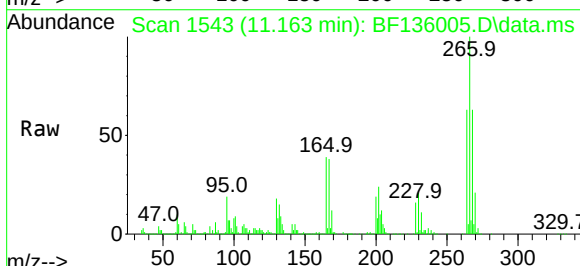
Tgt Ion:266 Resp: 456816

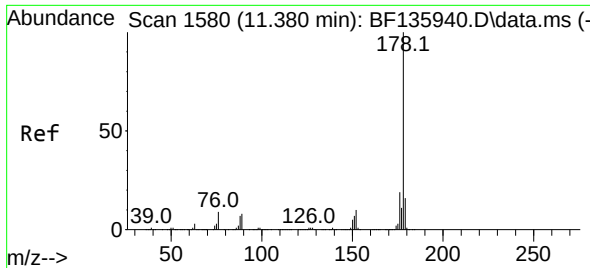
Ion Ratio Lower Upper

266 100

268 62.9 50.8 76.2

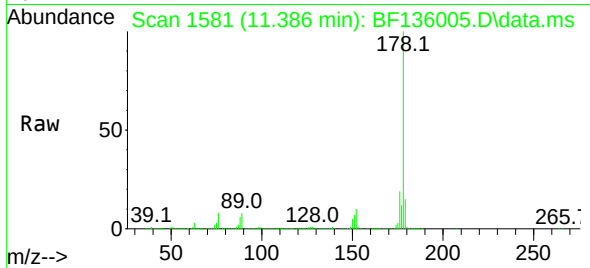
264 63.1 49.8 74.6





#71
Phenanthrene
Concen: 49.566 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

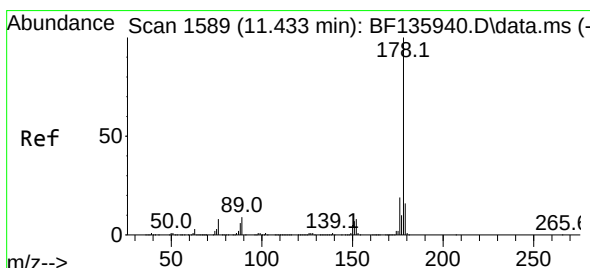
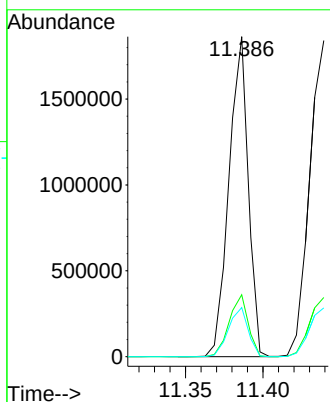
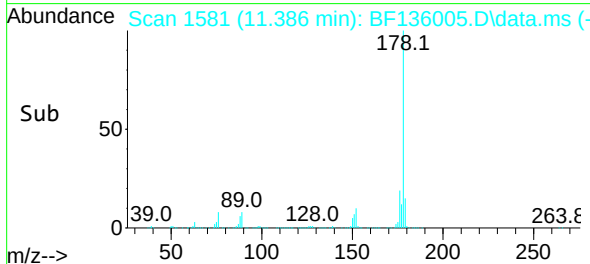
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



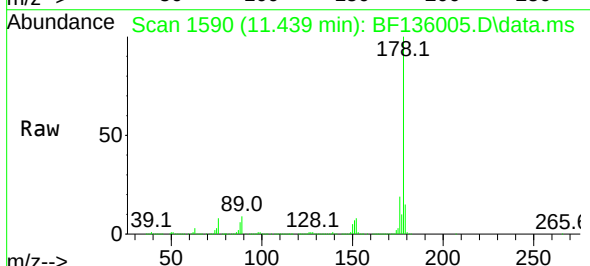
Tgt Ion:178 Resp: 161262
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.5 18.7

Manual Integrations
APPROVED

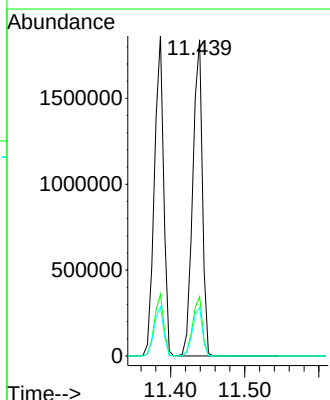
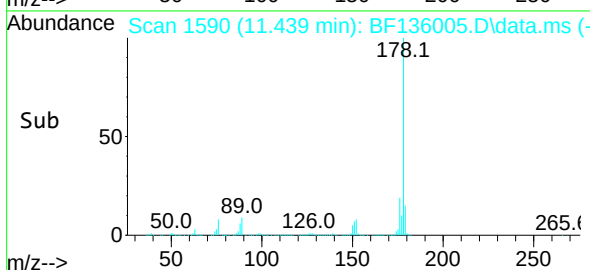
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

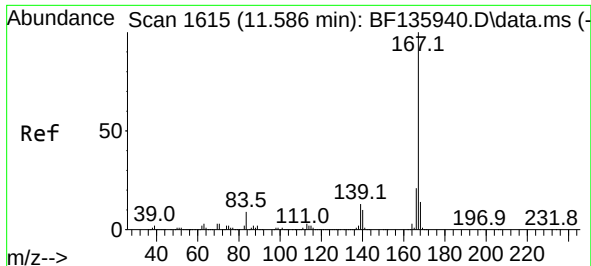


#72
Anthracene
Concen: 49.479 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



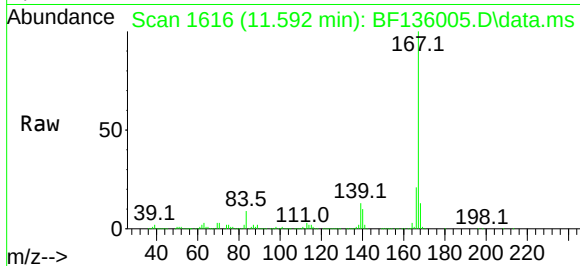
Tgt Ion:178 Resp: 1648298
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 43.612 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.006 min
 Lab File: BF136005.D
 Acq: 28 Oct 2023 15:03

