

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135446.D
 Acq On : 26 Sep 2023 11:44
 Operator : CG\JU
 Sample : PB155707BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155707BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 02:08:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	179022	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	710493	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	346659	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	636366	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	320370	20.000	ng	0.00
86) Perylene-d12	15.410	264	318112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1261544	114.614	ng	0.02
7) Phenol-d6	6.410	99	1574769	112.516	ng	0.00
23) Nitrobenzene-d5	7.322	82	1007541	77.044	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	340120	98.730	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1638291	71.301	ng	0.00
79) Terphenyl-d14	12.880	244	1522957	73.692	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	193734	40.150	ng	92
3) Pyridine	3.322	79	489976	37.730	ng	94
4) n-Nitrosodimethylamine	3.281	42	306779	44.516	ng	92
6) Aniline	6.422	93	505412	27.538	ng	# 20
8) 2-Chlorophenol	6.545	128	523168	44.525	ng	97
9) Benzaldehyde	6.310	77	168252	21.102	ng	97
10) Phenol	6.422	94	594779	38.755	ng	82
11) bis(2-Chloroethyl)ether	6.498	93	511180	44.404	ng	100
12) 1,3-Dichlorobenzene	6.693	146	499766	41.852	ng	99
13) 1,4-Dichlorobenzene	6.775	146	515320	42.416	ng	98
14) 1,2-Dichlorobenzene	6.922	146	482714	42.785	ng	97
15) Benzyl Alcohol	6.904	79	419564	41.775	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	927699	42.753	ng	88
17) 2-Methylphenol	7.022	107	417399	40.255	ng	94
18) Hexachloroethane	7.257	117	195970	43.655	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	330505	38.125	ng	97
20) 3+4-Methylphenols	7.175	107	481741	38.638	ng	# 84
22) Acetophenone	7.169	105	646281	39.787	ng	96
24) Nitrobenzene	7.340	77	536360	41.495	ng	98
25) Isophorone	7.581	82	1002675	41.754	ng	98
26) 2-Nitrophenol	7.657	139	276599	44.586	ng	94
27) 2,4-Dimethylphenol	7.698	122	437385	41.945	ng	95
28) bis(2-Chloroethoxy)met...	7.792	93	629101	43.770	ng	99
29) 2,4-Dichlorophenol	7.904	162	403063	41.715	ng	98
30) 1,2,4-Trichlorobenzene	7.975	180	419811	41.568	ng	99
31) Naphthalene	8.057	128	1420425	41.147	ng	99
32) Benzoic acid	7.845	122	323002	41.136	ng	98
33) 4-Chloroaniline	8.110	127	401554	26.513	ng	99
34) Hexachlorobutadiene	8.169	225	231932	38.086	ng	99
35) Caprolactam	8.487	113	133310m	41.109	ng	
36) 4-Chloro-3-methylphenol	8.604	107	449517	41.858	ng	98
37) 2-Methylnaphthalene	8.751	142	882876	38.047	ng	98
38) 1-Methylnaphthalene	8.851	142	842830	38.795	ng	98
40) 1,2,4,5-Tetrachloroben...	8.916	216	409307	40.755	ng	99
41) Hexachlorocyclopentadiene	8.898	237	228629	54.280	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	274979	41.818	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	298015	39.355	ng	97
46) 1,1'-Biphenyl	9.216	154	1082440	40.632	ng	98
47) 2-Chloronaphthalene	9.239	162	816593	42.247	ng	98
48) 2-Nitroaniline	9.345	65	327512	43.614	ng	98
49) Acenaphthylene	9.657	152	1302038	40.532	ng	100
50) Dimethylphthalate	9.522	163	956850	40.825	ng	100
51) 2,6-Dinitrotoluene	9.592	165	215309	41.934	ng	85
52) Acenaphthene	9.828	154	778079	41.002	ng	98
53) 3-Nitroaniline	9.763	138	201085	33.364	ng	89
54) 2,4-Dinitrophenol	9.881	184	207769	71.962	ng	92
55) Dibenzofuran	10.004	168	1095478	37.830	ng	99
56) 4-Nitrophenol	9.939	139	290833	75.927	ng	97
57) 2,4-Dinitrotoluene	9.998	165	243860	37.938	ng	# 82
58) Fluorene	10.345	166	873728	39.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	242868	41.693	ng	99
60) Diethylphthalate	10.222	149	928263	39.464	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	394968	36.934	ng	95
62) 4-Nitroaniline	10.381	138	249571	43.079	ng	96
63) Azobenzene	10.498	77	968629	42.077	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	143771	42.537	ng	87
66) n-Nitrosodiphenylamine	10.463	169	804579	41.762	ng	100
67) 4-Bromophenyl-phenylether	10.828	248	255897	40.432	ng	94
68) Hexachlorobenzene	10.898	284	271540	42.113	ng	96
69) Atrazine	10.992	200	243091	46.894	ng	98
70) Pentachlorophenol	11.098	266	223745	57.998	ng	98
71) Phenanthrene	11.316	178	1252281	41.608	ng	100
72) Anthracene	11.363	178	1289179	41.671	ng	99
73) Carbazole	11.528	167	1238399	43.973	ng	99
74) Di-n-butylphthalate	11.857	149	1419513	42.775	ng	99
75) Fluoranthene	12.510	202	1292419	41.211	ng	99
77) Benzidine	12.633	184	304020	46.321	ng	100
78) Pyrene	12.739	202	1320136	43.281	ng	99
80) Butylbenzylphthalate	13.363	149	509174	47.413	ng	98
81) Benzo(a)anthracene	13.933	228	879700	42.524	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	239543	37.071	ng	# 99
83) Chrysene	13.969	228	854833	41.562	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	578765	52.518	ng	100
85) Di-n-octyl phthalate	14.539	149	868711	49.603	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	951261	45.608	ng	96
88) Benzo(b)fluoranthene	14.986	252	748470m	43.464	ng	
89) Benzo(k)fluoranthene	15.016	252	696432	40.940	ng	98
90) Benzo(a)pyrene	15.351	252	686075	41.778	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	757705	44.399	ng	99
92) Benzo(g,h,i)perylene	17.345	276	807063	45.282	ng	97

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

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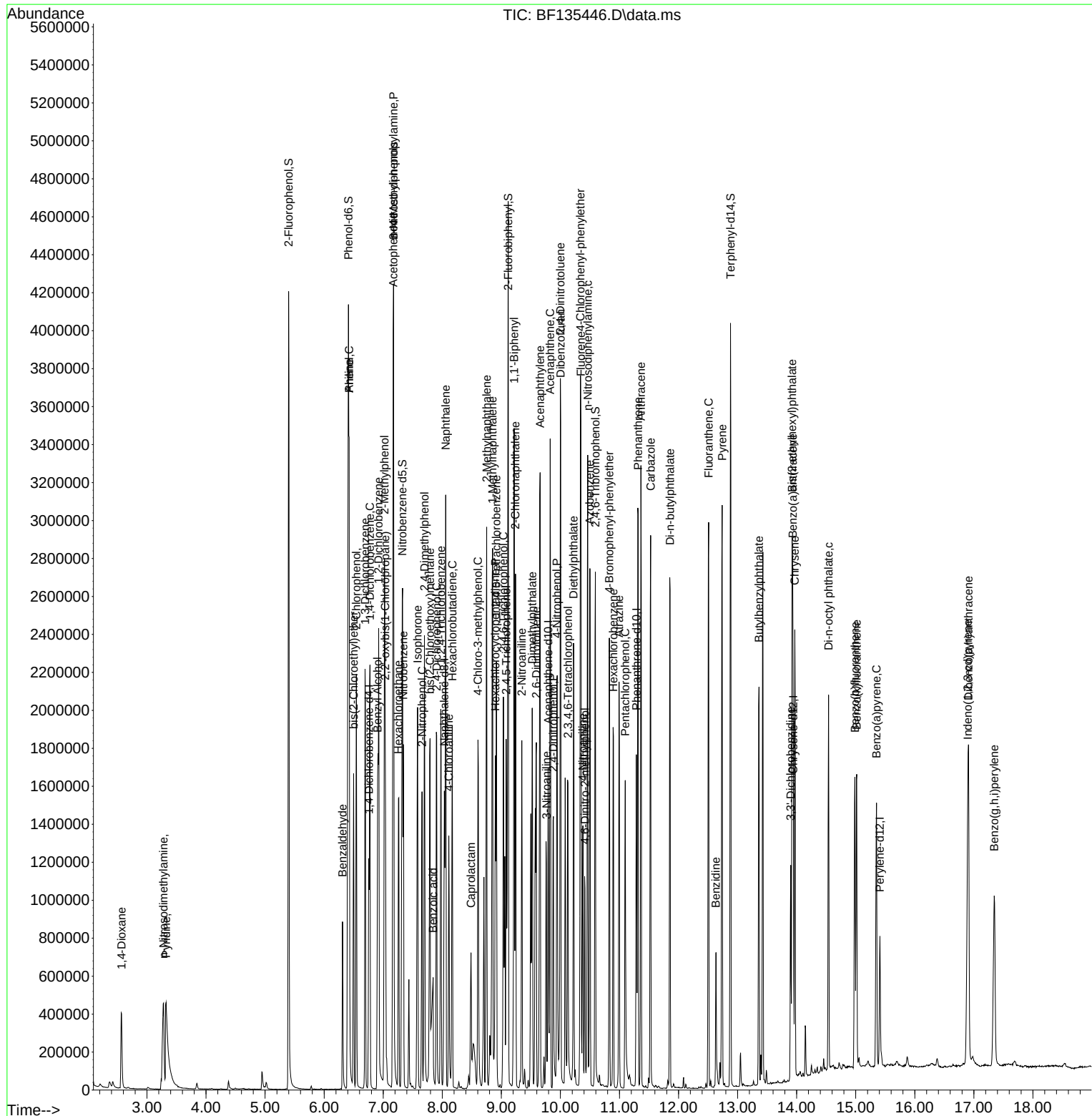
Quant Time: Sep 27 02:08:59 2023

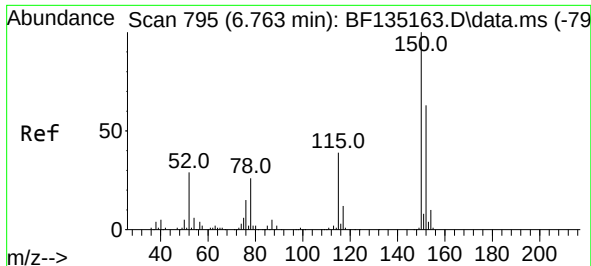
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QLast Update : Tue Sep 26 01:36:36 2023

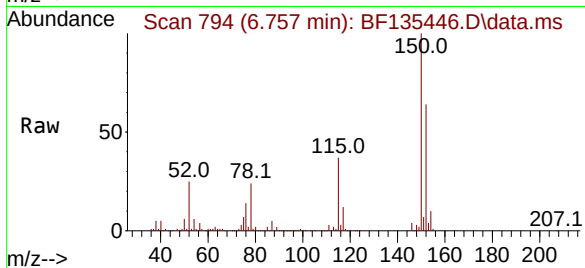
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

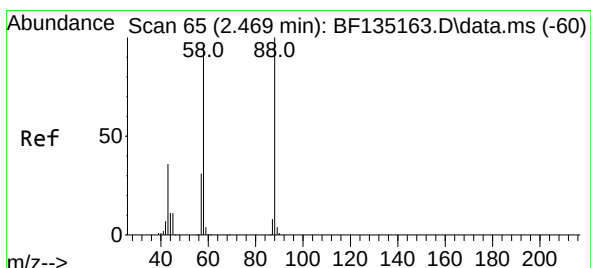
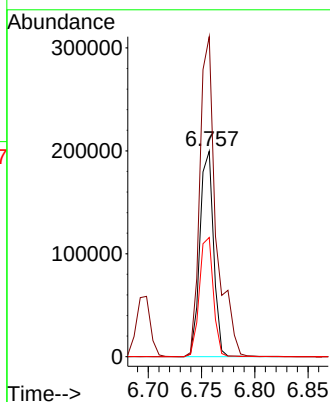
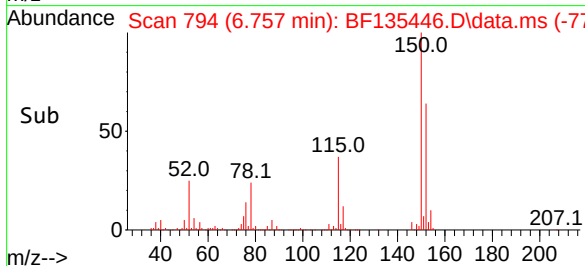
Instrument :
BNA_F
ClientSampleId :
PB155707BS



Tgt Ion:152 Resp: 17902
Ion Ratio Lower Upper
152 100
150 155.7 127.8 191.6
115 58.0 49.8 74.8

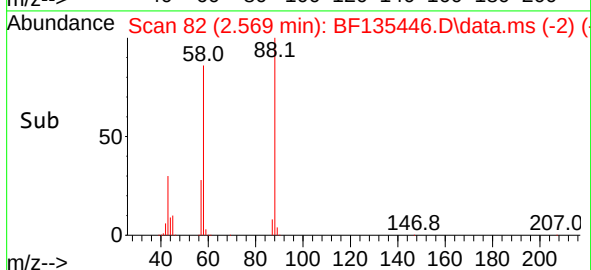
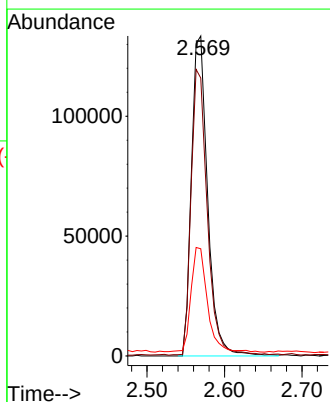
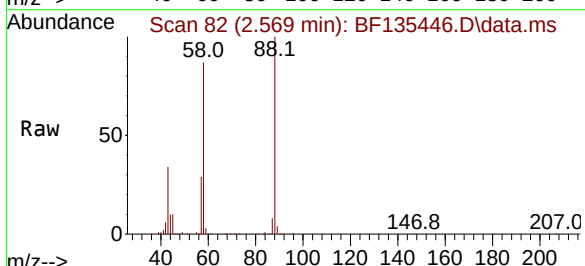
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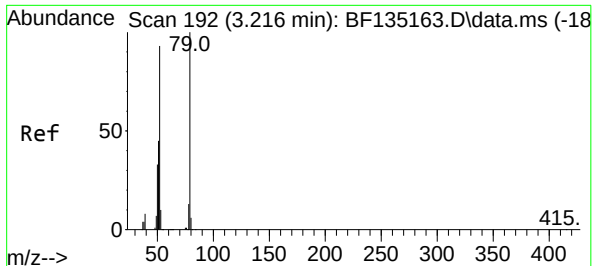
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#2
1,4-Dioxane
Concen: 40.150 ng
RT: 2.569 min Scan# 82
Delta R.T. 0.118 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

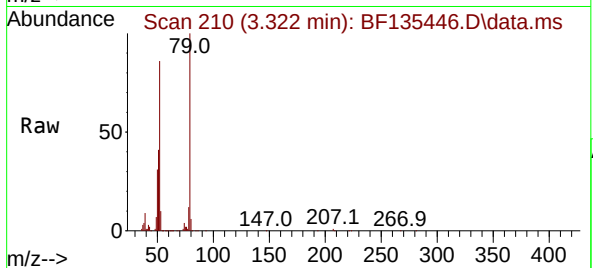
Tgt Ion: 88 Resp: 193734
Ion Ratio Lower Upper
88 100
58 89.1 78.3 117.5
43 33.3 29.4 44.0





#3
Pyridine
Concen: 37.730 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.124 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

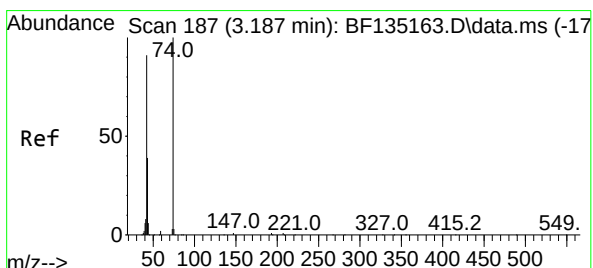
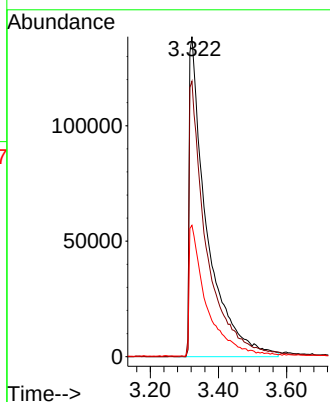
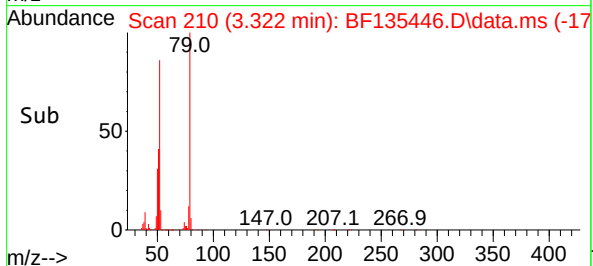
Instrument :
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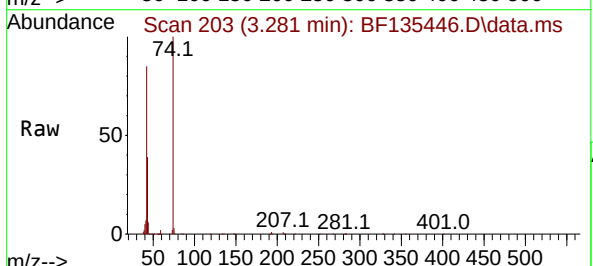
Tgt Ion: 79 Resp: 489970
Ion Ratio Lower Upper
79 100
52 86.1 74.1 111.1
51 41.1 35.8 53.8

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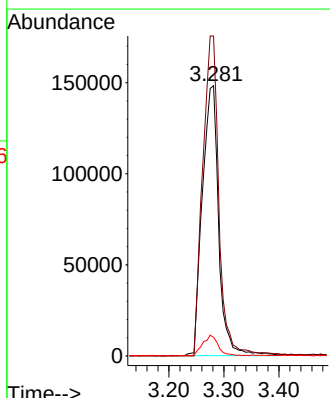
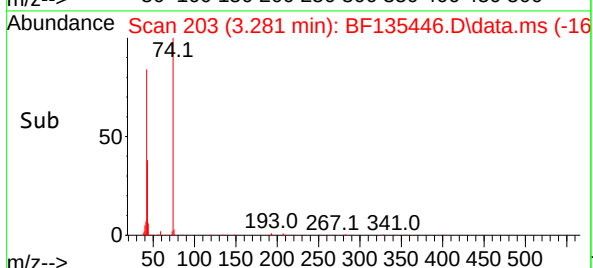
Reviewed By :Yogesh Patel 09/27/2023
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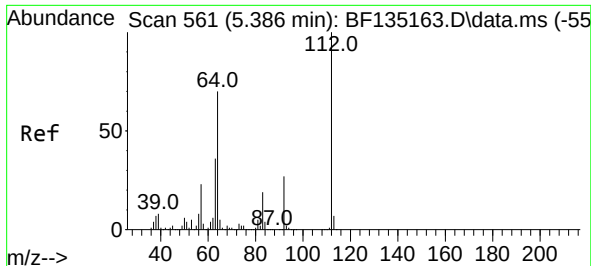


#4
n-Nitrosodimethylamine
Concen: 44.516 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.112 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



Tgt Ion: 42 Resp: 306779
Ion Ratio Lower Upper
42 100
74 118.3 87.7 131.5
44 6.8 5.6 8.4





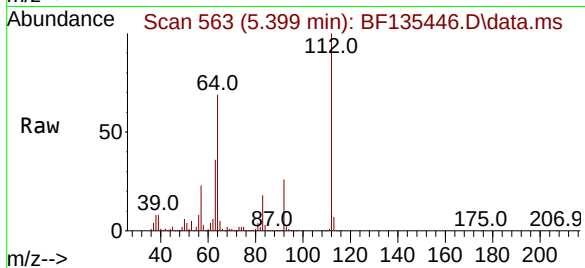
#5
2-Fluorophenol
Concen: 114.614 ng
RT: 5.399 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

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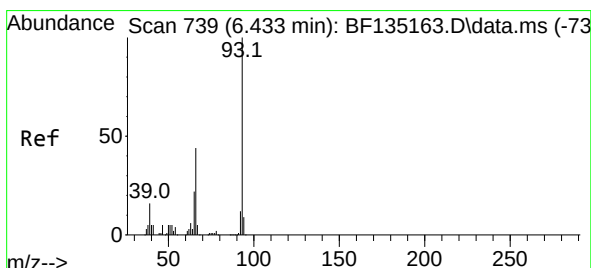
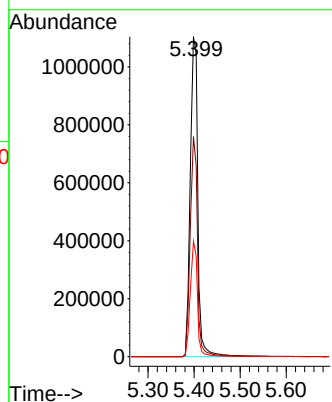
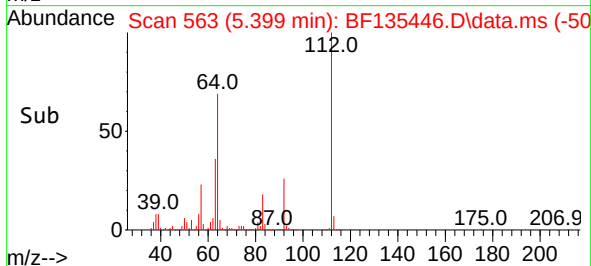
Tgt Ion:112 Resp: 1261544
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 36.1 29.0 43.6

Manual Integrations

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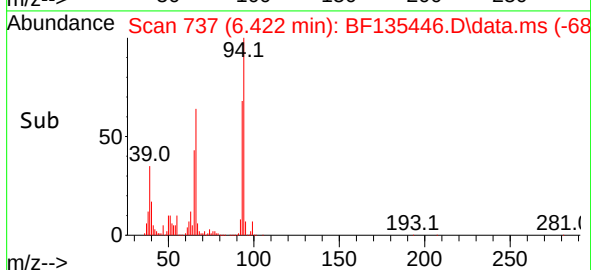
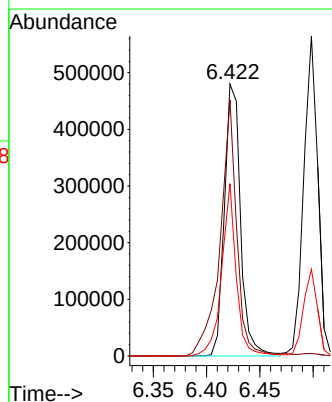
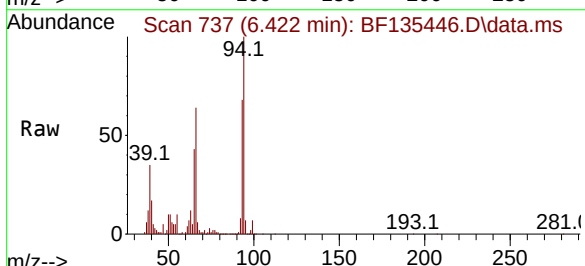
Reviewed By :Yogesh Patel 09/27/2023

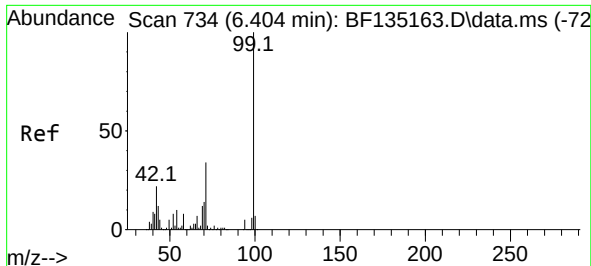
Supervised By :mohammad ahmed 09/29/2023



#6
Aniline
Concen: 27.538 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion: 93 Resp: 505412
Ion Ratio Lower Upper
93 100
66 94.2 35.4 53.0#
65 63.4 17.8 26.8#





#7

Phenol-d6

Concen: 112.516 ng

RT: 6.410 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

Tgt Ion: 99 Resp: 1574769

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

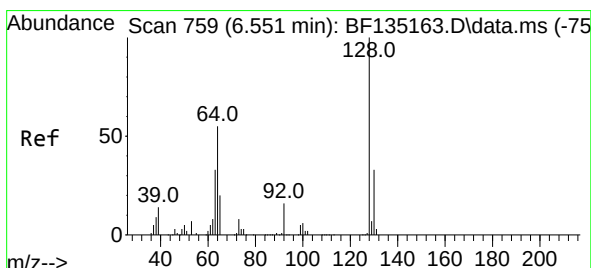
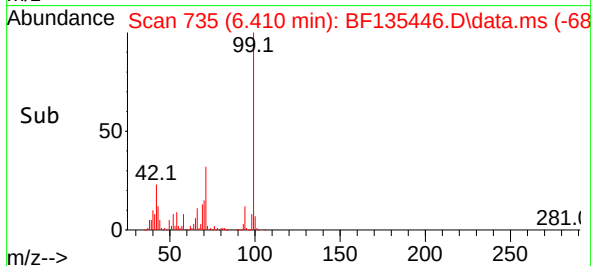
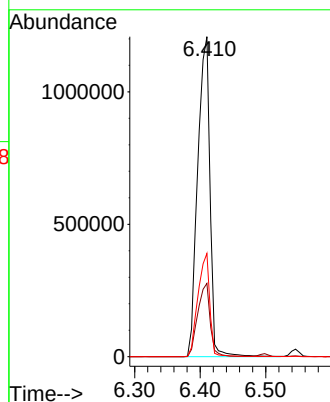
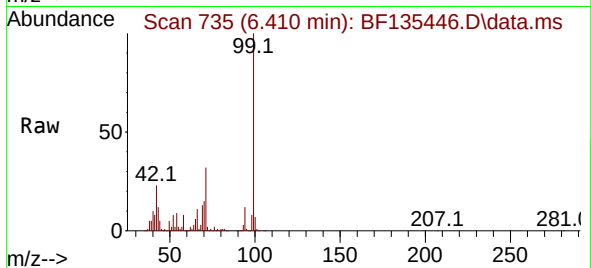
71 32.3 27.0 40.6

