

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135771.D
 Acq On : 16 Oct 2023 12:07
 Operator : CG\JU
 Sample : PB156184BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156184BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 17 01:28:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	147435	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	606406	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	317965	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	588350	20.000	ng	0.00
76) Chrysene-d12	13.951	240	356864	20.000	ng	0.00
86) Perylene-d12	15.421	264	296683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1053970	114.934	ng	0.02
7) Phenol-d6	6.404	99	1327162	115.991	ng	0.00
23) Nitrobenzene-d5	7.316	82	911678	82.686	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	376874	123.519	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1526141	75.044	ng	0.00
79) Terphenyl-d14	12.880	244	1589983	82.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	148659	33.609	ng	100
3) Pyridine	3.352	79	341066	31.427	ng	94
4) n-Nitrosodimethylamine	3.293	42	261278	44.768	ng	100
6) Aniline	6.410	93	420277	29.188	ng	# 80
8) 2-Chlorophenol	6.534	128	450703	45.577	ng	98
9) Benzaldehyde	6.298	77	88082	13.525	ng	98
10) Phenol	6.416	94	514741	42.934	ng	# 80
11) bis(2-Chloroethyl)ether	6.487	93	423164	43.805	ng	100
12) 1,3-Dichlorobenzene	6.681	146	431572	43.048	ng	99
13) 1,4-Dichlorobenzene	6.757	146	434623	42.795	ng	98
14) 1,2-Dichlorobenzene	6.910	146	403772	44.155	ng	98
15) Benzyl Alcohol	6.898	79	365808	48.083	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	773936	44.298	ng	89
17) 2-Methylphenol	7.016	107	364391	42.565	ng	96
18) Hexachloroethane	7.245	117	165984	45.076	ng	97
19) n-Nitroso-di-n-propyla...	7.169	70	299348	42.312	ng	98
20) 3+4-Methylphenols	7.169	107	448425	42.018	ng	# 88
22) Acetophenone	7.157	105	604794	43.487	ng	# 97
24) Nitrobenzene	7.334	77	474849	42.912	ng	99
25) Isophorone	7.569	82	906823	43.596	ng	100
26) 2-Nitrophenol	7.645	139	245324	45.428	ng	96
27) 2,4-Dimethylphenol	7.692	122	372890	41.945	ng	99
28) bis(2-Chloroethoxy)met...	7.781	93	525938	42.457	ng	98
29) 2,4-Dichlorophenol	7.898	162	369329	44.331	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	360372	42.293	ng	100
31) Naphthalene	8.045	128	1189139	40.204	ng	98
32) Benzoic acid	7.869	122	302001	50.186	ng	99
33) 4-Chloroaniline	8.104	127	288492	22.328	ng	99
34) Hexachlorobutadiene	8.157	225	210533	41.742	ng	98
35) Caprolactam	8.498	113	126655m	44.471	ng	
36) 4-Chloro-3-methylphenol	8.610	107	423491	45.837	ng	100
37) 2-Methylnaphthalene	8.739	142	798055	40.952	ng	99
38) 1-Methylnaphthalene	8.839	142	751581	41.815	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	380135	41.561	ng	99
41) Hexachlorocyclopentadiene	8.887	237	181058	87.869	ng	97
43) 2,4,6-Trichlorophenol	9.028	196	259617	44.048	ng	98

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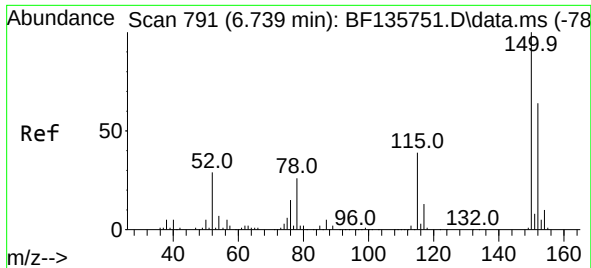
Quant Time: Oct 17 01:28:19 2023
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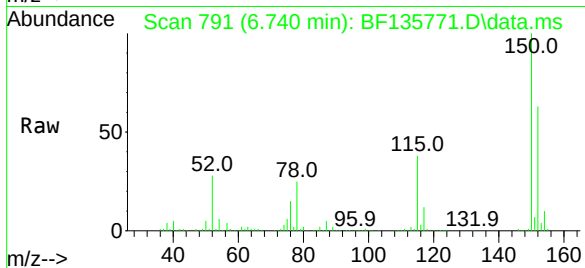
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	273360	39.876	ng	98
46) 1,1'-Biphenyl	9.210	154	1000476	41.076	ng	98
47) 2-Chloronaphthalene	9.234	162	743412	42.351	ng	99
48) 2-Nitroaniline	9.345	65	295639	42.668	ng	99
49) Acenaphthylene	9.645	152	1184255	40.767	ng	99
50) Dimethylphthalate	9.516	163	908213	42.312	ng	99
51) 2,6-Dinitrotoluene	9.592	165	199275	43.172	ng	# 79
52) Acenaphthene	9.822	154	705034	40.492	ng	99
53) 3-Nitroaniline	9.763	138	177748	31.413	ng	96
54) 2,4-Dinitrophenol	9.886	184	221057	114.727	ng	97
55) Dibenzofuran	9.992	168	1075054	40.920	ng	99
56) 4-Nitrophenol	9.951	139	233458	89.358	ng	98
57) 2,4-Dinitrotoluene	10.004	165	255883	43.574	ng	96
58) Fluorene	10.339	166	849837	41.319	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.122	232	230489	44.490	ng	98
60) Diethylphthalate	10.222	149	929396	42.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.328	204	409569	41.202	ng	97
62) 4-Nitroaniline	10.386	138	218104	41.893	ng	97
63) Azobenzene	10.492	77	906450	42.576	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	151330	51.109	ng	92
66) n-Nitrosodiphenylamine	10.457	169	797625	44.479	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	251530	42.589	ng	97
68) Hexachlorobenzene	10.892	284	267567	44.498	ng	96
69) Atrazine	10.992	200	237164	48.622	ng	98
70) Pentachlorophenol	11.098	266	211079	89.005	ng	97
71) Phenanthrene	11.310	178	1152950	40.907	ng	99
72) Anthracene	11.363	178	1175685	40.255	ng	99
73) Carbazole	11.522	167	1123059	41.230	ng	100
74) Di-n-butylphthalate	11.845	149	1361278	40.705	ng	99
75) Fluoranthene	12.504	202	1241886	39.700	ng	99
77) Benzidine	12.633	184	263755	33.871	ng	99
78) Pyrene	12.733	202	1265019	44.608	ng	100
80) Butylbenzylphthalate	13.357	149	549683	44.110	ng	95
81) Benzo(a)anthracene	13.939	228	1015209	43.311	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	283813	36.508	ng	98
83) Chrysene	13.974	228	940460	41.423	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	750678	44.446	ng	97
85) Di-n-octyl phthalate	14.533	149	1182263	44.144	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	733903	45.399	ng	99
88) Benzo(b)fluoranthene	14.992	252	848038	51.073	ng	98
89) Benzo(k)fluoranthene	15.021	252	728158	45.170	ng	99
90) Benzo(a)pyrene	15.363	252	662657	42.441	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	611384	46.135	ng	98
92) Benzo(g,h,i)perylene	17.386	276	620134	45.556	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

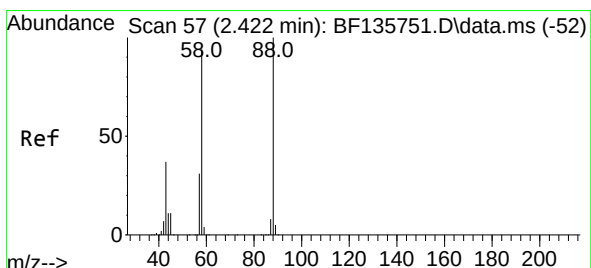
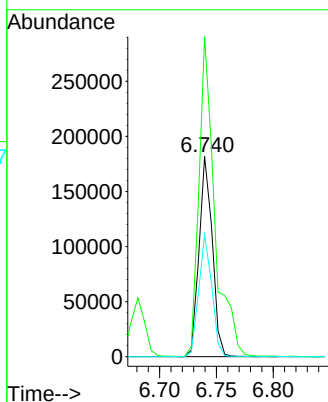
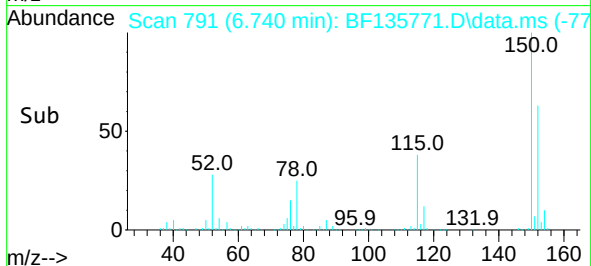
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



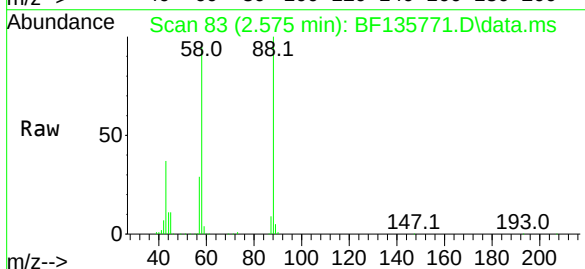
Tgt Ion:152 Resp: 147438
Ion Ratio Lower Upper
152 100
150 159.7 124.5 186.7
115 60.9 49.0 73.4

Manual Integrations
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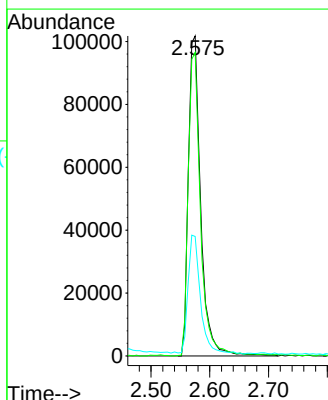
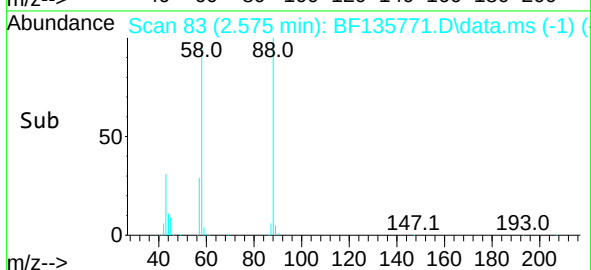
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

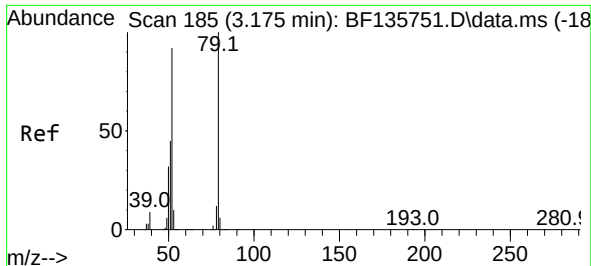


#2
1,4-Dioxane
Concen: 33.609 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.135 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



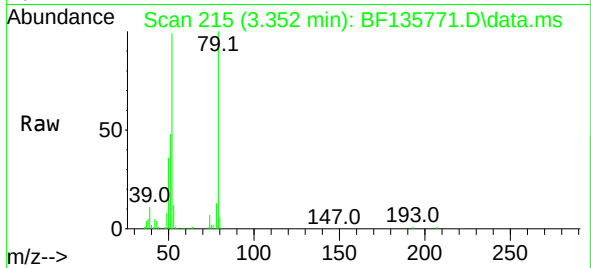
Tgt Ion: 88 Resp: 148659
Ion Ratio Lower Upper
88 100
58 95.6 76.1 114.1
43 37.4 29.8 44.8





#3
Pyridine
Concen: 31.427 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.165 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

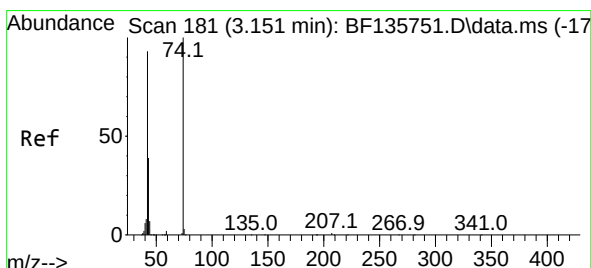
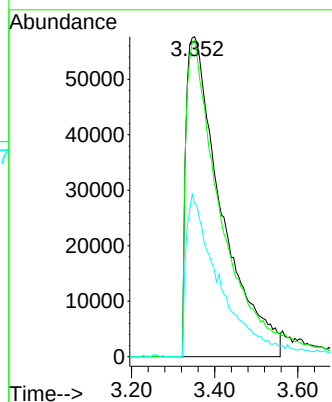
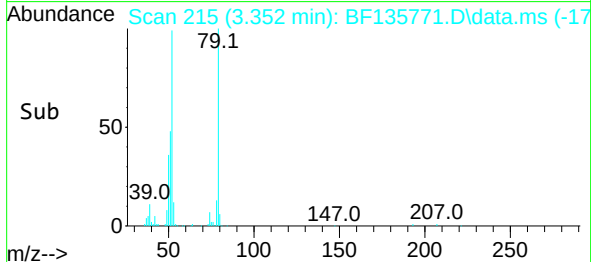
Instrument :
BNA_F
ClientSampleId :
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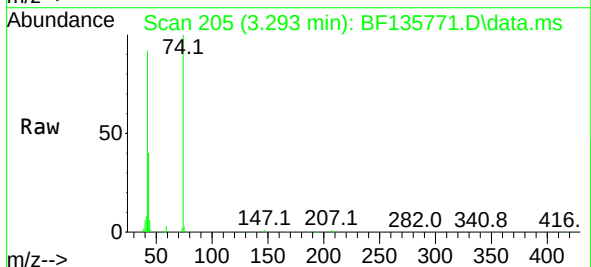
Tgt Ion: 79 Resp: 341060
Ion Ratio Lower Upper
79 100
52 98.9 73.4 110.2
51 47.9 36.5 54.7

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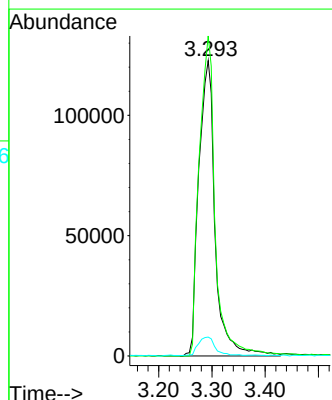
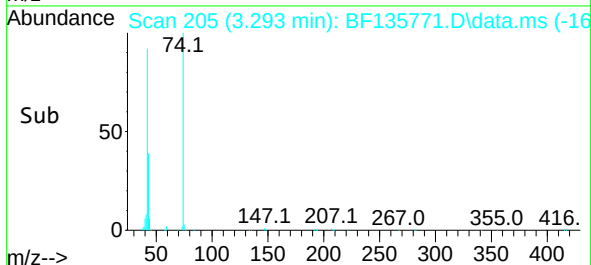
Reviewed By :Yogesh Patel 10/17/2023
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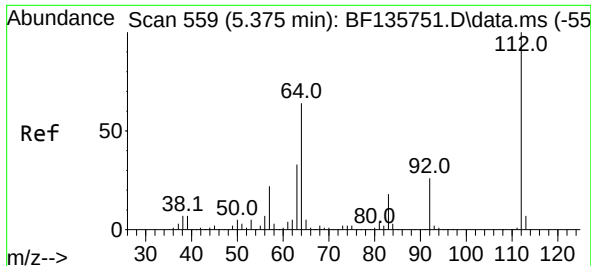


#4
n-Nitrosodimethylamine
Concen: 44.768 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.123 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



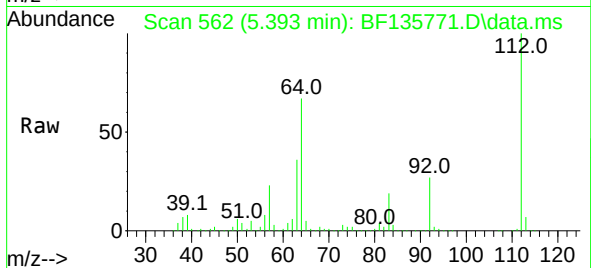
Tgt Ion: 42 Resp: 261278
Ion Ratio Lower Upper
42 100
74 108.3 86.5 129.7
44 6.4 5.9 8.9





#5
2-Fluorophenol
Concen: 114.934 ng
RT: 5.393 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

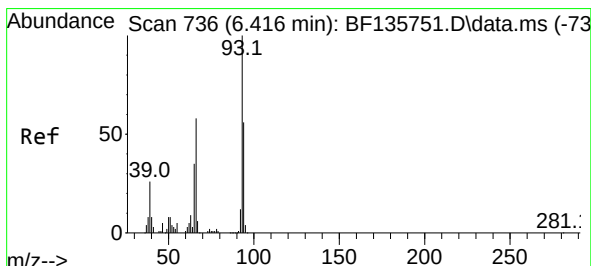
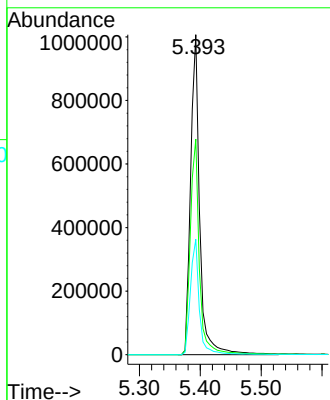
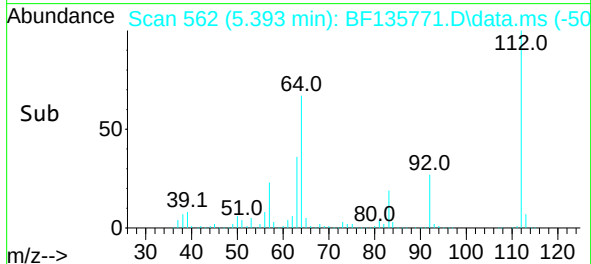
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



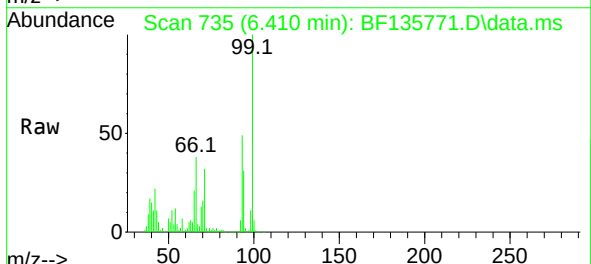
Tgt Ion:112 Resp: 1053970
Ion Ratio Lower Upper
112 100
64 67.4 51.2 76.8
63 36.1 26.1 39.1

Manual Integrations
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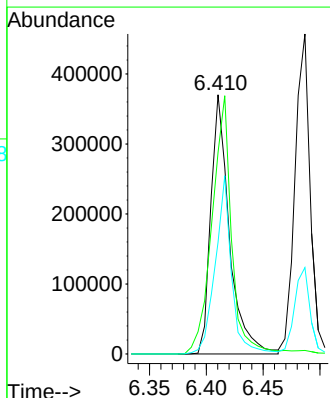
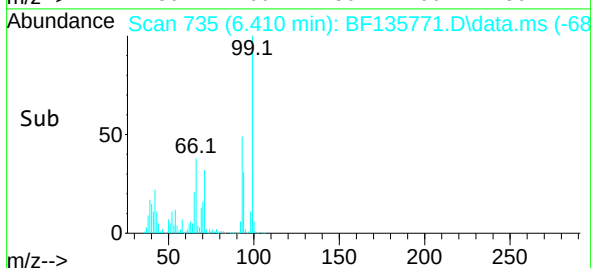
Reviewed By :Yogesh Patel 10/17/2023
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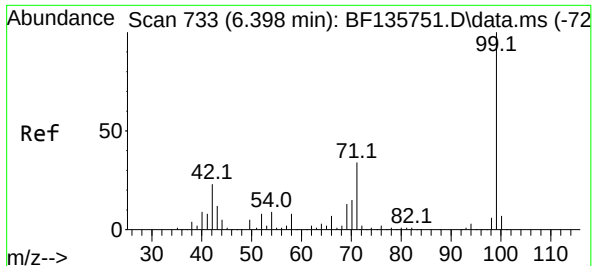


#6
Aniline
Concen: 29.188 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



Tgt Ion: 93 Resp: 420277
Ion Ratio Lower Upper
93 100
66 77.8 47.6 71.4#
65 43.1 28.5 42.7#





#7

Phenol-d6

Concen: 115.991 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

Tgt Ion: 99 Resp: 132716

Ion Ratio Lower Upper

99 100

42 24.1 18.4 27.6

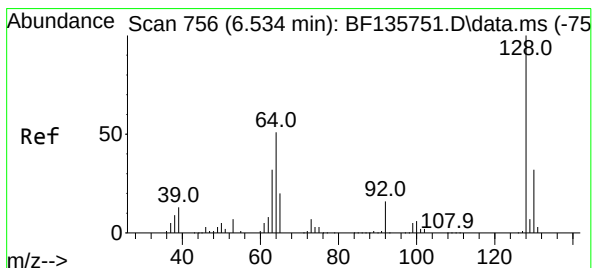
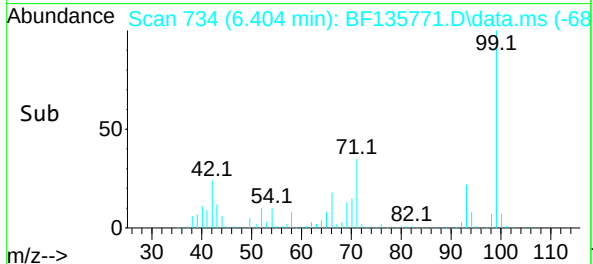
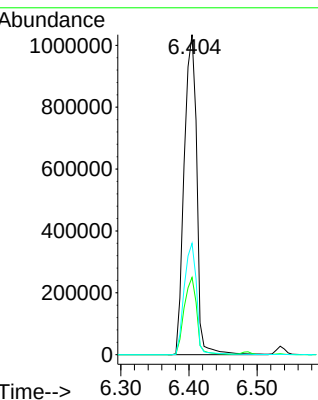
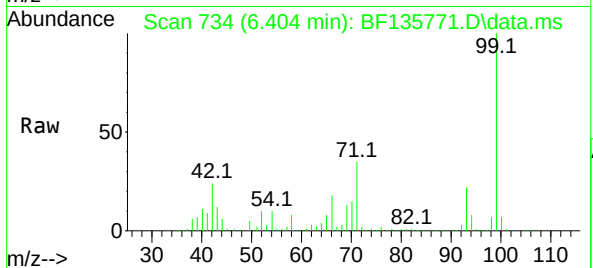
71 34.8 27.2 40.8

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2023



#8

2-Chlorophenol

Concen: 45.577 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

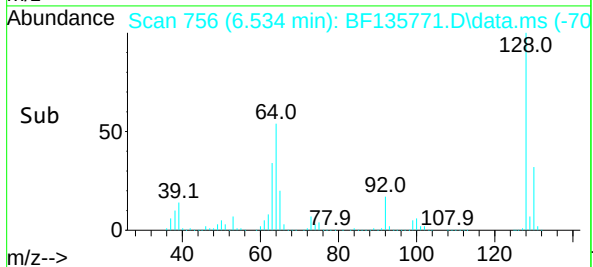
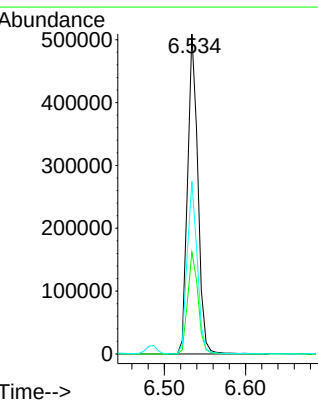
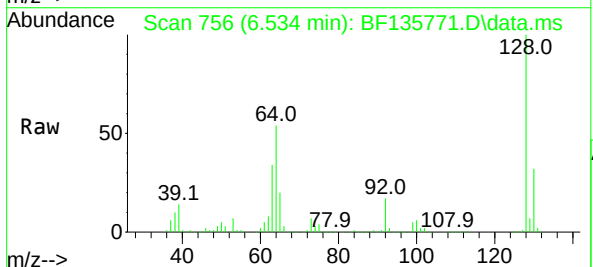
Tgt Ion:128 Resp: 450703

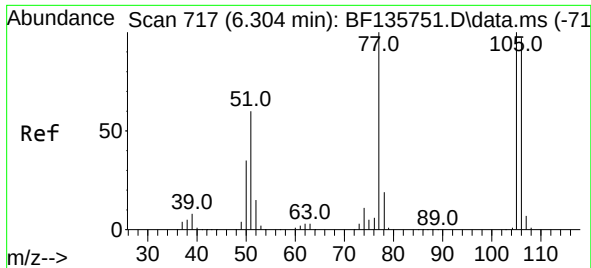
Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

64 53.9 32.3 72.3





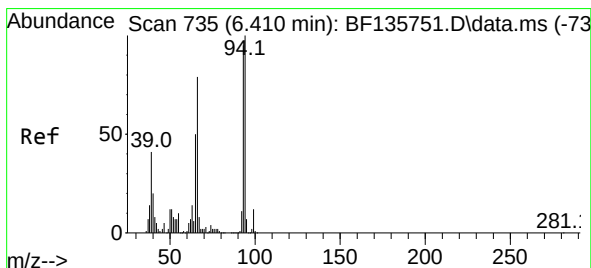
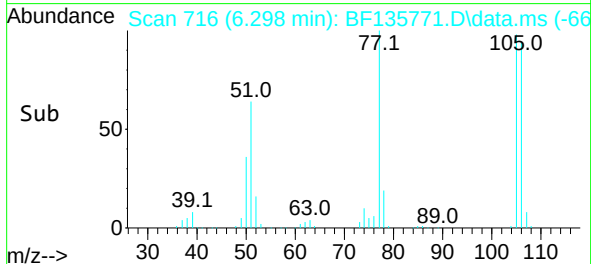
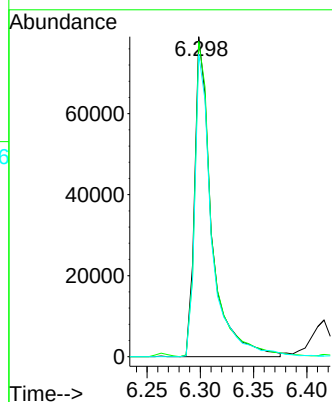
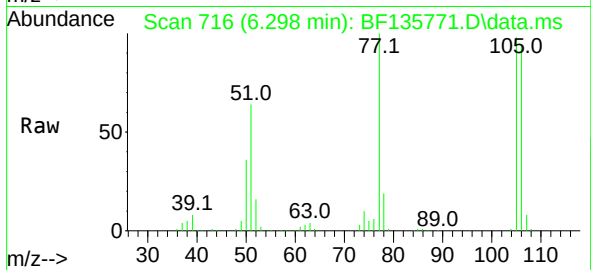
#9
Benzaldehyde
Concen: 13.525 ng
RT: 6.298 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :
BNA_F
ClientSampleId :
PB156184BSD