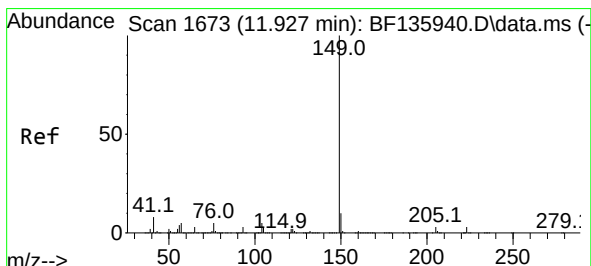
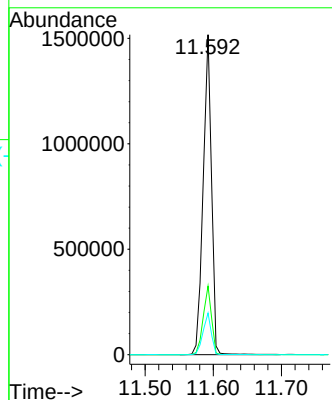
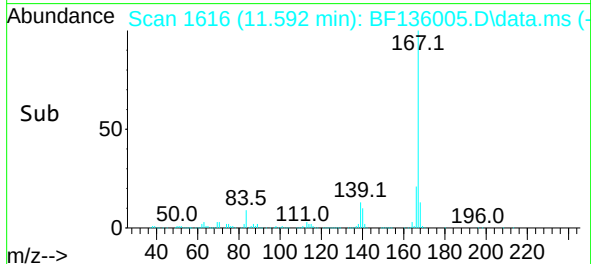
Instrument :
 BNA_F
 ClientSampleId :
 NB-426-COMP-01MS



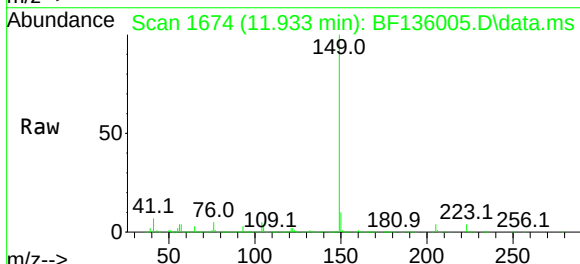
Tgt Ion:167 Resp: 1296011
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.0 10.4 15.6

Manual Integrations
 APPROVED

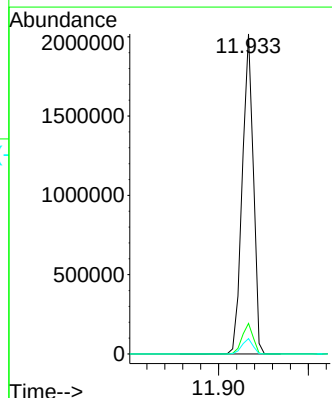
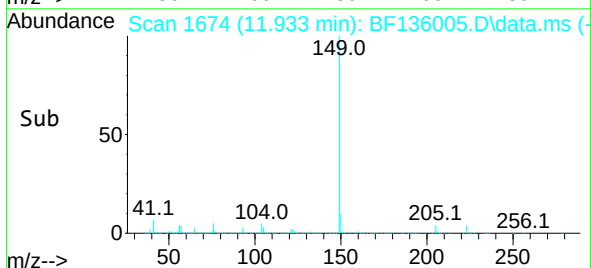
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

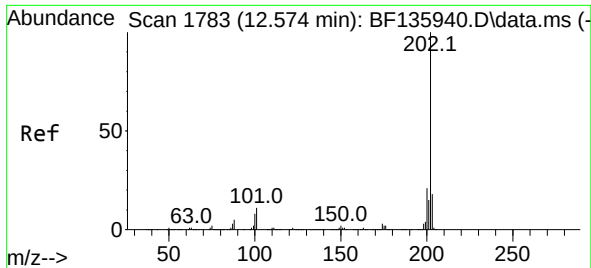


#74
 Di-n-butylphthalate
 Concen: 54.333 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.006 min
 Lab File: BF136005.D
 Acq: 28 Oct 2023 15:03



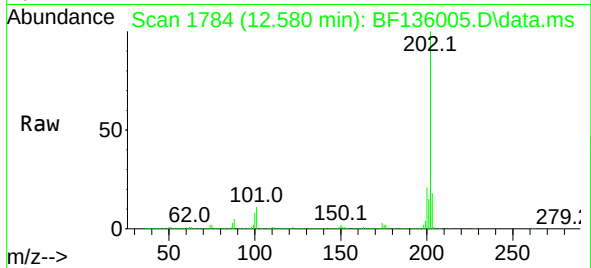
Tgt Ion:149 Resp: 1718141
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 47.859 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

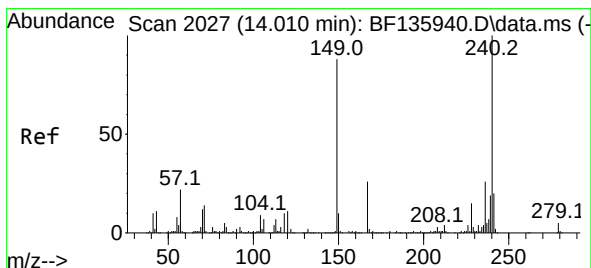
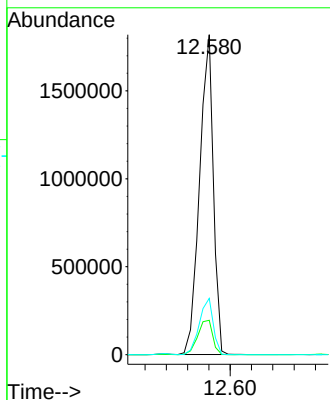
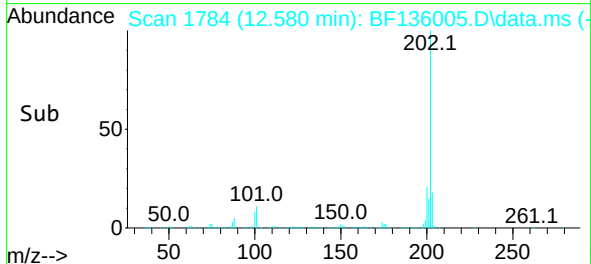
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