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#8

2-Chlorophenol

Concen: 44.525 ng

RT: 6.545 min Scan# 758

Delta R.T. 0.000 min

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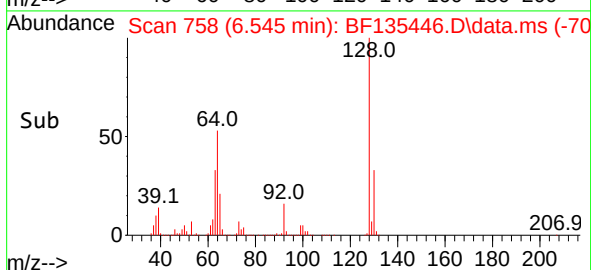
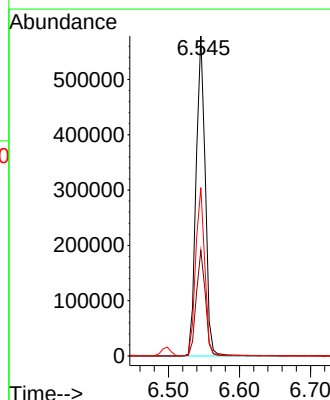
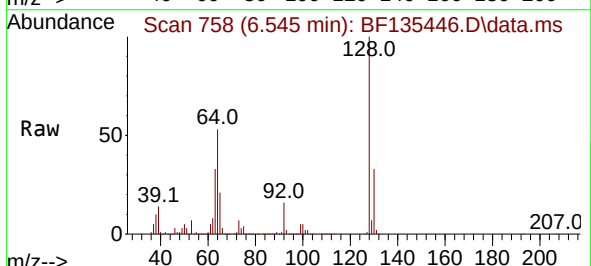
Tgt Ion:128 Resp: 523168

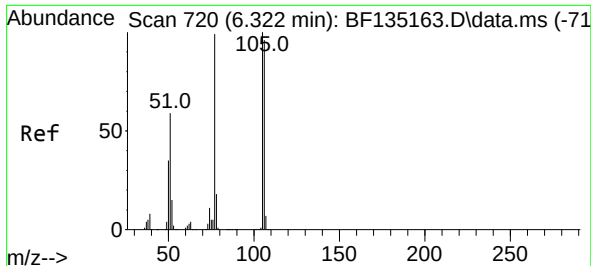
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 52.6 35.9 75.9





#9

Benzaldehyde

Concen: 21.102 ng

RT: 6.310 min Scan# 718

Delta R.T. 0.000 min

Lab File: BF135446.D

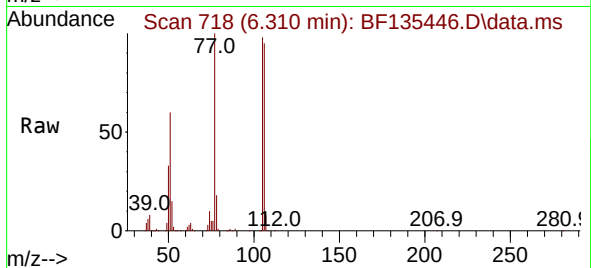
Acq: 26 Sep 2023 11:44

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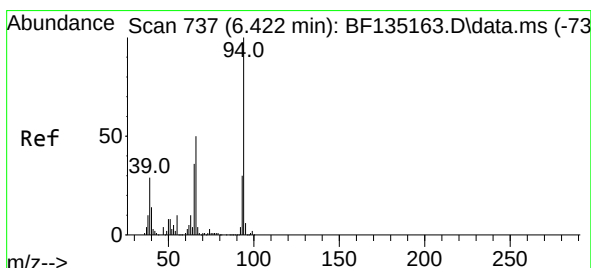
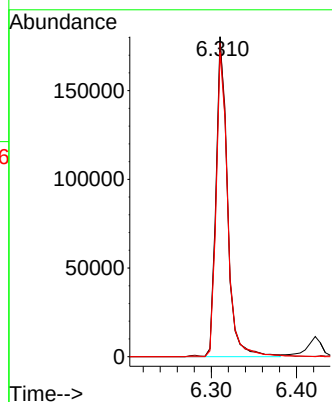
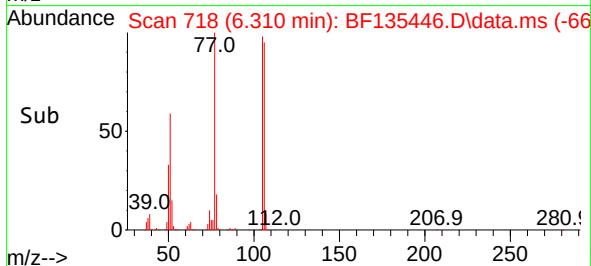
Tgt Ion:	77	Resp:	16825
Ion Ratio	Lower	Upper	
77	100		
105	98.1	81.4	121.4
106	95.1	76.9	116.9

Manual Integrations

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#10

Phenol

Concen: 38.755 ng

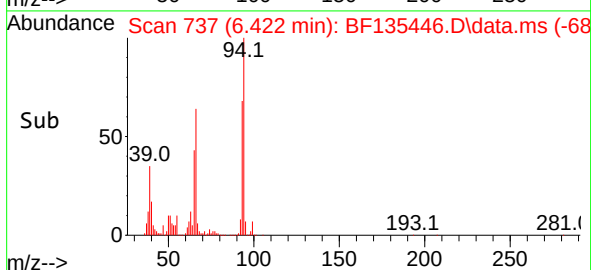
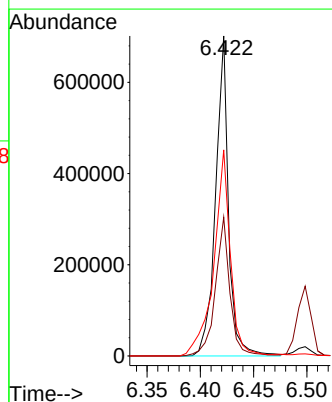
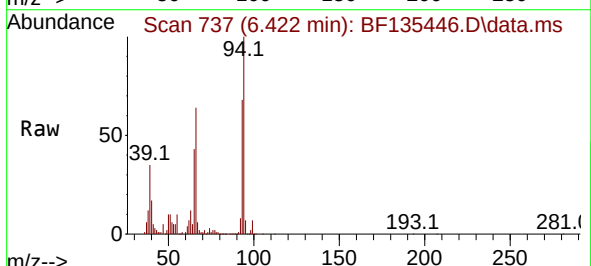
RT: 6.422 min Scan# 737

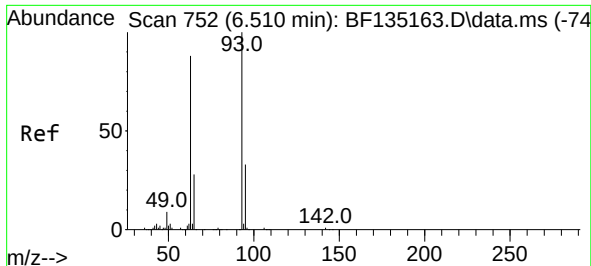
Delta R.T. 0.006 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Tgt Ion:	94	Resp:	594779
Ion Ratio	Lower	Upper	
94	100		
65	43.3	15.9	55.9
66	64.4	29.8	69.8





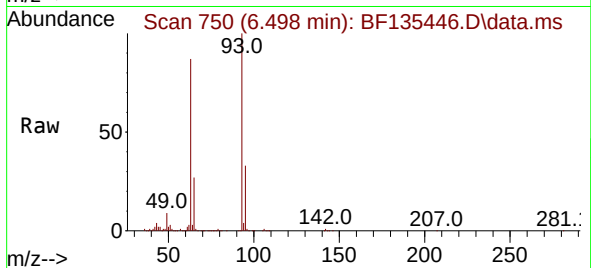
#11
bis(2-Chloroethyl)ether
Concen: 44.404 ng
RT: 6.498 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

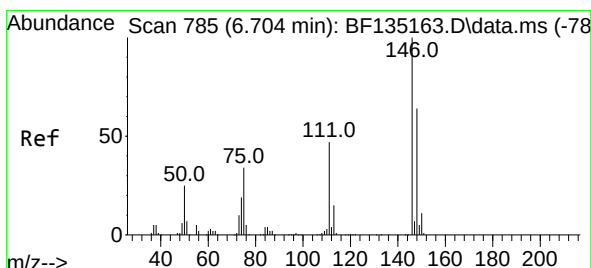
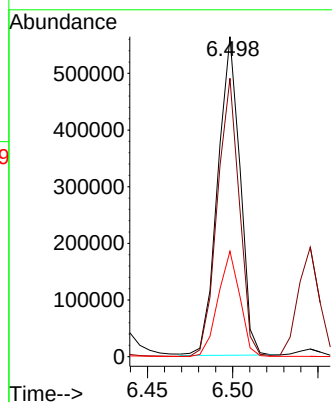
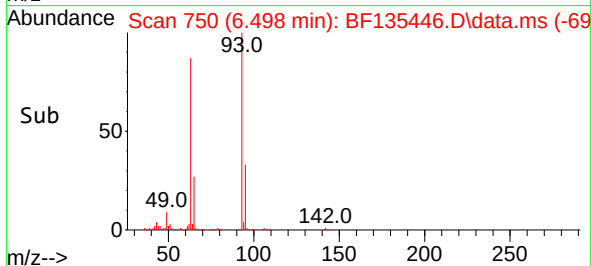


Tgt Ion: 93 Resp: 511180
Ion Ratio Lower Upper
93 100
63 87.0 67.3 107.3
95 32.9 12.7 52.7

Manual Integrations

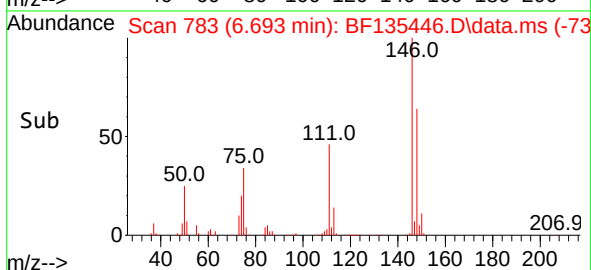
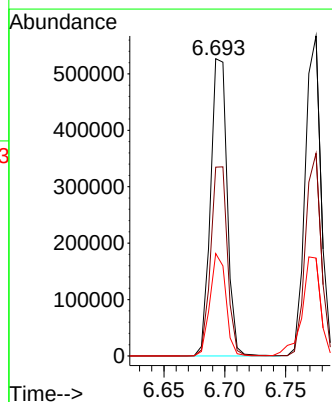
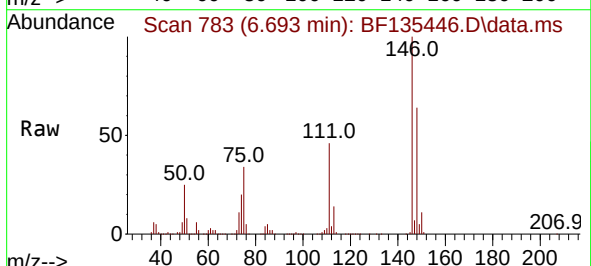
APPROVED

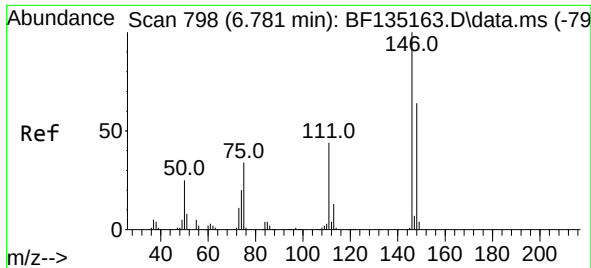
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#12
1,3-Dichlorobenzene
Concen: 41.852 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:146 Resp: 499766
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 34.5 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 42.416 ng
RT: 6.775 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

Client Sample Id :

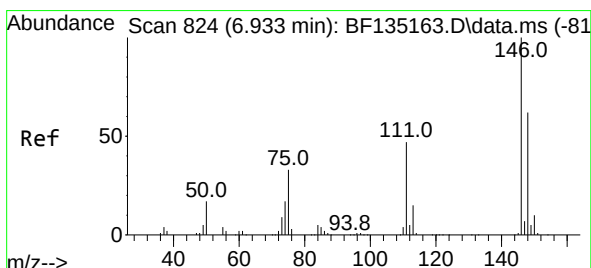
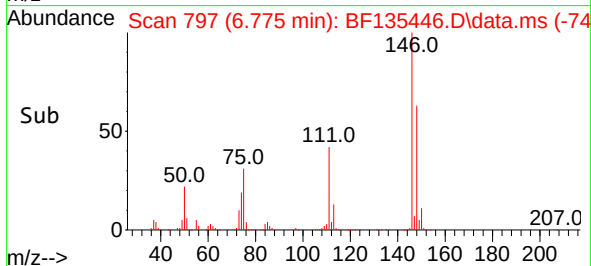
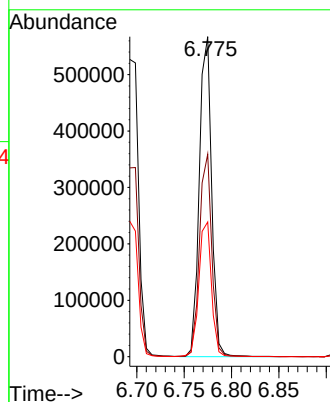
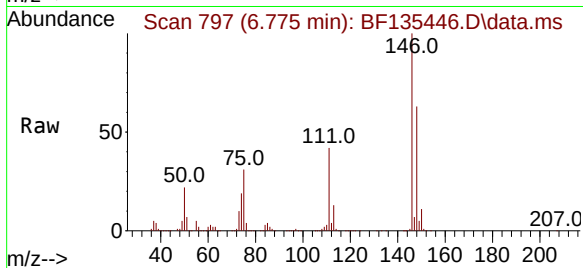
PB155707BS

Tgt Ion:146 Resp: 515320
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 42.1 35.1 52.7

Manual Integrations

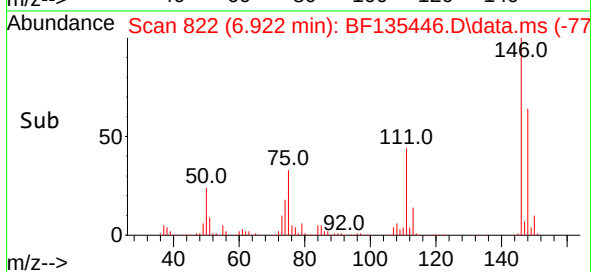
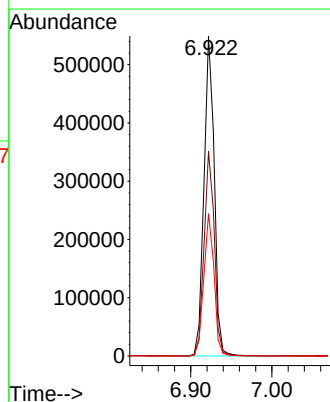
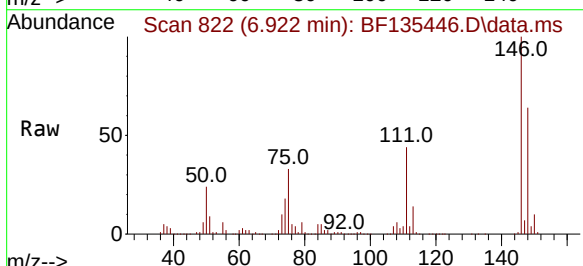
APPROVED

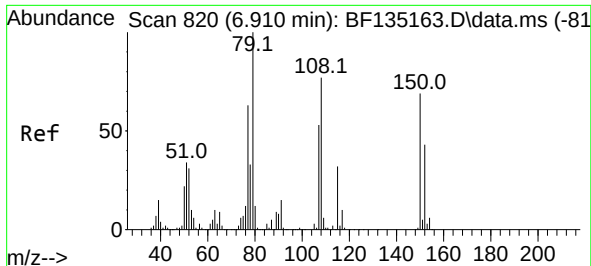
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#14
1,2-Dichlorobenzene
Concen: 42.785 ng
RT: 6.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:146 Resp: 482714
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
111 44.5 37.4 56.2





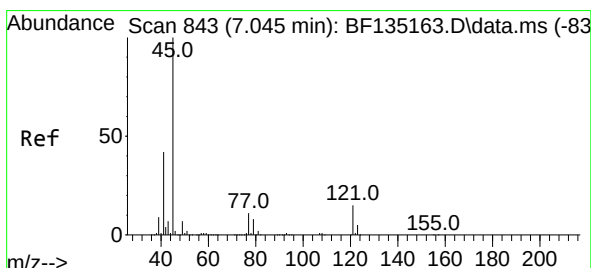
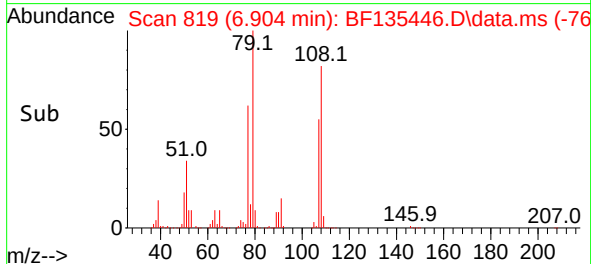
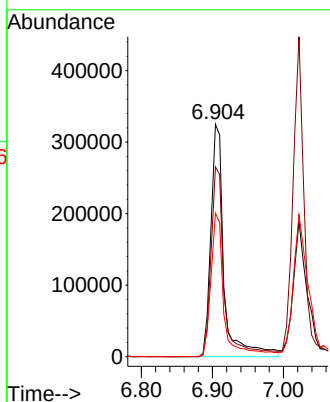
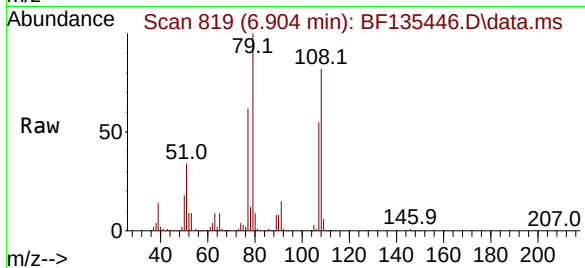
#15
Benzyl Alcohol
Concen: 41.775 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB155707BS

Tgt Ion: 79 Resp: 419564
Ion Ratio Lower Upper
79 100
108 81.6 61.2 91.8
77 61.8 50.5 75.7

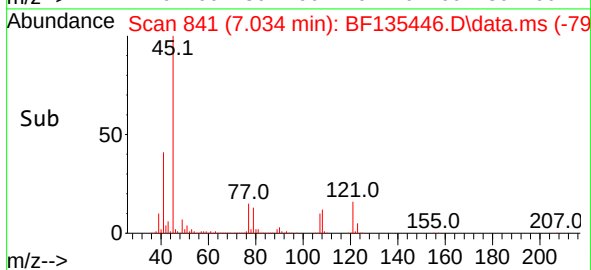
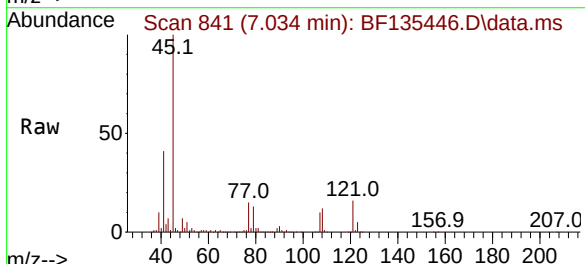
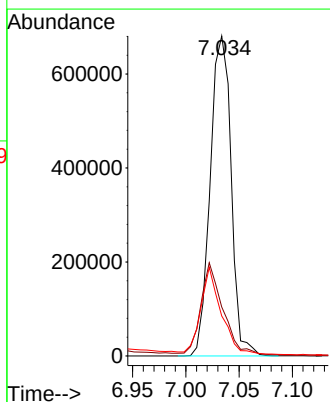
Manual Integrations
APPROVED

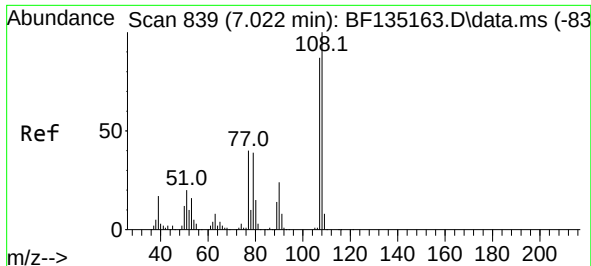
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.753 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion: 45 Resp: 927699
Ion Ratio Lower Upper
45 100
77 15.3 0.0 30.6
79 12.5 0.0 28.3





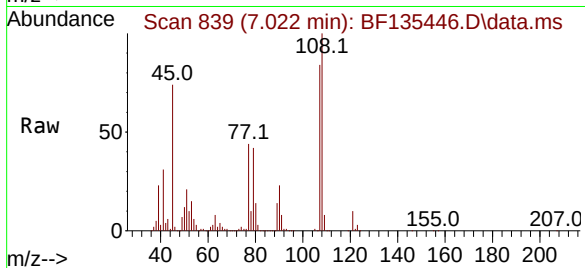
#17
2-Methylphenol
Concen: 40.255 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

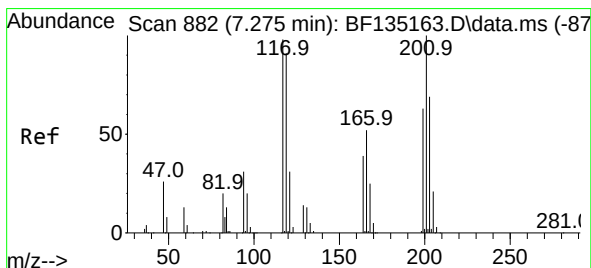
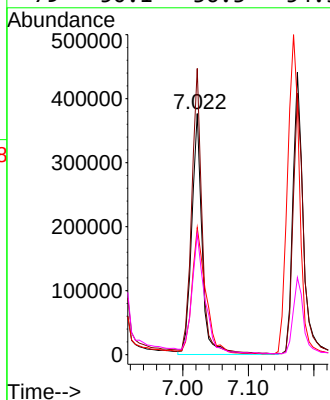
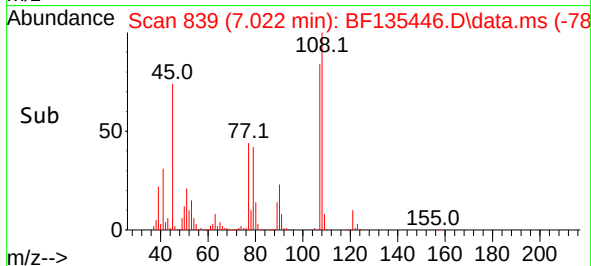


Tgt Ion:107 Resp: 417395
Ion Ratio Lower Upper
107 100
108 118.7 92.0 138.0
77 52.7 36.7 55.1
79 50.1 36.3 54.5

Manual Integrations

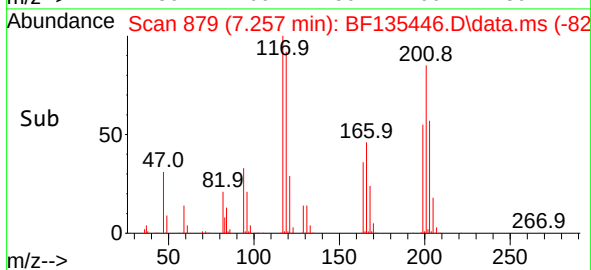
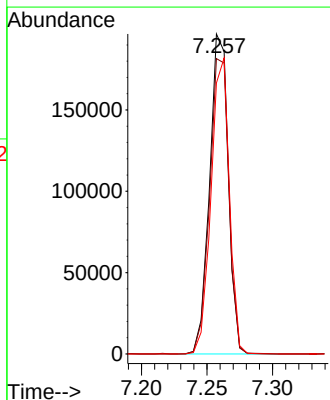
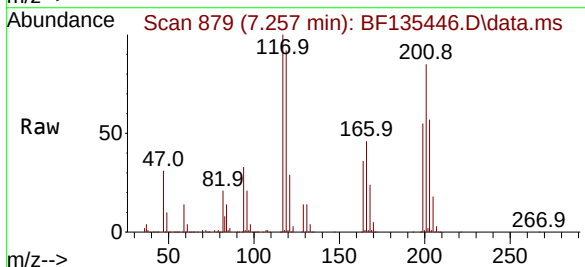
APPROVED

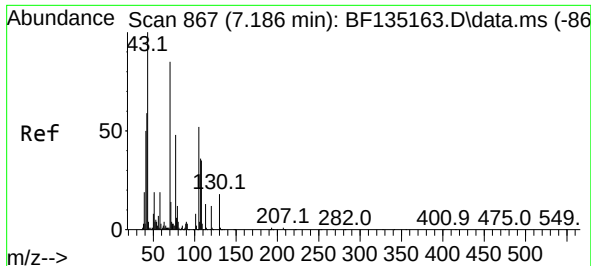
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#18
Hexachloroethane
Concen: 43.655 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

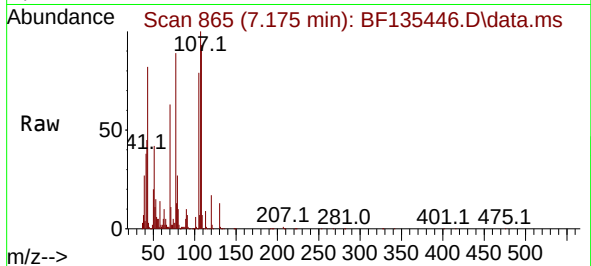
Tgt Ion:117 Resp: 195970
Ion Ratio Lower Upper
117 100
119 92.3 74.7 112.1
201 84.7 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 38.125 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

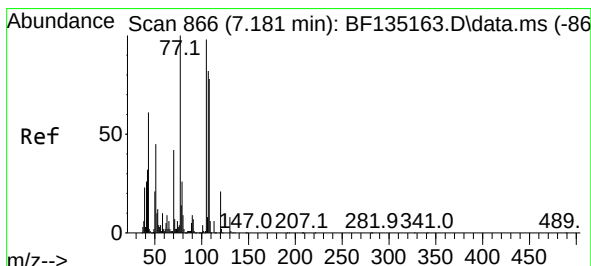
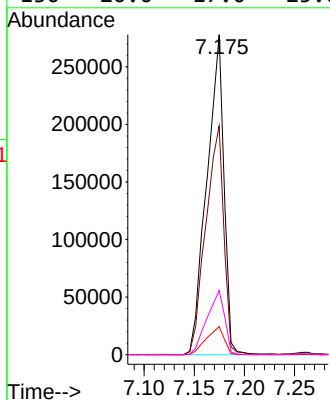
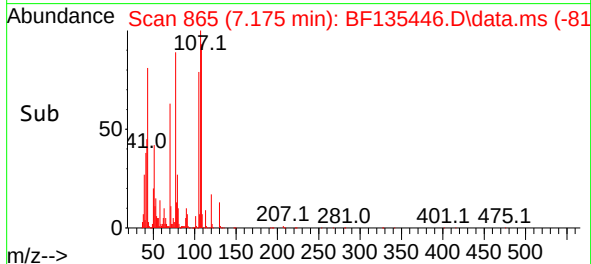
Instrument :
BNA_F
ClientSampleId :
PB155707BS



Tgt Ion: 70 Resp: 33050
Ion Ratio Lower Upper
70 100
42 71.5 55.4 83.0
101 8.8 7.7 11.5
130 20.0 17.0 25.6