Tgt Ion: 77 Resp: 8808
Ion Ratio Lower Upper
77 100
105 98.5 79.9 119.9
106 94.5 77.1 117.1

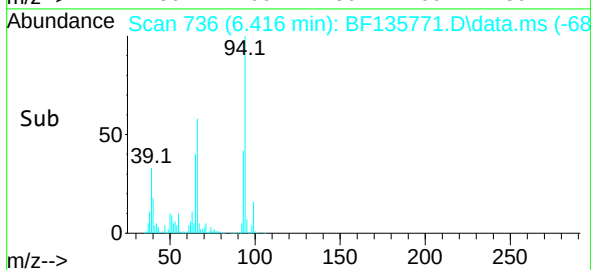
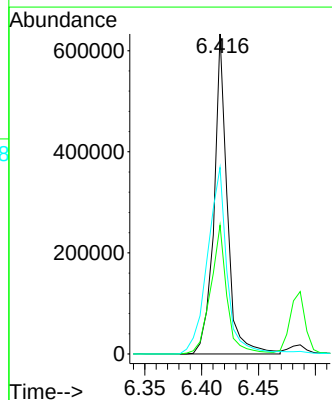
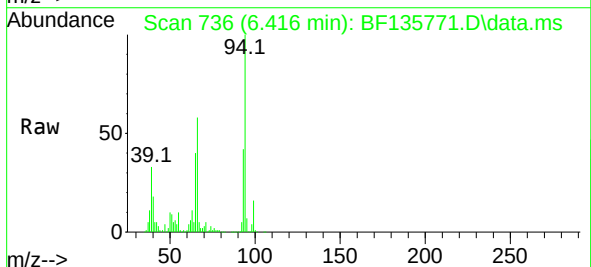
Manual Integrations
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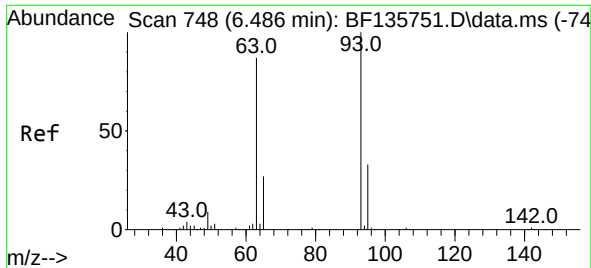
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#10
Phenol
Concen: 42.934 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Tgt Ion: 94 Resp: 514741
Ion Ratio Lower Upper
94 100
65 40.2 30.3 70.3
66 58.3 59.1 99.1#





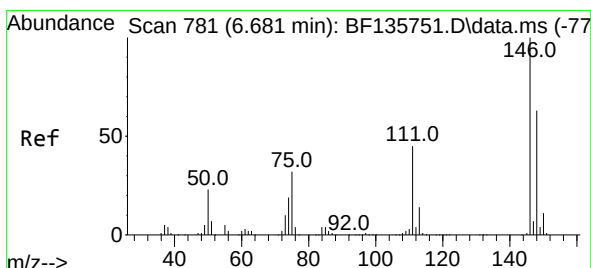
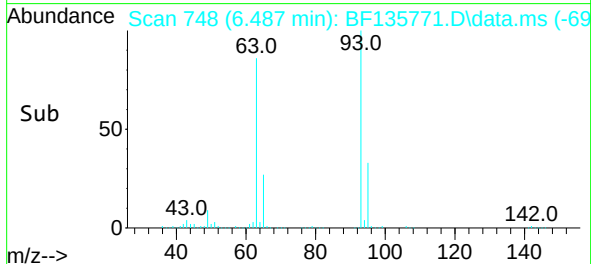
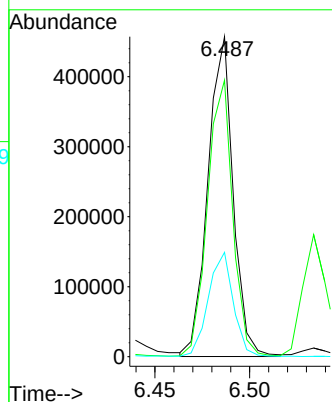
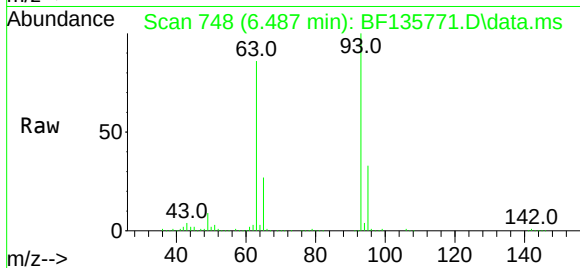
#11
bis(2-Chloroethyl)ether
Concen: 43.805 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :
BNA_F
ClientSampleId :
PB156184BSD

Tgt Ion: 93 Resp: 423164
Ion Ratio Lower Upper
93 100
63 86.4 66.3 106.3
95 32.6 12.8 52.8

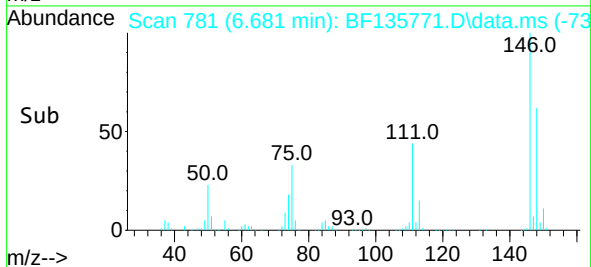
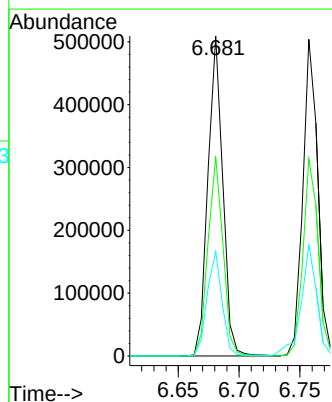
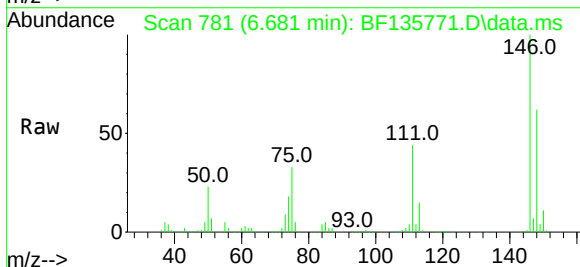
Manual Integrations
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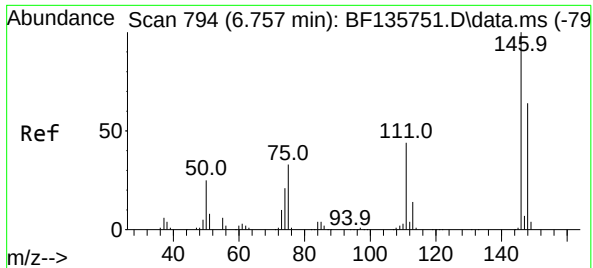
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#12
1,3-Dichlorobenzene
Concen: 43.048 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Tgt Ion:146 Resp: 431572
Ion Ratio Lower Upper
146 100
148 62.4 50.2 75.4
75 32.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 42.795 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

Tgt Ion:146 Resp: 434623

Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.6

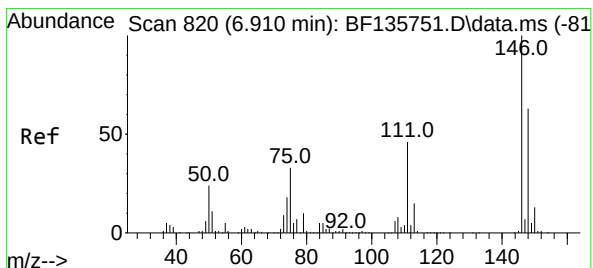
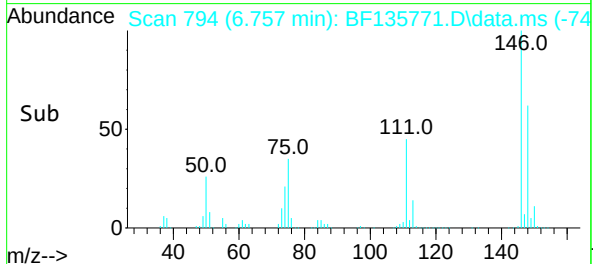
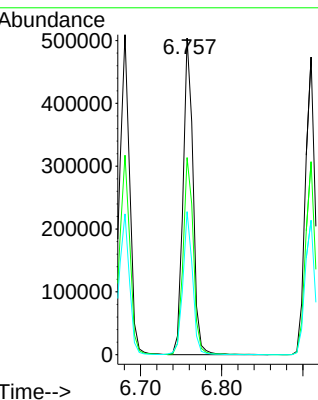
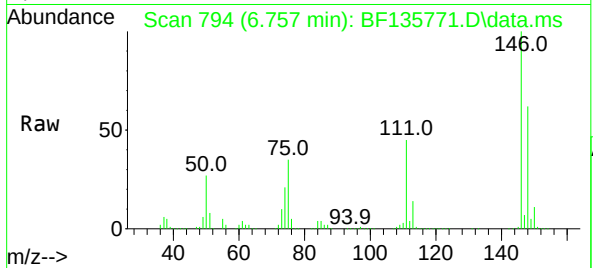
111 45.2 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#14

1,2-Dichlorobenzene

Concen: 44.155 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

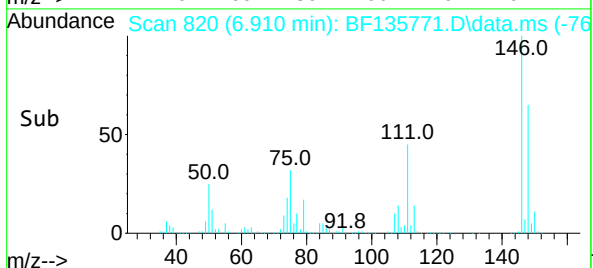
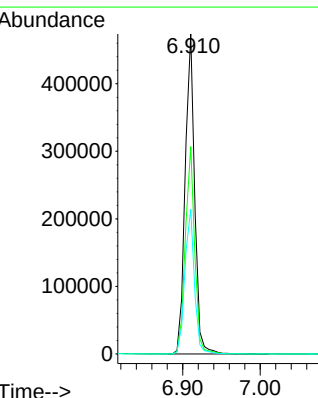
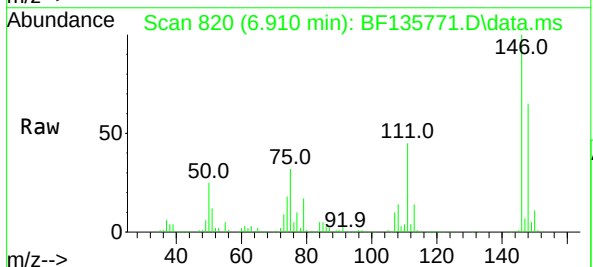
Tgt Ion:146 Resp: 403772

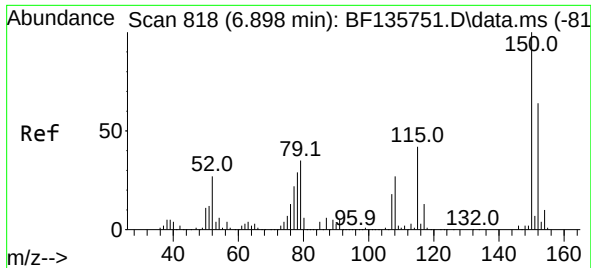
Ion Ratio Lower Upper

146 100

148 64.8 50.2 75.2

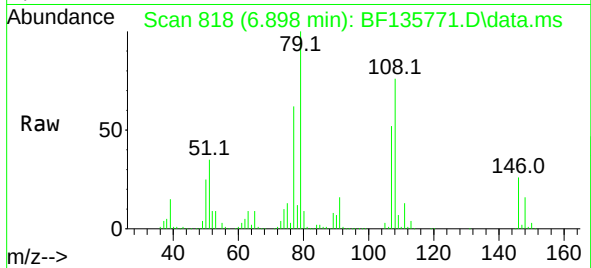
111 45.2 37.1 55.7





#15
Benzyl Alcohol
Concen: 48.083 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

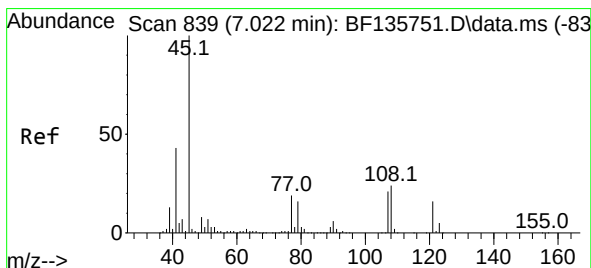
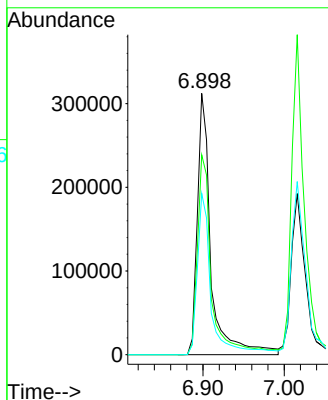
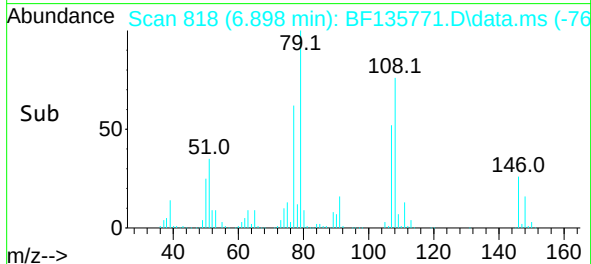
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



Tgt Ion: 79 Resp: 365808
Ion Ratio Lower Upper
79 100
108 76.5 62.0 93.0
77 61.7 50.5 75.7

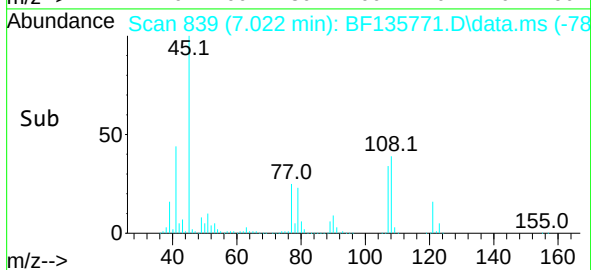
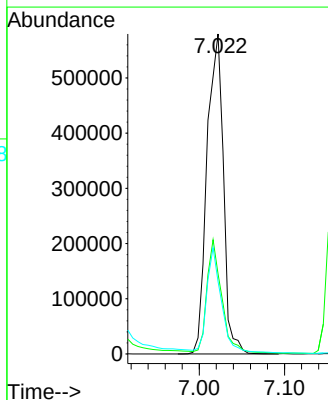
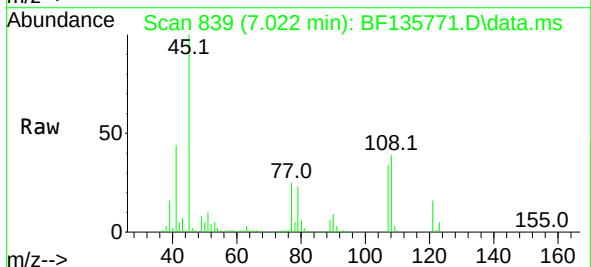
Manual Integrations
APPROVED

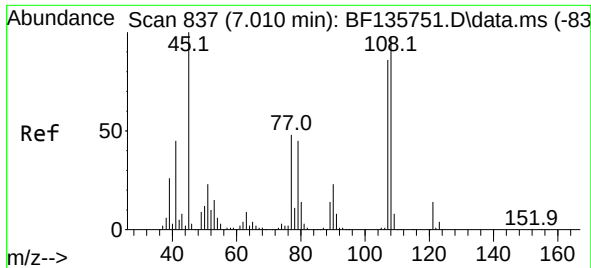
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.298 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

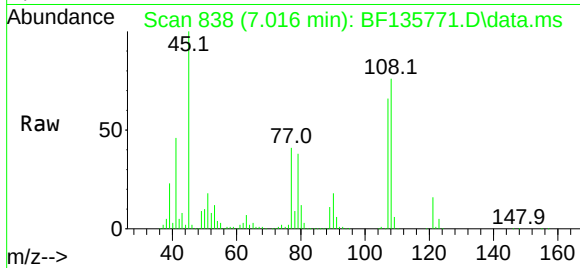
Tgt Ion: 45 Resp: 773936
Ion Ratio Lower Upper
45 100
77 25.1 0.0 39.8
79 22.6 0.0 37.6





#17
2-Methylphenol
Concen: 42.565 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

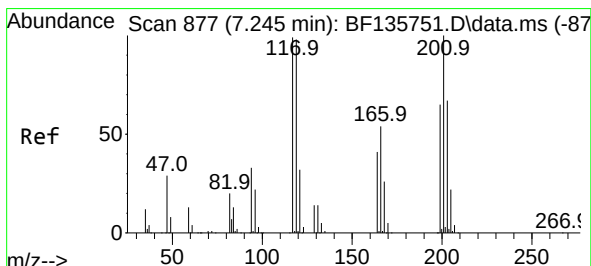
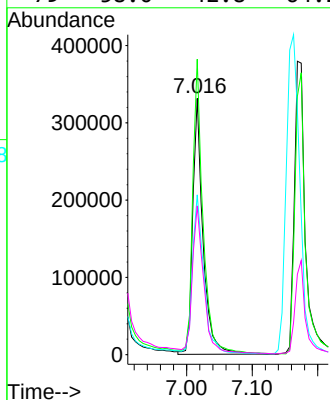
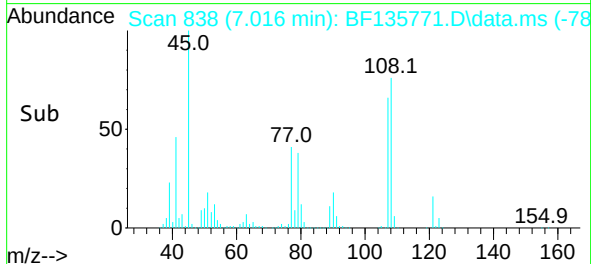
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



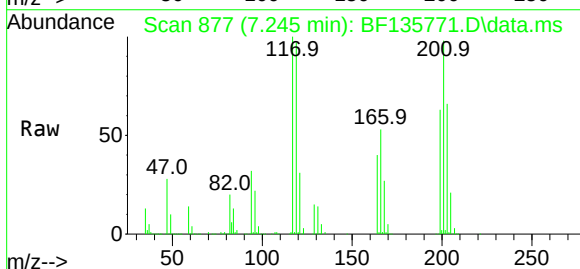
Tgt Ion:107 Resp: 36439
Ion Ratio Lower Upper
107 100
108 115.3 91.8 137.6
77 62.3 45.4 68.0
79 58.0 42.8 64.2

Manual Integrations
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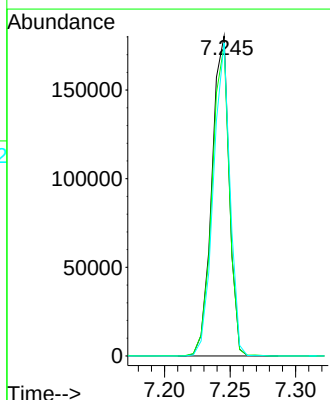
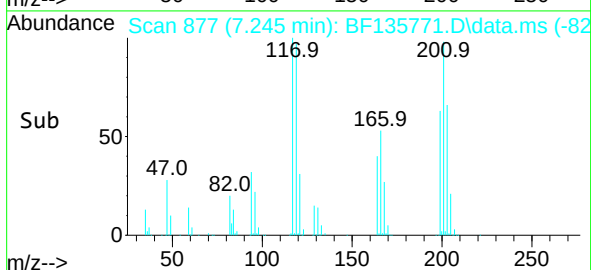
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

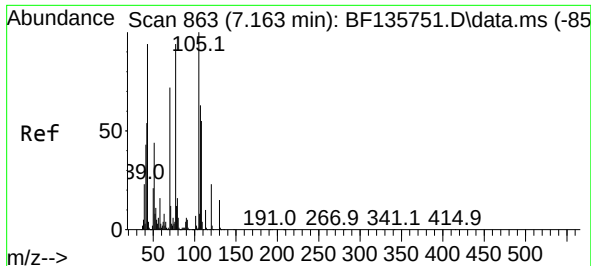


#18
Hexachloroethane
Concen: 45.076 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



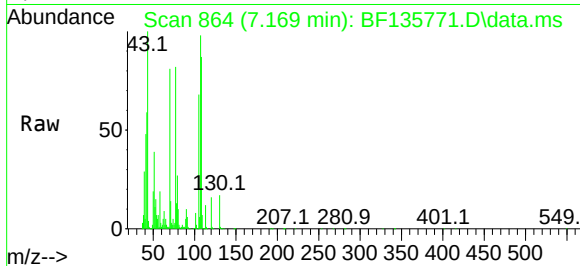
Tgt Ion:117 Resp: 165984
Ion Ratio Lower Upper
117 100
119 97.1 79.5 119.3
201 97.9 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 42.312 ng
RT: 7.169 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

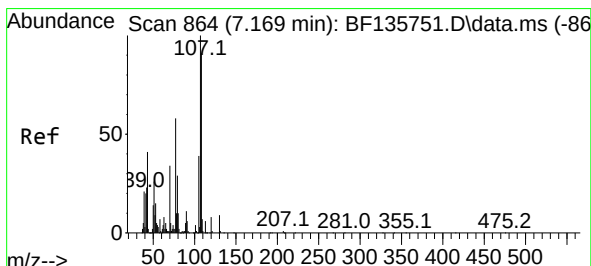
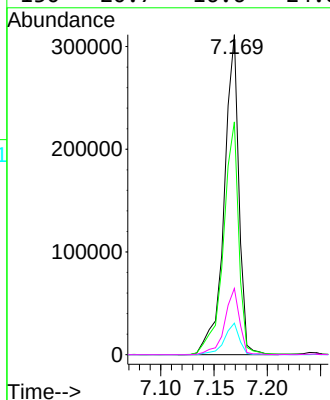
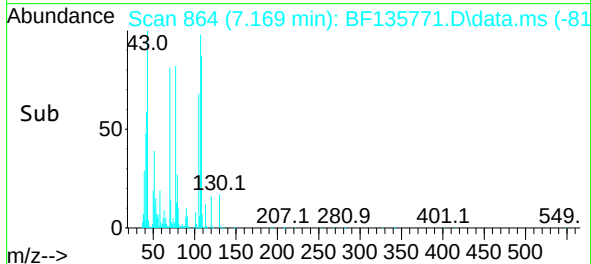
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



Tgt Ion: 70 Resp: 299348
Ion Ratio Lower Upper
70 100
42 72.7 59.8 89.6
101 9.8 7.4 11.2
130 20.7 16.6 24.8

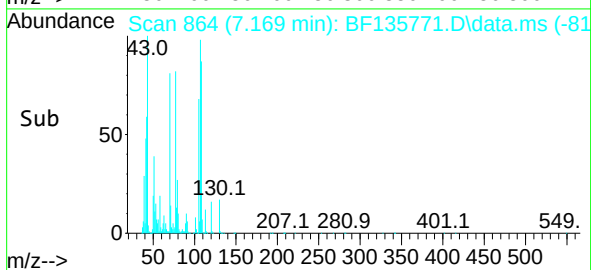
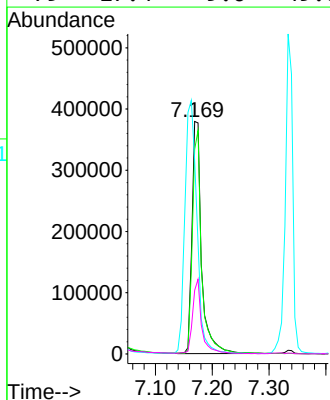
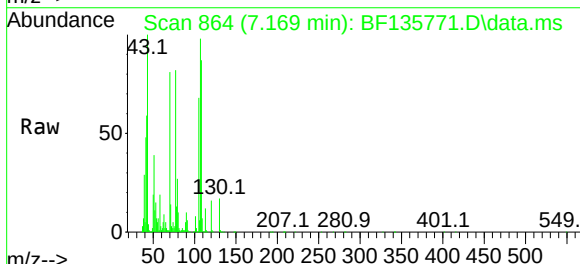
Manual Integrations
APPROVED

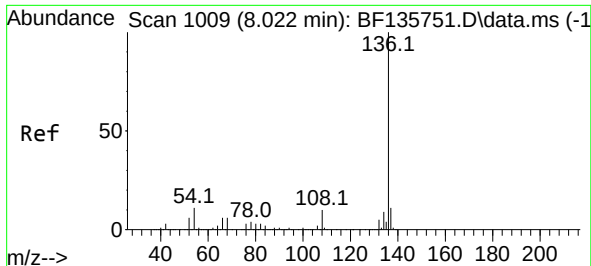
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#20
3+4-Methylphenols
Concen: 42.018 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Tgt Ion:107 Resp: 448425
Ion Ratio Lower Upper
107 100
108 88.1 71.1 111.1
77 83.1 42.0 82.0#
79 27.4 9.6 49.6





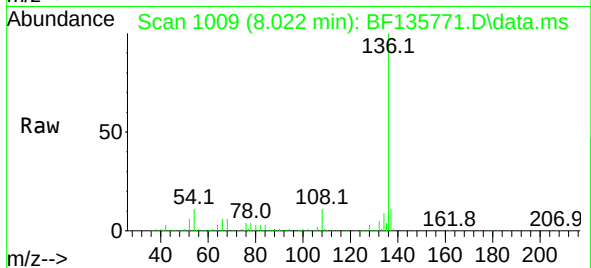
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

