

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135447.D
 Acq On : 26 Sep 2023 12:14
 Operator : CG\JU
 Sample : PB155707BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155707BSD

Quant Time: Sep 27 02:09:43 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	177467	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	694856	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	342127	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	624827	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	293046	20.000	ng	0.00
86) Perylene-d12	15.410	264	309346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1248722	114.443	ng	0.02
7) Phenol-d6	6.410	99	1561482	112.544	ng	0.00
23) Nitrobenzene-d5	7.322	82	1005349	78.606	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	330885	97.322	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1627934	71.789	ng	0.00
79) Terphenyl-d14	12.880	244	1472964	77.919	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	190513	39.829	ng	92
3) Pyridine	3.316	79	487574	37.874	ng	94
4) n-Nitrosodimethylamine	3.275	42	300835	44.036	ng	93
6) Aniline	6.422	93	499637	27.462	ng	# 23
8) 2-Chlorophenol	6.545	128	520730	44.706	ng	97
9) Benzaldehyde	6.310	77	166044	21.008	ng	98
10) Phenol	6.422	94	597180	39.252	ng	85
11) bis(2-Chloroethyl)ether	6.498	93	512509	44.910	ng	98
12) 1,3-Dichlorobenzene	6.692	146	498634	42.123	ng	99
13) 1,4-Dichlorobenzene	6.775	146	507092	42.105	ng	99
14) 1,2-Dichlorobenzene	6.922	146	477659	42.707	ng	98
15) Benzyl Alcohol	6.904	79	412834	41.465	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	919287	42.736	ng	90
17) 2-Methylphenol	7.022	107	406608	39.558	ng	94
18) Hexachloroethane	7.257	117	191766	43.093	ng	89
19) n-Nitroso-di-n-propyla...	7.175	70	323948	37.696	ng	95
20) 3+4-Methylphenols	7.175	107	471771	38.169	ng	# 86
22) Acetophenone	7.169	105	643208	40.488	ng	96
24) Nitrobenzene	7.340	77	529675	41.900	ng	99
25) Isophorone	7.581	82	992625	42.266	ng	98
26) 2-Nitrophenol	7.657	139	273011	44.998	ng	95
27) 2,4-Dimethylphenol	7.698	122	420330	41.216	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	615783	43.807	ng	100
29) 2,4-Dichlorophenol	7.904	162	399512	42.277	ng	97
30) 1,2,4-Trichlorobenzene	7.975	180	417144	42.233	ng	99
31) Naphthalene	8.057	128	1398580	41.426	ng	99
32) Benzoic acid	7.845	122	314816	40.996	ng	97
33) 4-Chloroaniline	8.110	127	395092	26.673	ng	98
34) Hexachlorobutadiene	8.169	225	233516	39.209	ng	99
35) Caprolactam	8.486	113	133174m	41.991	ng	
36) 4-Chloro-3-methylphenol	8.604	107	437795	41.684	ng	98
37) 2-Methylnaphthalene	8.751	142	875038	38.558	ng	98
38) 1-Methylnaphthalene	8.851	142	823633	38.765	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	401492	40.507	ng	99
41) Hexachlorocyclopentadiene	8.898	237	230872	55.368	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	268537	41.380	ng	99

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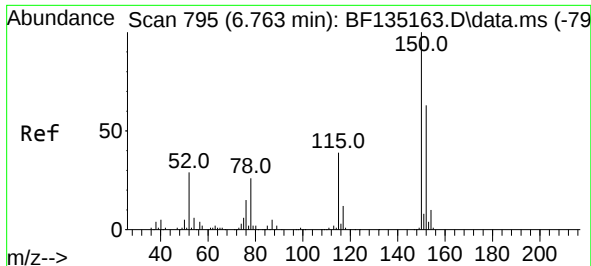
Quant Time: Sep 27 02:09:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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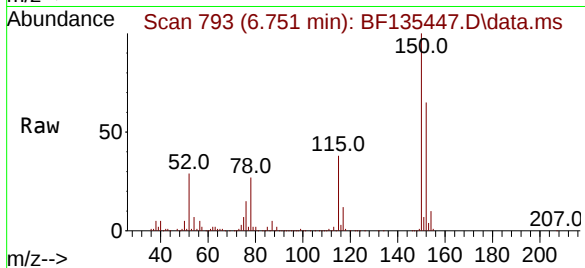
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	291947	39.064	ng	97
46) 1,1'-Biphenyl	9.216	154	1068888	40.655	ng	98
47) 2-Chloronaphthalene	9.239	162	813859	42.663	ng	98
48) 2-Nitroaniline	9.345	65	319844	43.158	ng	97
49) Acenaphthylene	9.657	152	1290391	40.702	ng	99
50) Dimethylphthalate	9.522	163	931206	40.257	ng	99
51) 2,6-Dinitrotoluene	9.592	165	213892	42.210	ng	# 83
52) Acenaphthene	9.828	154	764806	40.836	ng	99
53) 3-Nitroaniline	9.757	138	196376	33.015	ng	99
54) 2,4-Dinitrophenol	9.875	184	200999	70.663	ng	90
55) Dibenzofuran	10.004	168	1072767	37.536	ng	99
56) 4-Nitrophenol	9.939	139	282983	74.856	ng	97
57) 2,4-Dinitrotoluene	9.998	165	238487	37.594	ng	# 80
58) Fluorene	10.345	166	851619	38.761	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	235165	40.906	ng	99
60) Diethylphthalate	10.222	149	913020	39.330	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	396989	37.615	ng	92
62) 4-Nitroaniline	10.380	138	221755	38.784	ng	95
63) Azobenzene	10.498	77	948767	41.760	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	143613	43.274	ng	95
66) n-Nitrosodiphenylamine	10.463	169	799191	42.249	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	249158	40.094	ng	96
68) Hexachlorobenzene	10.892	284	265033	41.863	ng	# 87
69) Atrazine	10.992	200	238554	46.868	ng	99
70) Pentachlorophenol	11.098	266	224759	59.337	ng	96
71) Phenanthrene	11.310	178	1226394	41.500	ng	99
72) Anthracene	11.363	178	1266833	41.705	ng	100
73) Carbazole	11.527	167	1188040	42.964	ng	98
74) Di-n-butylphthalate	11.851	149	1360682	41.760	ng	99
75) Fluoranthene	12.510	202	1239070	40.239	ng	99
77) Benzidine	12.633	184	284236	47.344	ng	99
78) Pyrene	12.733	202	1238333	44.384	ng	100
80) Butylbenzylphthalate	13.363	149	465491	47.387	ng	97
81) Benzo(a)anthracene	13.933	228	809855	42.798	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	223004	37.730	ng	# 96
83) Chrysene	13.969	228	783789	41.661	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	532220	52.798	ng	# 99
85) Di-n-octyl phthalate	14.539	149	796010	49.690	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	939928	46.341	ng	96
88) Benzo(b)fluoranthene	14.986	252	741456	44.277	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	674847	40.796	ng	# 97
90) Benzo(a)pyrene	15.351	252	676284	42.348	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	764281	46.053	ng	98
92) Benzo(g,h,i)perylene	17.345	276	812682	46.889	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

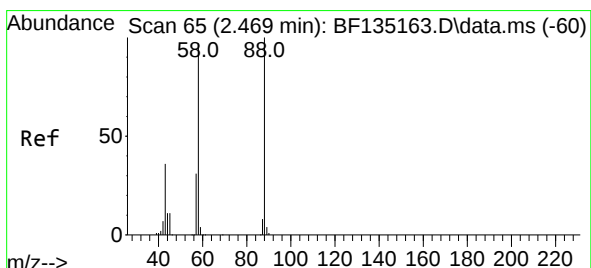
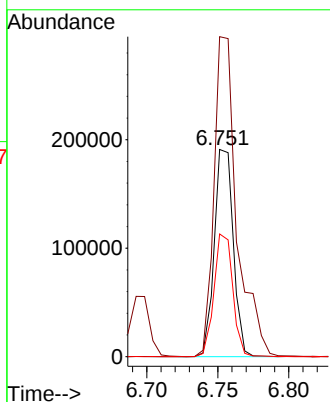
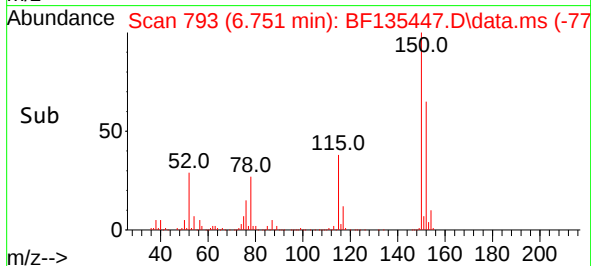
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:152 Resp: 17746
Ion Ratio Lower Upper
152 100
150 154.5 127.8 191.6
115 59.2 49.8 74.8

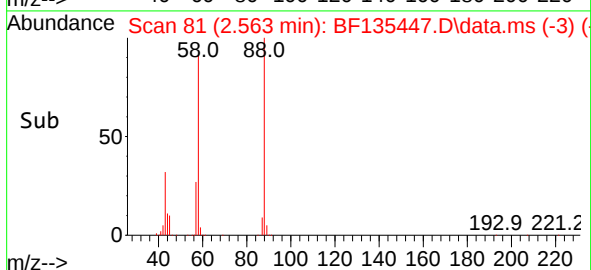
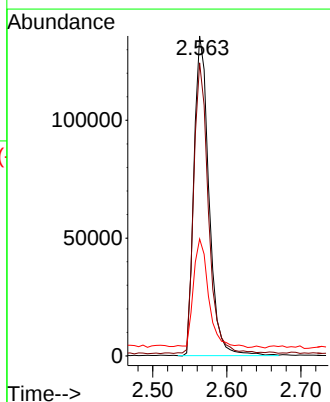
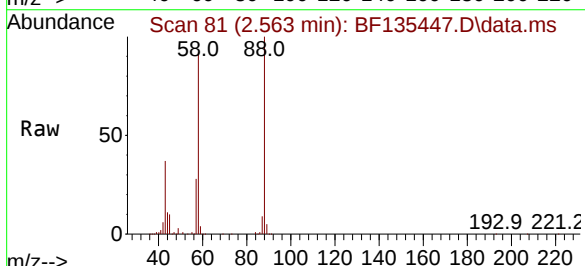
Manual Integrations
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#2
1,4-Dioxane
Concen: 39.829 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.112 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

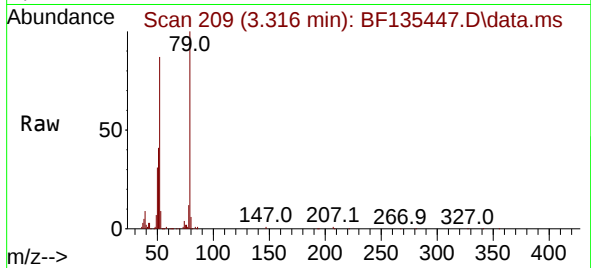
Tgt Ion: 88 Resp: 190513
Ion Ratio Lower Upper
88 100
58 88.8 78.3 117.5
43 34.3 29.4 44.0





#3
Pyridine
Concen: 37.874 ng
RT: 3.316 min Scan# 20
Delta R.T. 0.118 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

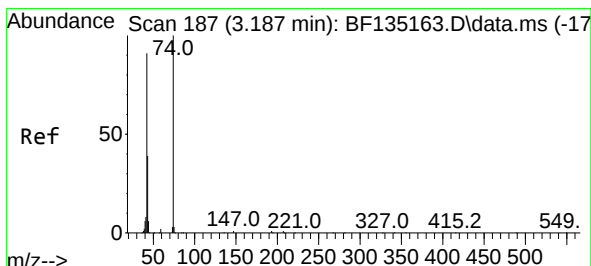
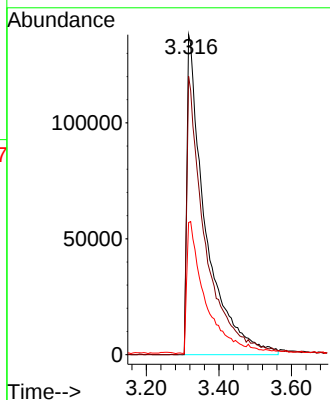
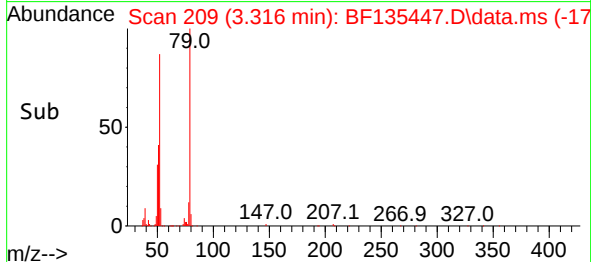
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



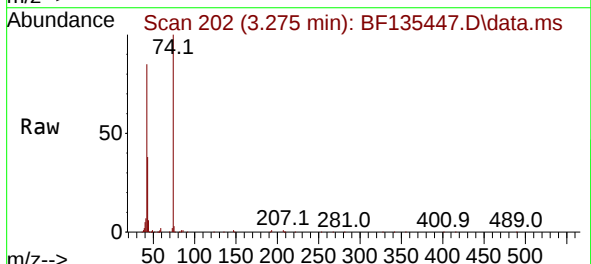
Tgt Ion: 79 Resp: 487574
Ion Ratio Lower Upper
79 100
52 87.0 74.1 111.1
51 41.3 35.8 53.8

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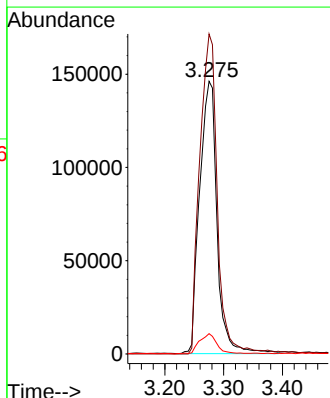
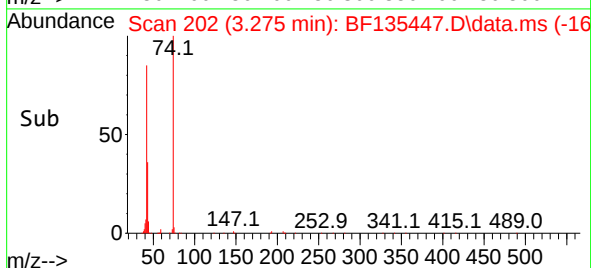
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

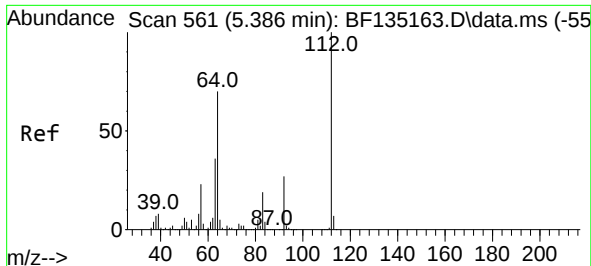


#4
n-Nitrosodimethylamine
Concen: 44.036 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.106 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14



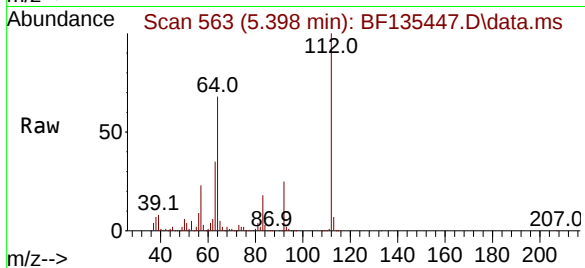
Tgt Ion: 42 Resp: 300835
Ion Ratio Lower Upper
42 100
74 117.4 87.7 131.5
44 7.4 5.6 8.4





#5
2-Fluorophenol
Concen: 114.443 ng
RT: 5.398 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

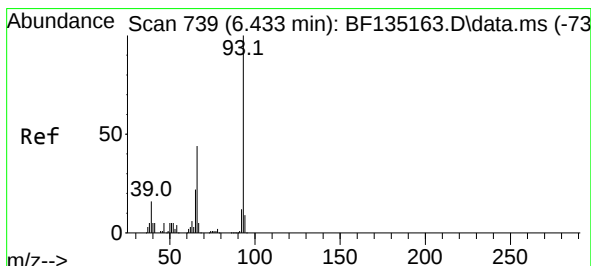
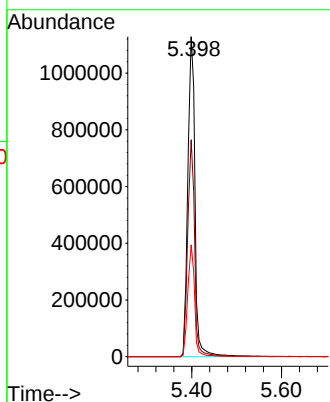
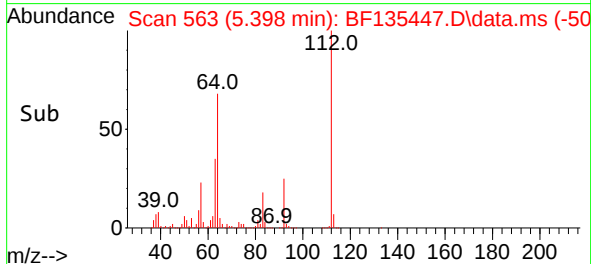
Instrument :
BNA_F
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Tgt Ion:112 Resp: 124872
Ion Ratio Lower Upper
112 100
64 67.8 55.9 83.9
63 35.0 29.0 43.6

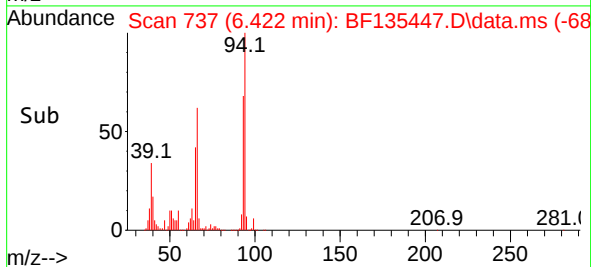
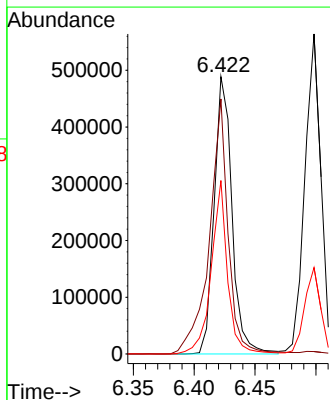
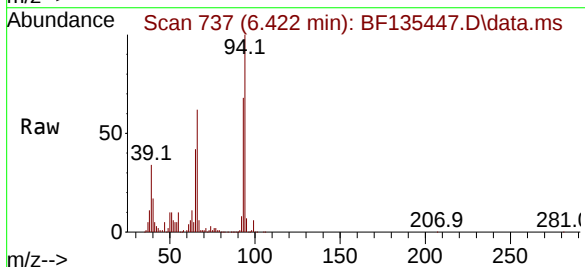
Manual Integrations
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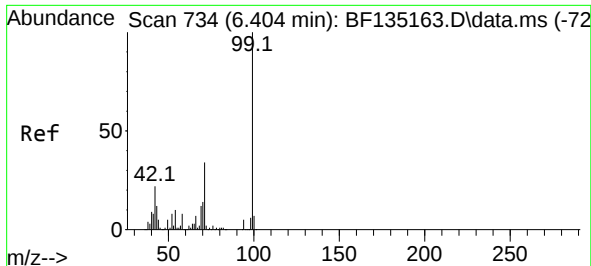
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#6
Aniline
Concen: 27.462 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion: 93 Resp: 499637
Ion Ratio Lower Upper
93 100
66 91.9 35.4 53.0#
65 62.5 17.8 26.8#





#7

Phenol-d6

Concen: 112.544 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

Tgt Ion: 99 Resp: 156148

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

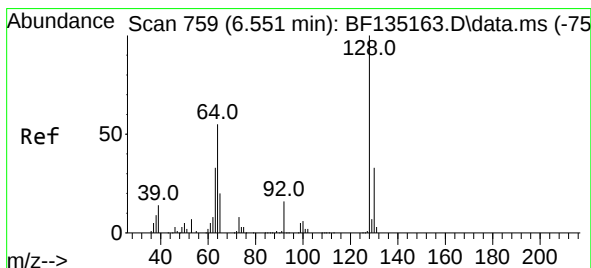
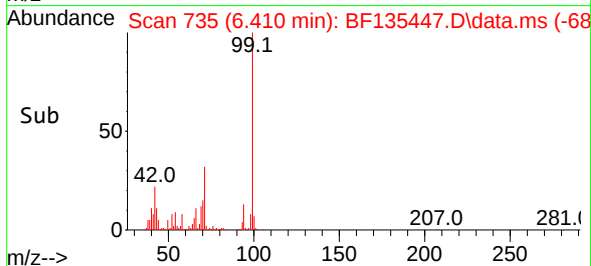
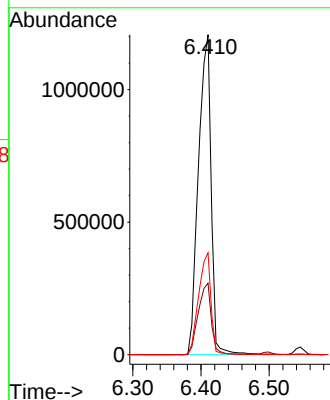
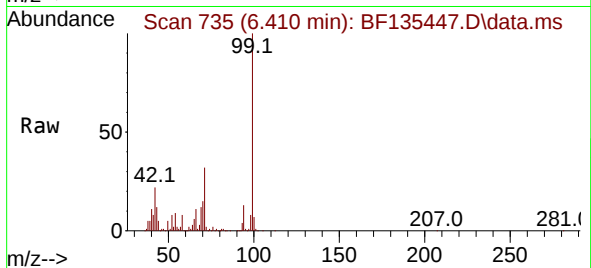
71 31.8 27.0 40.6

Manual Integrations

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Supervised By :mohammad ahmed 09/29/2023



#8

2-Chlorophenol

Concen: 44.706 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

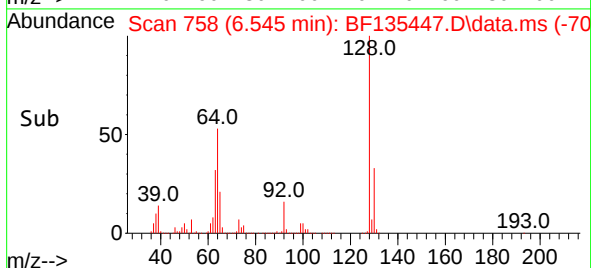
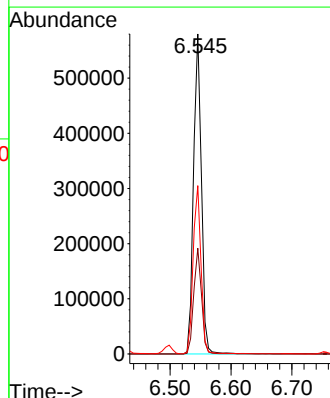
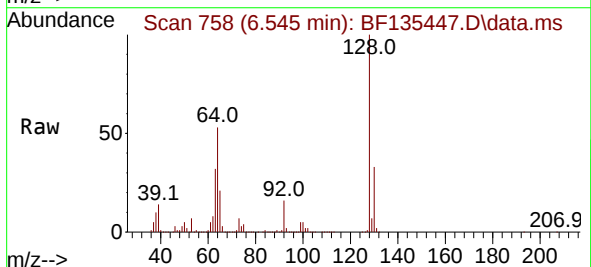
Tgt Ion:128 Resp: 520730

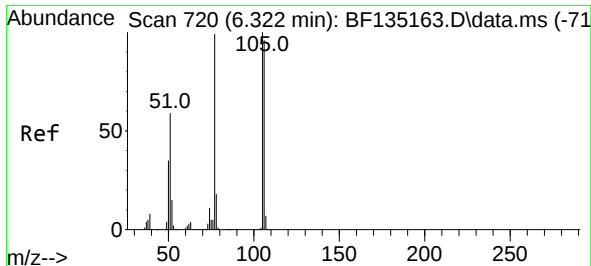
Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

64 52.6 35.9 75.9





#9

Benzaldehyde

Concen: 21.008 ng

RT: 6.310 min Scan# 718

Delta R.T. -0.000 min

Lab File: BF135447.D

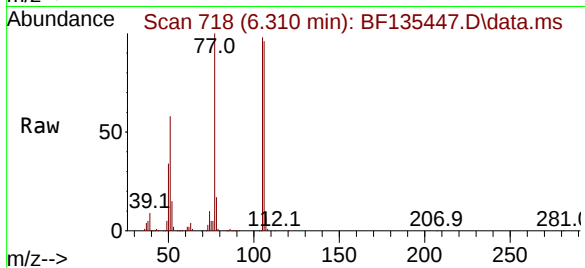
Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD



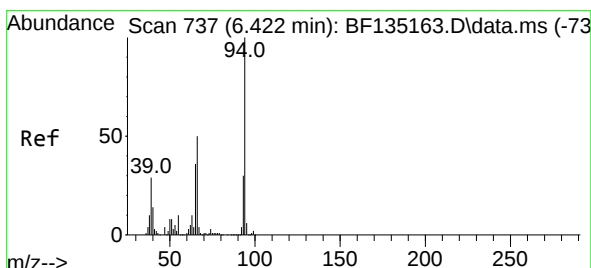
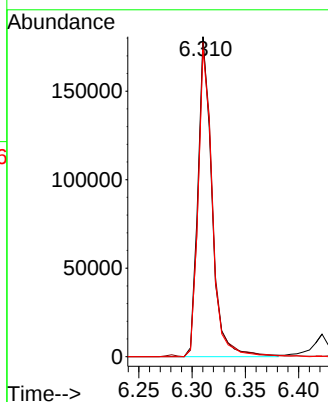
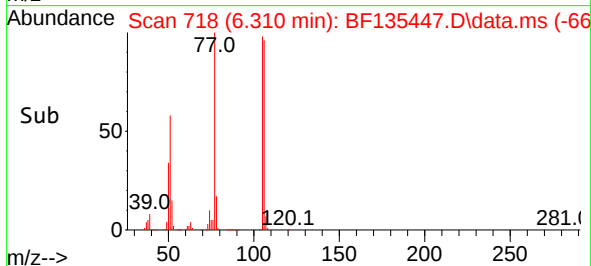
Tgt Ion:	77	Resp:	16604
Ion Ratio	Lower	Upper	
77	100		
105	98.3	81.4	121.4
106	96.0	76.9	116.9