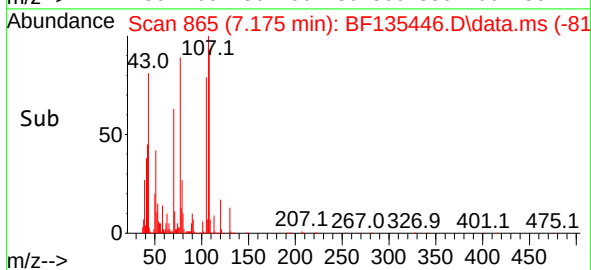
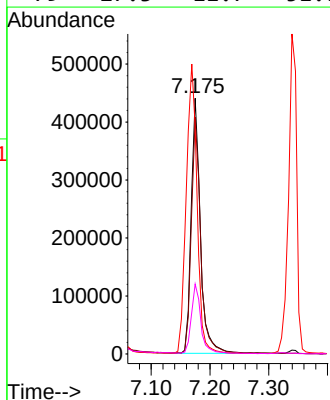
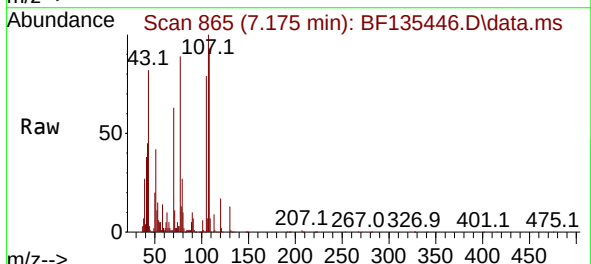
Manual Integrations
APPROVED

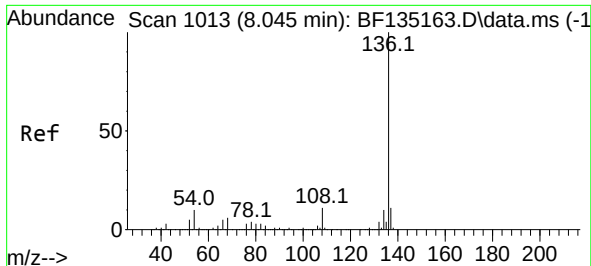
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#20
3+4-Methylphenols
Concen: 38.638 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:107 Resp: 481741
Ion Ratio Lower Upper
107 100
108 92.6 74.7 114.7
77 88.9 102.0 142.0#
79 27.3 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

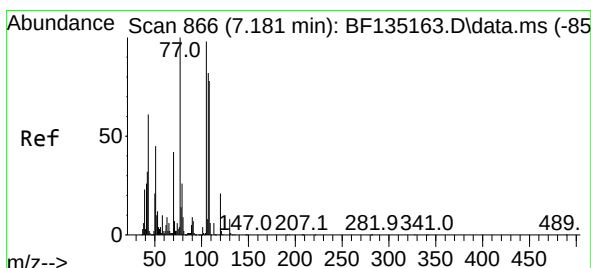
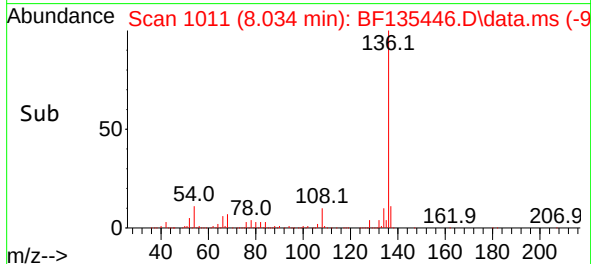
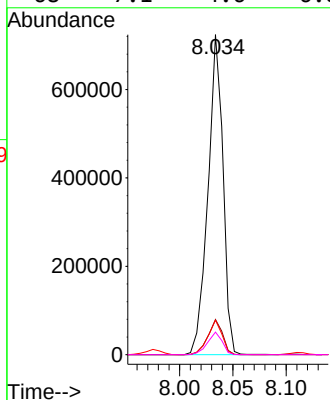
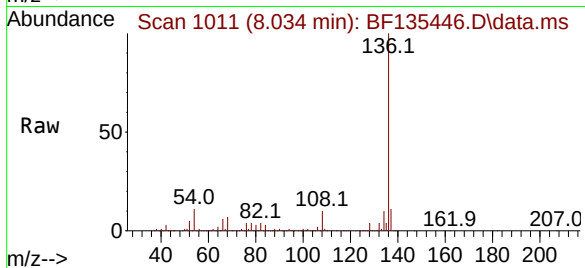
PB155707BS

Tgt Ion:136 Resp: 71049
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.8 7.7 11.5
68 7.1 4.6 6.8#

Manual Integrations

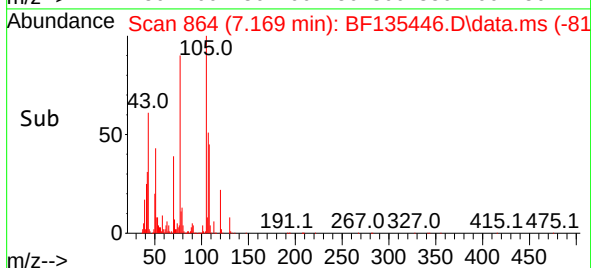
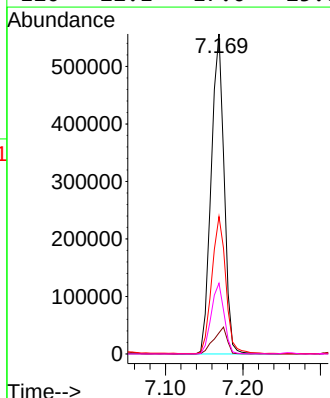
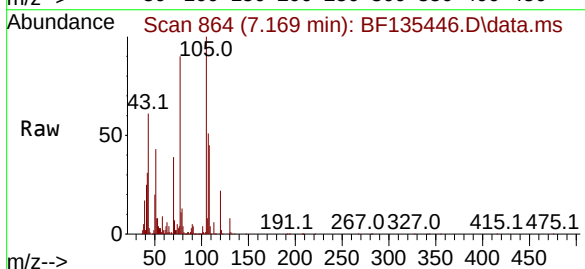
APPROVED

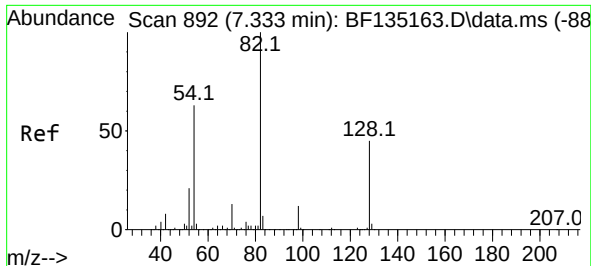
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#22
Acetophenone
Concen: 39.787 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:105 Resp: 646281
Ion Ratio Lower Upper
105 100
71 6.6 5.8 8.6
51 43.0 37.0 55.4
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.044 ng

RT: 7.322 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

Tgt Ion: 82 Resp: 100754

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.6

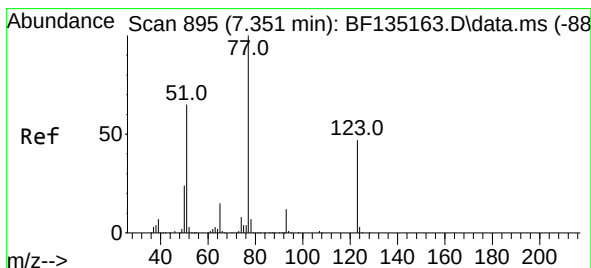
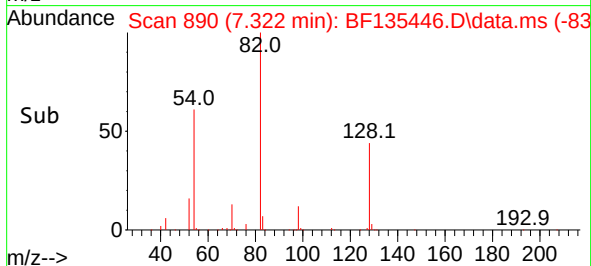
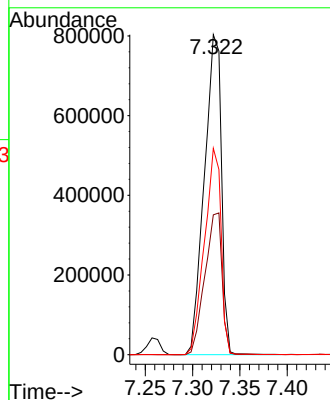
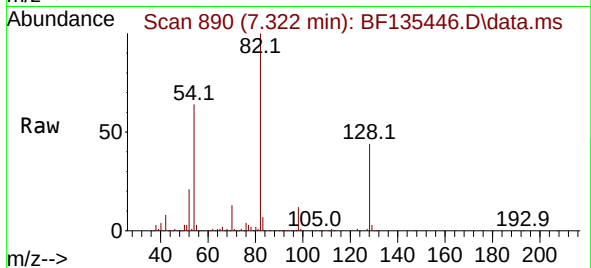
54 64.5 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#24

Nitrobenzene

Concen: 41.495 ng

RT: 7.340 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

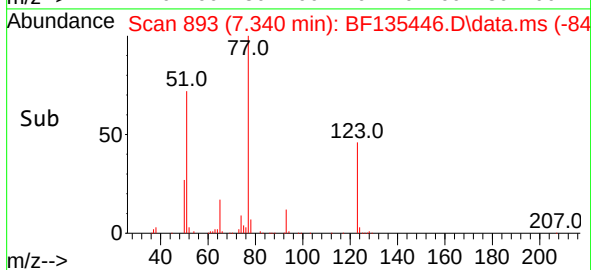
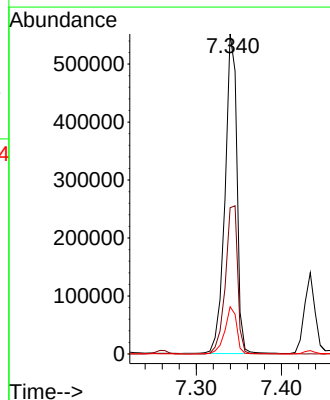
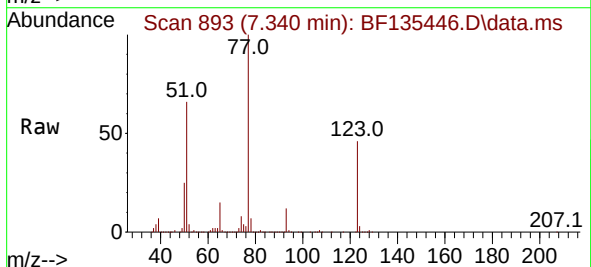
Tgt Ion: 77 Resp: 536360

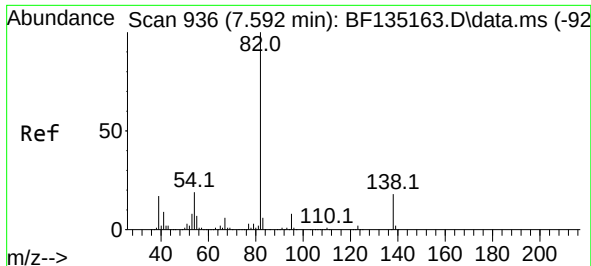
Ion Ratio Lower Upper

77 100

123 45.7 37.6 56.4

65 14.7 12.2 18.4





#25
Isophorone
Concen: 41.754 ng
RT: 7.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

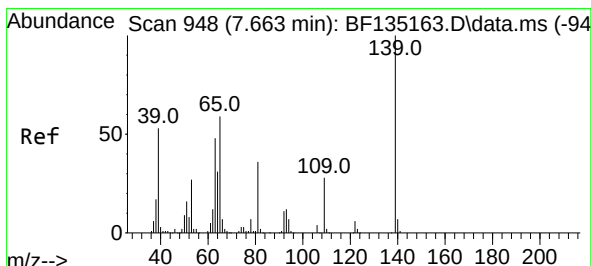
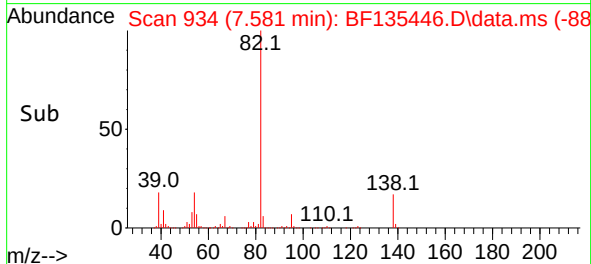
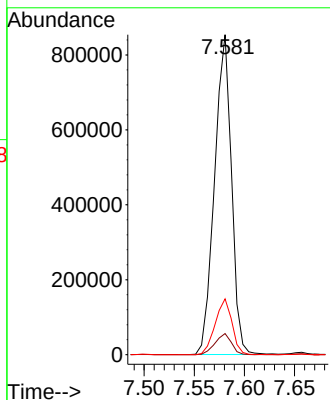
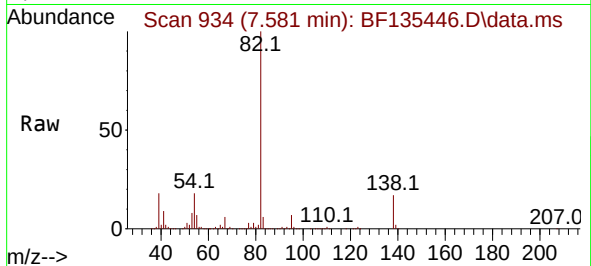
ClientSampleId :

PB155707BS

Tgt Ion: 82 Resp: 100267
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 17.5 14.5 21.7

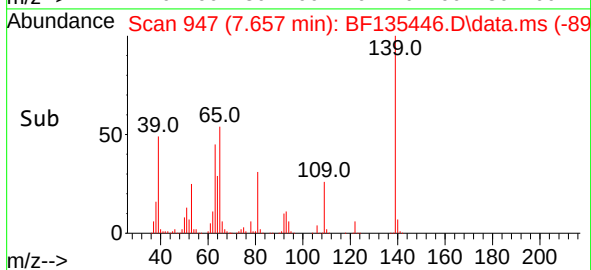
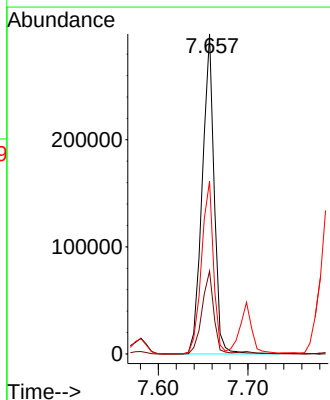
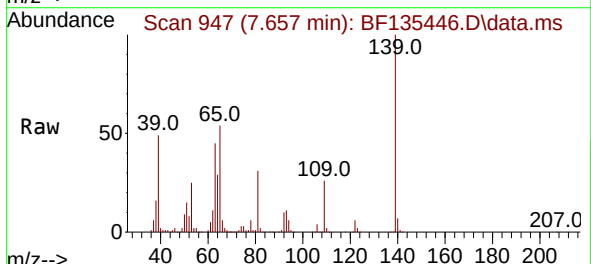
Manual Integrations
APPROVED

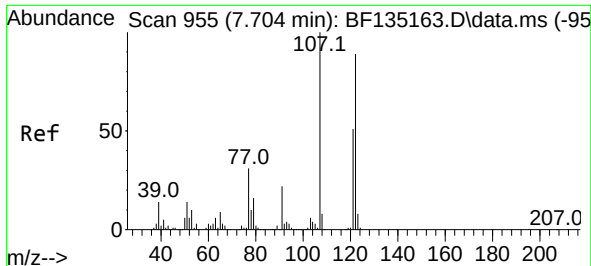
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#26
2-Nitrophenol
Concen: 44.586 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:139 Resp: 276599
Ion Ratio Lower Upper
139 100
109 25.9 22.6 33.8
65 54.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.945 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

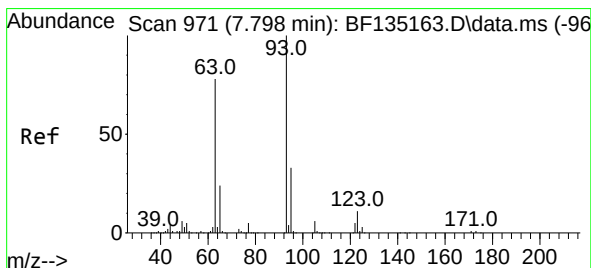
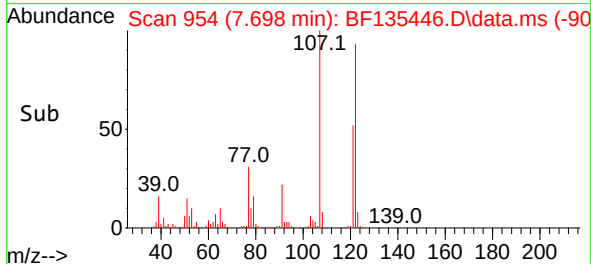
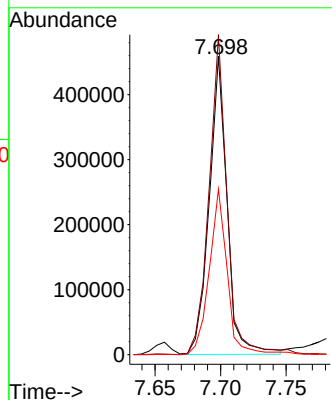
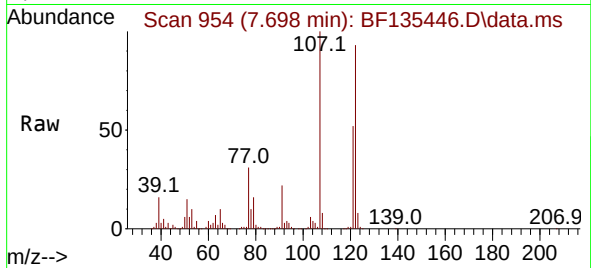
Tgt Ion:	122	Resp:	43738
Ion	Ratio	Lower	Upper
122	100		
107	107.3	90.2	135.4
121	55.5	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.770 ng

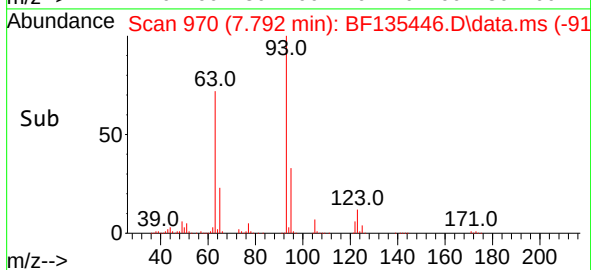
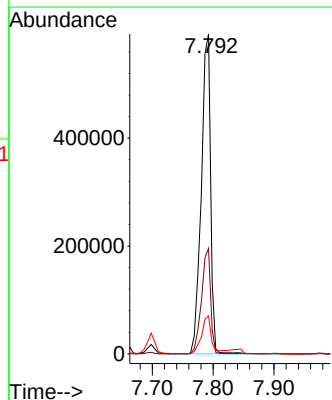
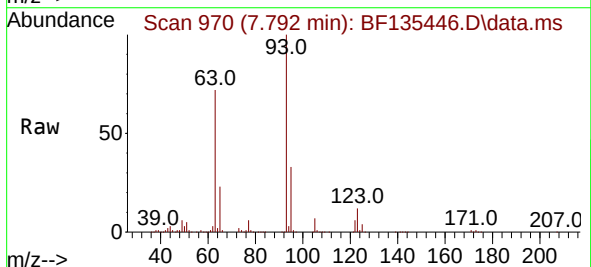
RT: 7.792 min Scan# 970

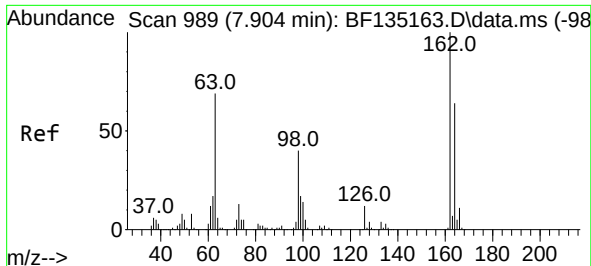
Delta R.T. 0.006 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Tgt Ion:	93	Resp:	62910
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	11.9	8.8	13.2





#29
2,4-Dichlorophenol
Concen: 41.715 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

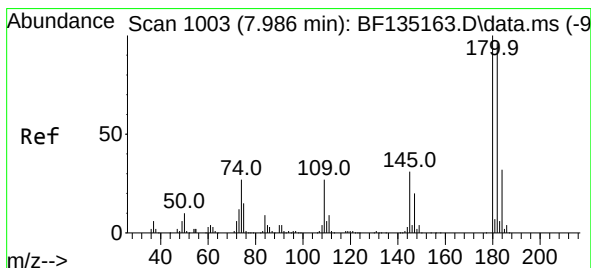
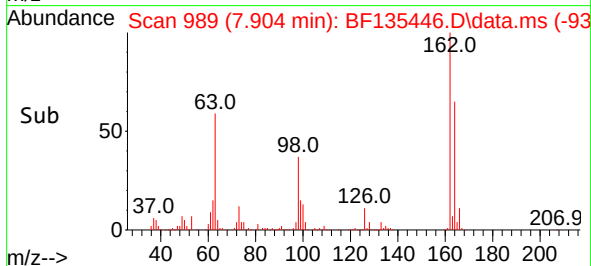
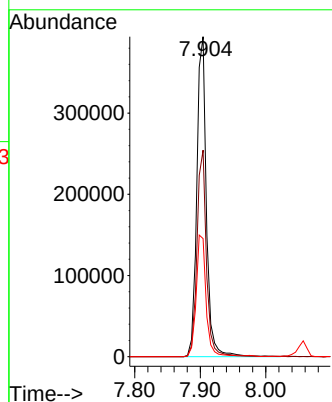
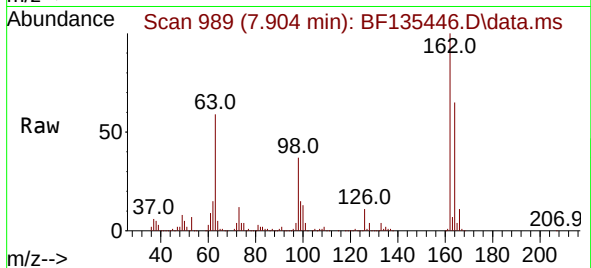
ClientSampleId :

PB155707BS

Tgt Ion:162 Resp: 40306
Ion Ratio Lower Upper
162 100
164 64.5 44.1 84.1
98 36.9 20.3 60.3

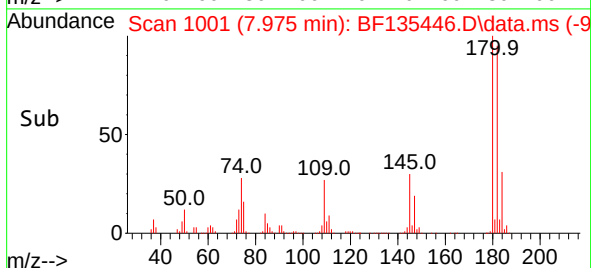
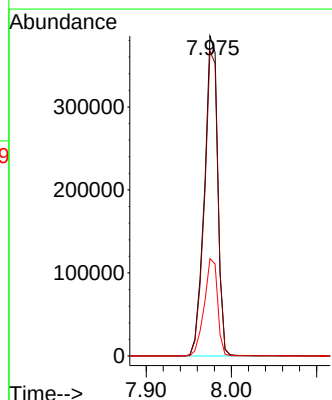
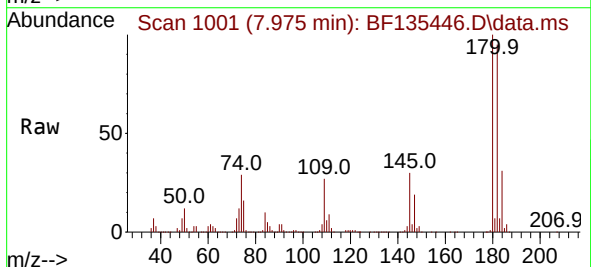
Manual Integrations
APPROVED

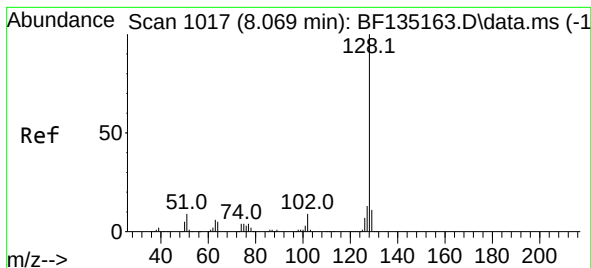
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#30
1,2,4-Trichlorobenzene
Concen: 41.568 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:180 Resp: 419811
Ion Ratio Lower Upper
180 100
182 95.4 76.9 115.3
145 30.4 24.5 36.7





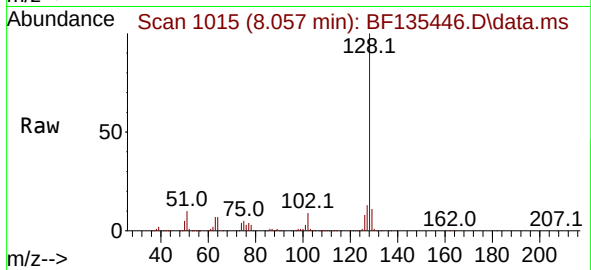
#31
Naphthalene
Concen: 41.147 ng
RT: 8.057 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS



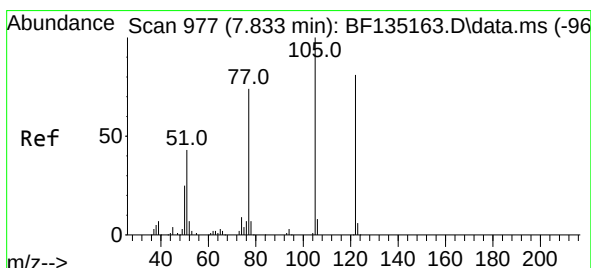
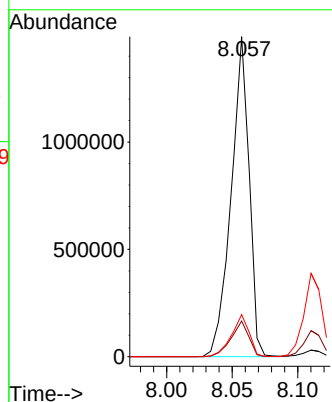
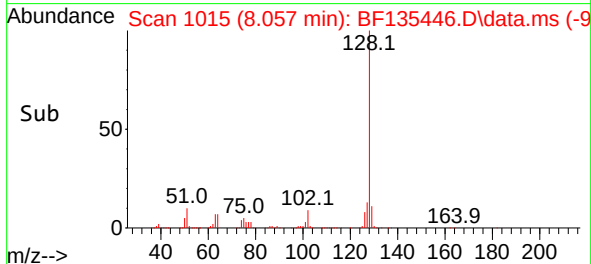
Tgt Ion:128 Resp: 1420425
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.7 16.1