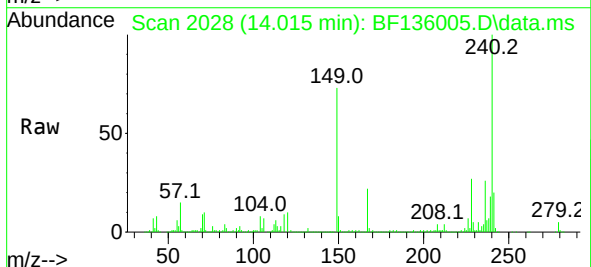
Tgt Ion:202 Resp: 1638118
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.6
203 17.6 0.0 37.5

Manual Integrations
APPROVED

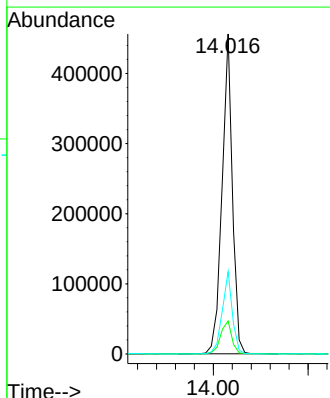
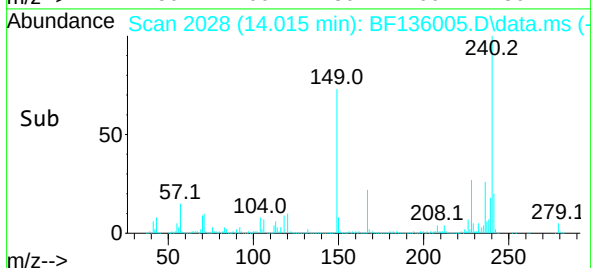
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

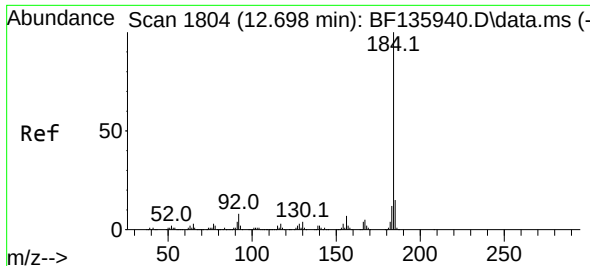


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



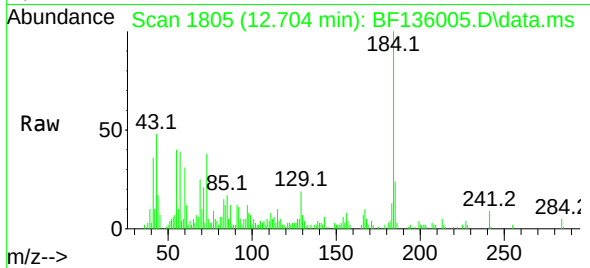
Tgt Ion:240 Resp: 347156
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 25.8 20.6 30.8





#77
Benzidine
Concen: 3.926 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

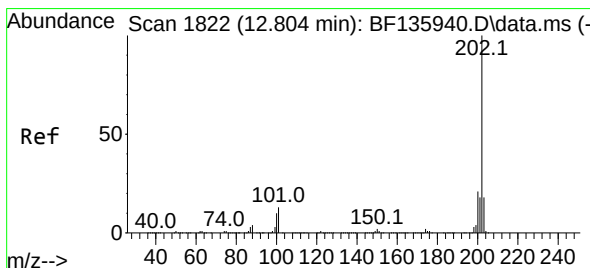
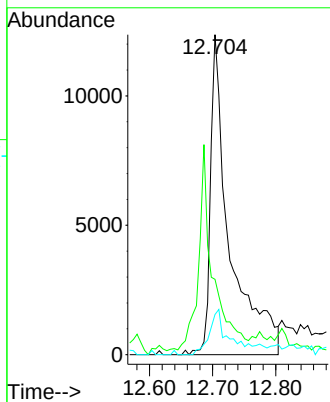
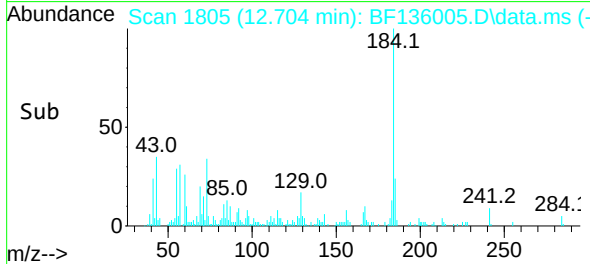
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion:184 Resp: 26278
Ion Ratio Lower Upper
184 100
185 23.6 11.7 17.5
183 12.6 9.2 13.8

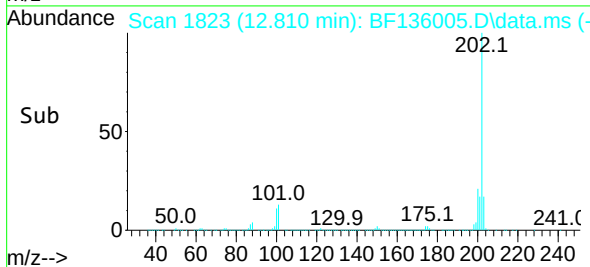
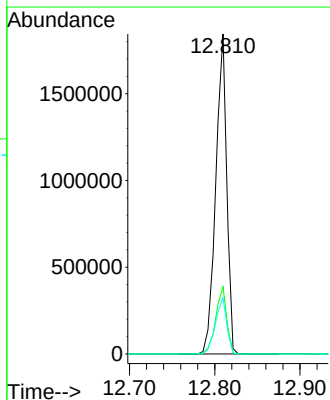
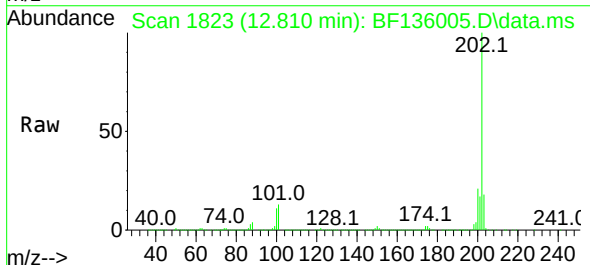
Manual Integrations
APPROVED