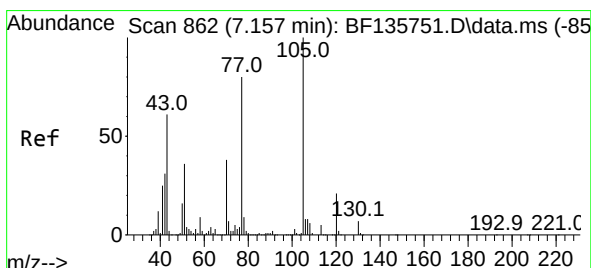
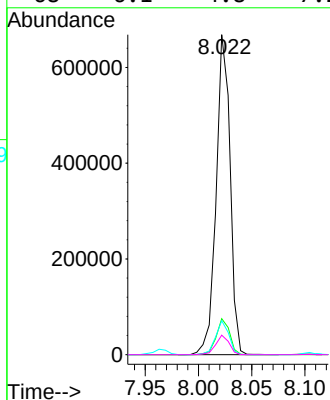
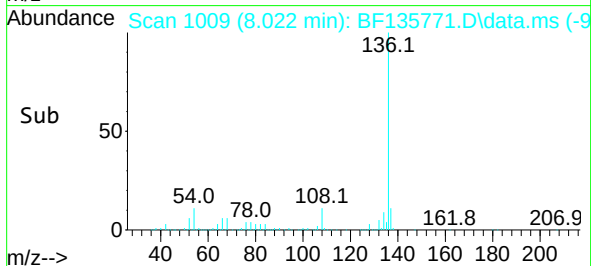


Tgt Ion:136 Resp: 606400
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.6 8.5 12.7
68 6.1 4.8 7.2

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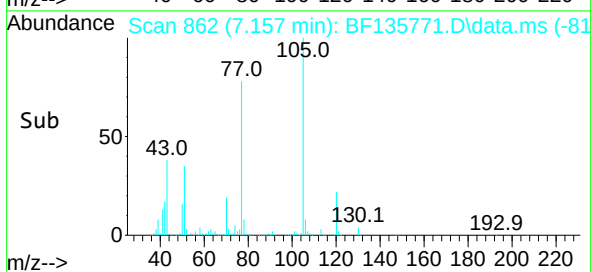
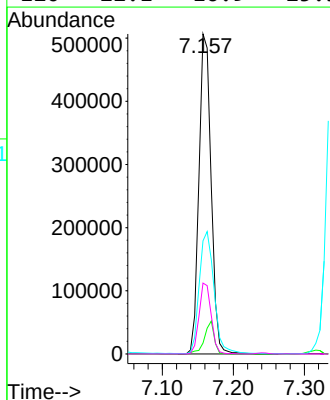
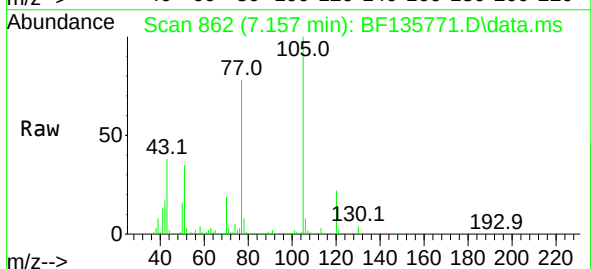
APPROVED

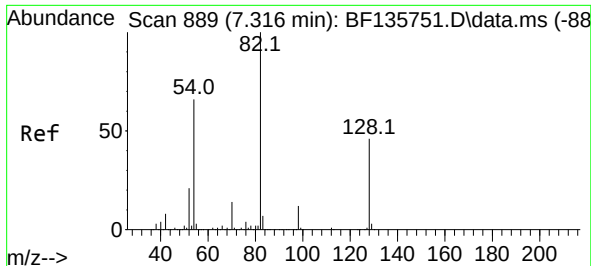
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#22
Acetophenone
Concen: 43.487 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Tgt Ion:105 Resp: 604794
Ion Ratio Lower Upper
105 100
71 3.4 5.4 8.0#
51 35.4 29.4 44.0
120 22.1 16.9 25.3





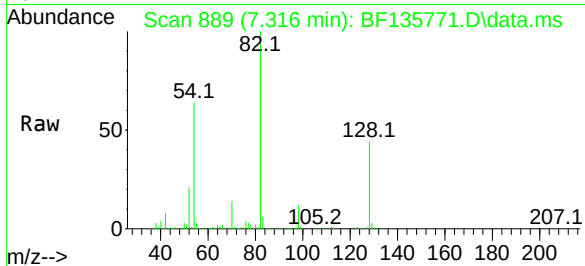
#23
Nitrobenzene-d5
Concen: 82.686 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

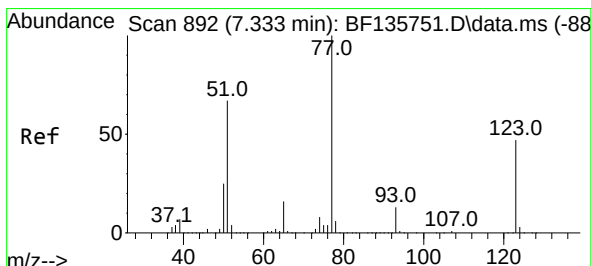
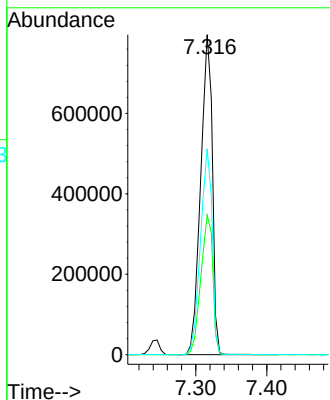
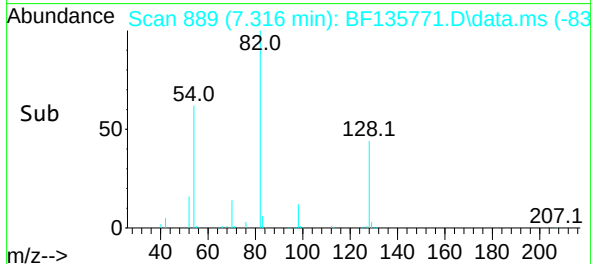
PB156184BSD



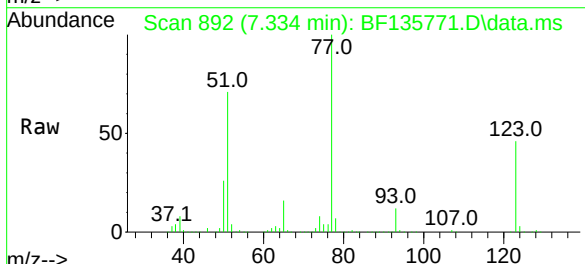
Tgt Ion: 82 Resp: 911678
Ion Ratio Lower Upper
82 100
128 43.6 37.0 55.6
54 64.4 52.8 79.2

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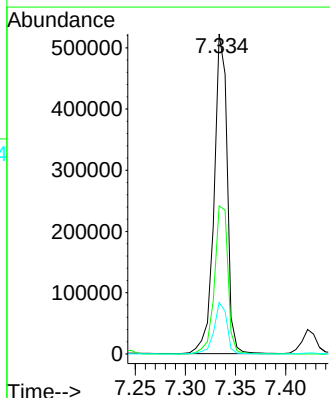
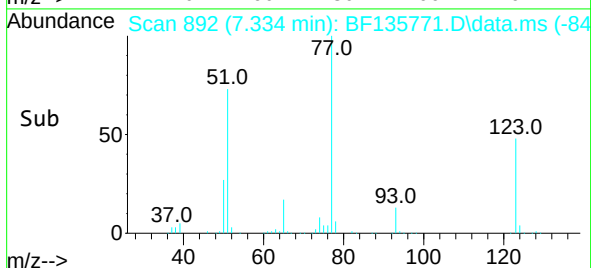
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

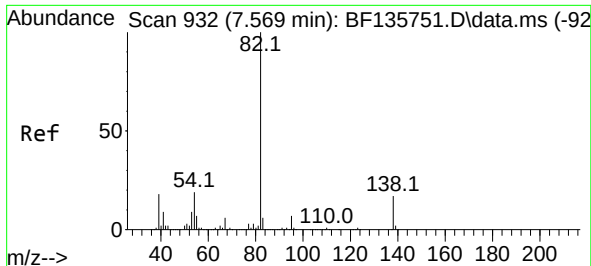


#24
Nitrobenzene
Concen: 42.912 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



Tgt Ion: 77 Resp: 474849
Ion Ratio Lower Upper
77 100
123 46.2 37.3 55.9
65 16.1 12.6 18.8





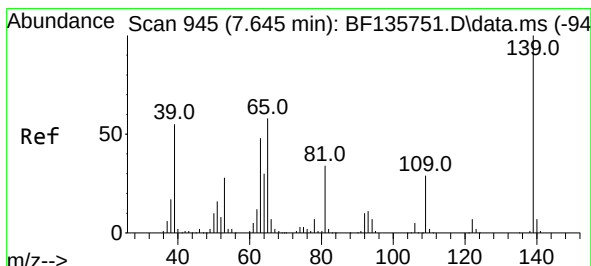
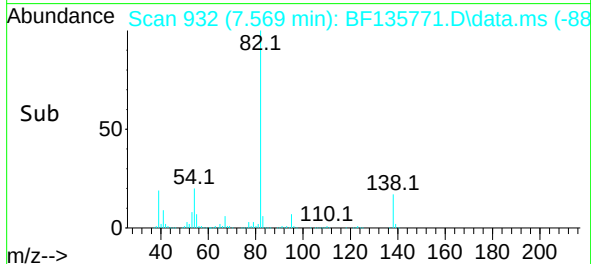
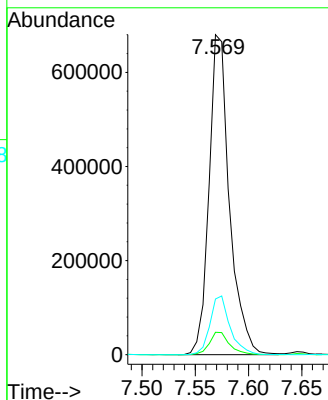
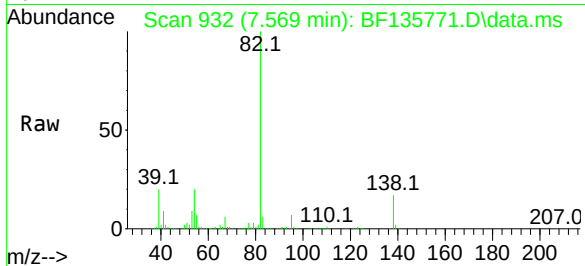
#25
Isophorone
Concen: 43.596 ng
RT: 7.569 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :
BNA_F
ClientSampleId :
PB156184BSD

Tgt Ion: 82 Resp: 906823
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.4 13.9 20.9

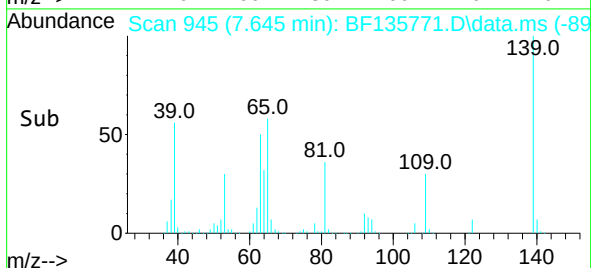
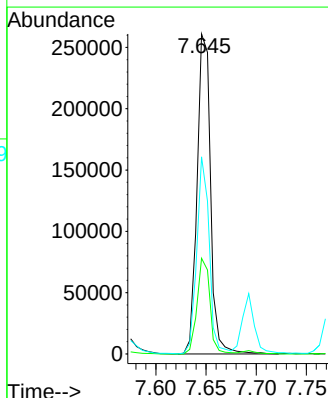
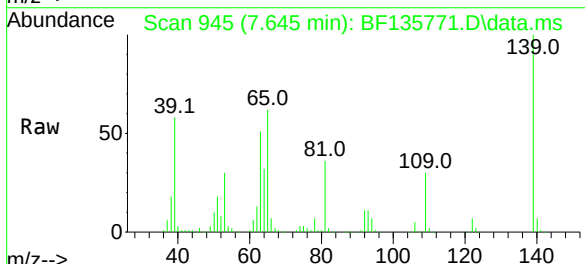
Manual Integrations
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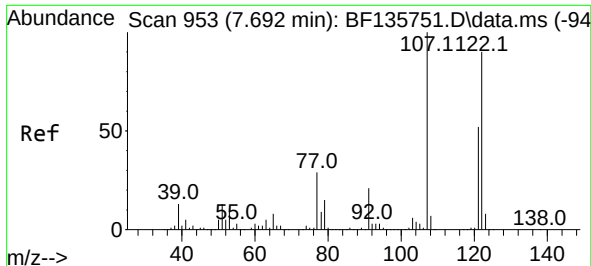
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#26
2-Nitrophenol
Concen: 45.428 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Tgt Ion:139 Resp: 245324
Ion Ratio Lower Upper
139 100
109 29.9 23.0 34.4
65 61.6 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 41.945 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135771.D

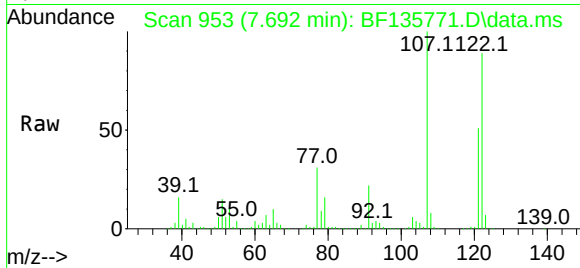
Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD



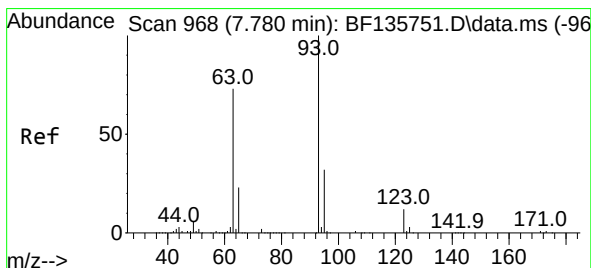
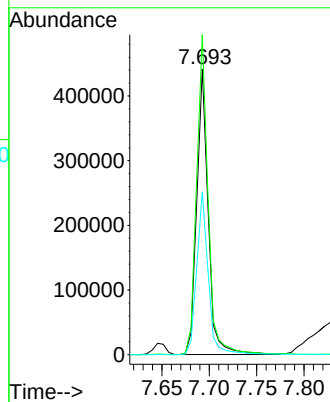
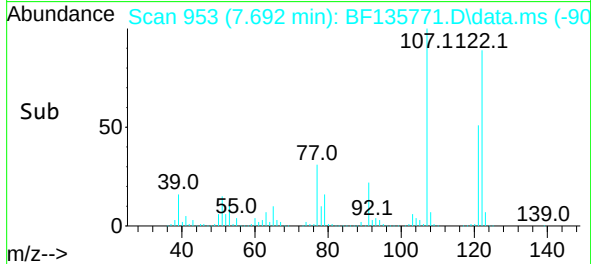
Tgt Ion:	122	Resp:	372890
Ion	Ratio	Lower	Upper
122	100		
107	112.0	88.2	132.4
121	57.0	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.457 ng

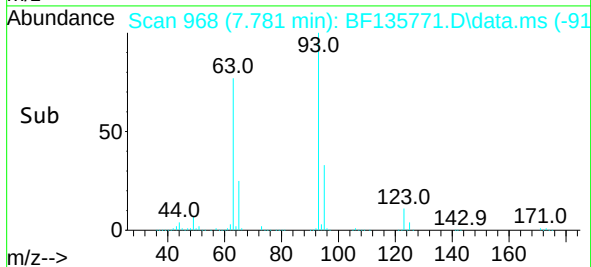
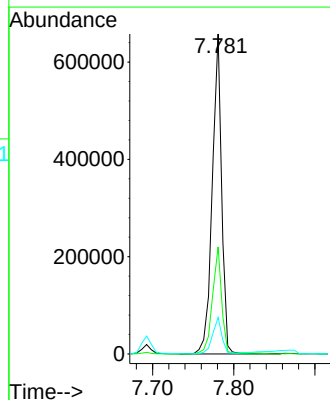
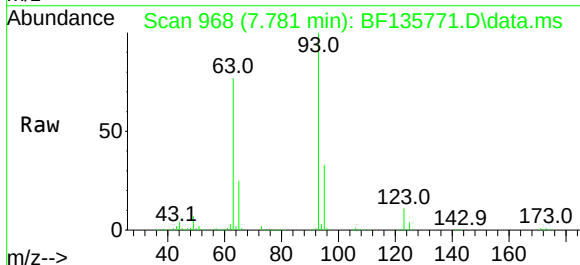
RT: 7.781 min Scan# 968

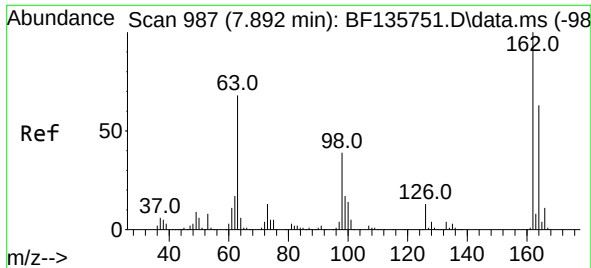
Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Tgt Ion:	93	Resp:	525938
Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.7	38.5
123	11.4	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 44.331 ng

RT: 7.898 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

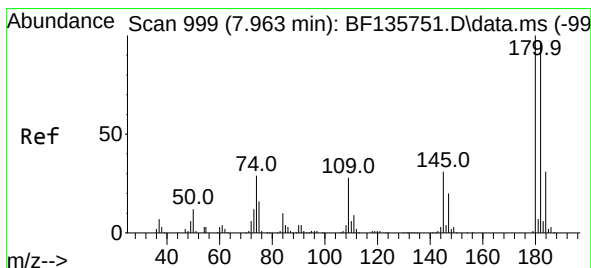
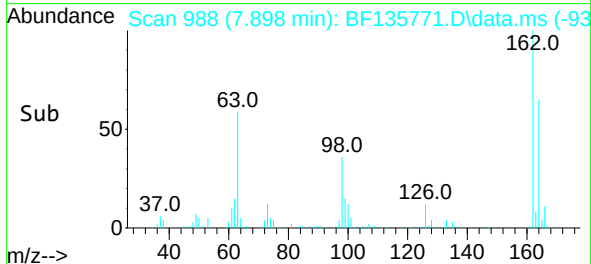
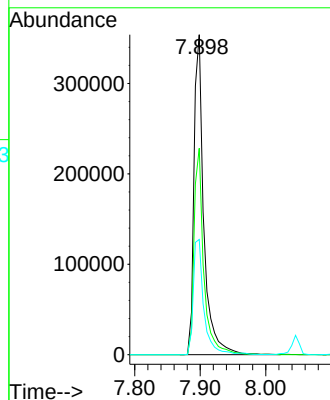
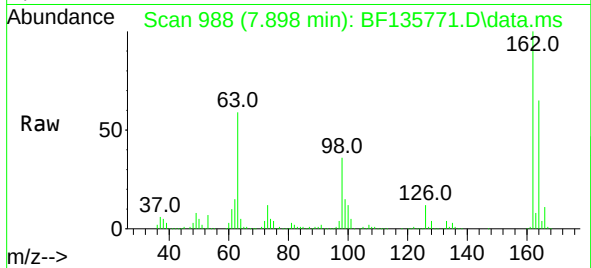
Tgt Ion:162 Resp: 369329
 Ion Ratio Lower Upper
 162 100
 164 64.5 43.4 83.4
 98 36.0 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.293 ng

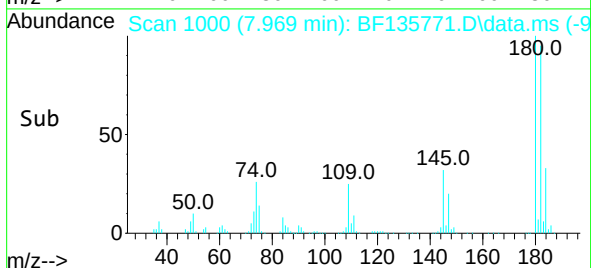
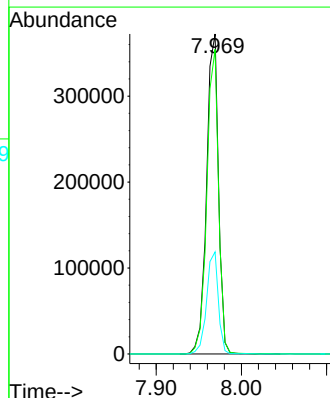
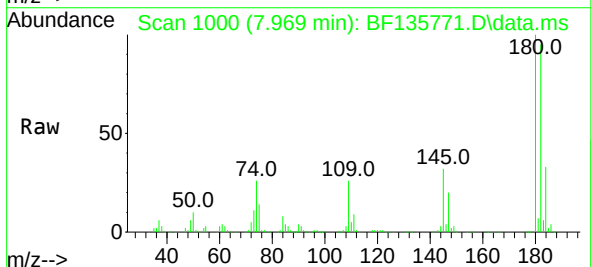
RT: 7.969 min Scan# 1000

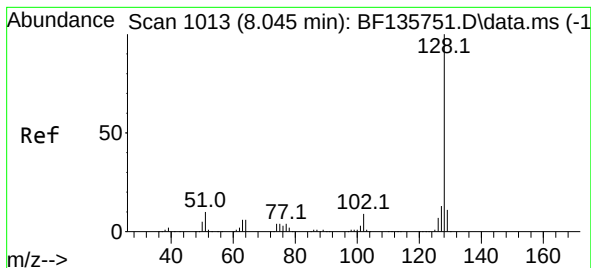
Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Tgt Ion:180 Resp: 360372
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.4 114.6
 145 31.9 25.0 37.6





#31

Naphthalene

Concen: 40.204 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF135771.D

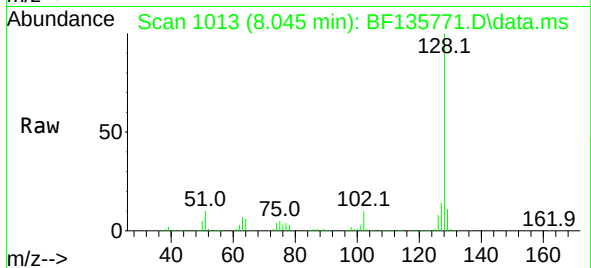
Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD



Tgt Ion:128 Resp: 1189139

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

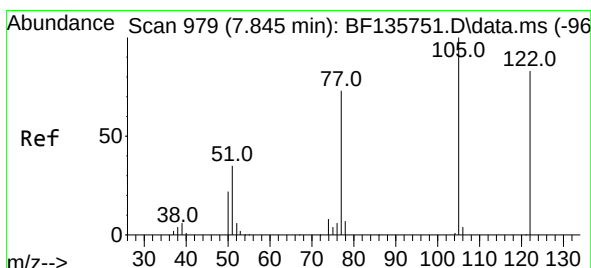
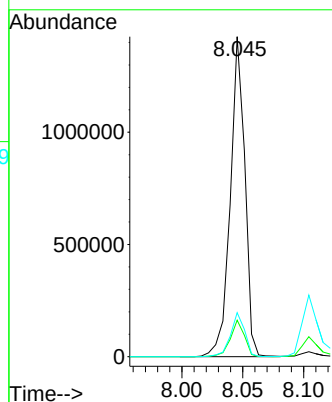
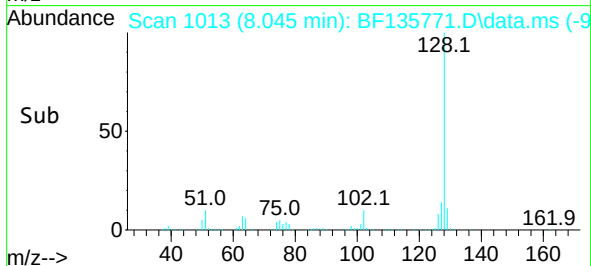
127 13.7 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#32

Benzoic acid

Concen: 50.186 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.018 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

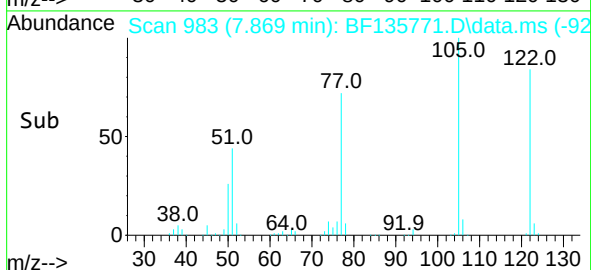
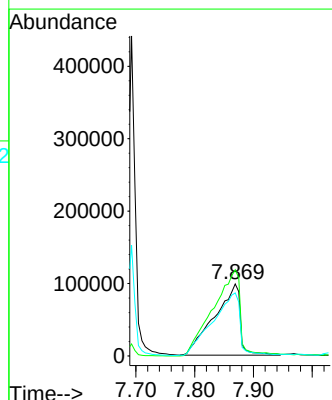
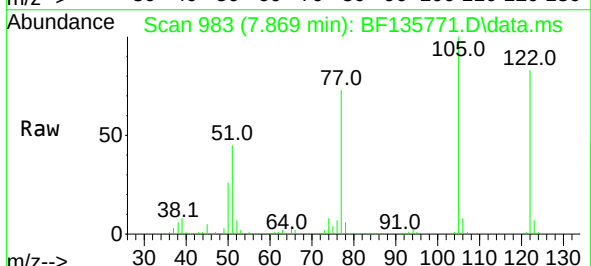
Tgt Ion:122 Resp: 302001