Manual Integrations

APPROVED

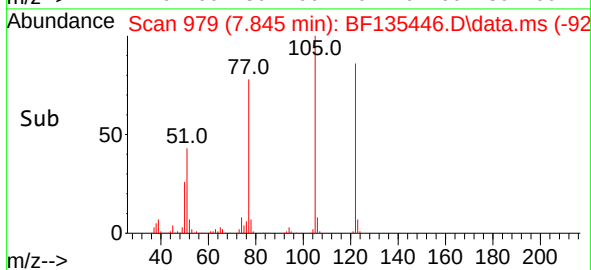
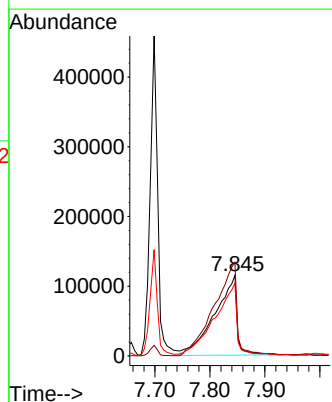
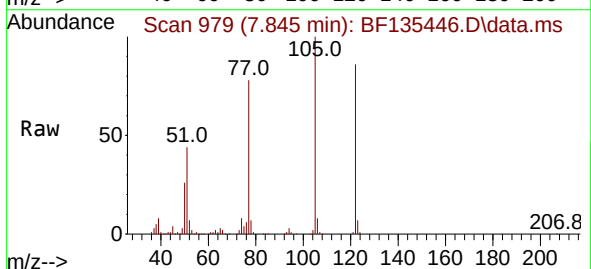
Reviewed By :Yogesh Patel 09/27/2023

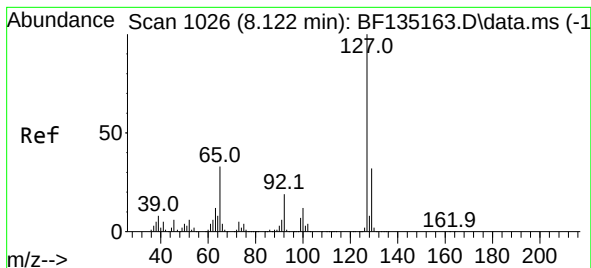
Supervised By :mohammad ahmed 09/29/2023



#32
Benzoic acid
Concen: 41.136 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:122 Resp: 323002
Ion Ratio Lower Upper
122 100
105 116.3 99.9 139.9
77 90.7 70.0 110.0





#33

4-Chloroaniline

Concen: 26.513 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

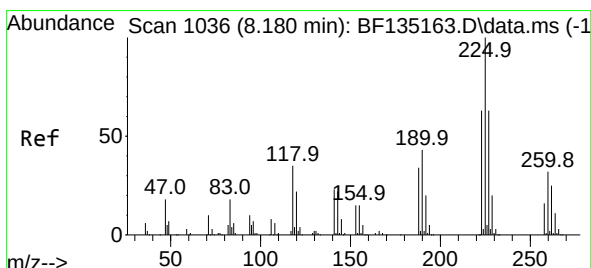
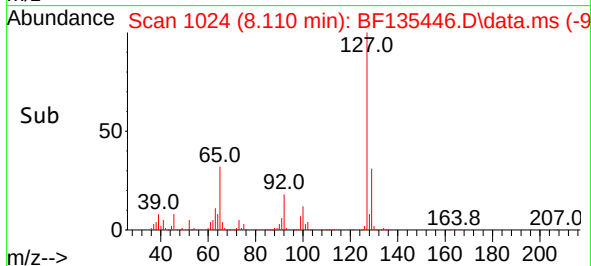
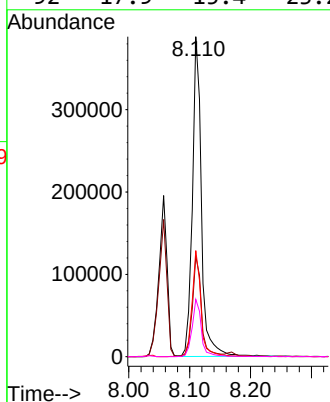
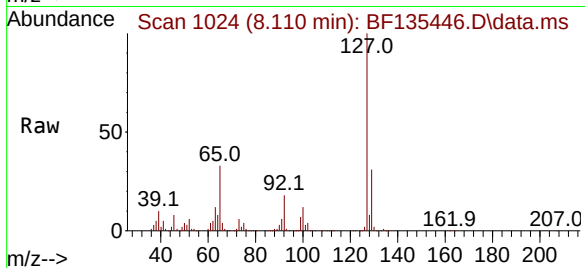
PB155707BS

Tgt Ion:	127	Resp:	401554
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.8	38.8
65	33.1	26.6	39.8
92	17.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#34

Hexachlorobutadiene

Concen: 38.086 ng

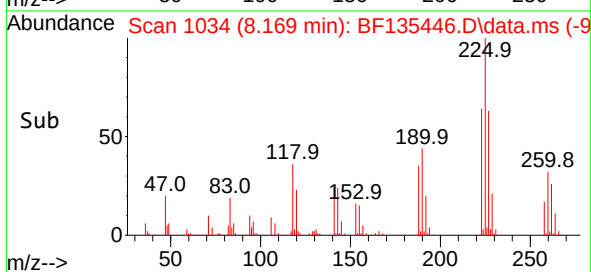
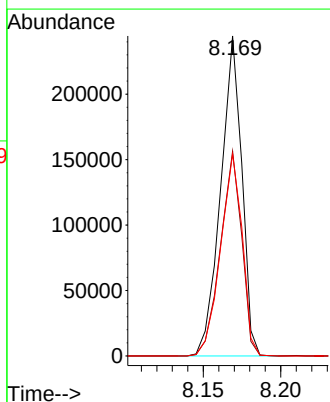
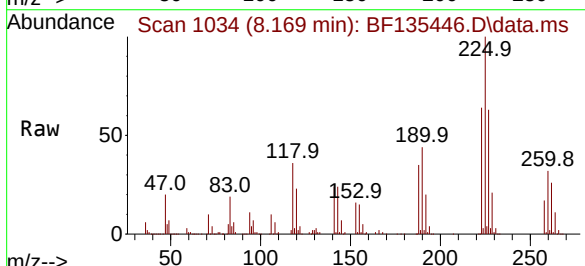
RT: 8.169 min Scan# 1034

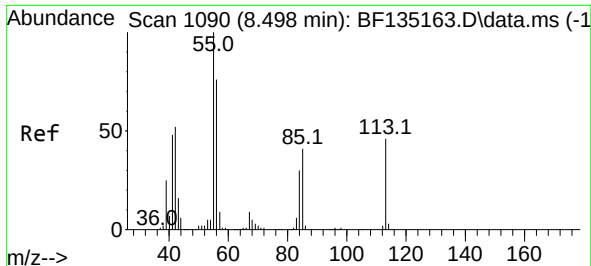
Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

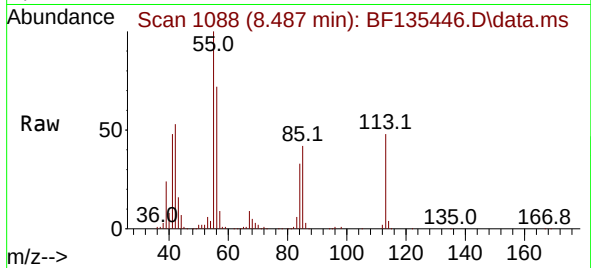
Tgt Ion:	225	Resp:	231932
Ion Ratio	Lower	Upper	
225	100		
223	64.0	50.6	75.8
227	63.2	50.8	76.2





#35
Caprolactam
Concen: 41.109 ng m
RT: 8.487 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

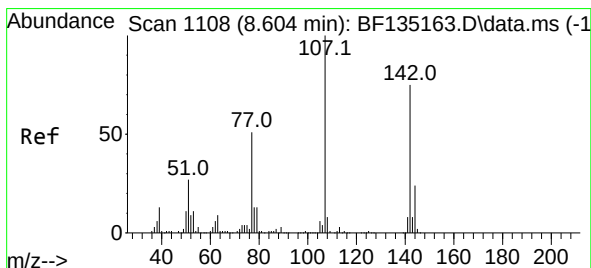
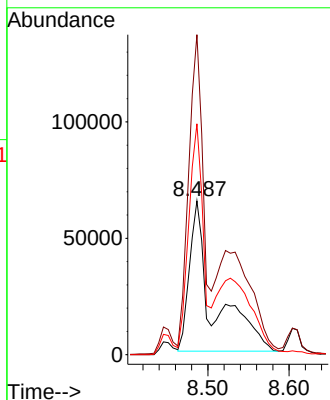
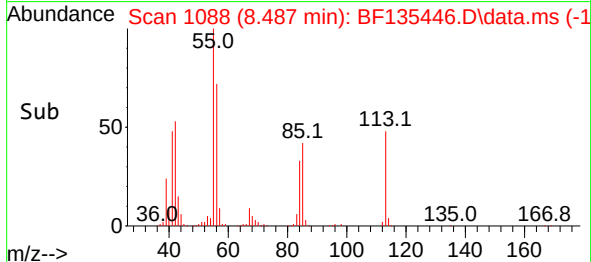
Instrument :
BNA_F
ClientSampleId :
PB155707BS



Tgt Ion:113 Resp: 133310
Ion Ratio Lower Upper
113 100
55 208.0 199.3 239.3
56 150.0 146.3 186.3

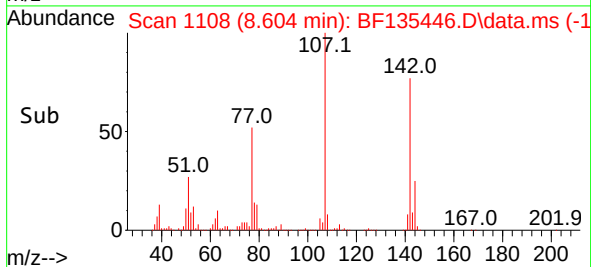
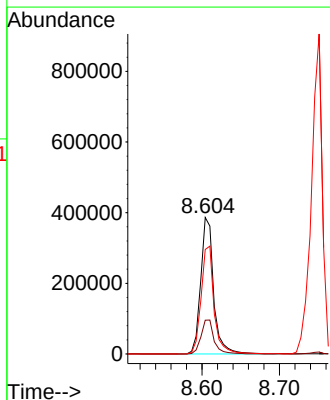
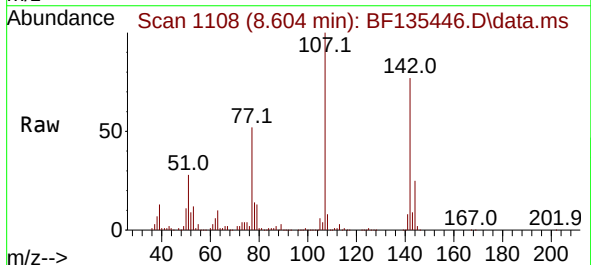
Manual Integrations
APPROVED

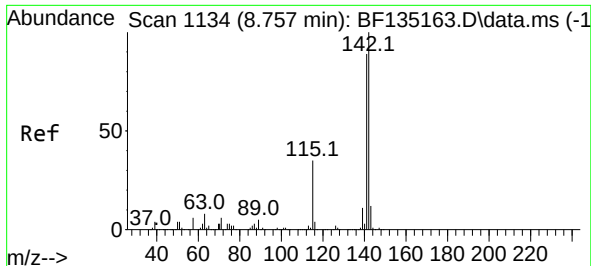
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#36
4-Chloro-3-methylphenol
Concen: 41.858 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:107 Resp: 449517
Ion Ratio Lower Upper
107 100
144 24.7 19.0 28.4
142 76.5 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.047 ng

RT: 8.751 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

Tgt Ion:142 Resp: 882870

Ion Ratio Lower Upper

142 100

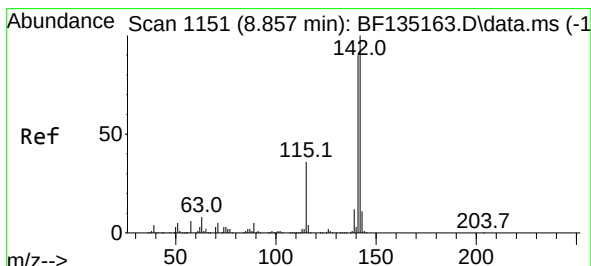
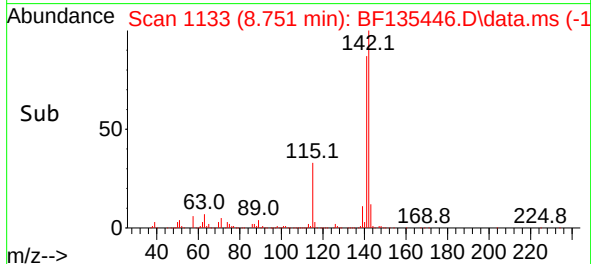
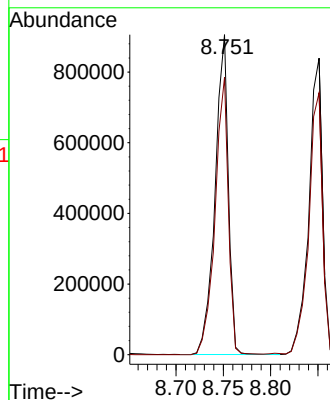
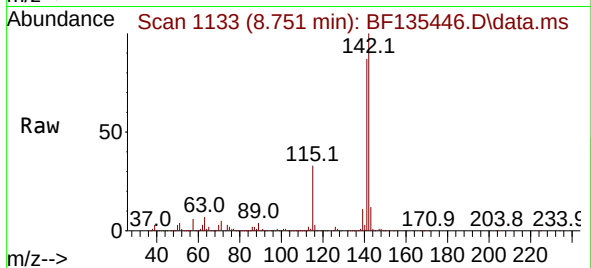
141 86.6 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#38

1-Methylnaphthalene

Concen: 38.795 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135446.D

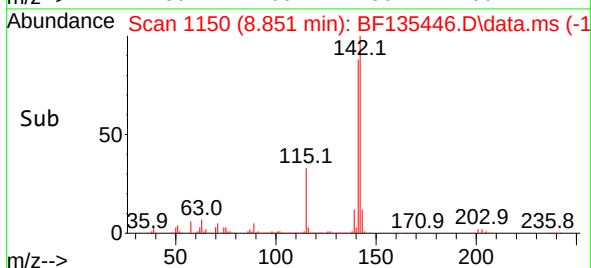
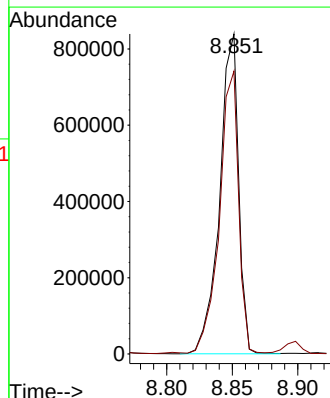
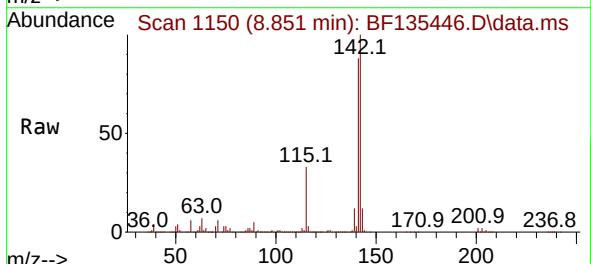
Acq: 26 Sep 2023 11:44

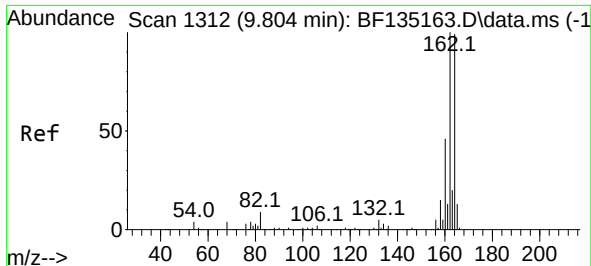
Tgt Ion:142 Resp: 842830

Ion Ratio Lower Upper

142 100

141 88.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135446.D

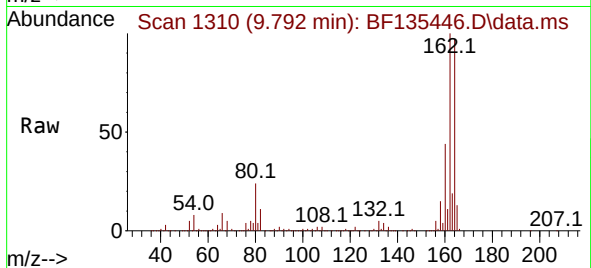
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS



Tgt Ion:164 Resp: 346659

Ion Ratio Lower Upper

164 100

162 103.3 81.0 121.4

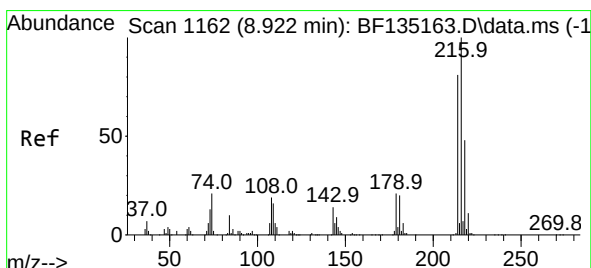
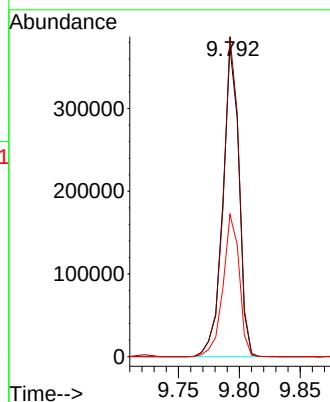
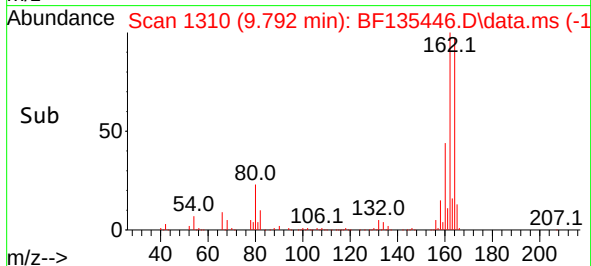
160 45.8 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.755 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Tgt Ion:216 Resp: 409307

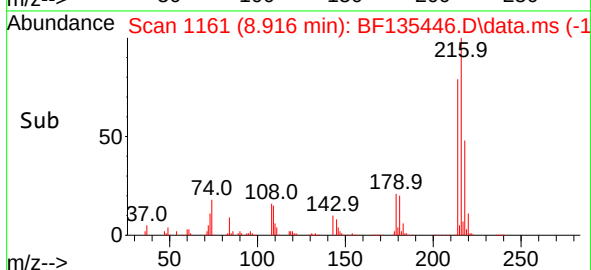
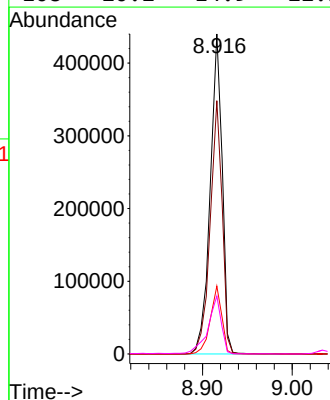
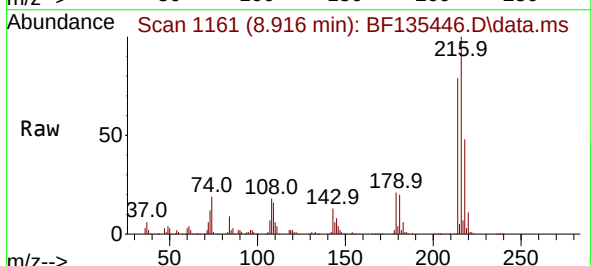
Ion Ratio Lower Upper

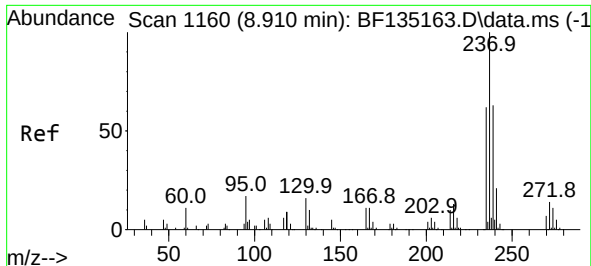
216 100

214 79.0 63.7 95.5

179 20.3 16.7 25.1

108 20.2 14.9 22.3





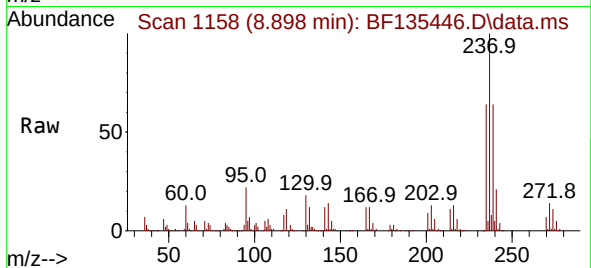
#41
Hexachlorocyclopentadiene
Concen: 54.280 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

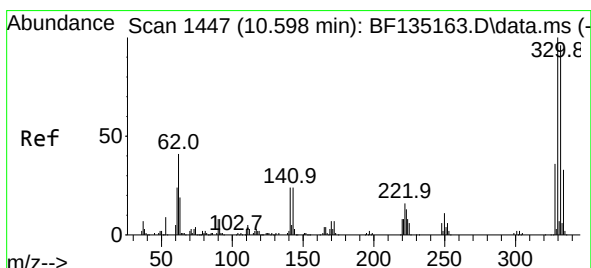
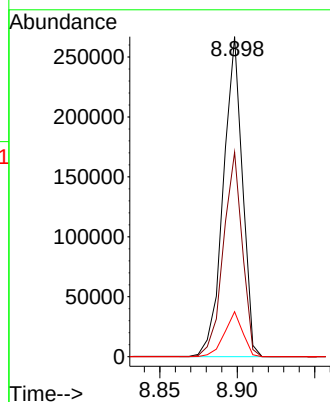
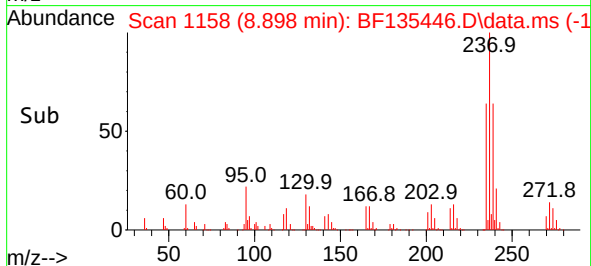


Tgt Ion:237 Resp: 228629
Ion Ratio Lower Upper
237 100
235 63.9 41.8 81.8
272 14.0 0.0 33.6

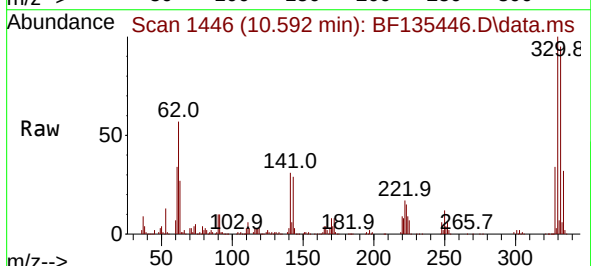
Manual Integrations

APPROVED

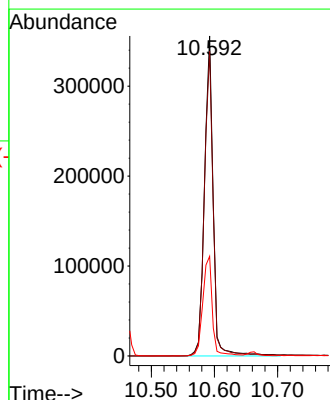
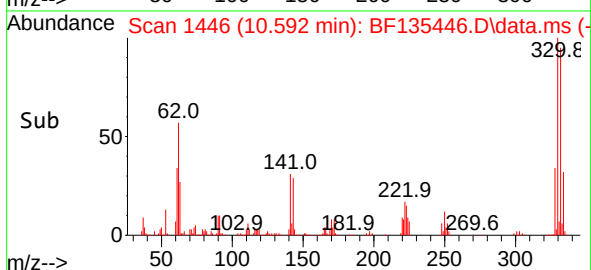
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

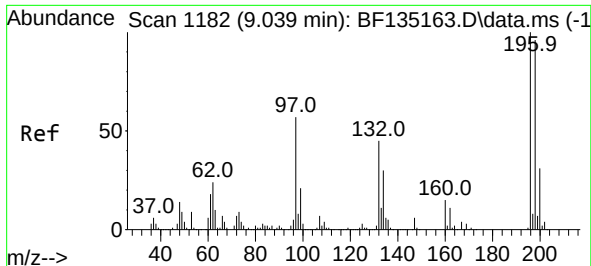


#42
2,4,6-Tribromophenol
Concen: 98.730 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



Tgt Ion:330 Resp: 340120
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.2 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 41.818 ng

RT: 9.034 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

Tgt Ion:196 Resp: 274979

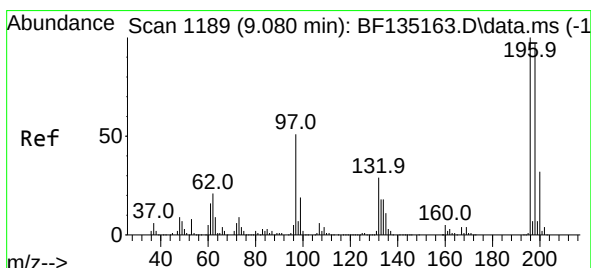
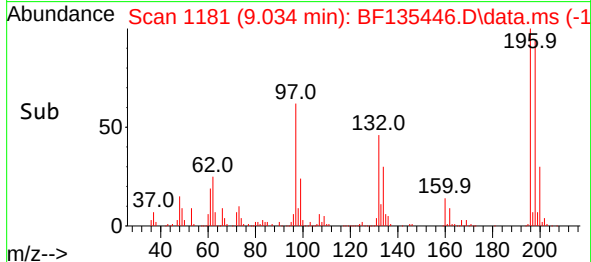
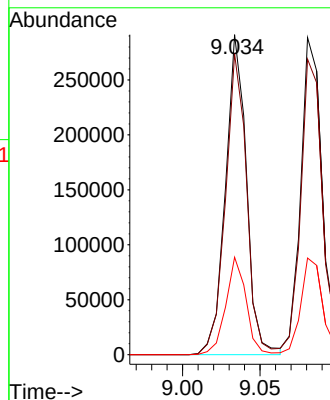
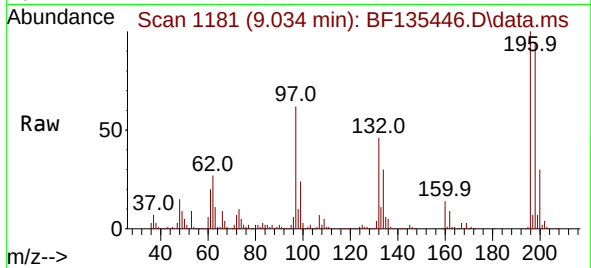
Ion	Ratio	Lower	Upper
196	100		
198	94.0	77.0	115.6
200	30.5	24.5	36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#44