Manual Integrations

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#10

Phenol

Concen: 39.252 ng

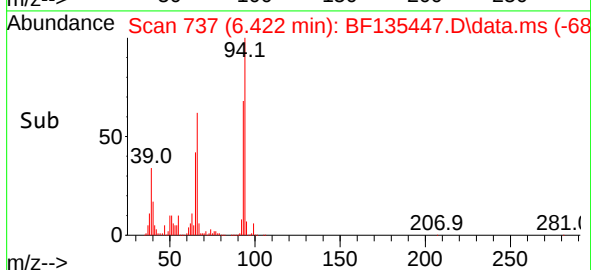
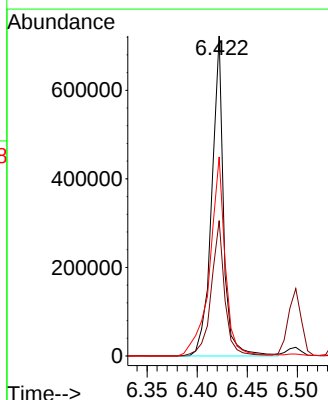
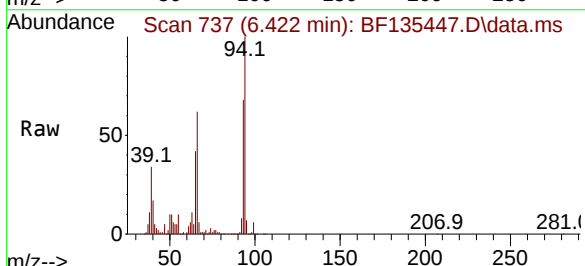
RT: 6.422 min Scan# 737

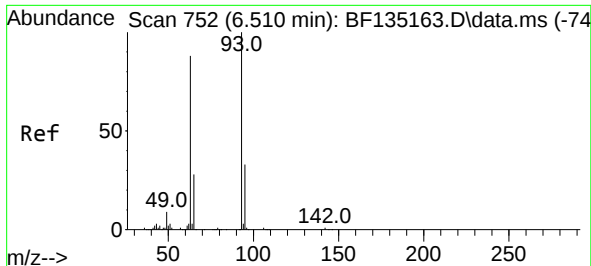
Delta R.T. 0.006 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Tgt Ion:	94	Resp:	597180
Ion Ratio	Lower	Upper	
94	100		
65	42.3	15.9	55.9
66	62.2	29.8	69.8





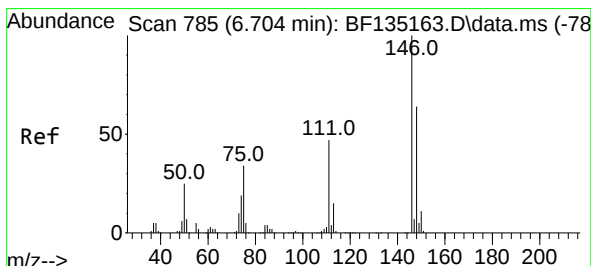
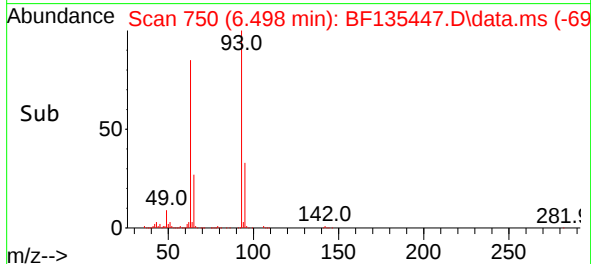
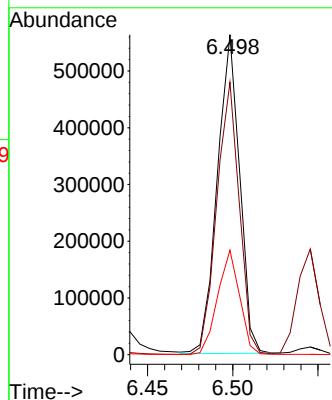
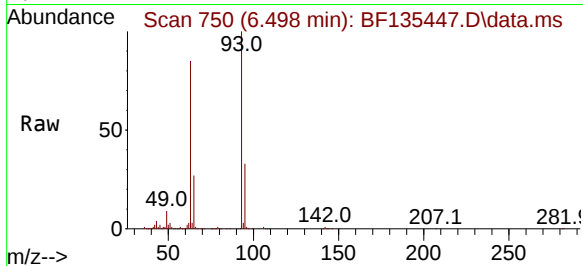
#11
bis(2-Chloroethyl)ether
Concen: 44.910 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :
BNA_F
ClientSampleId :
PB155707BSD

Tgt Ion: 93 Resp: 512509
Ion Ratio Lower Upper
93 100
63 85.1 67.3 107.3
95 32.6 12.7 52.7

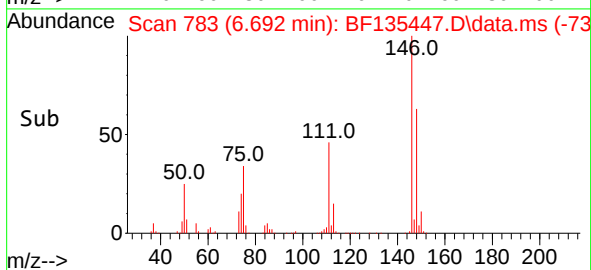
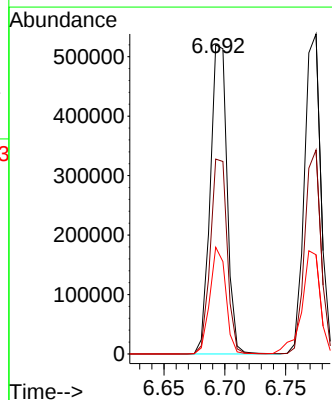
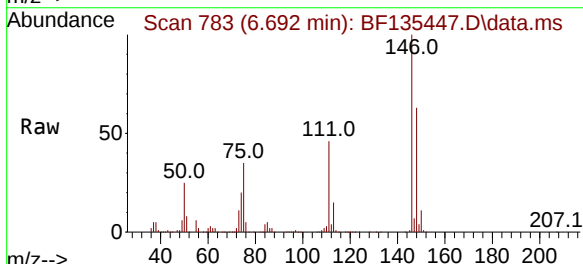
Manual Integrations
APPROVED

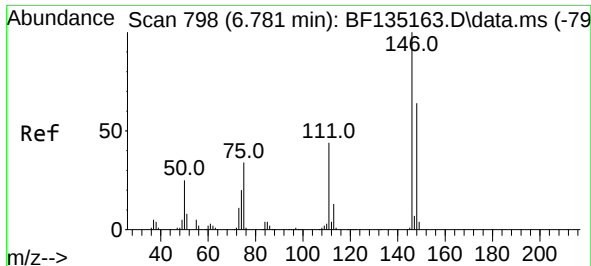
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#12
1,3-Dichlorobenzene
Concen: 42.123 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:146 Resp: 498634
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 34.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.105 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

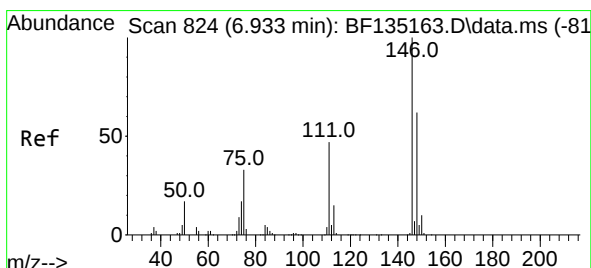
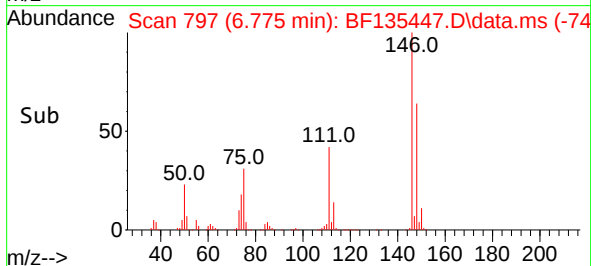
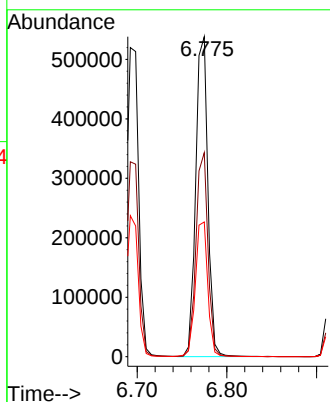
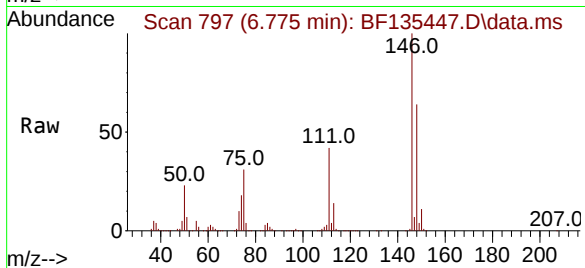
PB155707BSD

Tgt Ion:146 Resp: 507092
 Ion Ratio Lower Upper
 146 100
 148 63.8 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: 42.707 ng

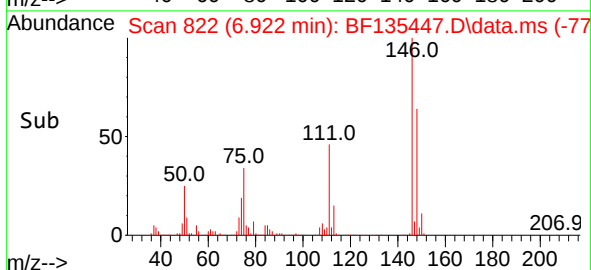
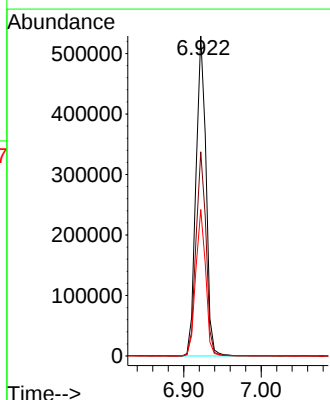
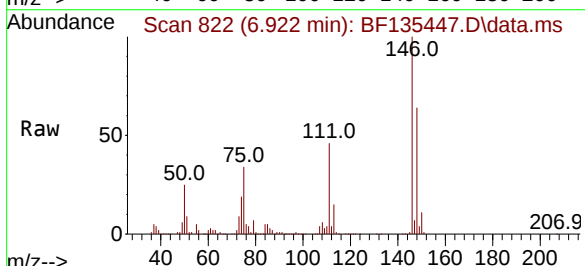
RT: 6.922 min Scan# 822

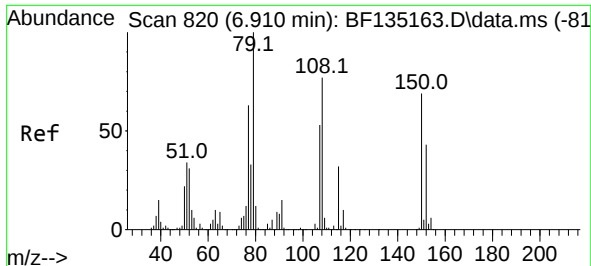
Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

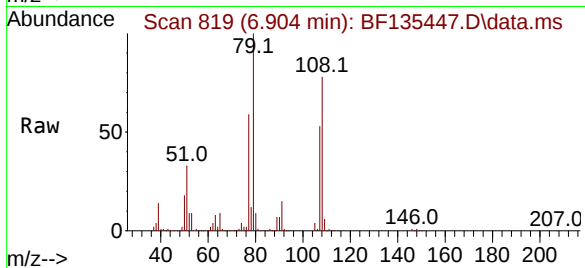
Tgt Ion:146 Resp: 477659
 Ion Ratio Lower Upper
 146 100
 148 63.8 49.7 74.5
 111 45.7 37.4 56.2





#15
Benzyl Alcohol
Concen: 41.465 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

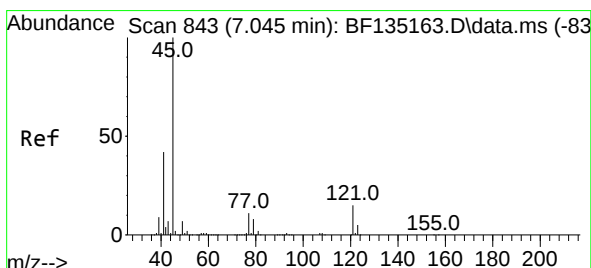
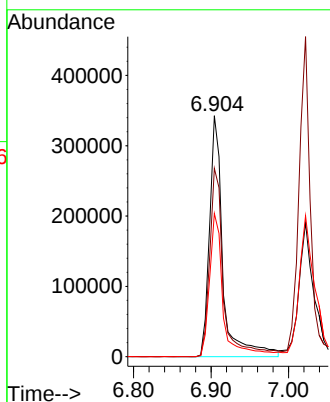
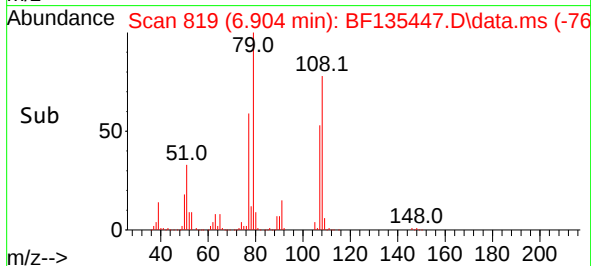
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion: 79 Resp: 412834
Ion Ratio Lower Upper
79 100
108 78.1 61.2 91.8
77 59.5 50.5 75.7

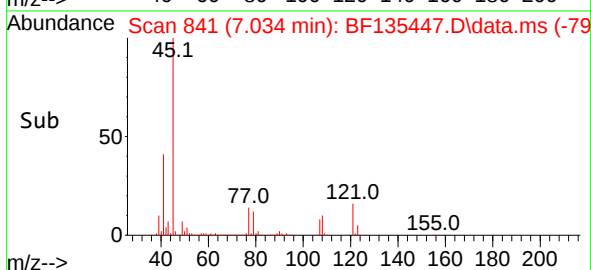
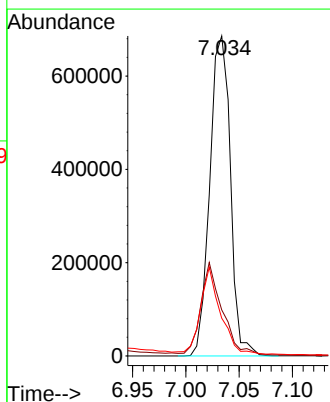
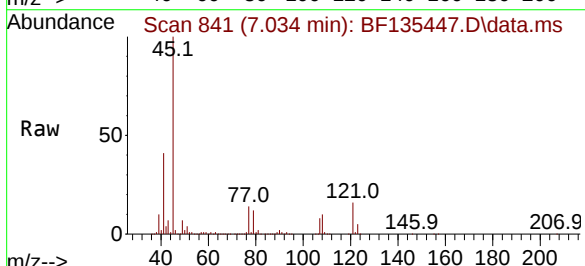
Manual Integrations
APPROVED

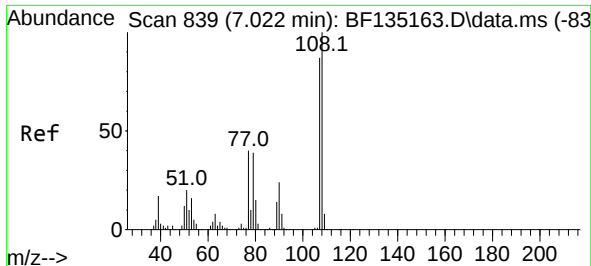
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.736 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

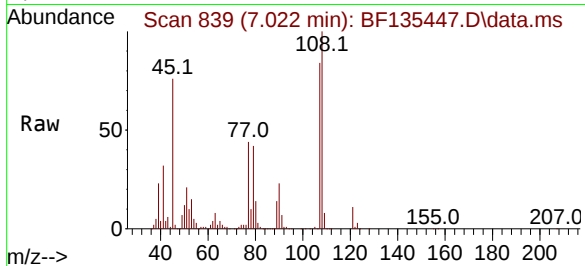
Tgt Ion: 45 Resp: 919287
Ion Ratio Lower Upper
45 100
77 14.4 0.0 30.6
79 11.8 0.0 28.3





#17
2-Methylphenol
Concen: 39.558 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

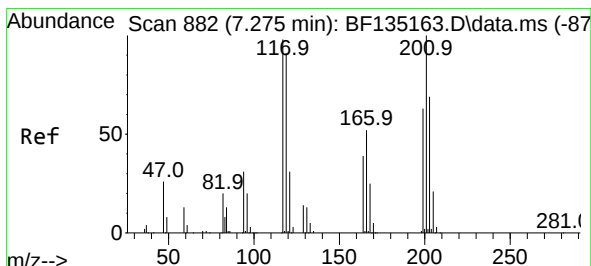
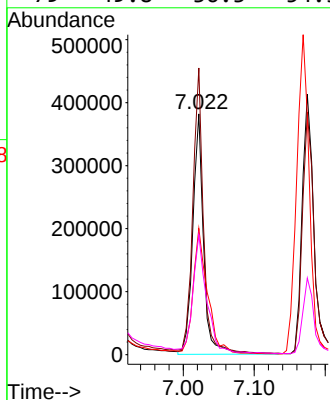
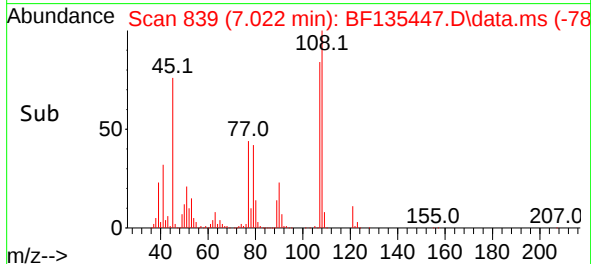
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



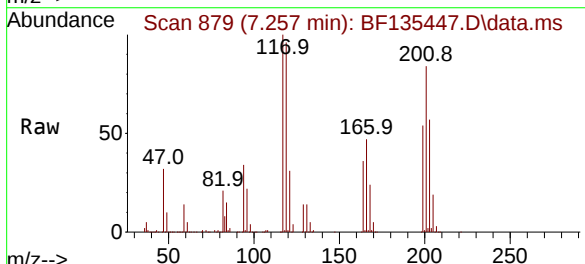
Tgt Ion:107 Resp: 406608
Ion Ratio Lower Upper
107 100
108 119.1 92.0 138.0
77 52.4 36.7 55.1
79 49.8 36.3 54.5

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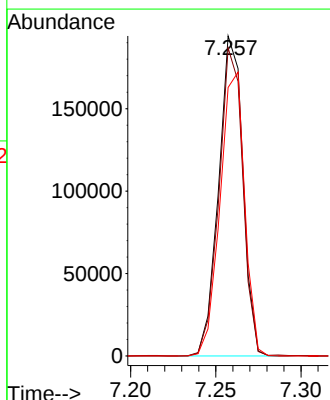
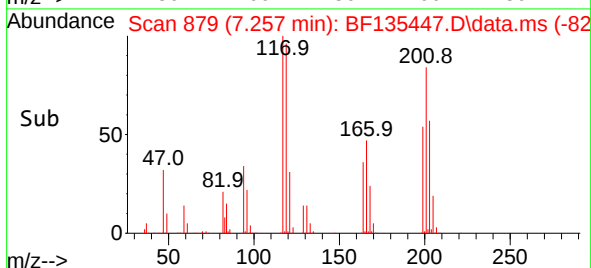
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#18
Hexachloroethane
Concen: 43.093 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14



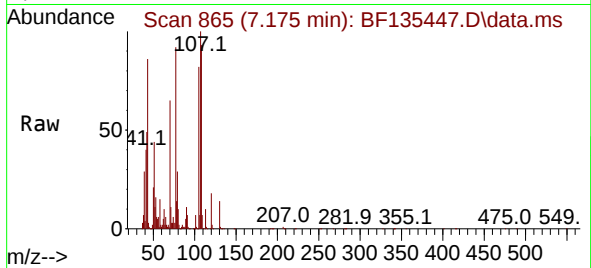
Tgt Ion:117 Resp: 191766
Ion Ratio Lower Upper
117 100
119 96.2 74.7 112.1
201 83.9 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 37.696 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

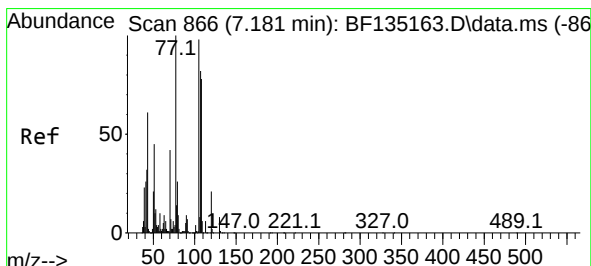
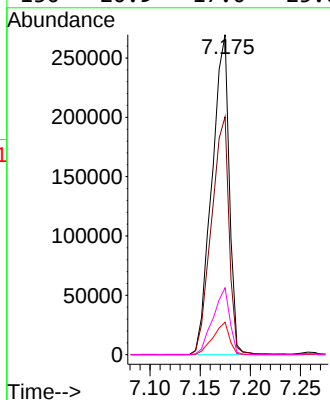
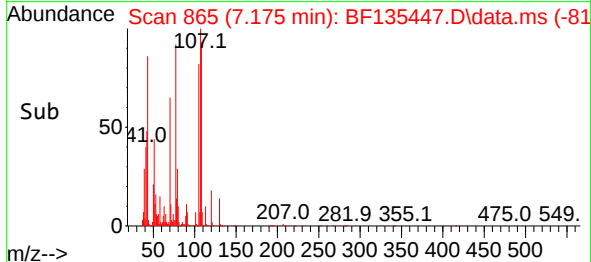
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion: 70 Resp: 323948
Ion Ratio Lower Upper
70 100
42 74.4 55.4 83.0
101 10.2 7.7 11.5
130 20.9 17.0 25.6

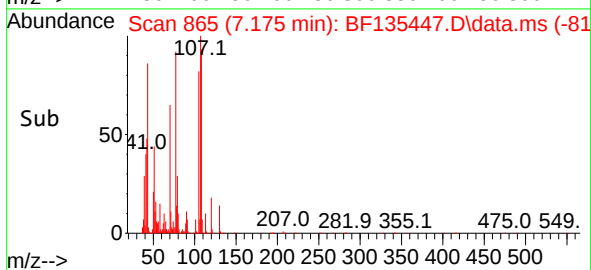
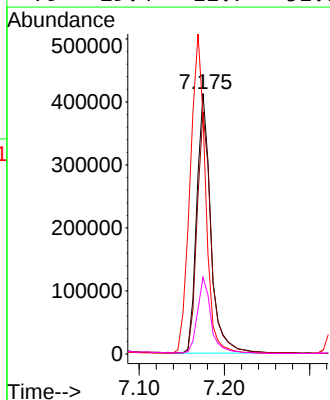
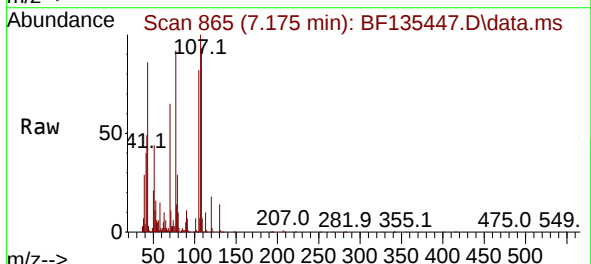
Manual Integrations
APPROVED

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



#20
3+4-Methylphenols
Concen: 38.169 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:107 Resp: 471771
Ion Ratio Lower Upper
107 100
108 93.0 74.7 114.7
77 91.8 102.0 142.0#
79 29.4 11.7 51.7





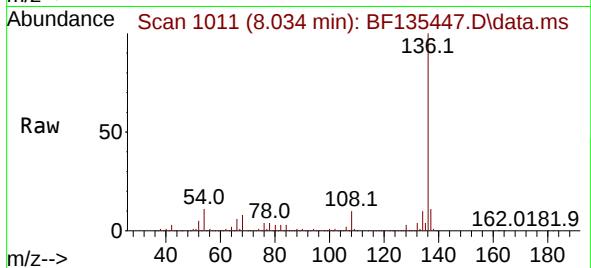
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

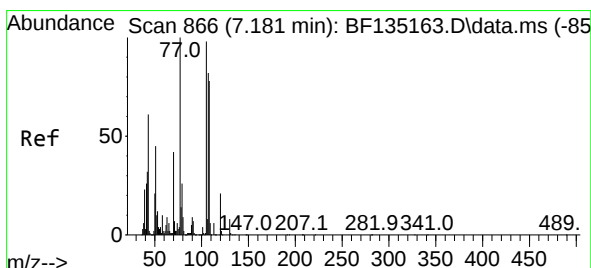
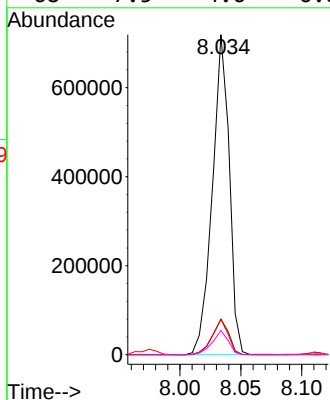
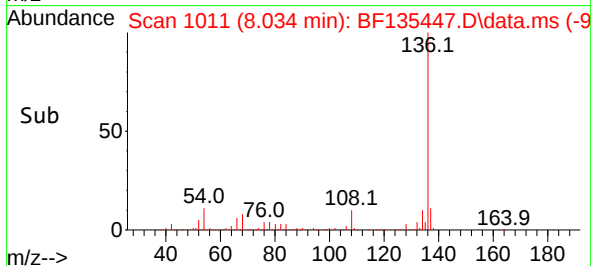