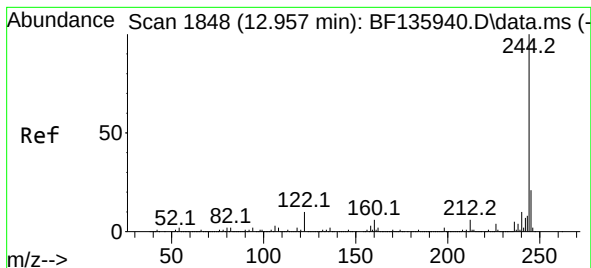
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#78
Pyrene
Concen: 56.492 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Tgt Ion:202 Resp: 1646668
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.5 14.5 21.7





#79

Terphenyl-d14

Concen: 105.469 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF136005.D

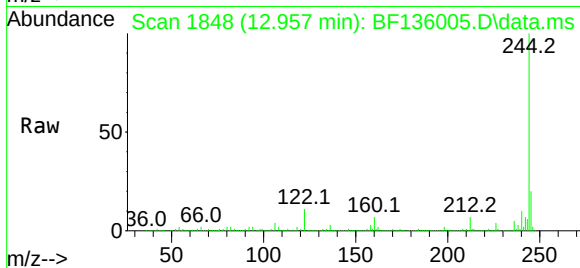
Acq: 28 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

NB-426-COMP-01MS



Tgt Ion:244 Resp: 219144

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

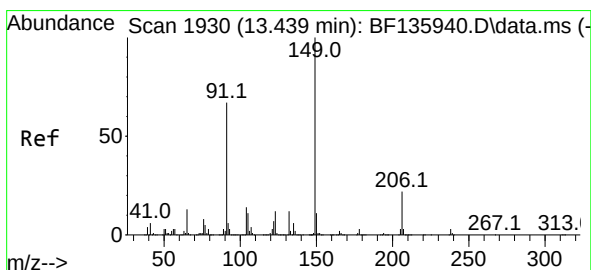
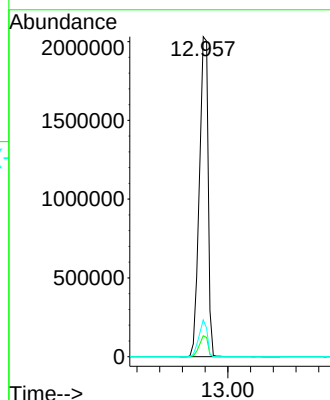
122 11.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#80

Butylbenzylphthalate

Concen: 59.807 ng

RT: 13.439 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

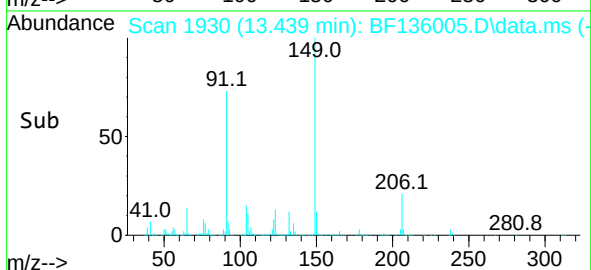
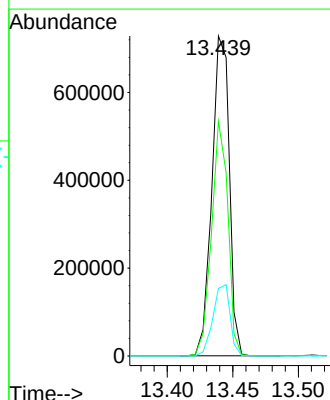
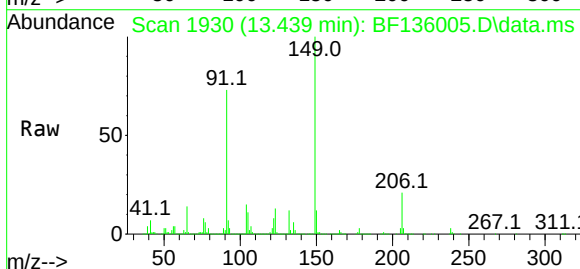
Tgt Ion:149 Resp: 670107

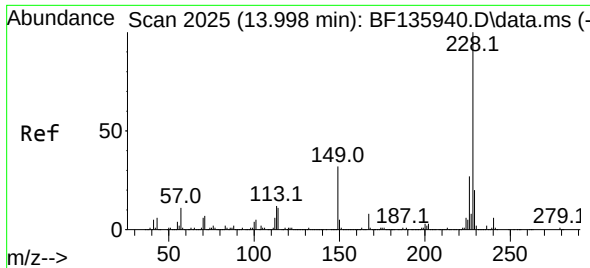
Ion Ratio Lower Upper

149 100

91 73.4 53.4 80.0

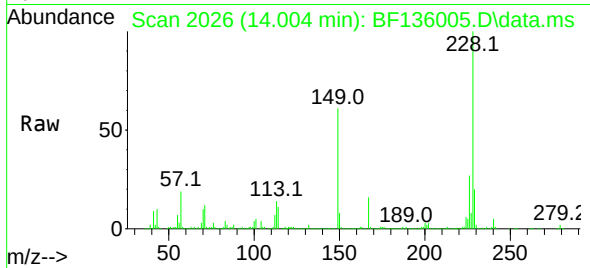
206 21.1 17.5 26.3





#81
Benzo(a)anthracene
Concen: 50.560 ng
RT: 14.004 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

