

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140446.D
 Acq On : 18 Nov 2024 11:32
 Operator : RC/JU
 Sample : PB164846BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164846BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 12:03:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	165160	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	638782	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	347317	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	636734	20.000	ng	0.00
76) Chrysene-d12	14.057	240	331814	20.000	ng	0.00
86) Perylene-d12	15.557	264	309689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1149536	118.836	ng	0.02
7) Phenol-d6	6.522	99	1515382	115.627	ng	0.02
23) Nitrobenzene-d5	7.439	82	1002890	81.801	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	445703	129.047	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1797907	83.216	ng	0.00
79) Terphenyl-d14	12.986	244	1951122	102.067	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	148406	34.422	ng	99
3) Pyridine	3.487	79	373471	35.236	ng	100
4) n-Nitrosodimethylamine	3.446	42	216844	40.480	ng	100
6) Aniline	6.540	93	449644	39.440	ng	# 40
8) 2-Chlorophenol	6.663	128	450805	43.385	ng	98
9) Benzaldehyde	6.428	77	18407	2.343	ng	99
10) Phenol	6.534	94	552204	39.954	ng	# 72
11) bis(2-Chloroethyl)ether	6.610	93	445879	42.577	ng	99
12) 1,3-Dichlorobenzene	6.816	146	463969	40.469	ng	99
13) 1,4-Dichlorobenzene	6.892	146	472286	40.627	ng	99
14) 1,2-Dichlorobenzene	7.045	146	448434	41.552	ng	99
15) Benzyl Alcohol	7.022	79	416244	44.083	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	593039	40.998	ng	62
17) 2-Methylphenol	7.134	107	357192	41.787	ng	93
18) Hexachloroethane	7.387	117	180191	41.928	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	319847	40.408	ng	99
20) 3+4-Methylphenols	7.287	107	430999	40.318	ng	92
22) Acetophenone	7.281	105	598383	40.277	ng	# 99
24) Nitrobenzene	7.457	77	502108	39.335	ng	99
25) Isophorone	7.692	82	892542	41.077	ng	100
26) 2-Nitrophenol	7.775	139	242821	42.867	ng	99
27) 2,4-Dimethylphenol	7.810	122	364964	50.326	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	546901	41.048	ng	100
29) 2,4-Dichlorophenol	8.022	162	377878	42.162	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	395907	39.677	ng	99
31) Naphthalene	8.181	128	1311141	40.462	ng	100
32) Benzoic acid	7.945	122	259311	40.636	ng	95
33) 4-Chloroaniline	8.228	127	365387	32.423	ng	99
34) Hexachlorobutadiene	8.292	225	256885	40.406	ng	99
35) Caprolactam	8.598	113	124006m	41.629	ng	
36) 4-Chloro-3-methylphenol	8.716	107	415262	41.810	ng	100
37) 2-Methylnaphthalene	8.869	142	853575	41.080	ng	100
38) 1-Methylnaphthalene	8.969	142	788895	38.772	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	403173	41.978	ng	99
41) Hexachlorocyclopentadiene	9.022	237	411455	166.853	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	265884	42.183	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	284345	41.262	ng	99
46) 1,1'-Biphenyl	9.333	154	1049756	41.546	ng	99
47) 2-Chloronaphthalene	9.357	162	786072	40.840	ng	99
48) 2-Nitroaniline	9.457	65	272968	42.763	ng	98
49) Acenaphthylene	9.775	152	1293683	44.424	ng	100
50) Dimethylphthalate	9.633	163	976397	43.130	ng	100
51) 2,6-Dinitrotoluene	9.698	165	214166	41.497	ng	99
52) Acenaphthene	9.951	154	928998m	47.231	ng	
53) 3-Nitroaniline	9.869	138	180285	33.263	ng	99
54) 2,4-Dinitrophenol	9.980	184	241543	90.757	ng	100
55) Dibenzofuran	10.122	168	1170858	42.050	ng	100
56) 4-Nitrophenol	10.045	139	326519	82.591	ng	99
57) 2,4-Dinitrotoluene	10.110	165	286393	42.164	ng	95
58) Fluorene	10.463	166	915188	41.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	247144	45.420	ng	97
60) Diethylphthalate	10.333	149	978499	42.270	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	450935	41.524	ng	99
62) 4-Nitroaniline	10.492	138	224994	40.599	ng	98
63) Azobenzene	10.616	77	965118	42.196	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	165087	48.190	ng	99
66) n-Nitrosodiphenylamine	10.575	169	806124	43.817	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	276151	43.387	ng	99
68) Hexachlorobenzene	11.016	284	312673	43.661	ng	96
69) Atrazine	11.098	200	204988	36.828	ng	99
70) Pentachlorophenol	11.210	266	327103	84.794	ng	99
71) Phenanthrene	11.427	178	1293808	43.255	ng	100
72) Anthracene	11.480	178	1327808	45.295	ng	99
73) Carbazole	11.633	167	1219658	42.137	ng	100
74) Di-n-butylphthalate	11.957	149	1526840	43.950	ng	100
75) Fluoranthene	12.616	202	1387211	41.338	ng	99
77) Benzidine	12.739	184	270508	21.241	ng	99
78) Pyrene	12.851	202	1393611	49.101	ng	100
80) Butylbenzylphthalate	13.463	149	546873	50.157	ng	97
81) Benzo(a)anthracene	14.045	228	985370	45.185	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	265978	38.372	ng	99
83) Chrysene	14.080	228	886826	44.569	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	707203	48.594	ng	100
85) Di-n-octyl phthalate	14.657	149	925048	45.132	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	955785	49.962	ng	100
88) Benzo(b)fluoranthene	15.115	252	824611	40.705	ng	100
89) Benzo(k)fluoranthene	15.145	252	683584	41.305	ng	99
90) Benzo(a)pyrene	15.492	252	739316	46.995	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	783426	49.543	ng	100
92) Benzo(g,h,i)perylene	17.521	276	724191	44.797	ng	99

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

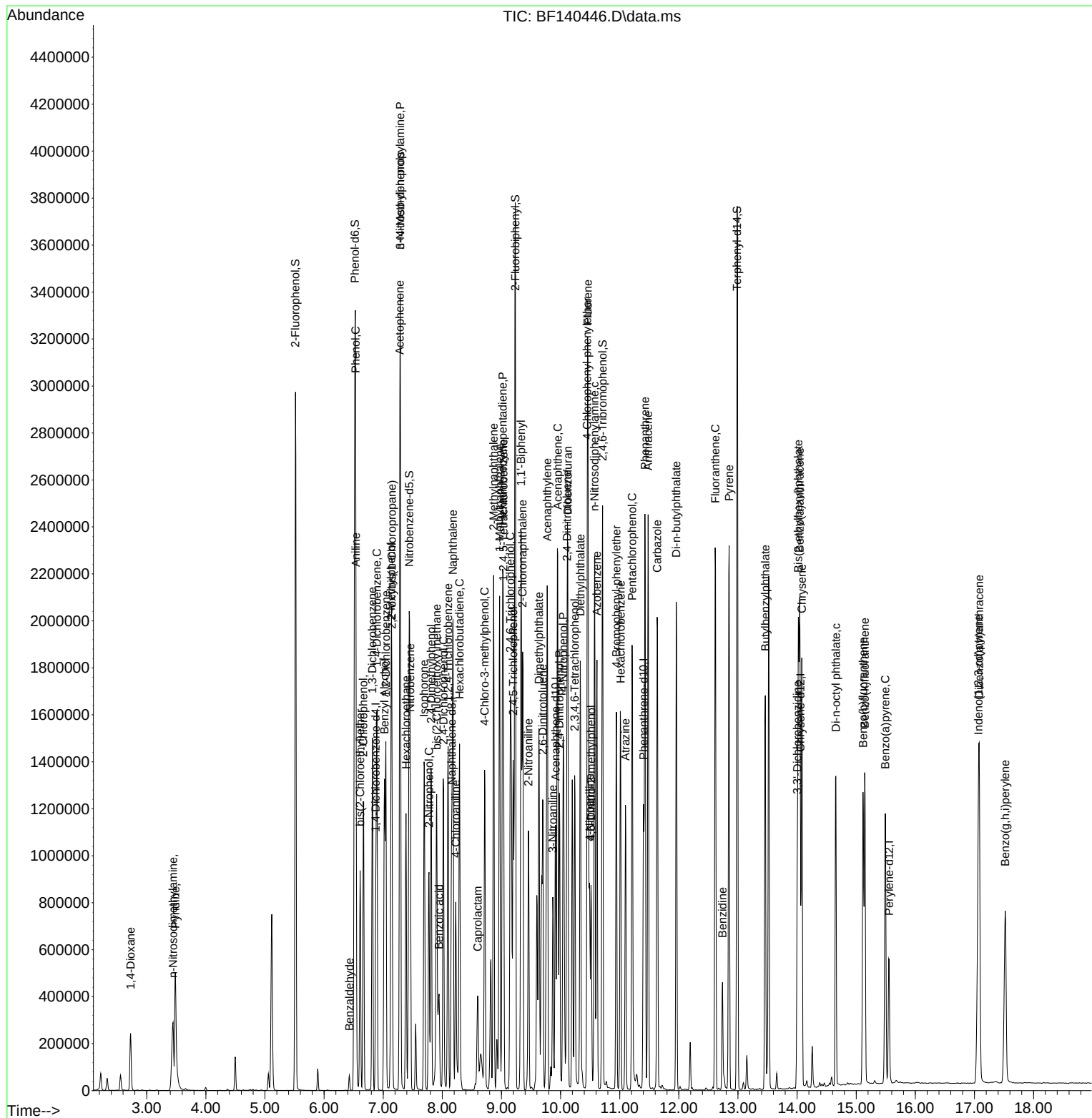
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
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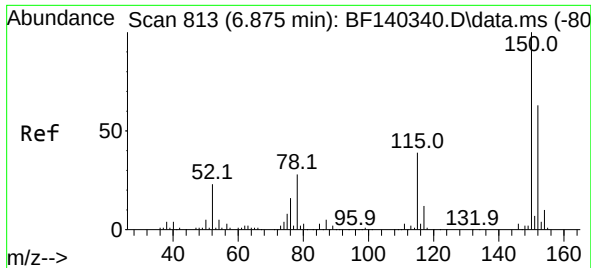
Instrument :
BNA_F
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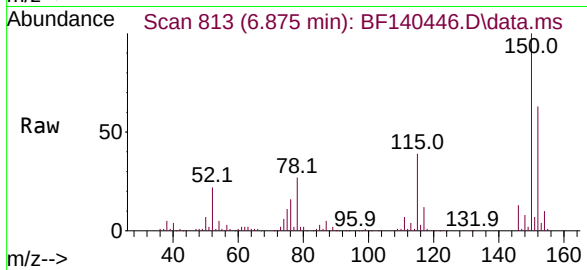
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS



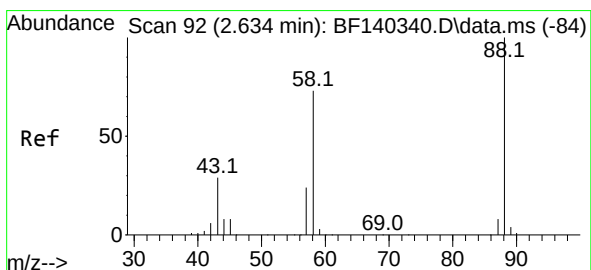
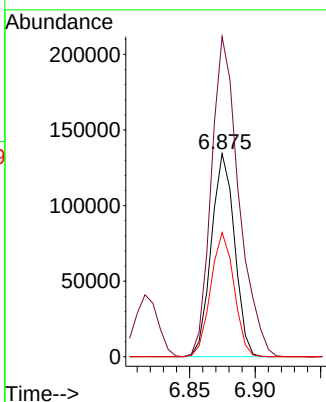
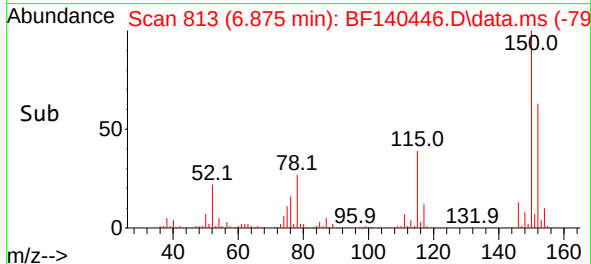
Tgt Ion:152 Resp: 165160
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 61.1 47.4 71.2

Manual Integrations

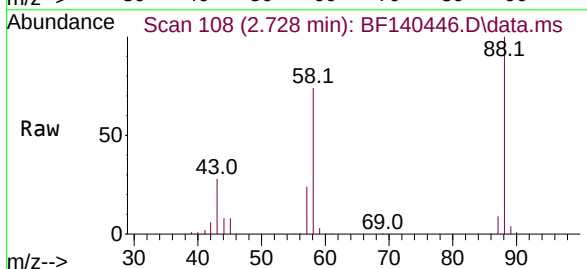
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

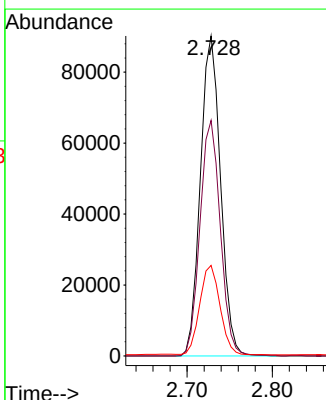
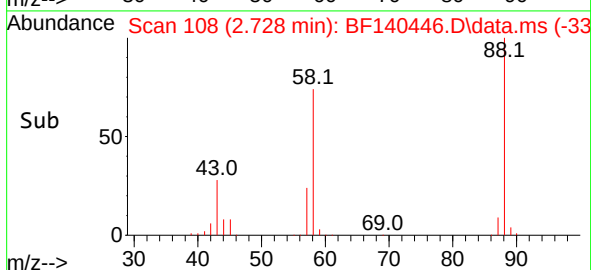
Supervised By :mohammad ahmed 11/19/2024

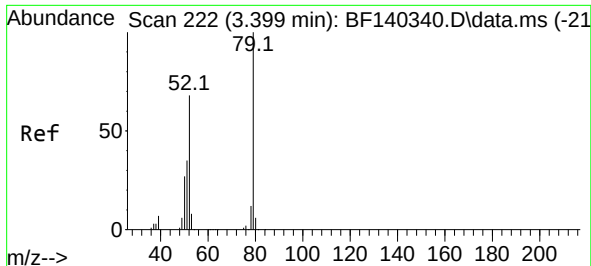


#2
1,4-Dioxane
Concen: 34.422 ng
RT: 2.728 min Scan# 108
Delta R.T. 0.094 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32



Tgt Ion: 88 Resp: 148406
Ion Ratio Lower Upper
88 100
58 74.4 59.5 89.3
43 28.0 23.4 35.2





#3

Pyridine

Concen: 35.236 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

Tgt Ion: 79 Resp: 37347

Ion Ratio Lower Upper

79 100

52 67.0 53.8 80.6

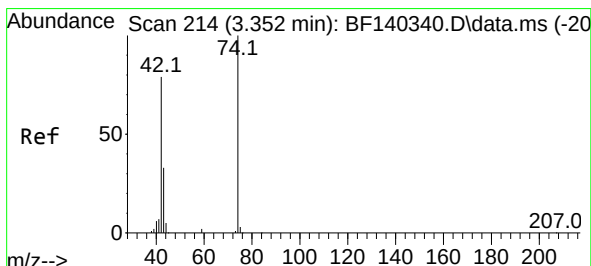
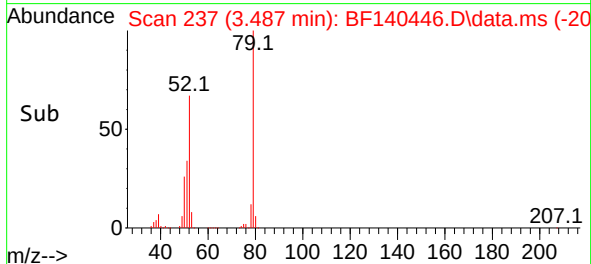
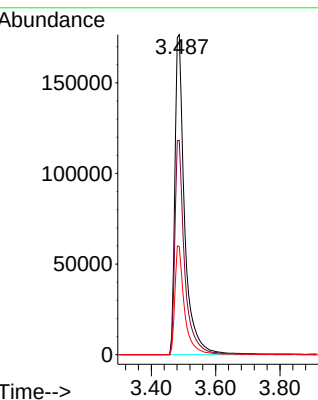
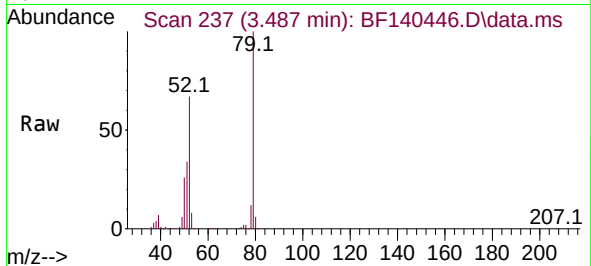
51 33.9 27.3 40.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 40.480 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.088 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

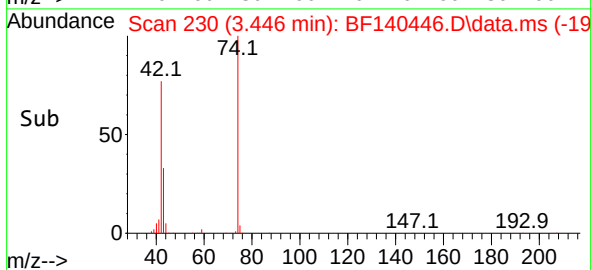
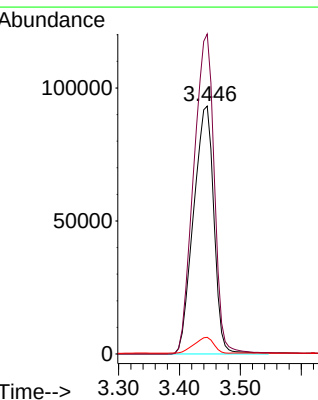
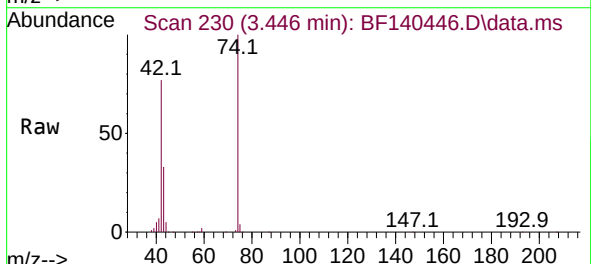
Tgt Ion: 42 Resp: 216844

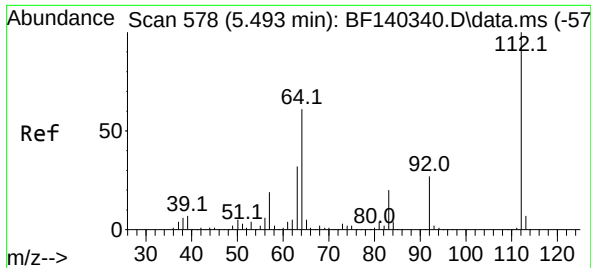
Ion Ratio Lower Upper

42 100

74 129.1 103.5 155.3

44 6.7 5.1 7.7





#5
2-Fluorophenol
Concen: 118.836 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

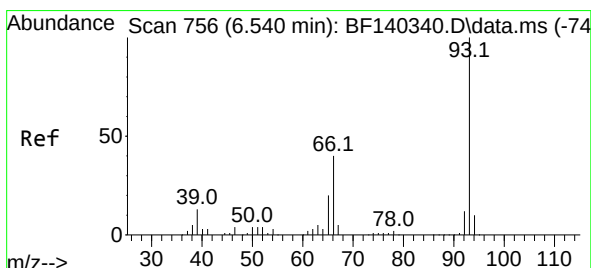
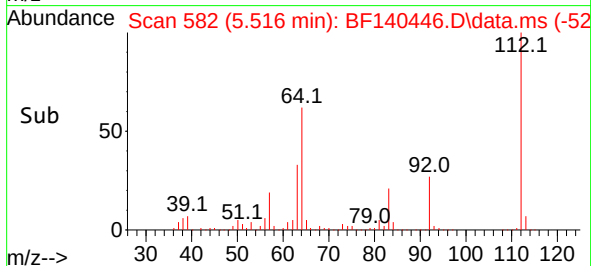
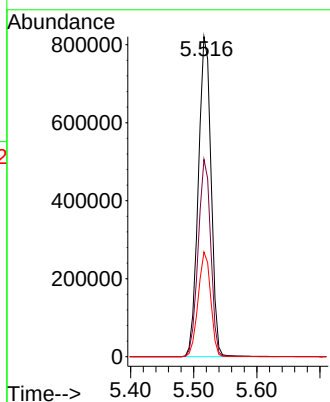
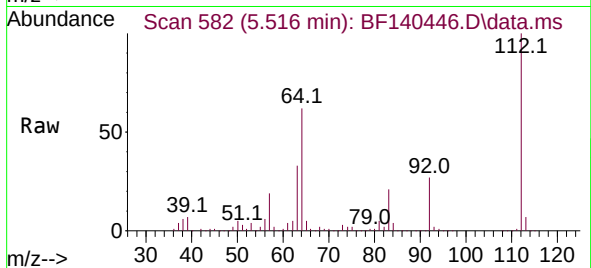
PB164846BS

Tgt Ion:112 Resp: 1149536
Ion Ratio Lower Upper
112 100
64 61.7 49.2 73.8
63 32.7 25.6 38.4

Manual Integrations

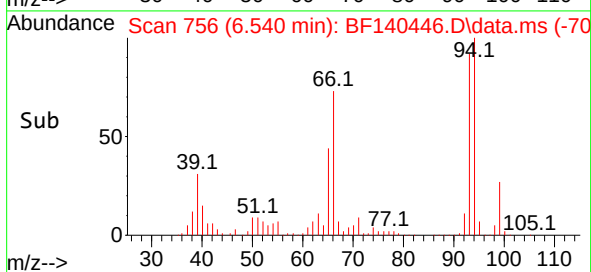
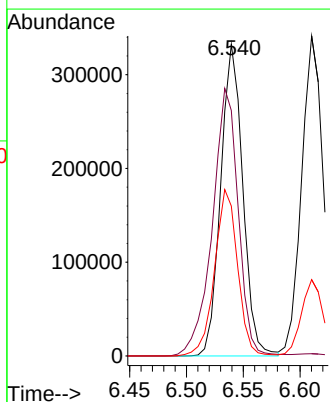
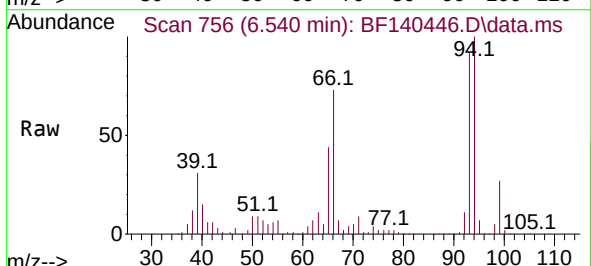
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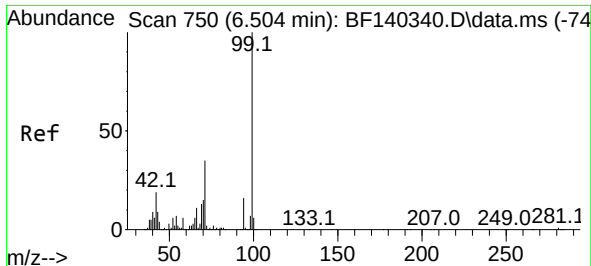
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#6
Aniline
Concen: 39.440 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

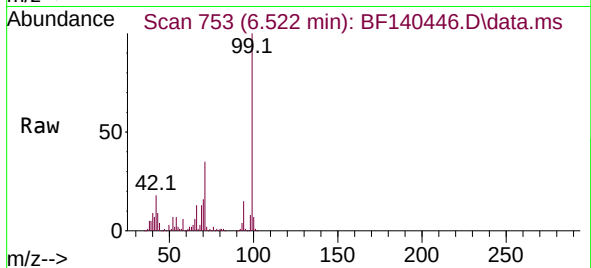
Tgt Ion: 93 Resp: 449644
Ion Ratio Lower Upper
93 100
66 78.7 32.8 49.2#
65 48.1 16.6 25.0#





#7
Phenol-d6
Concen: 115.627 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.018 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