2,4,5-Trichlorophenol

Concen: 39.355 ng

RT: 9.081 min Scan# 1189

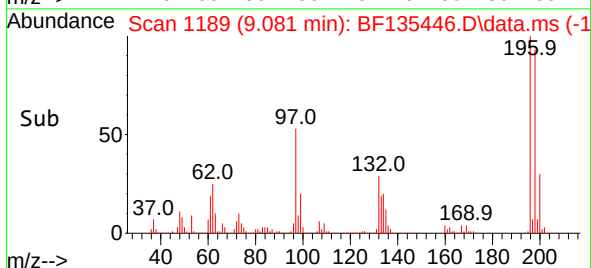
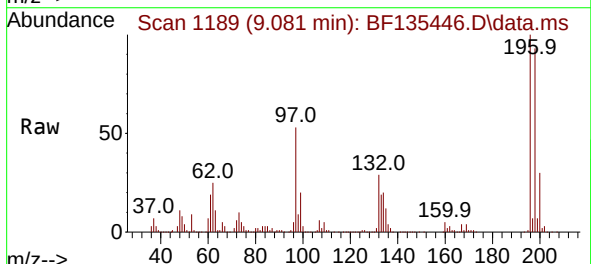
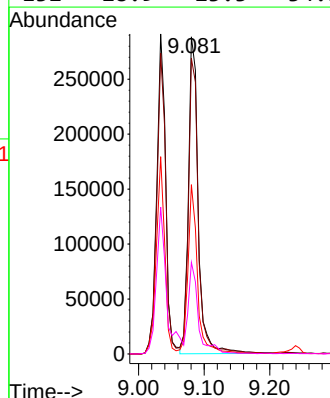
Delta R.T. 0.006 min

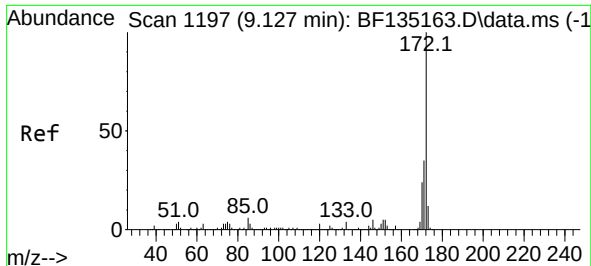
Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Tgt Ion:196 Resp: 298015

Ion	Ratio	Lower	Upper
196	100		
198	93.2	77.5	116.3
97	53.4	40.5	60.7
132	28.9	23.3	34.9





#45

2-Fluorobiphenyl

Concen: 71.301 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

Tgt Ion:172 Resp: 163829

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

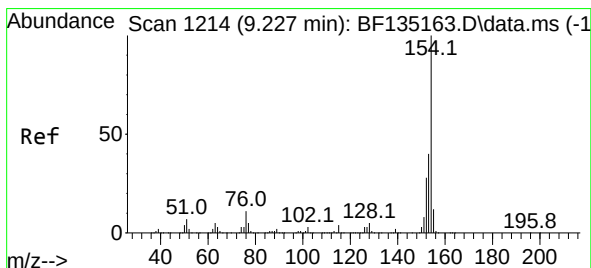
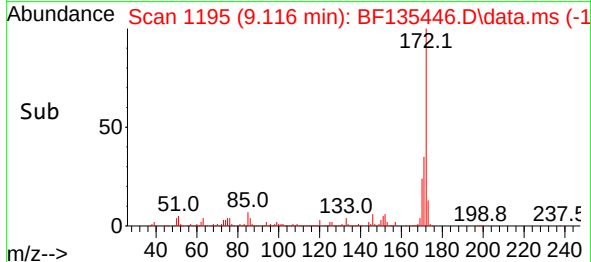
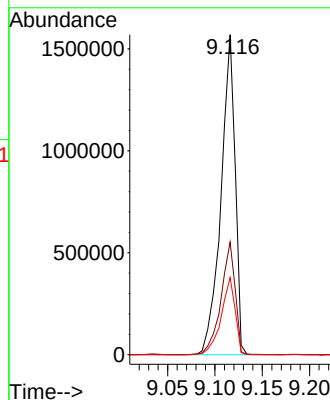
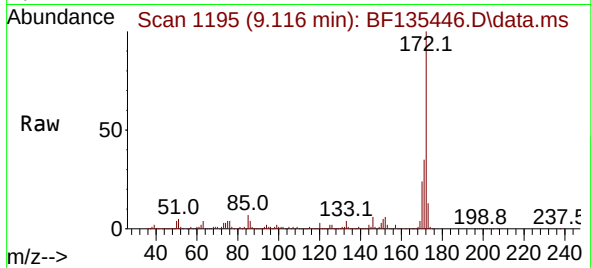
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#46

1,1'-Biphenyl

Concen: 40.632 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

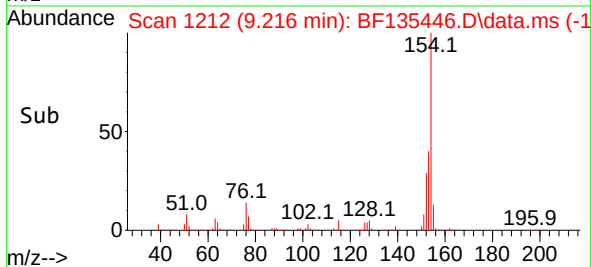
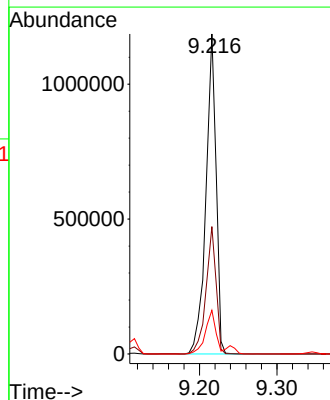
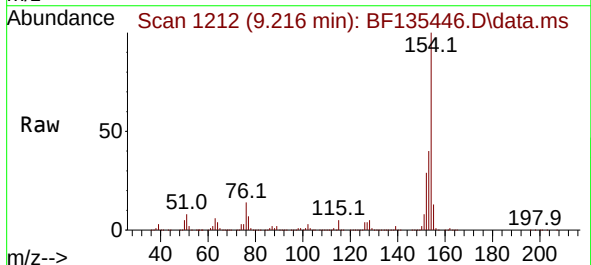
Tgt Ion:154 Resp: 1082440

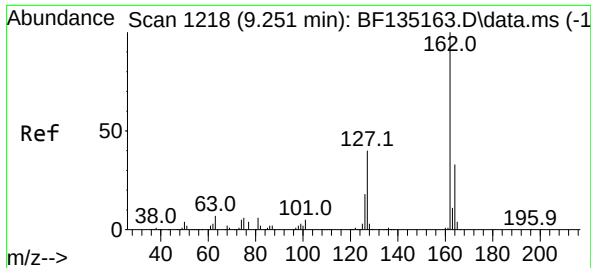
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

76 13.6 0.0 31.0





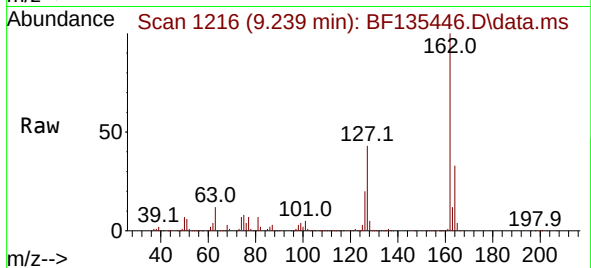
#47
2-Chloronaphthalene
Concen: 42.247 ng
RT: 9.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

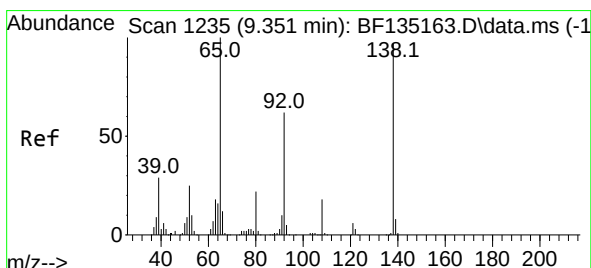
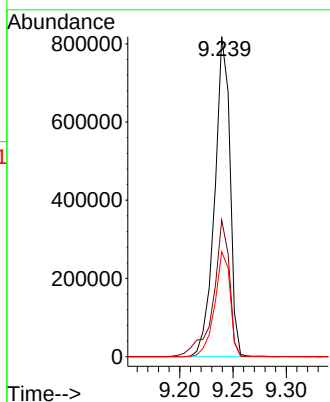
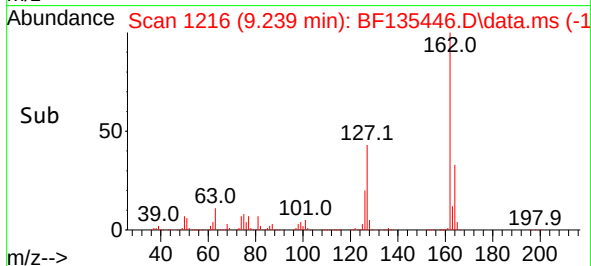


Tgt Ion: 162 Resp: 81659
Ion Ratio Lower Upper
162 100
127 42.7 32.6 48.8
164 32.7 26.2 39.2

Manual Integrations

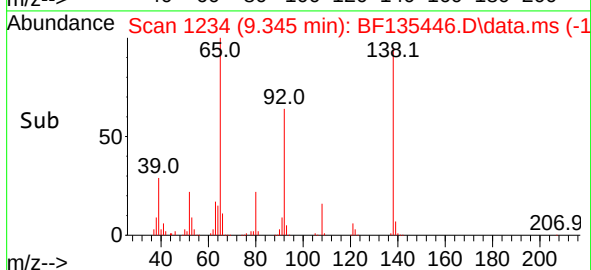
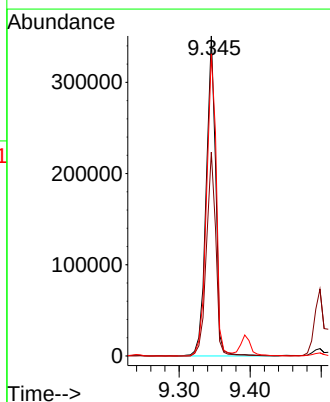
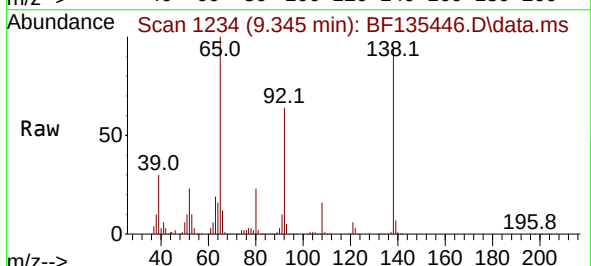
APPROVED

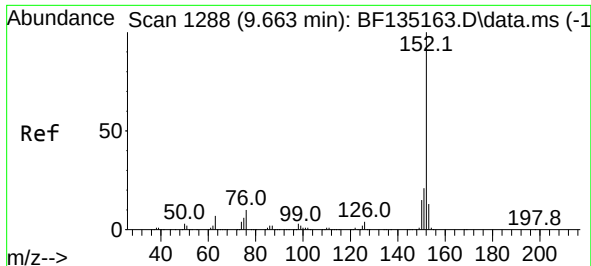
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#48
2-Nitroaniline
Concen: 43.614 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion: 65 Resp: 327512
Ion Ratio Lower Upper
65 100
92 63.7 49.4 74.0
138 94.4 77.4 116.0





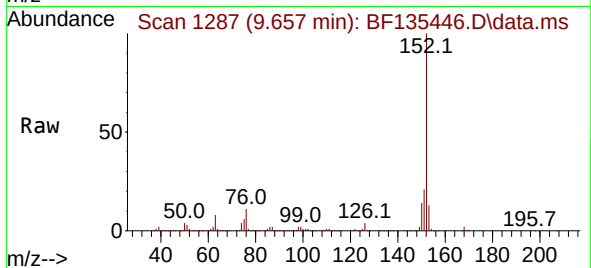
#49
Acenaphthylene
Concen: 40.532 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS



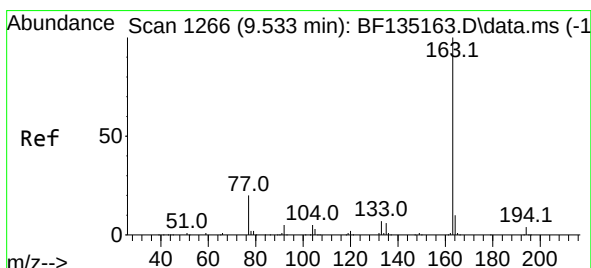
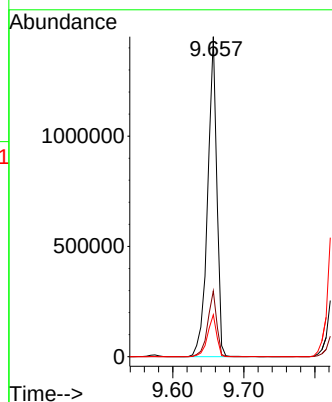
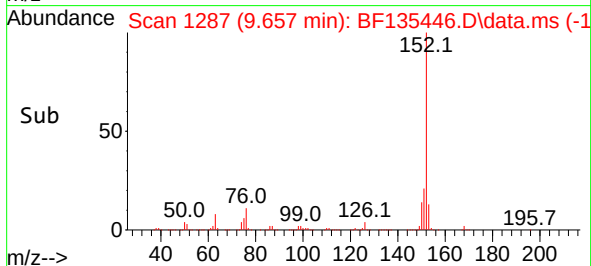
Tgt Ion:152 Resp: 1302038
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.1 10.4 15.6

Manual Integrations

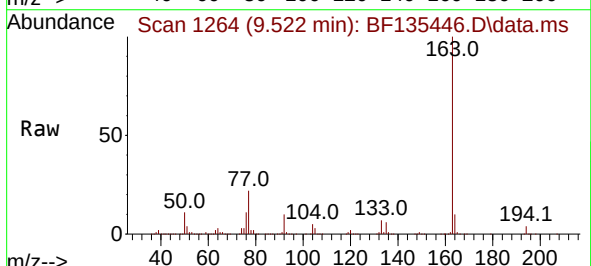
APPROVED

Reviewed By :Yogesh Patel 09/27/2023

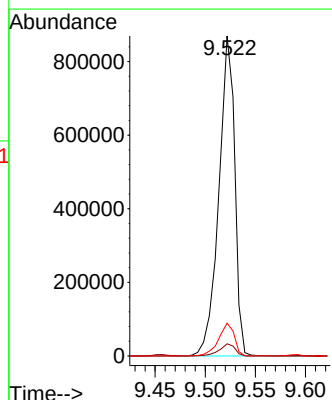
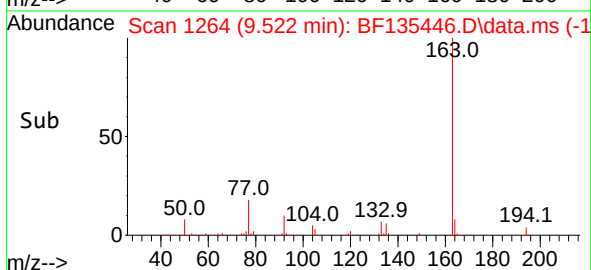
Supervised By :mohammad ahmed 09/29/2023

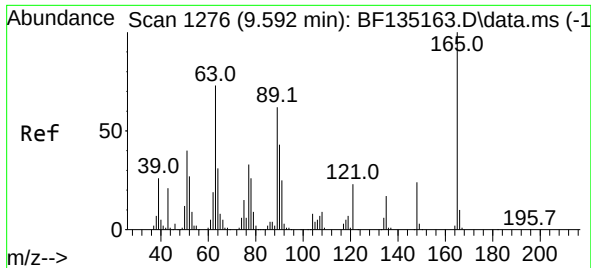


#50
Dimethylphthalate
Concen: 40.825 ng
RT: 9.522 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



Tgt Ion:163 Resp: 956850
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.1 12.1





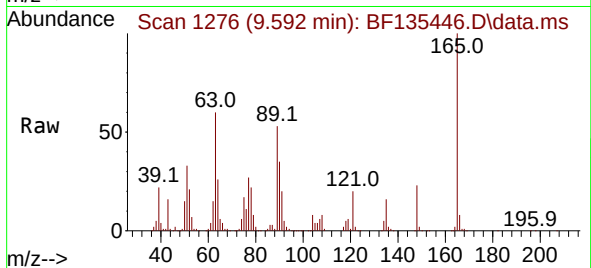
#51
2,6-Dinitrotoluene
Concen: 41.934 ng
RT: 9.592 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

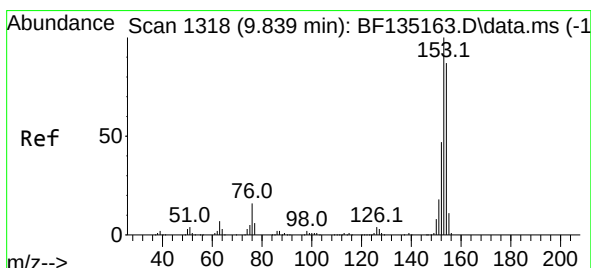
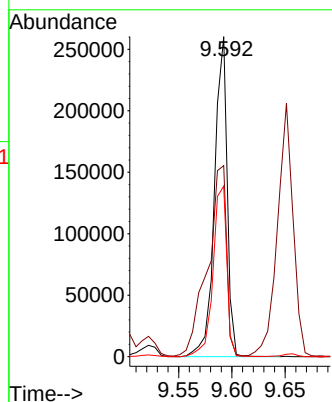
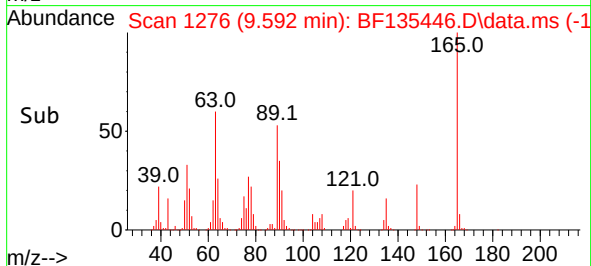


Tgt Ion:165 Resp: 215309
Ion Ratio Lower Upper
165 100
63 59.7 59.4 89.2
89 53.2 49.8 74.8

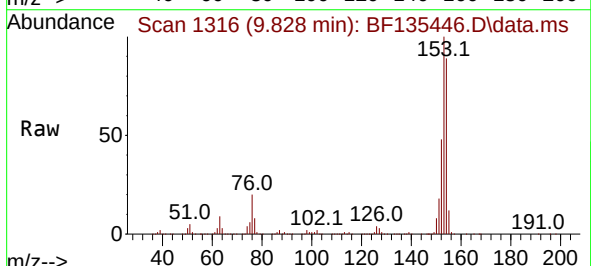
Manual Integrations

APPROVED

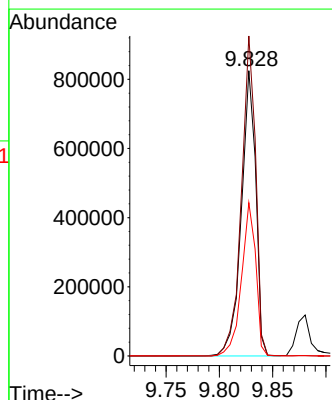
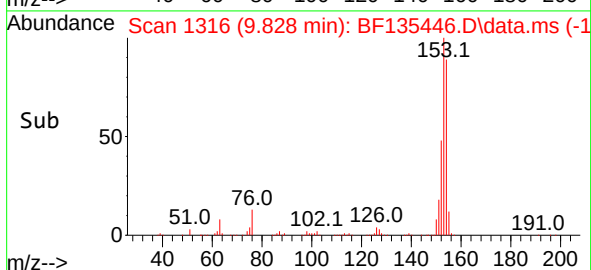
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

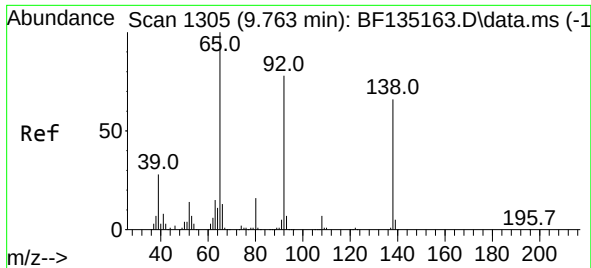


#52
Acenaphthene
Concen: 41.002 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



Tgt Ion:154 Resp: 778079
Ion Ratio Lower Upper
154 100
153 112.2 92.1 138.1
152 53.8 43.1 64.7





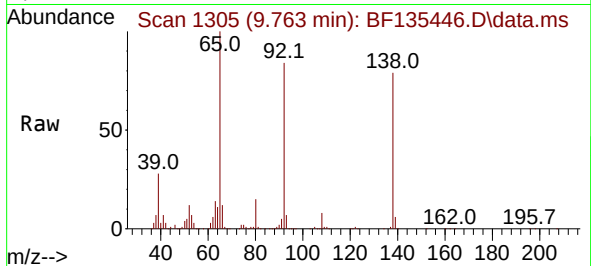
#53
3-Nitroaniline
Concen: 33.364 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

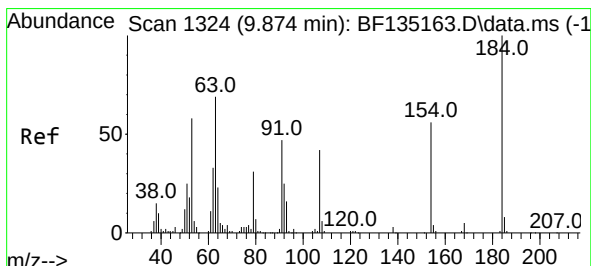
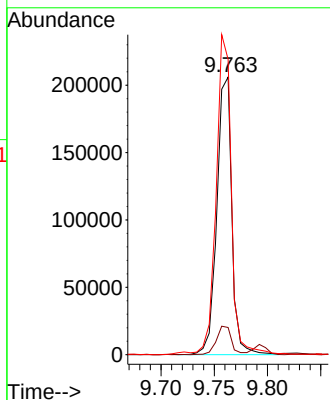
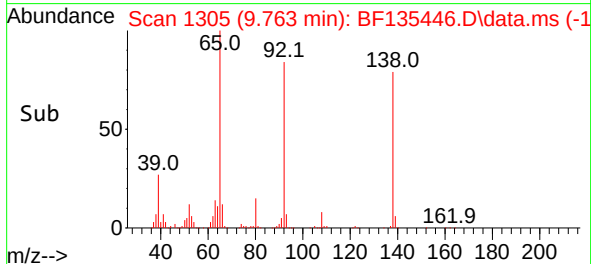


Tgt Ion:138 Resp: 201085
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 106.4 95.4 143.0

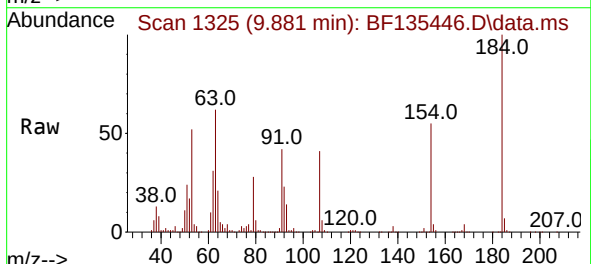
Manual Integrations

APPROVED

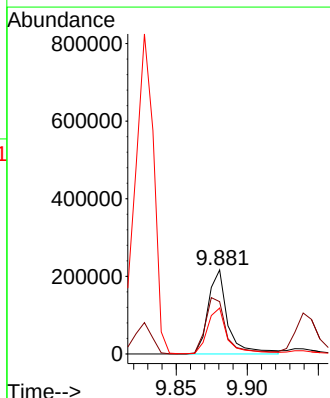
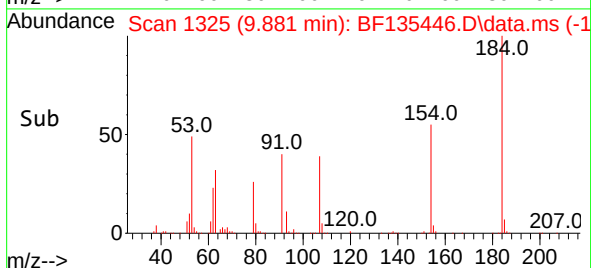
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

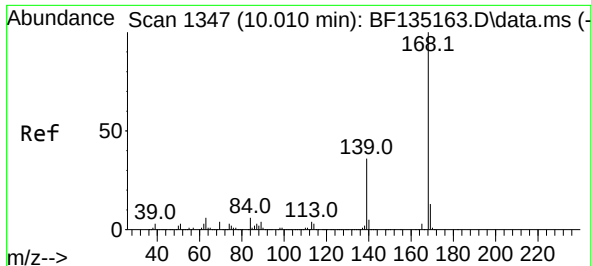


#54
2,4-Dinitrophenol
Concen: 71.962 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



Tgt Ion:184 Resp: 207769
Ion Ratio Lower Upper
184 100
63 62.3 55.1 82.7
154 54.7 48.4 72.6





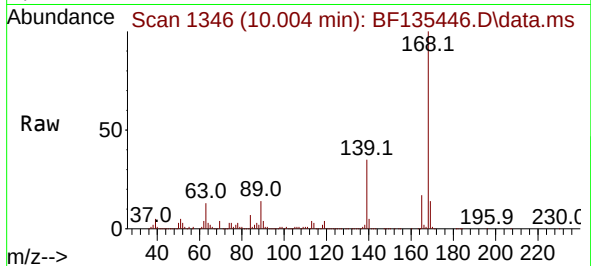
#55
Dibenzenofuran
Concen: 37.830 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS



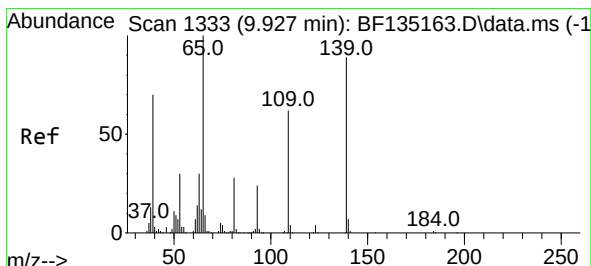
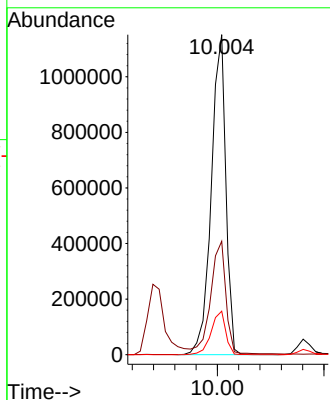
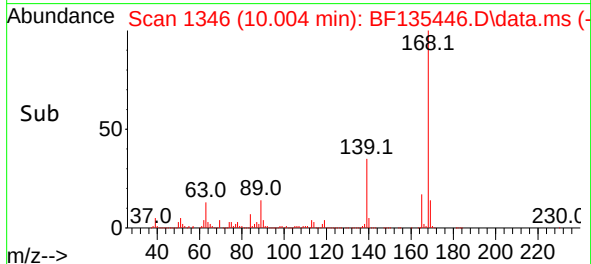
Tgt Ion:168 Resp: 1095478
Ion Ratio Lower Upper
168 100
139 35.5 29.0 43.6
169 13.6 10.4 15.6