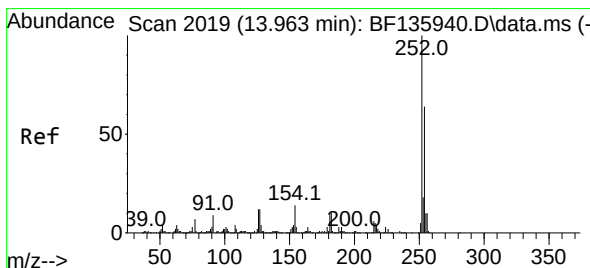
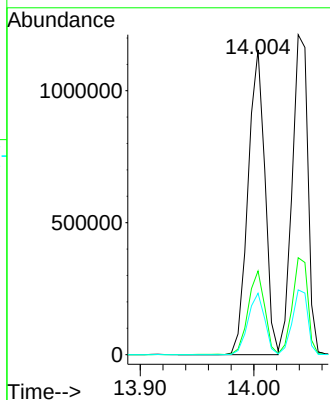
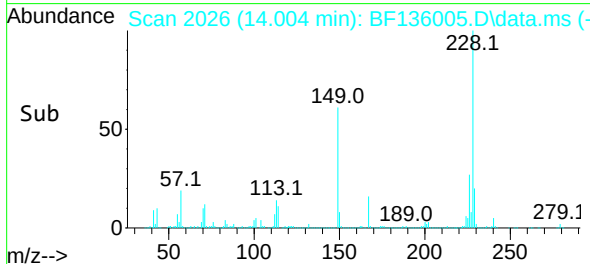
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion:228 Resp: 1193458
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.2 16.2 24.4

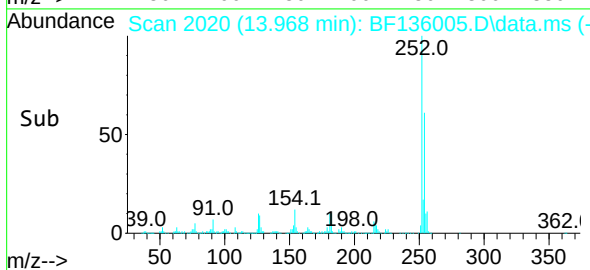
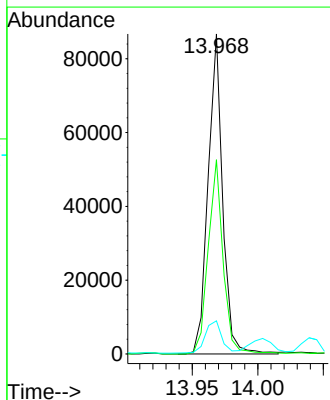
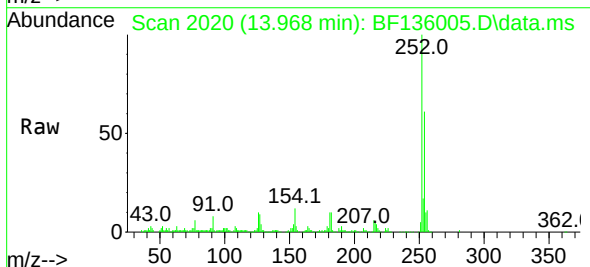
Manual Integrations
APPROVED

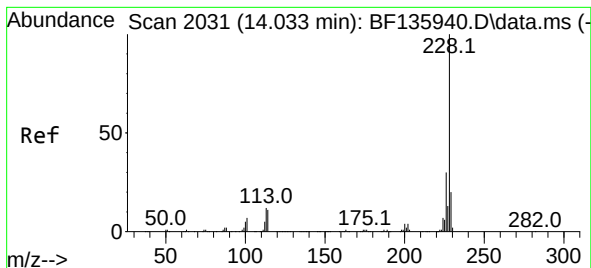
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#82
3,3'-Dichlorobenzidine
Concen: 9.340 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

Tgt Ion:252 Resp: 67072
Ion Ratio Lower Upper
252 100
254 60.7 50.9 76.3
126 10.3 9.8 14.6





#83

Chrysene

Concen: 50.634 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

NB-426-COMP-01MS

Tgt Ion:228 Resp: 1164070

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

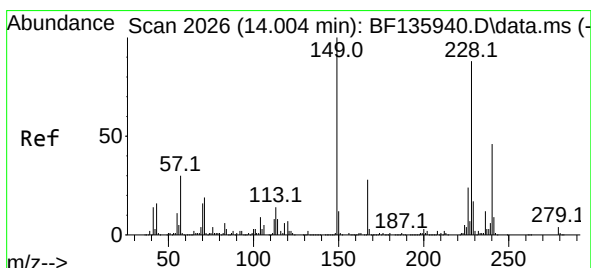
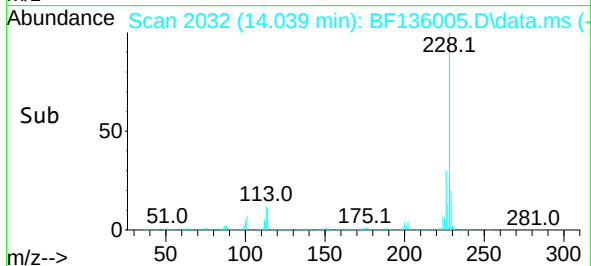
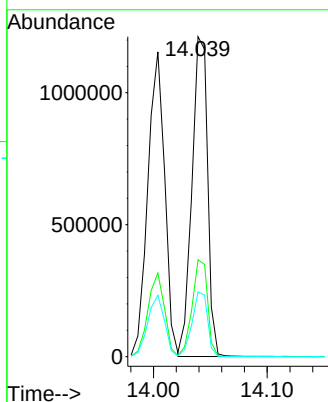
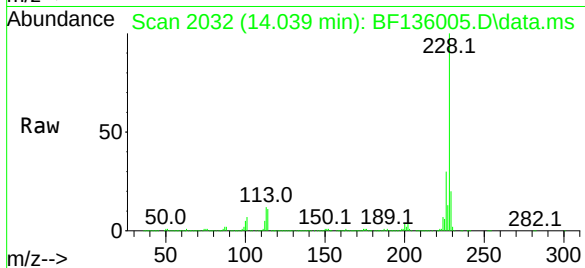
229 20.2 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.588 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