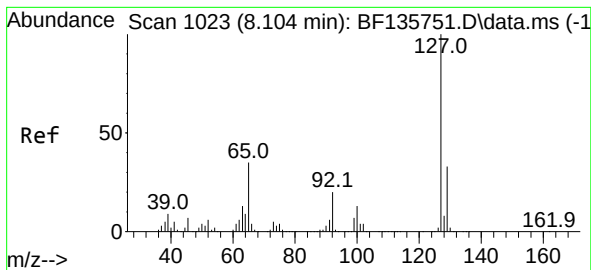
Ion Ratio Lower Upper

122 100

105 119.9 98.7 138.7

77 87.6 67.8 107.8





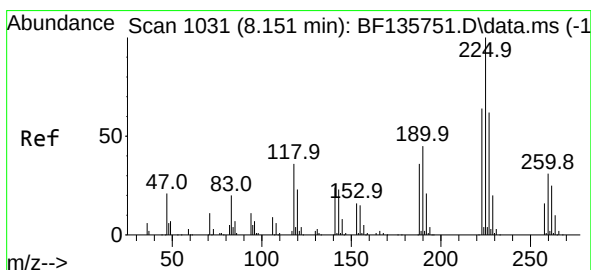
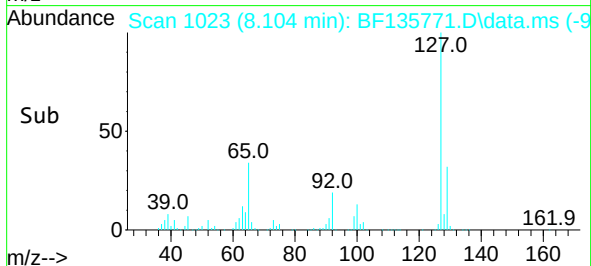
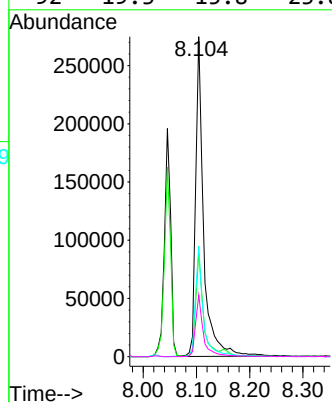
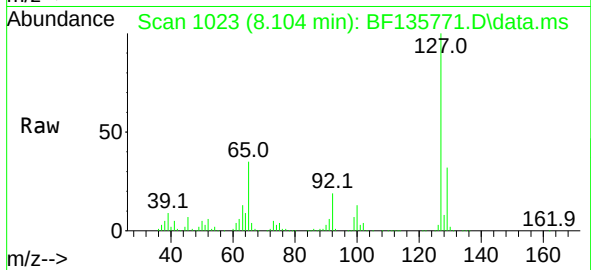
#33
4-Chloroaniline
Concen: 22.328 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :
BNA_F
ClientSampleId :
PB156184BSD

Tgt Ion:127 Resp: 288492
Ion Ratio Lower Upper
127 100
129 32.4 26.5 39.7
65 34.5 27.9 41.9
92 19.3 15.8 23.8

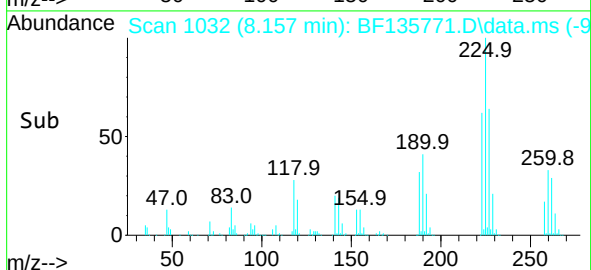
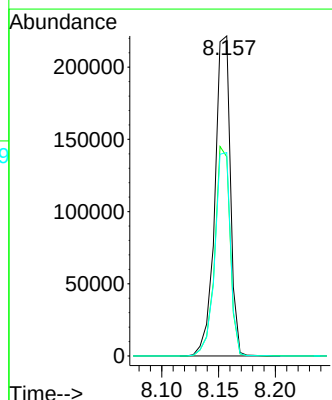
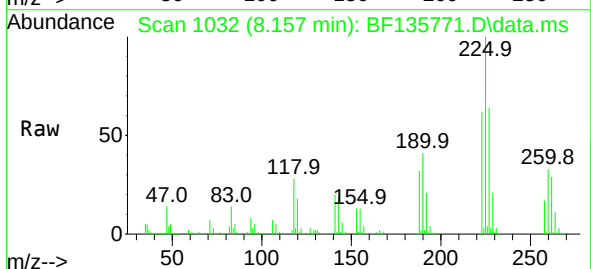
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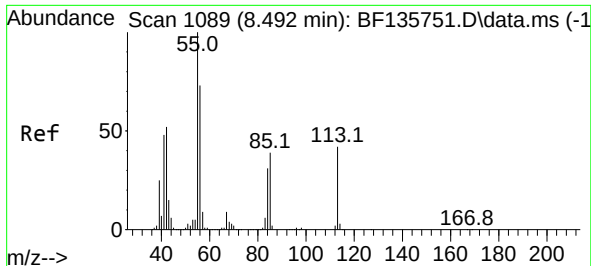
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#34
Hexachlorobutadiene
Concen: 41.742 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

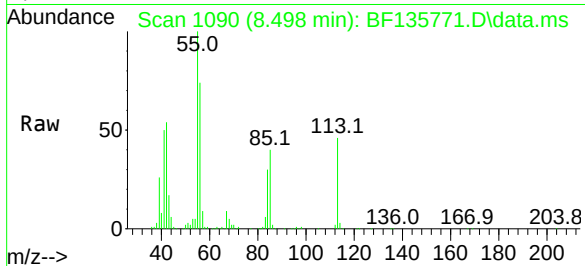
Tgt Ion:225 Resp: 210533
Ion Ratio Lower Upper
225 100
223 62.2 51.1 76.7
227 63.5 49.7 74.5





#35
Caprolactam
Concen: 44.471 ng m
RT: 8.498 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

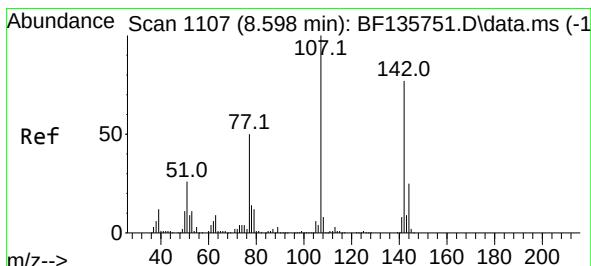
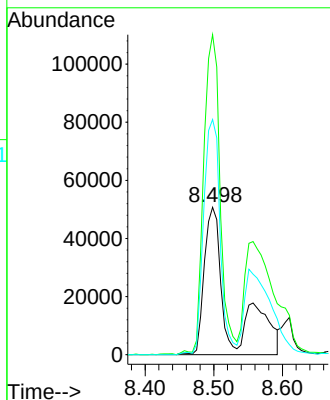
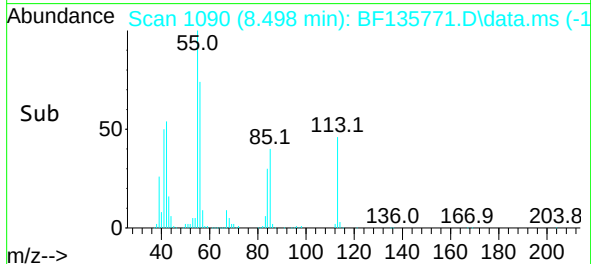
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



Tgt Ion:113 Resp: 126658
Ion Ratio Lower Upper
113 100
55 217.1 217.4 257.4
56 159.6 153.1 193.1

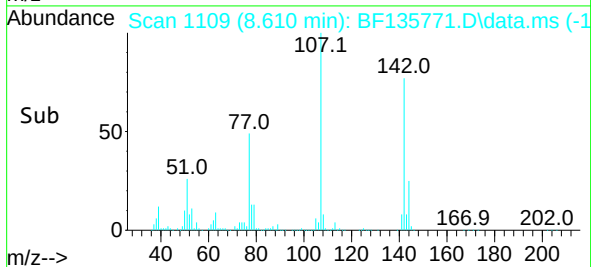
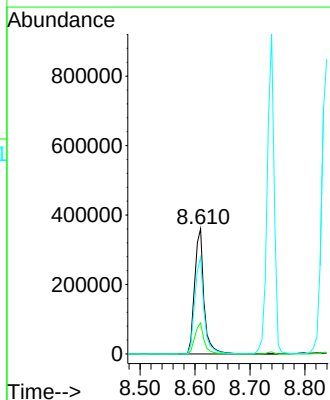
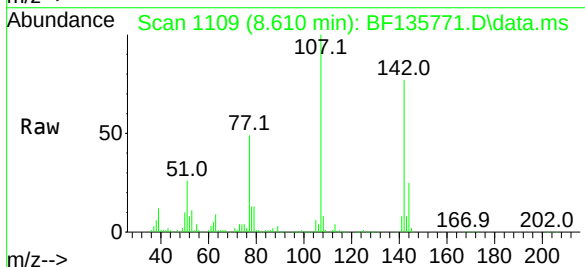
Manual Integrations
APPROVED

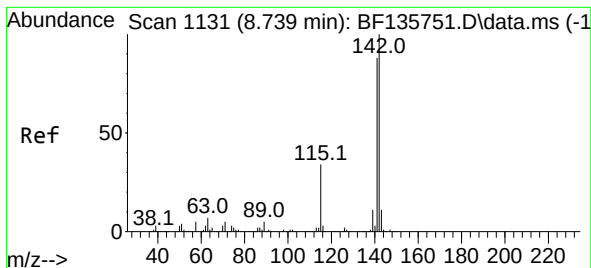
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#36
4-Chloro-3-methylphenol
Concen: 45.837 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Tgt Ion:107 Resp: 423491
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.8
142 76.9 61.3 91.9





#37

2-Methylnaphthalene

Concen: 40.952 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

Tgt Ion:142 Resp: 79805

Ion Ratio Lower Upper

142 100

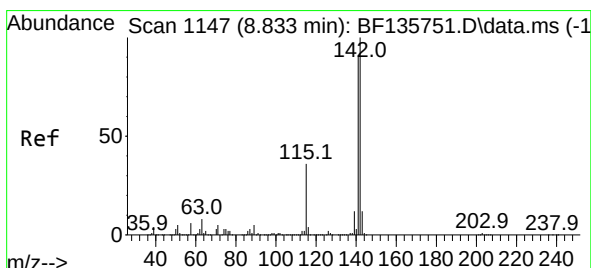
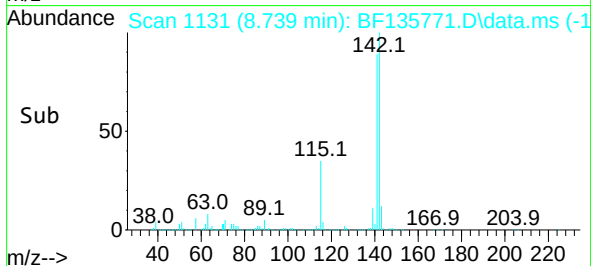
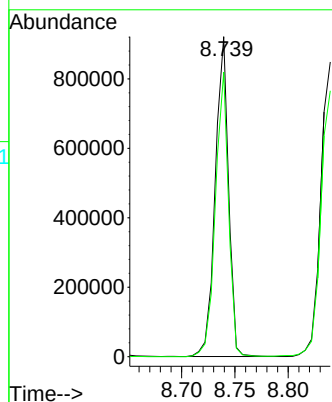
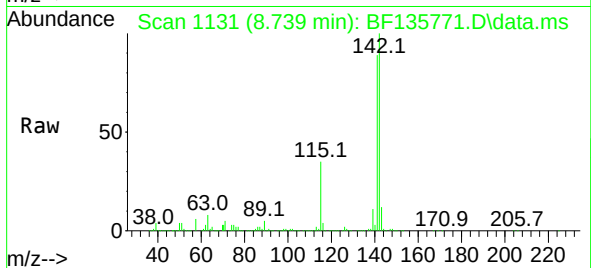
141 89.0 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#38

1-Methylnaphthalene

Concen: 41.815 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF135771.D

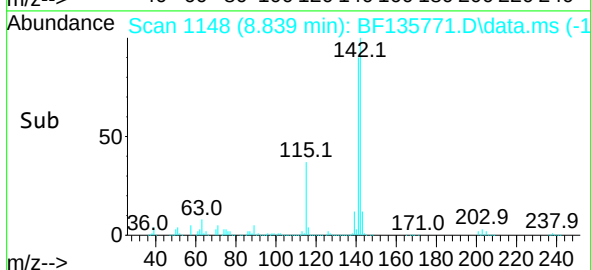
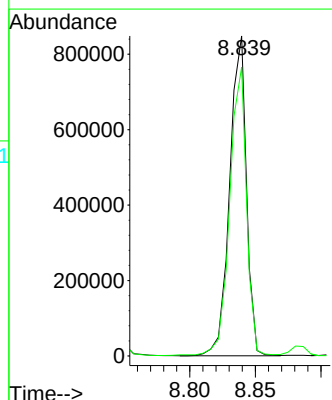
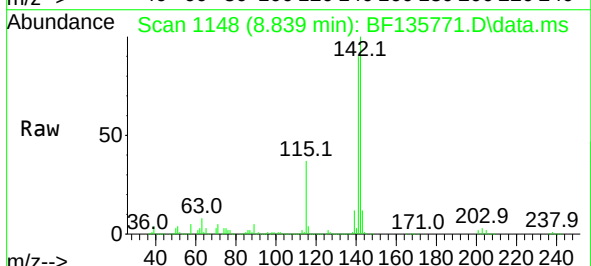
Acq: 16 Oct 2023 12:07

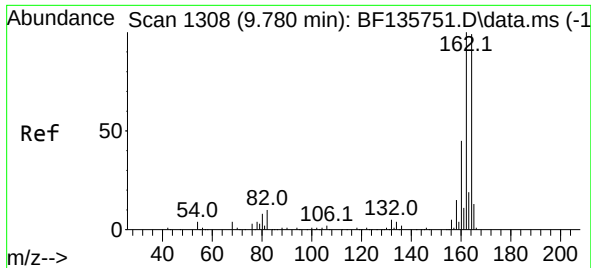
Tgt Ion:142 Resp: 751581

Ion Ratio Lower Upper

142 100

141 90.3 72.7 109.1





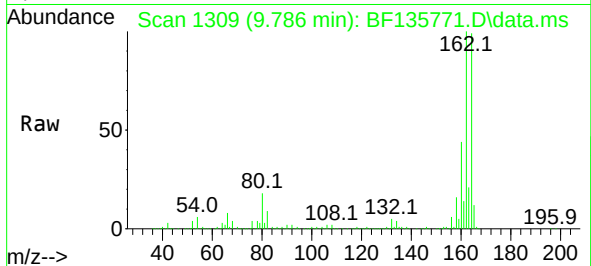
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

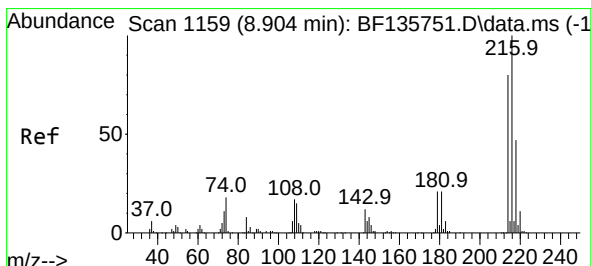
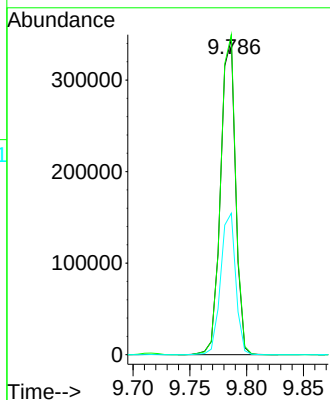
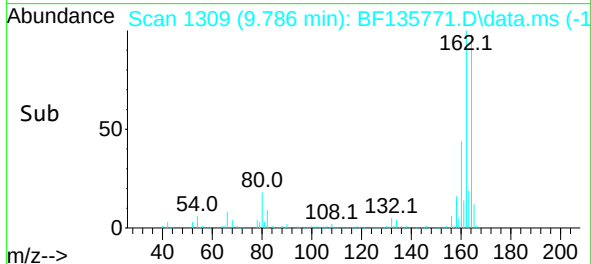


Tgt Ion:164 Resp: 31796
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 44.8 36.6 54.8

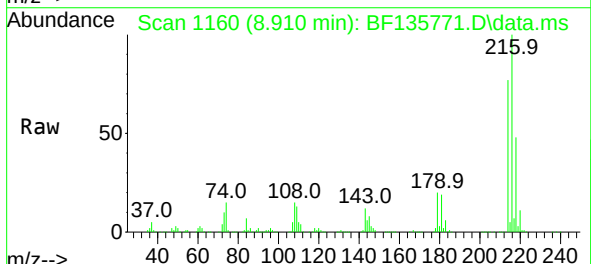
Manual Integrations

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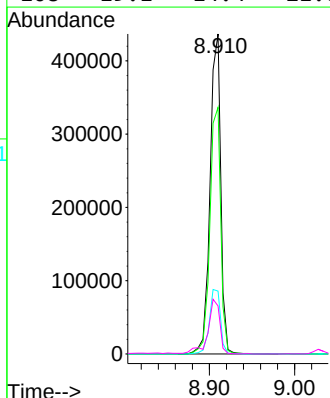
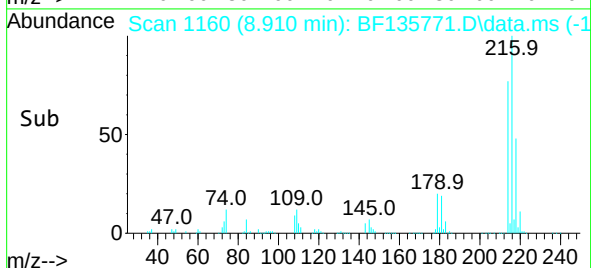
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

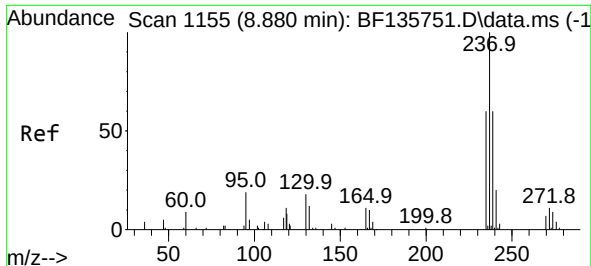


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.561 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



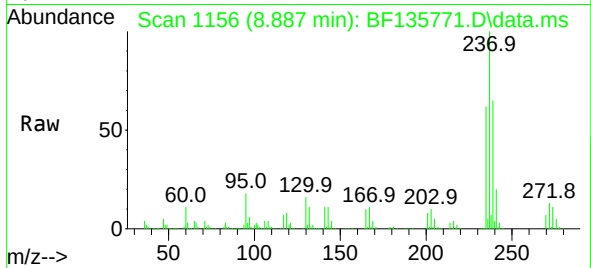
Tgt Ion:216 Resp: 380135
Ion Ratio Lower Upper
216 100
214 78.7 64.0 96.0
179 20.9 16.9 25.3
108 19.1 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 87.869 ng
RT: 8.887 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

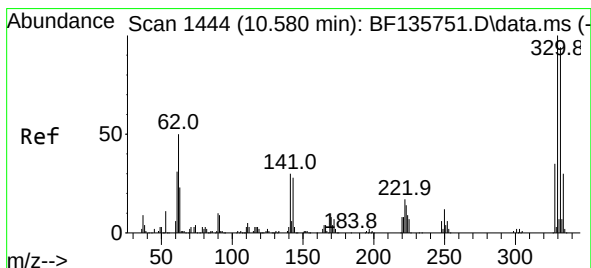
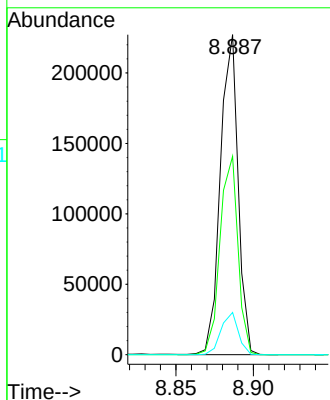
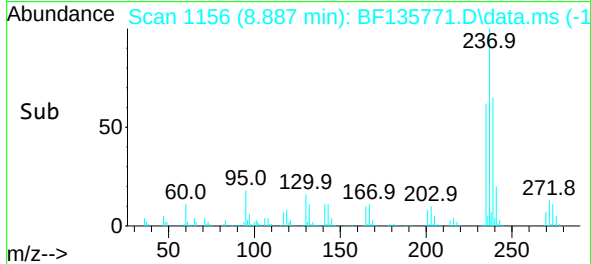
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



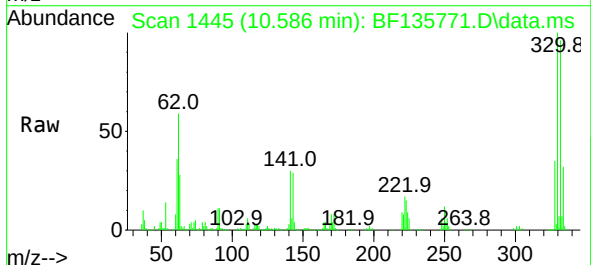
Tgt Ion:237 Resp: 181058
Ion Ratio Lower Upper
237 100
235 62.0 40.0 80.0
272 13.2 0.0 30.9

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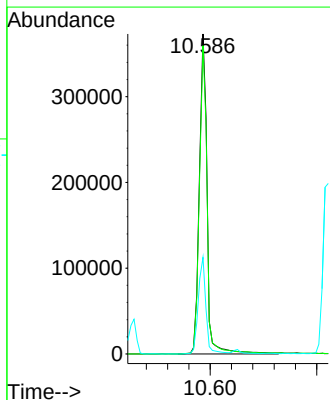
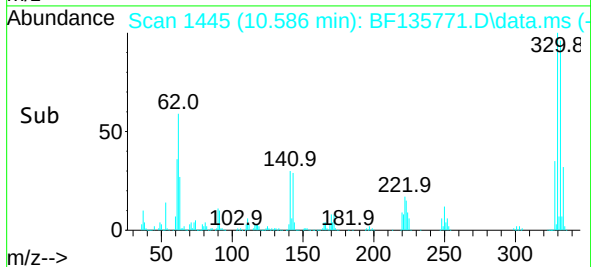
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

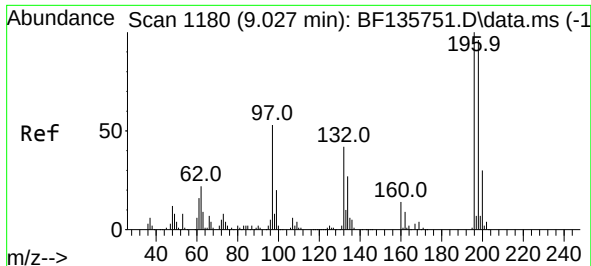


#42
2,4,6-Tribromophenol
Concen: 123.519 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



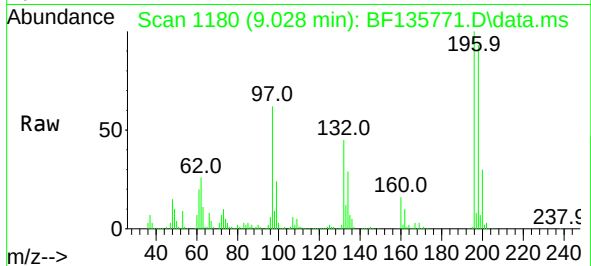
Tgt Ion:330 Resp: 376874
Ion Ratio Lower Upper
330 100
332 95.8 75.0 112.4
141 29.9 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 44.048 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

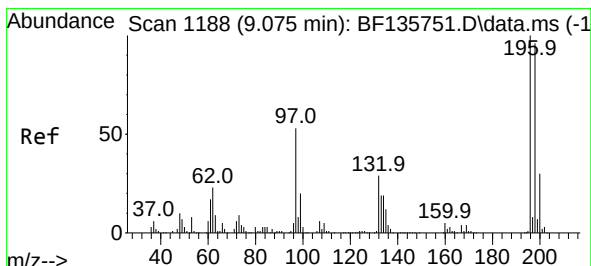
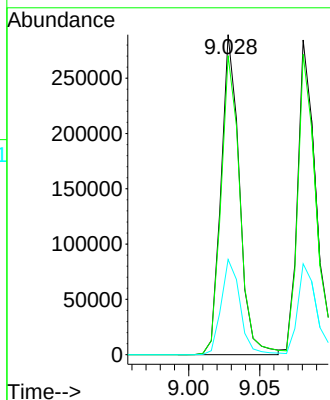
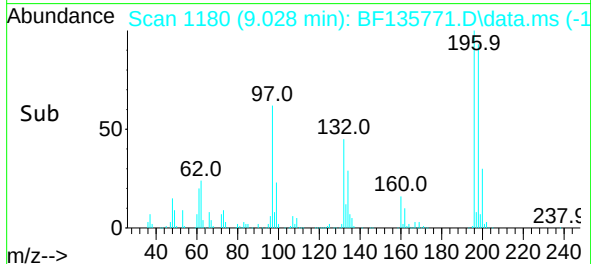
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



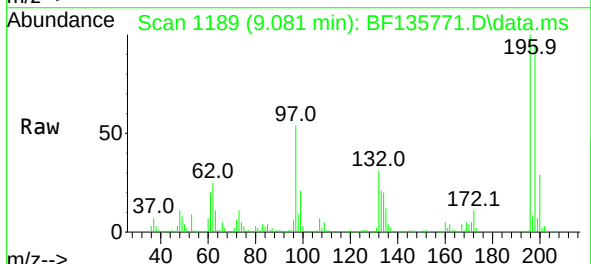
Tgt Ion:196 Resp: 259617
Ion Ratio Lower Upper
196 100
198 93.4 76.7 115.1
200 29.8 24.2 36.4

Manual Integrations
APPROVED

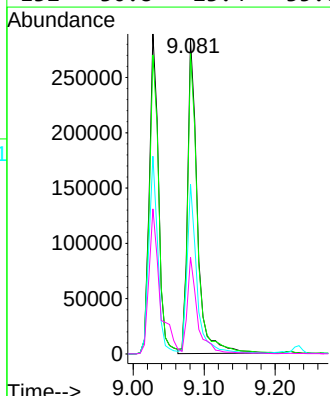
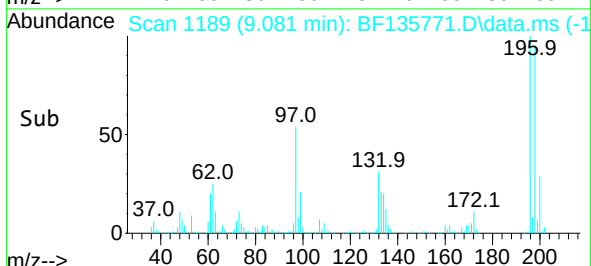
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

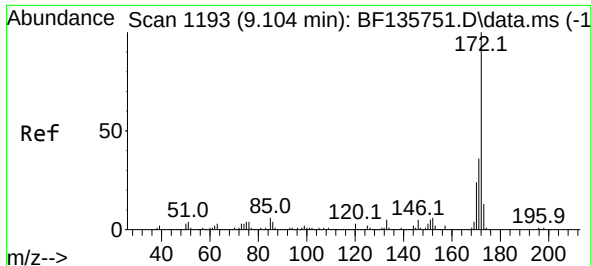


#44
2,4,5-Trichlorophenol
Concen: 39.876 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