Manual Integrations

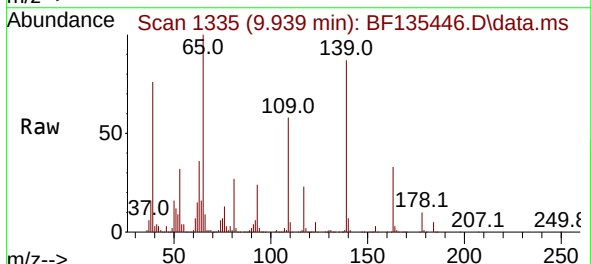
APPROVED

Reviewed By :Yogesh Patel 09/27/2023

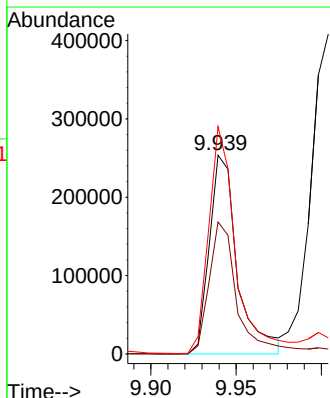
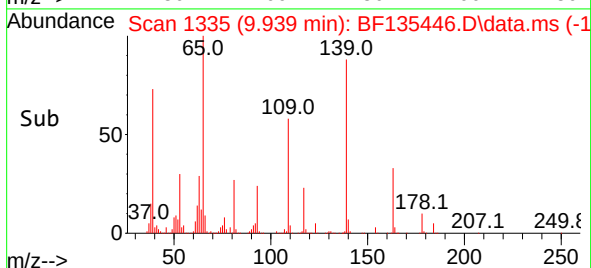
Supervised By :mohammad ahmed 09/29/2023

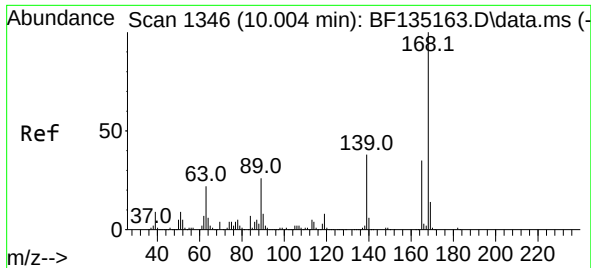


#56
4-Nitrophenol
Concen: 75.927 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



Tgt Ion:139 Resp: 290833
Ion Ratio Lower Upper
139 100
109 66.4 49.8 89.8
65 114.4 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 37.938 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

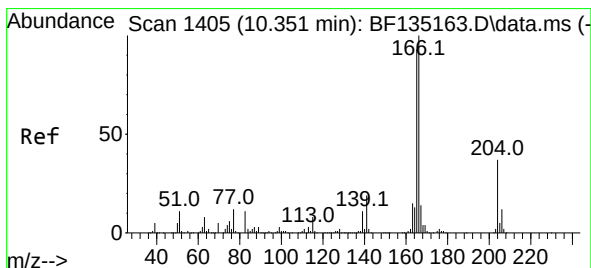
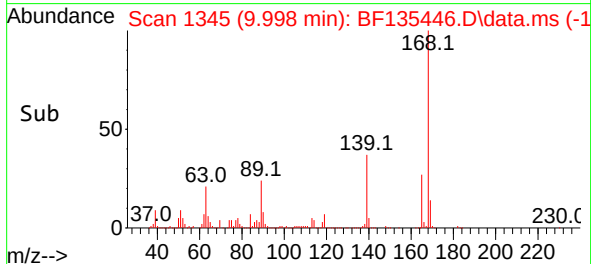
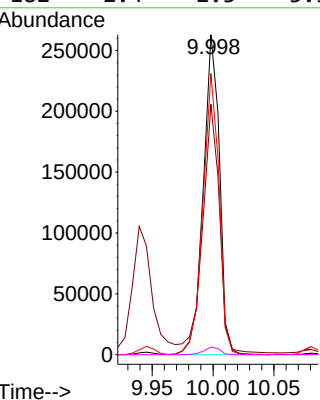
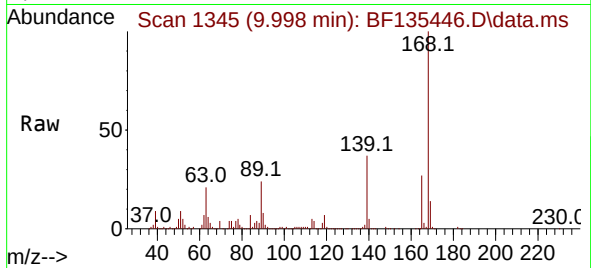
PB155707BS

Tgt Ion:165 Resp: 243860
Ion Ratio Lower Upper
165 100
63 78.3 50.1 75.1
89 87.8 59.3 88.9
182 2.4 2.3 3.5

Manual Integrations

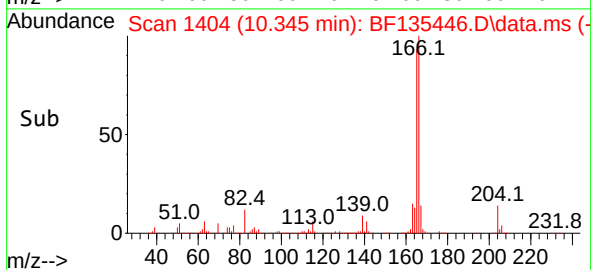
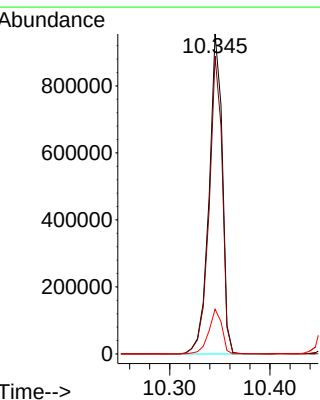
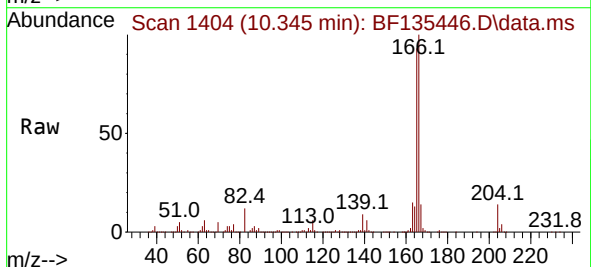
APPROVED

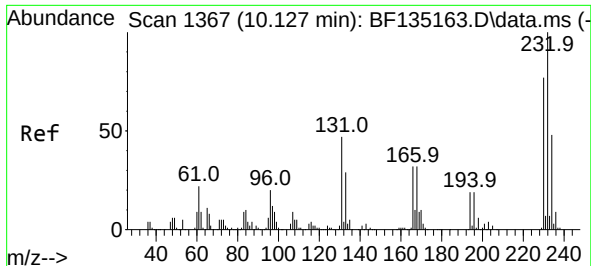
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#58
Fluorene
Concen: 39.247 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

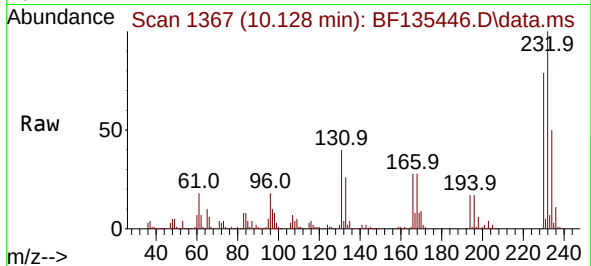
Tgt Ion:166 Resp: 873728
Ion Ratio Lower Upper
166 100
165 93.0 74.3 111.5
167 14.0 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.693 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

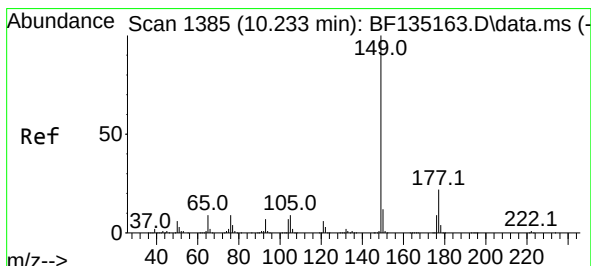
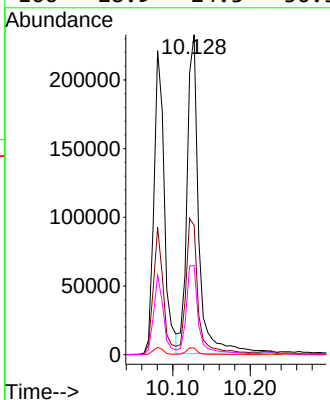
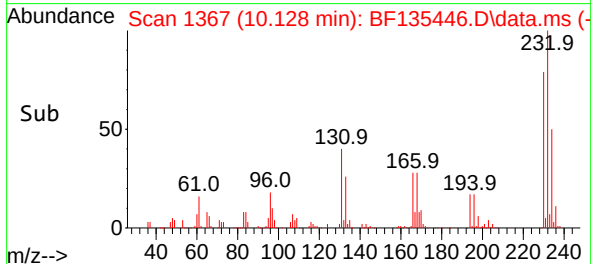
Instrument :
BNA_F
ClientSampleId :
PB155707BS



Tgt Ion:232 Resp: 242868
Ion Ratio Lower Upper
232 100
131 44.7 35.4 53.2
130 2.2 1.8 2.8
166 28.9 24.3 36.5

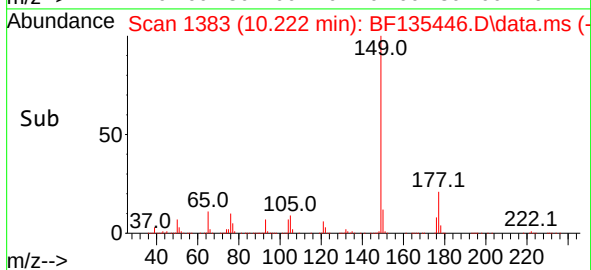
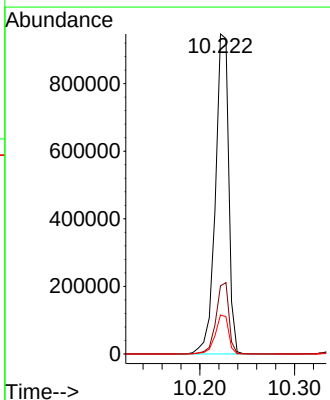
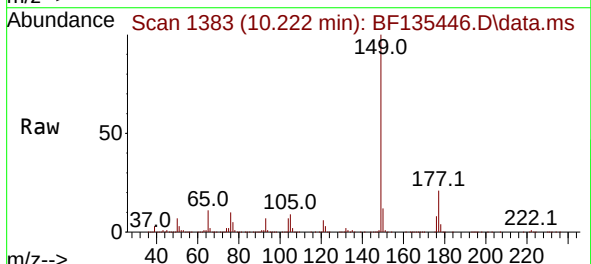
Manual Integrations
APPROVED

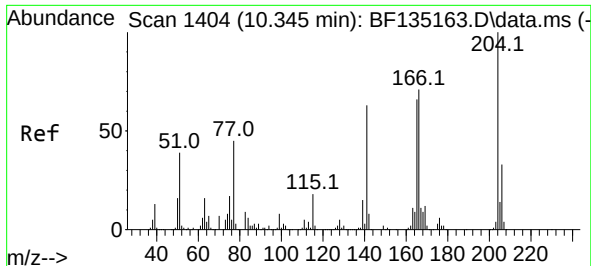
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#60
Diethylphthalate
Concen: 39.464 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

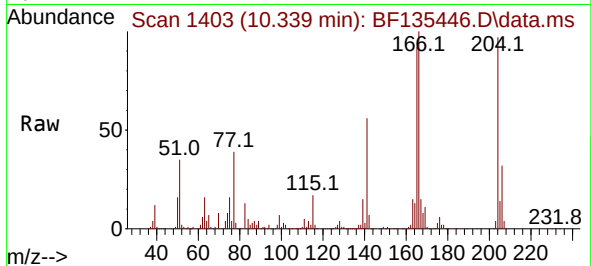
Tgt Ion:149 Resp: 928263
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.934 ng
RT: 10.339 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

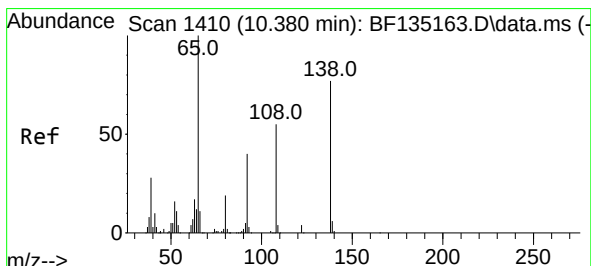
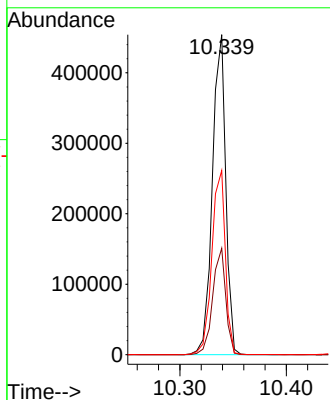
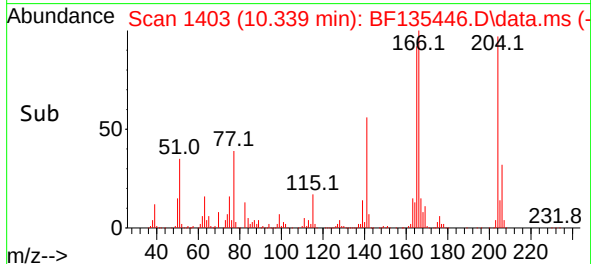
Instrument :
BNA_F
ClientSampleId :
PB155707BS



Tgt Ion:204 Resp: 394968
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 57.6 50.6 75.8

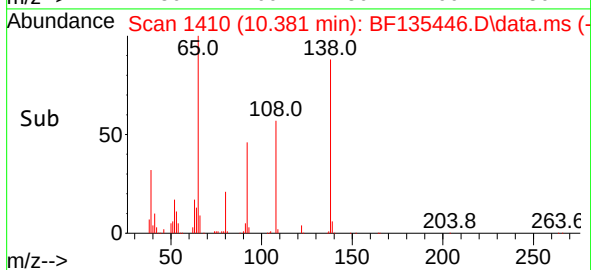
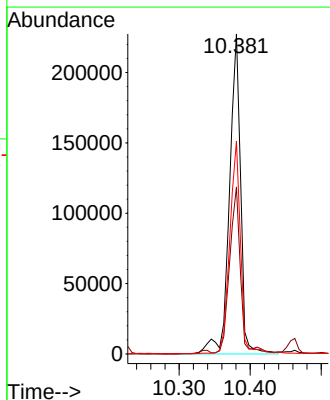
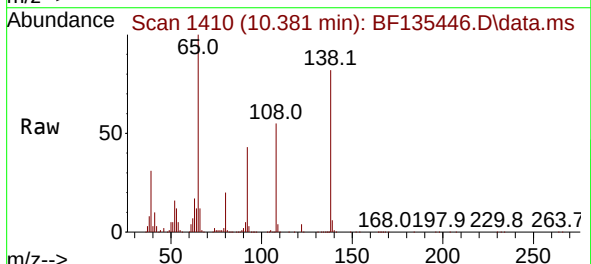
Manual Integrations
APPROVED

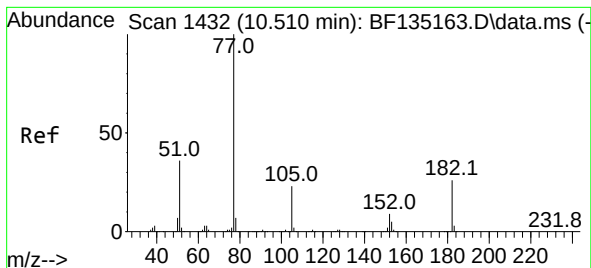
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#62
4-Nitroaniline
Concen: 43.079 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:138 Resp: 249571
Ion Ratio Lower Upper
138 100
92 52.2 31.8 71.8
108 66.5 52.0 92.0





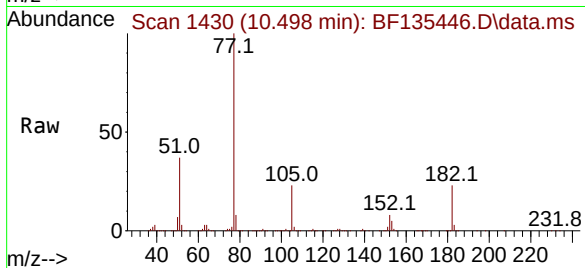
#63
Azobenzene
Concen: 42.077 ng
RT: 10.498 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

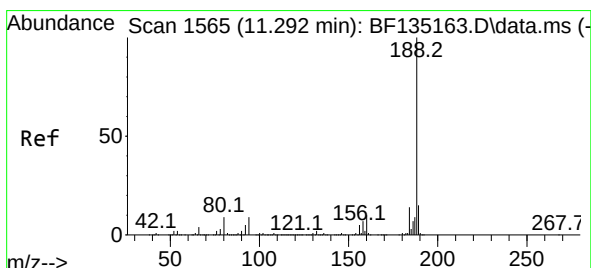
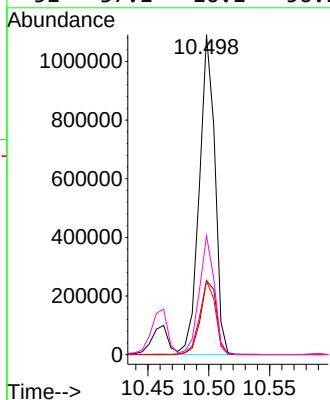
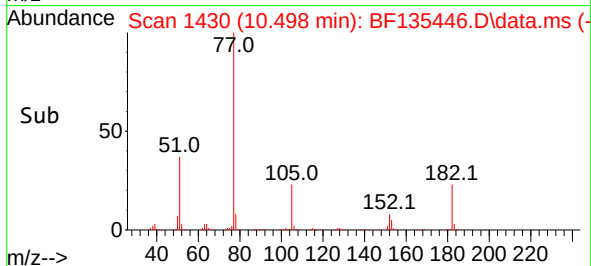


Tgt Ion: 77 Resp: 968629
Ion Ratio Lower Upper
77 100
182 23.2 6.4 46.4
105 23.1 3.1 43.1
51 37.1 16.1 56.1

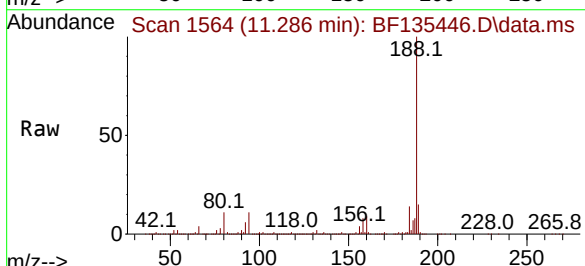
Manual Integrations

APPROVED

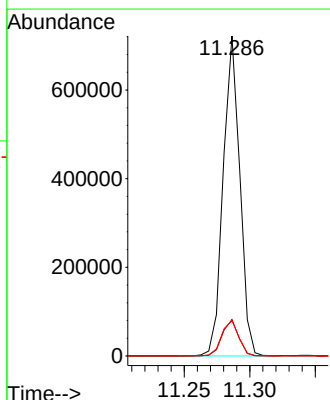
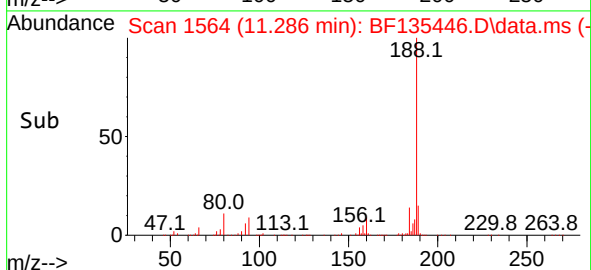
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

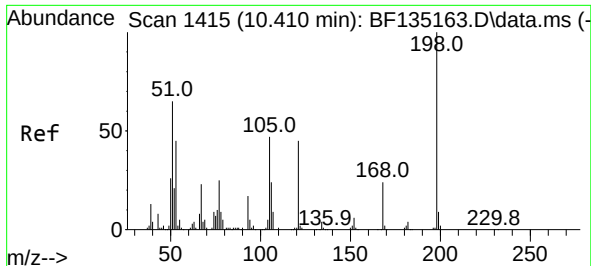


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



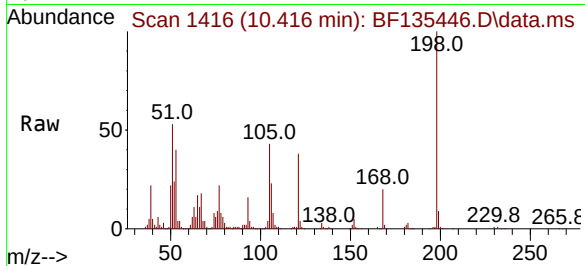
Tgt Ion:188 Resp: 636366
Ion Ratio Lower Upper
188 100
94 11.4 7.0 10.6#
80 11.1 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 42.537 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

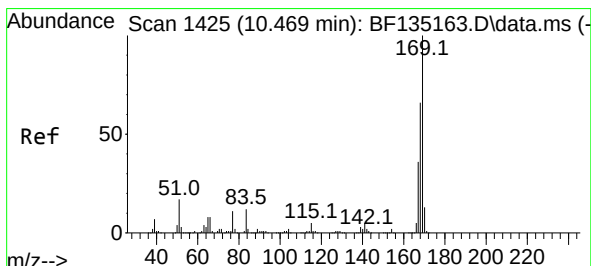
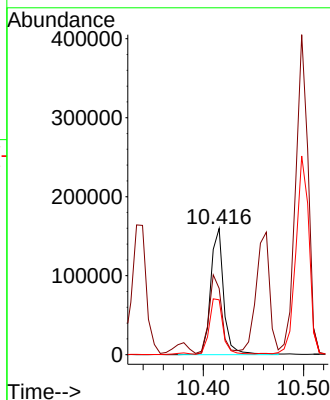
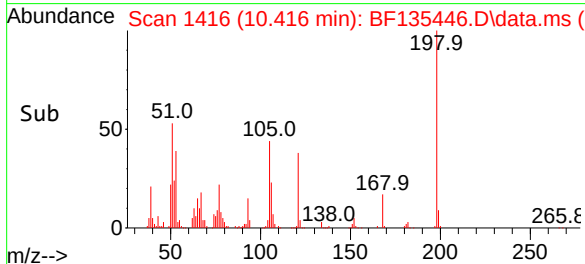
Instrument :
BNA_F
ClientSampleId :
PB155707BS



Tgt Ion:198 Resp: 143772
Ion Ratio Lower Upper
198 100
51 52.6 47.7 87.7
105 43.4 27.4 67.4

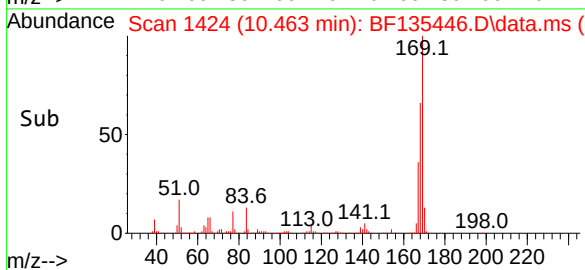
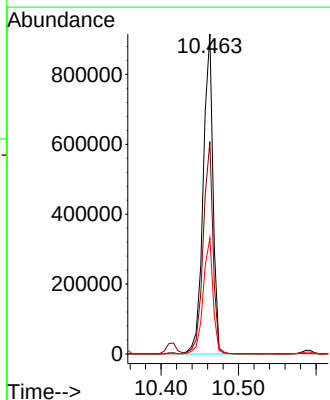
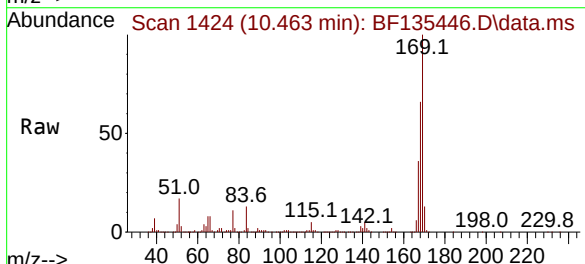
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APPROVED

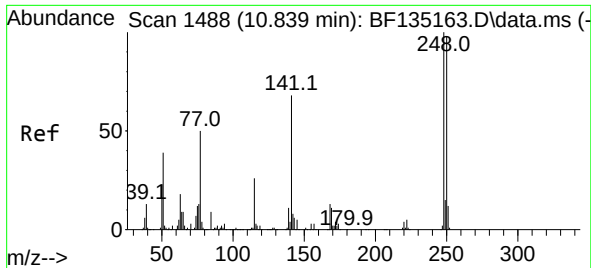
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#66
n-Nitrosodiphenylamine
Concen: 41.762 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:169 Resp: 804579
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 36.3 29.0 43.6





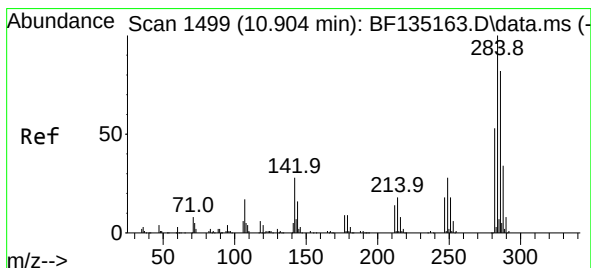
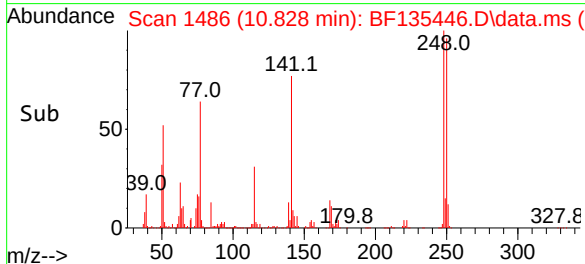
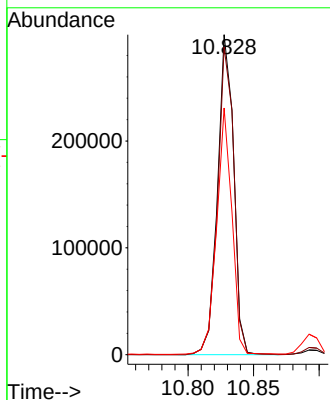
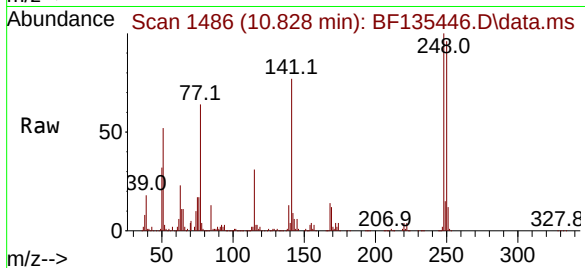
#67
4-Bromophenyl-phenylether
Concen: 40.432 ng
RT: 10.828 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB155707BS