Tgt Ion:136 Resp: 694850
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.0 7.7 11.5
68 7.5 4.6 6.8#

Manual Integrations

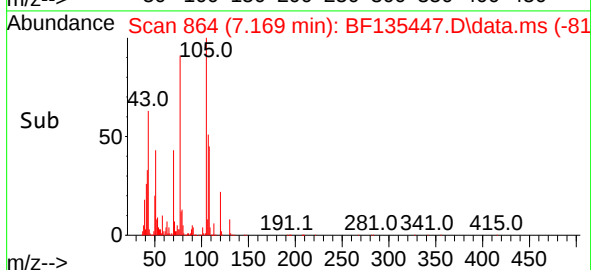
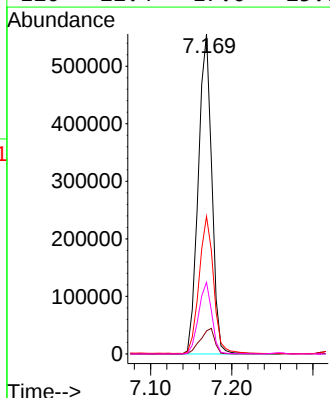
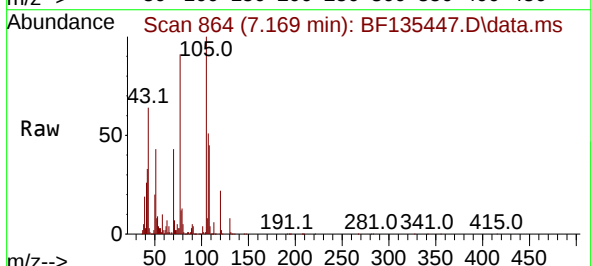
APPROVED

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



#22
Acetophenone
Concen: 40.488 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:105 Resp: 643208
Ion Ratio Lower Upper
105 100
71 7.2 5.8 8.6
51 43.0 37.0 55.4
120 22.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 78.606 ng

RT: 7.322 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

Tgt Ion: 82 Resp: 1005349

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

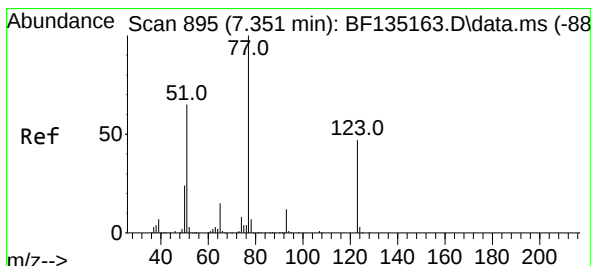
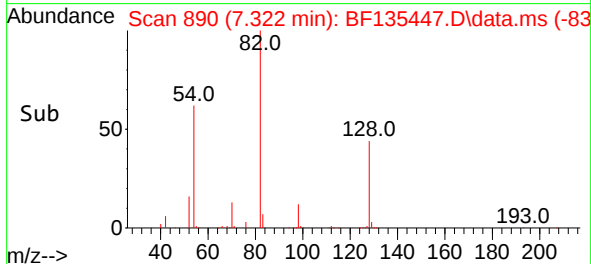
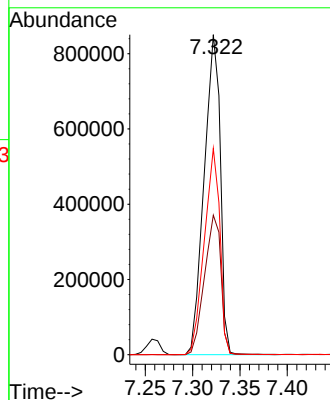
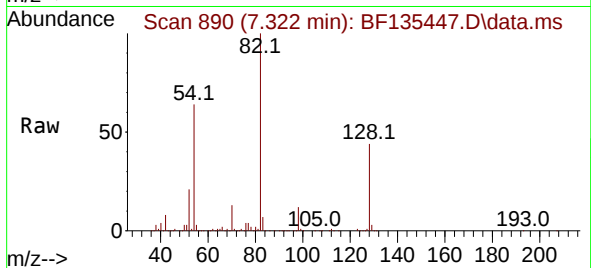
54 64.4 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#24

Nitrobenzene

Concen: 41.900 ng

RT: 7.340 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

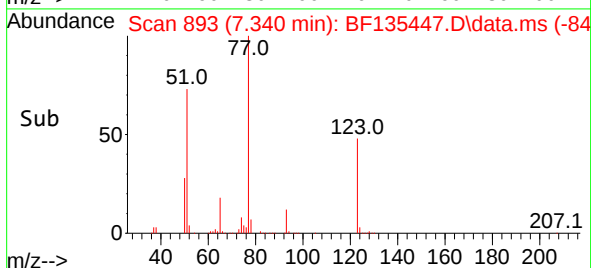
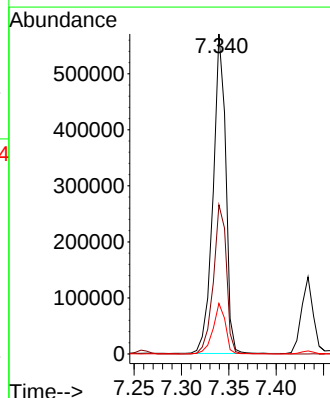
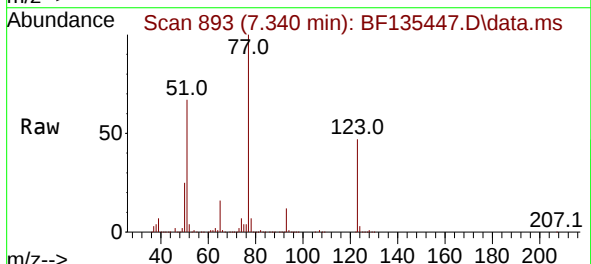
Tgt Ion: 77 Resp: 529675

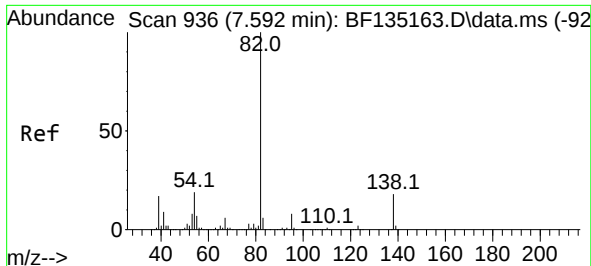
Ion Ratio Lower Upper

77 100

123 46.6 37.6 56.4

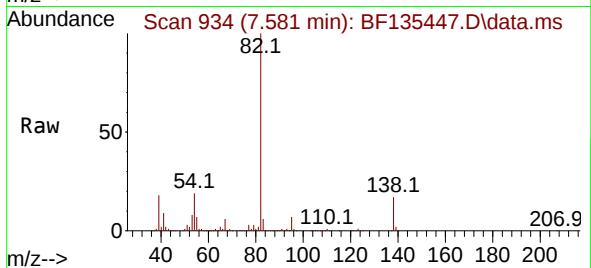
65 15.8 12.2 18.4





#25
Isophorone
Concen: 42.266 ng
RT: 7.581 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

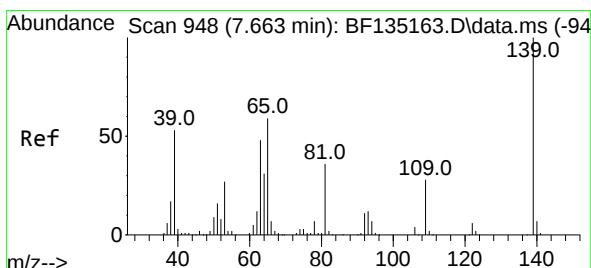
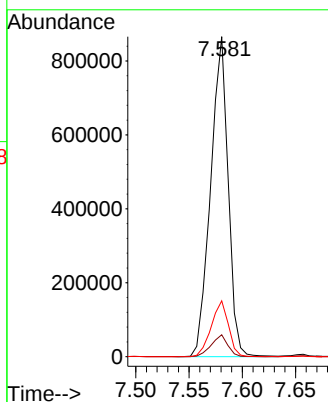
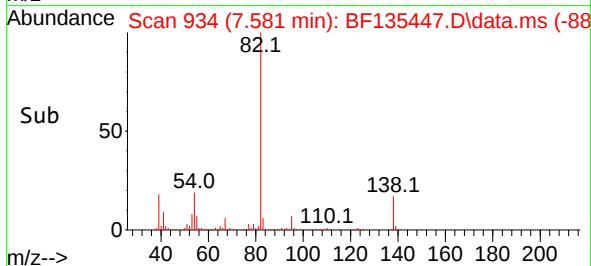
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



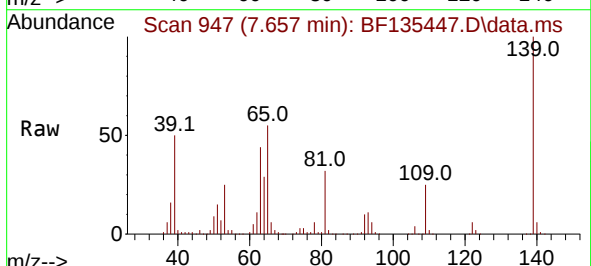
Tgt Ion: 82 Resp: 992625
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.5 14.5 21.7

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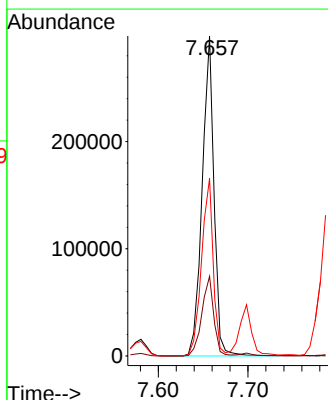
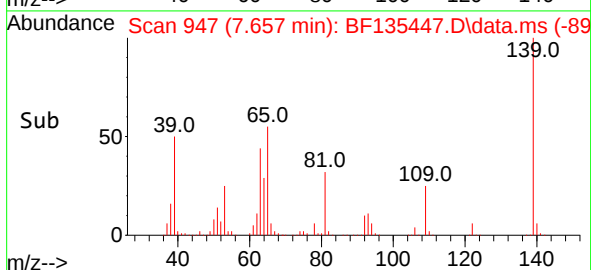
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#26
2-Nitrophenol
Concen: 44.998 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14



Tgt Ion:139 Resp: 273011
Ion Ratio Lower Upper
139 100
109 24.9 22.6 33.8
65 55.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.216 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

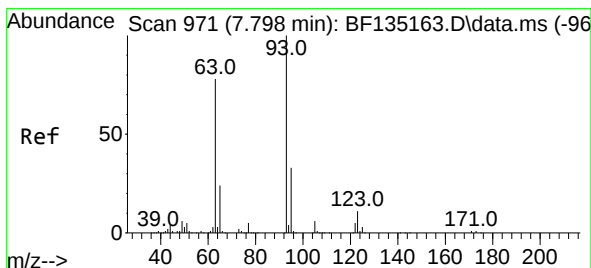
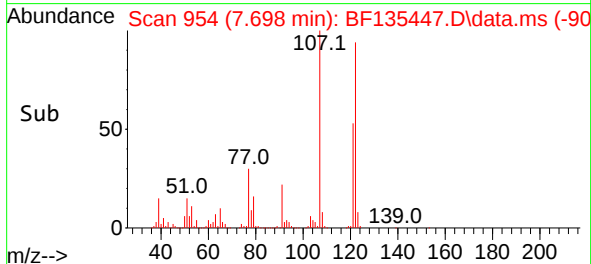
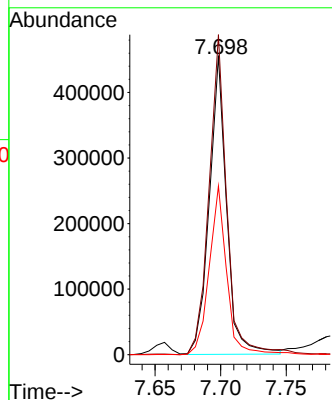
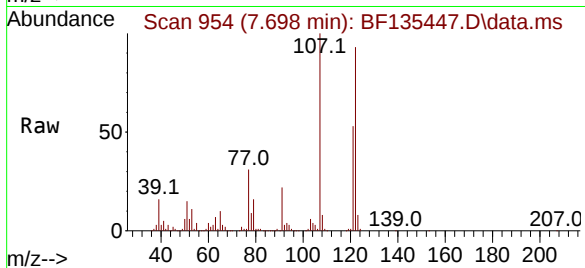
Tgt Ion:	122	Resp:	420330
Ion	Ratio	Lower	Upper
122	100		
107	107.0	90.2	135.4
121	56.4	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.807 ng

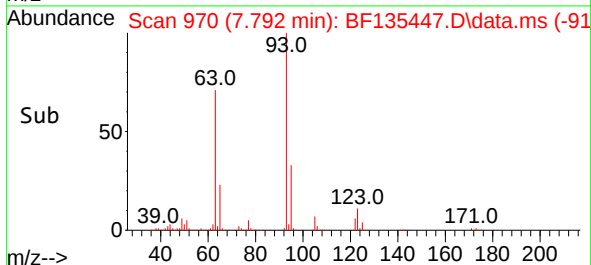
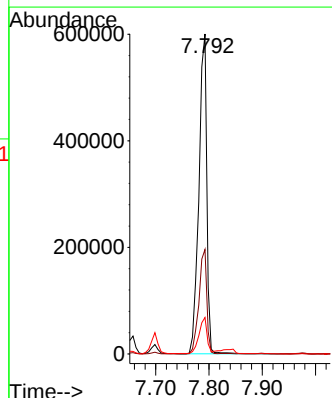
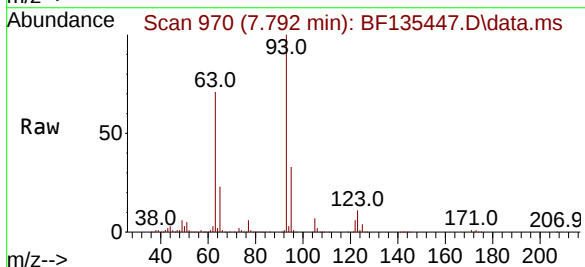
RT: 7.792 min Scan# 970

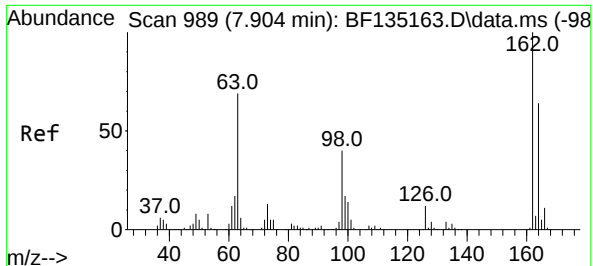
Delta R.T. 0.006 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Tgt Ion:	93	Resp:	615783
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	11.4	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 42.277 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

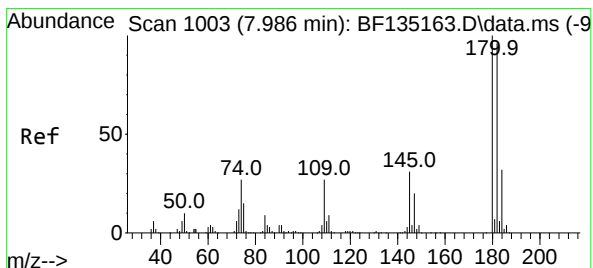
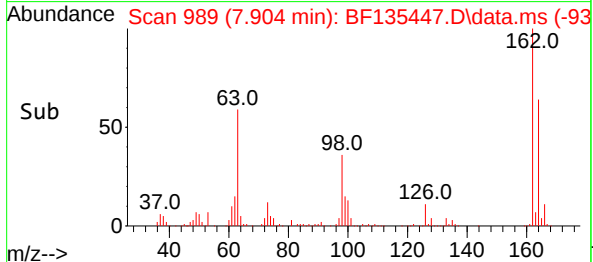
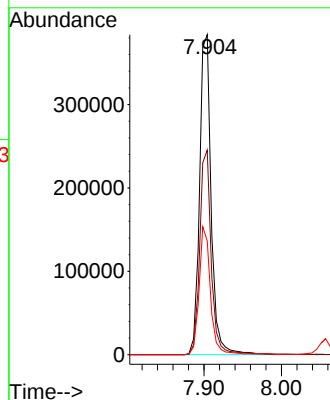
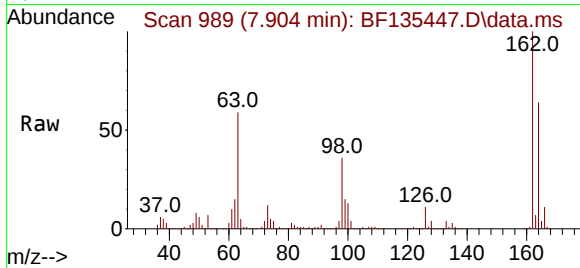
Tgt Ion:162	Resp: 399512
Ion Ratio	Lower Upper
162 100	
164 64.0	44.1 84.1
98 35.6	20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.233 ng

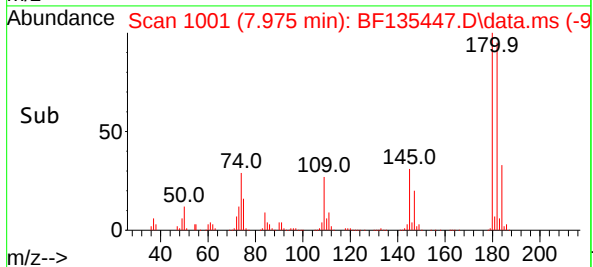
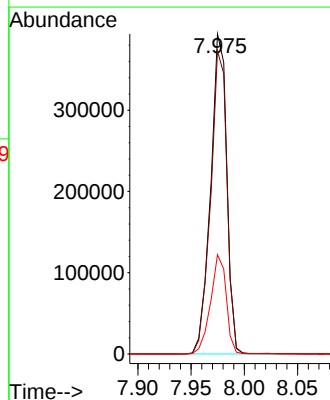
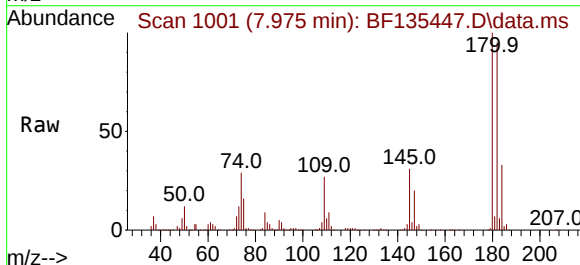
RT: 7.975 min Scan# 1001

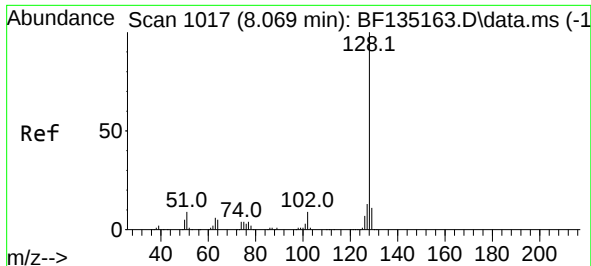
Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

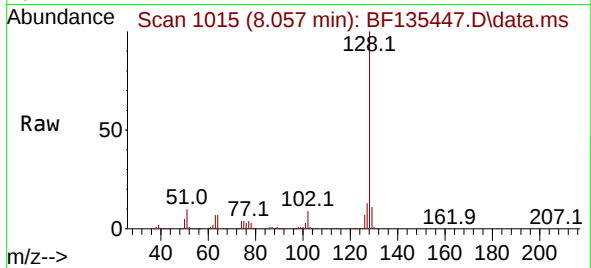
Tgt Ion:180	Resp: 417144
Ion Ratio	Lower Upper
180 100	
182 94.7	76.9 115.3
145 31.0	24.5 36.7





#31
Naphthalene
Concen: 41.426 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

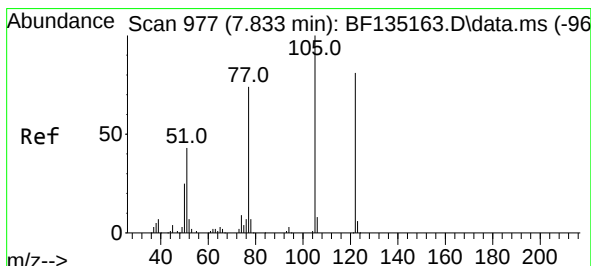
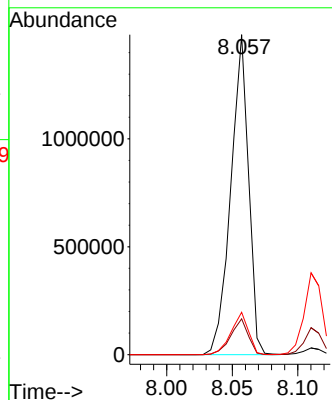
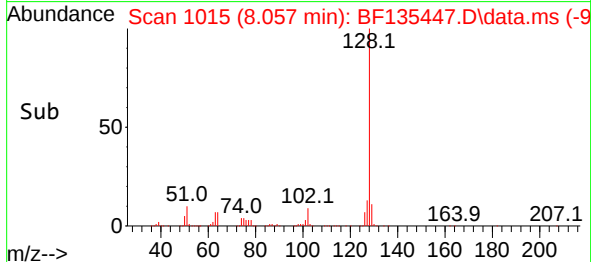
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:128 Resp: 1398580
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1

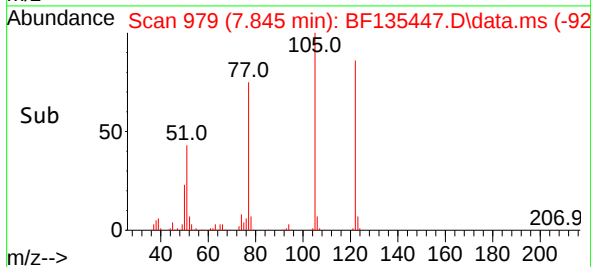
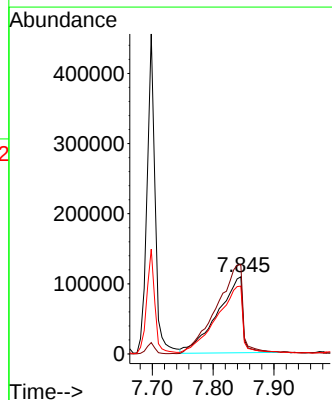
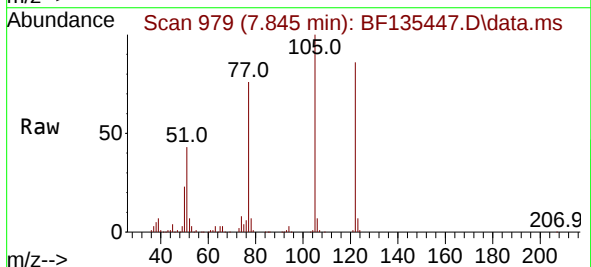
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 40.996 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:122 Resp: 314816
Ion Ratio Lower Upper
122 100
105 115.8 99.9 139.9
77 88.0 70.0 110.0





#33
4-Chloroaniline
Concen: 26.673 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

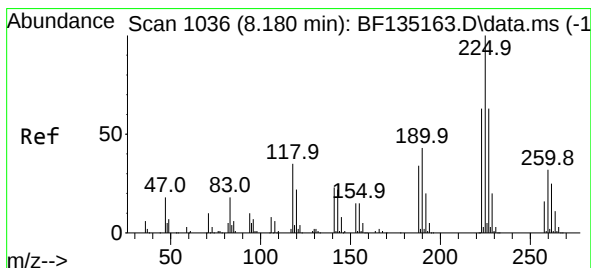
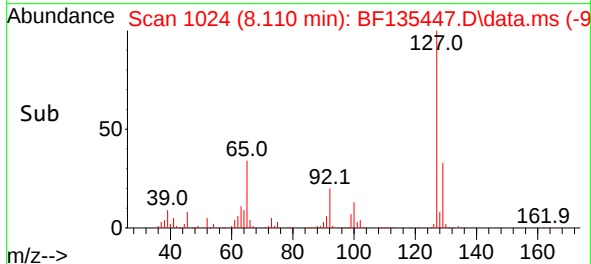
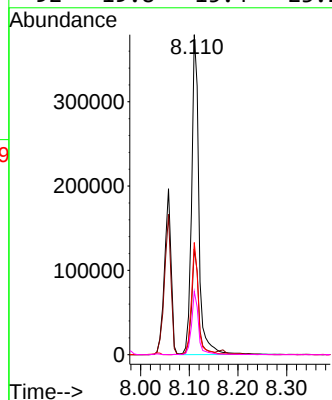
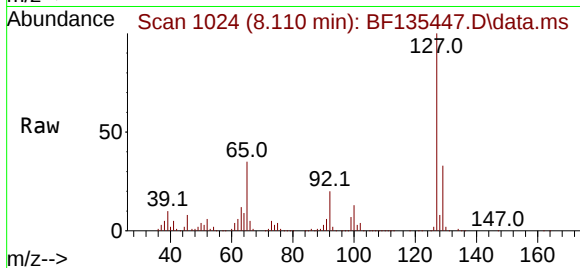
PB155707BSD

Tgt Ion:127 Resp: 395092
Ion Ratio Lower Upper
127 100
129 33.0 25.8 38.8
65 35.1 26.6 39.8
92 19.8 15.4 23.2