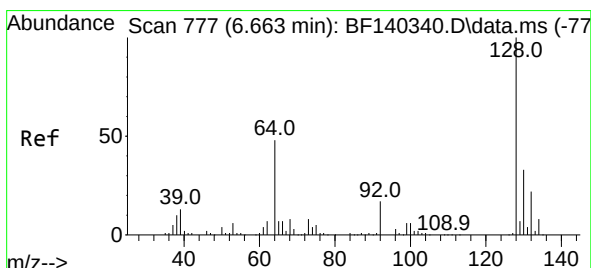
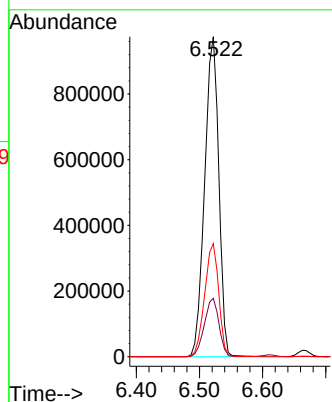
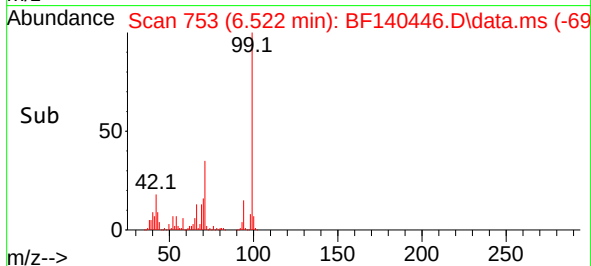
Instrument :
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Tgt Ion: 99 Resp: 151538
Ion Ratio Lower Upper
99 100
42 18.3 15.1 22.7
71 35.4 27.9 41.9

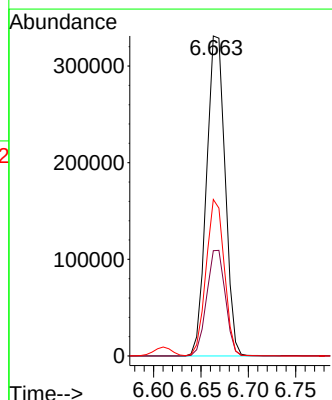
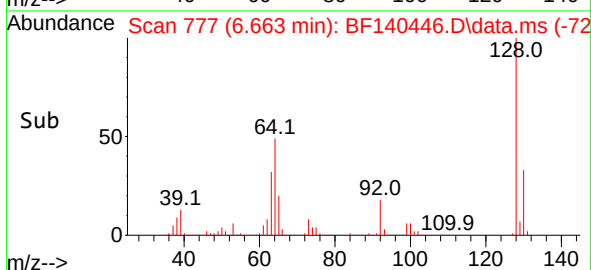
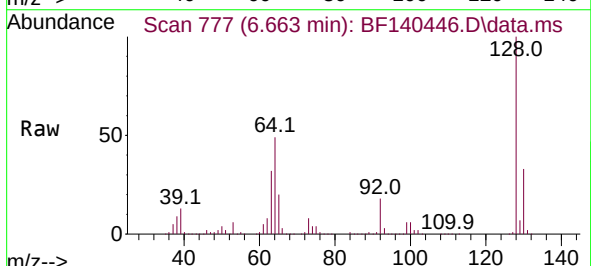
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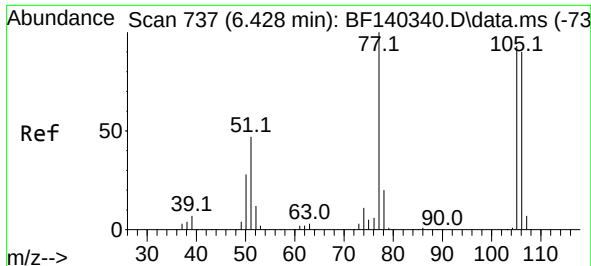
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#8
2-Chlorophenol
Concen: 43.385 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:128 Resp: 450805
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 48.9 30.2 70.2





#9

Benzaldehyde

Concen: 2.343 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

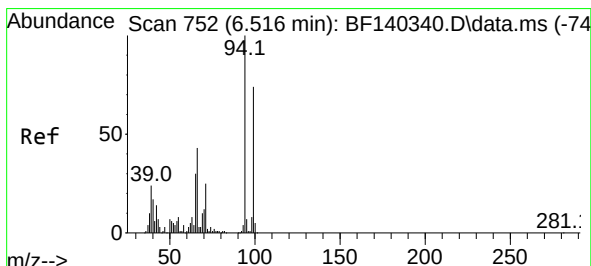
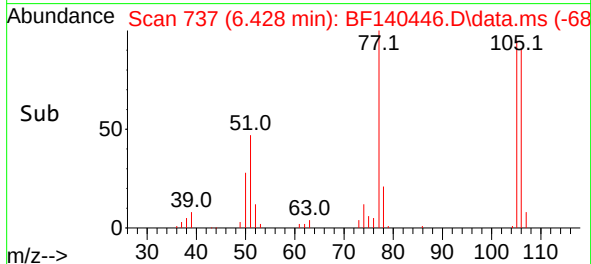
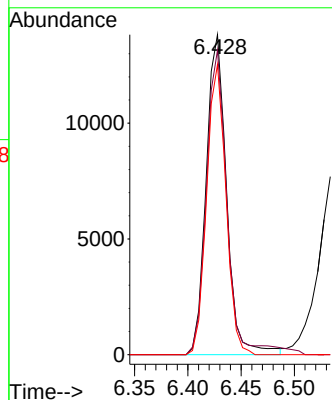
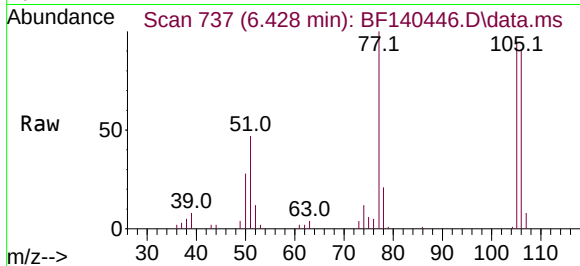
Tgt Ion:	77	Resp:	1840
Ion	Ratio	Lower	Upper
77	100		
105	95.2	74.4	114.4
106	90.6	69.9	109.9

Manual Integrations

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#10

Phenol

Concen: 39.954 ng

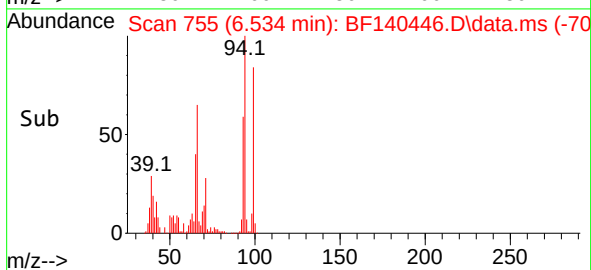
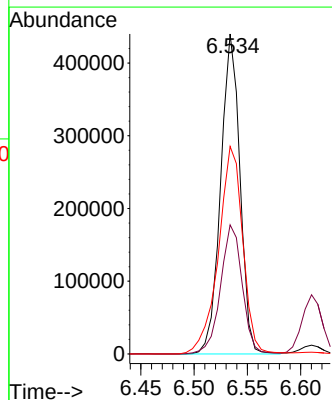
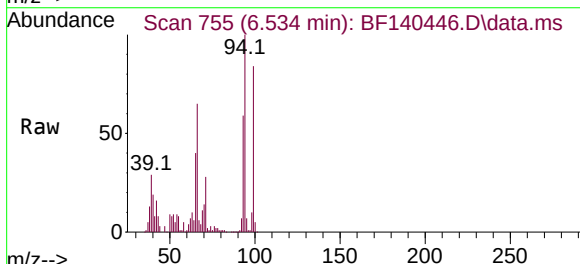
RT: 6.534 min Scan# 755

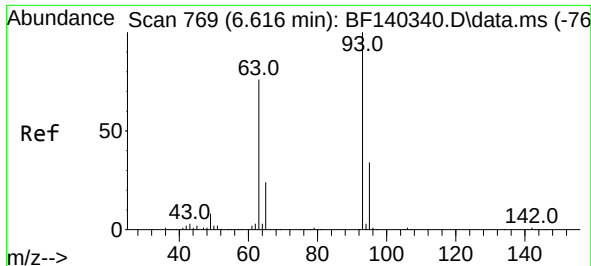
Delta R.T. 0.012 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Tgt Ion:	94	Resp:	552204
Ion	Ratio	Lower	Upper
94	100		
65	40.4	10.4	50.4
66	64.9	22.9	62.9





#11
bis(2-Chloroethyl)ether
Concen: 42.577 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

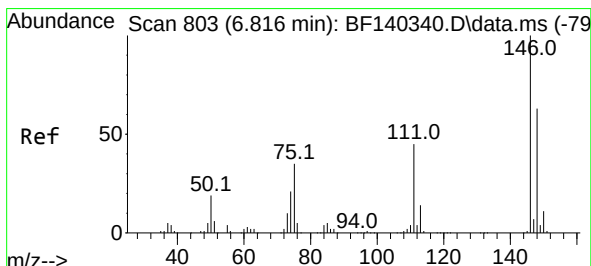
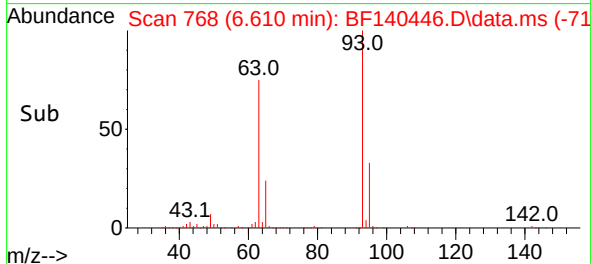
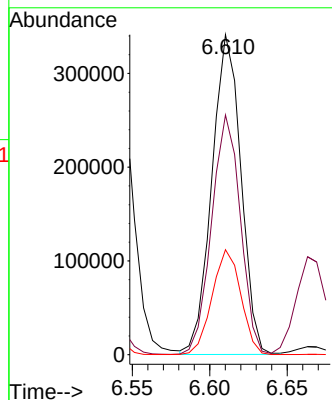
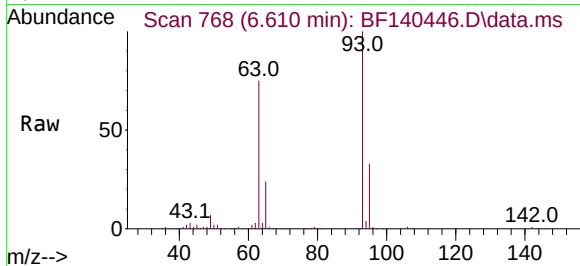
ClientSampleId :

PB164846BS

Tgt Ion: 93 Resp: 445879
Ion Ratio Lower Upper
93 100
63 74.9 54.0 94.0
95 32.8 12.9 52.9

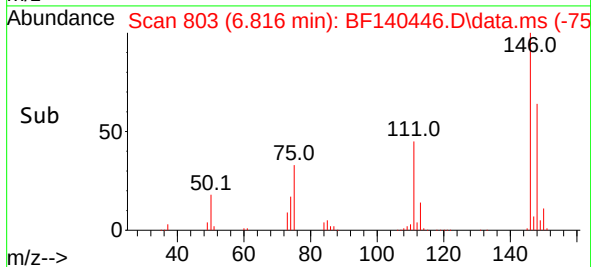
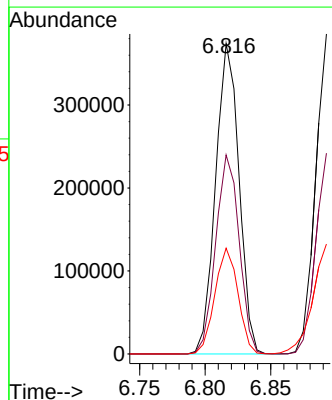
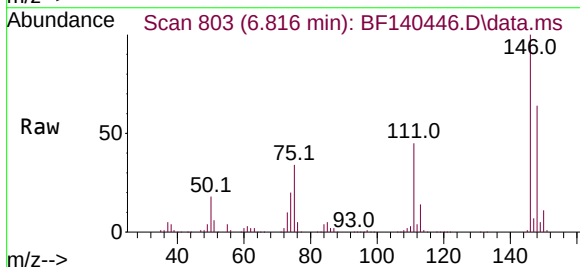
Manual Integrations
APPROVED

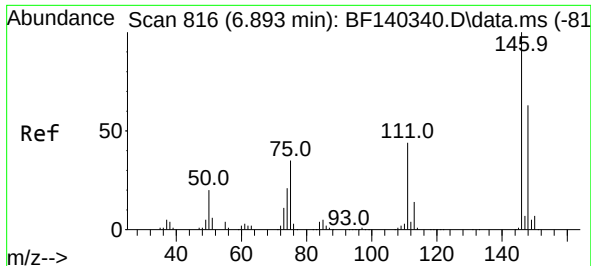
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#12
1,3-Dichlorobenzene
Concen: 40.469 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:146 Resp: 463969
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
75 34.1 26.4 39.6





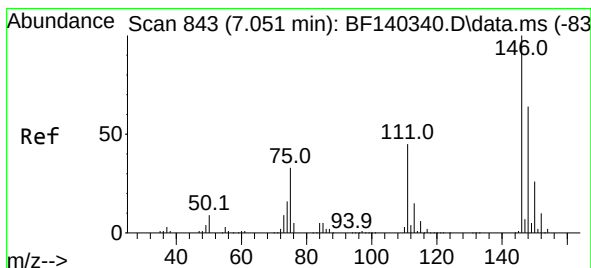
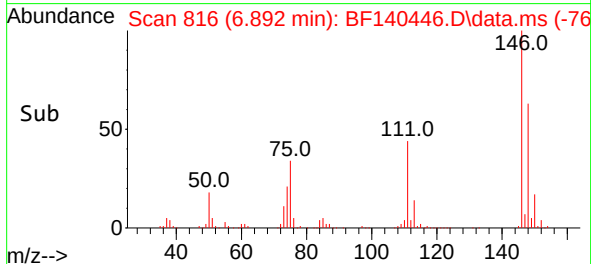
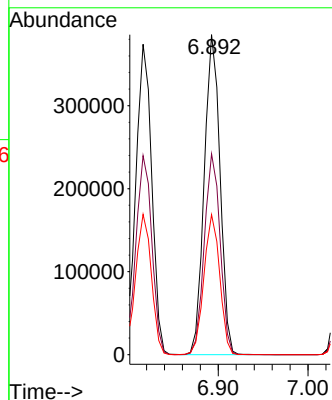
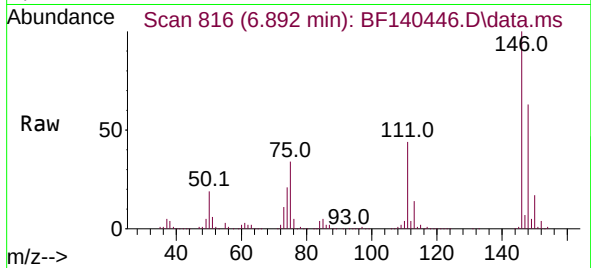
#13
1,4-Dichlorobenzene
Concen: 40.627 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB164846BS

Tgt Ion:146 Resp: 472280
Ion Ratio Lower Upper
146 100
148 62.7 50.8 76.2
111 43.7 34.2 51.2

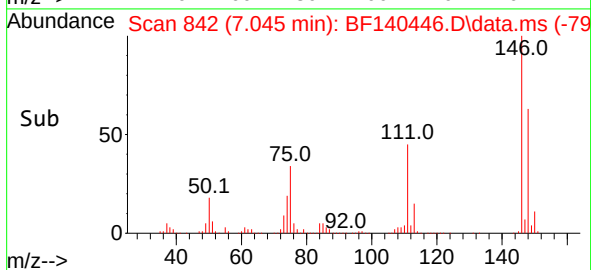
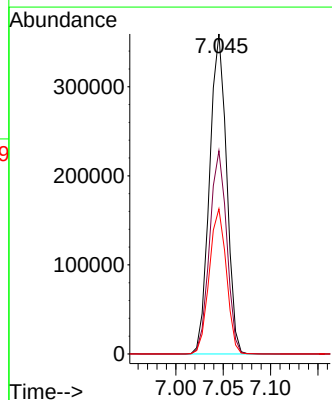
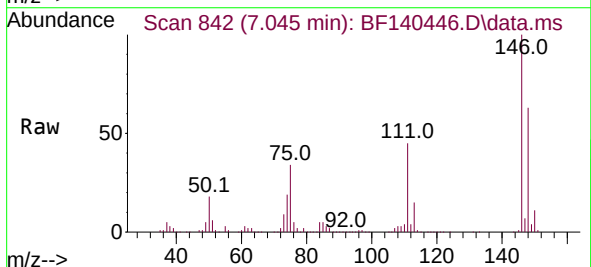
Manual Integrations
APPROVED

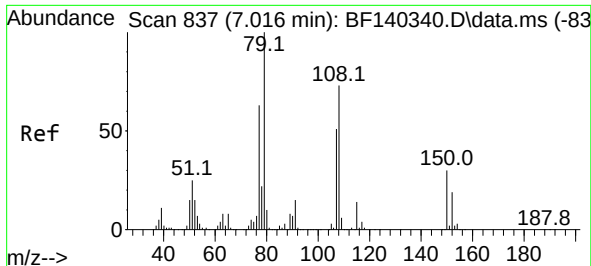
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#14
1,2-Dichlorobenzene
Concen: 41.552 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

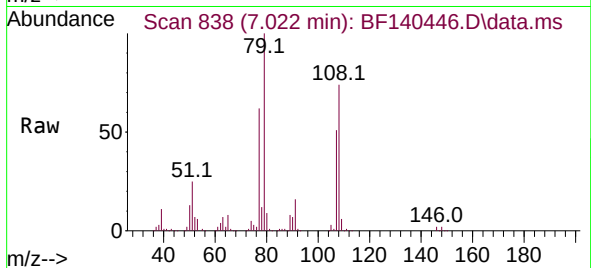
Tgt Ion:146 Resp: 448434
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 45.4 36.5 54.7





#15
Benzyl Alcohol
Concen: 44.083 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

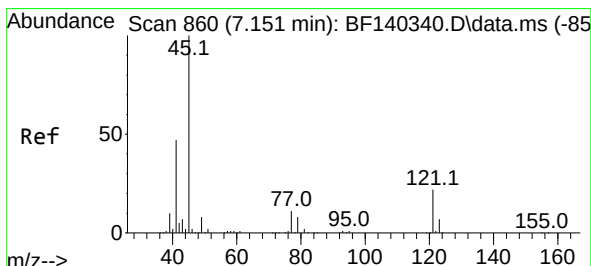
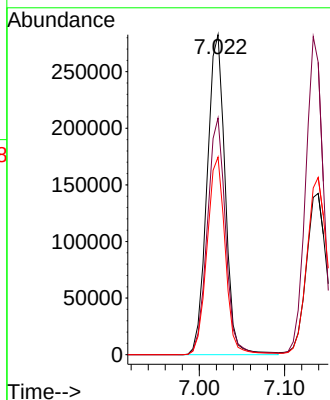
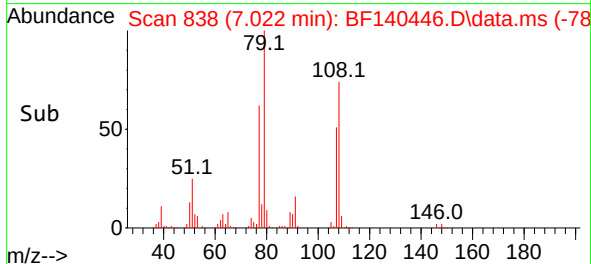
Instrument :
BNA_F
ClientSampleId :
PB164846BS



Tgt Ion: 79 Resp: 416244
Ion Ratio Lower Upper
79 100
108 73.9 57.8 86.6
77 61.7 49.8 74.6

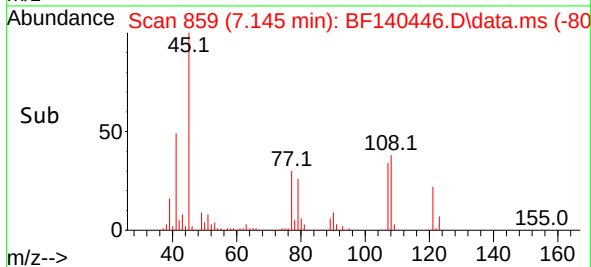
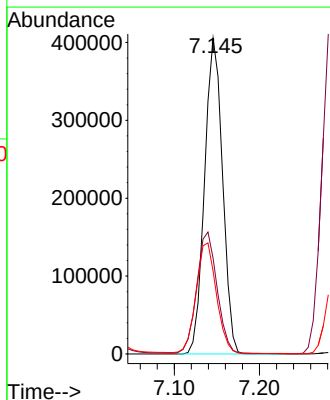
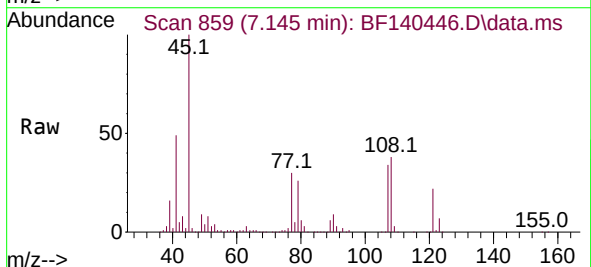
Manual Integrations
APPROVED

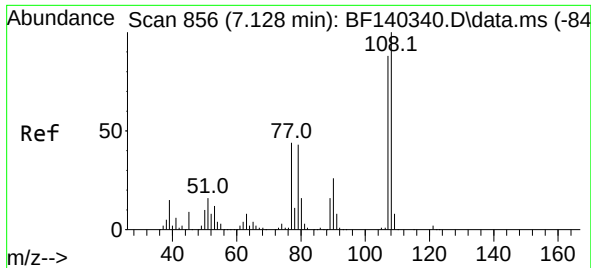
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.998 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion: 45 Resp: 593039
Ion Ratio Lower Upper
45 100
77 30.3 0.0 34.8
79 26.2 0.0 31.4





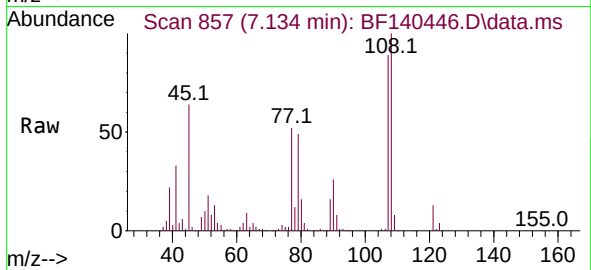
#17
2-Methylphenol
Concen: 41.787 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

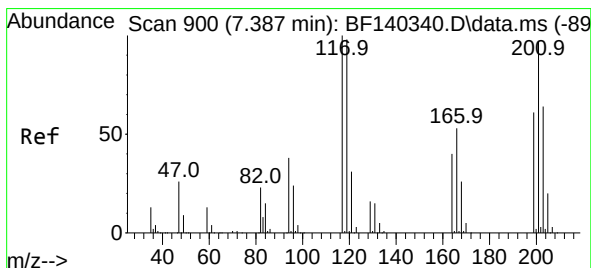
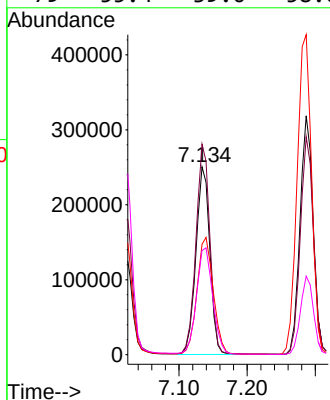
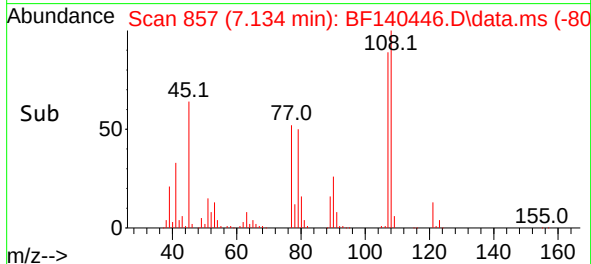


Tgt Ion:107 Resp: 357192
Ion Ratio Lower Upper
107 100
108 112.1 91.9 137.9
77 58.8 39.7 59.5
79 55.4 39.0 58.6