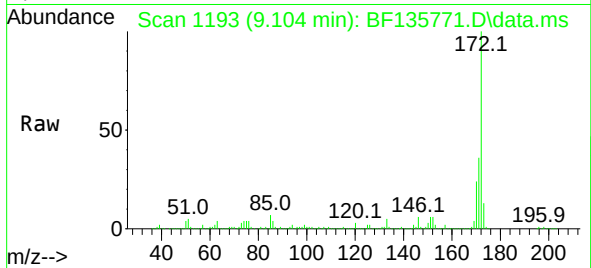
Tgt Ion:196 Resp: 273360
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.6
97 54.0 42.2 63.2
132 30.8 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 75.044 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

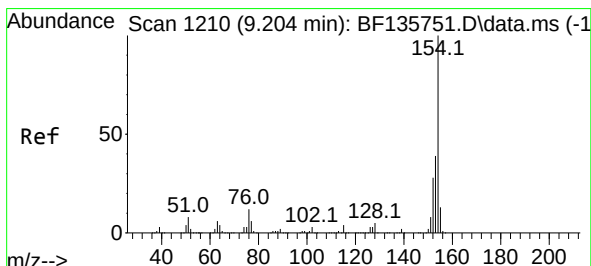
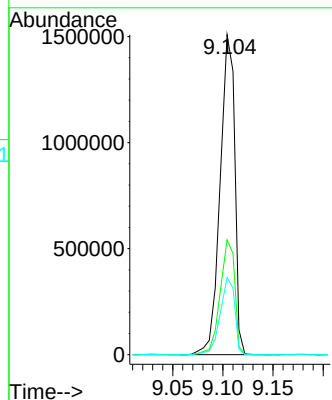
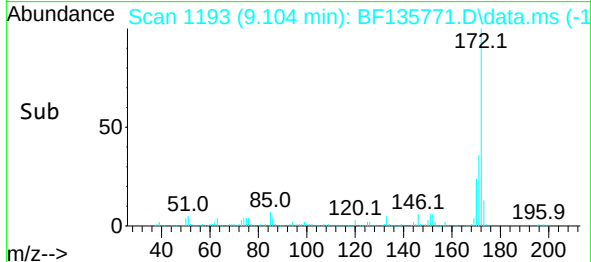
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



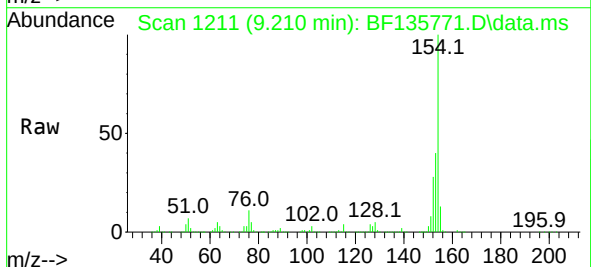
Tgt Ion:172 Resp: 152614
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.1 18.8 28.2

Manual Integrations
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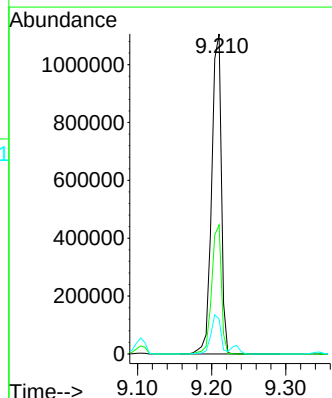
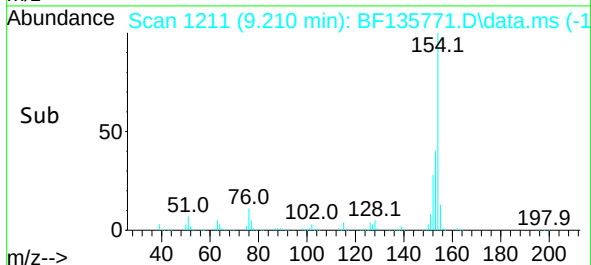
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

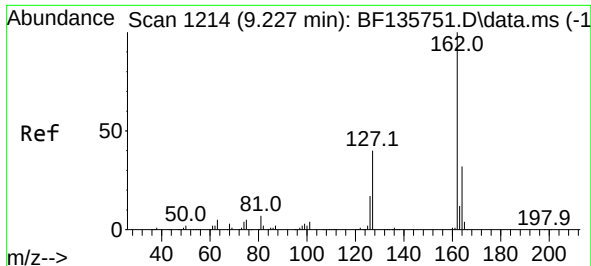


#46
1,1'-Biphenyl
Concen: 41.076 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



Tgt Ion:154 Resp: 1000476
Ion Ratio Lower Upper
154 100
153 40.3 19.4 59.4
76 10.9 0.0 31.7





#47

2-Chloronaphthalene

Concen: 42.351 ng

RT: 9.234 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

Tgt Ion:162 Resp: 74341

Ion Ratio Lower Upper

162 100

127 42.8 34.7 52.1

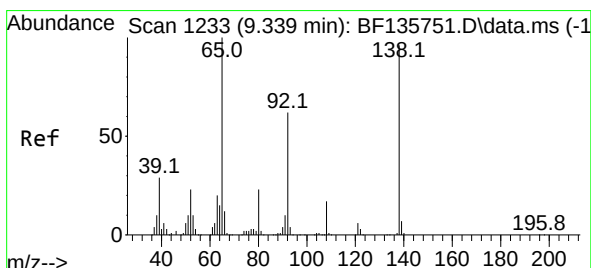
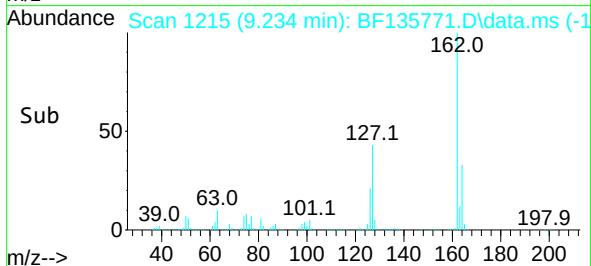
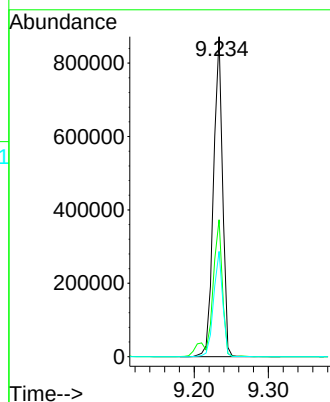
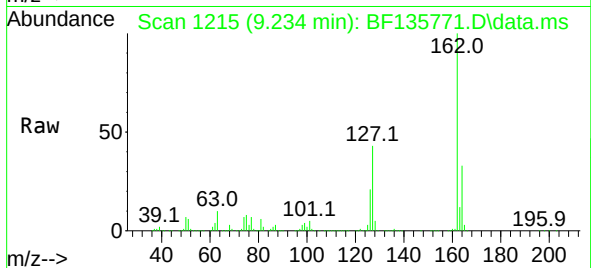
164 32.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#48

2-Nitroaniline

Concen: 42.668 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

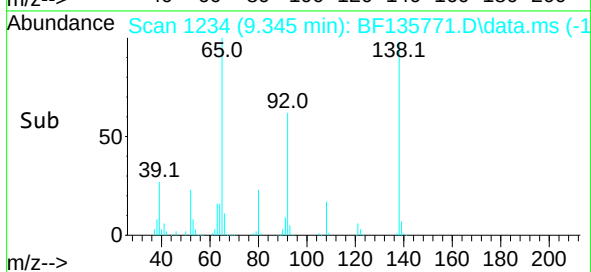
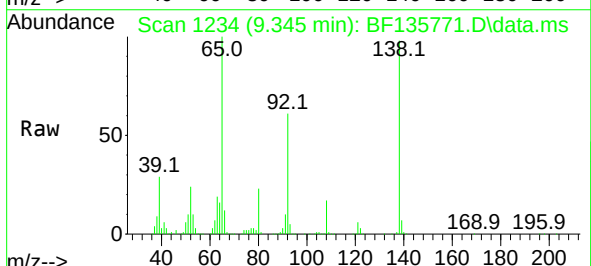
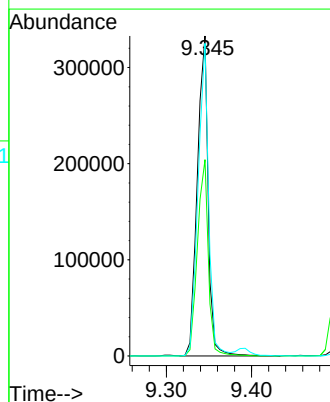
Tgt Ion: 65 Resp: 295639

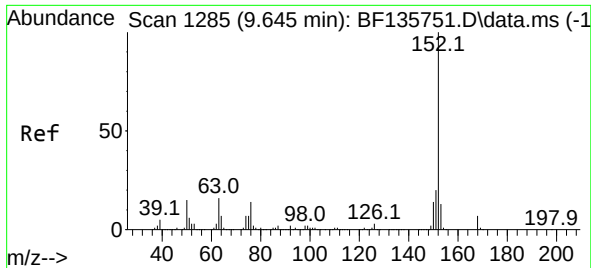
Ion Ratio Lower Upper

65 100

92 61.4 49.4 74.0

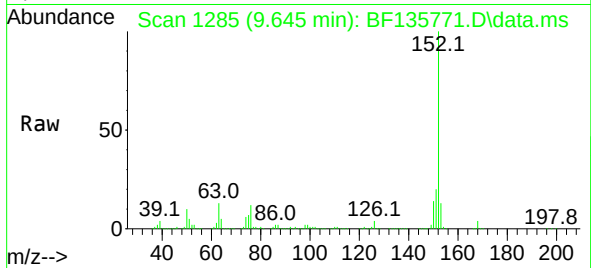
138 97.7 76.6 114.8





#49
Acenaphthylene
Concen: 40.767 ng
RT: 9.645 min Scan# 118425
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

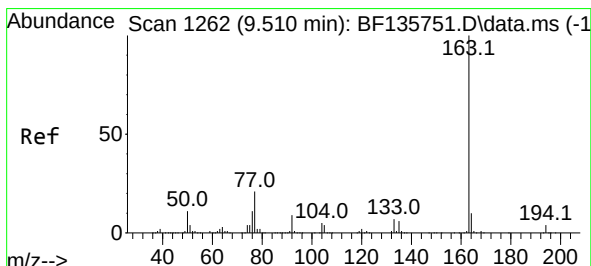
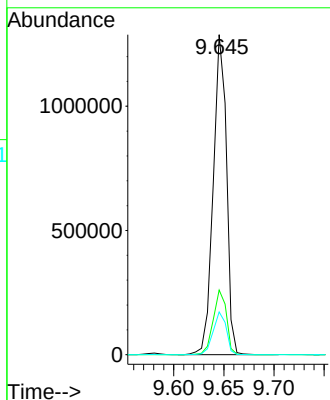
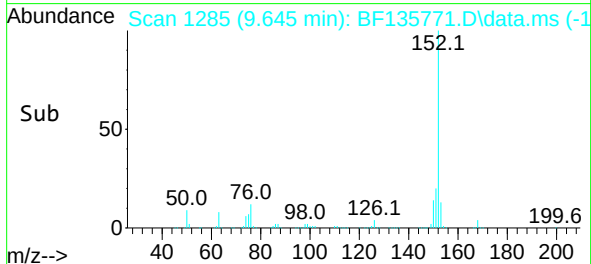
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



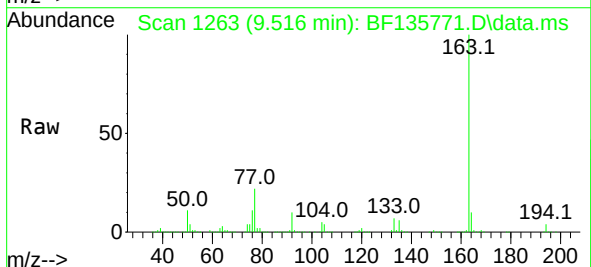
Tgt Ion:152 Resp: 118425
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.4 10.2 15.4

Manual Integrations
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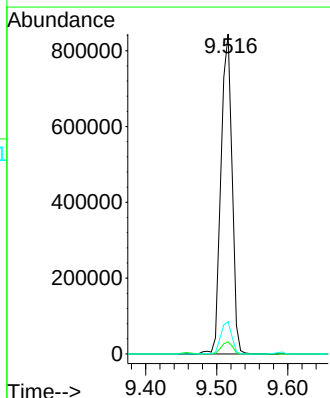
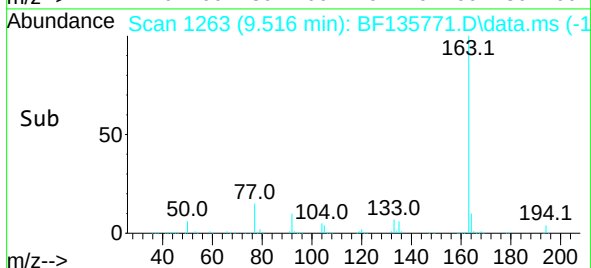
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

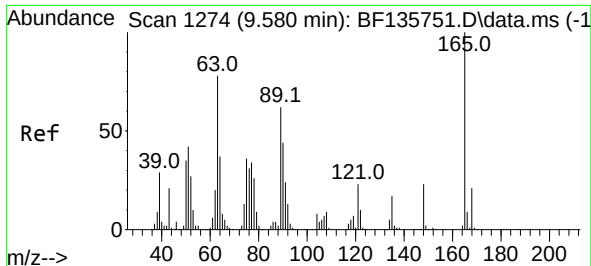


#50
Dimethylphthalate
Concen: 42.312 ng
RT: 9.516 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



Tgt Ion:163 Resp: 908213
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 43.172 ng

RT: 9.592 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

Tgt Ion:165 Resp: 19927

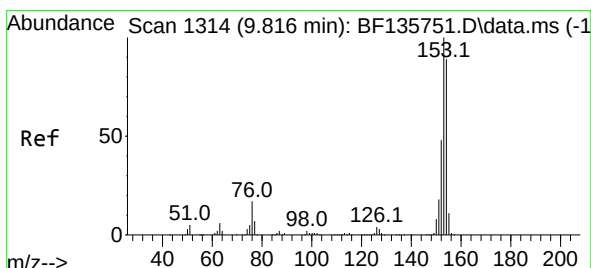
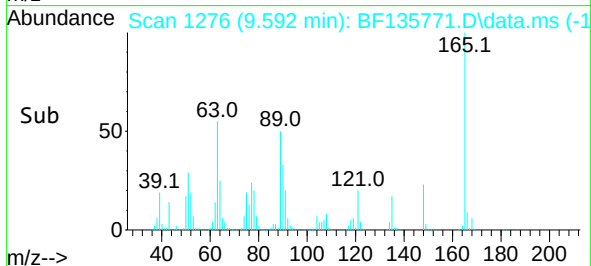
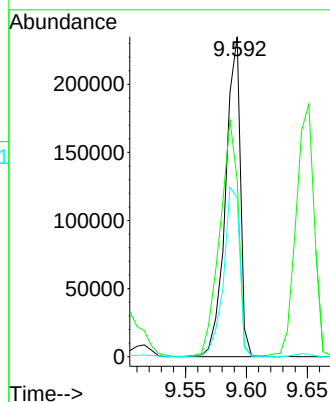
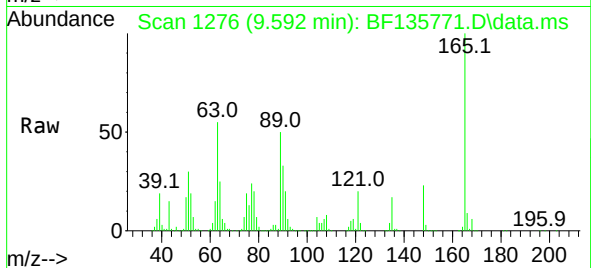
Ion	Ratio	Lower	Upper
165	100		
63	55.4	62.2	93.4
89	49.7	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#52

Acenaphthene

Concen: 40.492 ng

RT: 9.822 min Scan# 1315

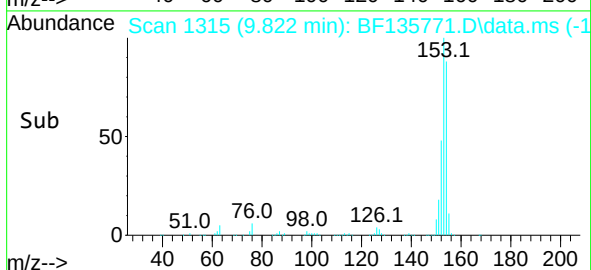
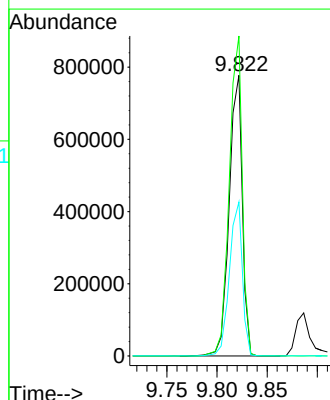
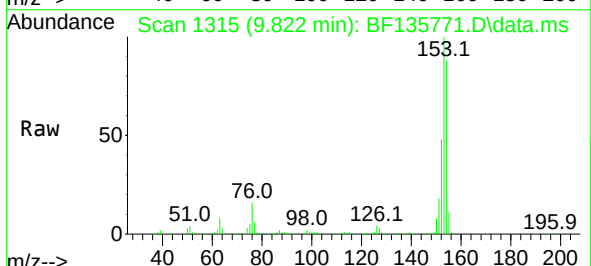
Delta R.T. 0.006 min

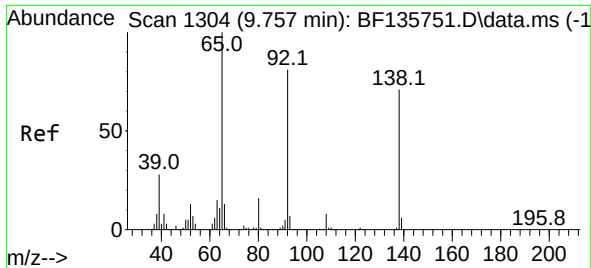
Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Tgt Ion:154 Resp: 705034

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.1	135.1
152	54.8	43.1	64.7





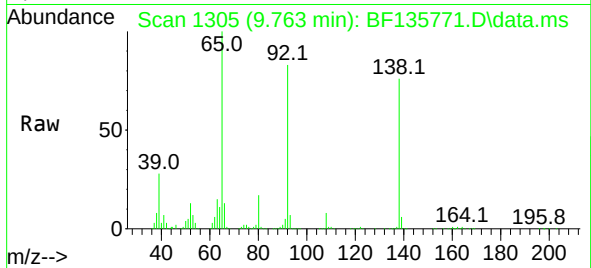
#53
3-Nitroaniline
Concen: 31.413 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD



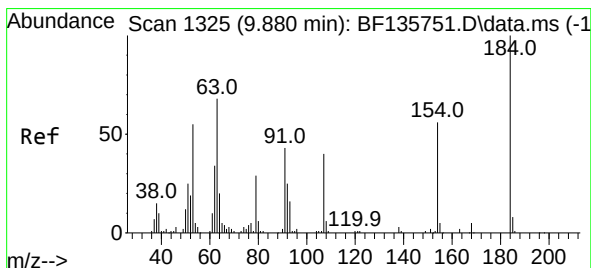
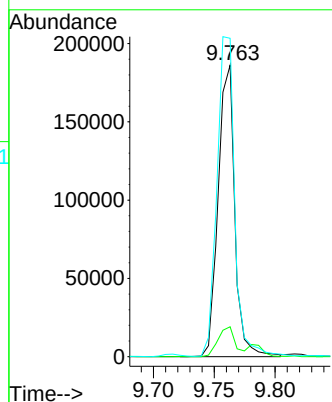
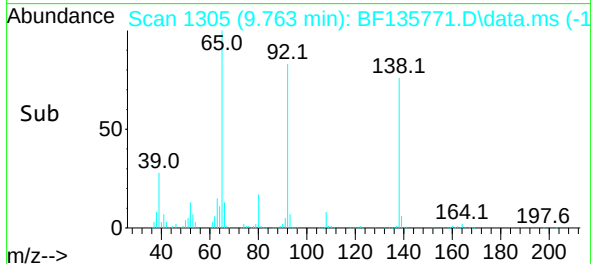
Tgt Ion:138 Resp: 177748
Ion Ratio Lower Upper
138 100
108 10.3 8.6 13.0
92 109.2 91.3 136.9

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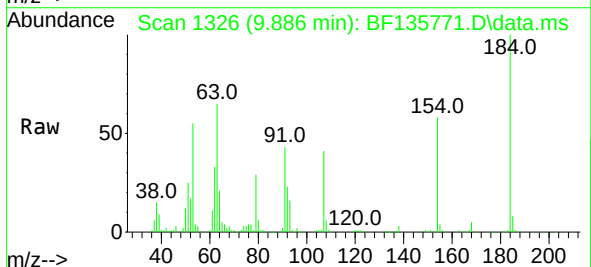
APPROVED

Reviewed By :Yogesh Patel 10/17/2023

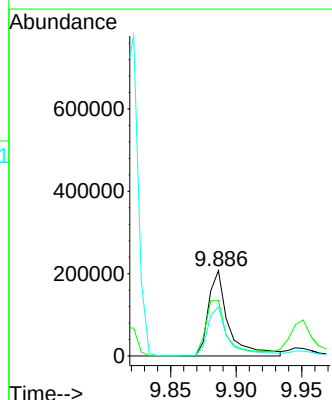
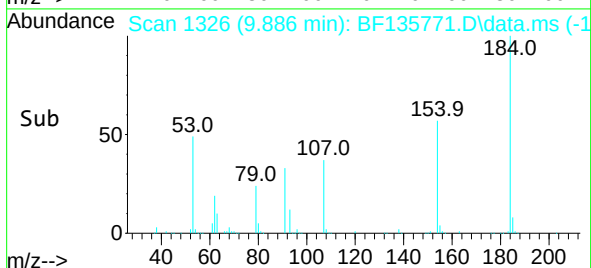
Supervised By :mohammad ahmed 10/17/2023

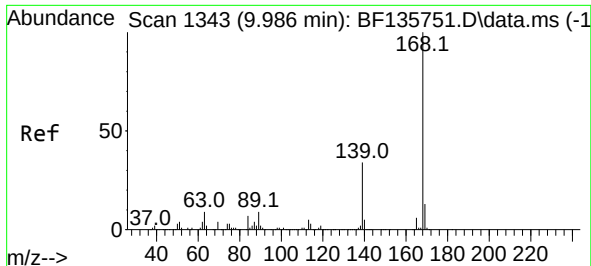


#54
2,4-Dinitrophenol
Concen: 114.727 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



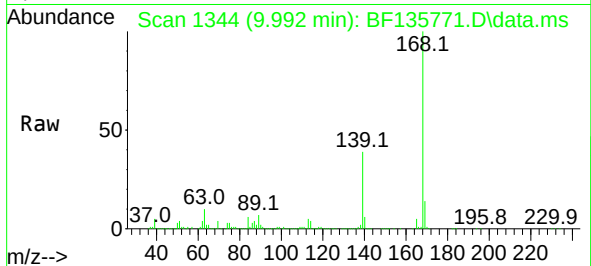
Tgt Ion:184 Resp: 221057
Ion Ratio Lower Upper
184 100
63 65.2 54.6 81.8
154 57.6 45.0 67.4





#55
Dibenzenofuran
Concen: 40.920 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

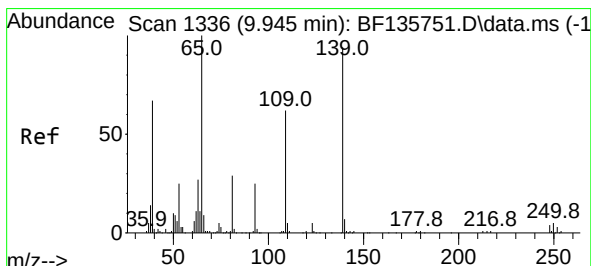
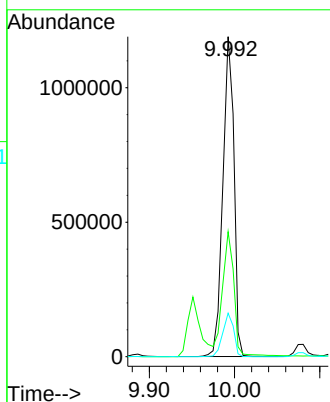
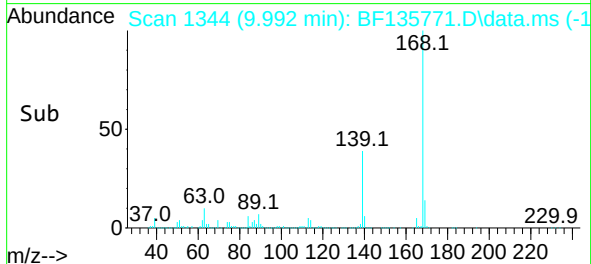
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



Tgt Ion:168 Resp: 1075054
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.4
169 13.6 10.7 16.1

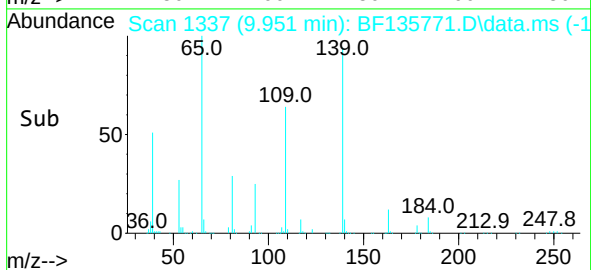
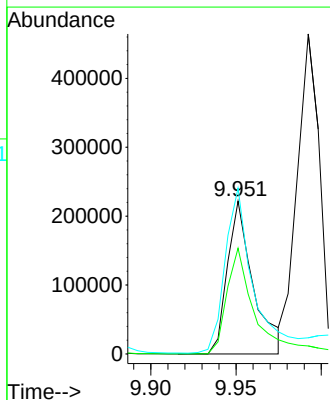
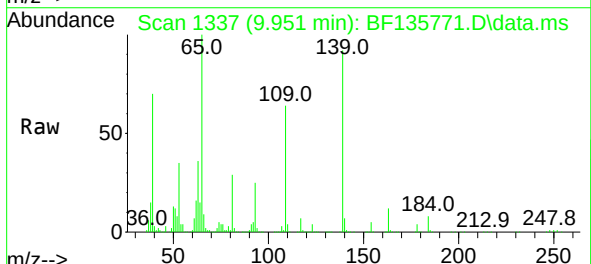
Manual Integrations
APPROVED