Manual Integrations

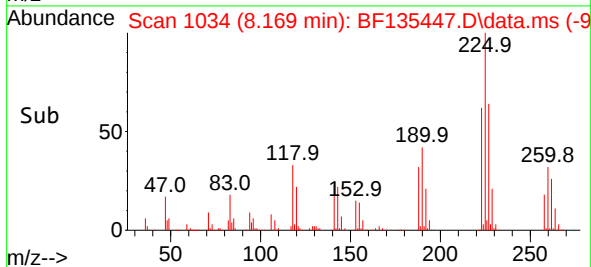
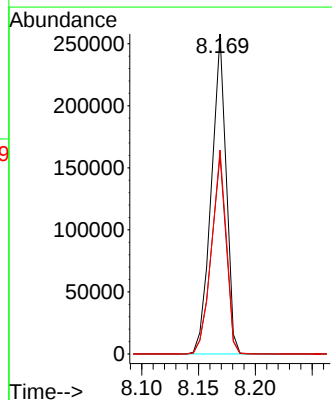
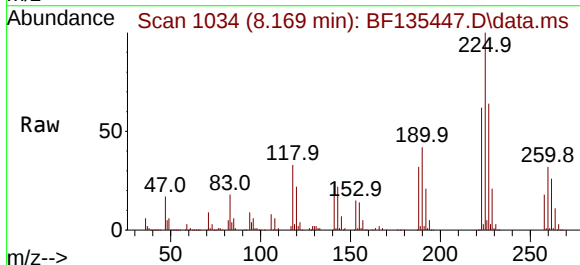
APPROVED

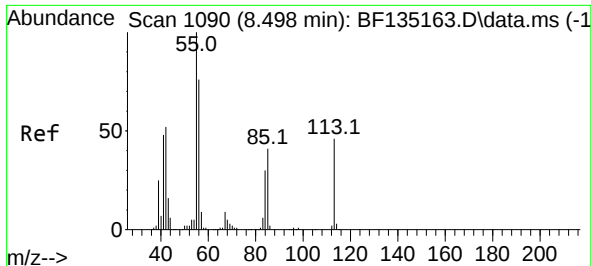
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#34
Hexachlorobutadiene
Concen: 39.209 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

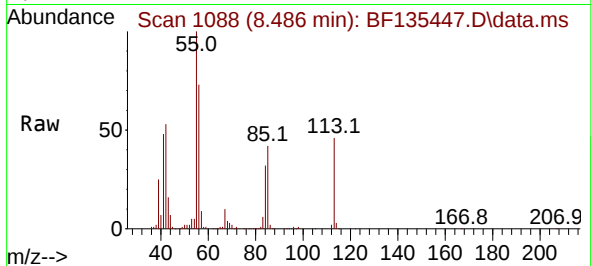
Tgt Ion:225 Resp: 233516
Ion Ratio Lower Upper
225 100
223 62.1 50.6 75.8
227 63.7 50.8 76.2





#35
Caprolactam
Concen: 41.991 ng m
RT: 8.486 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

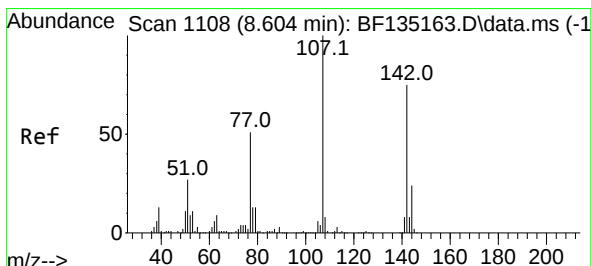
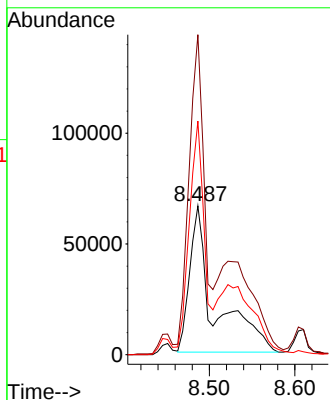
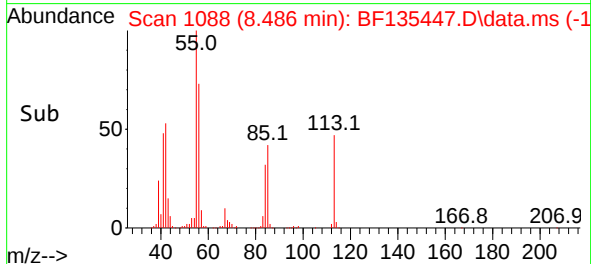
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:113 Resp: 133174
Ion Ratio Lower Upper
113 100
55 215.1 199.3 239.3
56 157.0 146.3 186.3

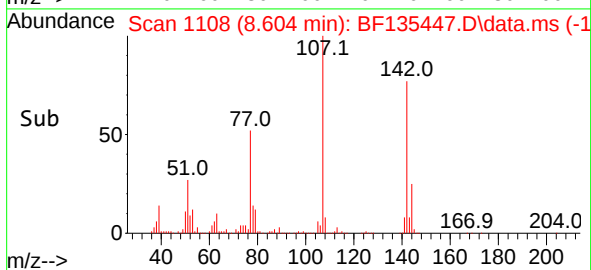
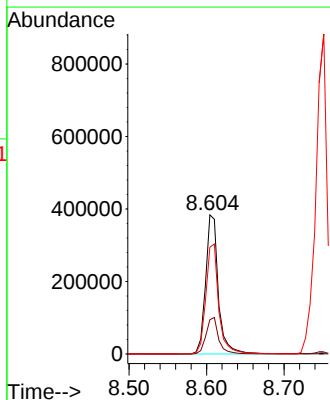
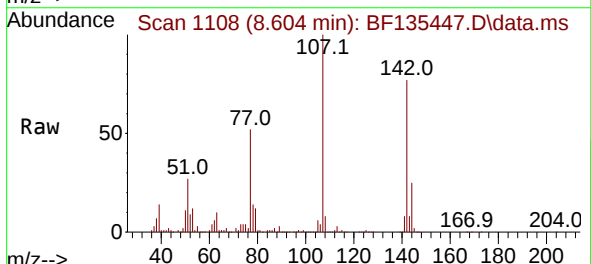
Manual Integrations
APPROVED

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



#36
4-Chloro-3-methylphenol
Concen: 41.684 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:107 Resp: 437795
Ion Ratio Lower Upper
107 100
144 24.7 19.0 28.4
142 76.8 60.2 90.2





#37
2-Methylnaphthalene
Concen: 38.558 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

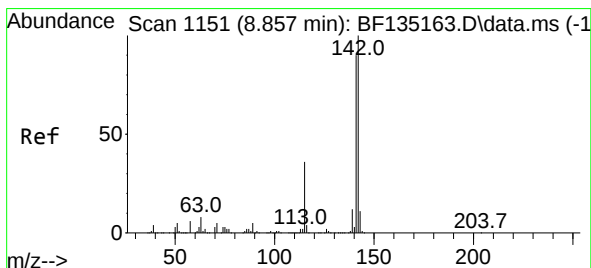
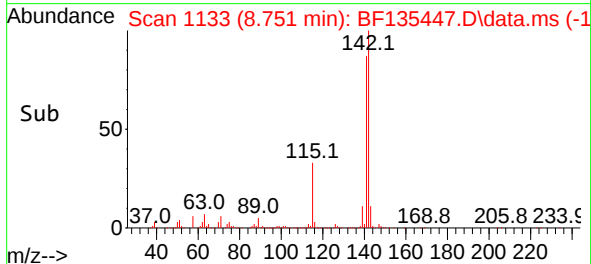
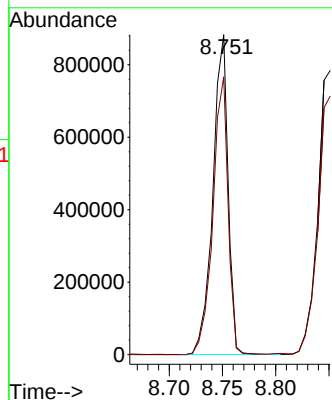
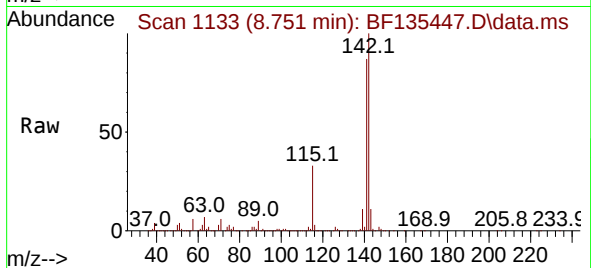
ClientSampleId :

PB155707BSD

Tgt Ion:142 Resp: 875038
Ion Ratio Lower Upper
142 100
141 86.9 71.0 106.6

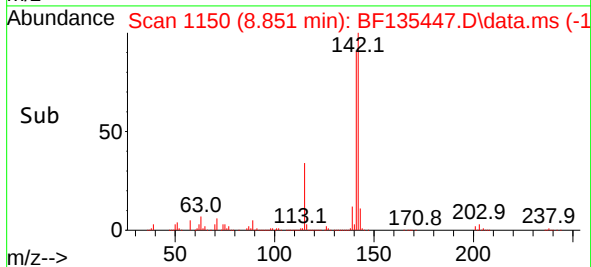
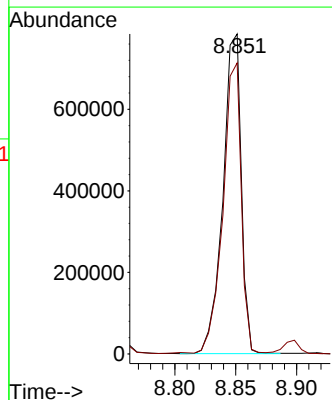
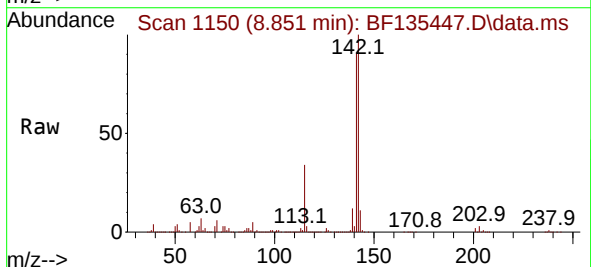
Manual Integrations
APPROVED

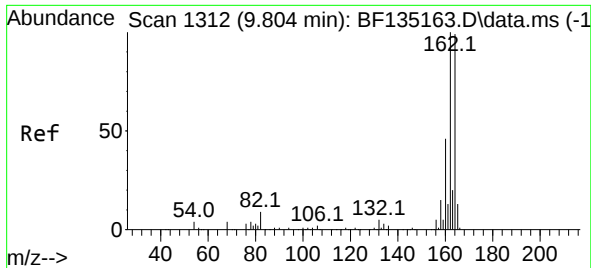
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#38
1-Methylnaphthalene
Concen: 38.765 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:142 Resp: 823633
Ion Ratio Lower Upper
142 100
141 91.0 72.4 108.6





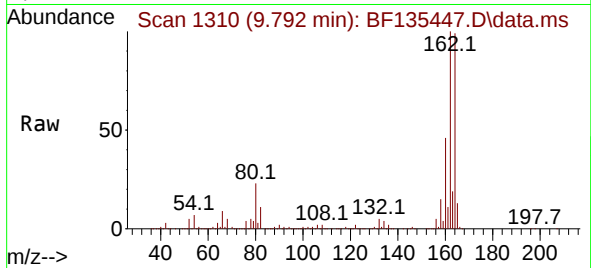
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

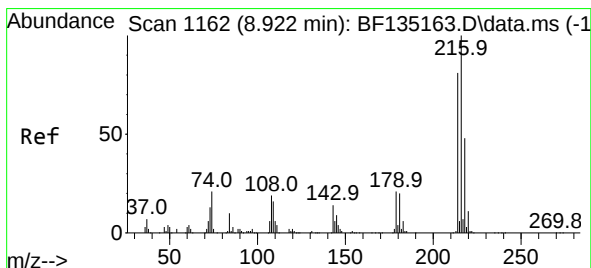
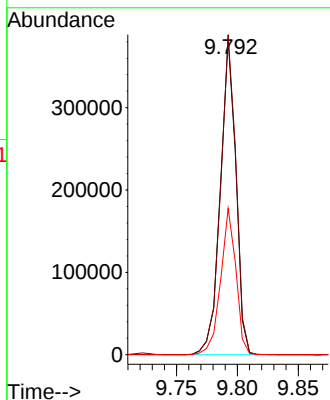
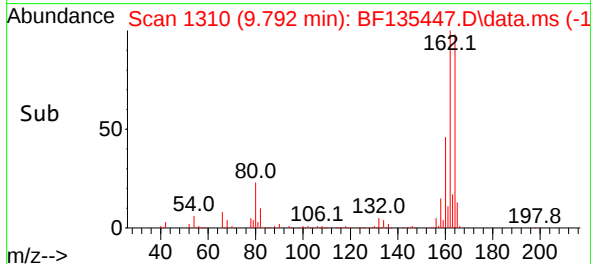


Tgt Ion:164 Resp: 34212
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 46.4 37.0 55.4

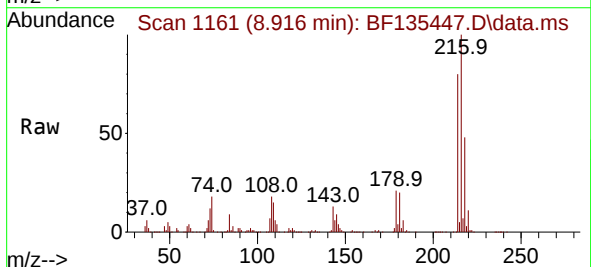
Manual Integrations

APPROVED

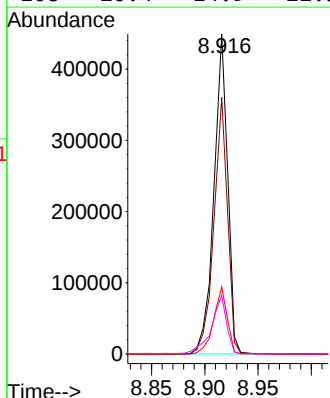
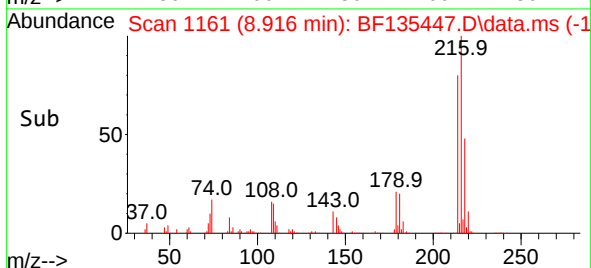
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.507 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14



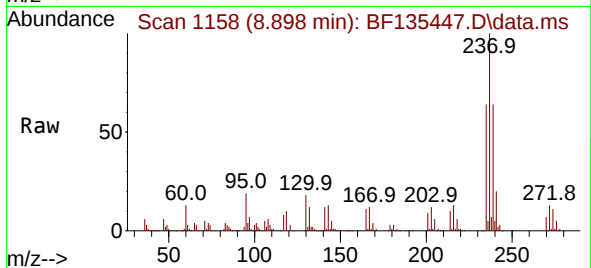
Tgt Ion:216 Resp: 401492
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 20.7 16.7 25.1
108 20.4 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 55.368 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

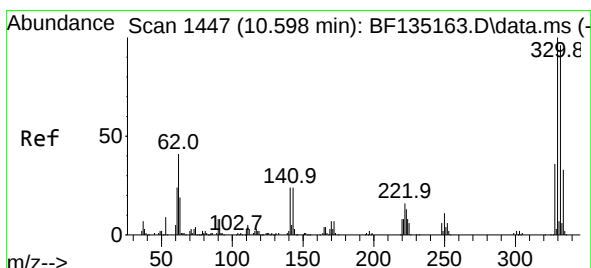
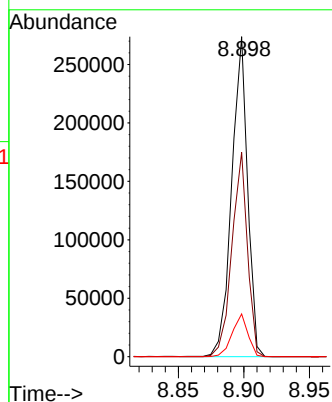
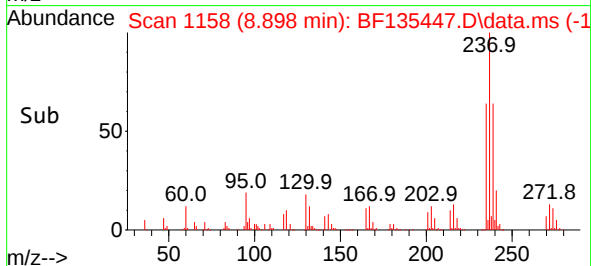
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



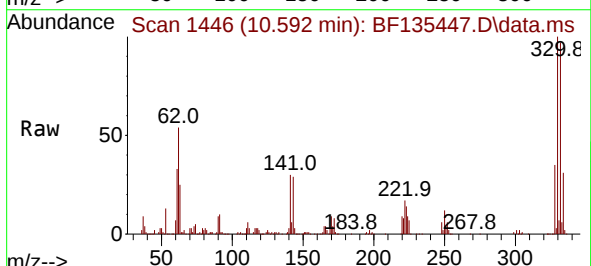
Tgt Ion:237 Resp: 230872
Ion Ratio Lower Upper
237 100
235 63.9 41.8 81.8
272 13.4 0.0 33.6

Manual Integrations
APPROVED

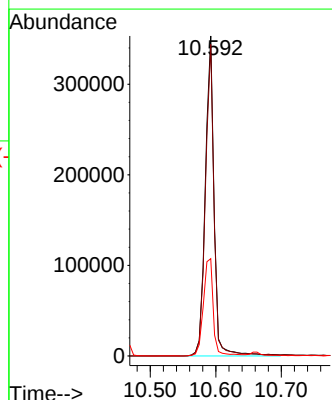
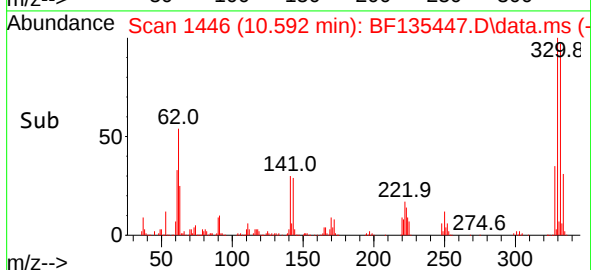
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

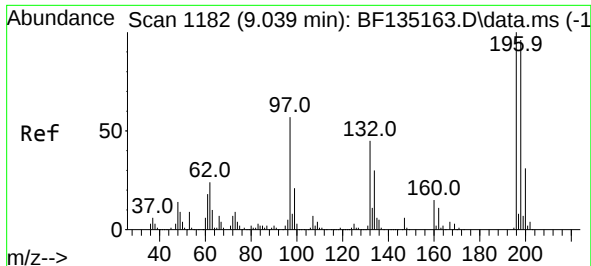


#42
2,4,6-Tribromophenol
Concen: 97.322 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14



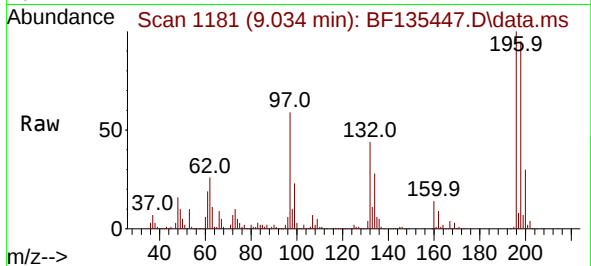
Tgt Ion:330 Resp: 330885
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 34.4 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 41.380 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

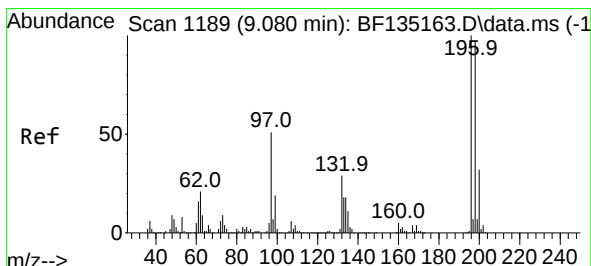
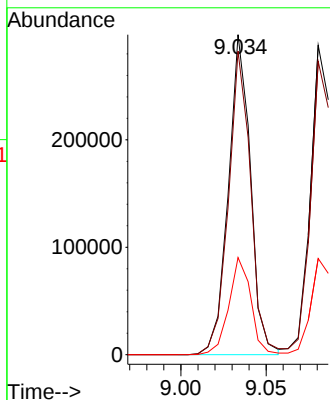
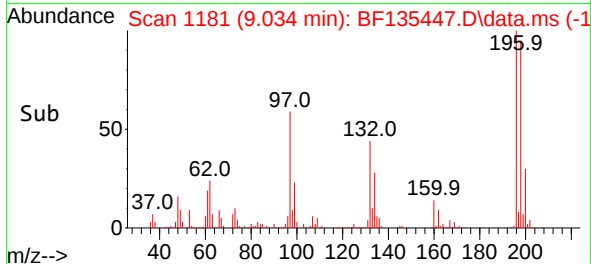
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:196 Resp: 26853
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.6
200 30.3 24.5 36.7

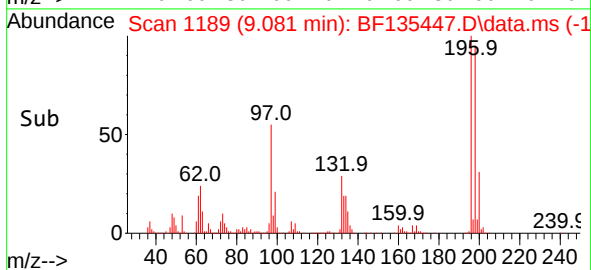
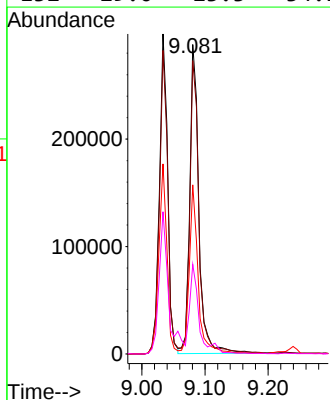
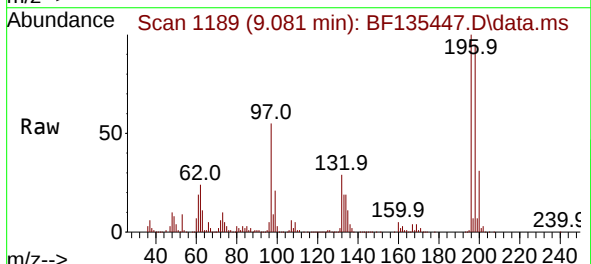
Manual Integrations
APPROVED

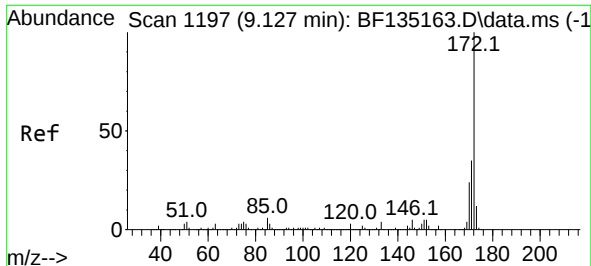
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#44
2,4,5-Trichlorophenol
Concen: 39.064 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:196 Resp: 291947
Ion Ratio Lower Upper
196 100
198 94.8 77.5 116.3
97 54.7 40.5 60.7
132 29.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.789 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

Tgt Ion:172 Resp: 1627934

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

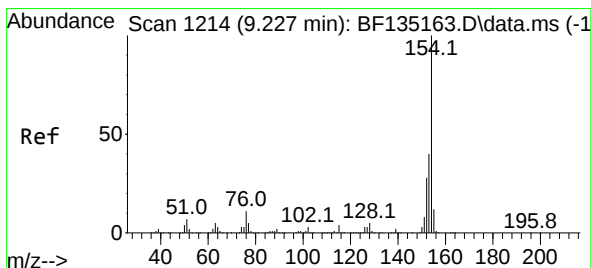
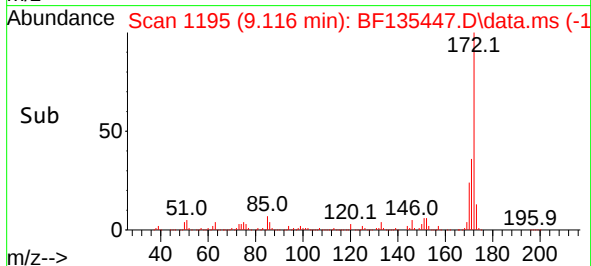
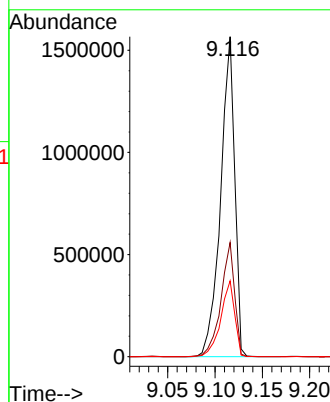
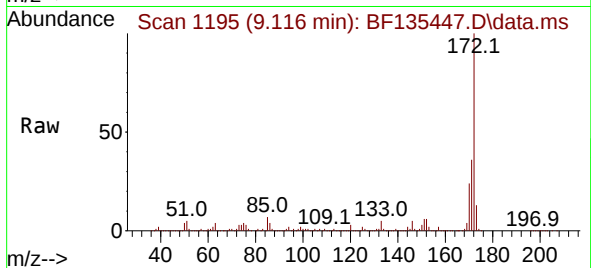
170 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#46