Tgt Ion:248 Resp: 25589
Ion Ratio Lower Upper
248 100
250 96.2 78.6 117.8
141 77.1 54.2 81.2

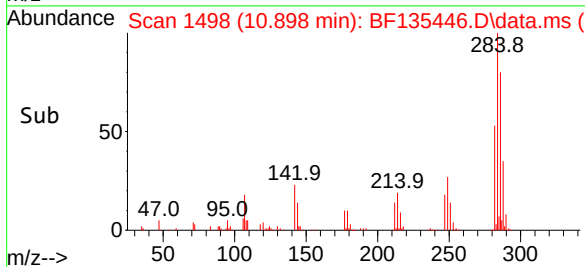
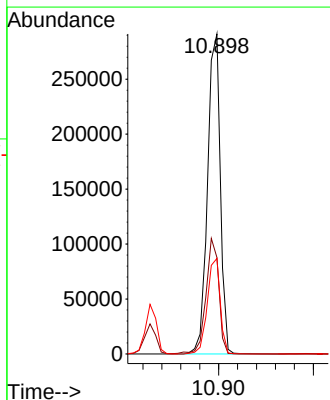
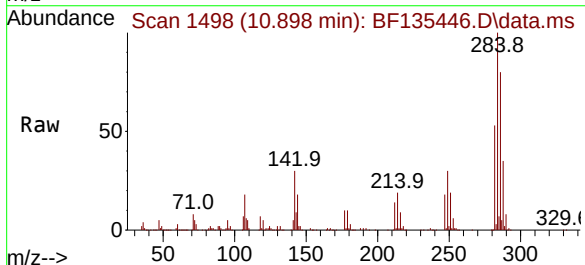
Manual Integrations
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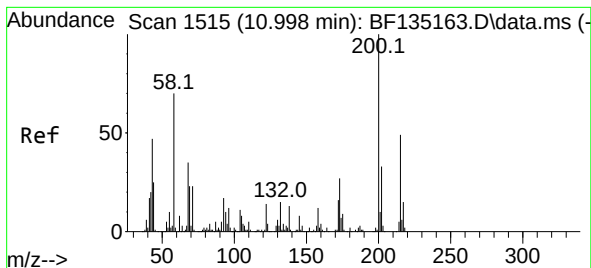
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#68
Hexachlorobenzene
Concen: 42.113 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:284 Resp: 271540
Ion Ratio Lower Upper
284 100
142 30.2 22.2 33.4
249 29.9 22.5 33.7





#69

Atrazine

Concen: 46.894 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

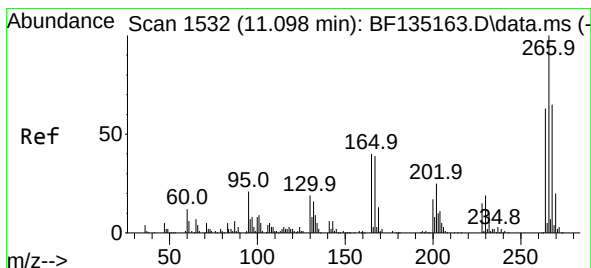
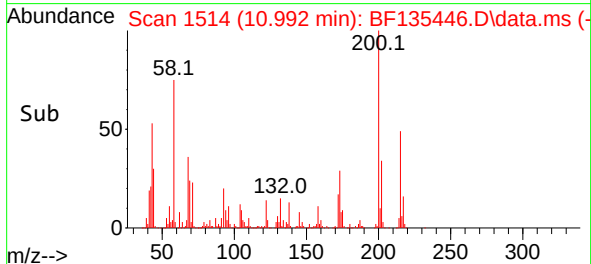
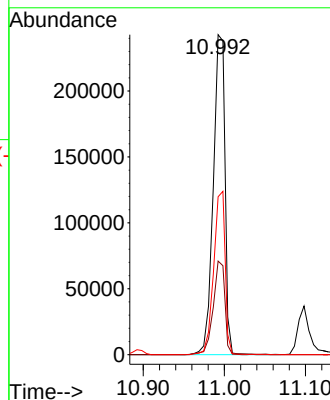
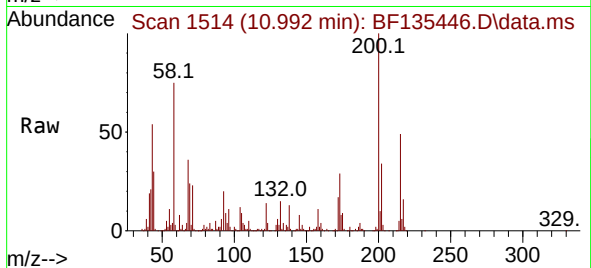
Tgt Ion:200 Resp: 24309
 Ion Ratio Lower Upper
 200 100
 173 29.2 7.4 47.4
 215 49.3 28.6 68.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#70

Pentachlorophenol

Concen: 57.998 ng

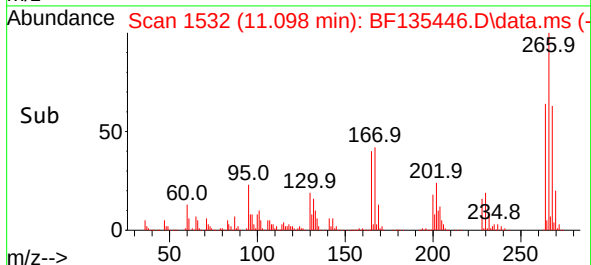
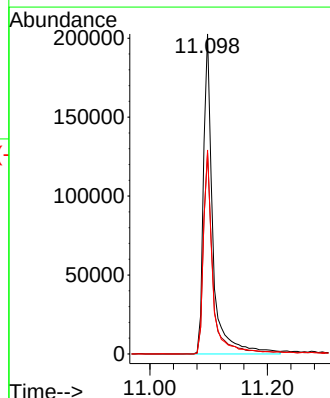
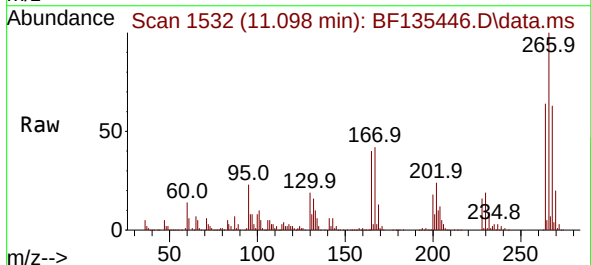
RT: 11.098 min Scan# 1532

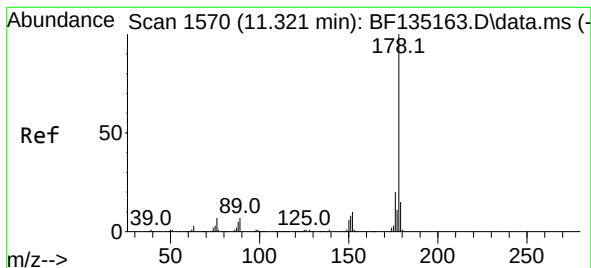
Delta R.T. 0.006 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Tgt Ion:266 Resp: 223745
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.1 78.1
 264 63.7 50.8 76.2





#71

Phenanthrene

Concen: 41.608 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.006 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

Tgt Ion:178 Resp: 125228

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

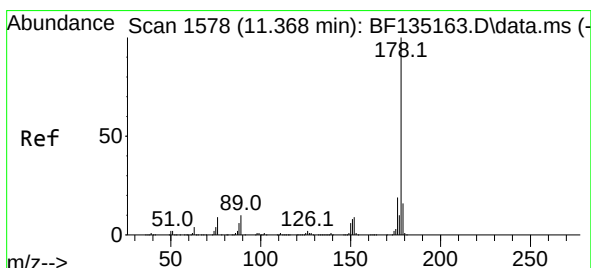
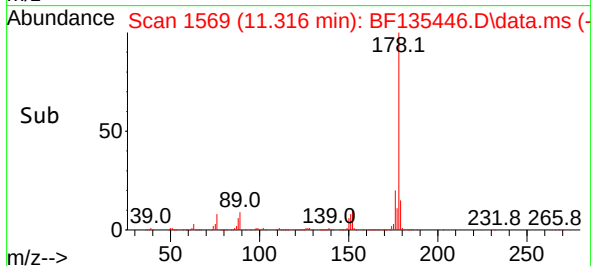
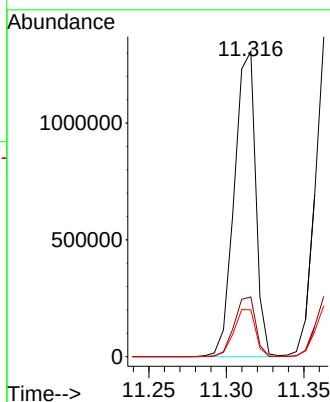
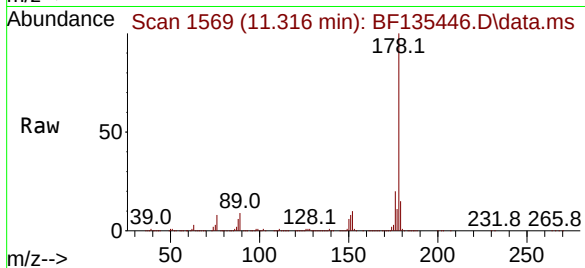
179 15.4 12.0 18.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#72

Anthracene

Concen: 41.671 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

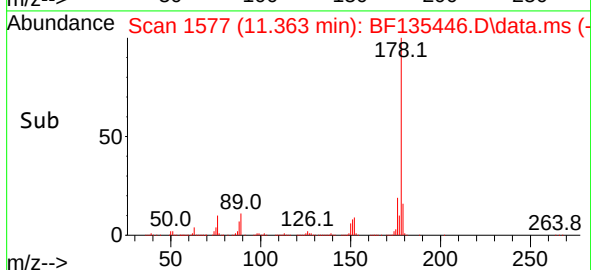
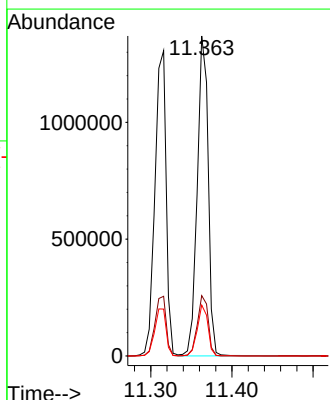
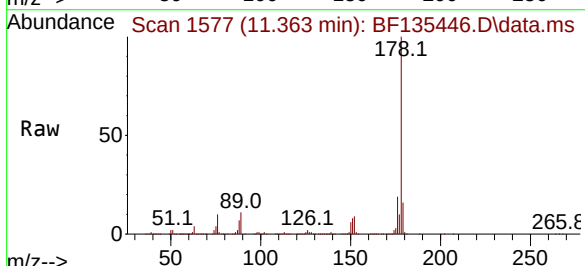
Tgt Ion:178 Resp: 1289179

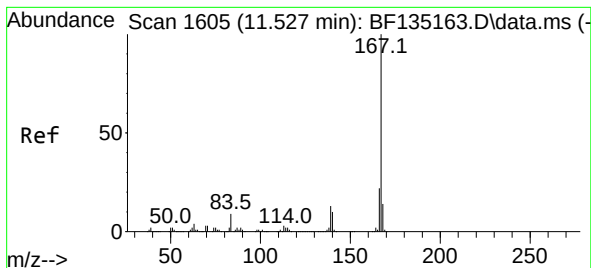
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

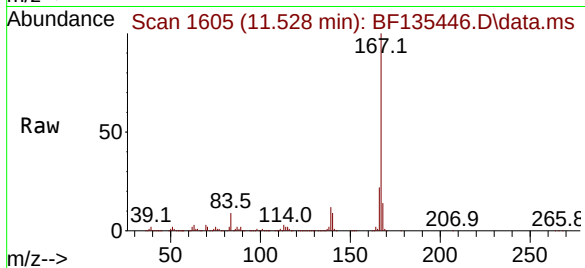
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 43.973 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.006 min
 Lab File: BF135446.D
 Acq: 26 Sep 2023 11:44

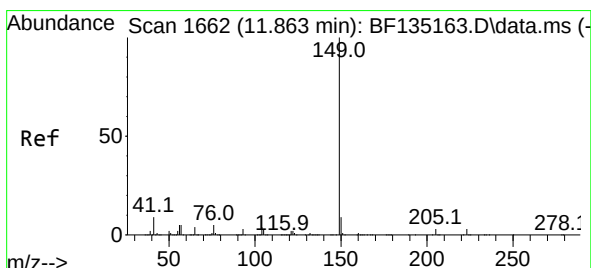
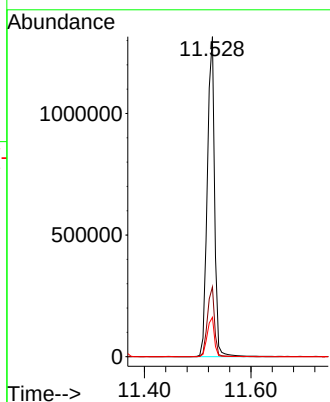
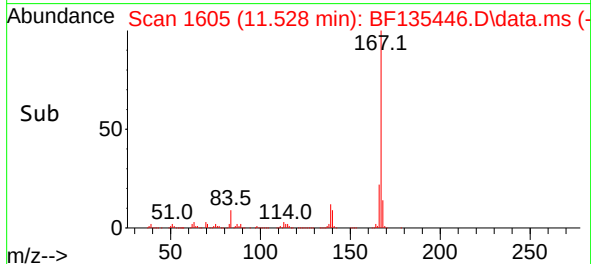
Instrument :
 BNA_F
 ClientSampleId :
 PB155707BS



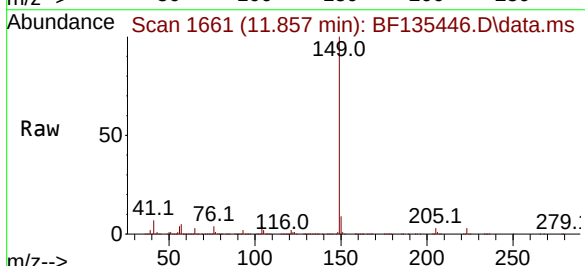
Tgt Ion:167 Resp: 1238399
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.3 10.6 15.8

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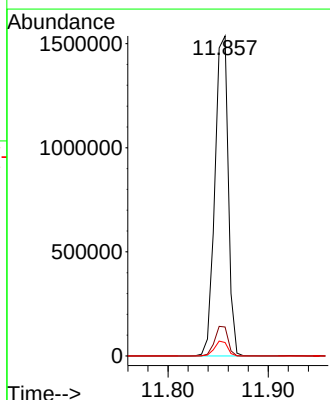
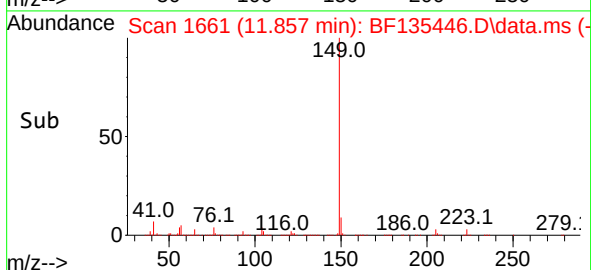
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

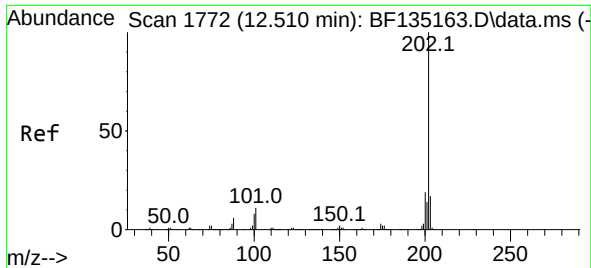


#74
 Di-n-butylphthalate
 Concen: 42.775 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: BF135446.D
 Acq: 26 Sep 2023 11:44



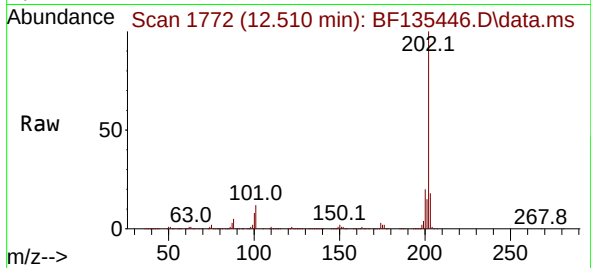
Tgt Ion:149 Resp: 1419513
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 41.211 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

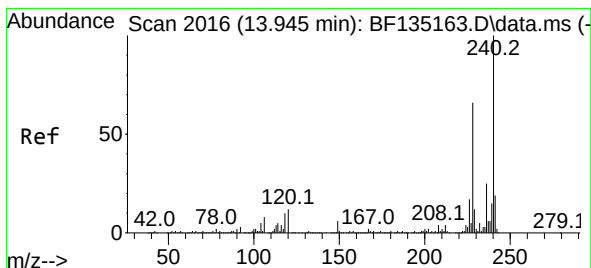
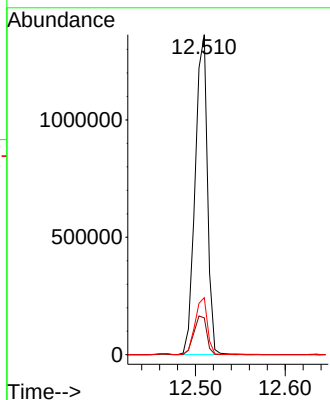
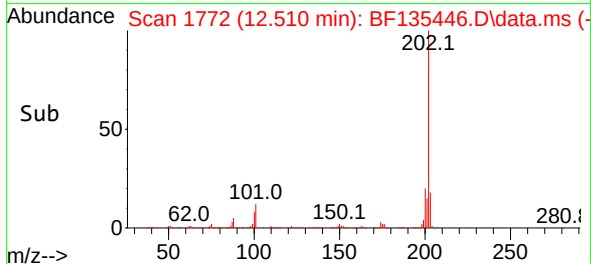
Instrument :
BNA_F
ClientSampleId :
PB155707BS



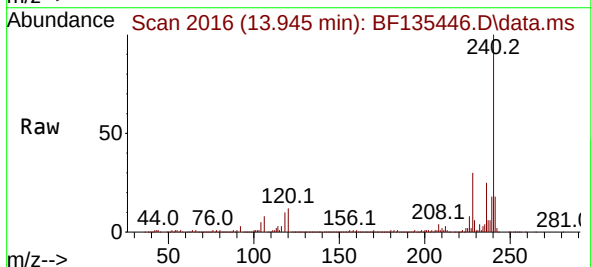
Tgt Ion:202 Resp: 1292419
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 17.8 0.0 37.4

Manual Integrations
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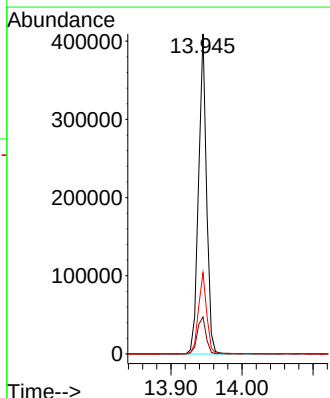
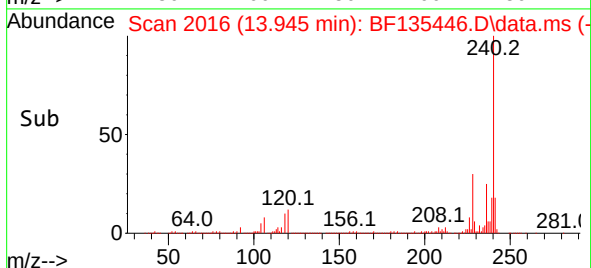
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

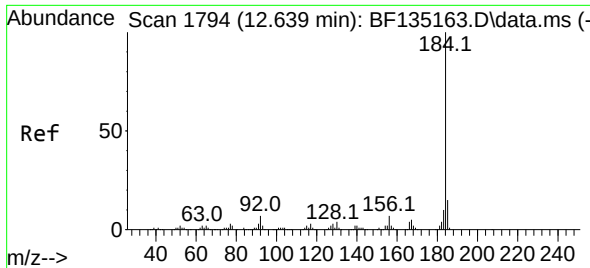


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



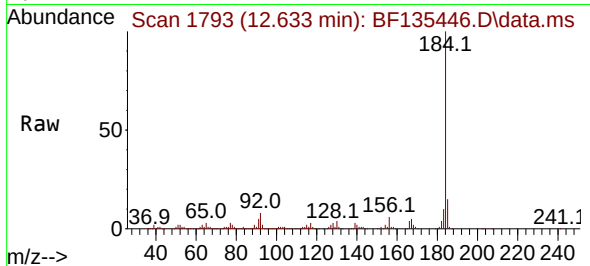
Tgt Ion:240 Resp: 320370
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.4 19.8 29.8





#77
Benzidine
Concen: 46.321 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

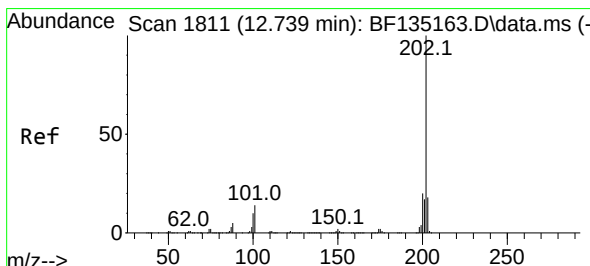
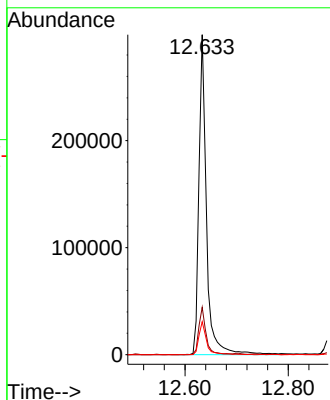
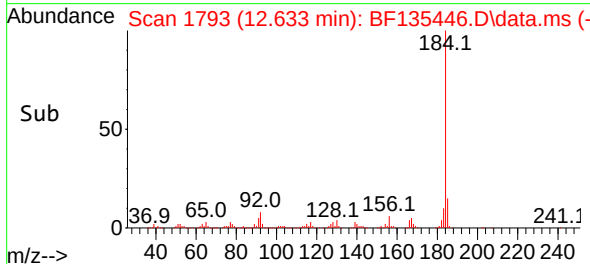
Instrument :
BNA_F
ClientSampleId :
PB155707BS



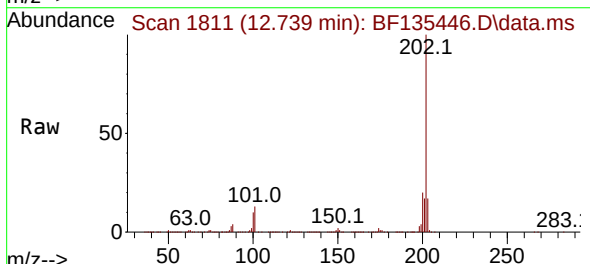
Tgt Ion:184 Resp: 304020
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.3 8.2 12.4

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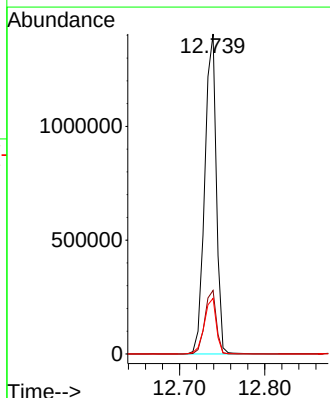
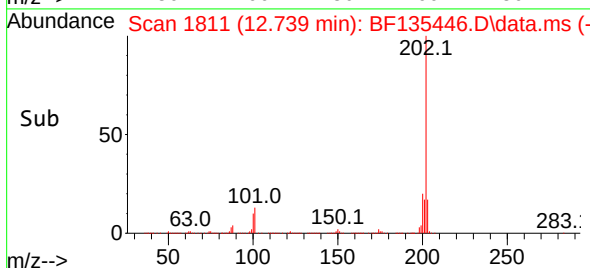
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

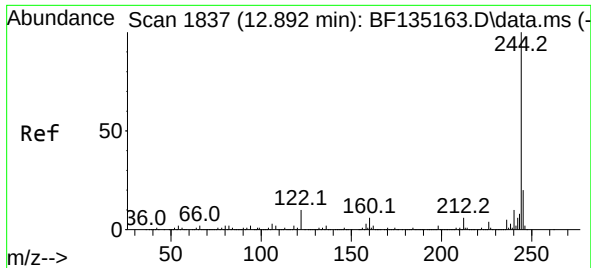


#78
Pyrene
Concen: 43.281 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



Tgt Ion:202 Resp: 1320136
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.4 14.2 21.4





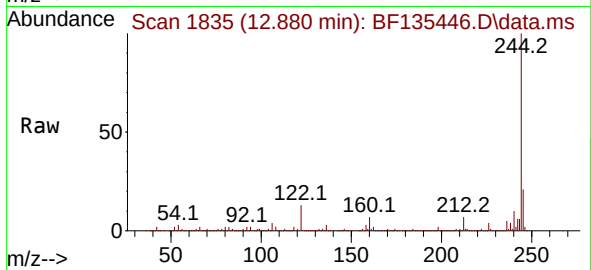
#79
 Terphenyl-d14
 Concen: 73.692 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF135446.D
 Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

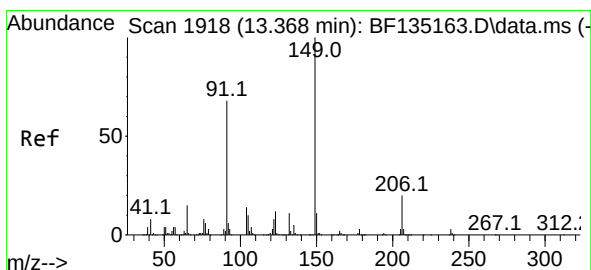
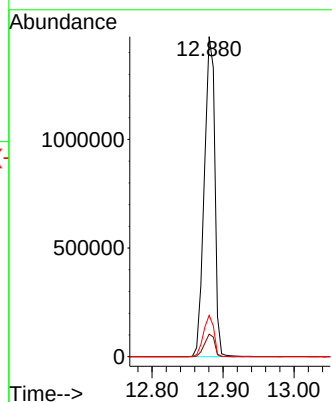
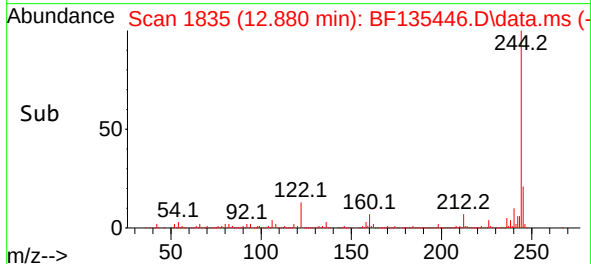


Tgt Ion:244 Resp: 152295
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.9 7.9 11.9