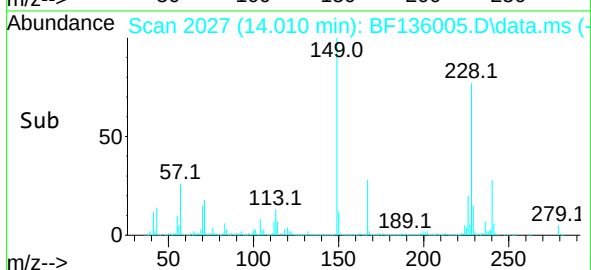
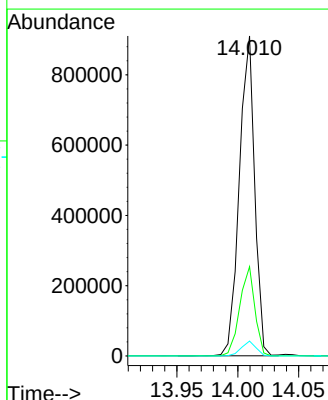
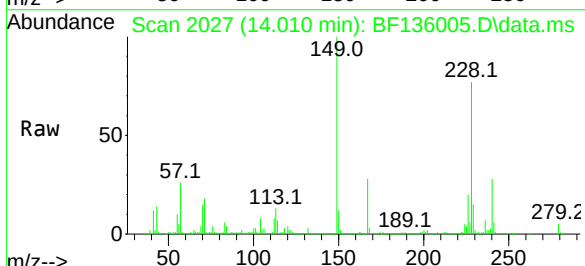
Tgt Ion:149 Resp: 798137

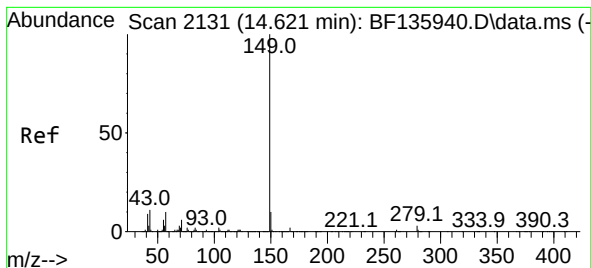
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

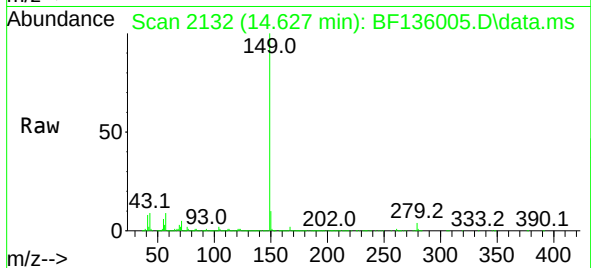
279 4.6 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 70.088 ng
RT: 14.627 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

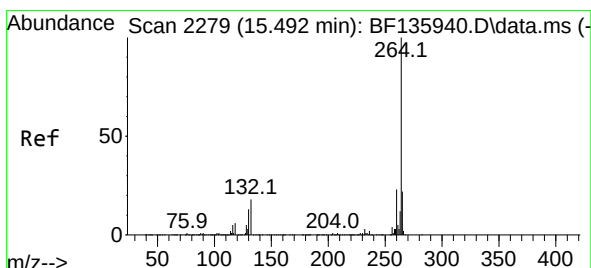
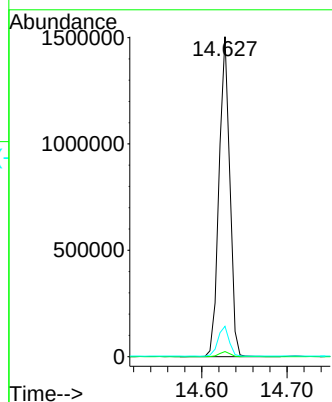
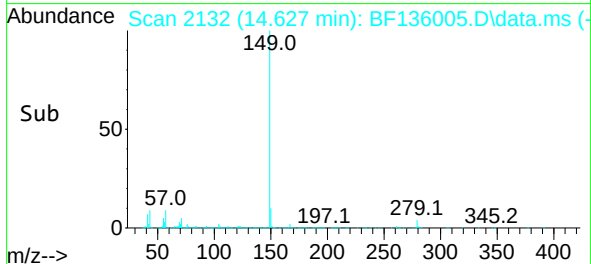
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



Tgt Ion:149 Resp: 132338
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 8.6 12.8

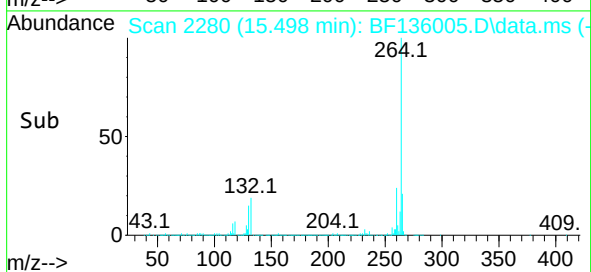
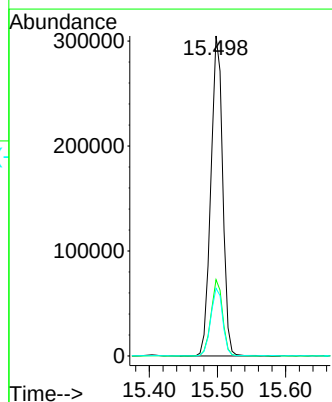
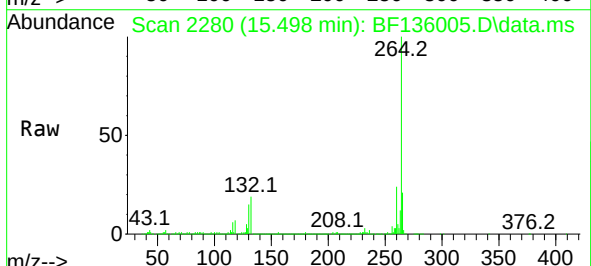
Manual Integrations
APPROVED