1,1'-Biphenyl

Concen: 40.655 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

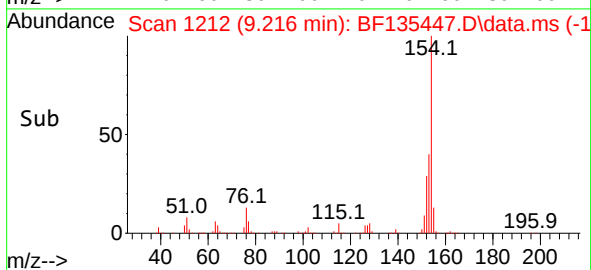
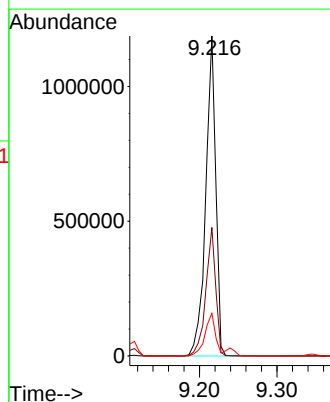
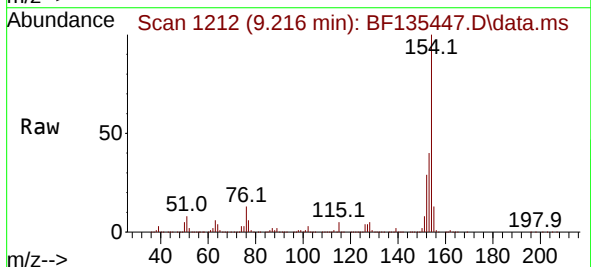
Tgt Ion:154 Resp: 1068888

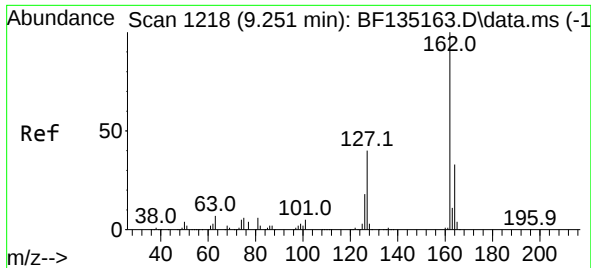
Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

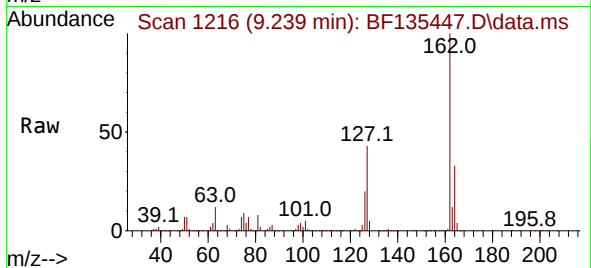
76 13.3 0.0 31.0





#47
2-Chloronaphthalene
Concen: 42.663 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

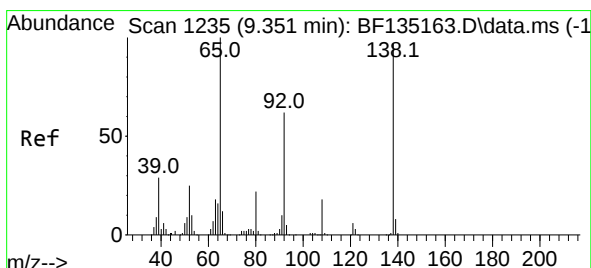
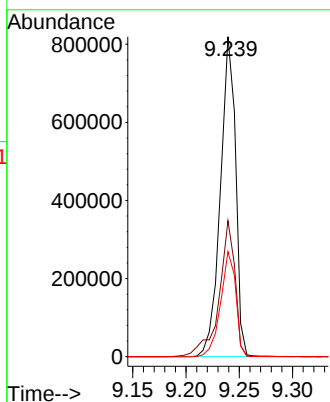
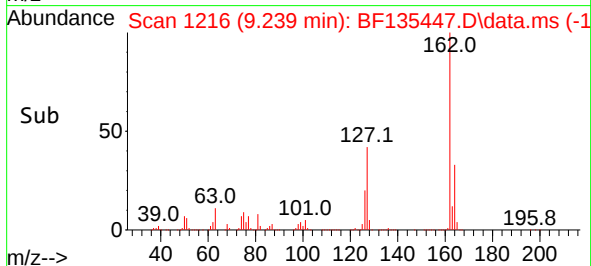
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:162 Resp: 81385
Ion Ratio Lower Upper
162 100
127 42.5 32.6 48.8
164 32.8 26.2 39.2

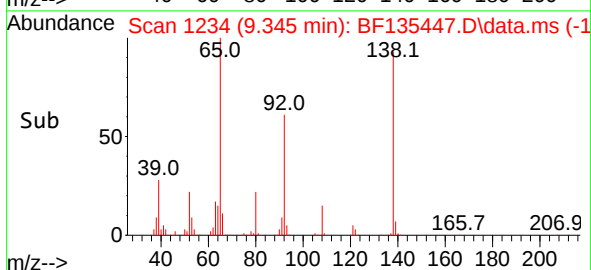
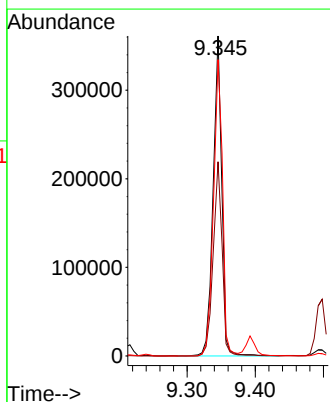
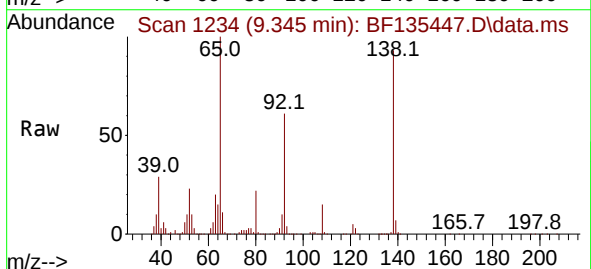
Manual Integrations
APPROVED

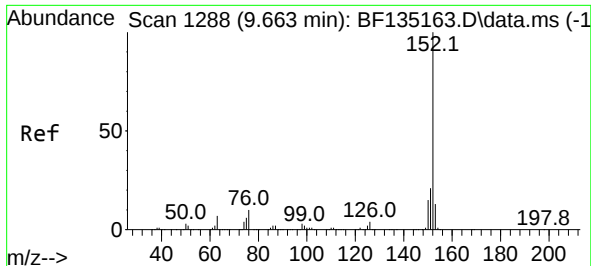
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#48
2-Nitroaniline
Concen: 43.158 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion: 65 Resp: 319844
Ion Ratio Lower Upper
65 100
92 60.7 49.4 74.0
138 92.6 77.4 116.0





#49

Acenaphthylene

Concen: 40.702 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

Tgt Ion:152 Resp: 129039

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

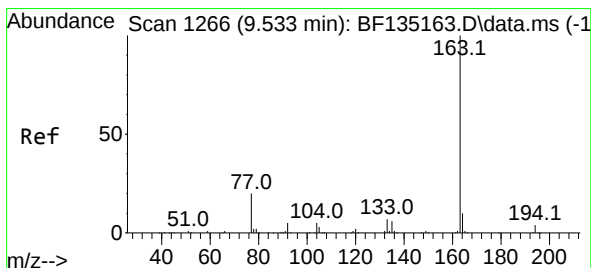
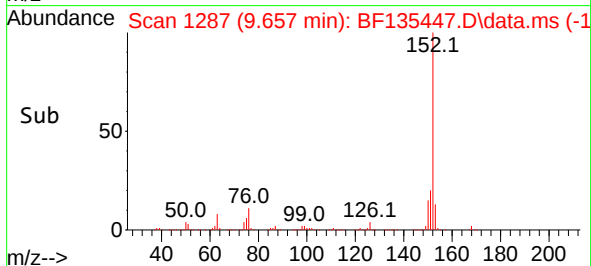
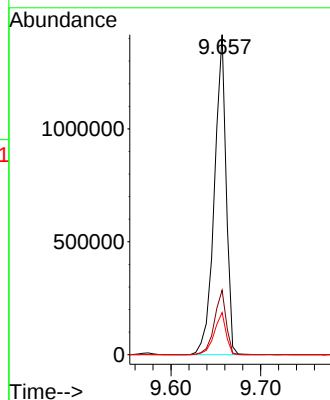
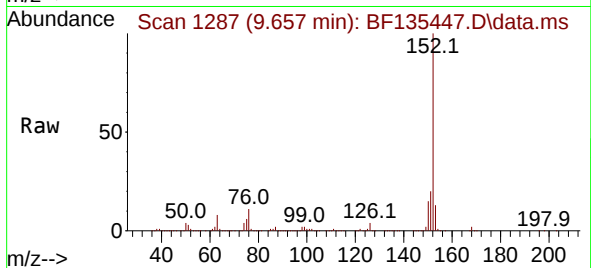
153 13.2 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#50

Dimethylphthalate

Concen: 40.257 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

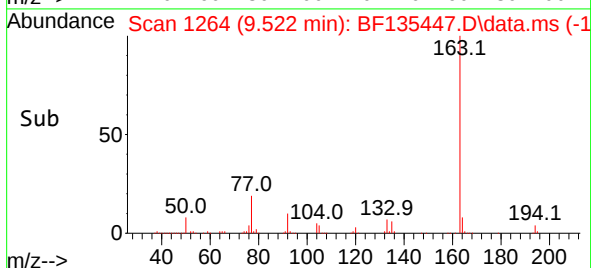
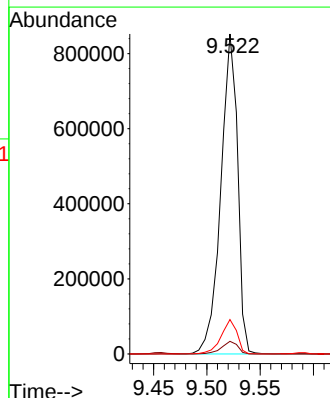
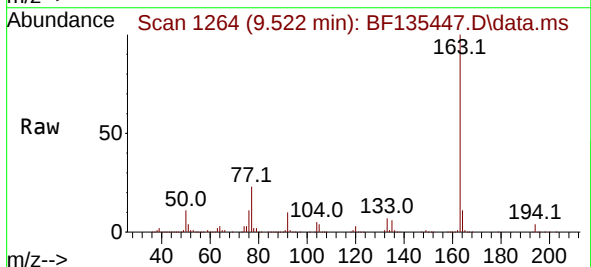
Tgt Ion:163 Resp: 931206

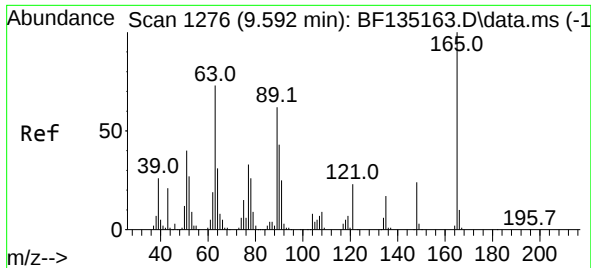
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

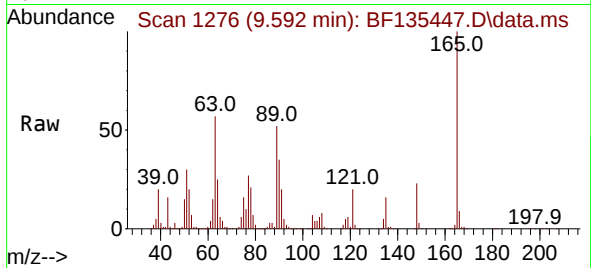
164 10.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.210 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

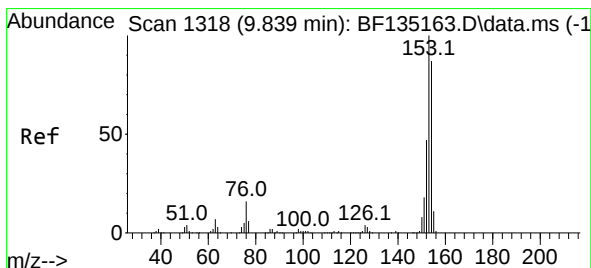
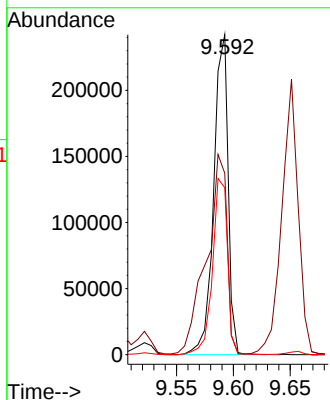
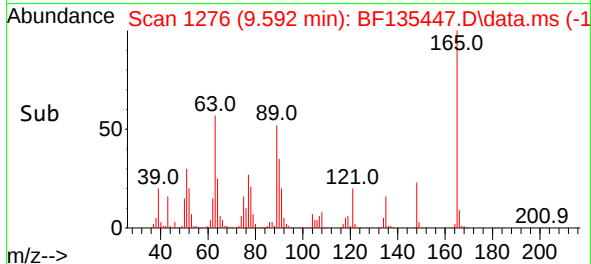
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:165 Resp: 213892
Ion Ratio Lower Upper
165 100
63 56.7 59.4 89.2
89 52.2 49.8 74.8

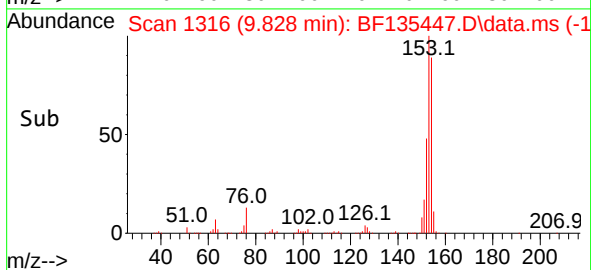
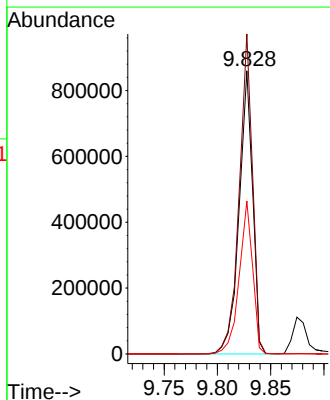
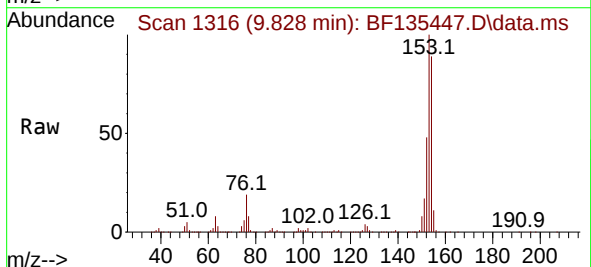
Manual Integrations
APPROVED

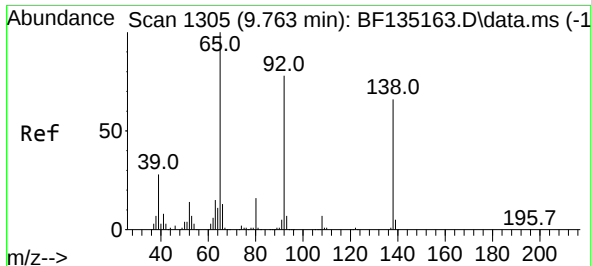
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#52
Acenaphthene
Concen: 40.836 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

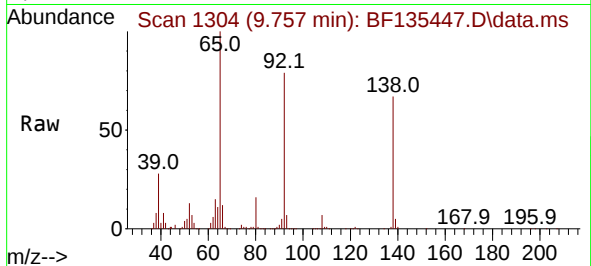
Tgt Ion:154 Resp: 764806
Ion Ratio Lower Upper
154 100
153 113.0 92.1 138.1
152 54.0 43.1 64.7





#53
3-Nitroaniline
Concen: 33.015 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

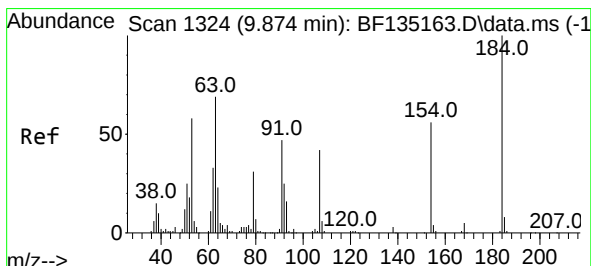
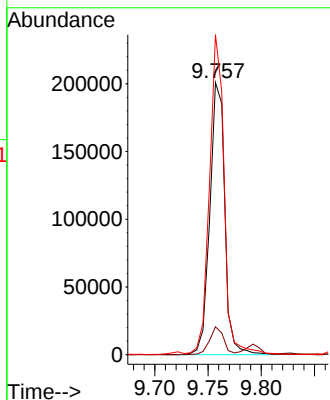
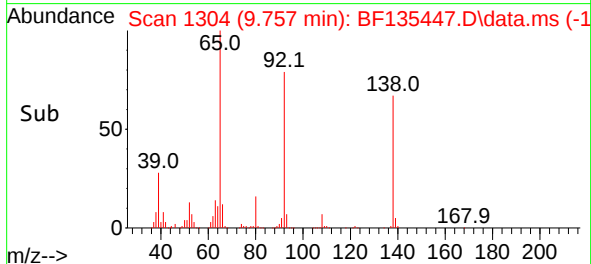
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



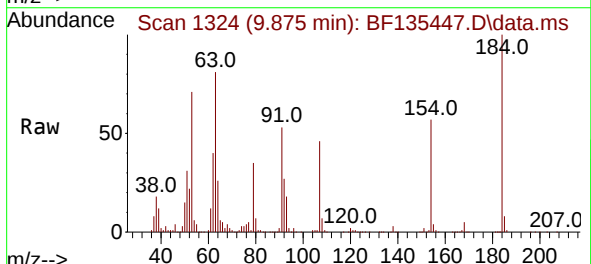
Tgt Ion:138 Resp: 196370
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 117.5 95.4 143.0

Manual Integrations
APPROVED

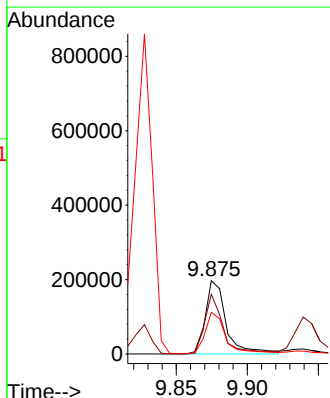
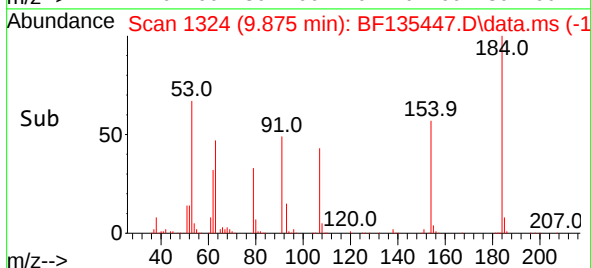
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

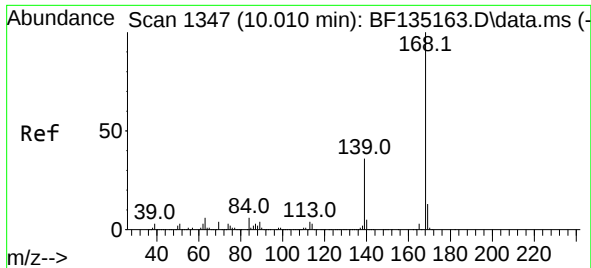


#54
2,4-Dinitrophenol
Concen: 70.663 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14



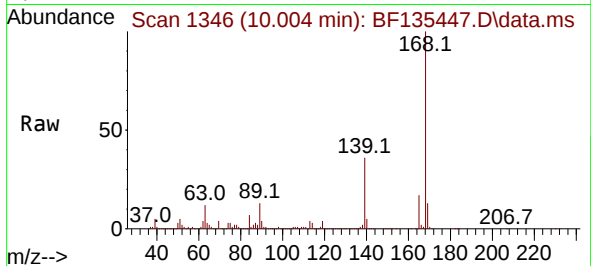
Tgt Ion:184 Resp: 200999
Ion Ratio Lower Upper
184 100
63 81.4 55.1 82.7
154 56.9 48.4 72.6





#55
Dibenzenofuran
Concen: 37.536 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

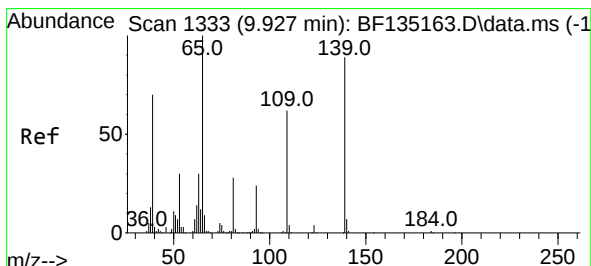
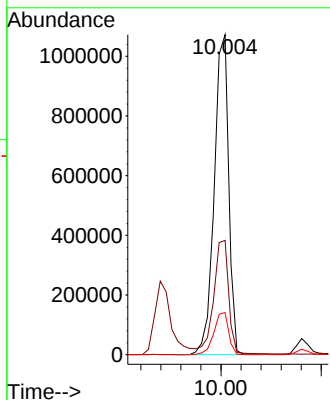
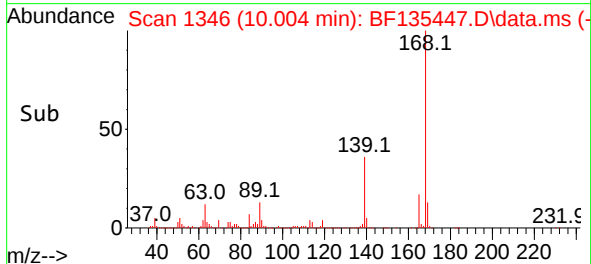
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:168 Resp: 107276
Ion Ratio Lower Upper
168 100
139 35.7 29.0 43.6
169 13.2 10.4 15.6

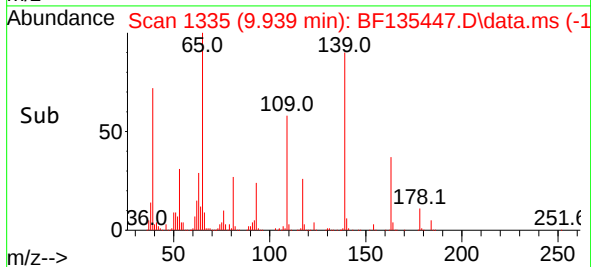
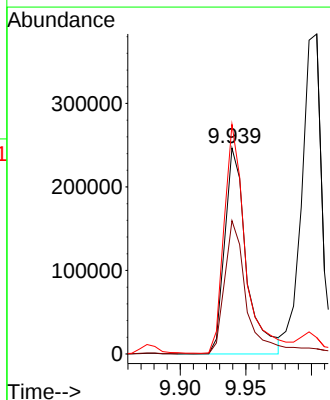
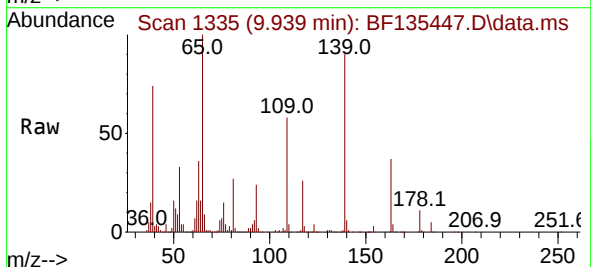
Manual Integrations
APPROVED

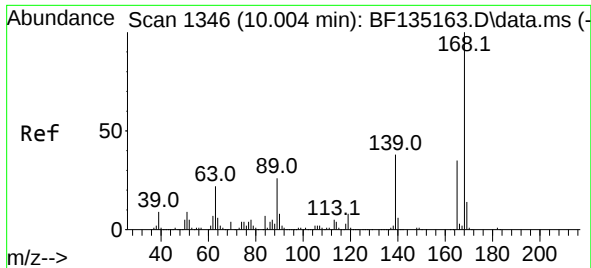
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#56
4-Nitrophenol
Concen: 74.856 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:139 Resp: 282983
Ion Ratio Lower Upper
139 100
109 64.8 49.8 89.8
65 111.5 92.7 132.7





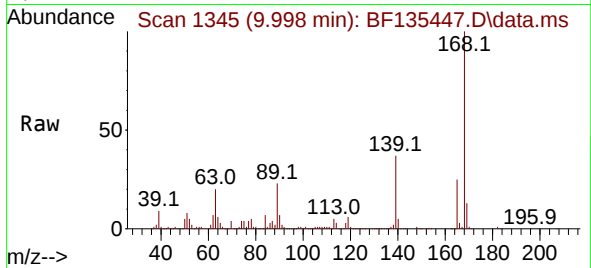
#57
2,4-Dinitrotoluene
Concen: 37.594 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