Manual Integrations

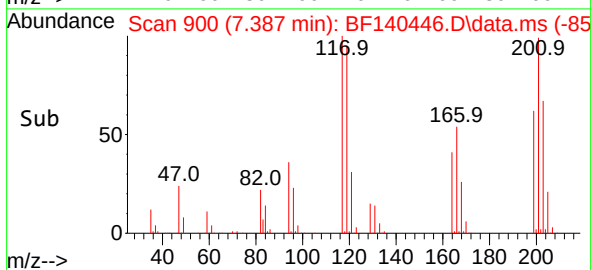
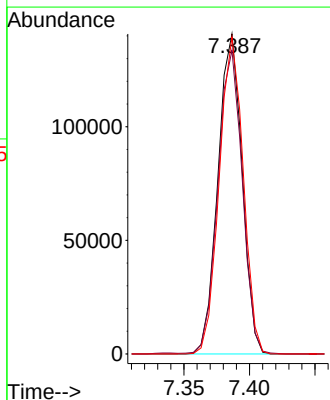
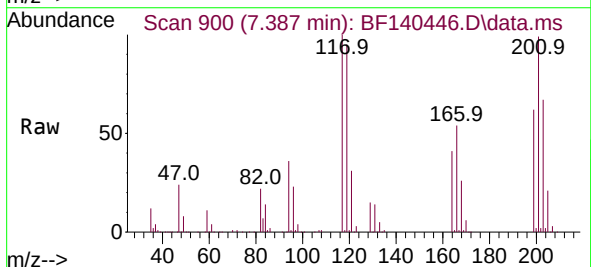
APPROVED

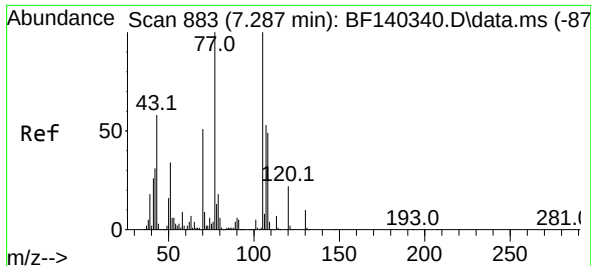
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#18
Hexachloroethane
Concen: 41.928 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:117 Resp: 180191
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3
201 99.0 80.2 120.4





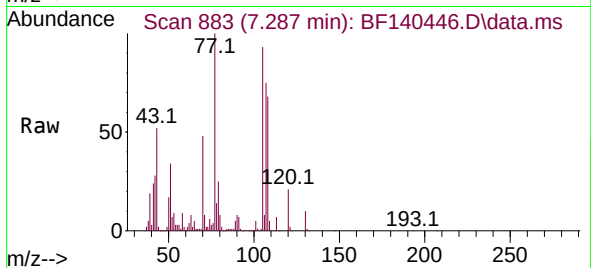
#19
n-Nitroso-di-n-propylamine
Concen: 40.408 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS



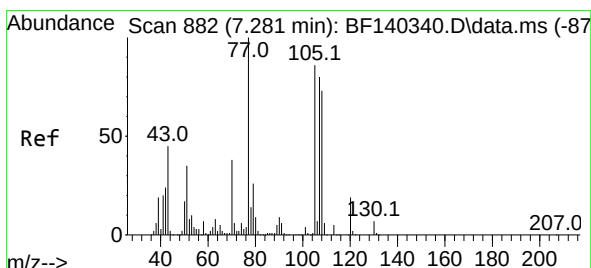
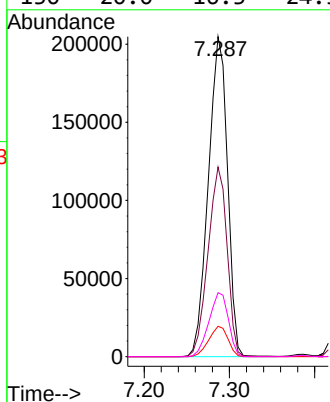
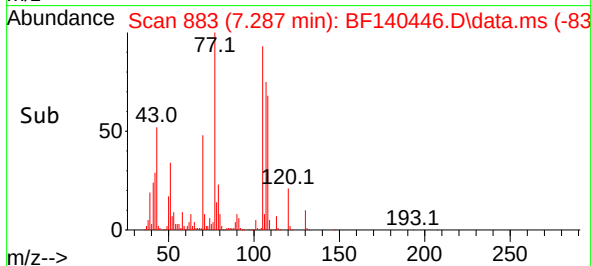
Tgt Ion: 70 Resp: 31984
Ion Ratio Lower Upper
70 100
42 59.3 46.8 70.2
101 9.5 7.5 11.3
130 20.0 16.3 24.5

Manual Integrations

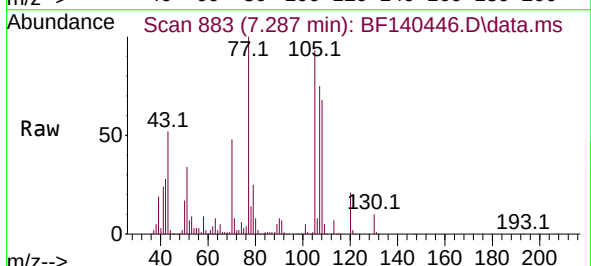
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

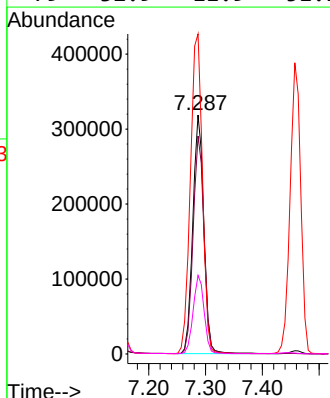
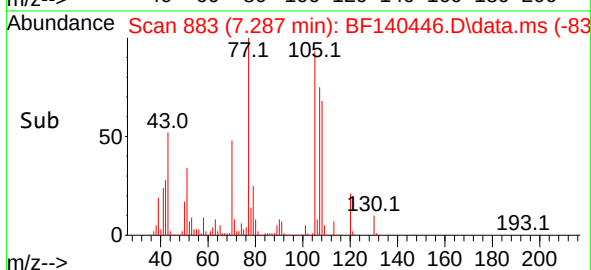
Supervised By :mohammad ahmed 11/19/2024

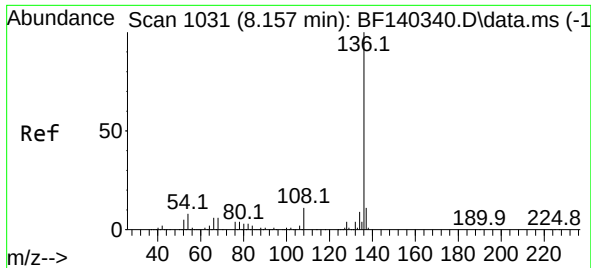


#20
3+4-Methylphenols
Concen: 40.318 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32



Tgt Ion:107 Resp: 430999
Ion Ratio Lower Upper
107 100
108 91.2 71.4 111.4
77 134.0 97.0 137.0
79 32.9 11.9 51.9





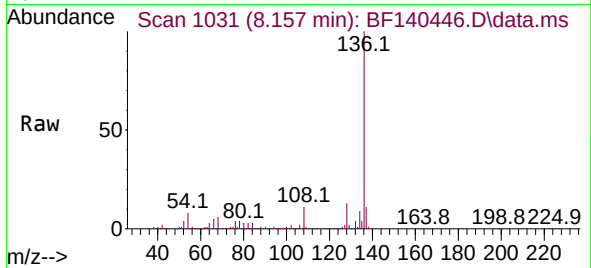
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS



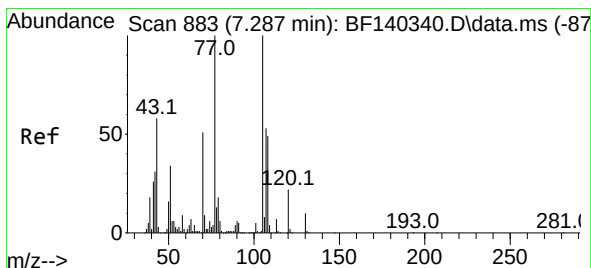
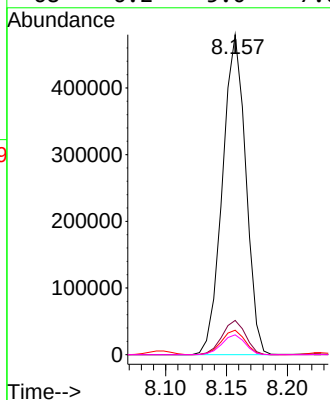
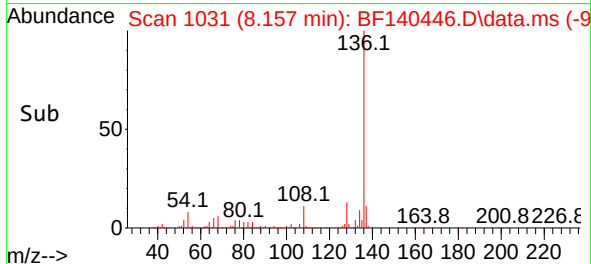
Tgt Ion:136 Resp: 63878
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.7 6.5 9.7
68 6.2 5.0 7.6

Manual Integrations

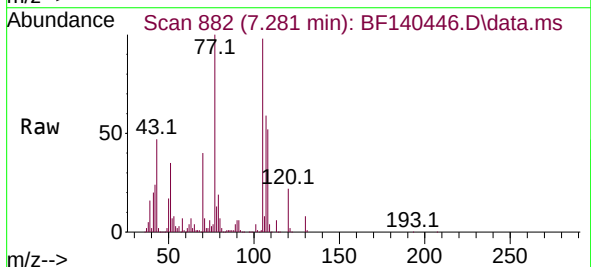
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

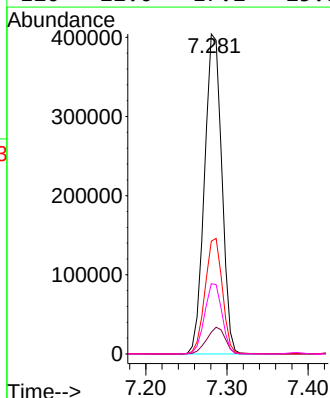
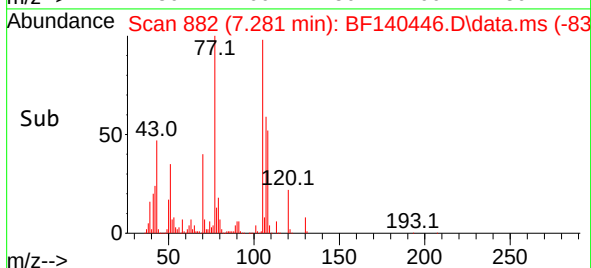
Supervised By :mohammad ahmed 11/19/2024

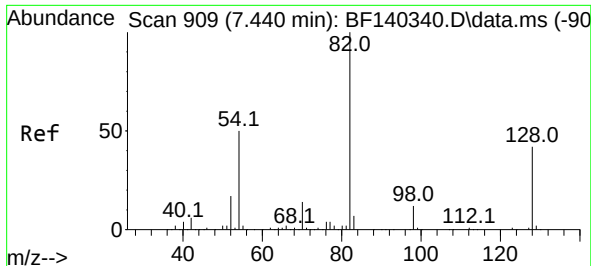


#22
Acetophenone
Concen: 40.277 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32



Tgt Ion:105 Resp: 598383
Ion Ratio Lower Upper
105 100
71 6.8 6.9 10.3#
51 35.3 28.6 43.0
120 22.0 17.2 25.8





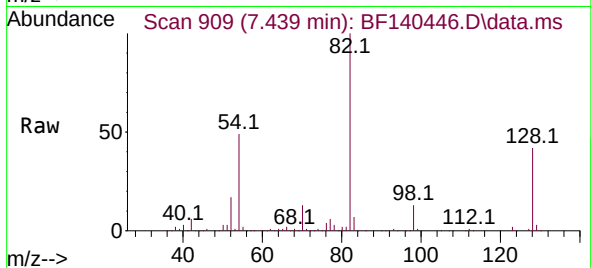
#23
Nitrobenzene-d5
Concen: 81.801 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

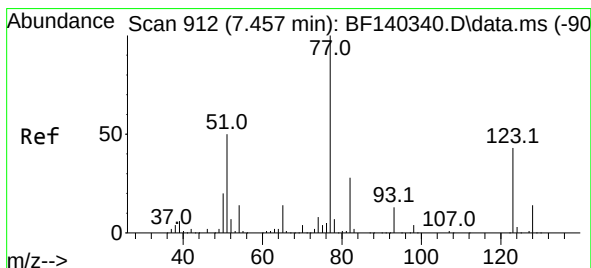
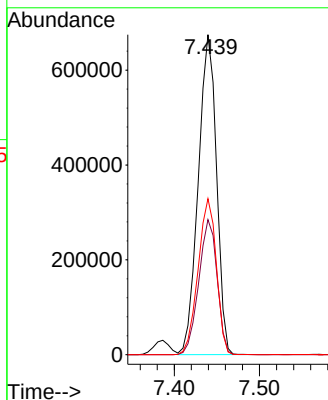
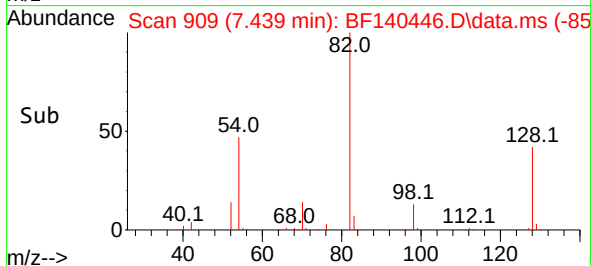


Tgt Ion: 82 Resp: 1002890
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 48.7 39.8 59.8

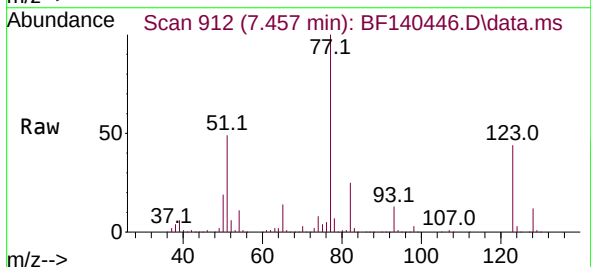
Manual Integrations

APPROVED

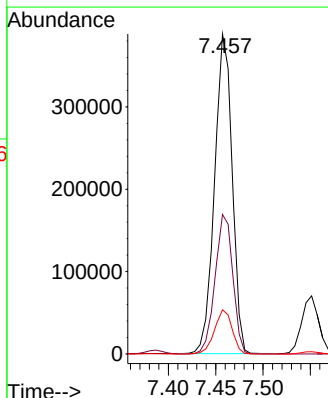
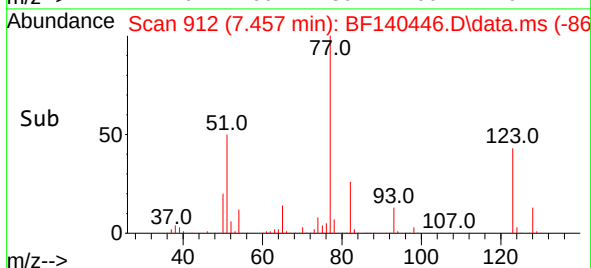
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

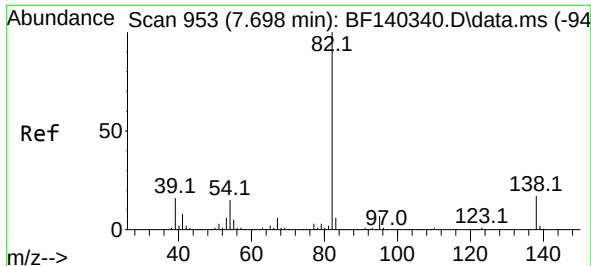


#24
Nitrobenzene
Concen: 39.335 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32



Tgt Ion: 77 Resp: 502108
Ion Ratio Lower Upper
77 100
123 43.6 35.4 53.0
65 13.8 11.1 16.7





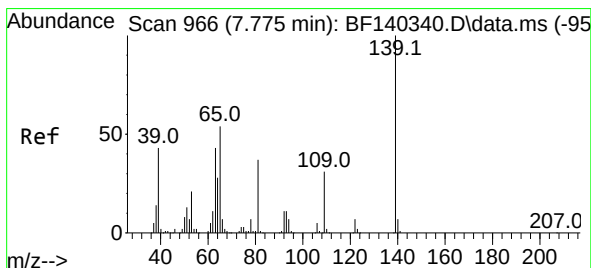
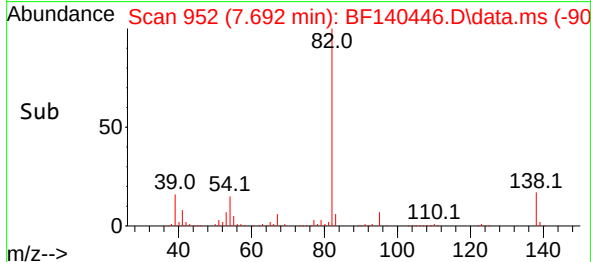
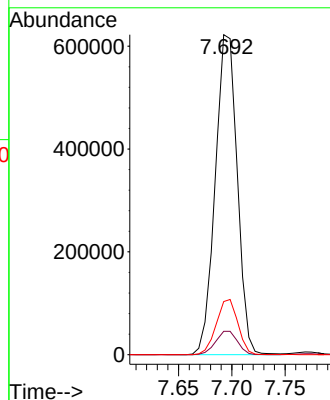
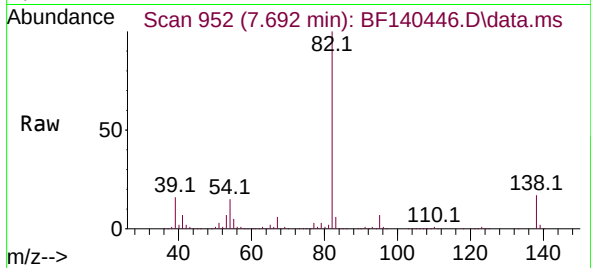
#25
Isophorone
Concen: 41.077 ng
RT: 7.692 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB164846BS

Tgt Ion: 82 Resp: 89254
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.6 13.4 20.2

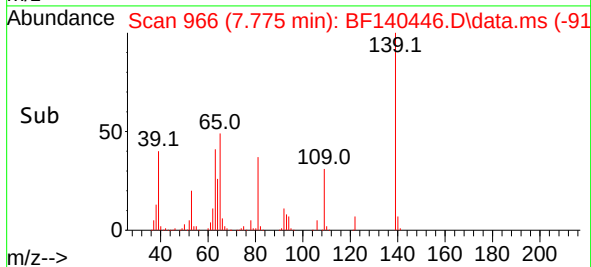
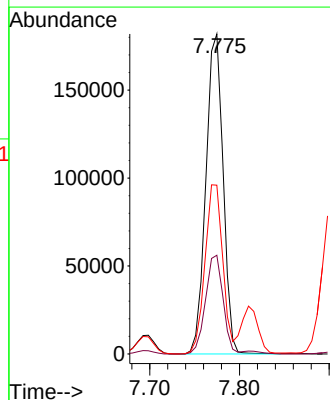
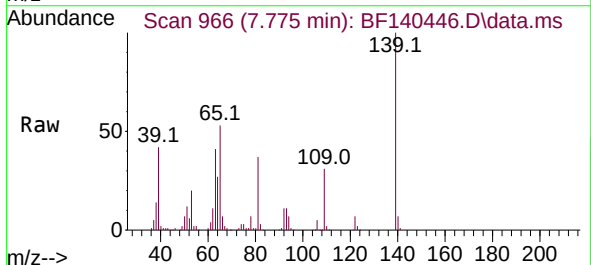
Manual Integrations
APPROVED

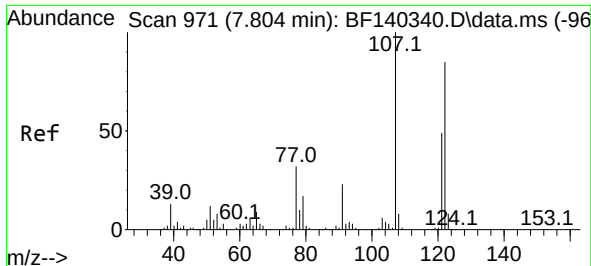
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#26
2-Nitrophenol
Concen: 42.867 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:139 Resp: 242821
Ion Ratio Lower Upper
139 100
109 30.9 24.4 36.6
65 52.7 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 50.326 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

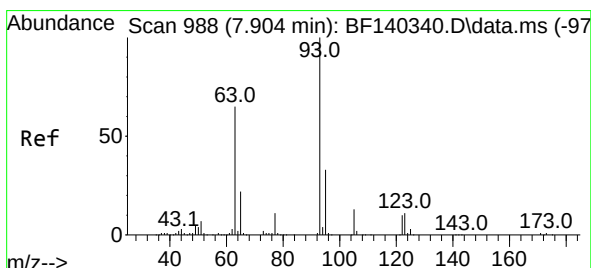
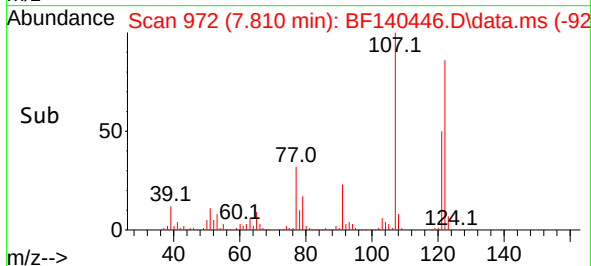
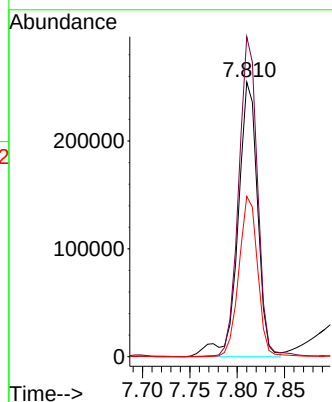
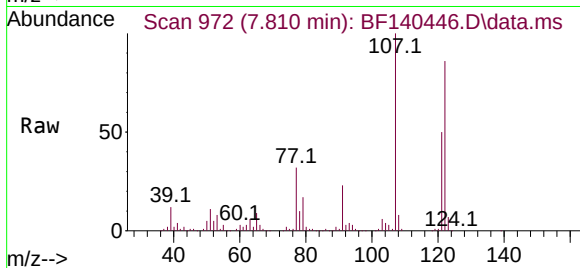
PB164846BS

Tgt Ion:122 Resp: 364964
Ion Ratio Lower Upper
122 100
107 116.6 91.3 136.9
121 58.4 45.5 68.3

Manual Integrations

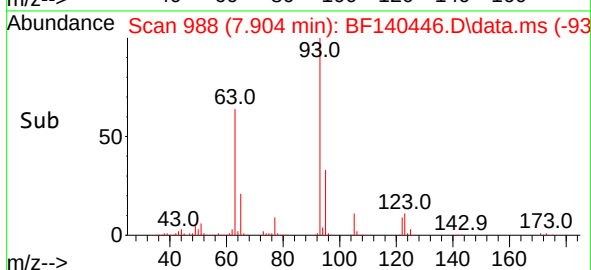
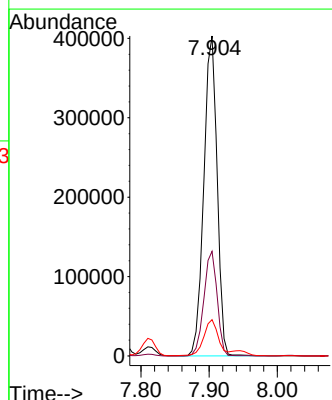
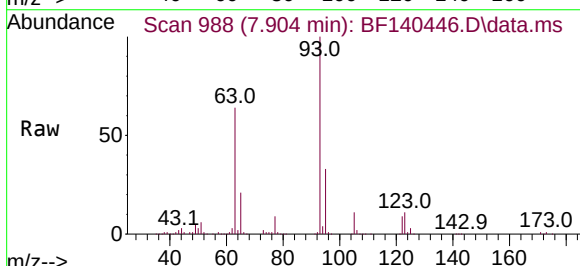
APPROVED