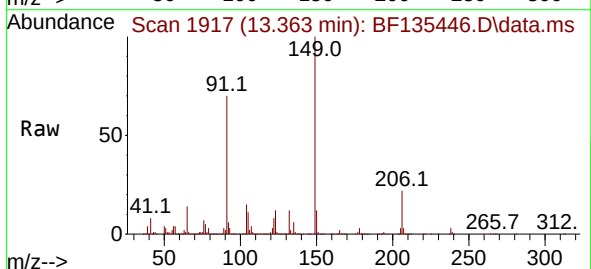
Manual Integrations

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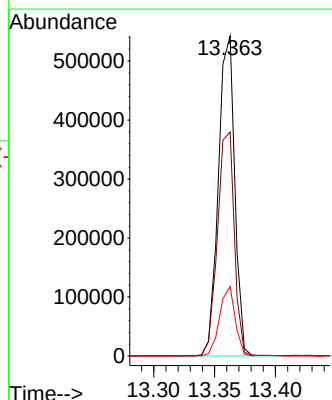
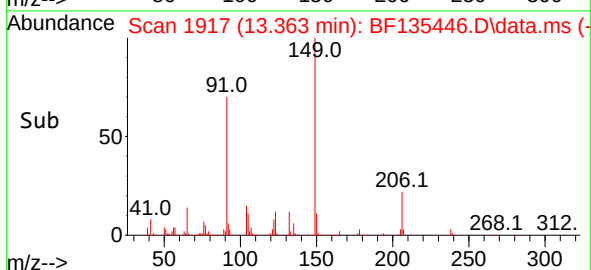
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

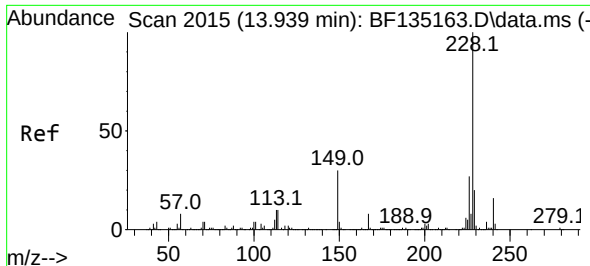


#80
 Butylbenzylphthalate
 Concen: 47.413 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. 0.006 min
 Lab File: BF135446.D
 Acq: 26 Sep 2023 11:44



Tgt Ion:149 Resp: 509174
 Ion Ratio Lower Upper
 149 100
 91 70.0 54.7 82.1
 206 21.7 16.3 24.5





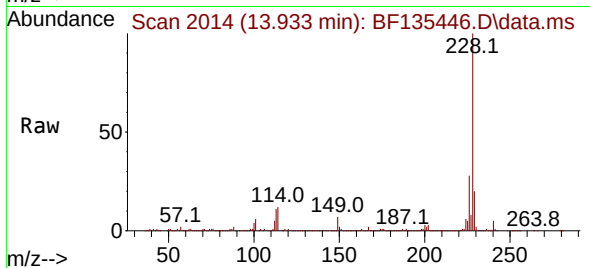
#81
Benzo(a)anthracene
Concen: 42.524 ng
RT: 13.933 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

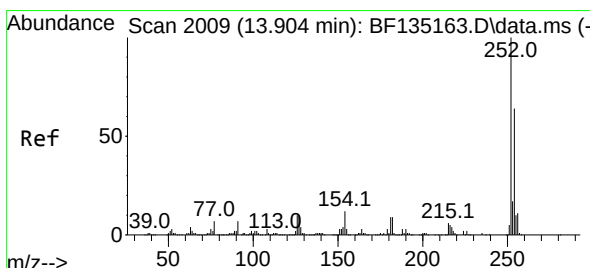
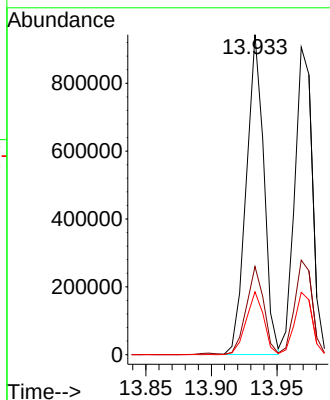
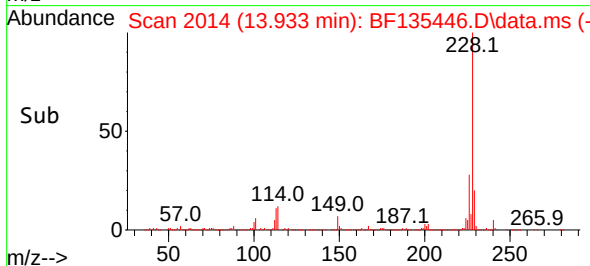


Tgt Ion:228 Resp: 879700
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.6 15.8 23.8

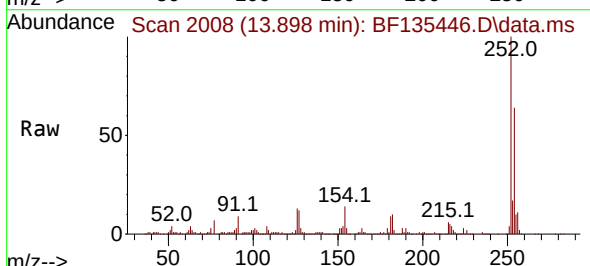
Manual Integrations

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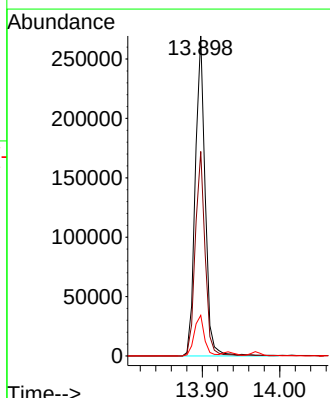
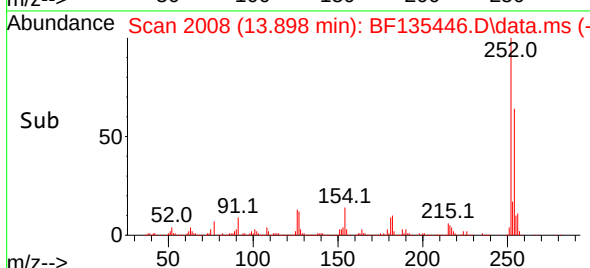
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

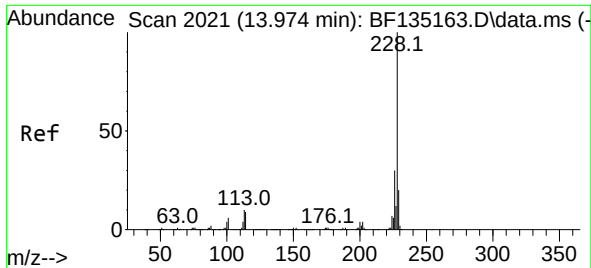


#82
3,3'-Dichlorobenzidine
Concen: 37.071 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



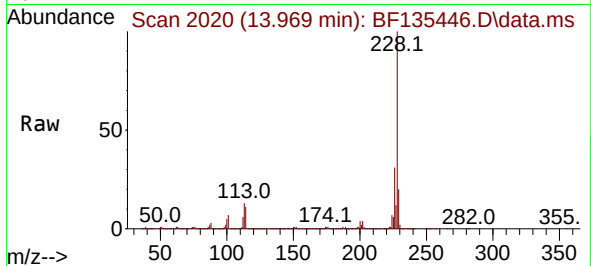
Tgt Ion:252 Resp: 239543
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.4
126 12.7 7.8 11.8





#83
Chrysene
Concen: 41.562 ng
RT: 13.969 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

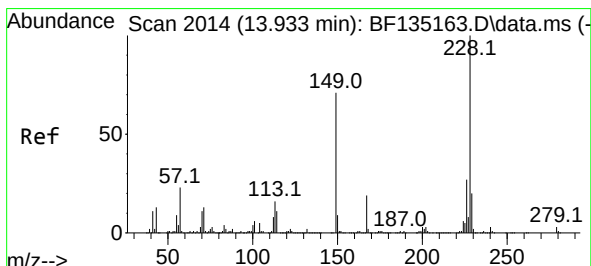
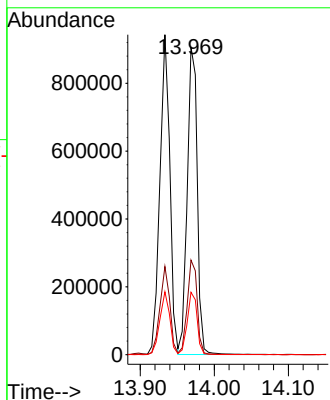
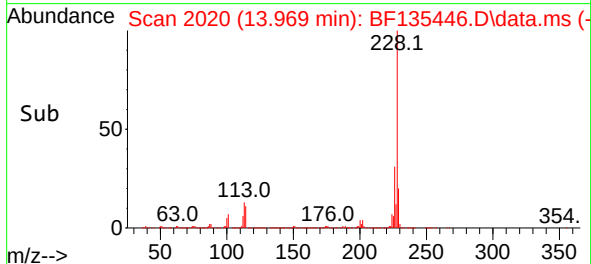
Instrument :
BNA_F
ClientSampleId :
PB155707BS



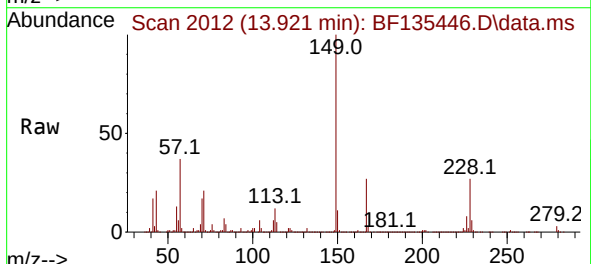
Tgt Ion:228 Resp: 85483
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 20.3 16.0 24.0

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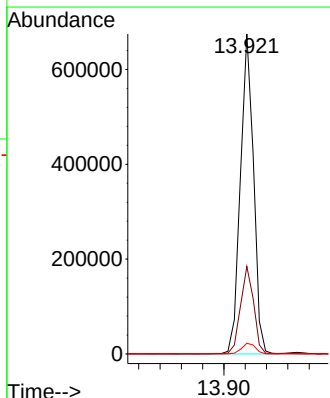
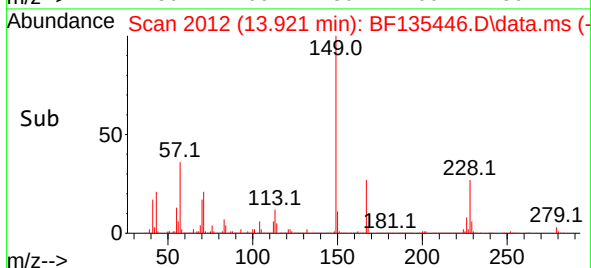
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

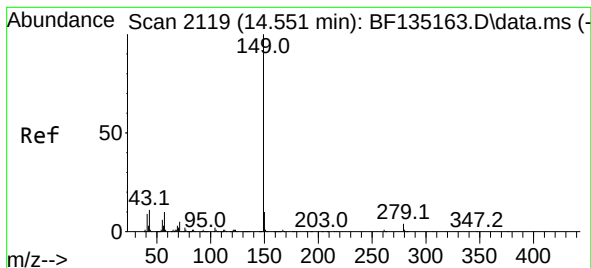


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.518 ng
RT: 13.921 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44



Tgt Ion:149 Resp: 578765
Ion Ratio Lower Upper
149 100
167 27.4 21.9 32.9
279 3.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.603 ng

RT: 14.539 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

Tgt Ion:149 Resp: 86871

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

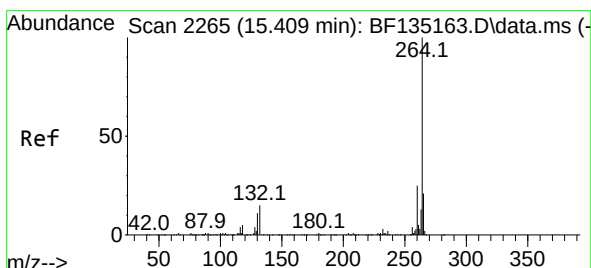
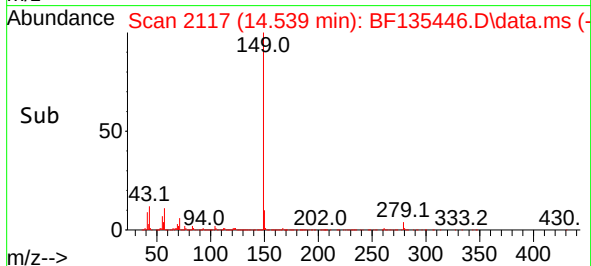
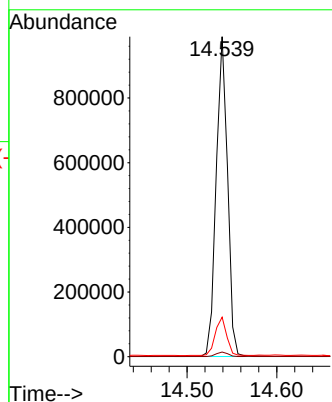
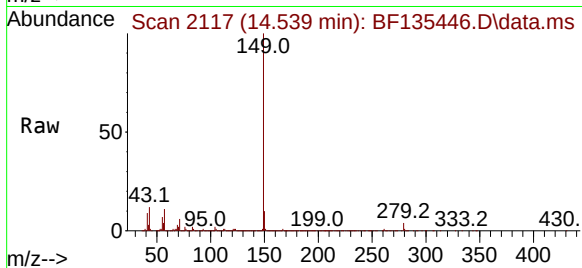
43 12.2 9.8 14.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

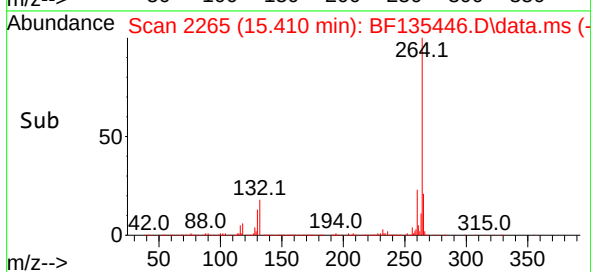
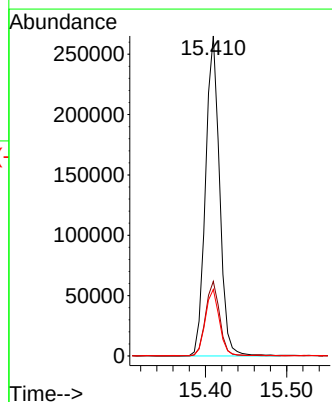
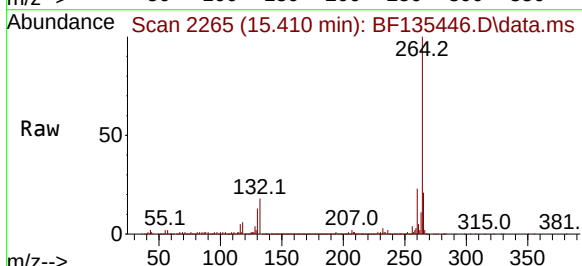
Tgt Ion:264 Resp: 318112

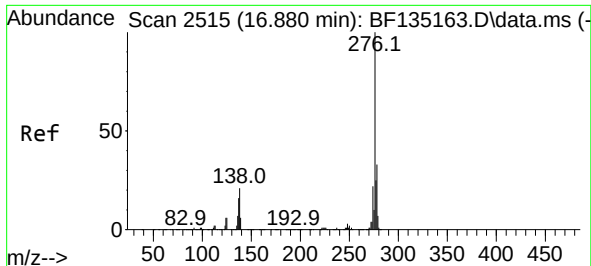
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 20.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.608 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

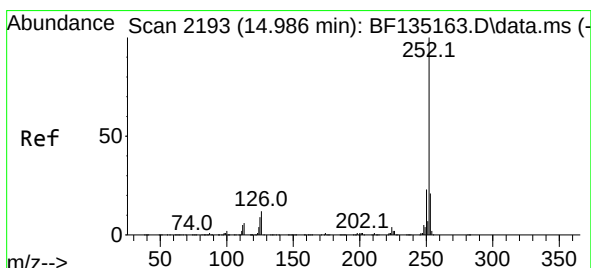
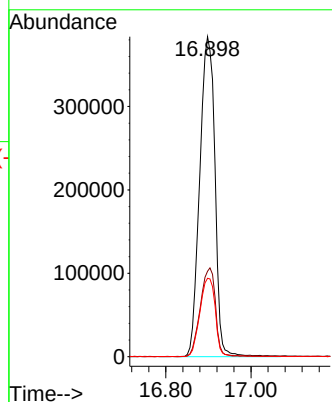
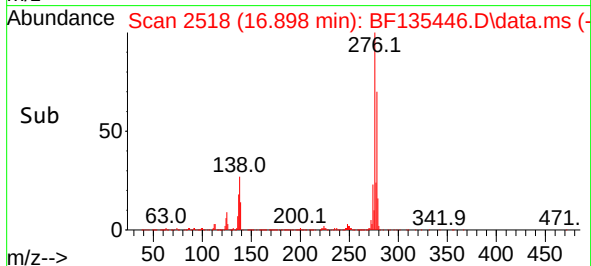
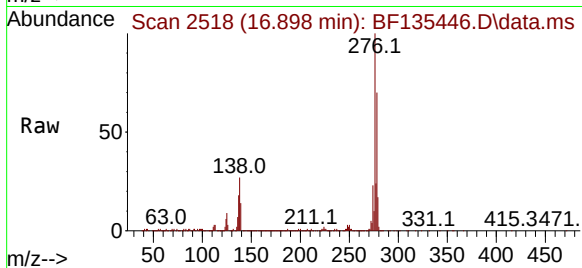
ClientSampleId :

PB155707BS

Tgt Ion:276 Resp: 95126
Ion Ratio Lower Upper
276 100
138 27.5 19.2 28.8
277 24.9 19.7 29.5

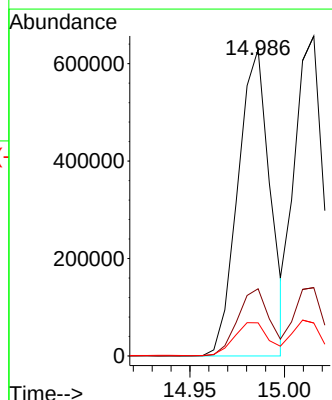
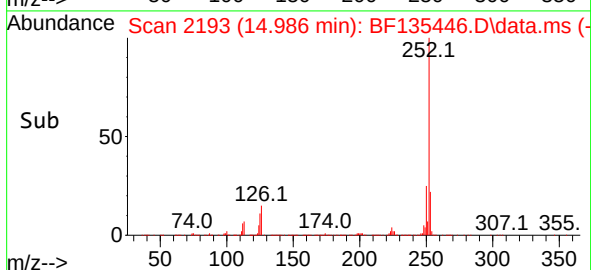
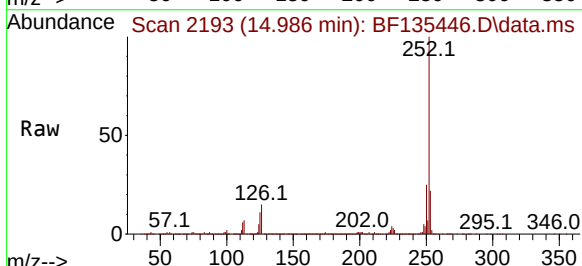
Manual Integrations
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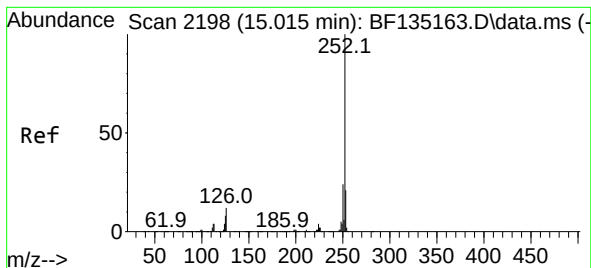
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#88
Benzo(b)fluoranthene
Concen: 43.464 ng m
RT: 14.986 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:252 Resp: 748470
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 40.940 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB155707BS

Tgt Ion:252 Resp: 69643

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

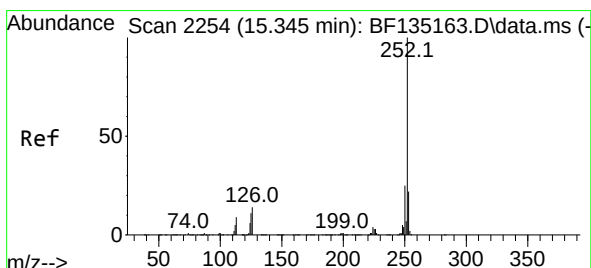
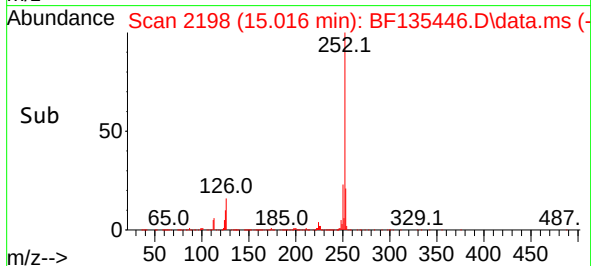
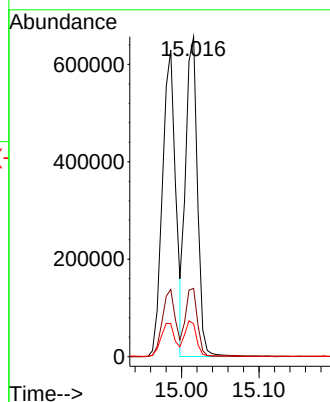
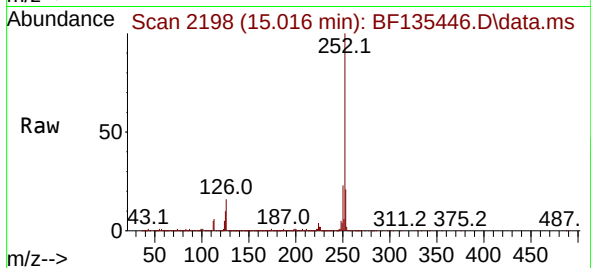
125 10.3 7.2 10.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#90

Benzo(a)pyrene

Concen: 41.778 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135446.D

Acq: 26 Sep 2023 11:44

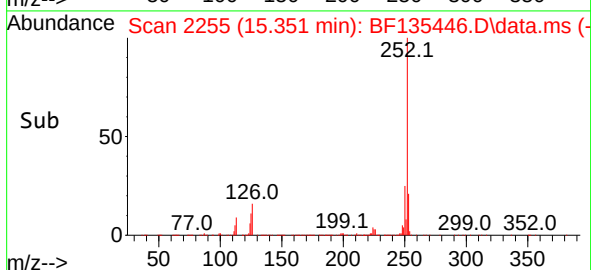
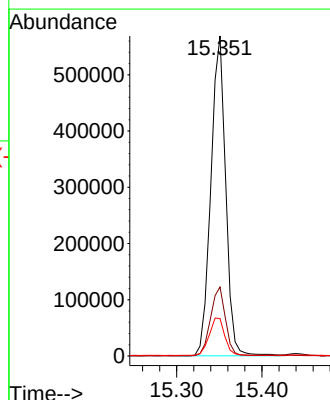
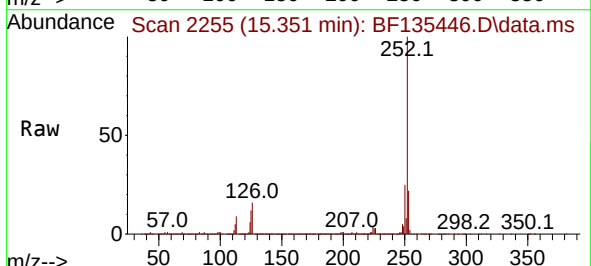
Tgt Ion:252 Resp: 686075

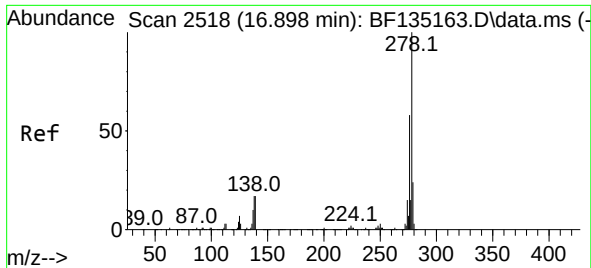
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 11.7 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 44.399 ng
RT: 16.910 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Instrument :

BNA_F

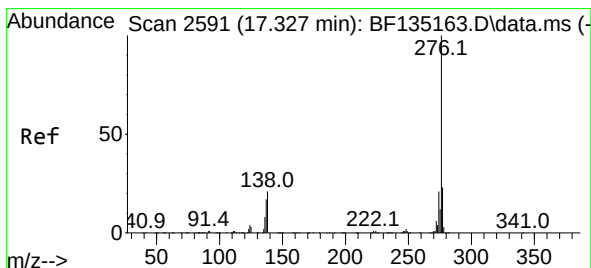
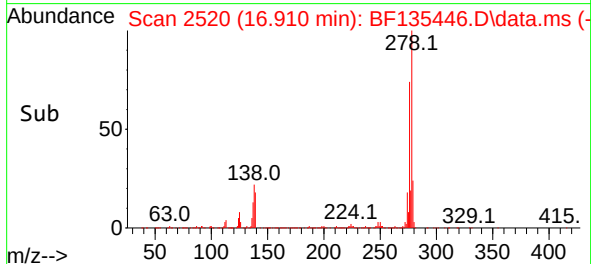
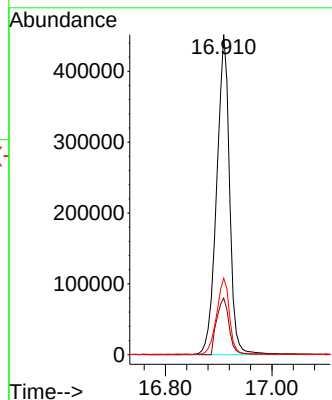
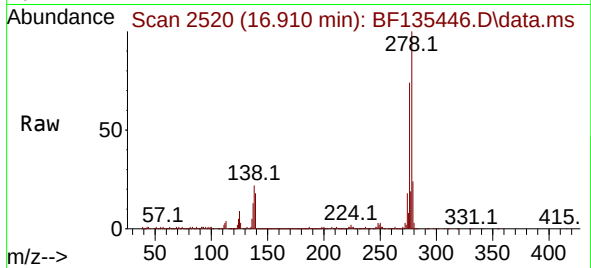
ClientSampleId :

PB155707BS

Tgt Ion:278 Resp: 75770
Ion Ratio Lower Upper
278 100
139 17.7 13.4 20.0
279 23.9 19.0 28.6

Manual Integrations
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Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#92
Benzo(g,h,i)perylene
Concen: 45.282 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF135446.D
Acq: 26 Sep 2023 11:44

Tgt Ion:276 Resp: 807063
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 24.1 16.9 25.3