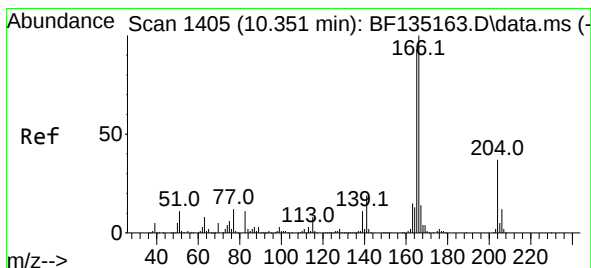
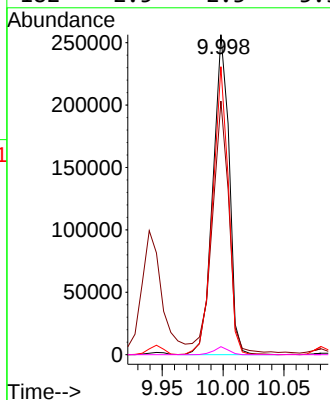
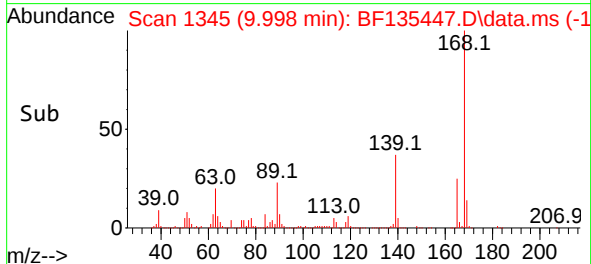


Tgt Ion:165 Resp: 23848
Ion Ratio Lower Upper
165 100
63 79.2 50.1 75.1
89 90.0 59.3 88.9
182 2.5 2.3 3.5

Manual Integrations

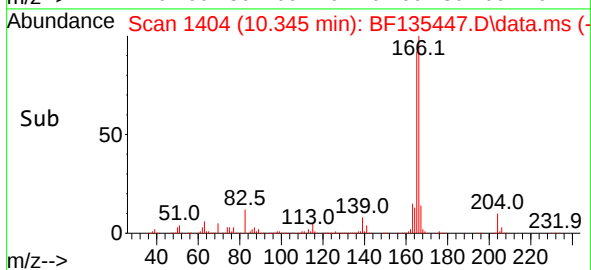
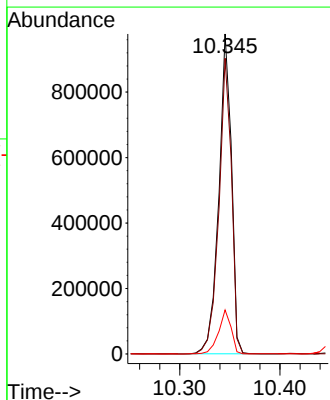
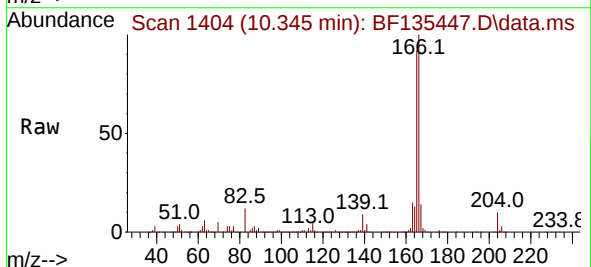
APPROVED

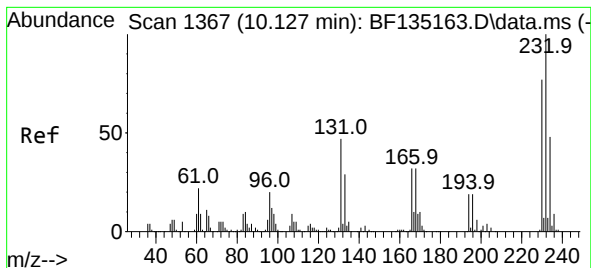
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#58
Fluorene
Concen: 38.761 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

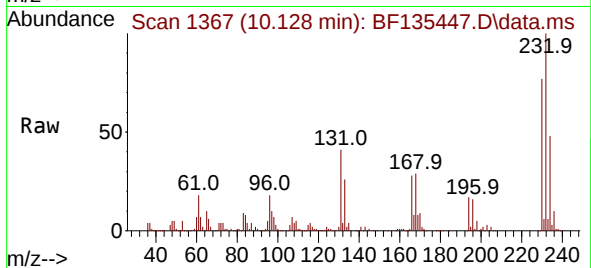
Tgt Ion:166 Resp: 851619
Ion Ratio Lower Upper
166 100
165 92.4 74.3 111.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.906 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

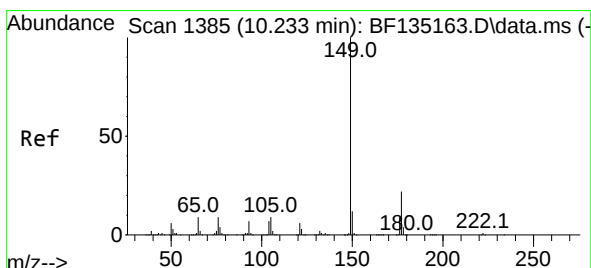
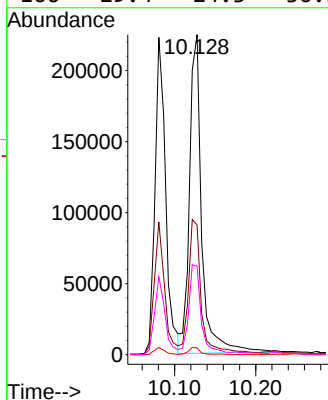
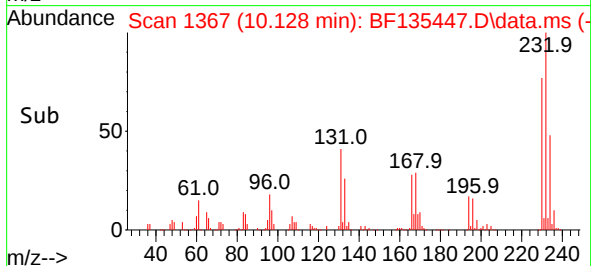
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



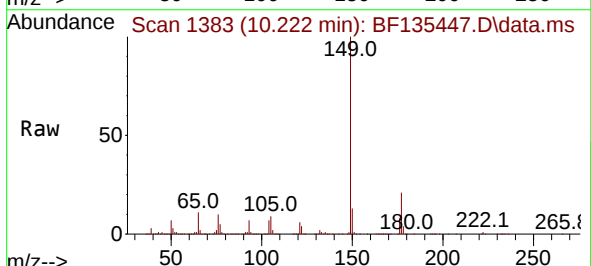
Tgt Ion:232 Resp: 235168
Ion Ratio Lower Upper
232 100
131 44.6 35.4 53.2
130 2.4 1.8 2.8
166 29.4 24.3 36.5

Manual Integrations
APPROVED

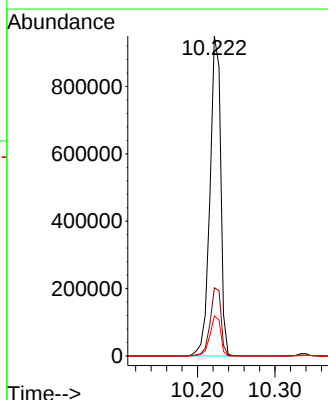
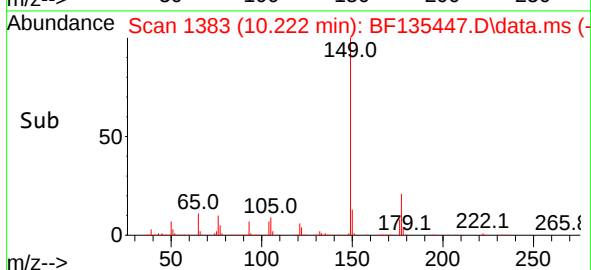
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

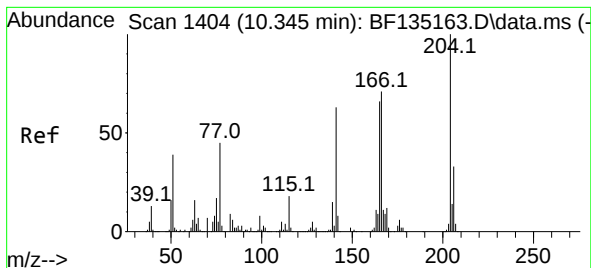


#60
Diethylphthalate
Concen: 39.330 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14



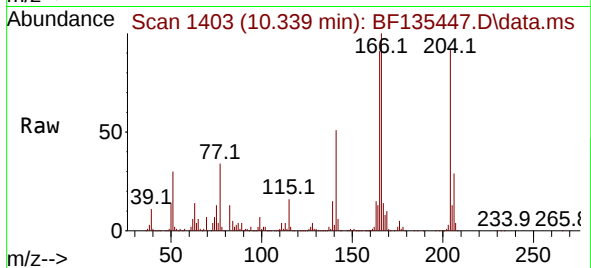
Tgt Ion:149 Resp: 913020
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.615 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

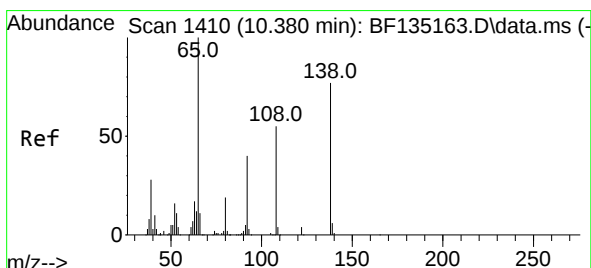
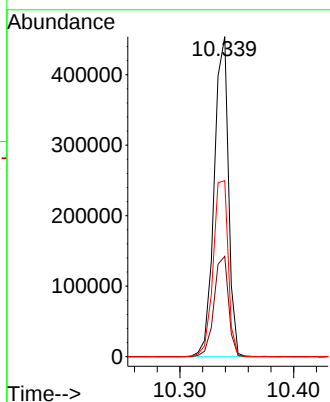
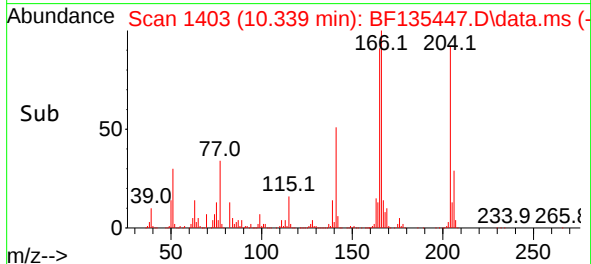
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:204 Resp: 396989
Ion Ratio Lower Upper
204 100
206 31.4 26.7 40.1
141 55.0 50.6 75.8

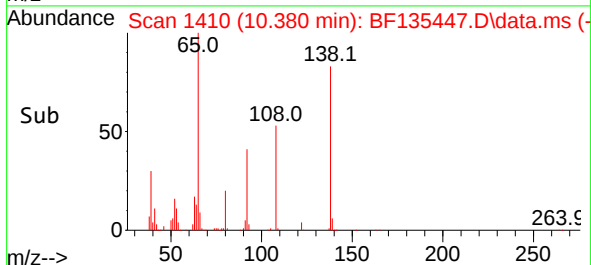
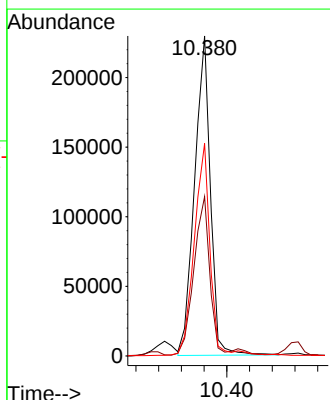
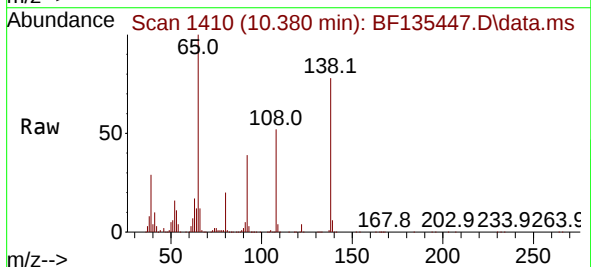
Manual Integrations
APPROVED

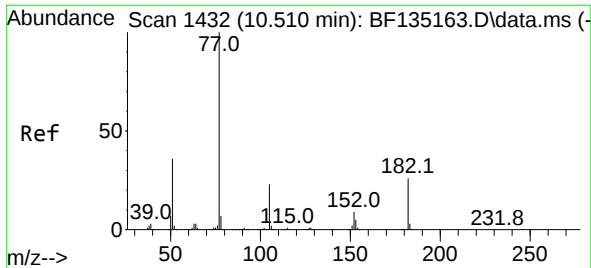
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#62
4-Nitroaniline
Concen: 38.784 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:138 Resp: 221755
Ion Ratio Lower Upper
138 100
92 49.8 31.8 71.8
108 66.4 52.0 92.0





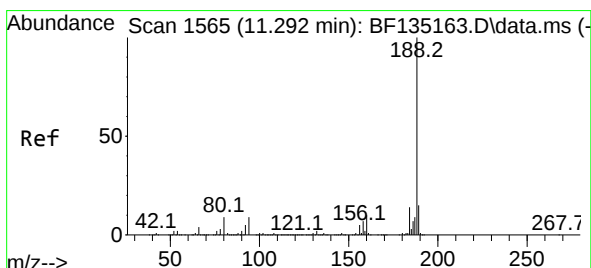
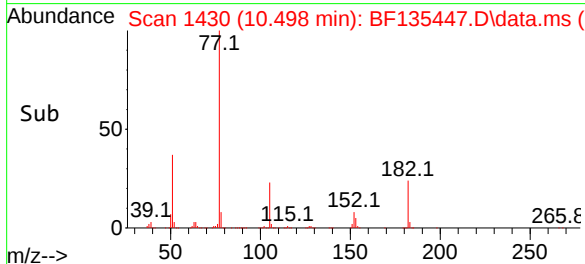
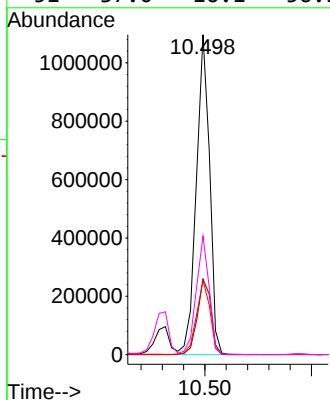
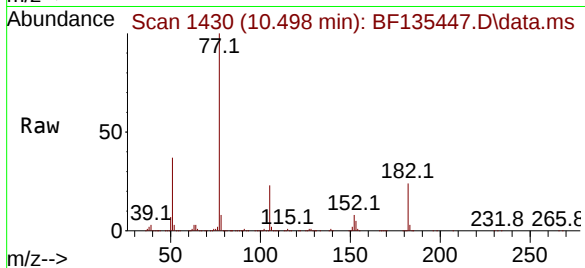
#63
Azobenzene
Concen: 41.760 ng
RT: 10.498 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :
BNA_F
ClientSampleId :
PB155707BSD

Tgt Ion: 77 Resp: 94876
Ion Ratio Lower Upper
77 100
182 23.6 6.4 46.4
105 23.2 3.1 43.1
51 37.0 16.1 56.1

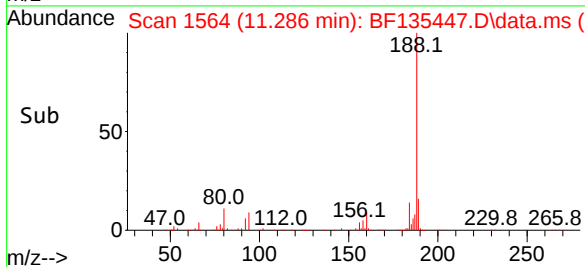
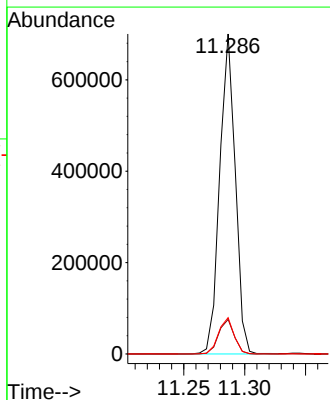
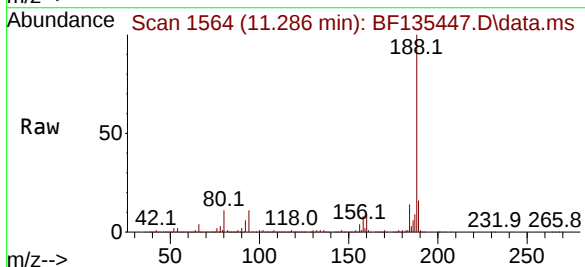
Manual Integrations
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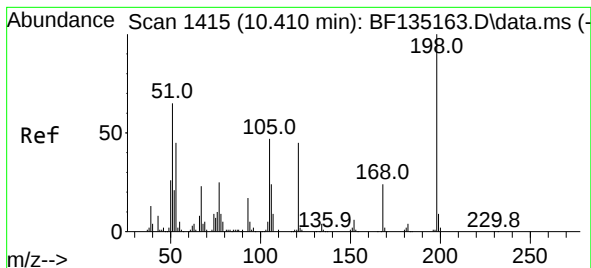
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:188 Resp: 624827
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.3 7.5 11.3#





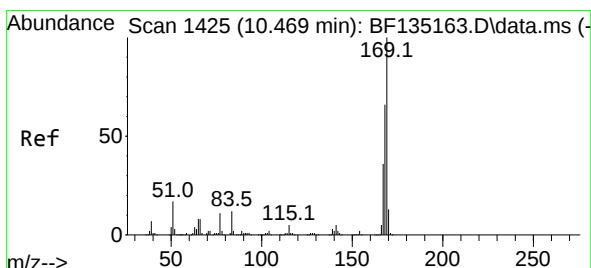
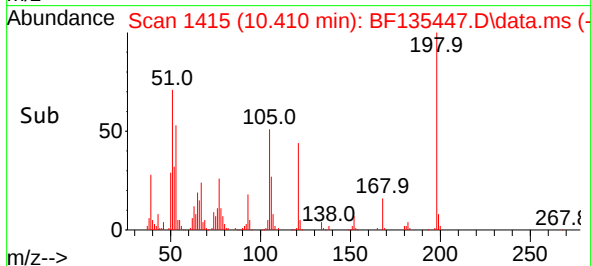
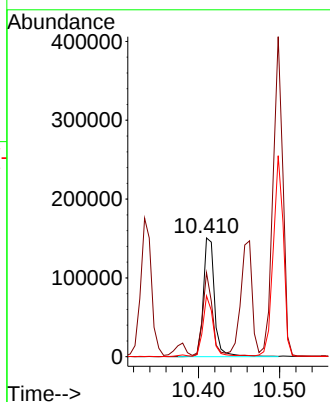
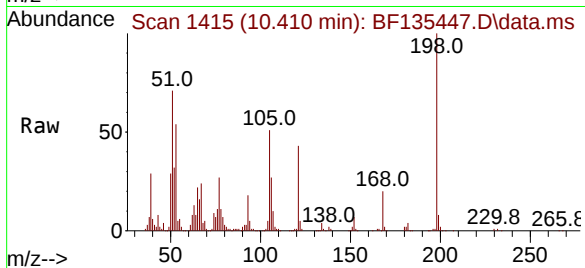
#65
4,6-Dinitro-2-methylphenol
Concen: 43.274 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :
BNA_F
ClientSampleId :
PB155707BSD

Tgt Ion:198 Resp: 14361
Ion Ratio Lower Upper
198 100
51 70.8 47.7 87.7
105 51.2 27.4 67.4

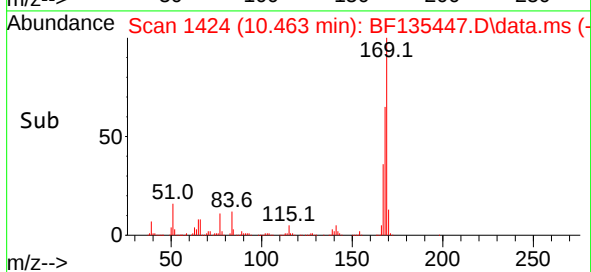
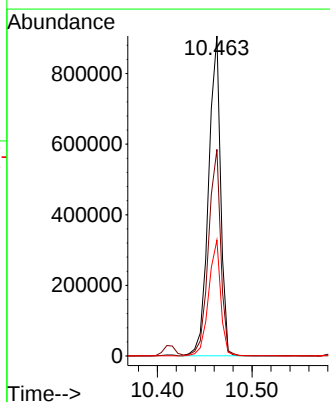
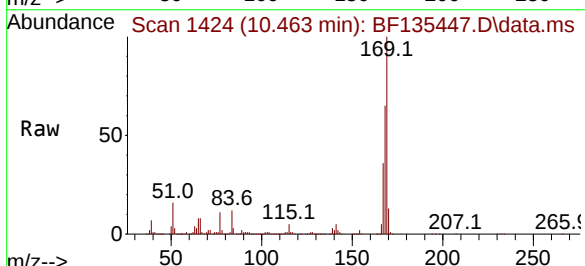
Manual Integrations
APPROVED

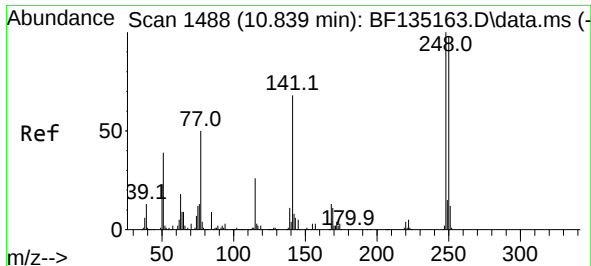
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#66
n-Nitrosodiphenylamine
Concen: 42.249 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

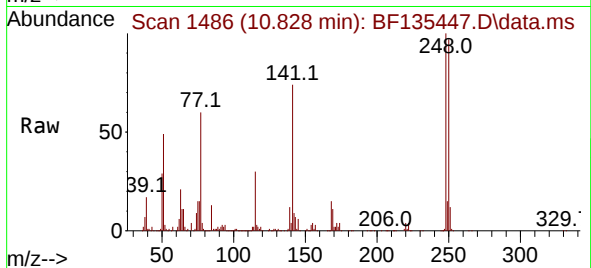
Tgt Ion:169 Resp: 799191
Ion Ratio Lower Upper
169 100
168 64.6 52.8 79.2
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.094 ng
RT: 10.828 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

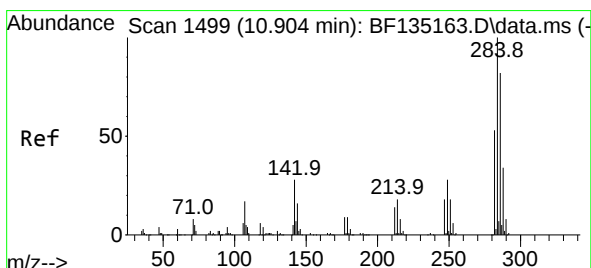
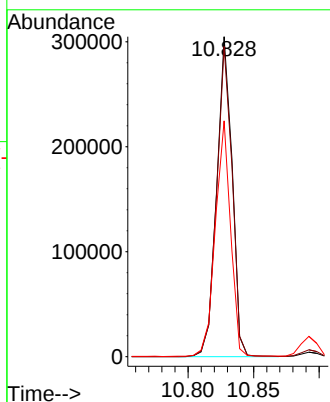
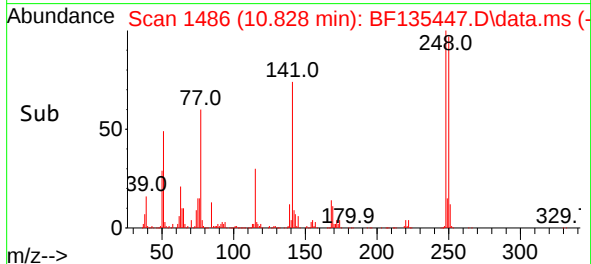
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:248 Resp: 249158
Ion Ratio Lower Upper
248 100
250 96.9 78.6 117.8
141 73.7 54.2 81.2

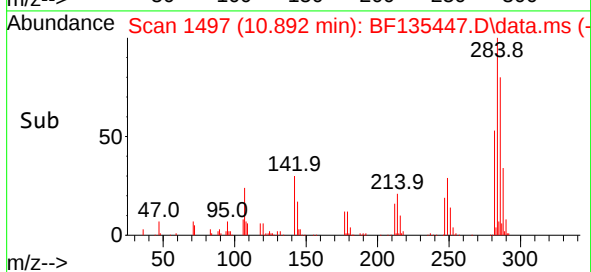
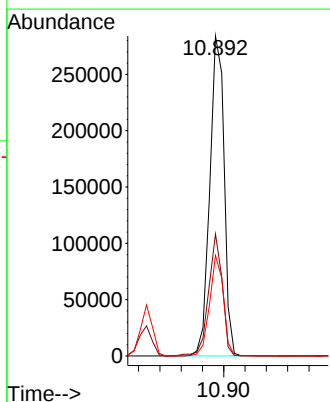
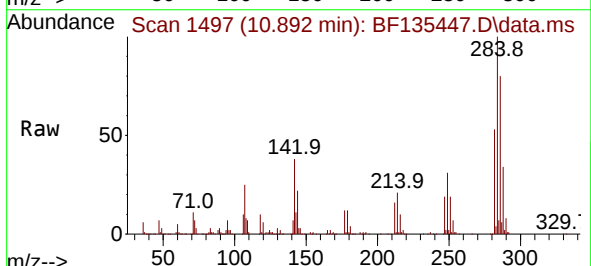
Manual Integrations
APPROVED

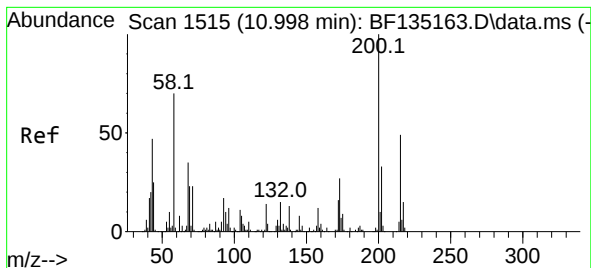
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#68
Hexachlorobenzene
Concen: 41.863 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:284 Resp: 265033
Ion Ratio Lower Upper
284 100
142 38.1 22.2 33.4#
249 31.4 22.5 33.7