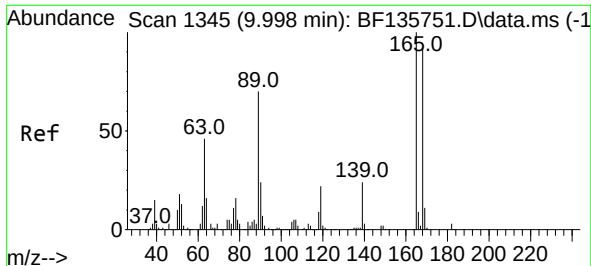
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#56
4-Nitrophenol
Concen: 89.358 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Tgt Ion:139 Resp: 233458
Ion Ratio Lower Upper
139 100
109 69.2 45.6 85.6
65 108.6 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 43.574 ng

RT: 10.004 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

Tgt Ion:165 Resp: 25588

Ion Ratio Lower Upper

165 100

63 51.6 39.0 58.4

89 73.8 55.9 83.9

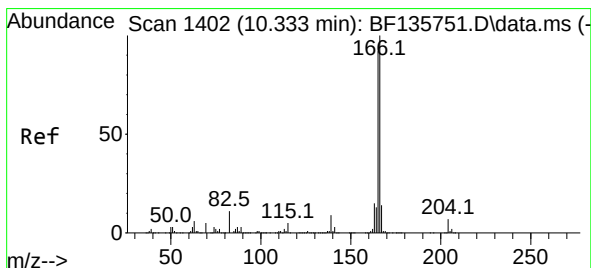
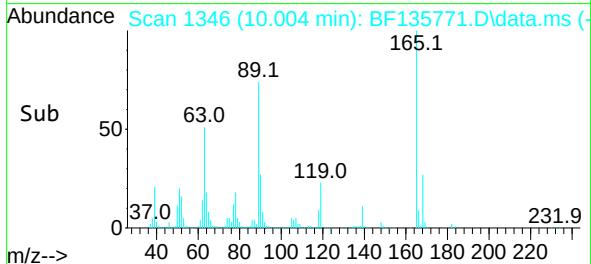
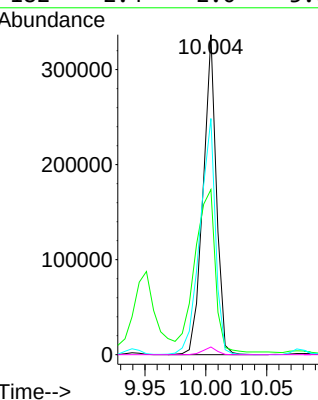
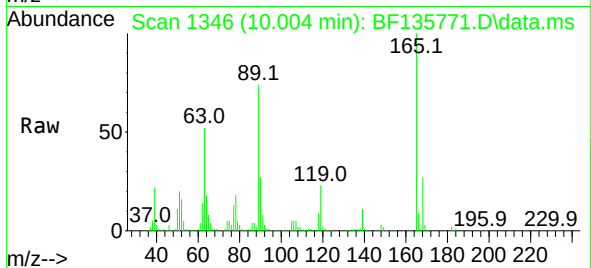
182 2.4 2.0 3.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#58

Fluorene

Concen: 41.319 ng

RT: 10.339 min Scan# 1403

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

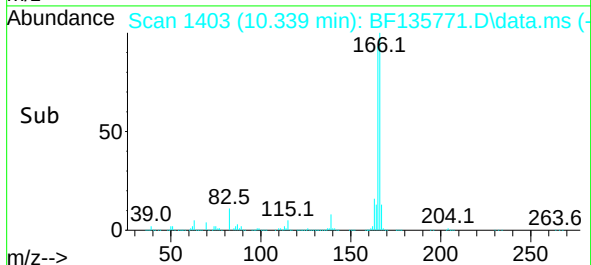
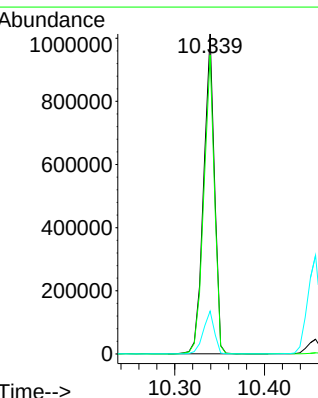
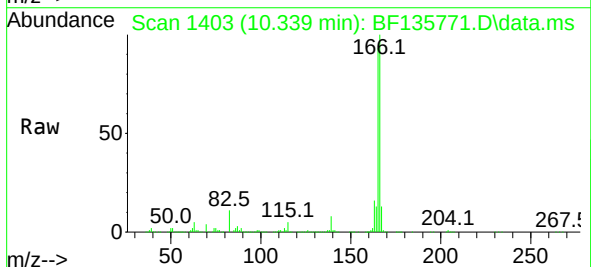
Tgt Ion:166 Resp: 849837

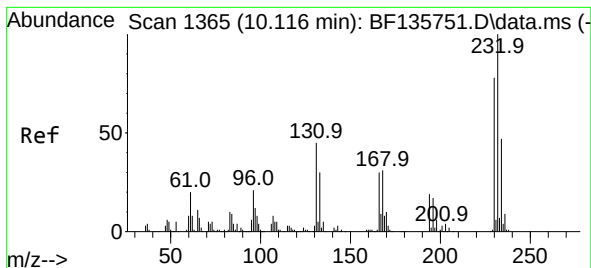
Ion Ratio Lower Upper

166 100

165 93.4 73.4 110.0

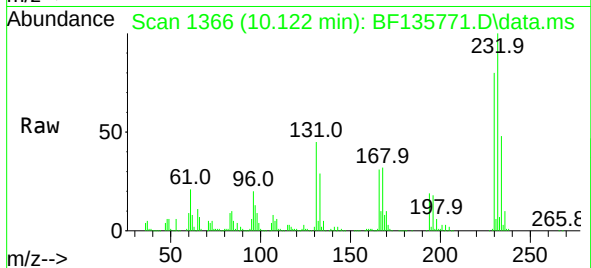
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.490 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

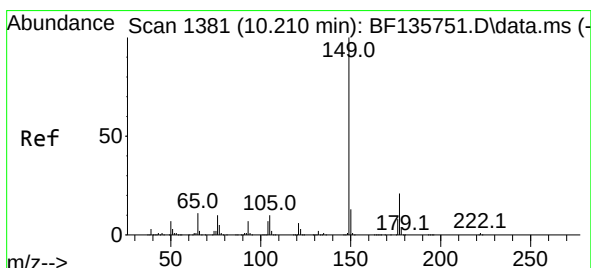
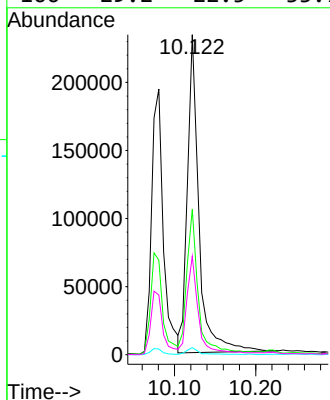
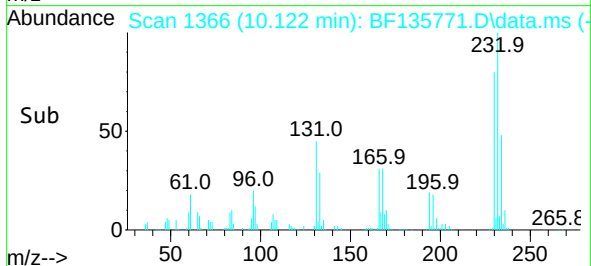
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



Tgt Ion:232 Resp: 230489
Ion Ratio Lower Upper
232 100
131 43.2 35.8 53.6
130 2.6 1.9 2.9
166 29.2 22.5 33.7

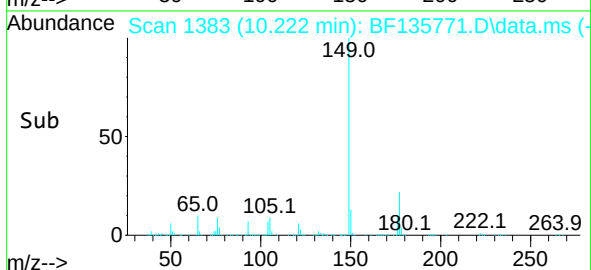
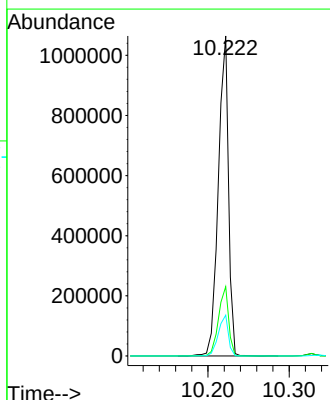
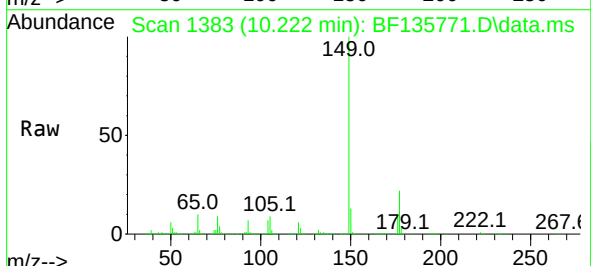
Manual Integrations
APPROVED

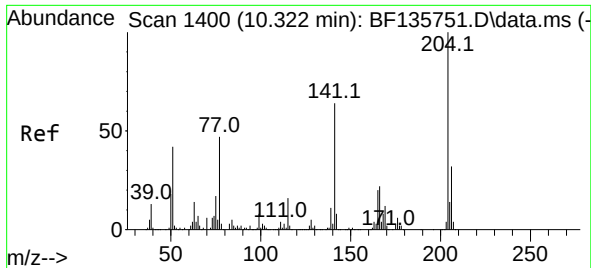
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#60
Diethylphthalate
Concen: 42.413 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

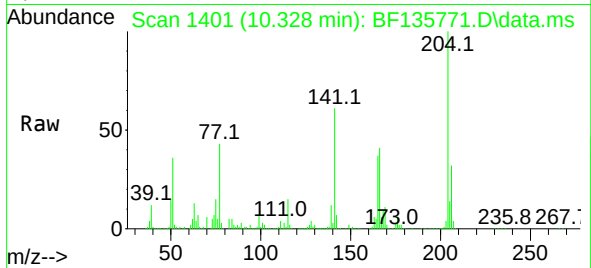
Tgt Ion:149 Resp: 929396
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.202 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

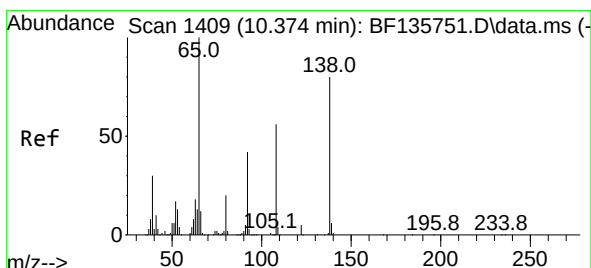
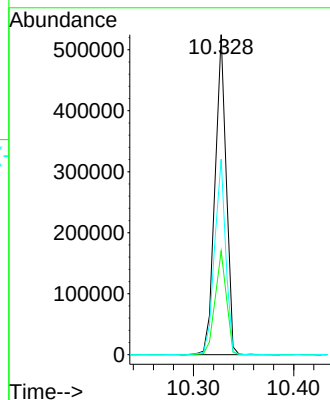
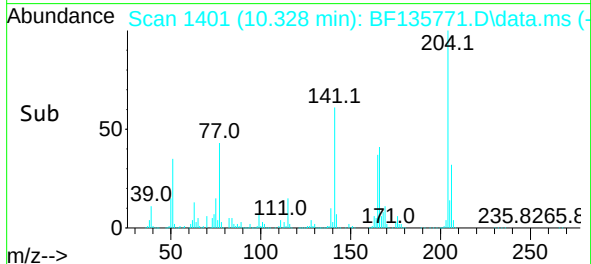
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



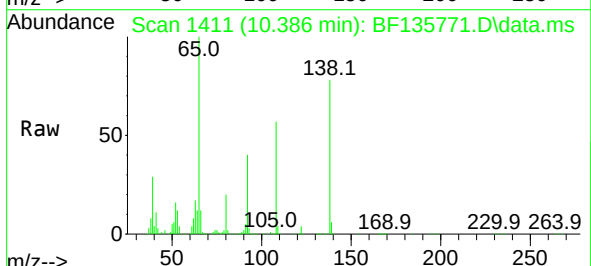
Tgt Ion:204 Resp: 409569
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 61.1 51.4 77.0

Manual Integrations
APPROVED

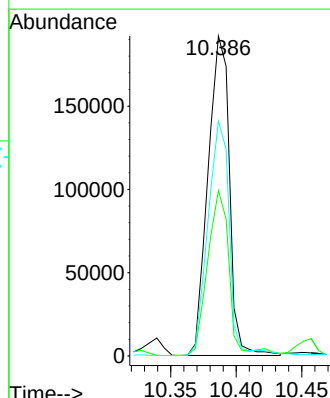
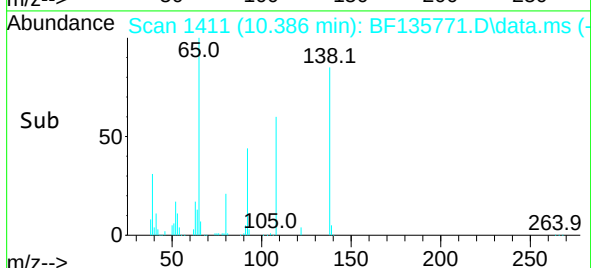
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

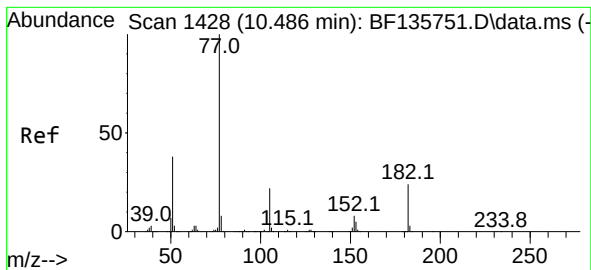


#62
4-Nitroaniline
Concen: 41.893 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



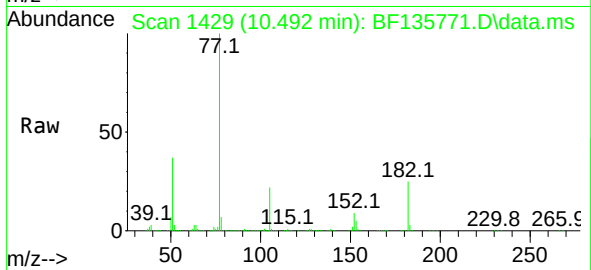
Tgt Ion:138 Resp: 218104
Ion Ratio Lower Upper
138 100
92 51.7 31.9 71.9
108 73.4 49.7 89.7





#63
Azobenzene
Concen: 42.576 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

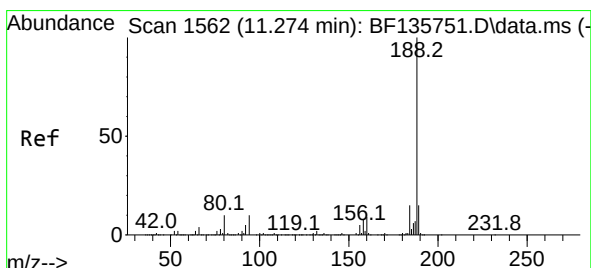
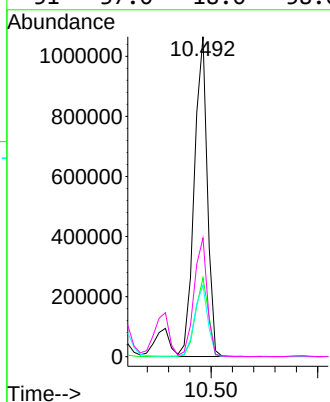
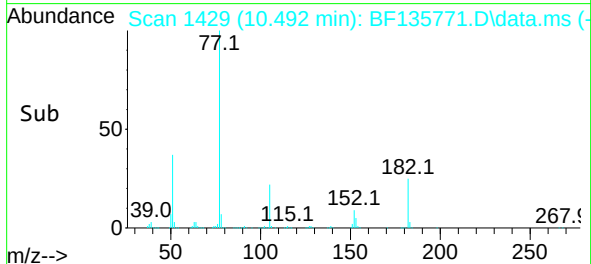
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



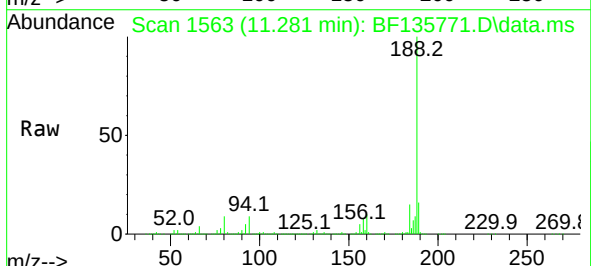
Tgt Ion: 77 Resp: 906450
Ion Ratio Lower Upper
77 100
182 24.7 3.5 43.5
105 22.4 2.2 42.2
51 37.0 18.0 58.0

Manual Integrations
APPROVED

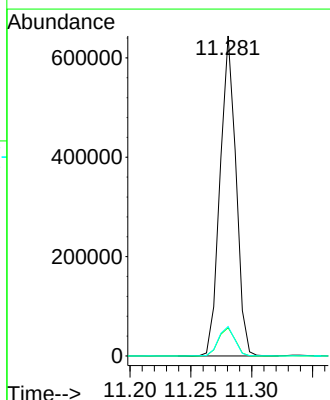
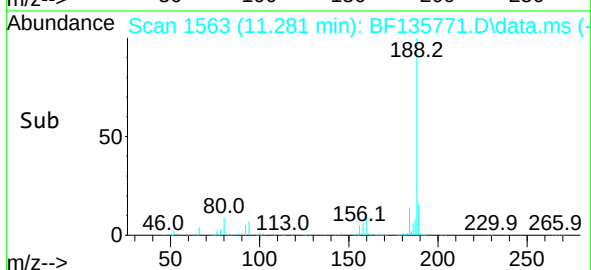
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

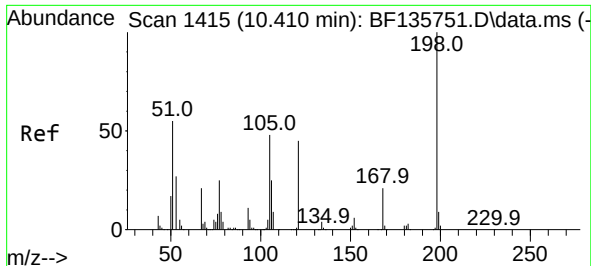


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



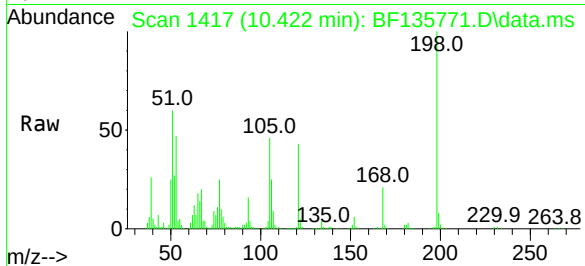
Tgt Ion:188 Resp: 588350
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.2 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 51.109 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

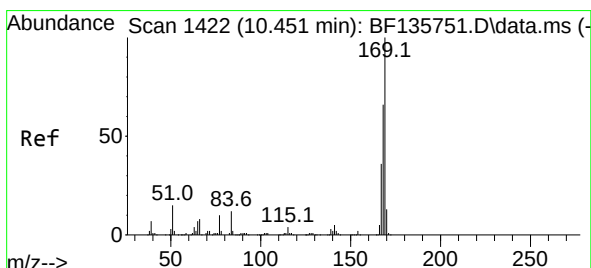
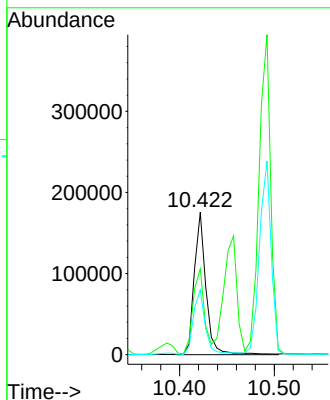
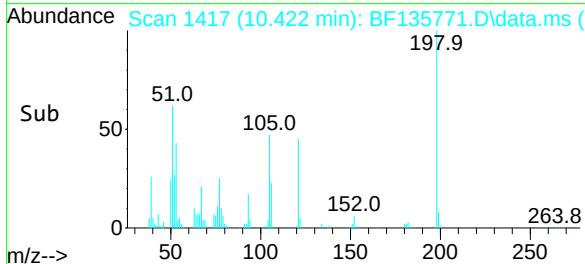
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



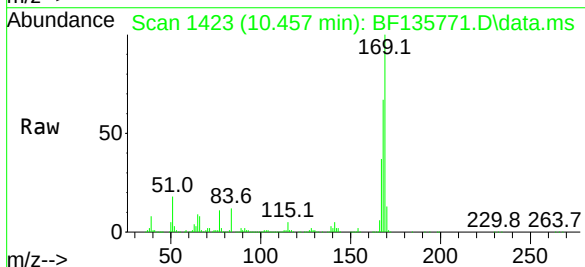
Tgt Ion:198 Resp: 151330
Ion Ratio Lower Upper
198 100
51 60.2 47.6 87.6
105 45.5 29.2 69.2

Manual Integrations
APPROVED

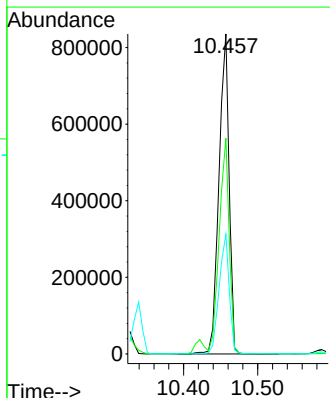
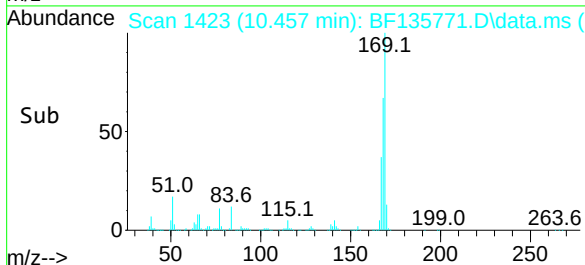
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

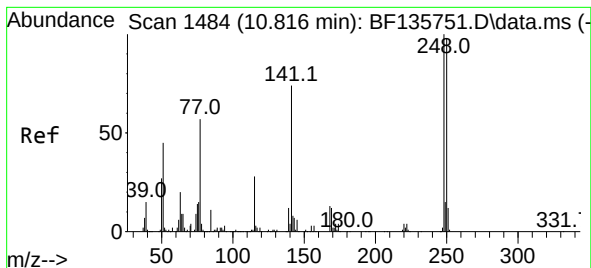


#66
n-Nitrosodiphenylamine
Concen: 44.479 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



Tgt Ion:169 Resp: 797625
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.2
167 37.4 29.2 43.8





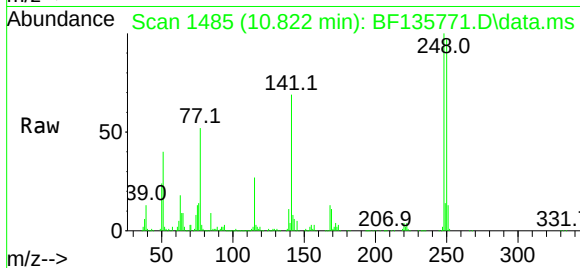
#67
4-Bromophenyl-phenylether
Concen: 42.589 ng
RT: 10.822 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

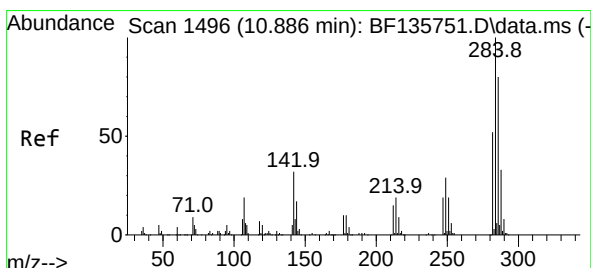
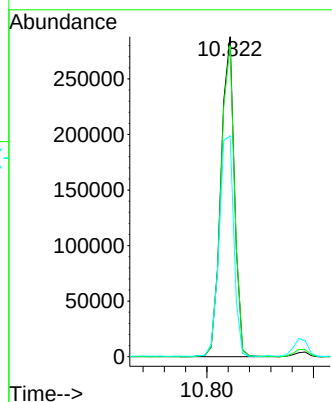
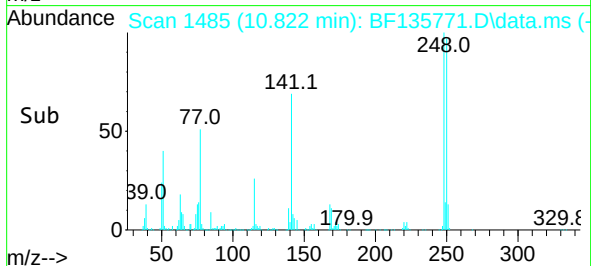


Tgt Ion:248 Resp: 251530
Ion Ratio Lower Upper
248 100
250 97.3 78.0 117.0
141 69.0 59.0 88.6

Manual Integrations

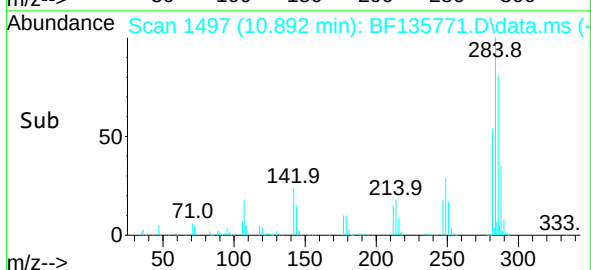
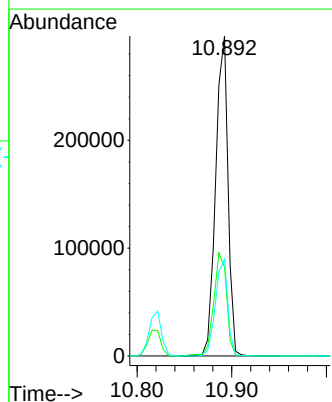
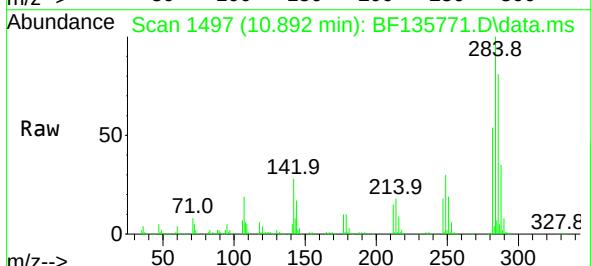
APPROVED