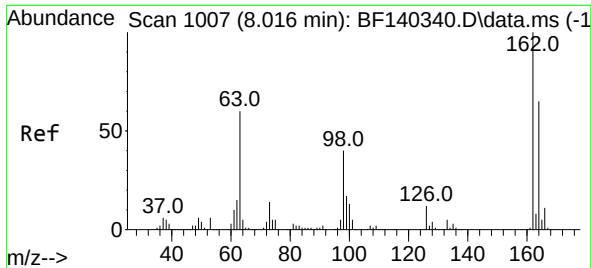
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.048 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion: 93 Resp: 546901
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.162 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

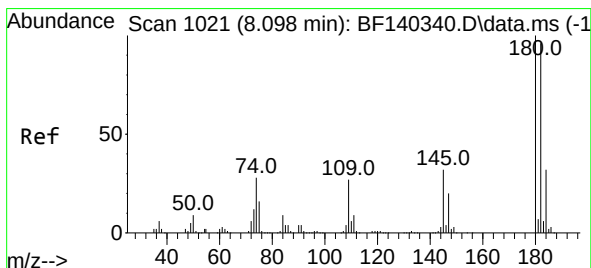
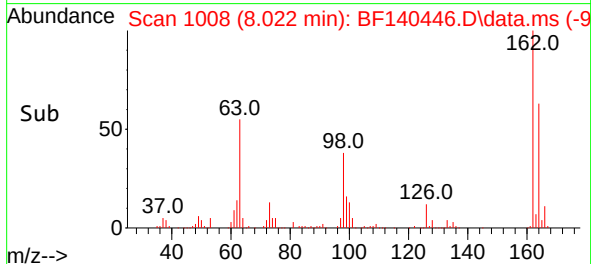
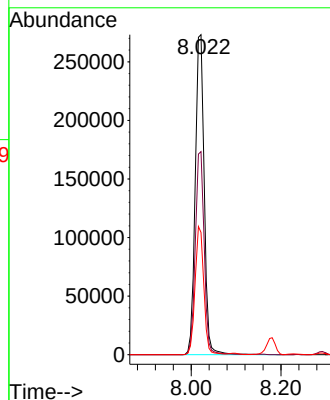
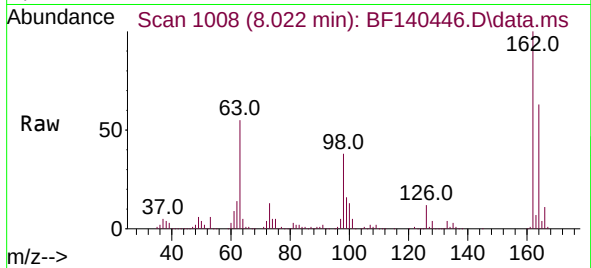
Tgt Ion:162 Resp: 377878
 Ion Ratio Lower Upper
 162 100
 164 63.4 45.4 85.4
 98 38.2 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.677 ng

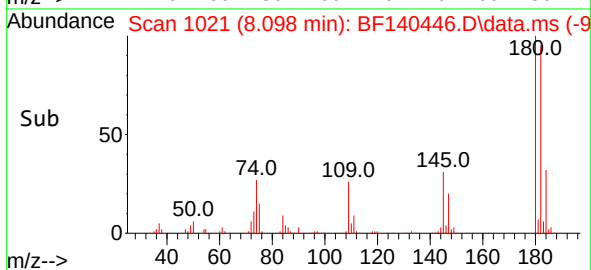
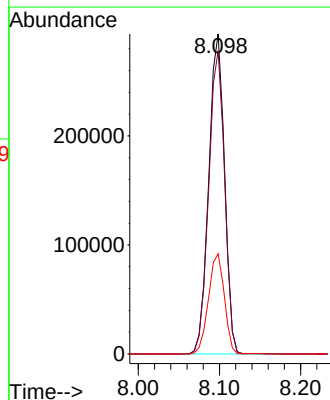
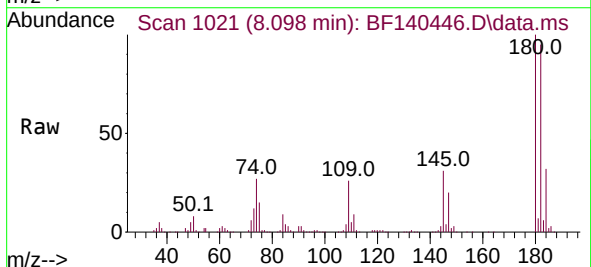
RT: 8.098 min Scan# 1021

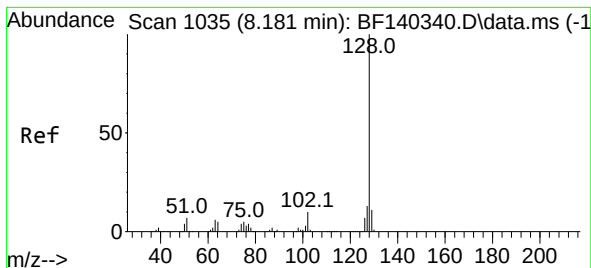
Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Tgt Ion:180 Resp: 395907
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.5 114.7
 145 31.3 25.3 37.9





#31
Naphthalene
Concen: 40.462 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

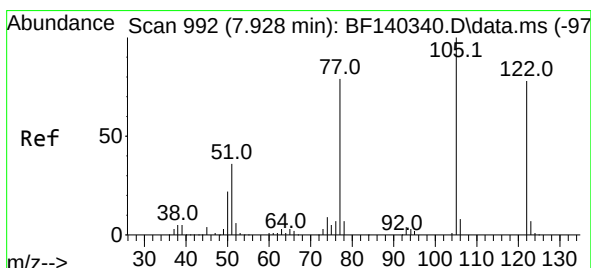
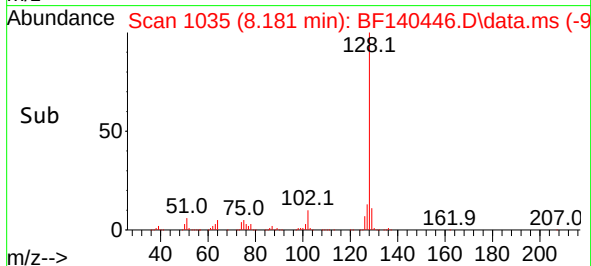
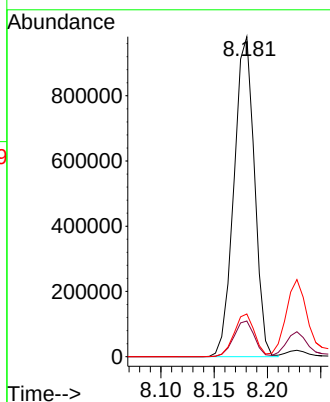
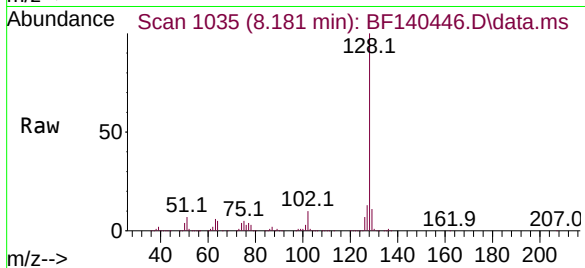
PB164846BS

Tgt Ion:128 Resp: 131114
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8

Manual Integrations

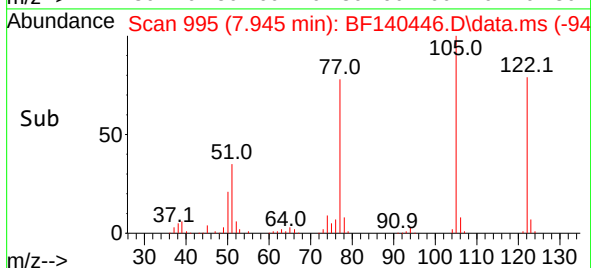
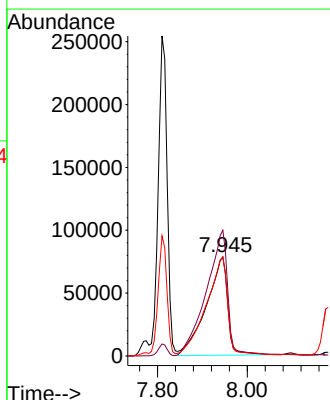
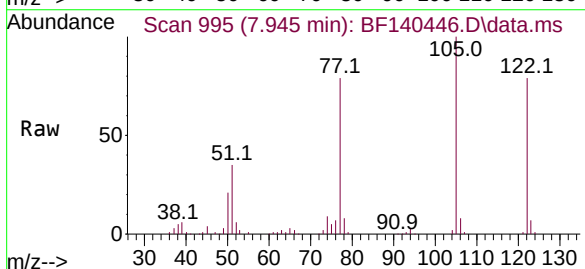
APPROVED

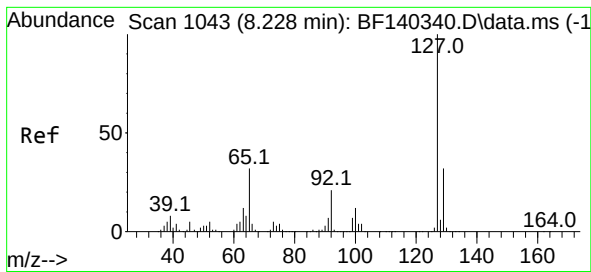
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#32
Benzoic acid
Concen: 40.636 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.018 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:122 Resp: 259311
Ion Ratio Lower Upper
122 100
105 126.8 100.9 140.9
77 99.9 76.0 116.0





#33
4-Chloroaniline
Concen: 32.423 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

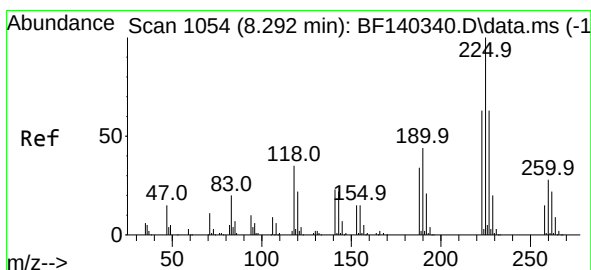
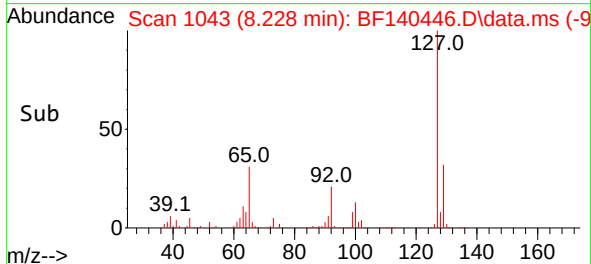
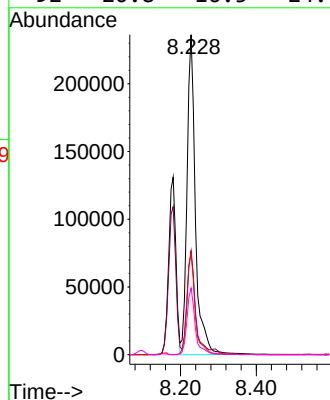
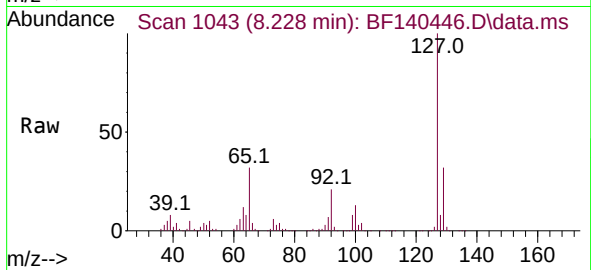
ClientSampleId :

PB164846BS

Tgt Ion:127 Resp: 36538
Ion Ratio Lower Upper
127 100
129 32.4 26.2 39.4
65 31.9 25.8 38.6
92 20.8 16.5 24.7

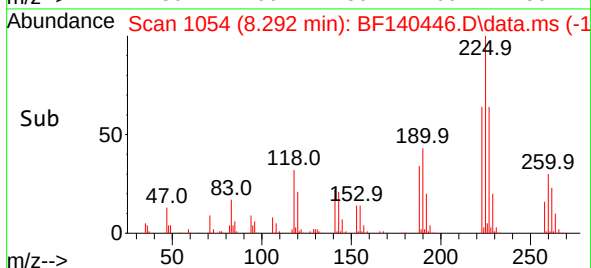
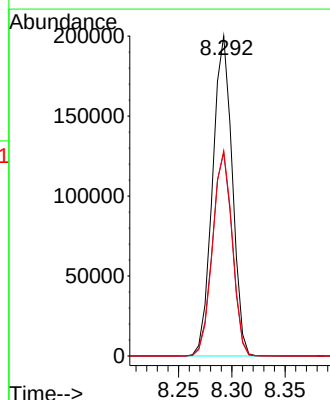
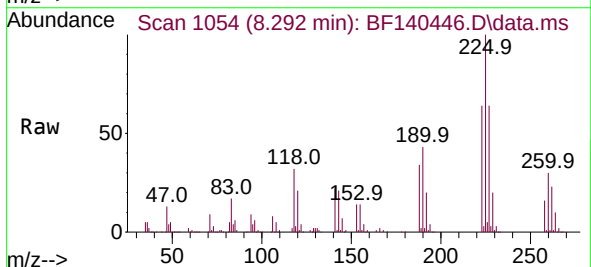
Manual Integrations
APPROVED

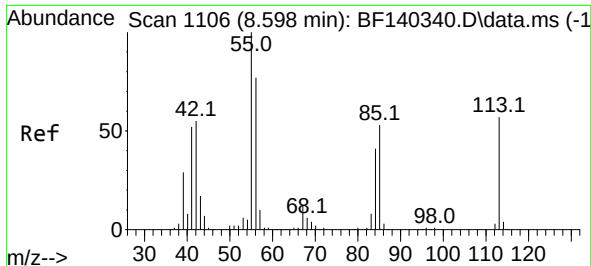
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#34
Hexachlorobutadiene
Concen: 40.406 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

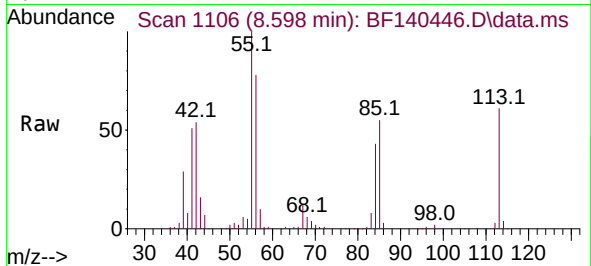
Tgt Ion:225 Resp: 256885
Ion Ratio Lower Upper
225 100
223 63.5 50.1 75.1
227 64.2 51.3 76.9





#35
 Caprolactam
 Concen: 41.629 ng m
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF140446.D
 Acq: 18 Nov 2024 11:32

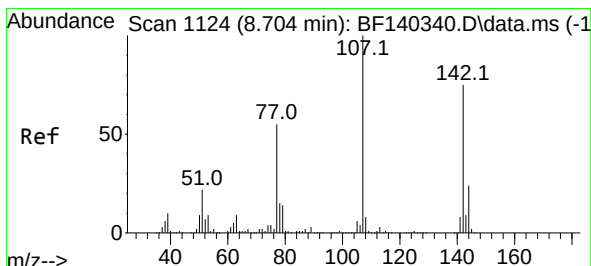
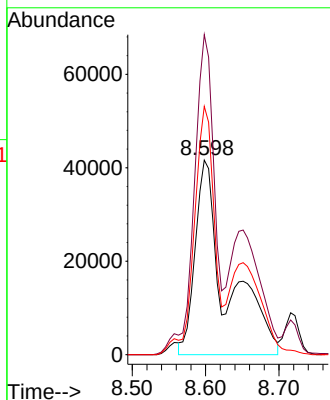
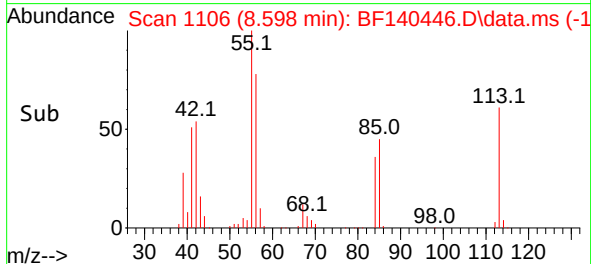
Instrument :
 BNA_F
 ClientSampleId :
 PB164846BS



Tgt Ion:113 Resp: 124000
 Ion Ratio Lower Upper
 113 100
 55 164.4 150.0 190.0
 56 127.6 111.1 151.1

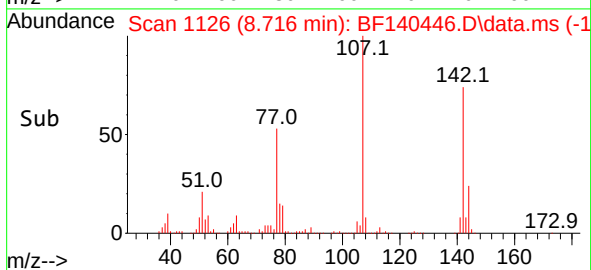
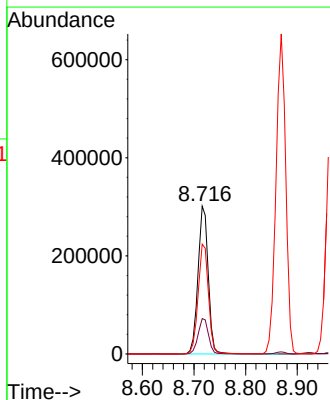
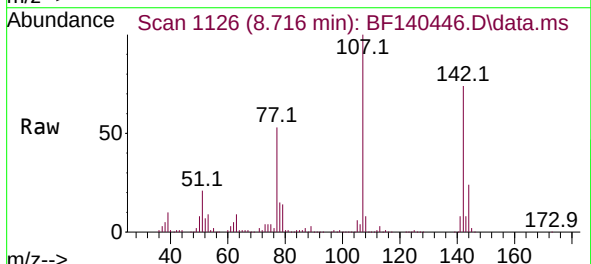
Manual Integrations
 APPROVED

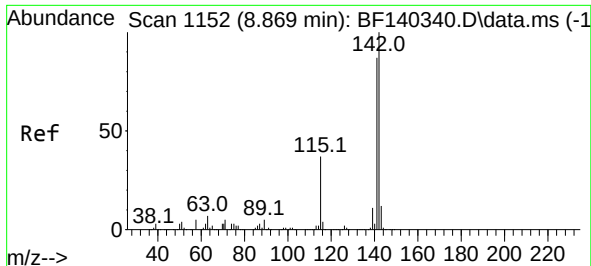
Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024



#36
 4-Chloro-3-methylphenol
 Concen: 41.810 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF140446.D
 Acq: 18 Nov 2024 11:32

Tgt Ion:107 Resp: 415262
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 74.3 59.4 89.0





#37

2-Methylnaphthalene

Concen: 41.080 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

Tgt Ion:142 Resp: 85357

Ion Ratio Lower Upper

142 100

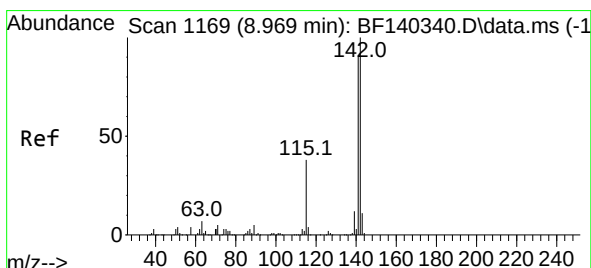
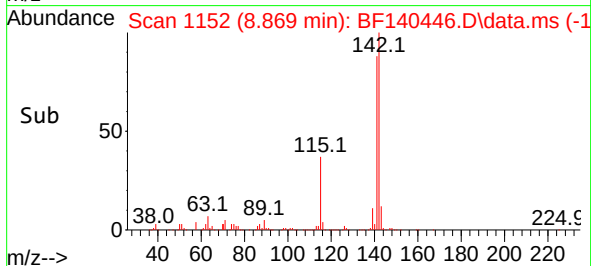
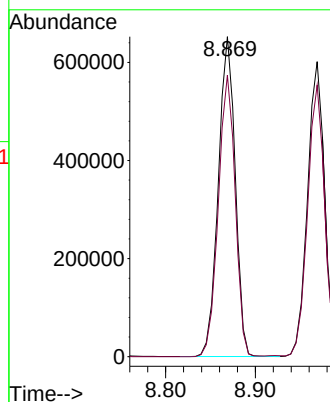
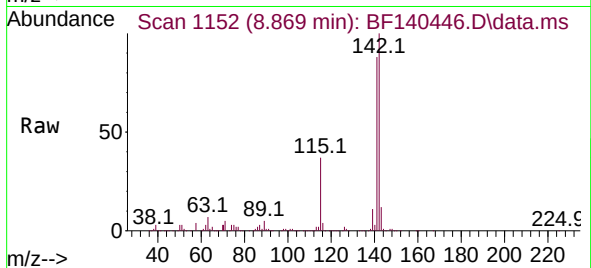
141 88.0 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#38

1-Methylnaphthalene

Concen: 38.772 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140446.D

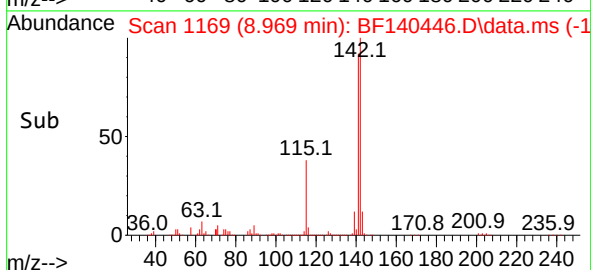
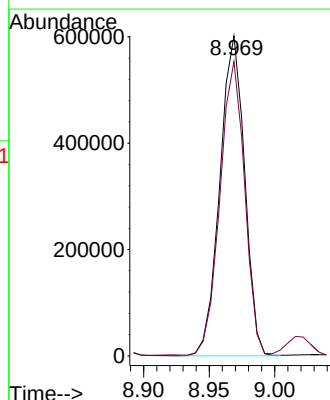
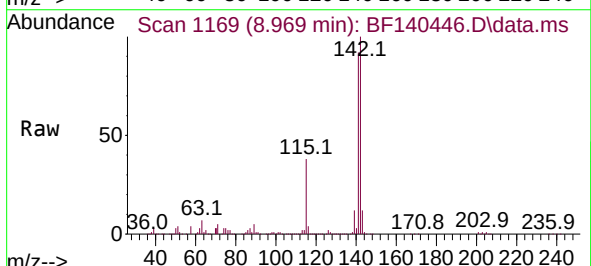
Acq: 18 Nov 2024 11:32

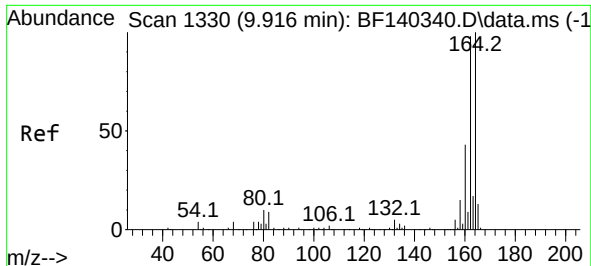
Tgt Ion:142 Resp: 788895

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4





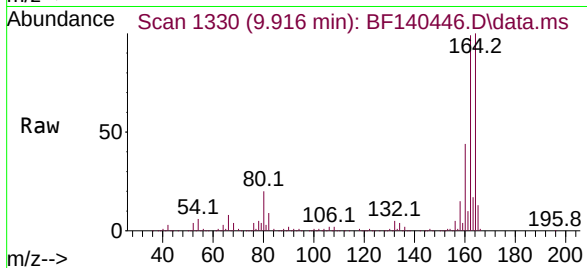
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS



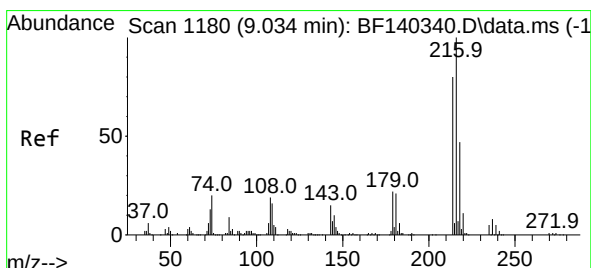
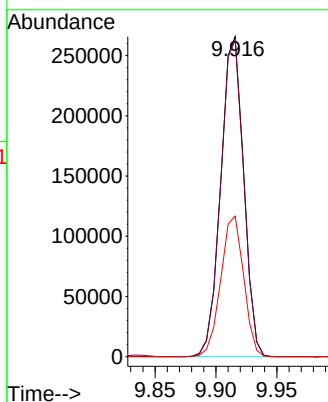
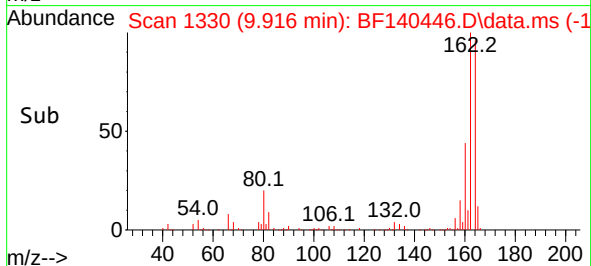
Tgt Ion:164 Resp: 347317
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 43.9 35.4 53.0

Manual Integrations

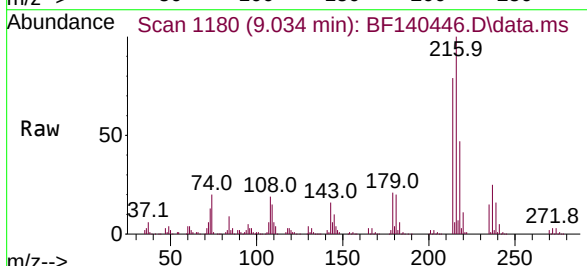
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

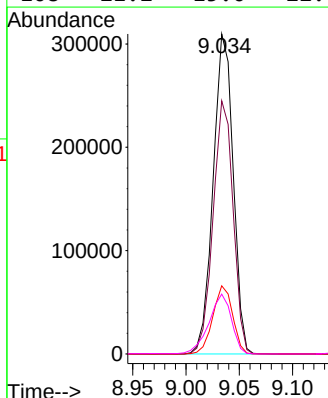
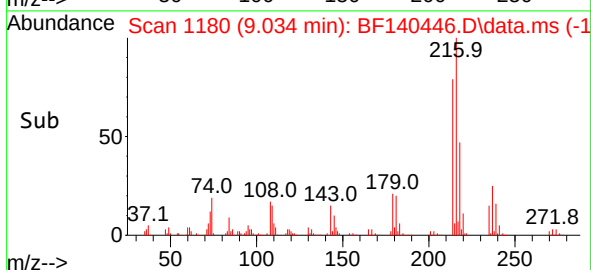
Supervised By :mohammad ahmed 11/19/2024

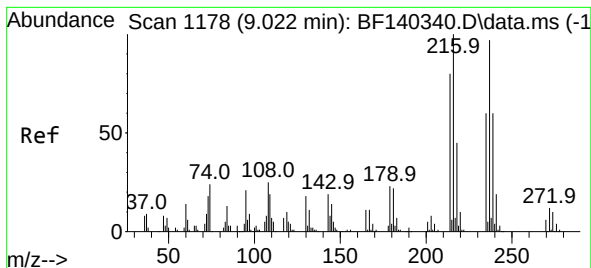


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.978 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32



Tgt Ion:216 Resp: 403173
Ion Ratio Lower Upper
216 100
214 79.1 63.2 94.8
179 21.1 17.2 25.8
108 21.2 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 166.853 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

Tgt Ion:237 Resp: 411458

Ion Ratio Lower Upper

237 100

235 62.7 42.8 82.8

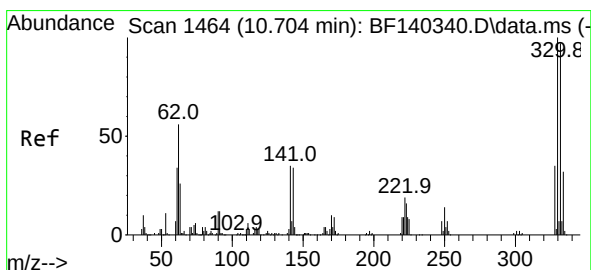
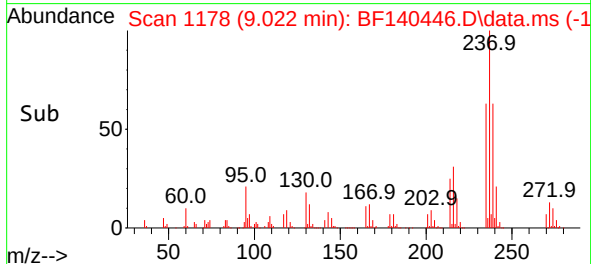
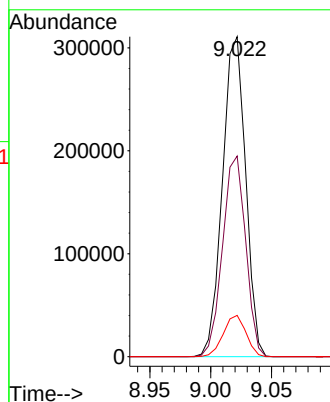
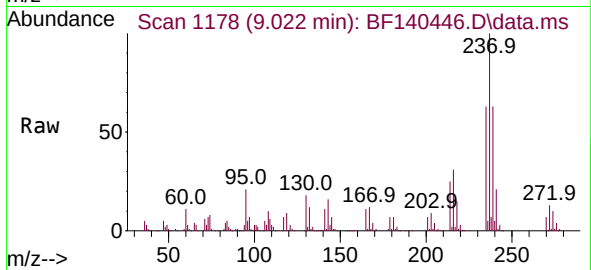
272 12.9 0.0 33.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#42

2,4,6-Tribromophenol

Concen: 129.047 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

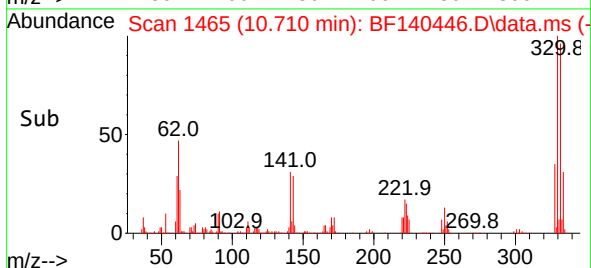
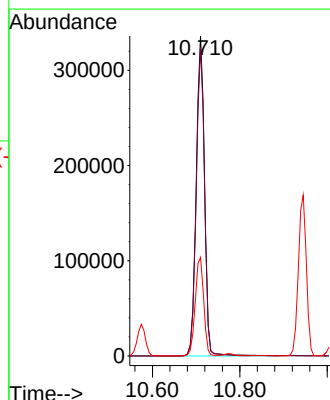
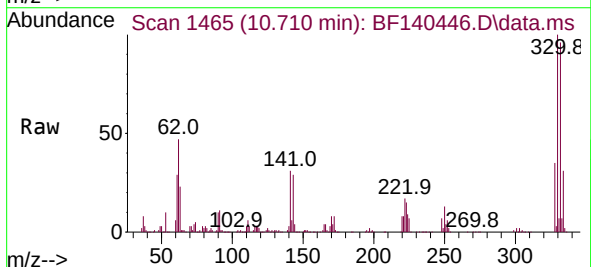
Tgt Ion:330 Resp: 445703

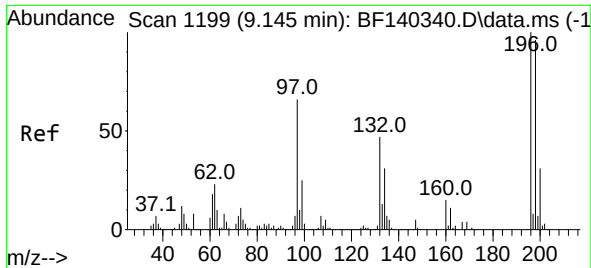
Ion Ratio Lower Upper

330 100

332 95.7 75.9 113.9

141 31.5 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 42.183 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

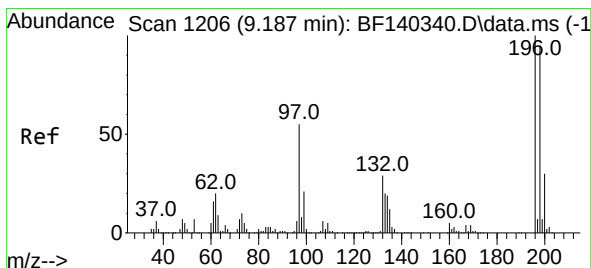
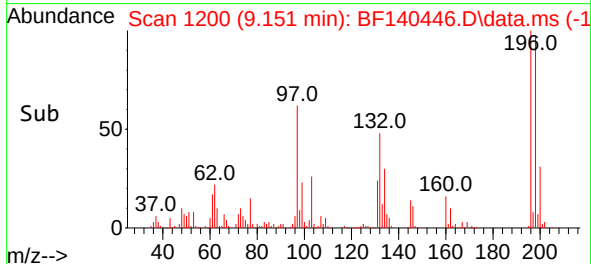
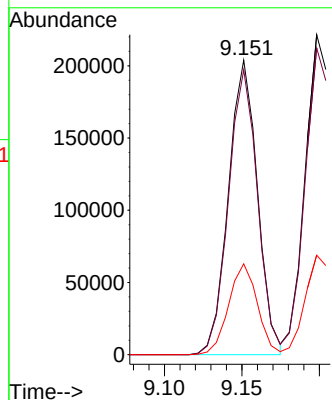
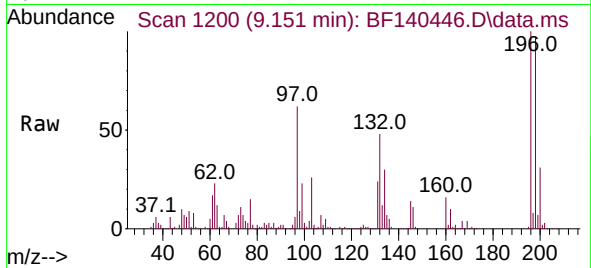
PB164846BS

Tgt Ion:196 Resp: 265884
Ion Ratio Lower Upper
196 100
198 96.7 77.0 115.4
200 30.9 24.2 36.4

Manual Integrations

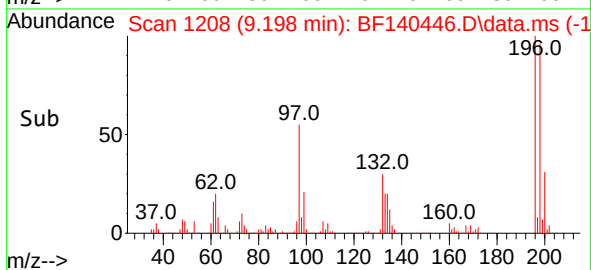
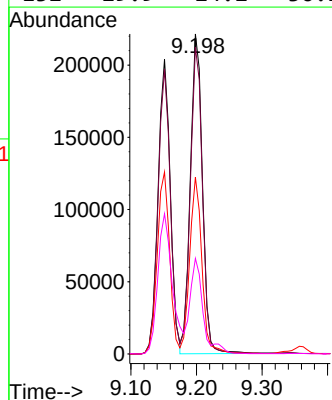
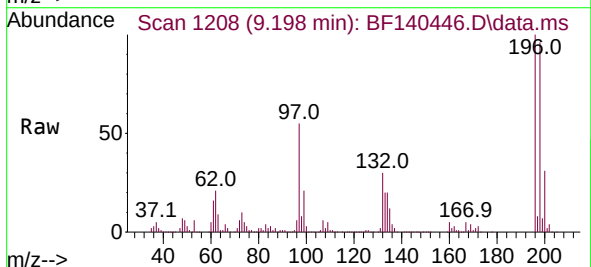
APPROVED

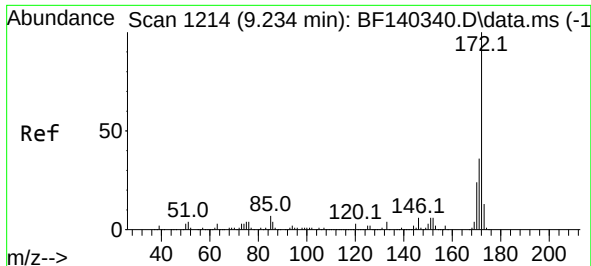
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#44
2,4,5-Trichlorophenol
Concen: 41.262 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:196 Resp: 284345
Ion Ratio Lower Upper
196 100
198 95.8 77.6 116.4
97 55.2 45.4 68.2
132 29.9 24.2 36.2





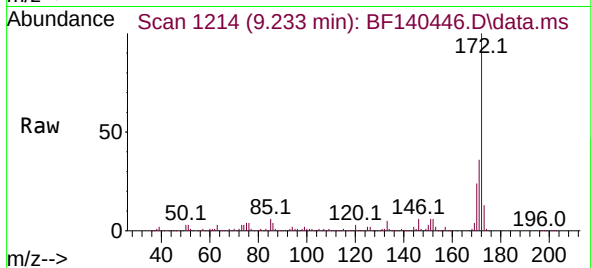
#45
2-Fluorobiphenyl
Concen: 83.216 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS



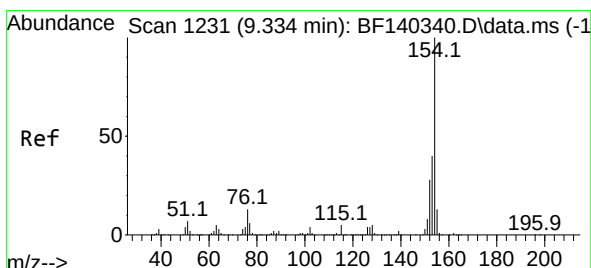
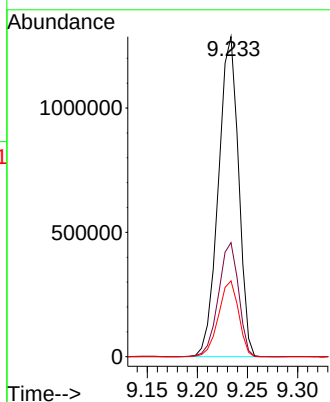
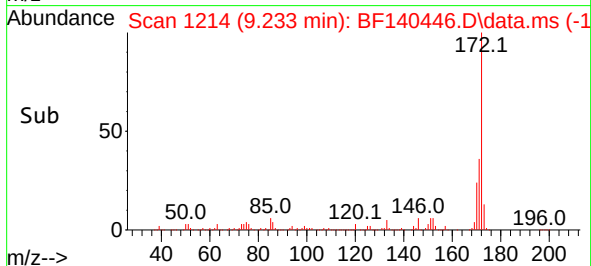
Tgt Ion:172 Resp: 179790
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.7 19.1 28.7

Manual Integrations

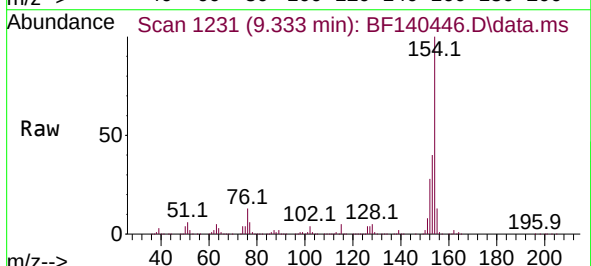
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

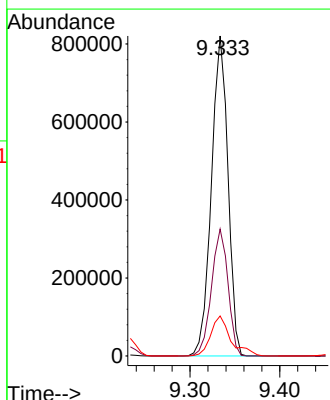
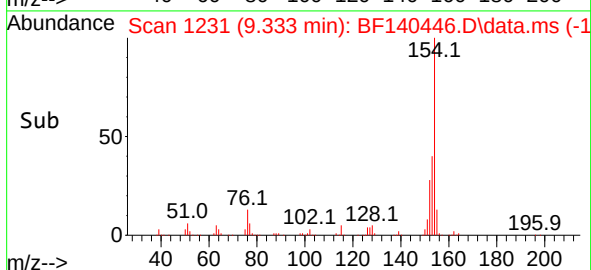
Supervised By :mohammad ahmed 11/19/2024

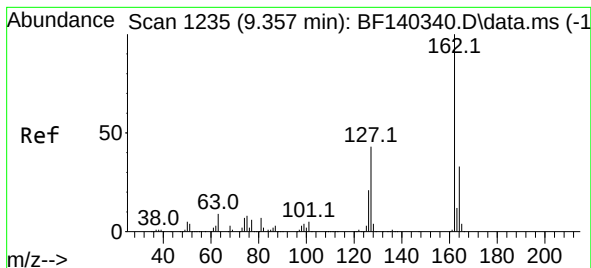


#46
1,1'-Biphenyl
Concen: 41.546 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32



Tgt Ion:154 Resp: 1049756
Ion Ratio Lower Upper
154 100
153 39.7 20.4 60.4
76 12.5 0.0 32.9





#47

2-Chloronaphthalene

Concen: 40.840 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

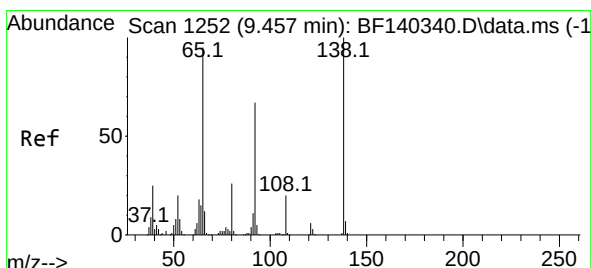
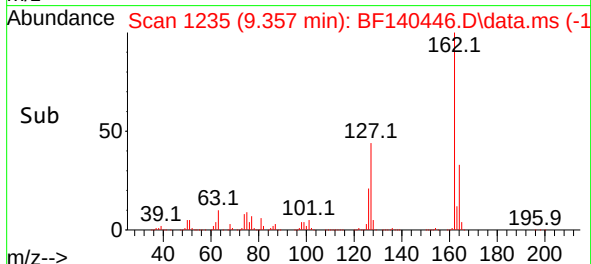
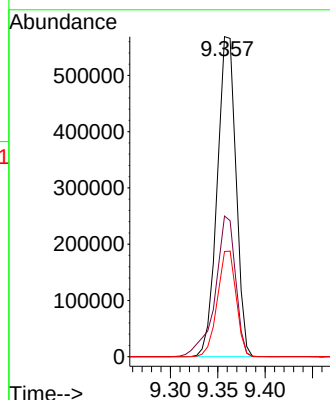
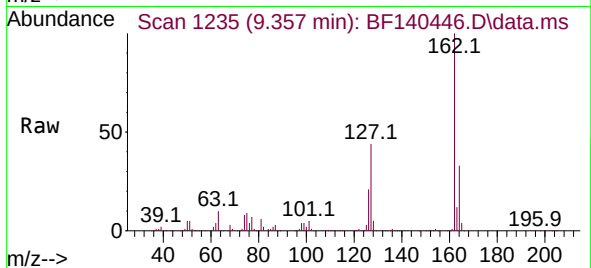
Tgt Ion:162 Resp: 786072
 Ion Ratio Lower Upper
 162 100
 127 44.0 34.0 51.0
 164 32.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#48

2-Nitroaniline

Concen: 42.763 ng

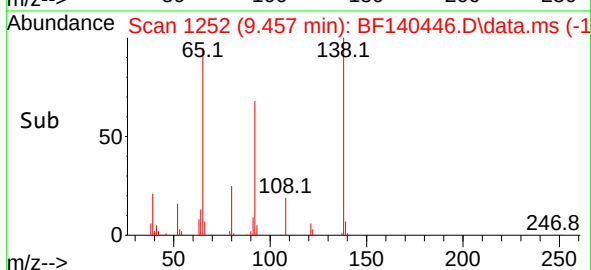
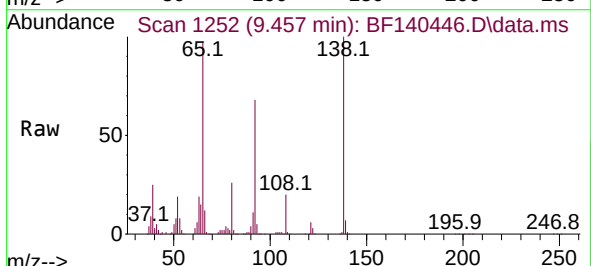
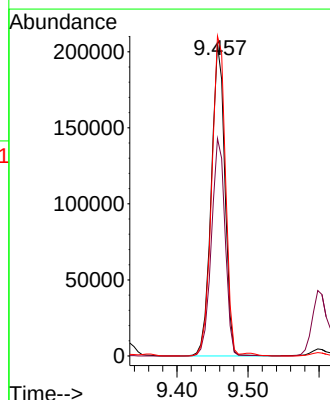
RT: 9.457 min Scan# 1252

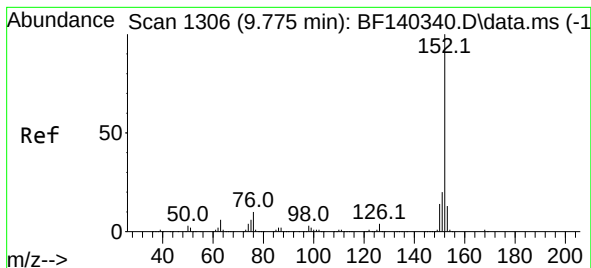
Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Tgt Ion: 65 Resp: 272968
 Ion Ratio Lower Upper
 65 100
 92 69.9 56.4 84.6
 138 102.8 84.8 127.2





#49

Acenaphthylene

Concen: 44.424 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140446.D

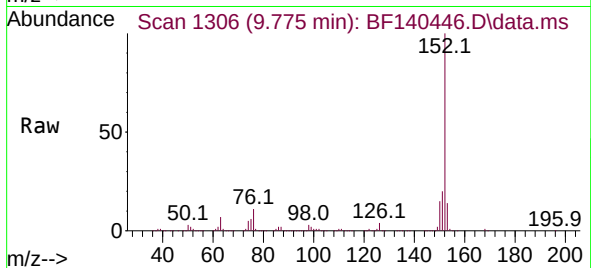
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS



Tgt Ion:152 Resp: 129368

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

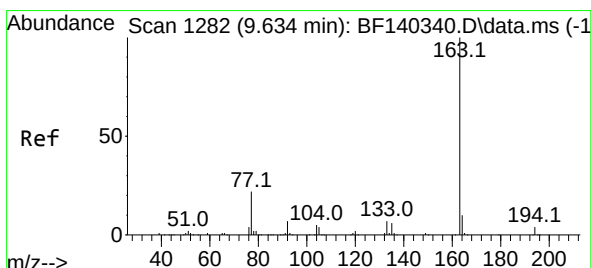
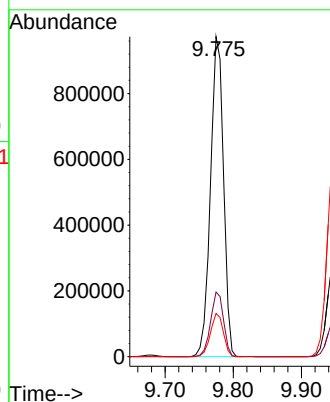
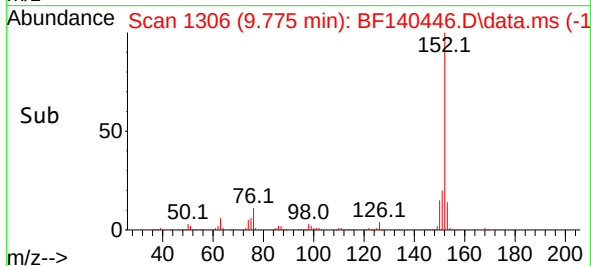
153 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#50