#69

Atrazine

Concen: 46.868 ng

RT: 10.992 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF135447.D

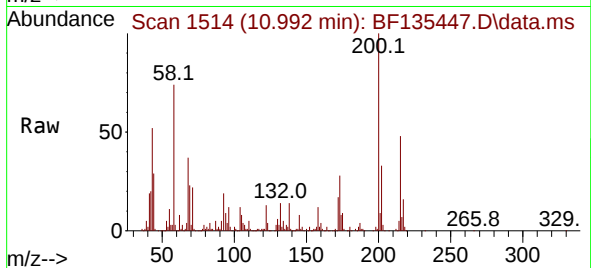
Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD



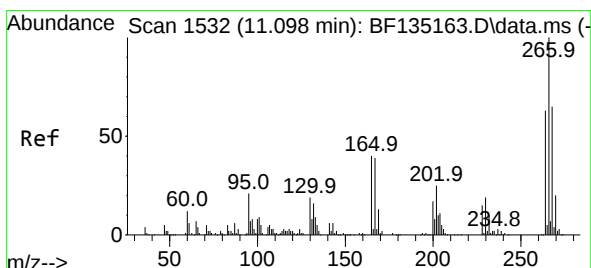
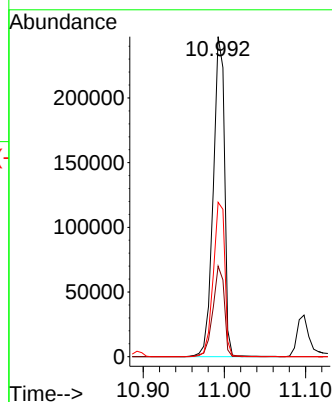
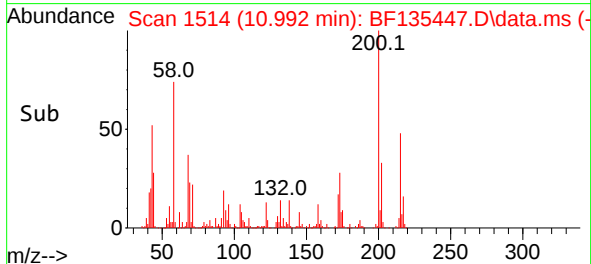
Tgt Ion:	200	Resp:	238554
Ion Ratio	Lower	Upper	
200	100		
173	28.3	7.4	47.4
215	48.2	28.6	68.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#70

Pentachlorophenol

Concen: 59.337 ng

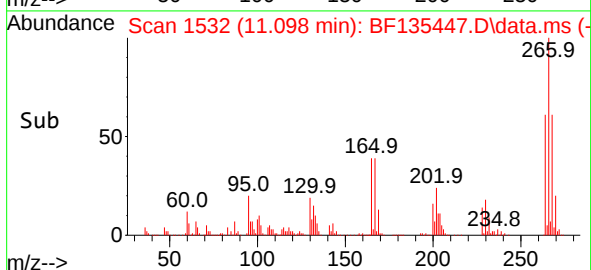
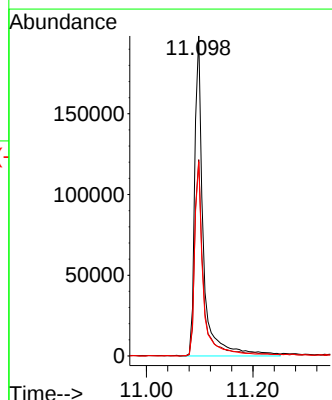
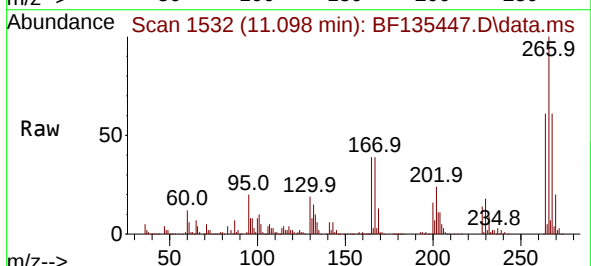
RT: 11.098 min Scan# 1532

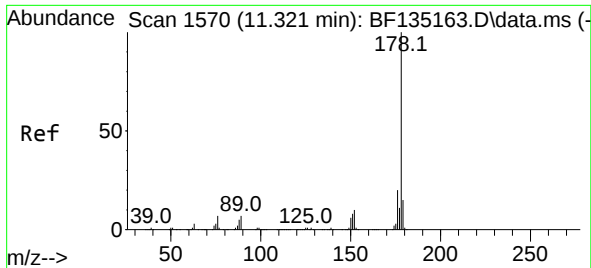
Delta R.T. 0.006 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Tgt Ion:	266	Resp:	224759
Ion Ratio	Lower	Upper	
266	100		
268	61.4	52.1	78.1
264	60.7	50.8	76.2





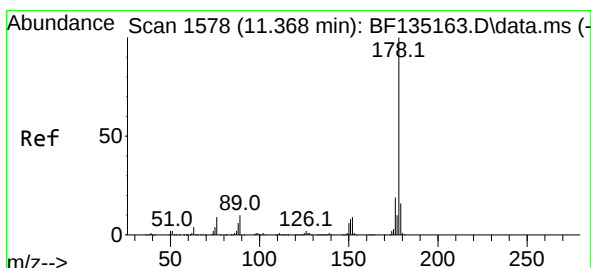
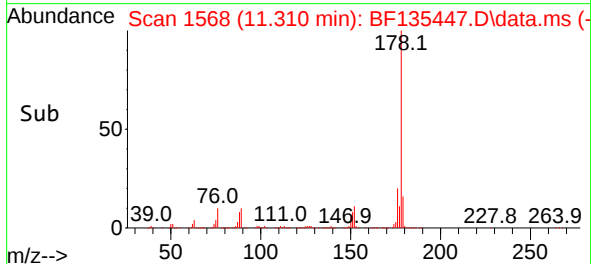
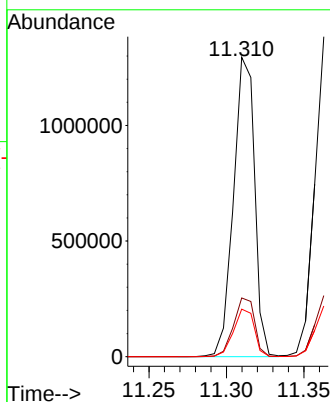
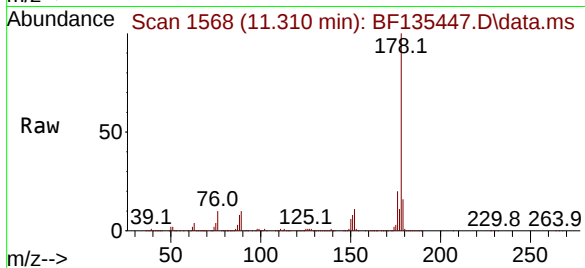
#71
Phenanthrene
Concen: 41.500 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :
BNA_F
ClientSampleId :
PB155707BSD

Tgt Ion:178 Resp: 1226394
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.9 12.0 18.0

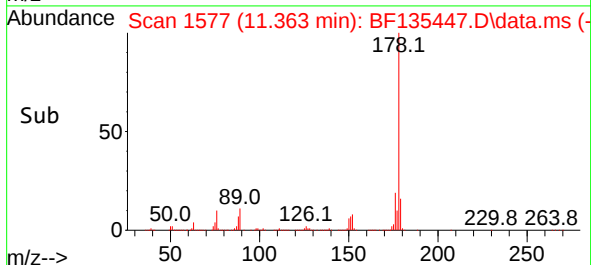
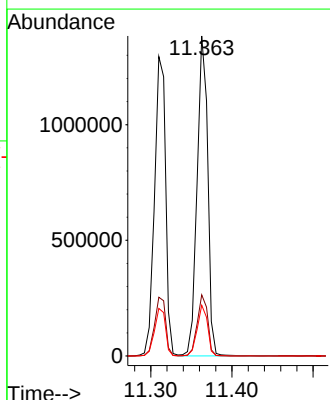
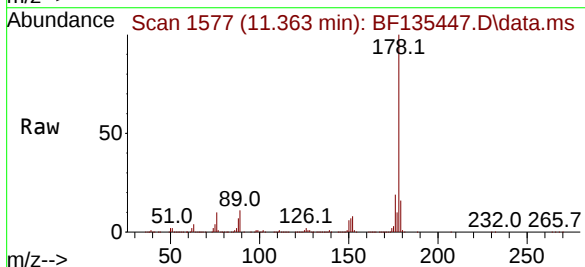
Manual Integrations
APPROVED

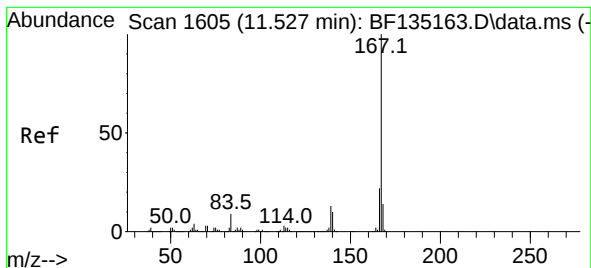
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#72
Anthracene
Concen: 41.705 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

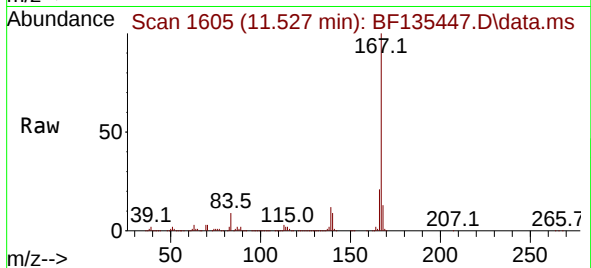
Tgt Ion:178 Resp: 1266833
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 42.964 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.006 min
 Lab File: BF135447.D
 Acq: 26 Sep 2023 12:14

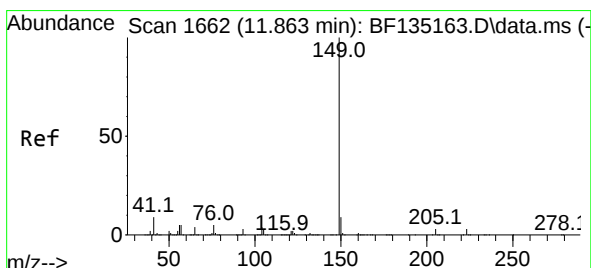
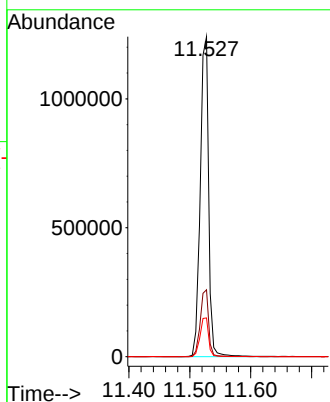
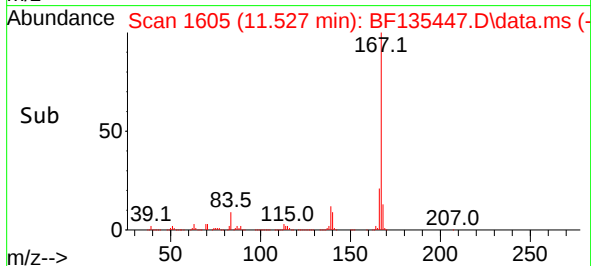
Instrument :
 BNA_F
 ClientSampleId :
 PB155707BSD



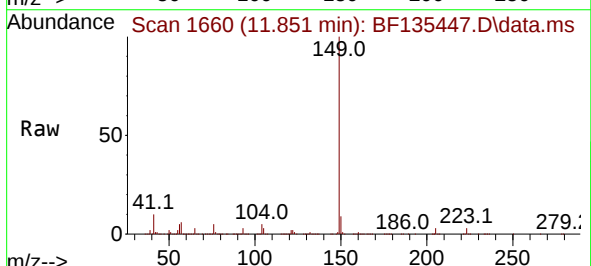
Tgt Ion:167 Resp: 1188040
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 12.1 10.6 15.8

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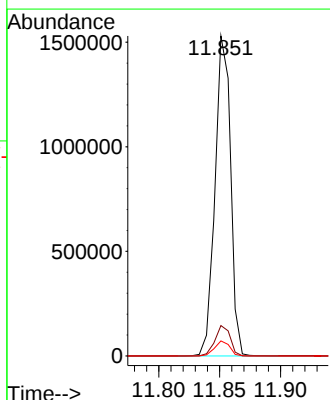
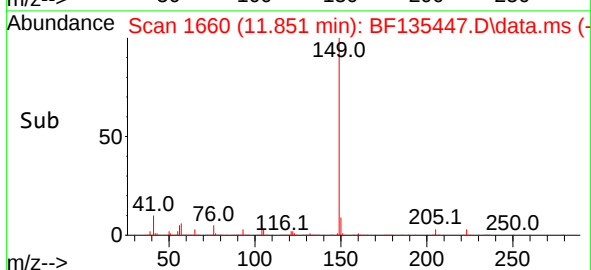
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

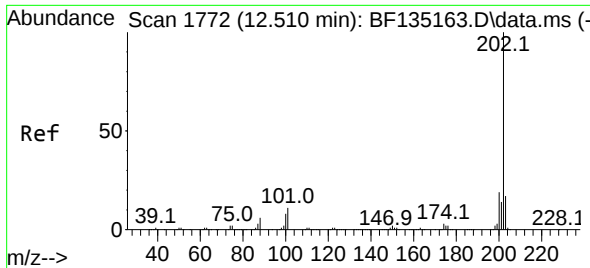


#74
 Di-n-butylphthalate
 Concen: 41.760 ng
 RT: 11.851 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF135447.D
 Acq: 26 Sep 2023 12:14



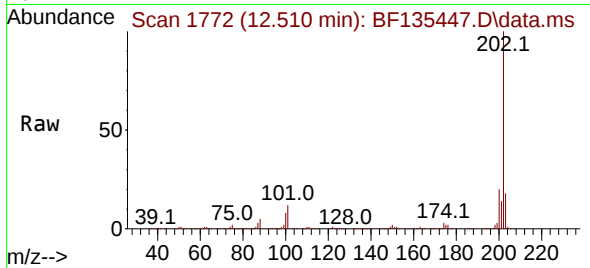
Tgt Ion:149 Resp: 1360682
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 40.239 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

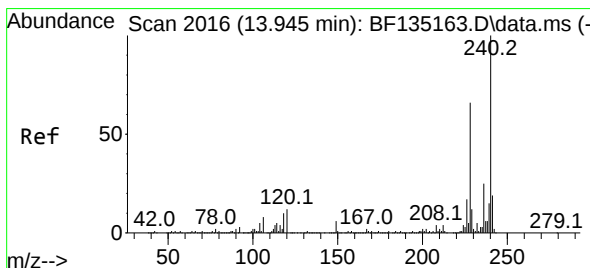
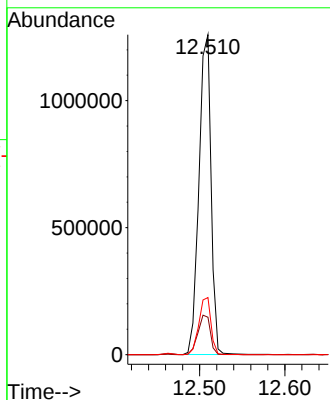
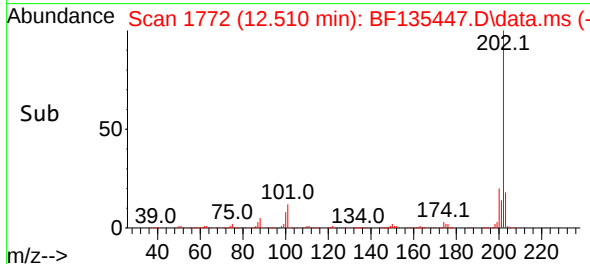
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



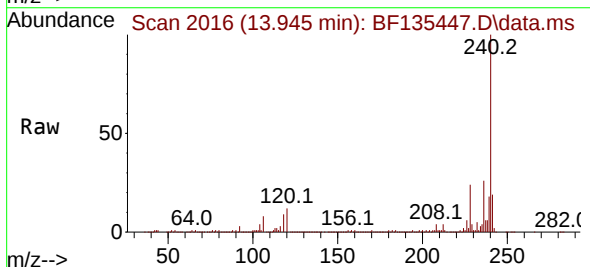
Tgt Ion:202 Resp: 1239070
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.3
203 17.8 0.0 37.4

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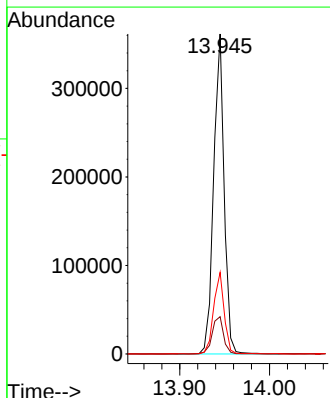
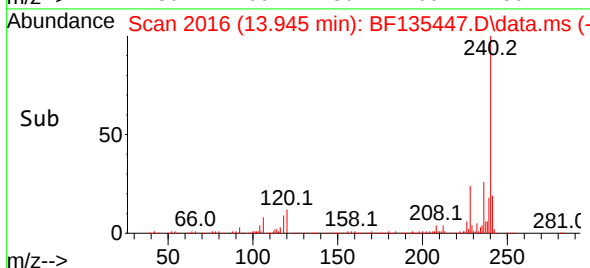
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

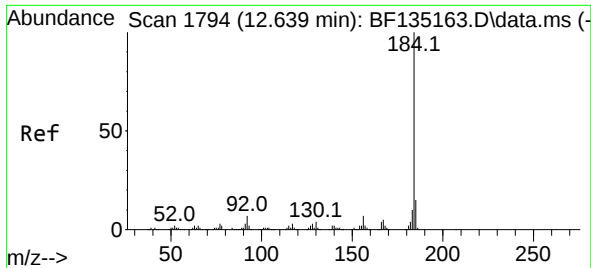


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14



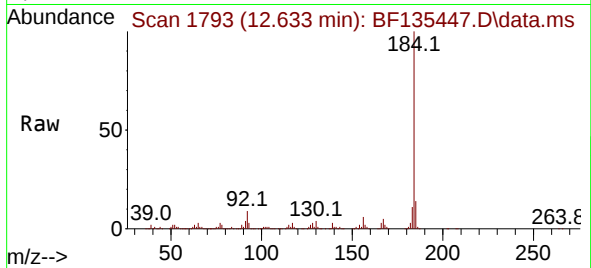
Tgt Ion:240 Resp: 293046
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.5 19.8 29.8





#77
Benzidine
Concen: 47.344 ng
RT: 12.633 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

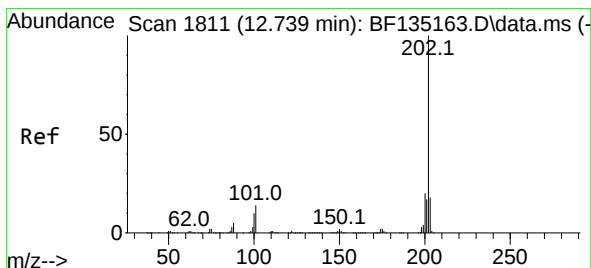
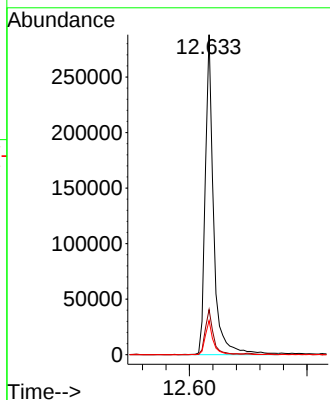
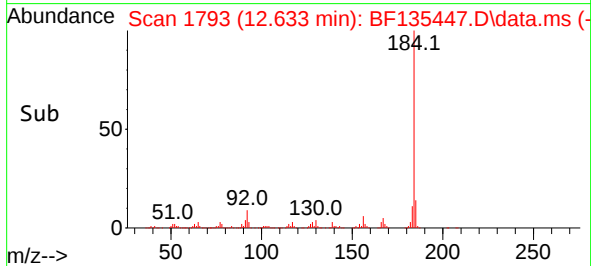
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:184 Resp: 284230
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.6 8.2 12.4

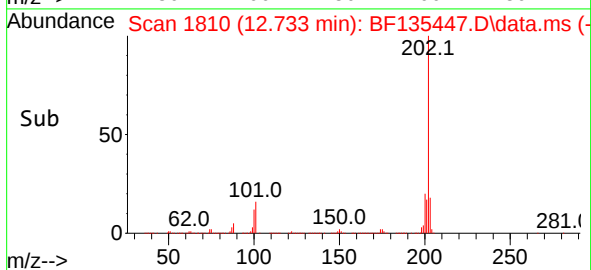
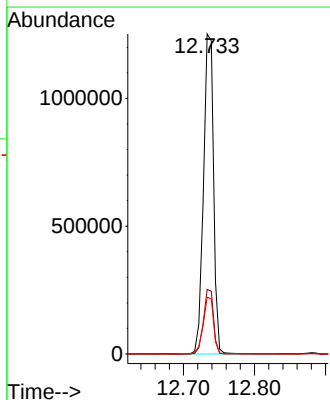
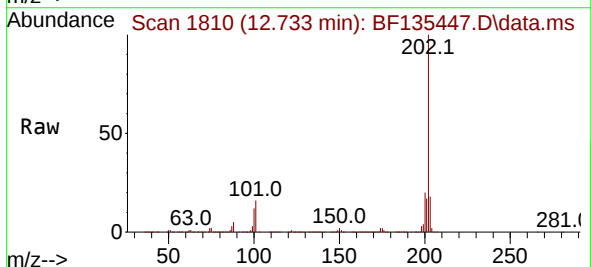
Manual Integrations
APPROVED

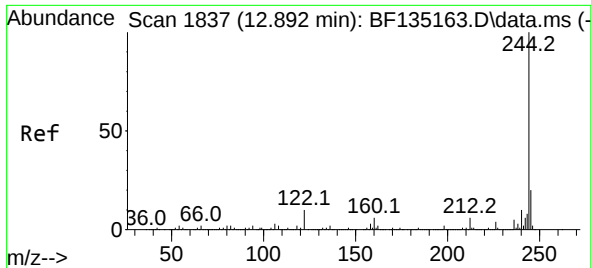
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#78
Pyrene
Concen: 44.384 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:202 Resp: 1238333
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.7 14.2 21.4





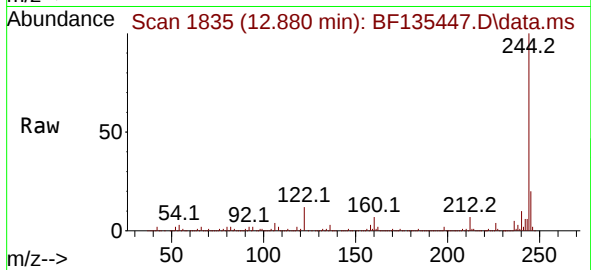
#79
 Terphenyl-d14
 Concen: 77.919 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135447.D
 Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD



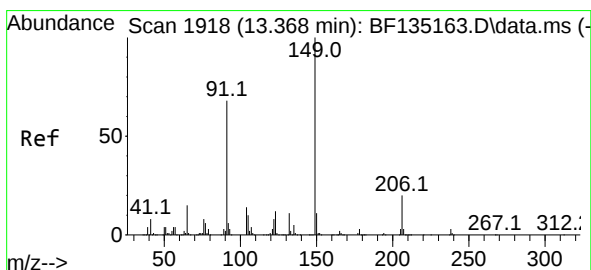
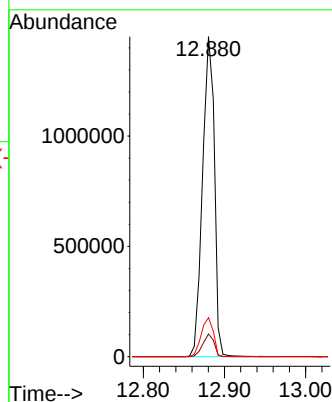
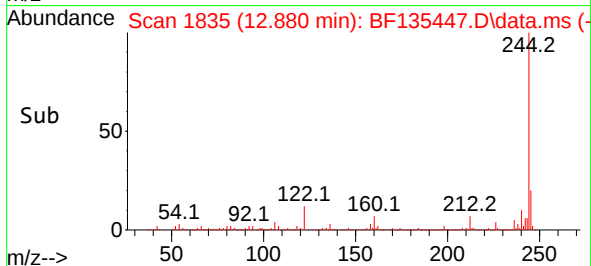
Tgt Ion:244 Resp: 1472964
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 12.2 7.9 11.9

Manual Integrations

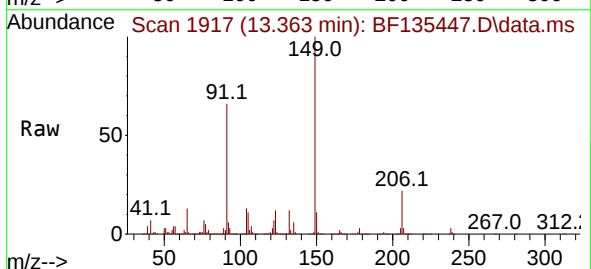
APPROVED

Reviewed By :Yogesh Patel 09/27/2023

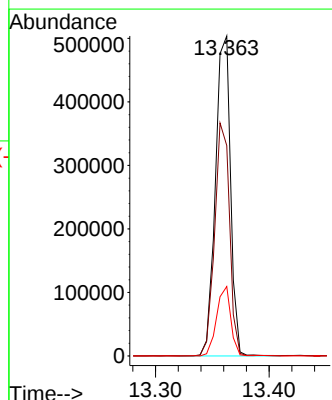
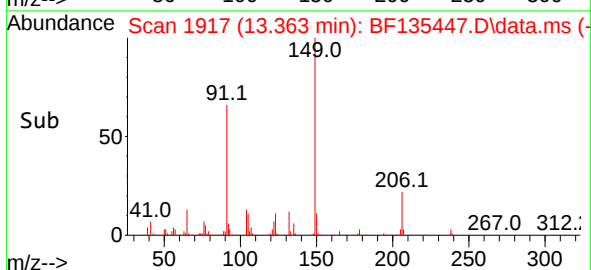
Supervised By :mohammad ahmed 09/29/2023