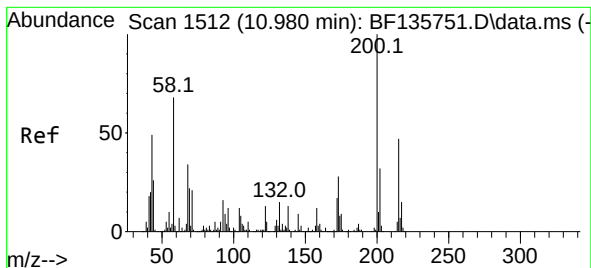
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#68
Hexachlorobenzene
Concen: 44.498 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Tgt Ion:284 Resp: 267567
Ion Ratio Lower Upper
284 100
142 27.8 25.3 37.9
249 30.1 23.5 35.3





#69

Atrazine

Concen: 48.622 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.006 min

Lab File: BF135771.D

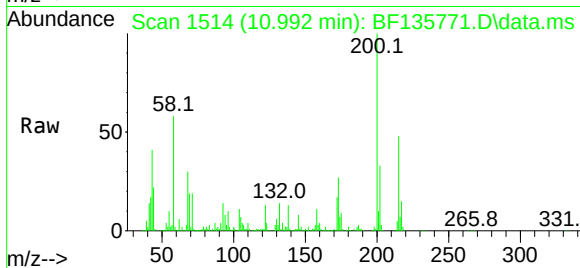
Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD



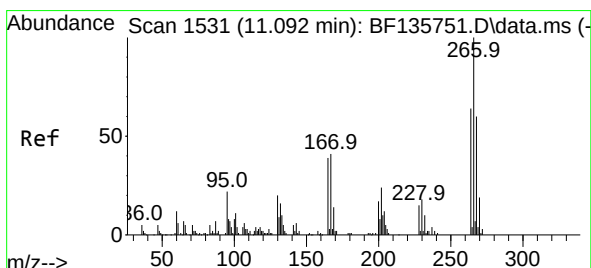
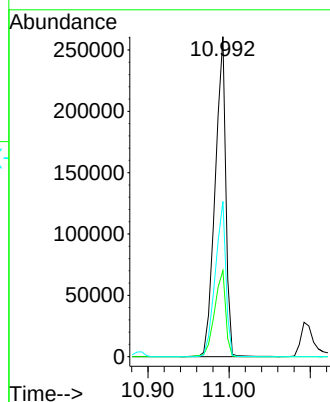
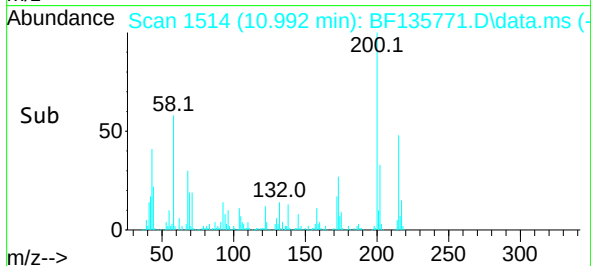
Tgt Ion:	200	Resp:	237164
Ion Ratio	Lower	Upper	
200	100		
173	26.9	7.6	47.6
215	48.5	27.1	67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#70

Pentachlorophenol

Concen: 89.005 ng

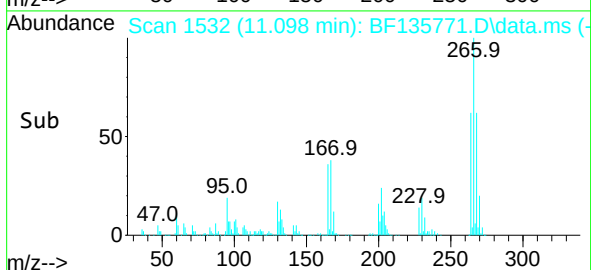
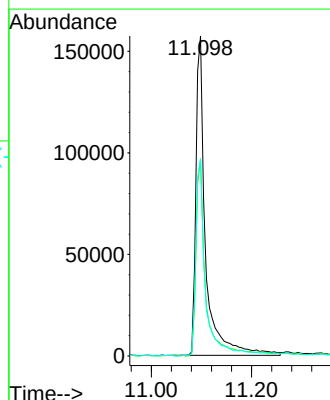
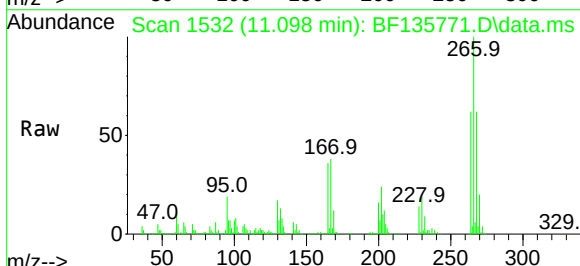
RT: 11.098 min Scan# 1532

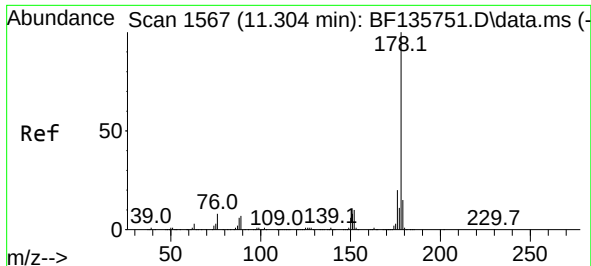
Delta R.T. 0.006 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

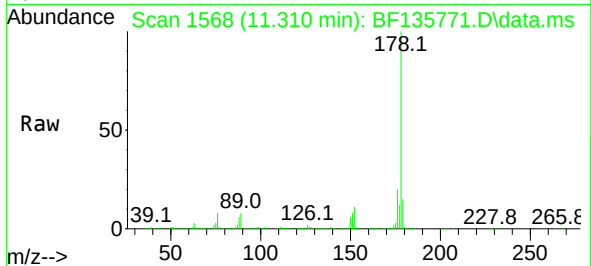
Tgt Ion:	266	Resp:	211079
Ion Ratio	Lower	Upper	
266	100		
268	61.7	47.7	71.5
264	61.7	51.4	77.2





#71
Phenanthrene
Concen: 40.907 ng
RT: 11.310 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

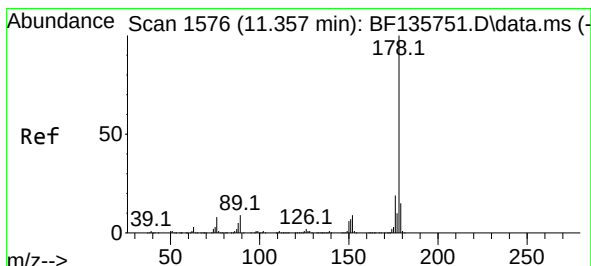
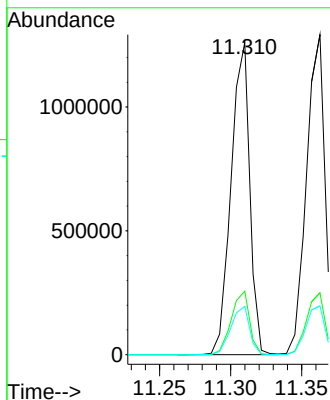
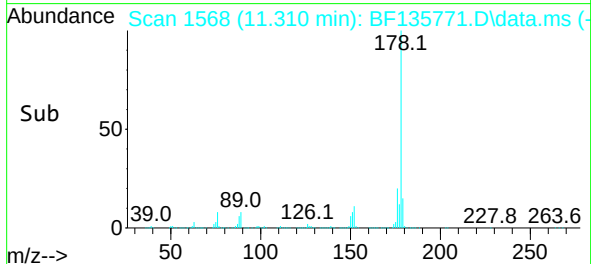
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



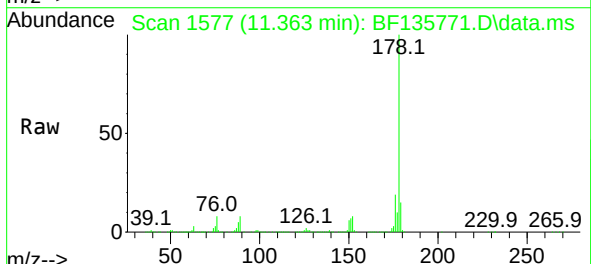
Tgt Ion:178 Resp: 1152950
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 15.5 12.2 18.4

Manual Integrations
APPROVED

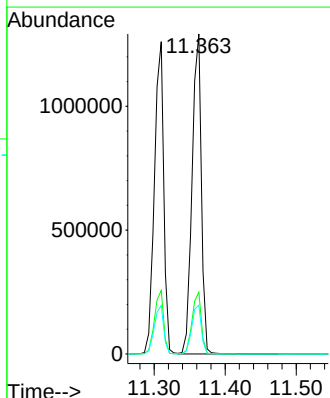
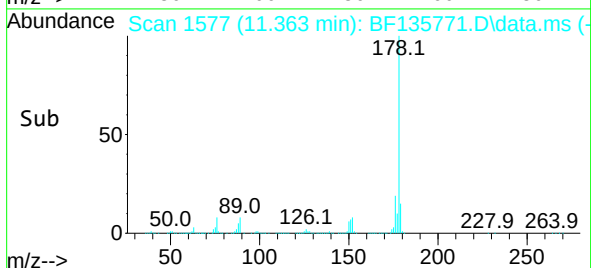
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

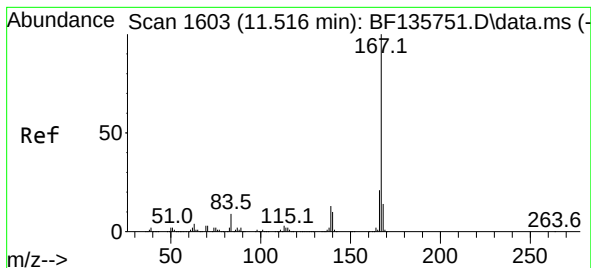


#72
Anthracene
Concen: 40.255 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



Tgt Ion:178 Resp: 1175685
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.3 12.3 18.5





#73

Carbazole

Concen: 41.230 ng

RT: 11.522 min Scan# 1604

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

Tgt Ion:167 Resp: 112305

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

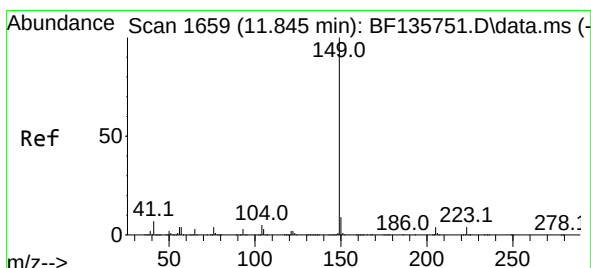
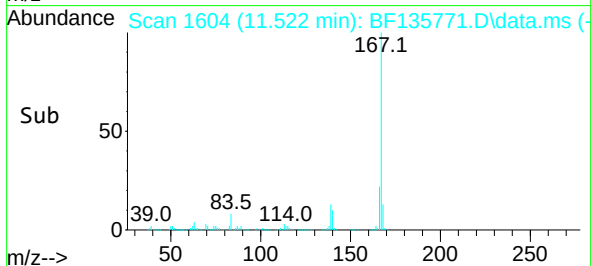
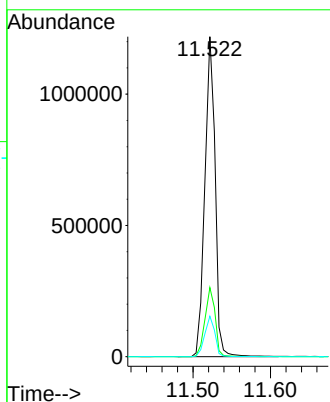
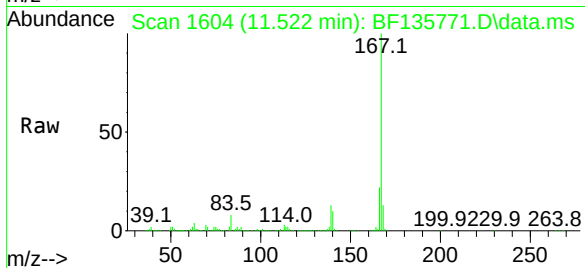
139 12.7 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#74

Di-n-butylphthalate

Concen: 40.705 ng

RT: 11.845 min Scan# 1659

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

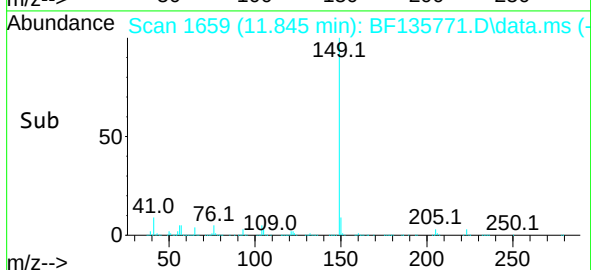
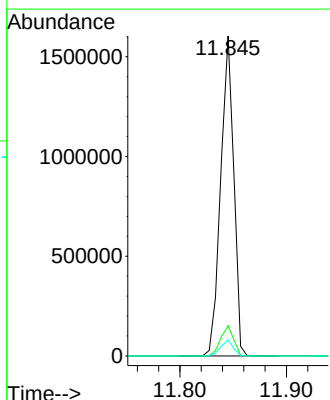
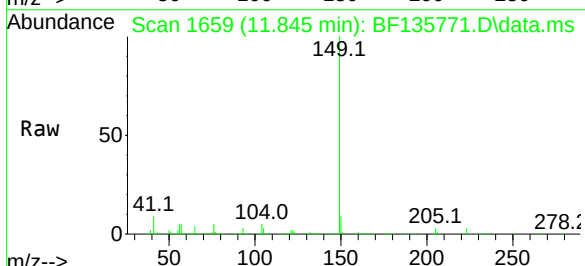
Tgt Ion:149 Resp: 1361278

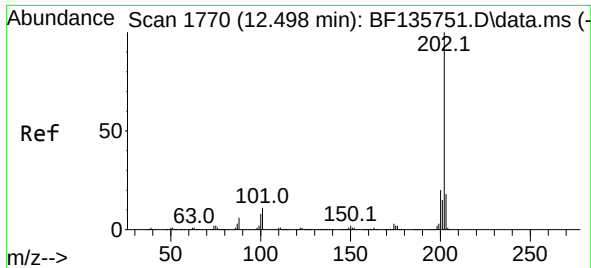
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

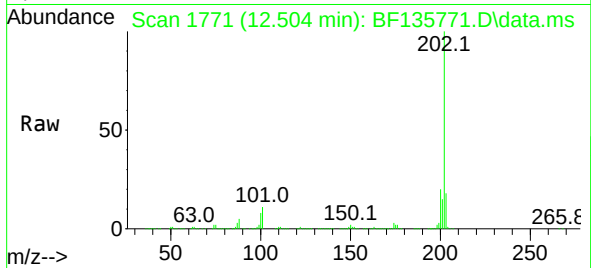
104 5.0 3.7 5.5





#75
Fluoranthene
Concen: 39.700 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

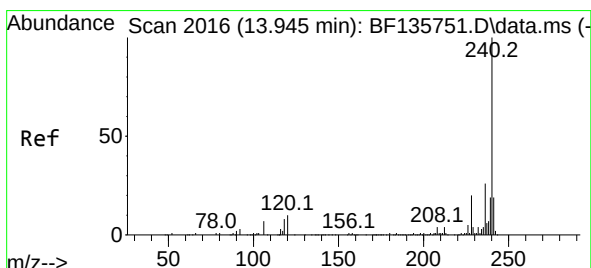
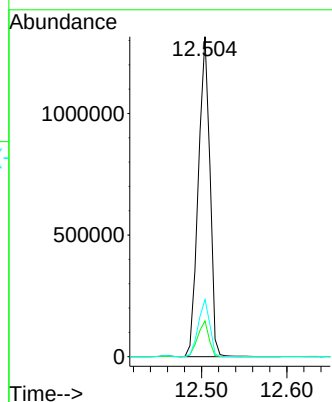
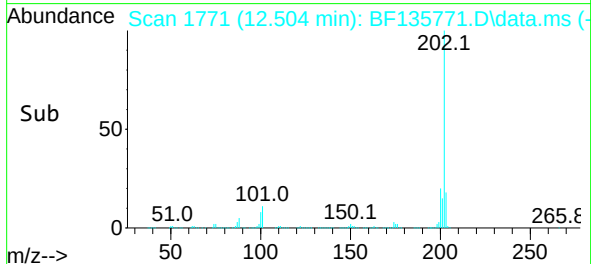
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



Tgt Ion:202 Resp: 1241880
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 17.9 0.0 38.3

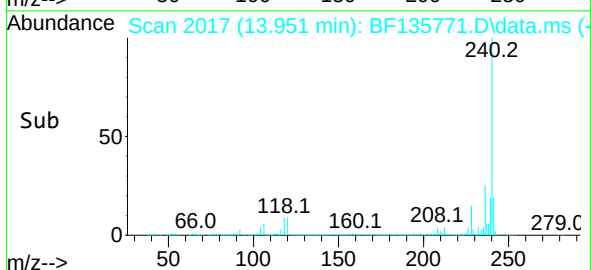
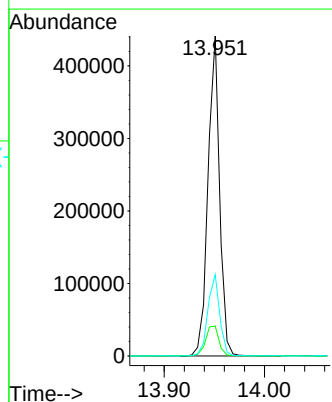
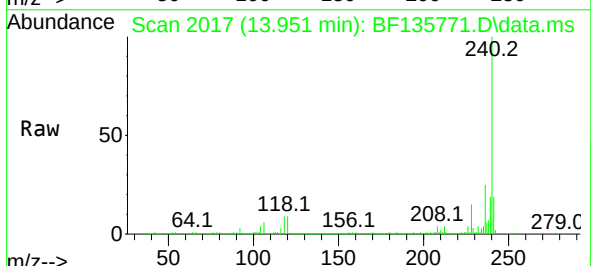
Manual Integrations
APPROVED

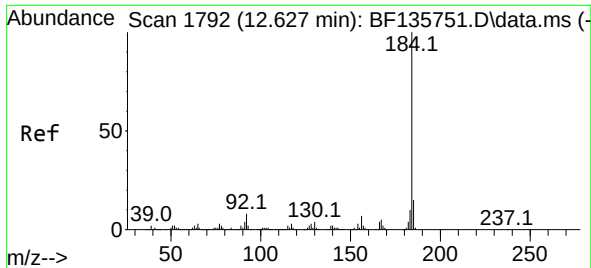
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Tgt Ion:240 Resp: 356864
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 25.4 21.2 31.8





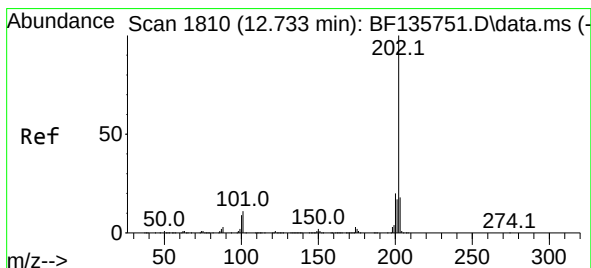
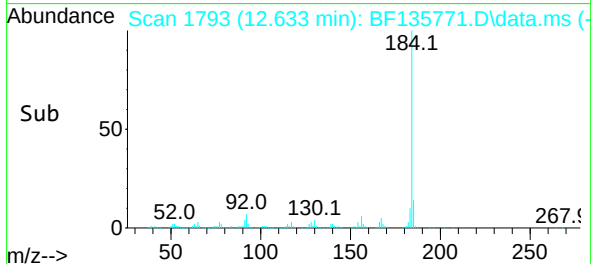
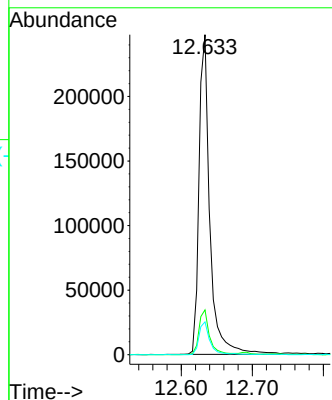
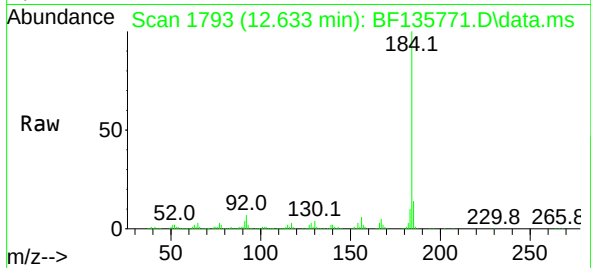
#77
Benzidine
Concen: 33.871 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :
BNA_F
ClientSampleId :
PB156184BSD

Tgt Ion:184 Resp: 26375
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 10.3 8.2 12.2

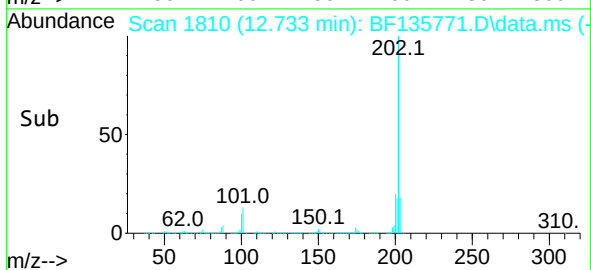
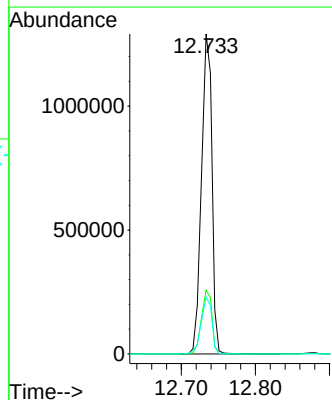
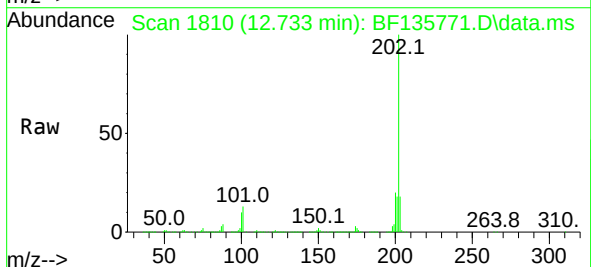
Manual Integrations
APPROVED

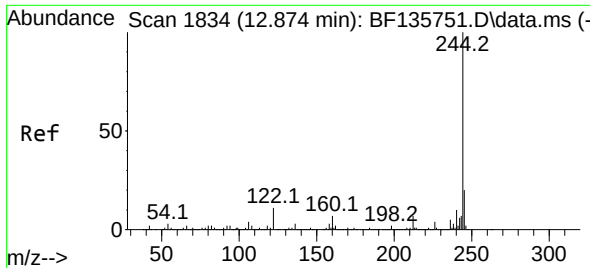
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#78
Pyrene
Concen: 44.608 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Tgt Ion:202 Resp: 1265019
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.7 14.2 21.2





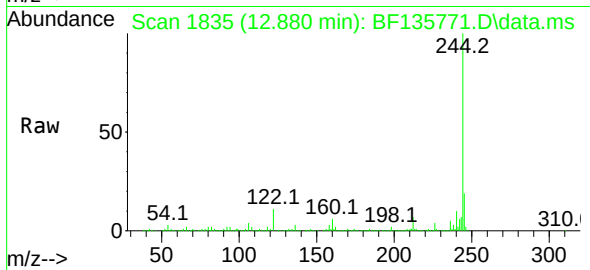
#79
 Terphenyl-d14
 Concen: 82.511 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF135771.D
 Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD



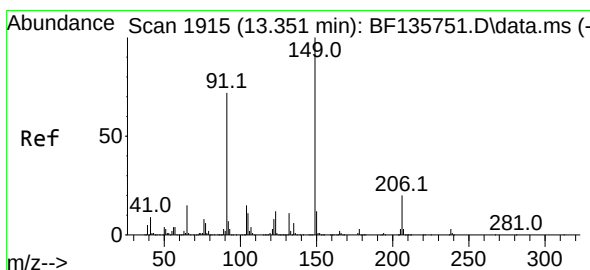
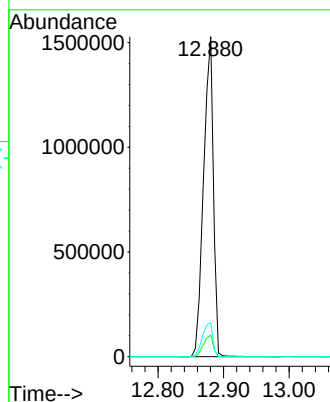
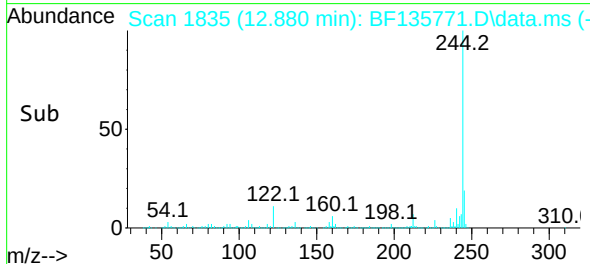
Tgt Ion:244 Resp: 158998
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.6 9.0 13.6

Manual Integrations

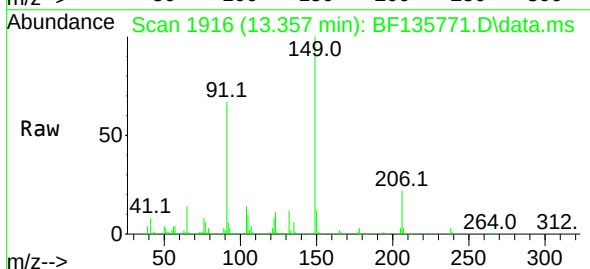
APPROVED

Reviewed By :Yogesh Patel 10/17/2023

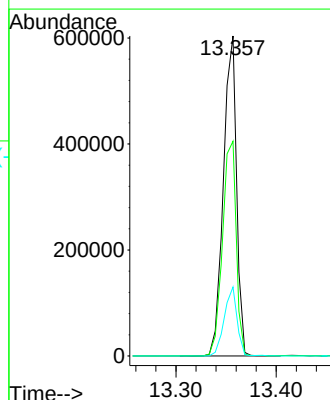
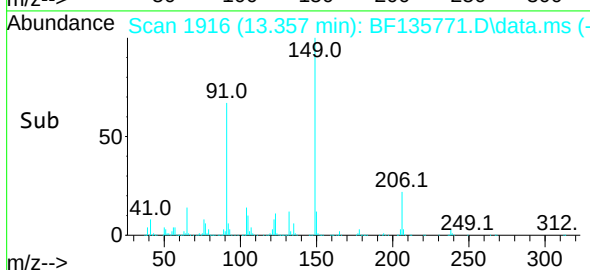
Supervised By :mohammad ahmed 10/17/2023