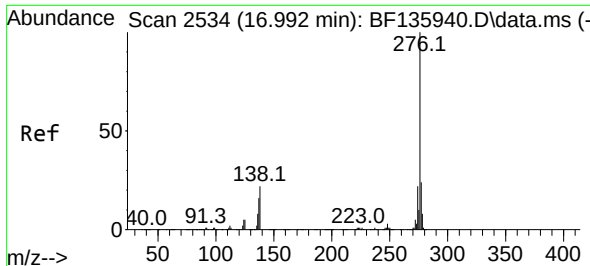
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

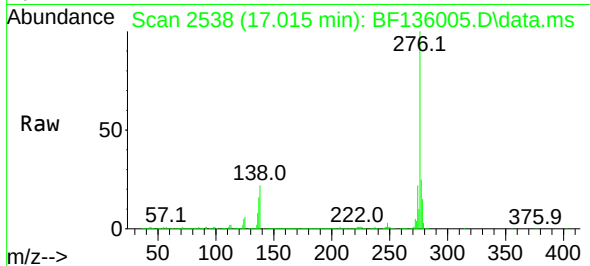
Tgt Ion:264 Resp: 368332
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.2 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.792 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03

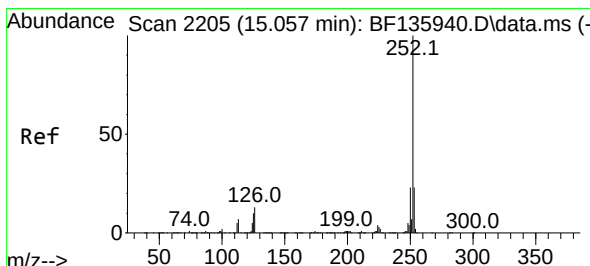
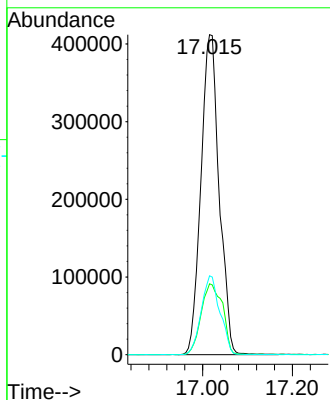
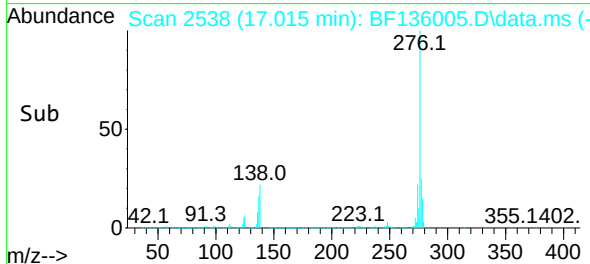
Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MS



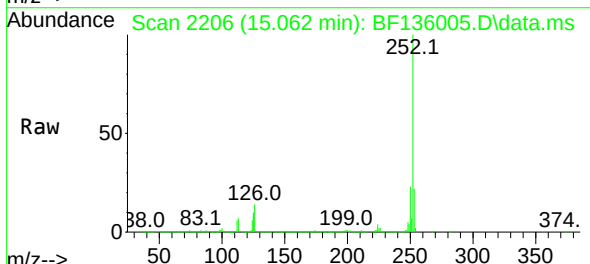
Tgt Ion:276 Resp: 116526
Ion Ratio Lower Upper
276 100
138 25.9 21.8 32.6
277 25.3 20.0 30.0

Manual Integrations
APPROVED

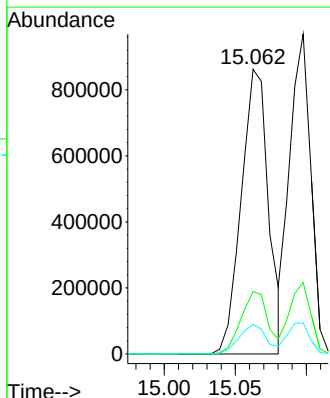
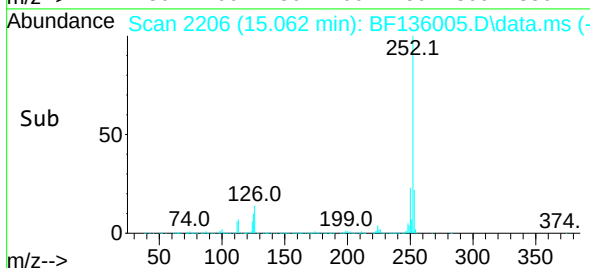
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

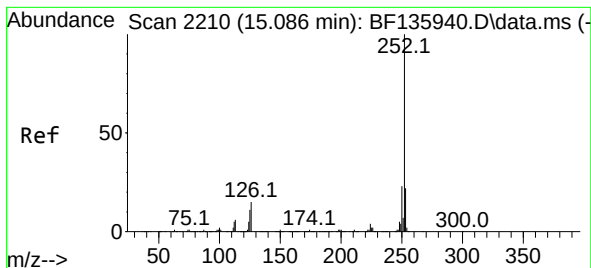


#88
Benzo(b)fluoranthene
Concen: 52.577 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BF136005.D
Acq: 28 Oct 2023 15:03



Tgt Ion:252 Resp: 1152500
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 46.725 ng