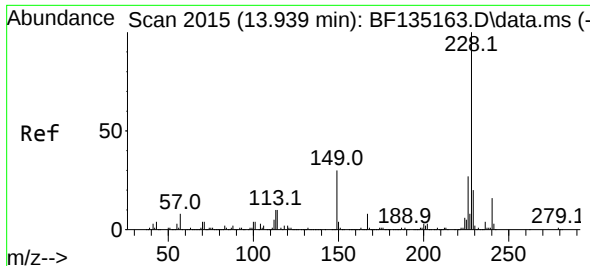


#80
 Butylbenzylphthalate
 Concen: 47.387 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. 0.006 min
 Lab File: BF135447.D
 Acq: 26 Sep 2023 12:14



Tgt Ion:149 Resp: 465491
 Ion Ratio Lower Upper
 149 100
 91 65.7 54.7 82.1
 206 21.7 16.3 24.5





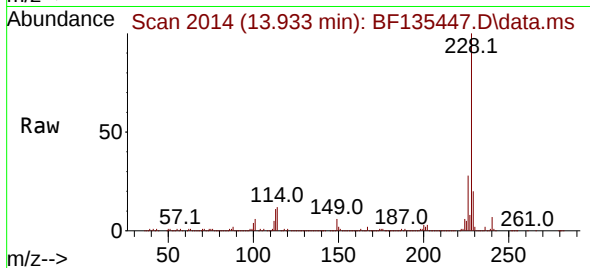
#81
Benzo(a)anthracene
Concen: 42.798 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

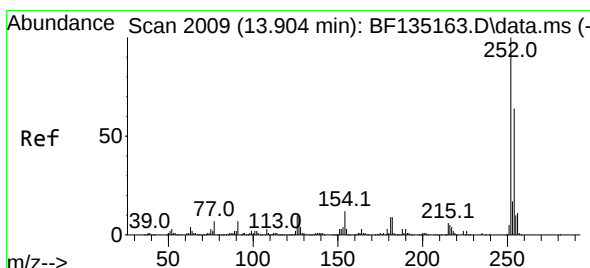
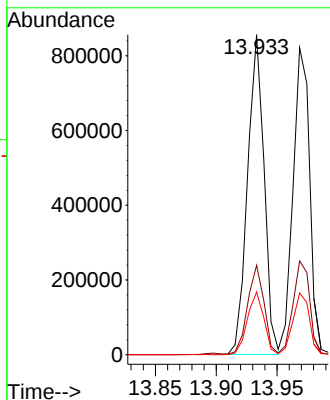
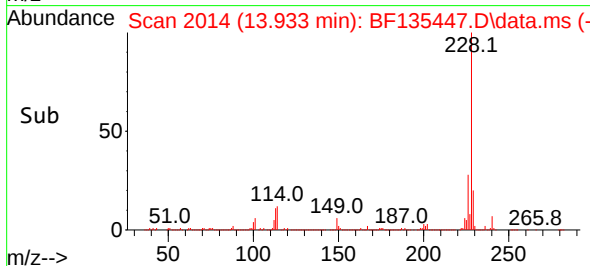


Tgt Ion:228 Resp: 80985
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 19.6 15.8 23.8

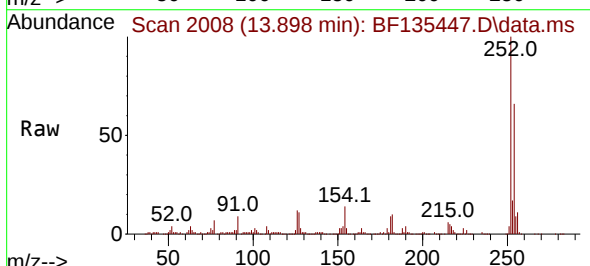
Manual Integrations

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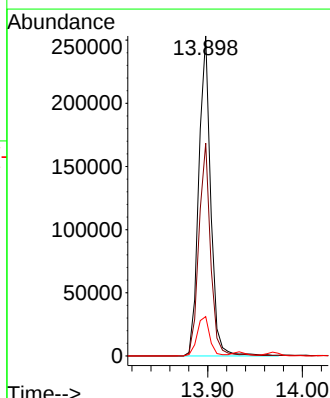
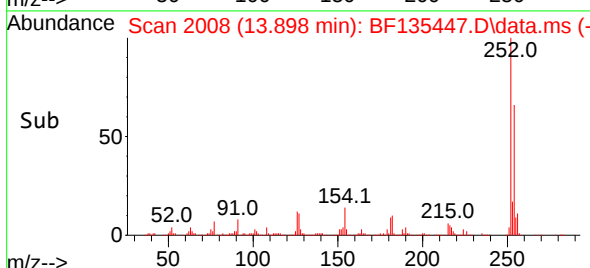
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

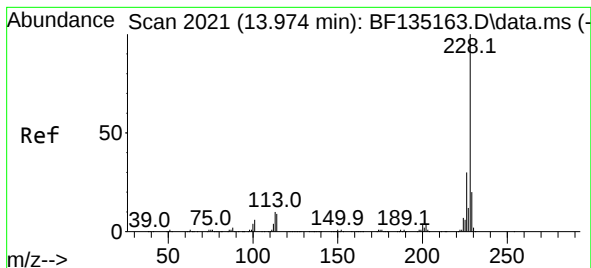


#82
3,3'-Dichlorobenzidine
Concen: 37.730 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14



Tgt Ion:252 Resp: 223004
Ion Ratio Lower Upper
252 100
254 66.5 51.0 76.4
126 12.3 7.8 11.8#





#83

Chrysene

Concen: 41.661 ng

RT: 13.969 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

PB155707BSD

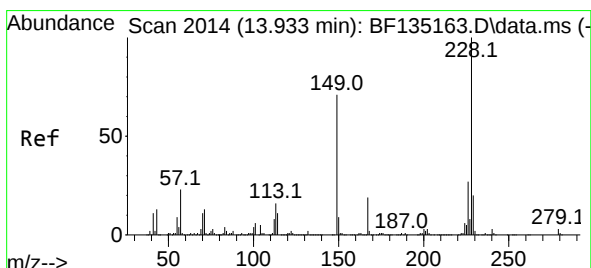
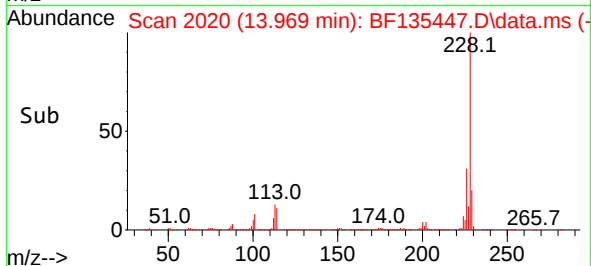
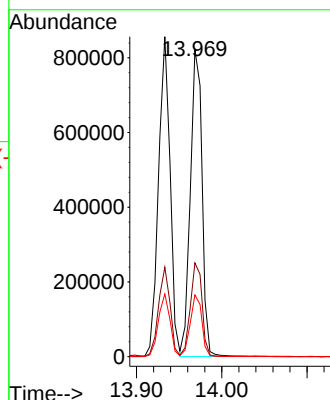
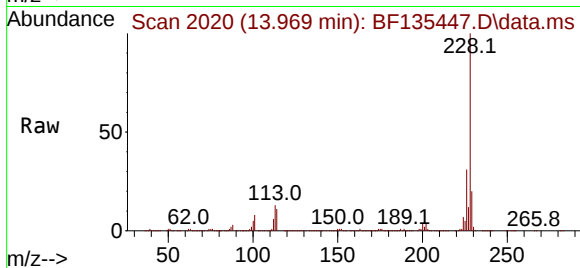
Tgt Ion:	228	Resp:	783789
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.3	36.5
229	20.1	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.798 ng

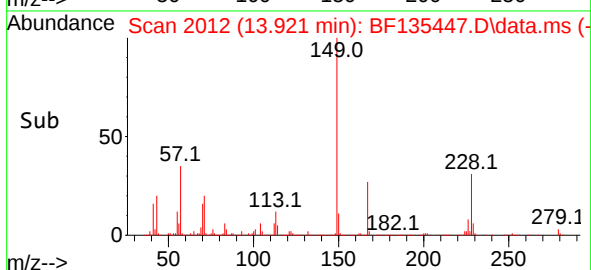
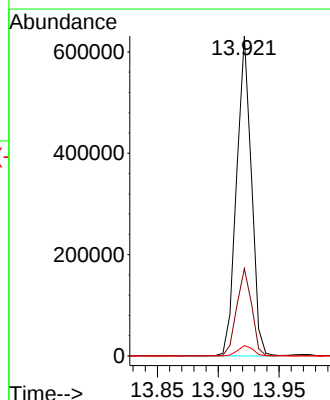
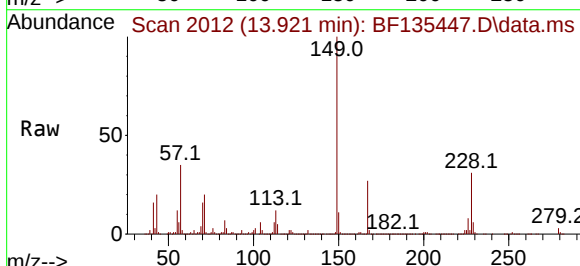
RT: 13.921 min Scan# 2012

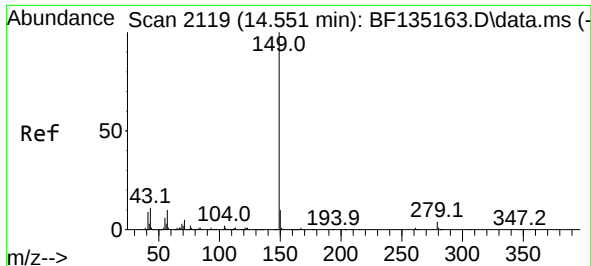
Delta R.T. -0.000 min

Lab File: BF135447.D

Acq: 26 Sep 2023 12:14

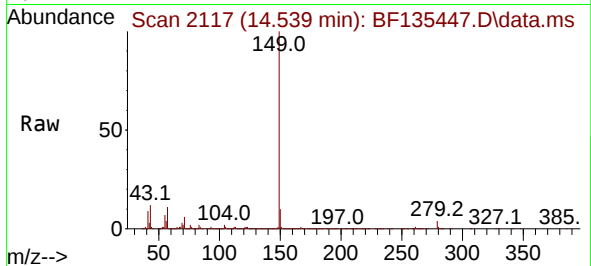
Tgt Ion:	149	Resp:	532220
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.9	32.9
279	3.2	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 49.690 ng
RT: 14.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

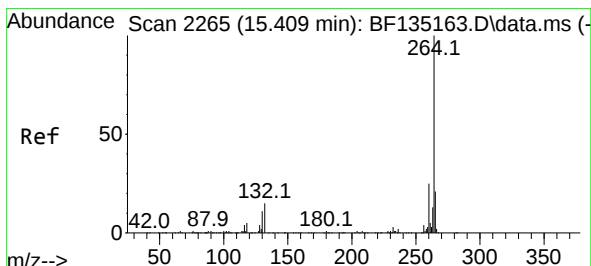
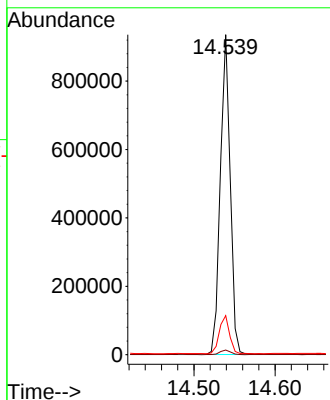
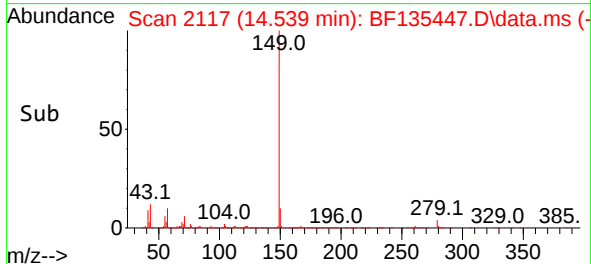
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:149 Resp: 796010
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.2 9.8 14.6

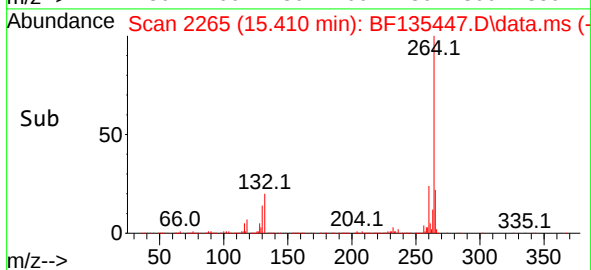
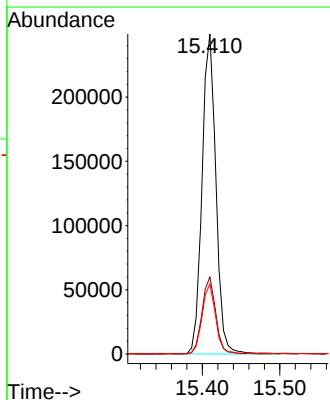
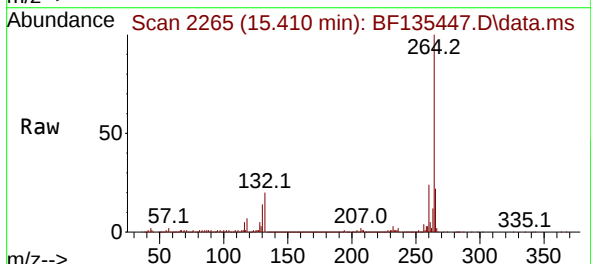
Manual Integrations
APPROVED

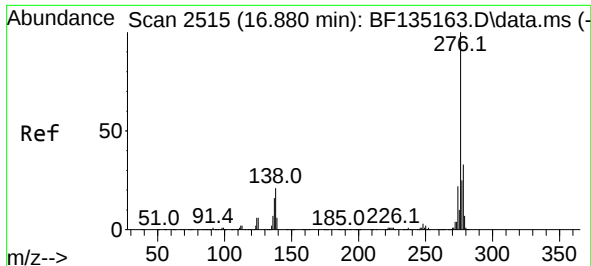
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:264 Resp: 309346
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.6
265 21.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.341 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

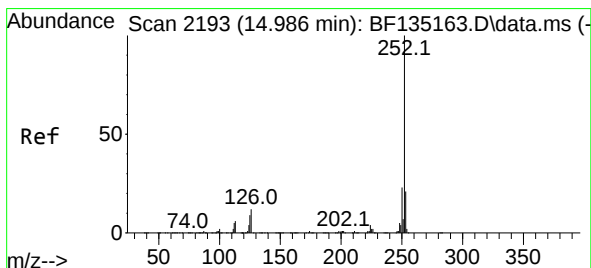
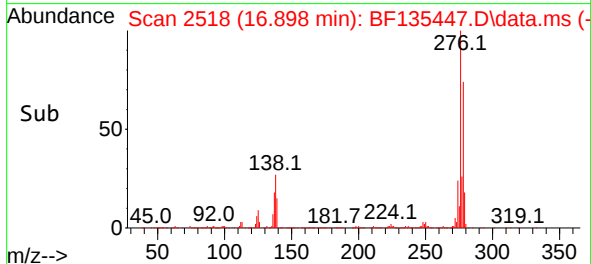
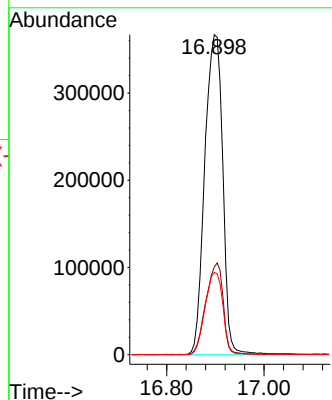
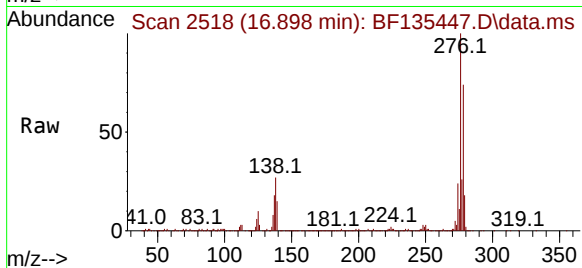
PB155707BSD

Tgt Ion:276 Resp: 939928
Ion Ratio Lower Upper
276 100
138 27.5 19.2 28.8
277 25.2 19.7 29.5

Manual Integrations

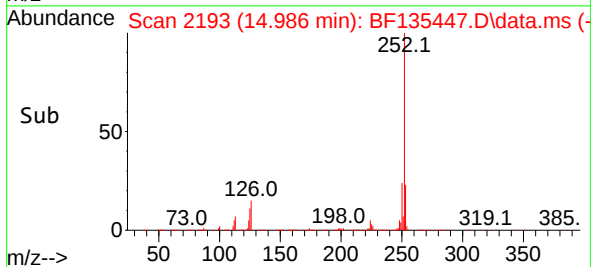
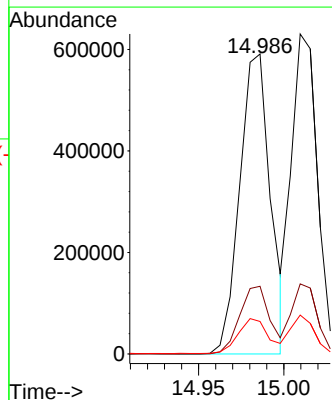
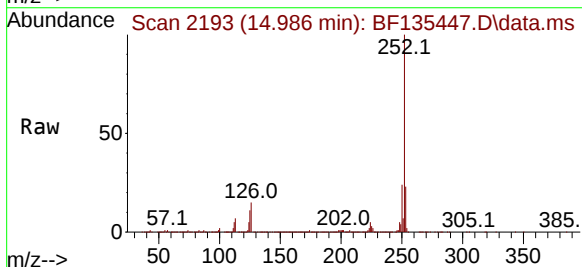
APPROVED

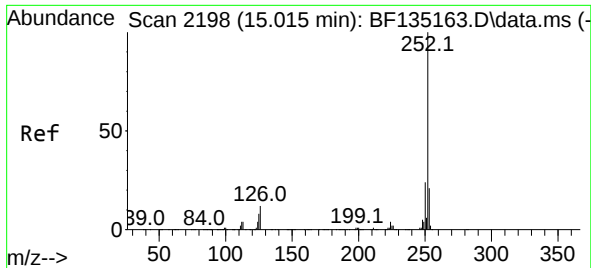
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#88
Benzo(b)fluoranthene
Concen: 44.277 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

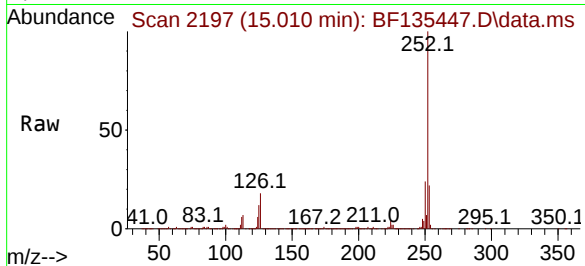
Tgt Ion:252 Resp: 741456
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.8 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 40.796 ng
RT: 15.010 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

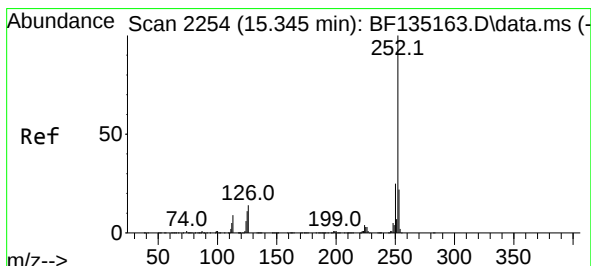
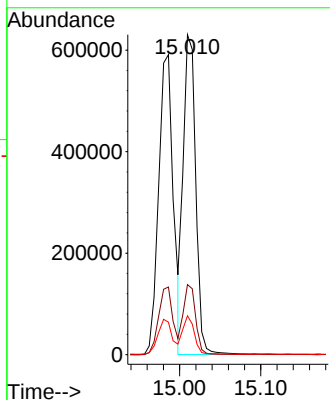
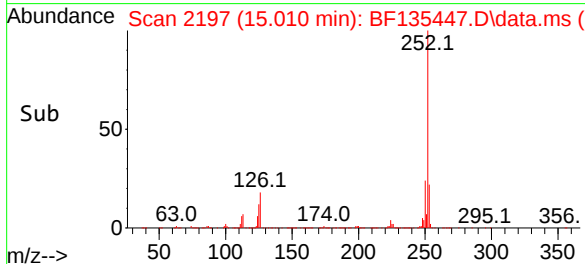
Instrument :
BNA_F
ClientSampleId :
PB155707BSD



Tgt Ion:252 Resp: 67484
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 12.2 7.2 10.8

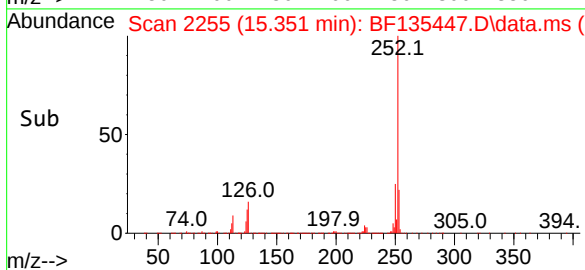
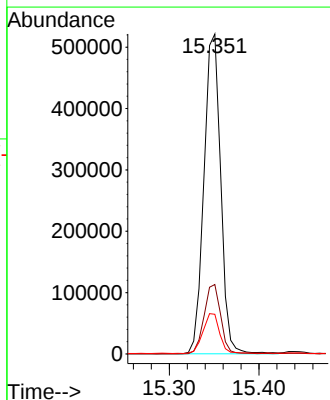
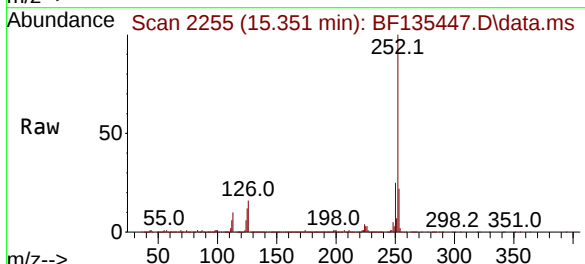
Manual Integrations
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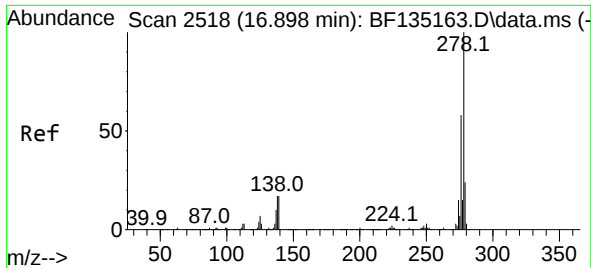
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#90
Benzo(a)pyrene
Concen: 42.348 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:252 Resp: 676284
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 12.4 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 46.053 ng
RT: 16.909 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Instrument :

BNA_F

ClientSampleId :

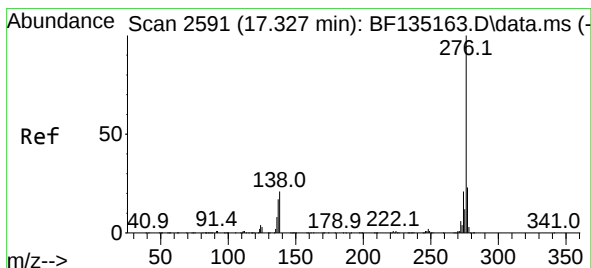
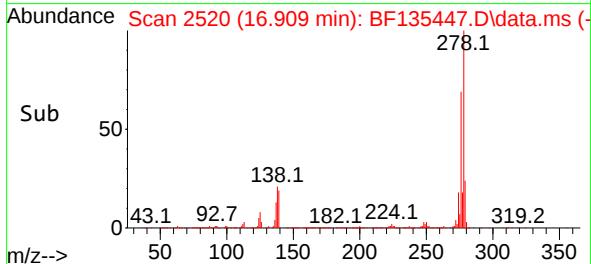
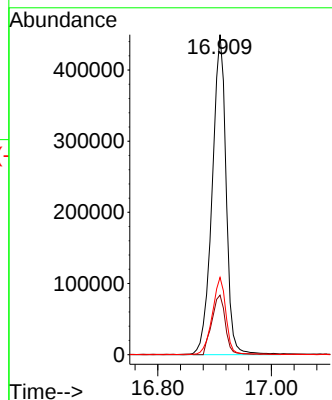
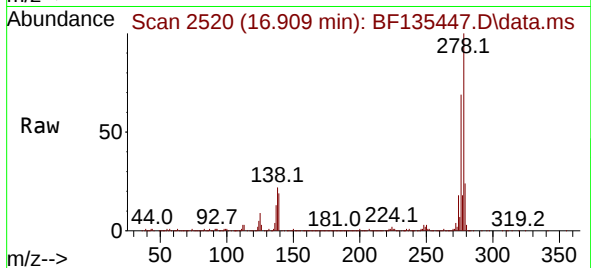
PB155707BSD

Tgt Ion:278 Resp: 76428
Ion Ratio Lower Upper
278 100
139 18.6 13.4 20.0
279 24.2 19.0 28.6

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.889 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF135447.D
Acq: 26 Sep 2023 12:14

Tgt Ion:276 Resp: 812682
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 25.0 16.9 25.3