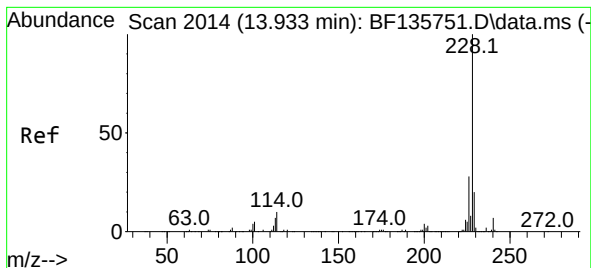


#80
 Butylbenzylphthalate
 Concen: 44.110 ng
 RT: 13.357 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF135771.D
 Acq: 16 Oct 2023 12:07



Tgt Ion:149 Resp: 549683
 Ion Ratio Lower Upper
 149 100
 91 67.1 57.4 86.0
 206 21.5 16.2 24.4





#81

Benzo(a)anthracene

Concen: 43.311 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF135771.D

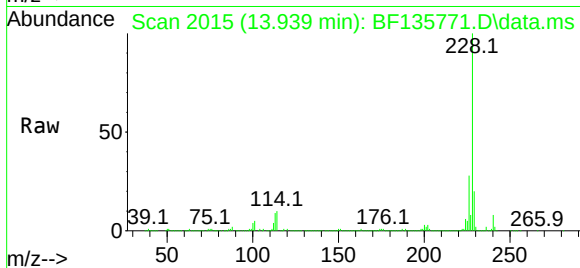
Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD



Tgt Ion:228 Resp: 1015209

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

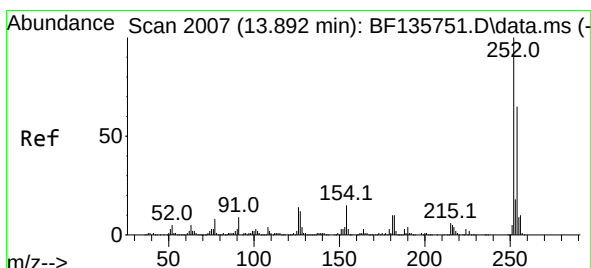
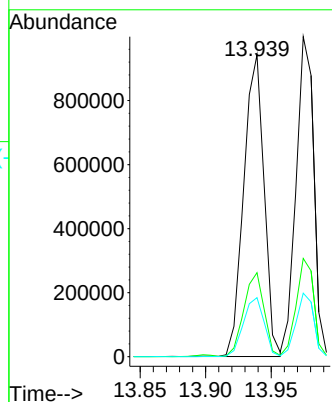
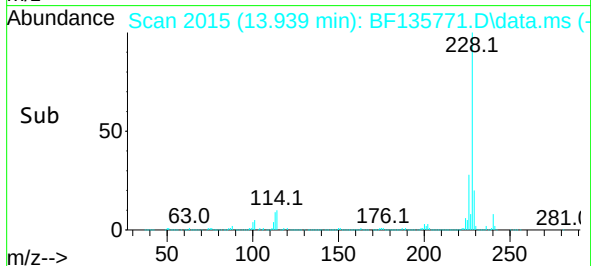
229 19.6 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#82

3,3'-Dichlorobenzidine

Concen: 36.508 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

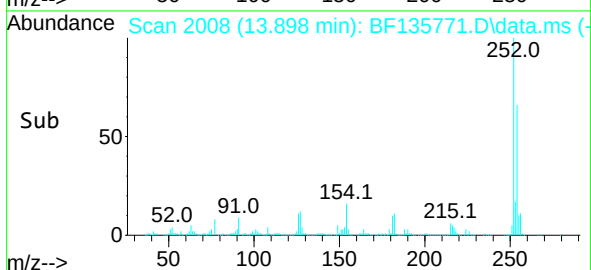
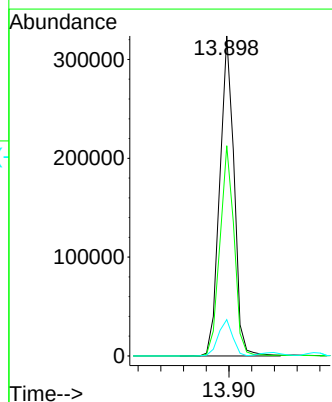
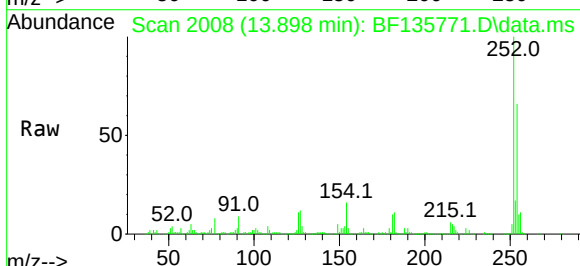
Tgt Ion:252 Resp: 283813

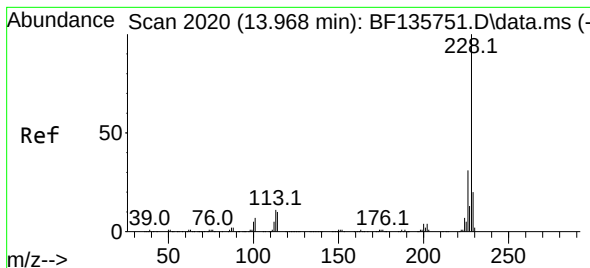
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.6

126 11.4 11.0 16.4





#83

Chrysene

Concen: 41.423 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

Tgt Ion:228 Resp: 940460

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

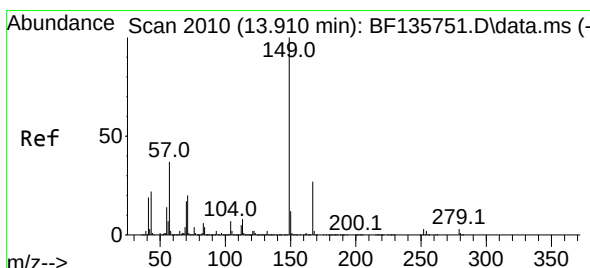
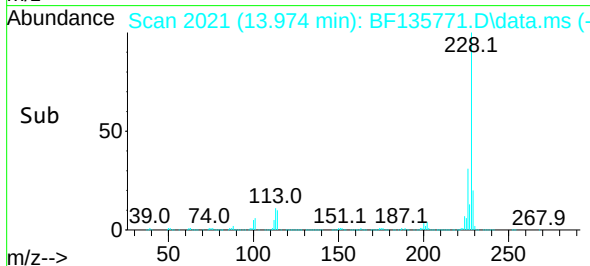
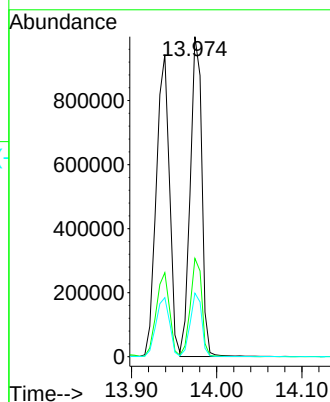
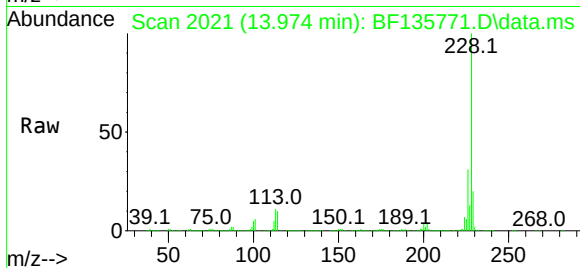
229 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.446 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF135771.D

Acq: 16 Oct 2023 12:07

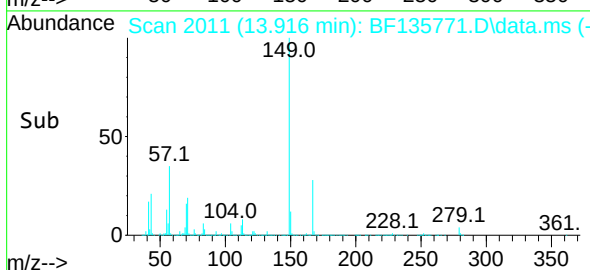
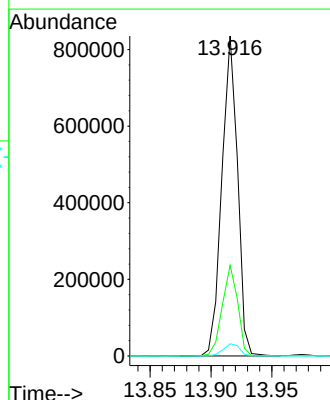
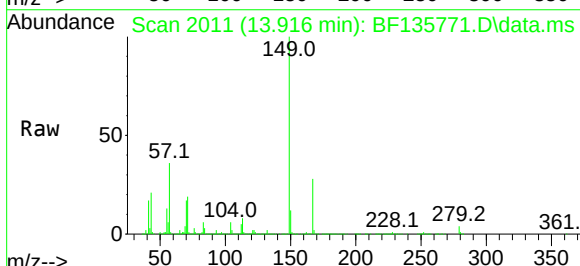
Tgt Ion:149 Resp: 750678

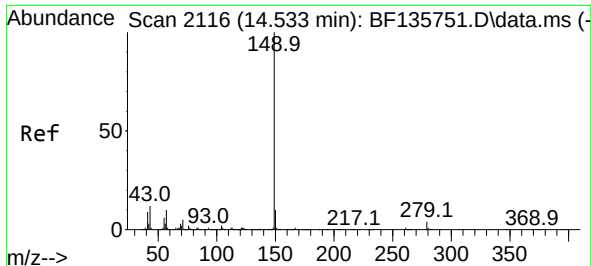
Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

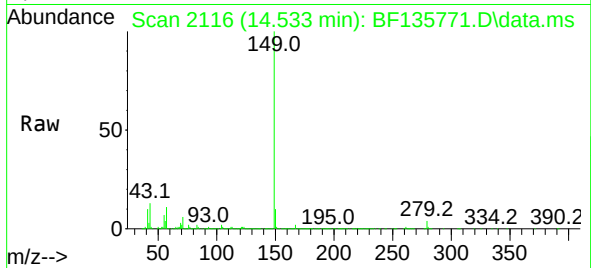
279 3.8 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 44.144 ng
RT: 14.533 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

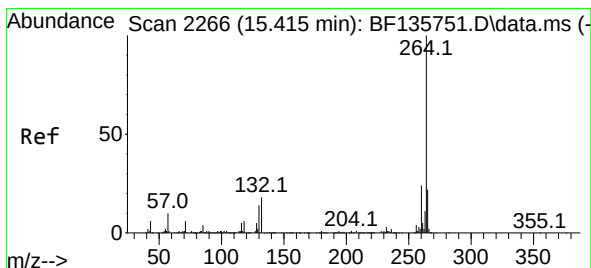
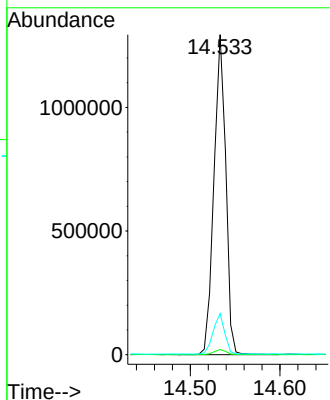
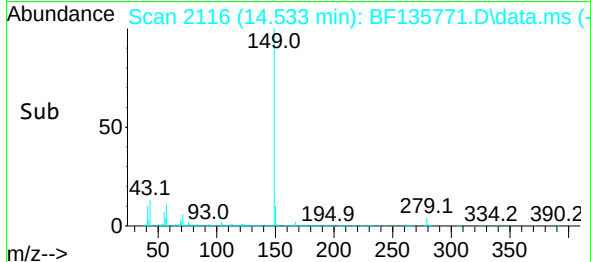
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



Tgt Ion:149 Resp: 1182263
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.4 10.1 15.1

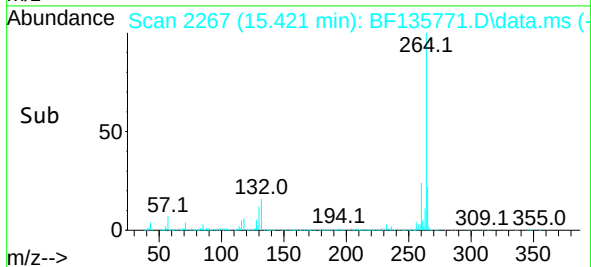
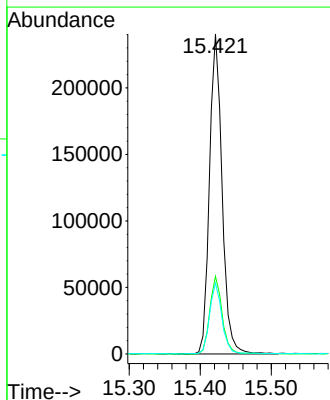
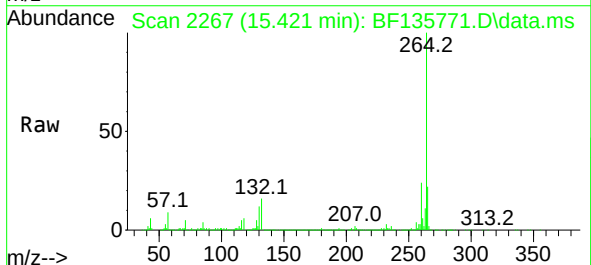
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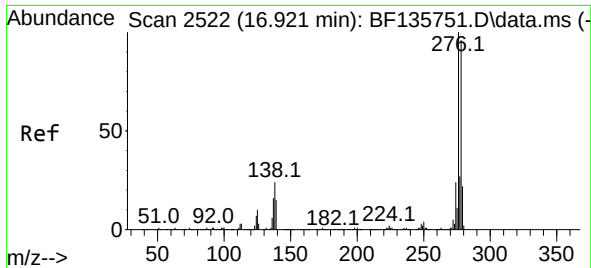
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

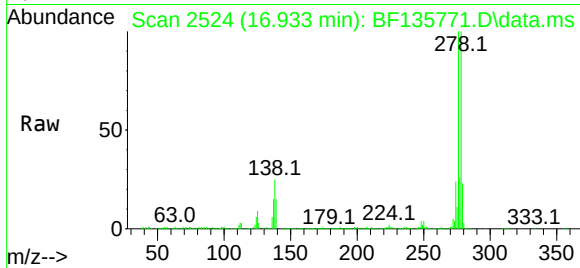
Tgt Ion:264 Resp: 296683
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.2 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.399 ng
 RT: 16.933 min Scan# 2193
 Delta R.T. -0.000 min
 Lab File: BF135771.D
 Acq: 16 Oct 2023 12:07

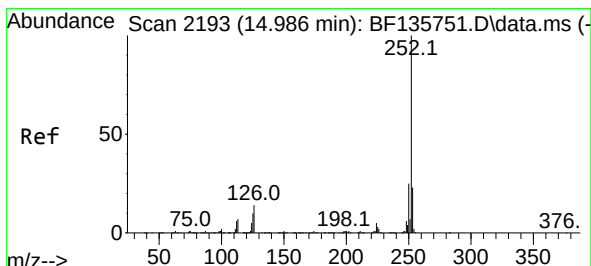
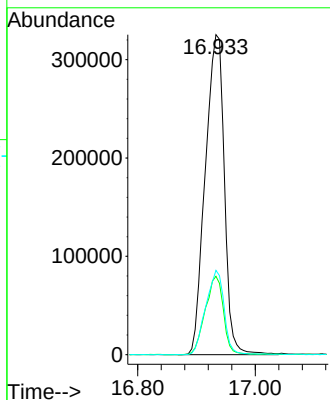
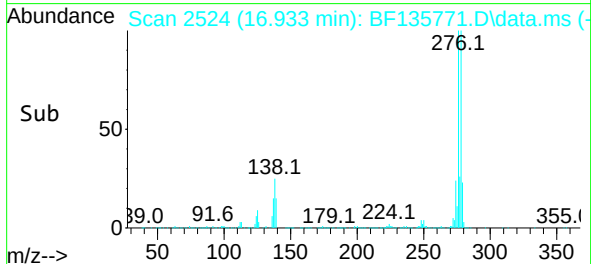
Instrument :
 BNA_F
 ClientSampleId :
 PB156184BSD



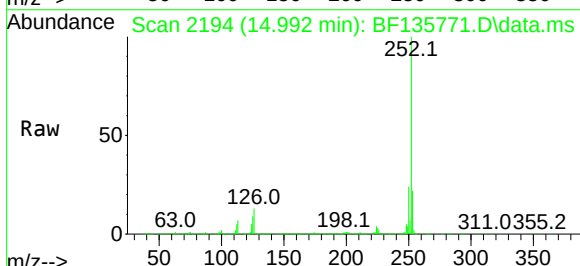
Tgt Ion:276 Resp: 73390
 Ion Ratio Lower Upper
 276 100
 138 23.4 19.8 29.6
 277 25.5 20.2 30.4

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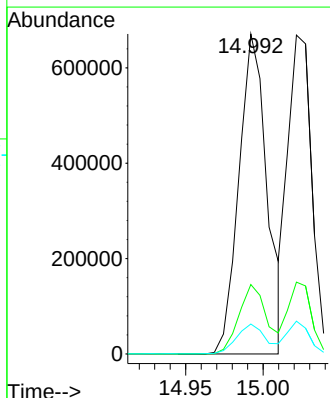
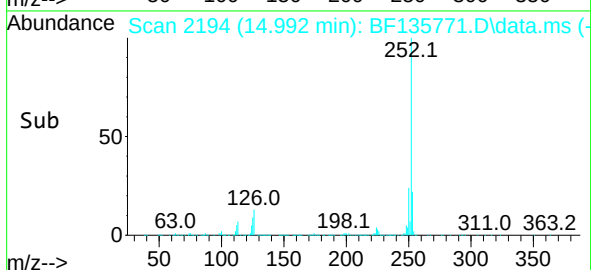
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

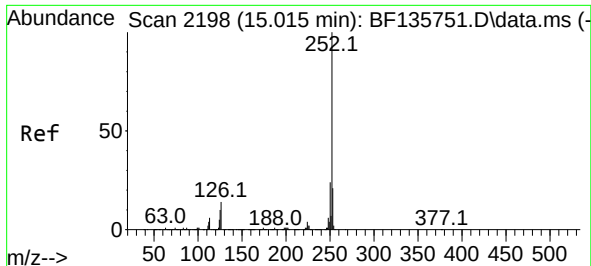


#88
 Benzo(b)fluoranthene
 Concen: 51.073 ng
 RT: 14.992 min Scan# 2194
 Delta R.T. -0.000 min
 Lab File: BF135771.D
 Acq: 16 Oct 2023 12:07



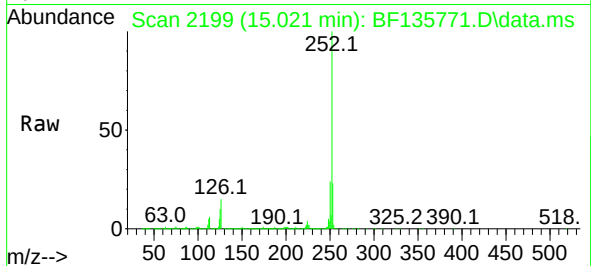
Tgt Ion:252 Resp: 848038
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.2 27.2
 125 9.4 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 45.170 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

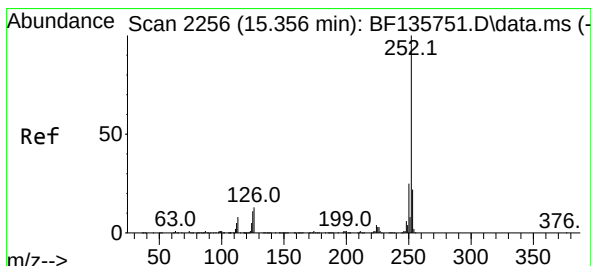
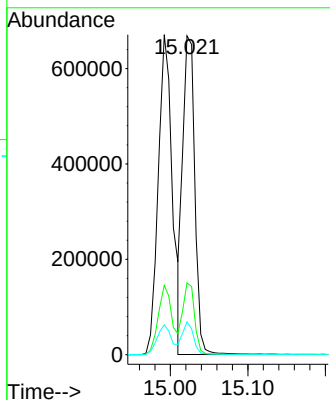
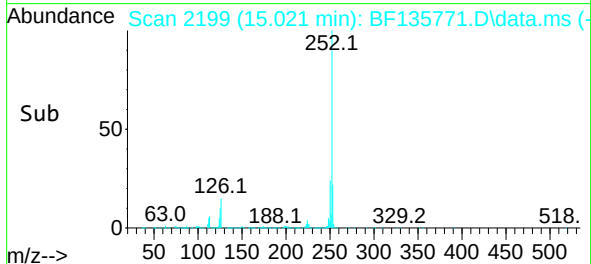
Instrument :
BNA_F
ClientSampleId :
PB156184BSD



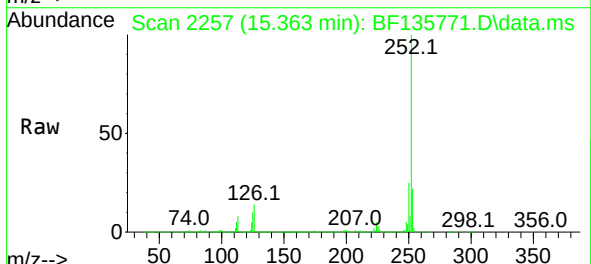
Tgt Ion:252 Resp: 728158
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.3 8.3 12.5

Manual Integrations
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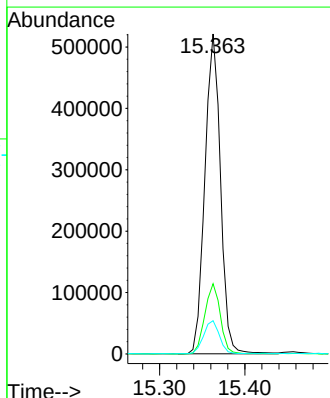
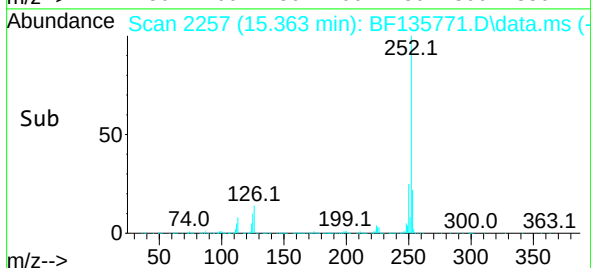
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

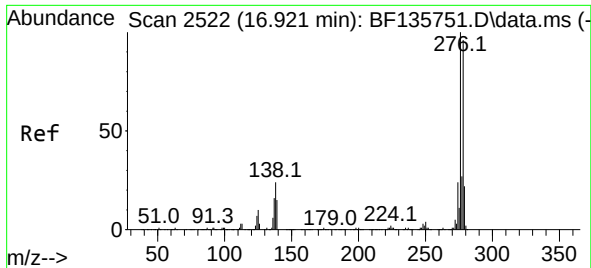


#90
Benzo(a)pyrene
Concen: 42.441 ng
RT: 15.363 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



Tgt Ion:252 Resp: 662657
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.4 8.8 13.2





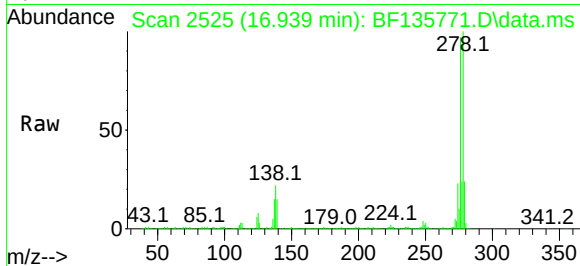
#91
Dibenzo(a,h)anthracene
Concen: 46.135 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07

Instrument :

BNA_F

ClientSampleId :

PB156184BSD

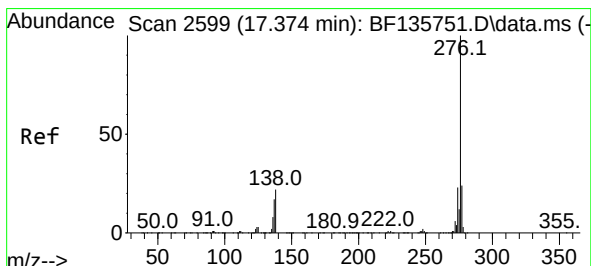
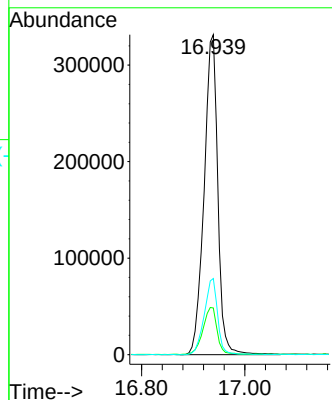
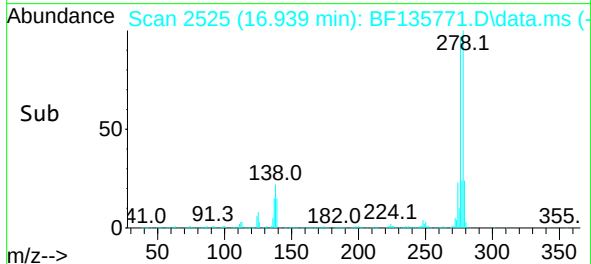


Tgt Ion:278 Resp: 611384
Ion Ratio Lower Upper
278 100
139 14.6 12.5 18.7
279 23.8 18.6 27.8

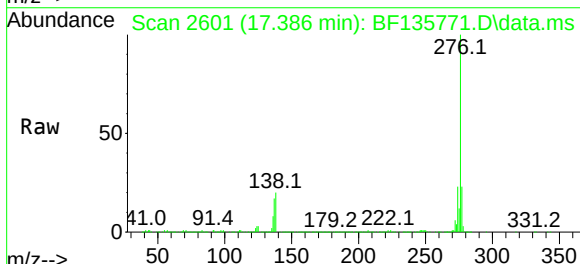
Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#92
Benzo(g,h,i)perylene
Concen: 45.556 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.000 min
Lab File: BF135771.D
Acq: 16 Oct 2023 12:07



Tgt Ion:276 Resp: 620134
Ion Ratio Lower Upper
276 100
277 23.0 19.4 29.2
138 20.0 17.3 25.9