Dimethylphthalate

Concen: 43.130 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

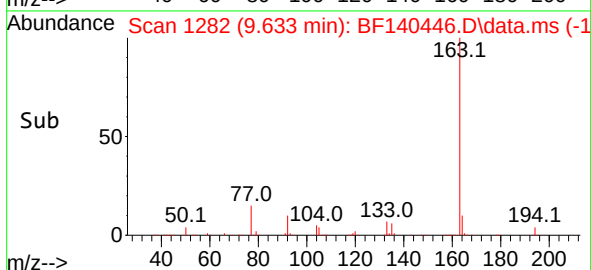
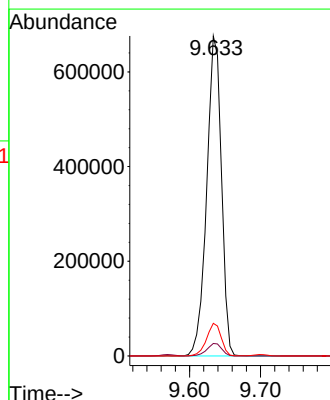
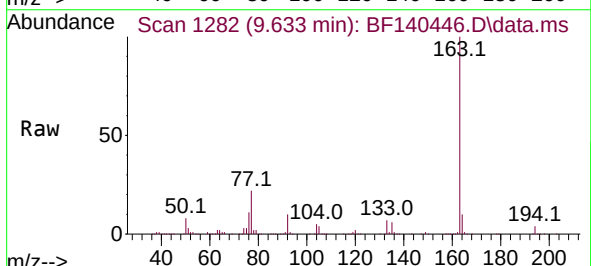
Tgt Ion:163 Resp: 976397

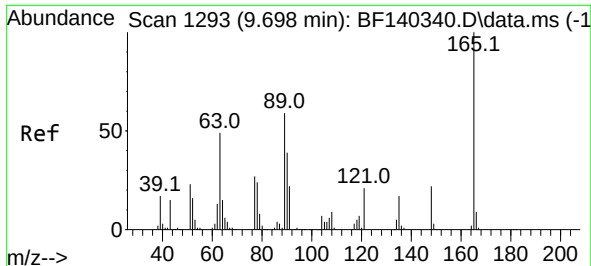
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.4





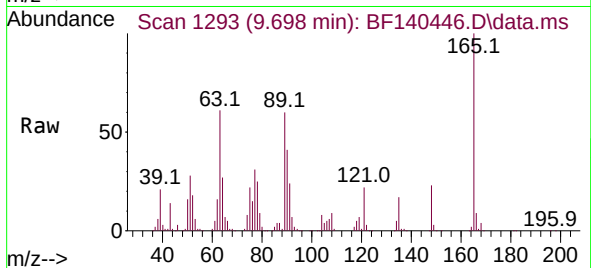
#51
2,6-Dinitrotoluene
Concen: 41.497 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

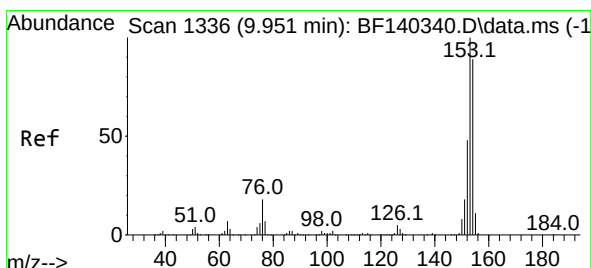
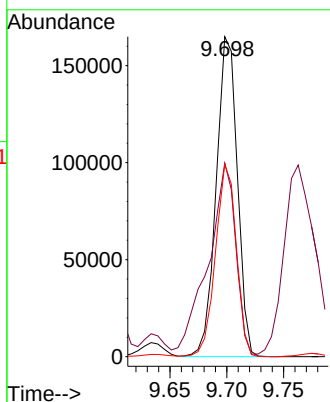
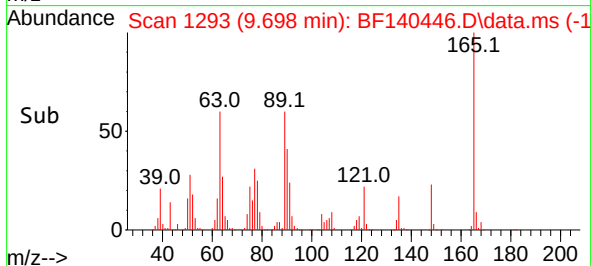


Tgt Ion:165 Resp: 214160
Ion Ratio Lower Upper
165 100
63 60.5 47.6 71.4
89 60.2 48.1 72.1

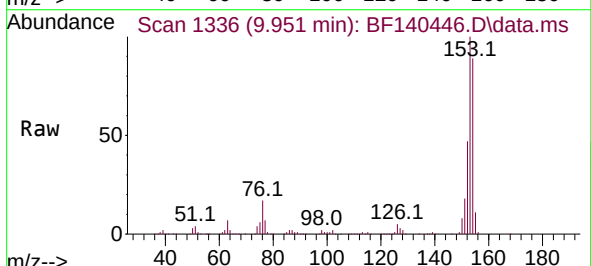
Manual Integrations

APPROVED

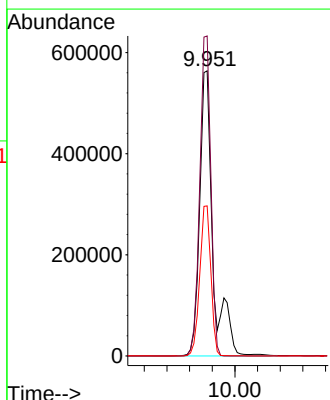
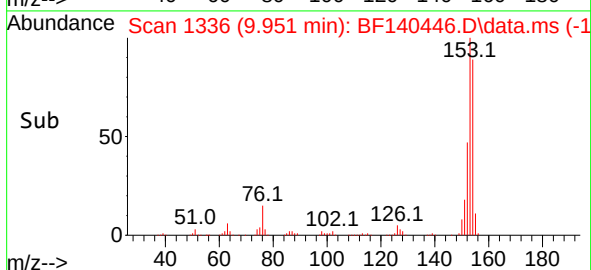
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

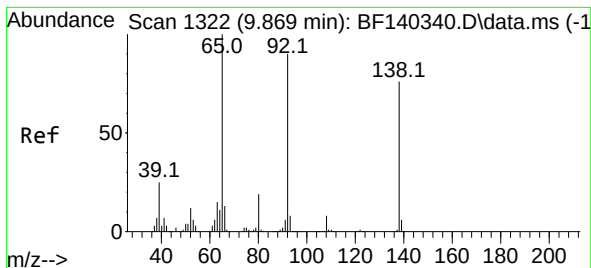


#52
Acenaphthene
Concen: 47.231 ng m
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32



Tgt Ion:154 Resp: 928998
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.8
152 52.6 42.6 64.0





#53

3-Nitroaniline

Concen: 33.263 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

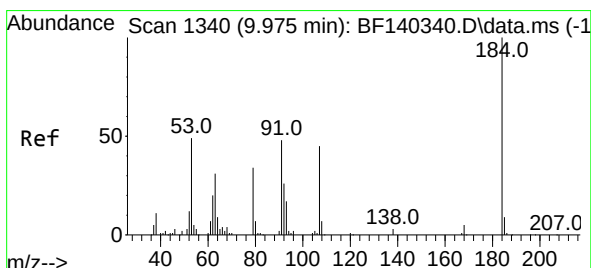
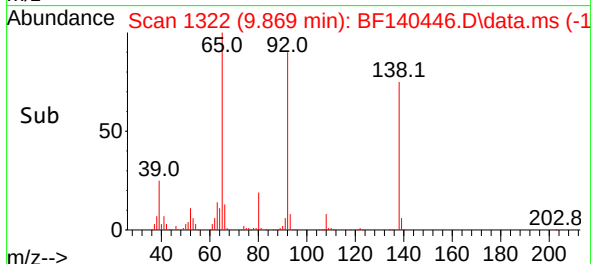
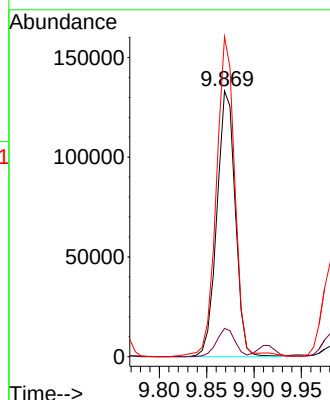
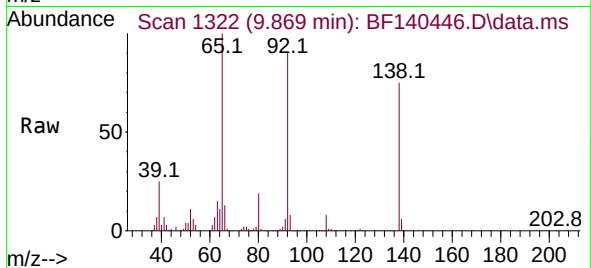
PB164846BS

Tgt Ion:138 Resp: 180285
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.4 12.6
 92 120.4 95.5 143.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024



#54

2,4-Dinitrophenol

Concen: 90.757 ng

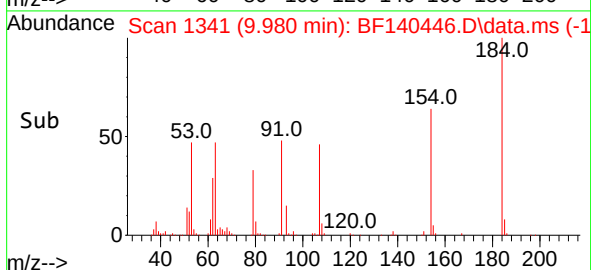
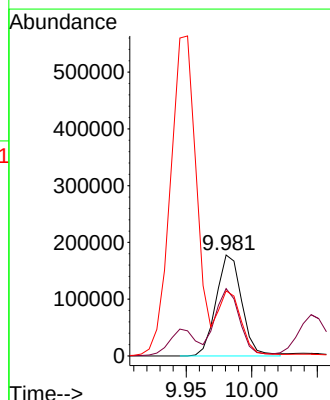
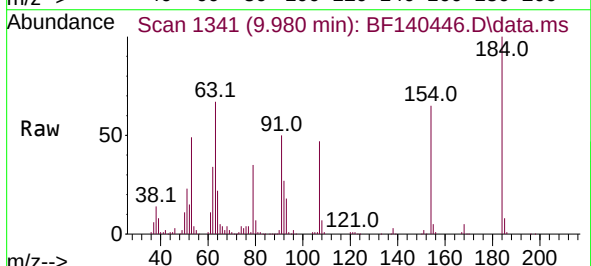
RT: 9.980 min Scan# 1341

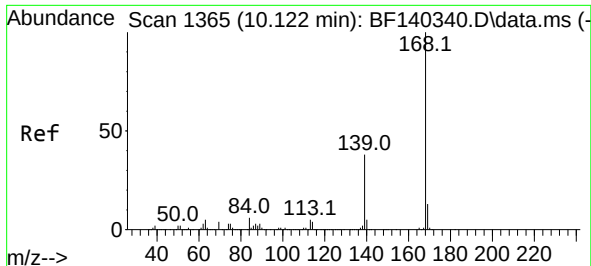
Delta R.T. 0.005 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Tgt Ion:184 Resp: 241543
 Ion Ratio Lower Upper
 184 100
 63 66.8 53.5 80.3
 154 64.6 51.3 76.9





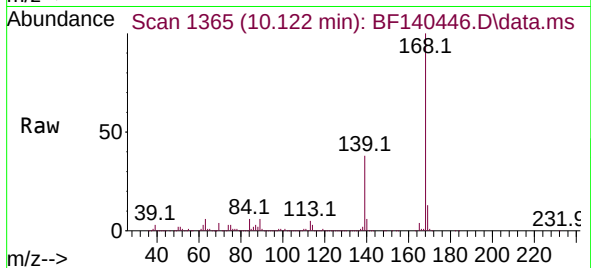
#55
Dibenzenofuran
Concen: 42.050 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS



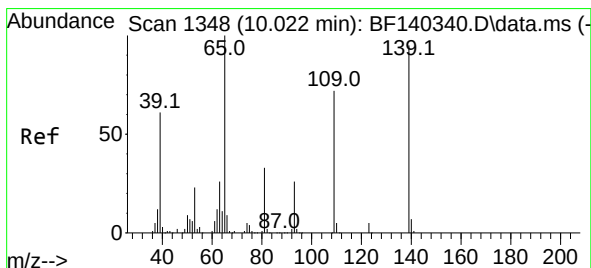
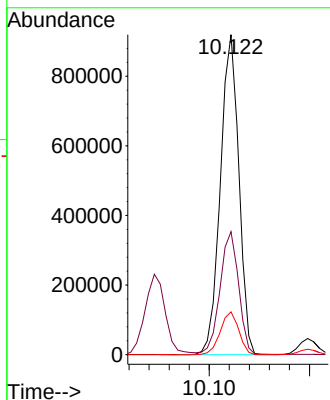
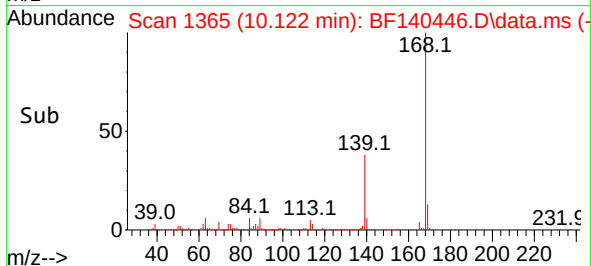
Tgt Ion:168 Resp: 117085
Ion Ratio Lower Upper
168 100
139 38.4 30.8 46.2
169 13.4 10.8 16.2

Manual Integrations

APPROVED

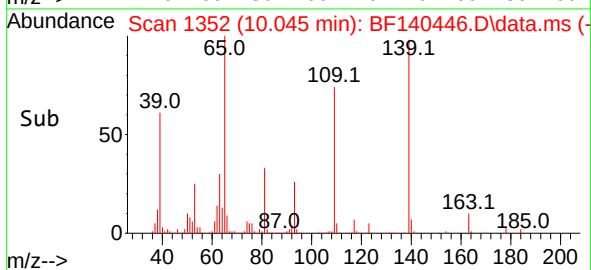
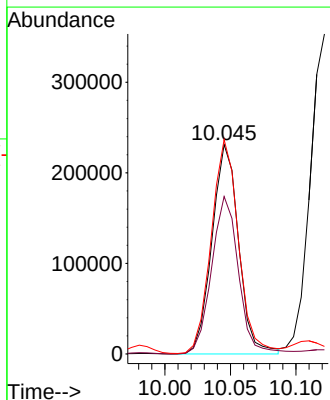
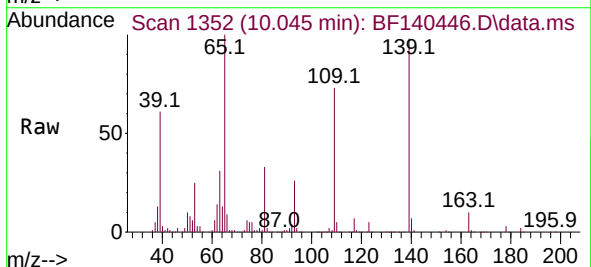
Reviewed By :Yogesh Patel 11/19/2024

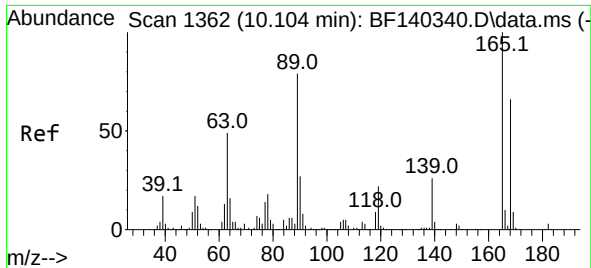
Supervised By :mohammad ahmed 11/19/2024



#56
4-Nitrophenol
Concen: 82.591 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.023 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:139 Resp: 326519
Ion Ratio Lower Upper
139 100
109 75.2 54.5 94.5
65 102.4 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 42.164 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

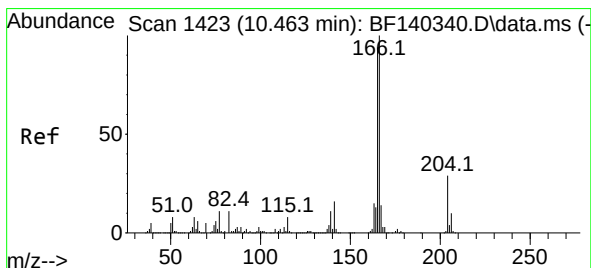
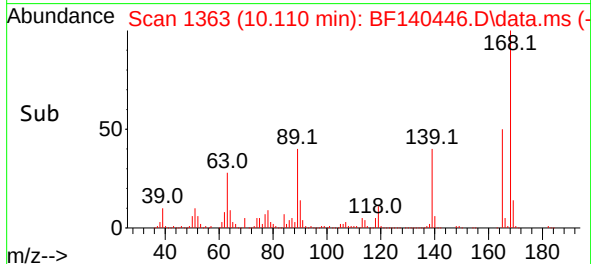
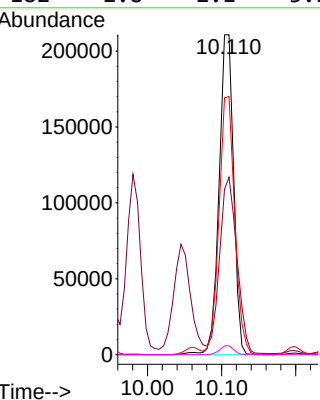
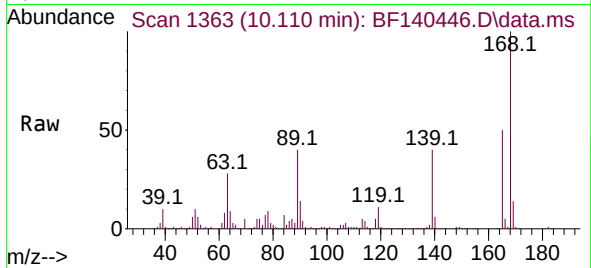
PB164846BS

Tgt Ion:165 Resp: 28639
Ion Ratio Lower Upper
165 100
63 55.4 39.4 59.0
89 80.6 62.4 93.6
182 2.8 2.1 3.1

Manual Integrations

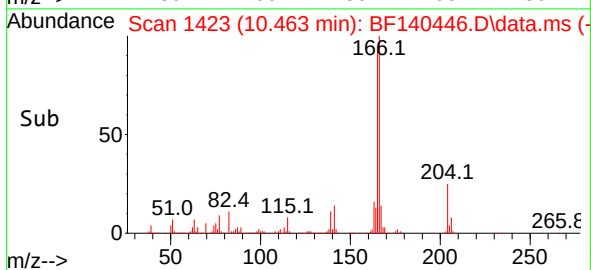
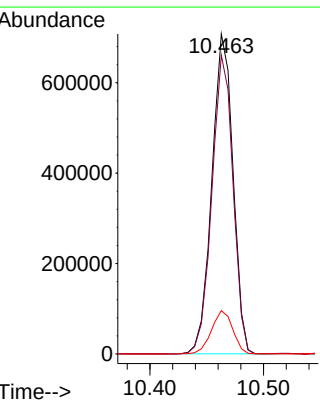
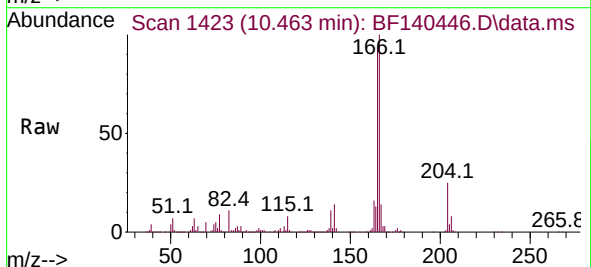
APPROVED

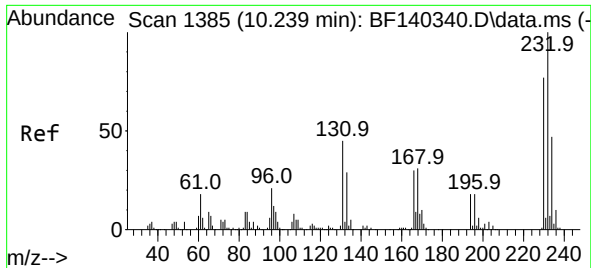
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#58
Fluorene
Concen: 41.606 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:166 Resp: 915188
Ion Ratio Lower Upper
166 100
165 93.4 73.9 110.9
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.420 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

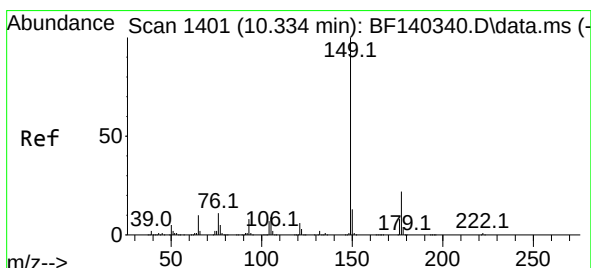
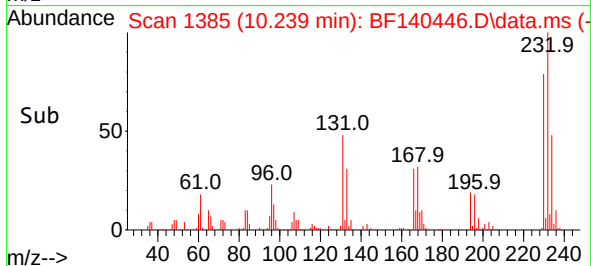
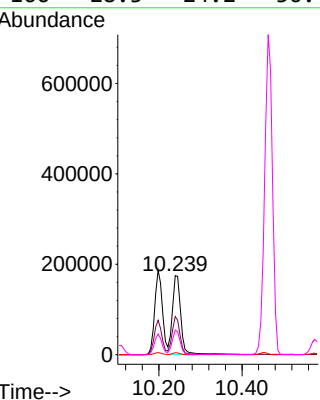
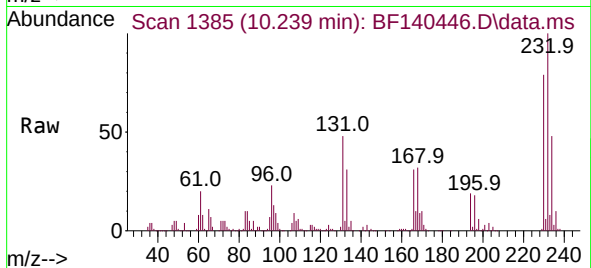
PB164846BS

Tgt Ion:232 Resp: 247144
Ion Ratio Lower Upper
232 100
131 44.7 36.8 55.2
130 2.2 1.9 2.9
166 28.3 24.2 36.4

Manual Integrations

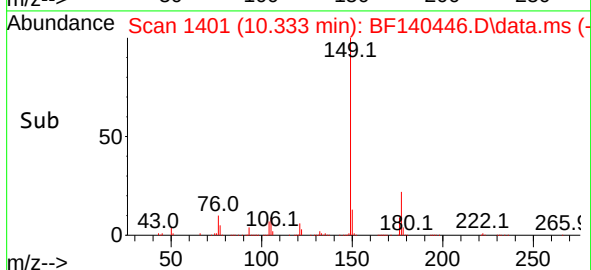
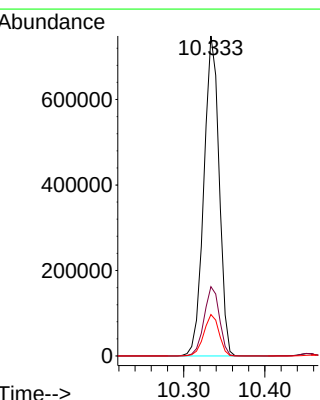
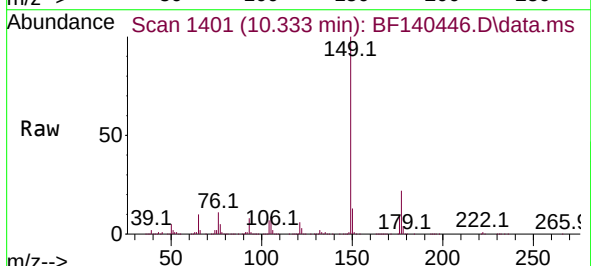
APPROVED

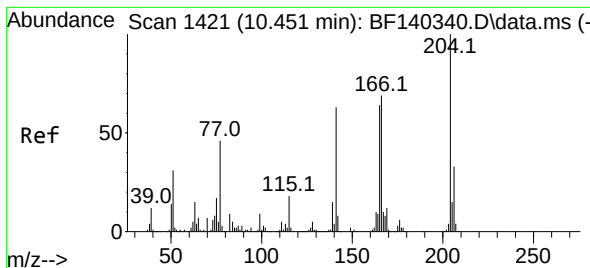
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#60
Diethylphthalate
Concen: 42.270 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