RT: 15.098 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

NB-426-COMP-01MS

Tgt Ion:252 Resp: 100591

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

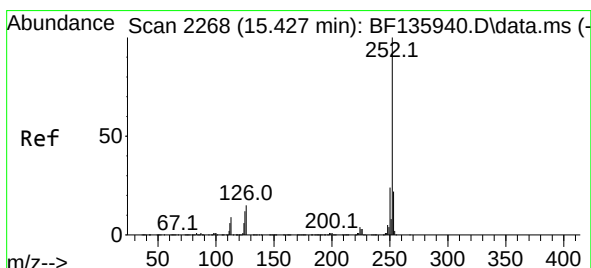
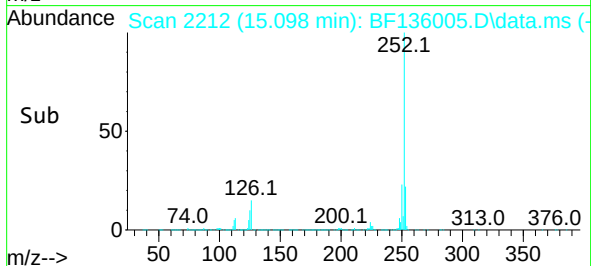
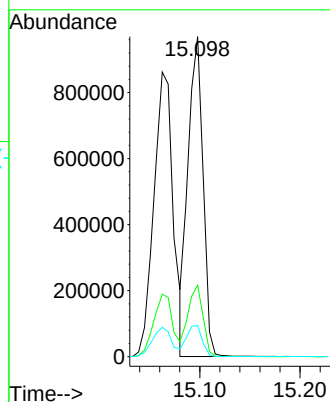
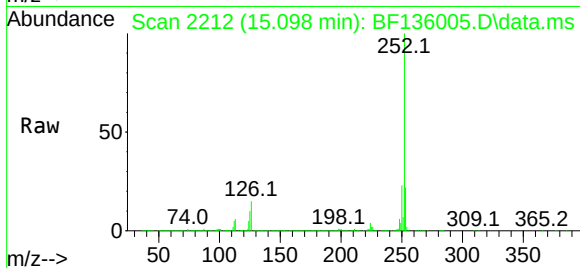
125 9.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#90

Benzo(a)pyrene

Concen: 48.495 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

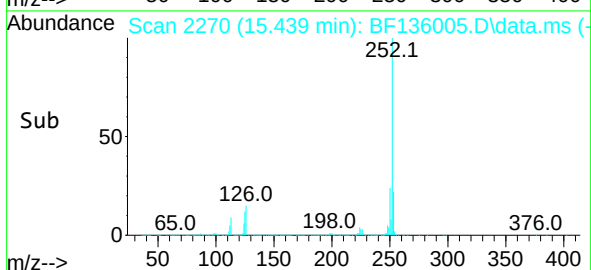
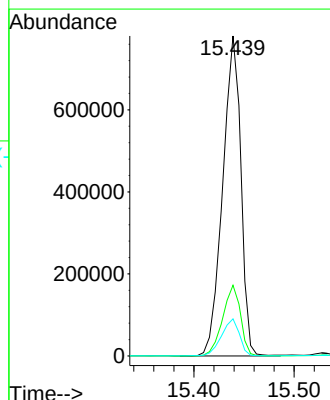
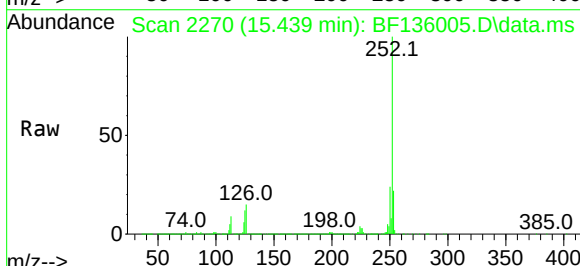
Tgt Ion:252 Resp: 979715

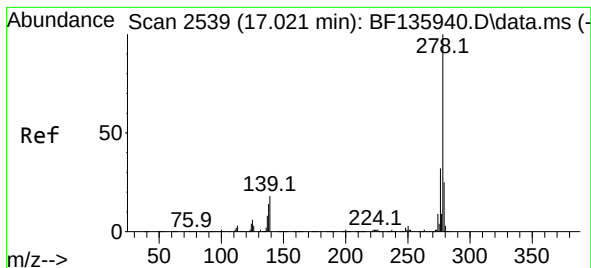
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.6 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 54.733 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

NB-426-COMP-01MS

Tgt Ion:278 Resp: 977784

Ion Ratio Lower Upper

278 100

139 16.0 14.0 21.0

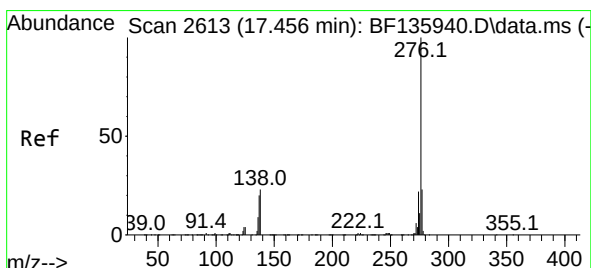
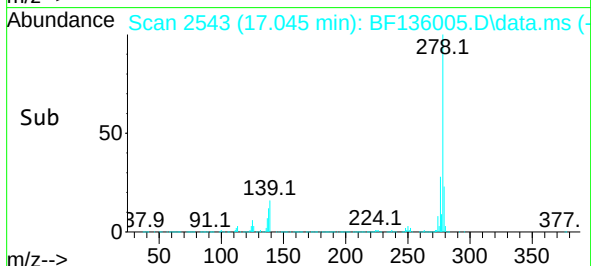
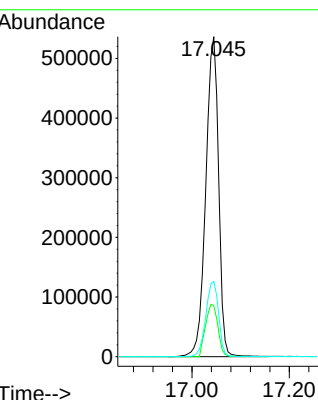
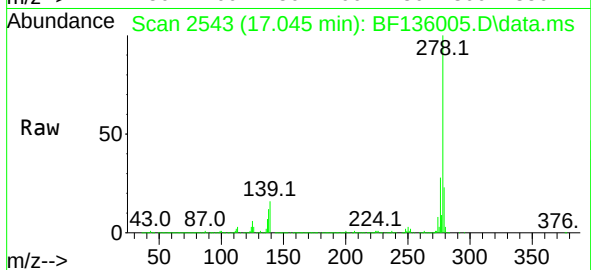
279 23.5 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#92

Benzo(g,h,i)perylene

Concen: 44.616 ng

RT: 17.480 min Scan# 2617

Delta R.T. 0.024 min

Lab File: BF136005.D

Acq: 28 Oct 2023 15:03

Tgt Ion:276 Resp: 900399

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 23.2 18.4 27.6