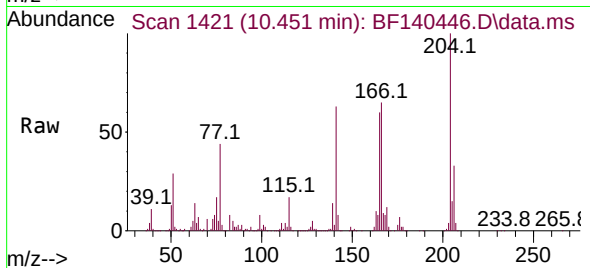
Tgt Ion:149 Resp: 978499
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.524 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

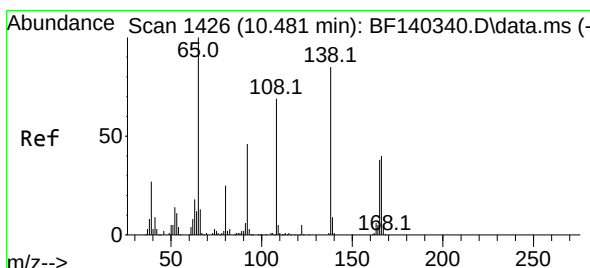
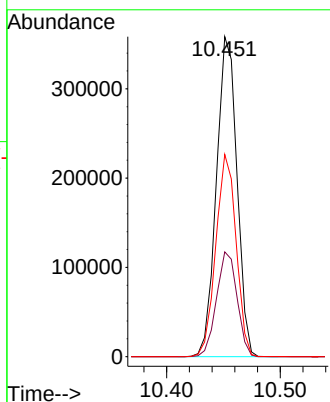
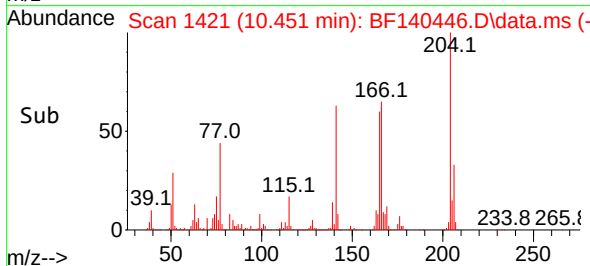
Instrument :
BNA_F
ClientSampleId :
PB164846BS



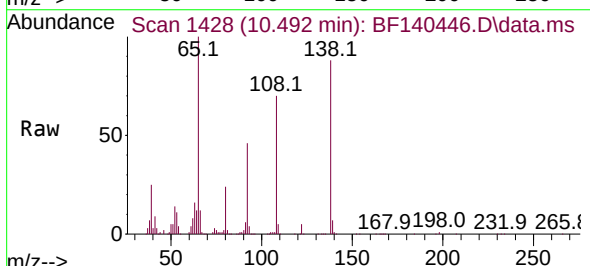
Tgt Ion:204 Resp: 450938
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 63.2 49.8 74.8

Manual Integrations
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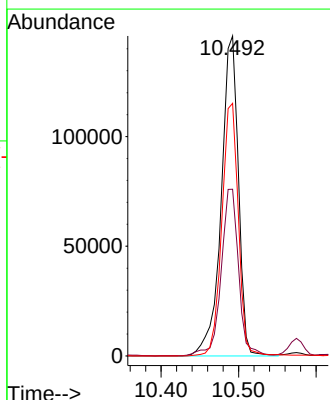
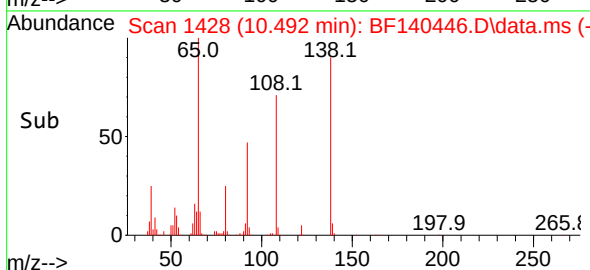
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

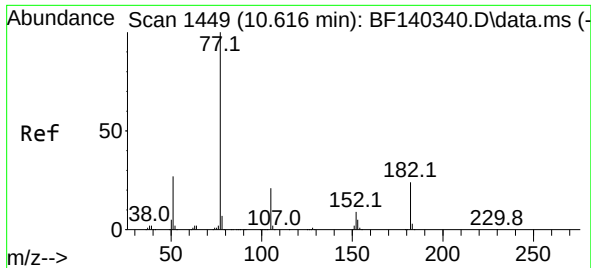


#62
4-Nitroaniline
Concen: 40.599 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32



Tgt Ion:138 Resp: 224994
Ion Ratio Lower Upper
138 100
92 52.1 33.8 73.8
108 78.9 59.9 99.9





#63
Azobenzene
Concen: 42.196 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

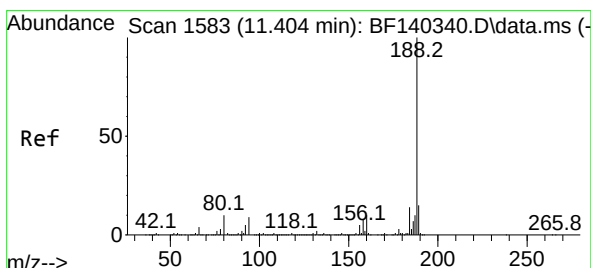
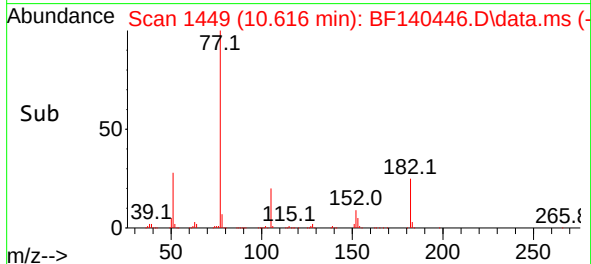
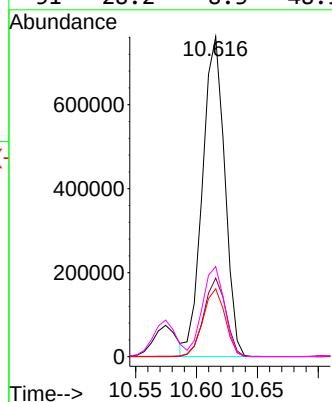
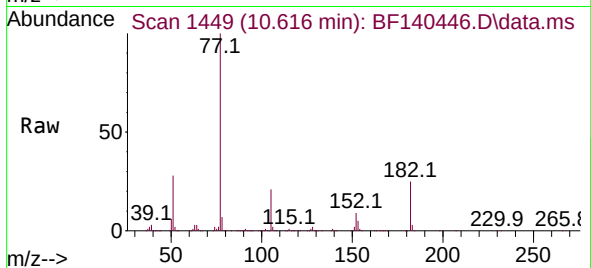
Tgt Ion: 77 Resp: 965118
Ion Ratio Lower Upper
77 100
182 24.6 4.6 44.6
105 21.2 0.9 40.9
51 28.2 8.3 48.3

Manual Integrations

APPROVED

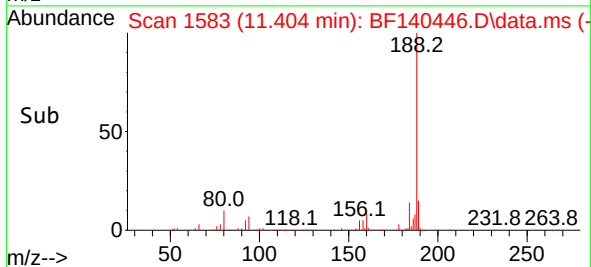
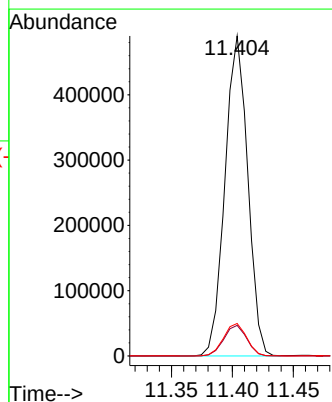
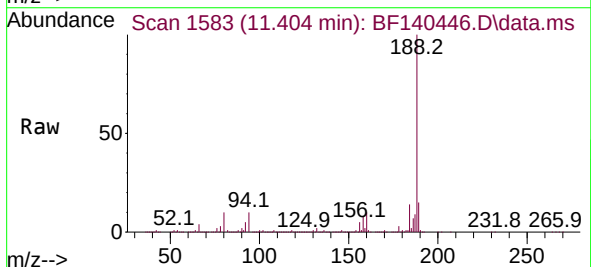
Reviewed By :Yogesh Patel 11/19/2024

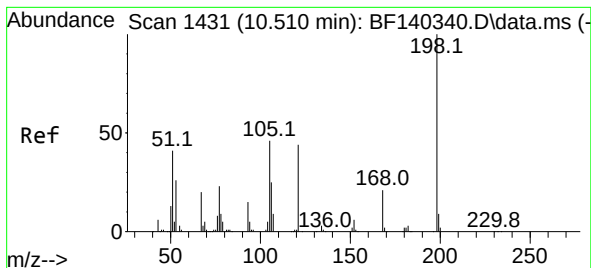
Supervised By :mohammad ahmed 11/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:188 Resp: 636734
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.1 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.190 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

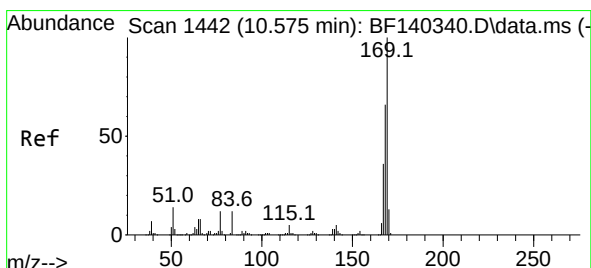
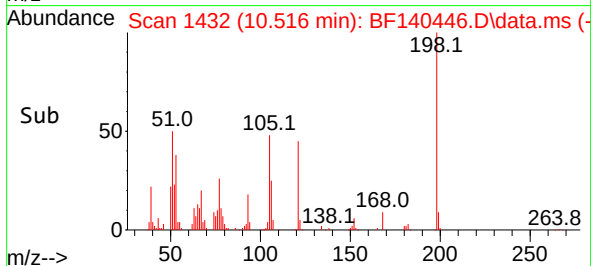
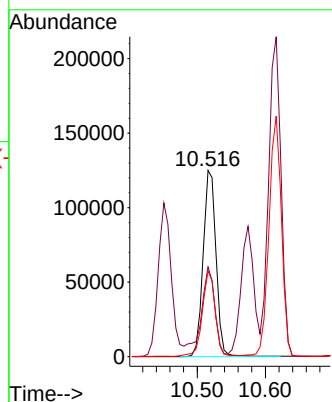
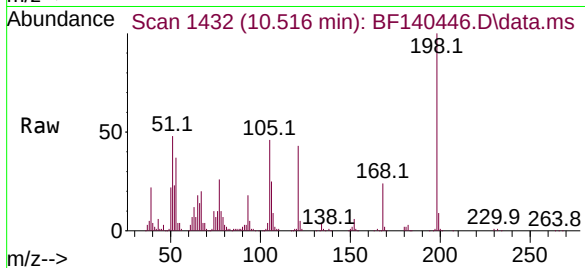
ClientSampleId :

PB164846BS

Tgt Ion:198 Resp: 16508
Ion Ratio Lower Upper
198 100
51 48.1 29.7 69.7
105 46.1 26.3 66.3

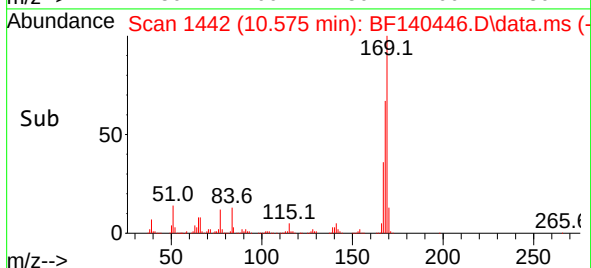
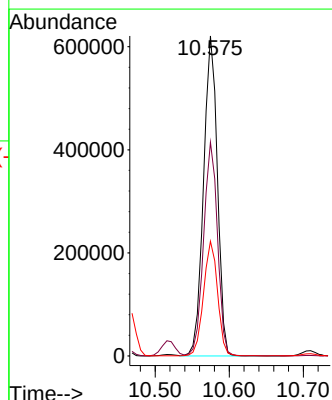
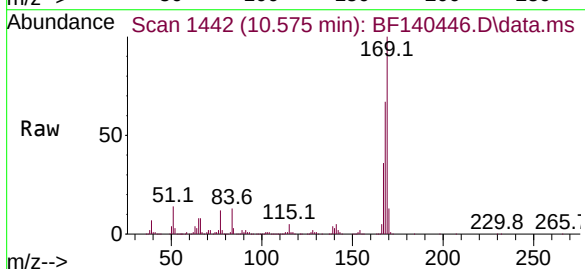
Manual Integrations
APPROVED

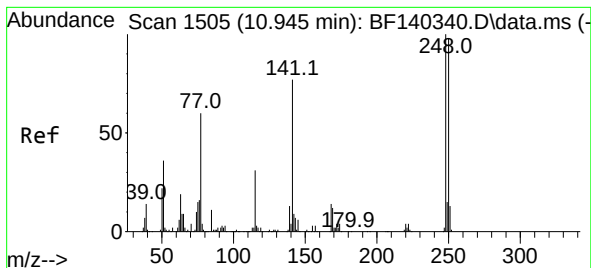
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#66
n-Nitrosodiphenylamine
Concen: 43.817 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

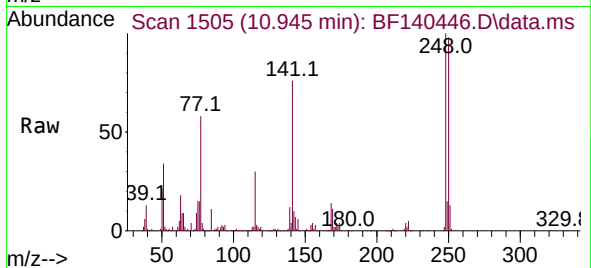
Tgt Ion:169 Resp: 806124
Ion Ratio Lower Upper
169 100
168 66.8 52.7 79.1
167 35.8 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 43.387 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

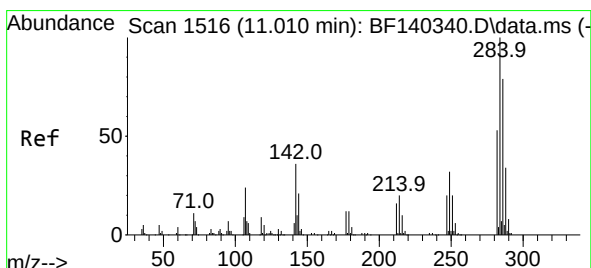
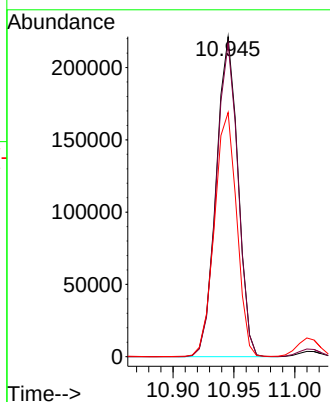
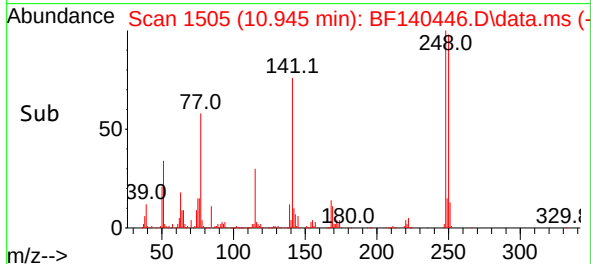
Instrument :
BNA_F
ClientSampleId :
PB164846BS



Tgt Ion:248 Resp: 27615
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 76.3 61.8 92.6

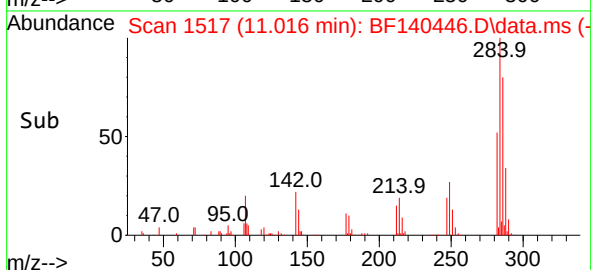
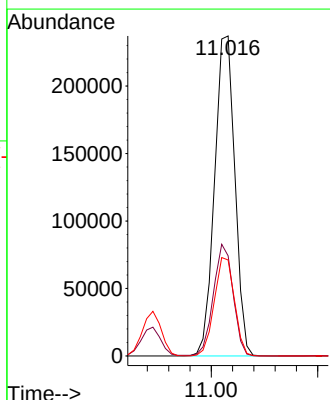
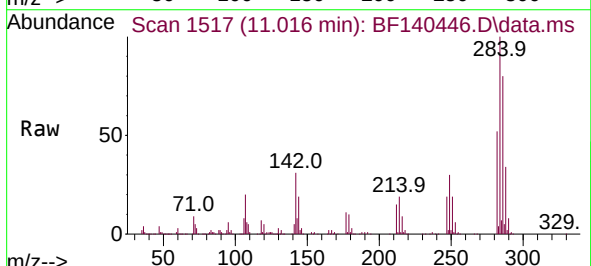
Manual Integrations
APPROVED

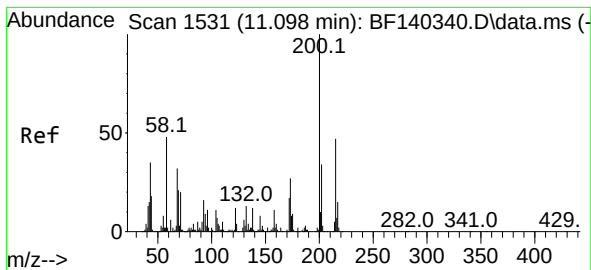
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#68
Hexachlorobenzene
Concen: 43.661 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

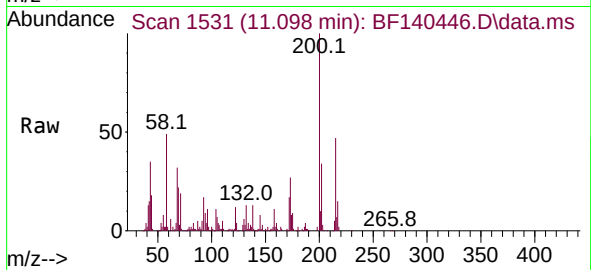
Tgt Ion:284 Resp: 312673
Ion Ratio Lower Upper
284 100
142 31.3 28.1 42.1
249 30.0 24.9 37.3





#69
Atrazine
Concen: 36.828 ng
RT: 11.098 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

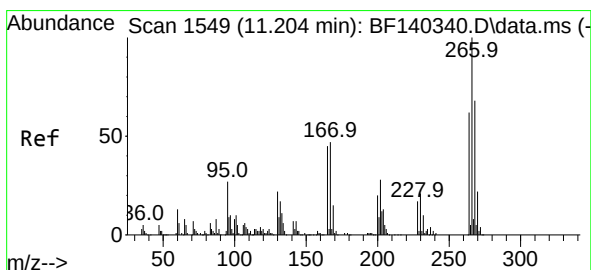
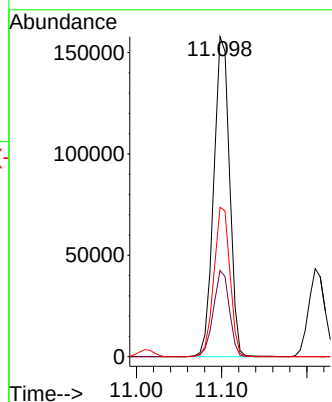
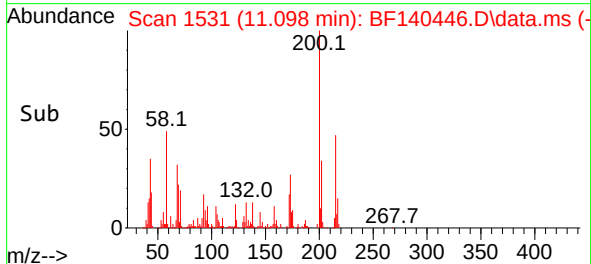
Instrument :
BNA_F
ClientSampleId :
PB164846BS



Tgt Ion:200 Resp: 204988
Ion Ratio Lower Upper
200 100
173 26.9 6.6 46.6
215 46.7 27.2 67.2

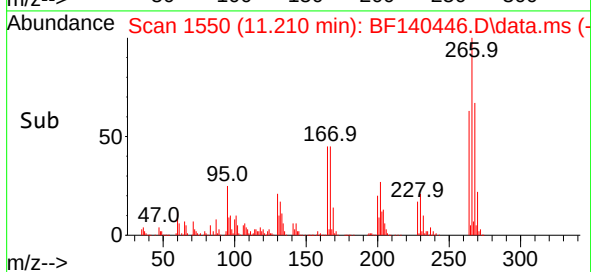
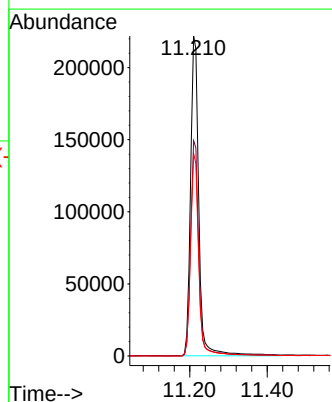
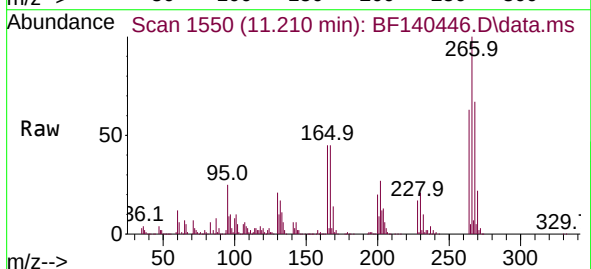
Manual Integrations
APPROVED

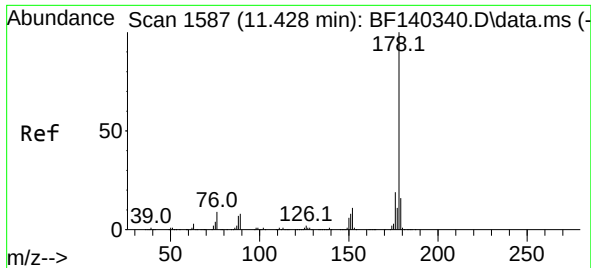
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#70
Pentachlorophenol
Concen: 84.794 ng
RT: 11.210 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:266 Resp: 327103
Ion Ratio Lower Upper
266 100
268 67.3 52.9 79.3
264 63.2 50.3 75.5





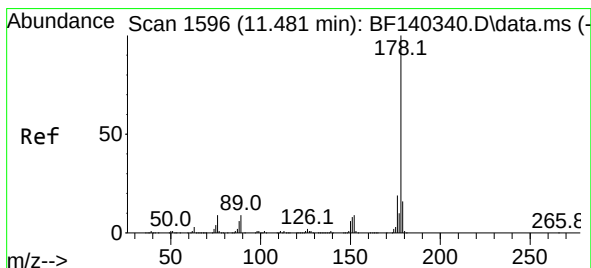
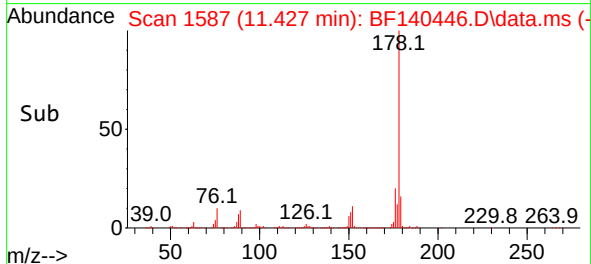
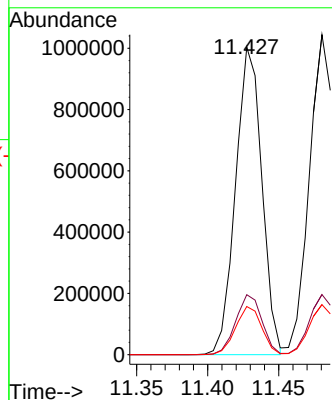
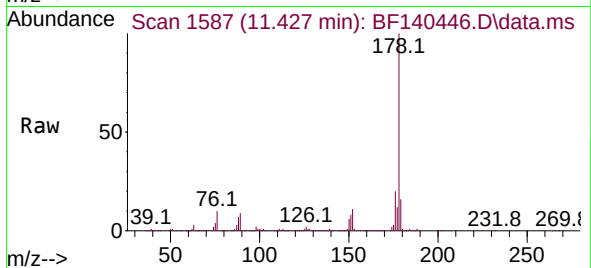
#71
Phenanthrene
Concen: 43.255 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB164846BS

Tgt Ion:178 Resp: 1293808
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.4 18.6

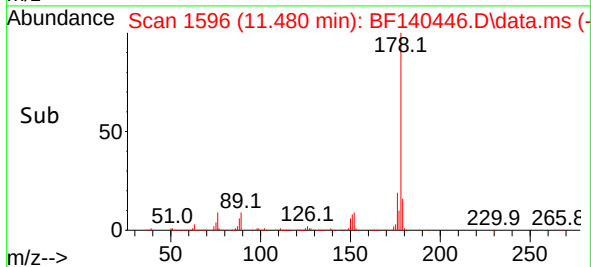
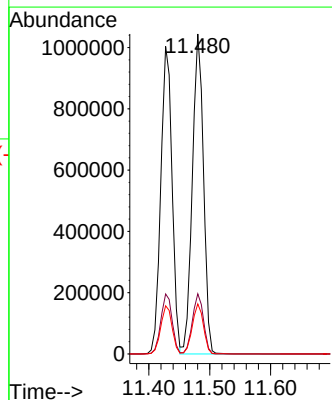
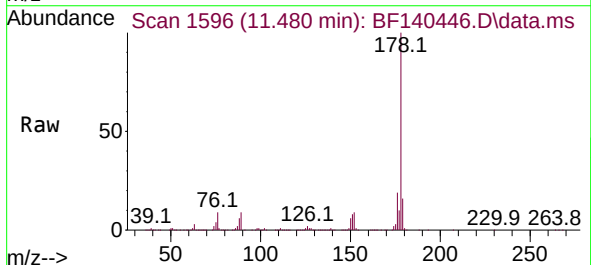
Manual Integrations
APPROVED

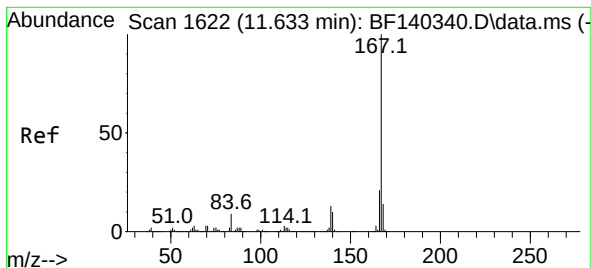
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#72
Anthracene
Concen: 45.295 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:178 Resp: 1327808
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.7 12.6 18.8





#73

Carbazole

Concen: 42.137 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

Tgt Ion:167 Resp: 1219658

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

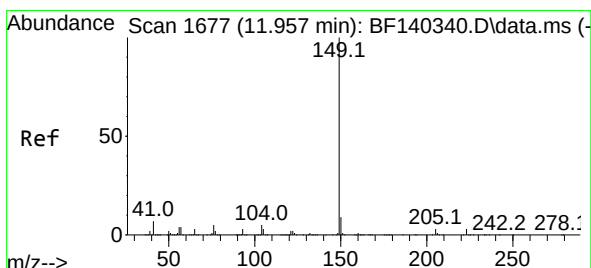
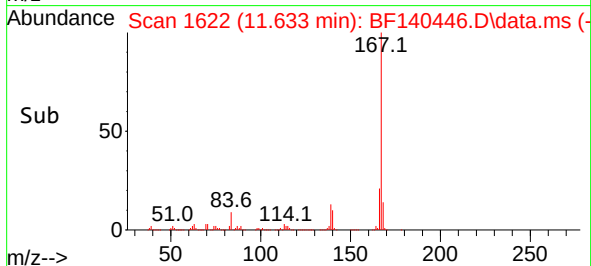
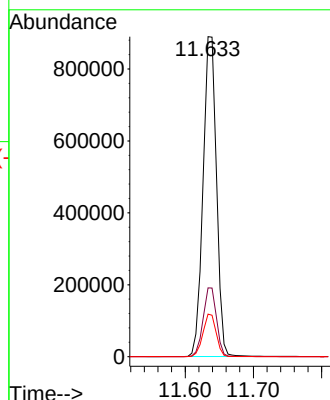
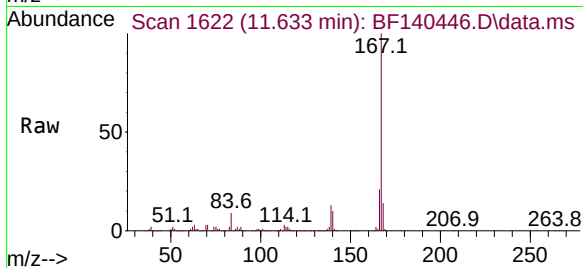
139 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#74

Di-n-butylphthalate

Concen: 43.950 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

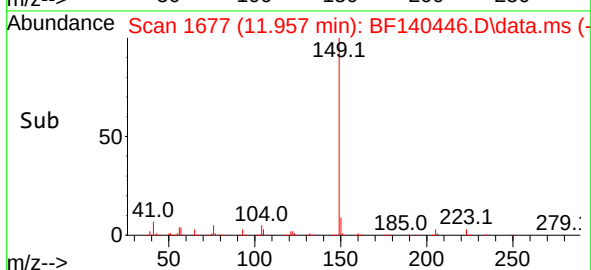
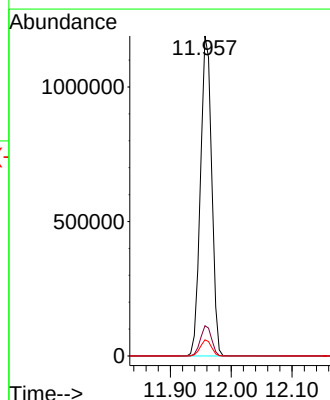
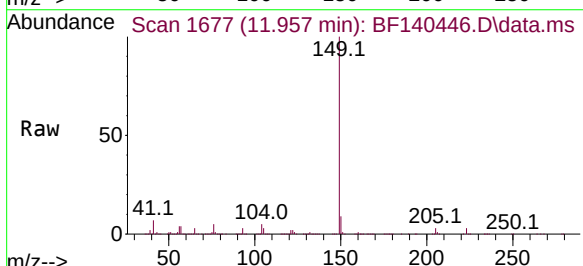
Tgt Ion:149 Resp: 1526840

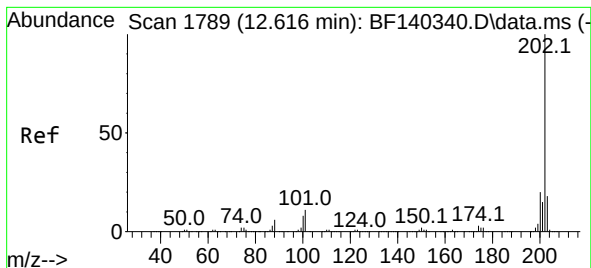
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 41.338 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

Tgt Ion:202 Resp: 138721

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.7

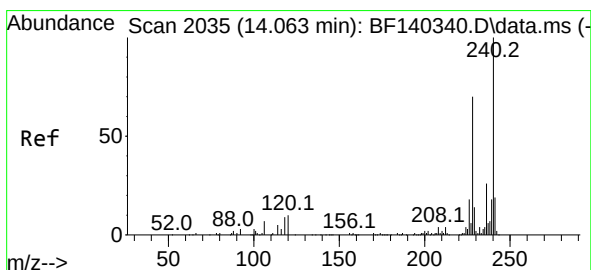
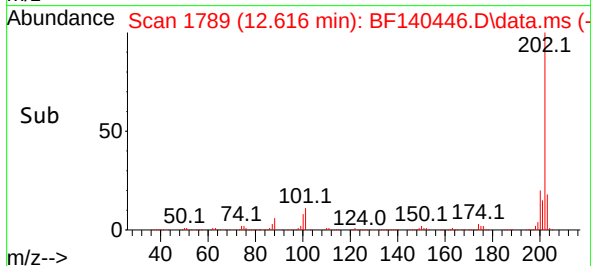
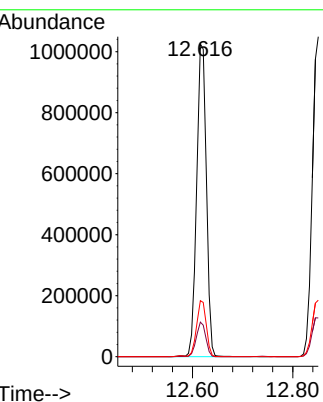
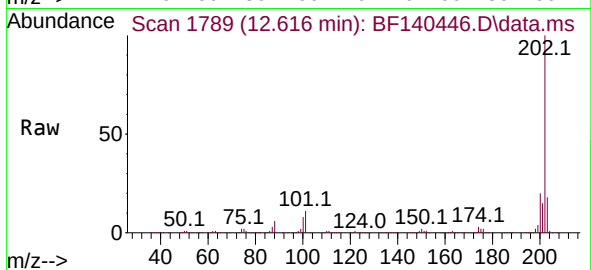
203 17.9 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

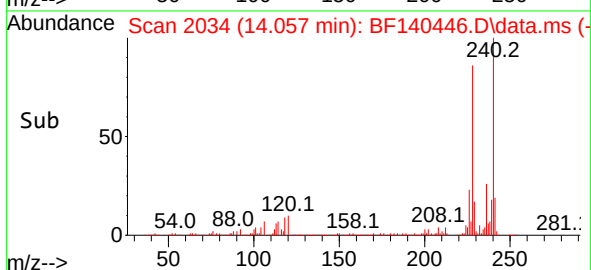
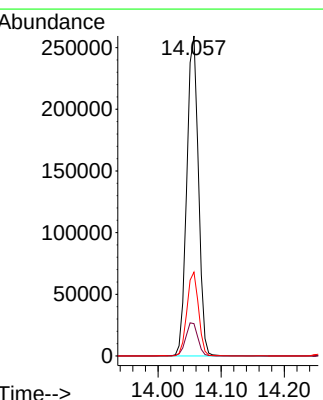
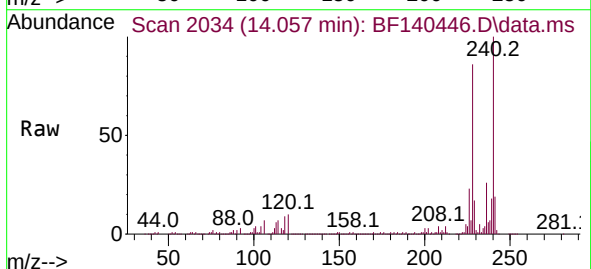
Tgt Ion:240 Resp: 331814

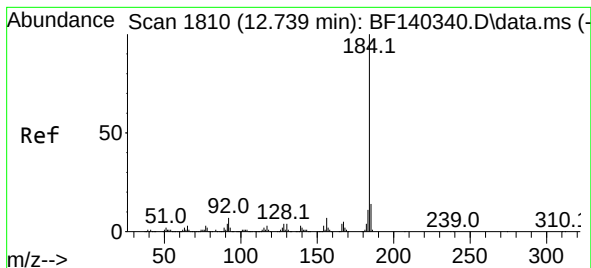
Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

236 26.2 20.9 31.3





#77

Benzidine

Concen: 21.241 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

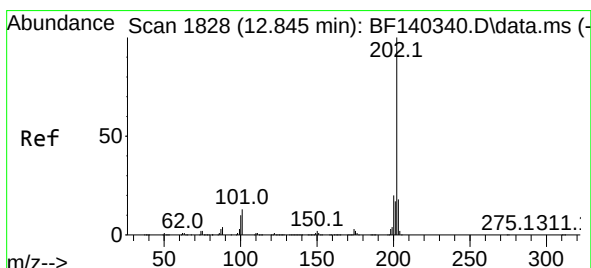
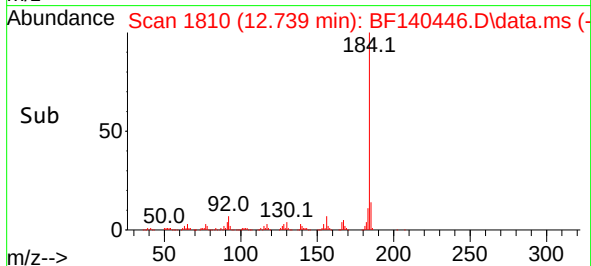
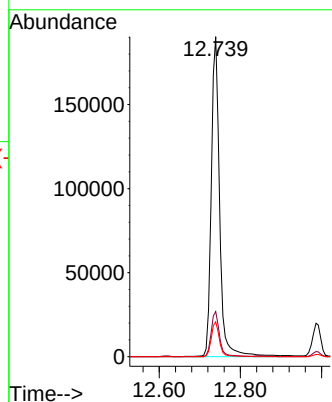
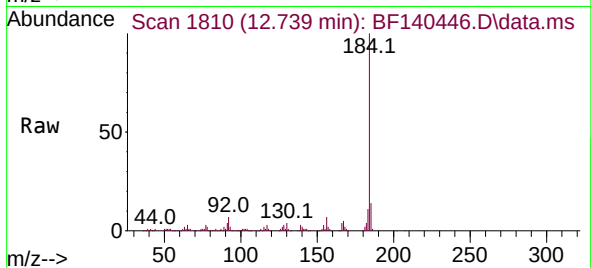
Tgt Ion:184	Resp: 270508
Ion Ratio	Lower Upper
184	100
185	14.1 11.9 17.9
183	10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#78

Pyrene

Concen: 49.101 ng

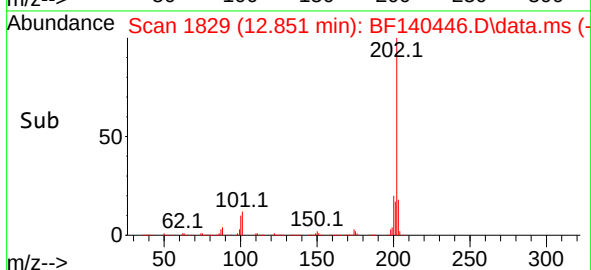
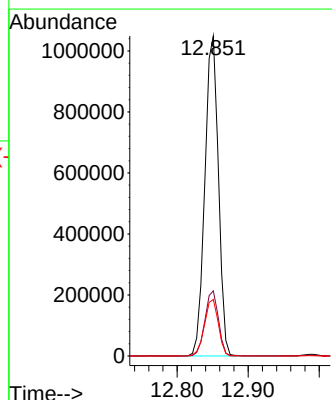
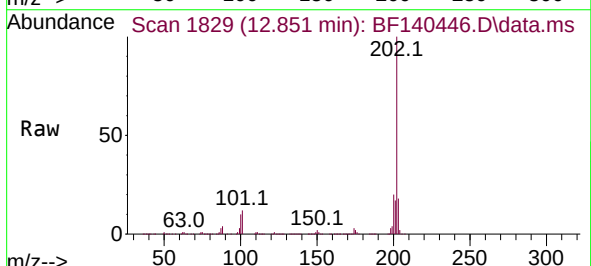
RT: 12.851 min Scan# 1829

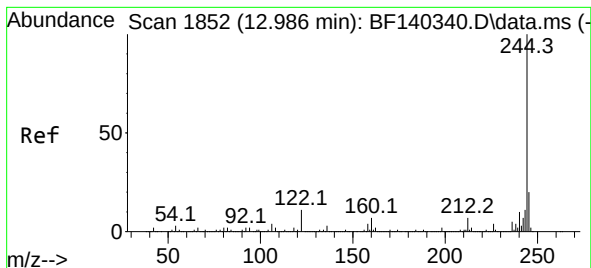
Delta R.T. 0.006 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Tgt Ion:202	Resp: 1393611
Ion Ratio	Lower Upper
202	100
200	20.4 16.2 24.2
203	17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 102.067 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140446.D

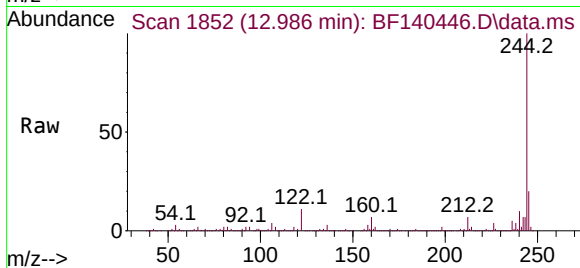
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS



Tgt Ion:244 Resp: 195112

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

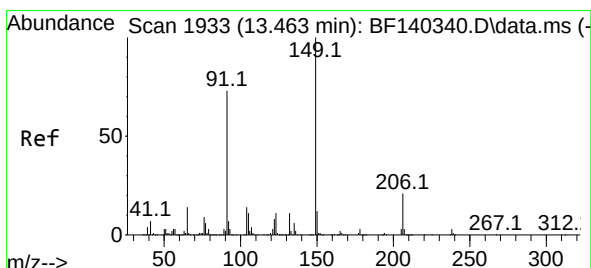
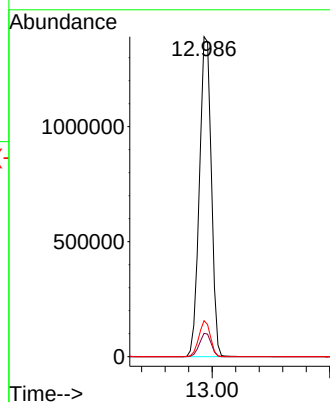
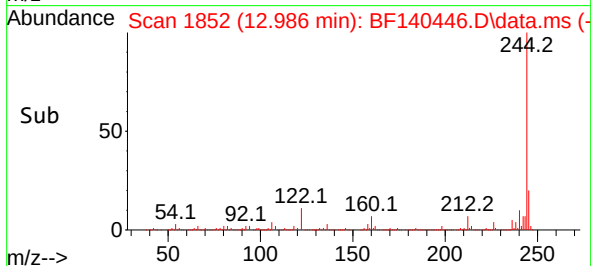
122 11.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#80

Butylbenzylphthalate

Concen: 50.157 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

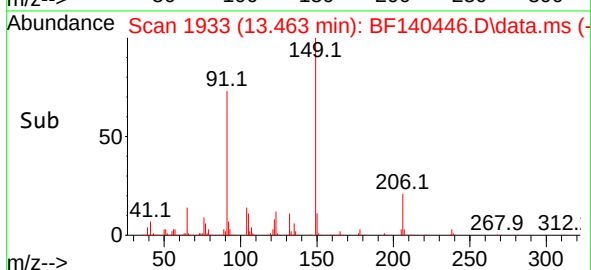
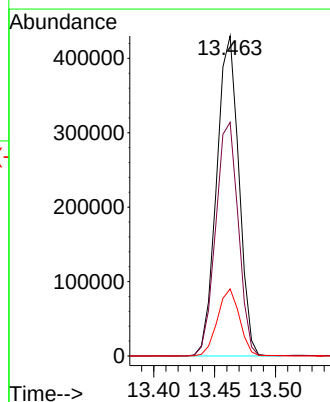
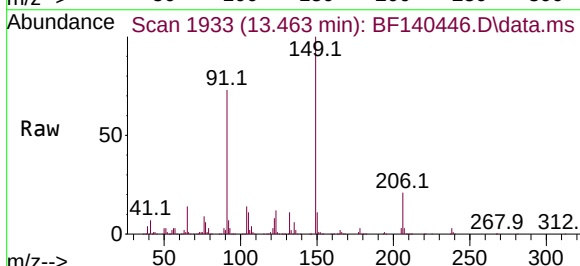
Tgt Ion:149 Resp: 546873

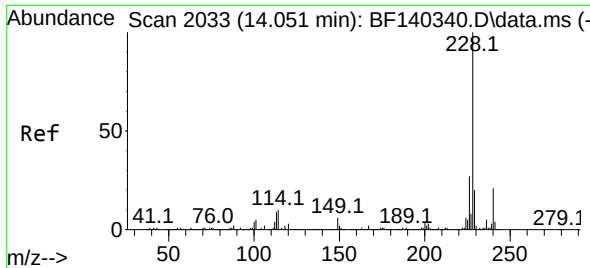
Ion Ratio Lower Upper

149 100

91 73.0 61.0 91.4

206 20.9 16.1 24.1





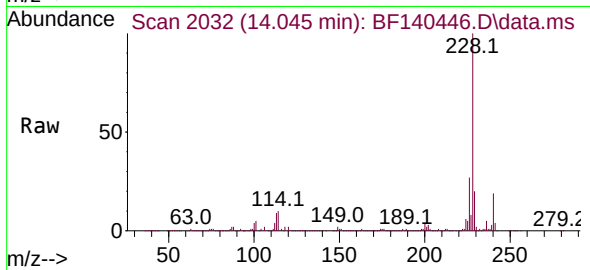
#81
Benzo(a)anthracene
Concen: 45.185 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

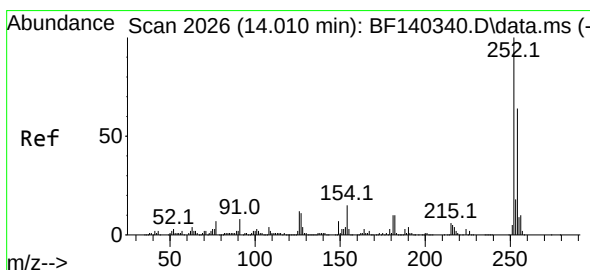
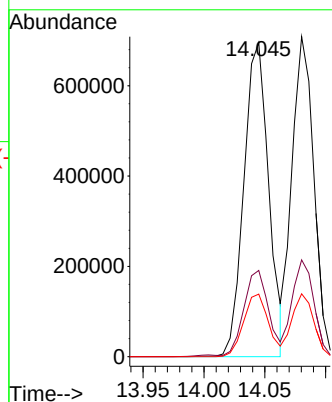
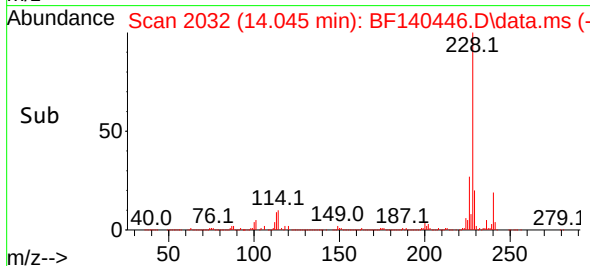


Tgt Ion:228 Resp: 985370
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.9 15.8 23.6

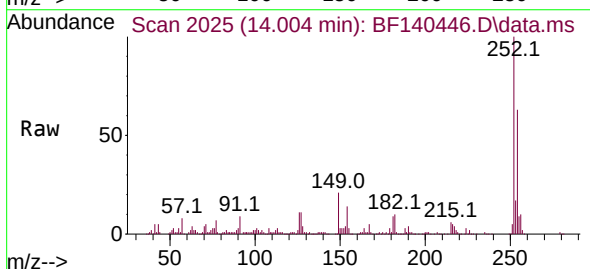
Manual Integrations

APPROVED

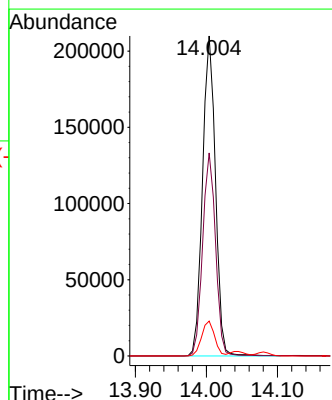
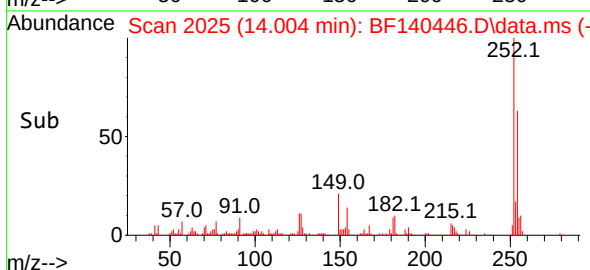
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

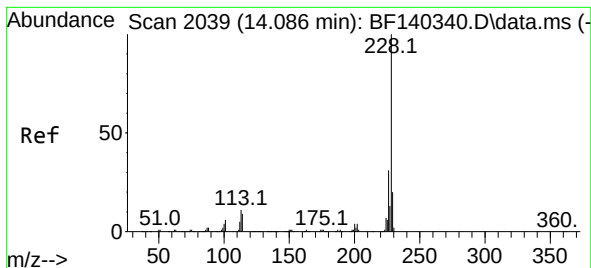


#82
3,3'-Dichlorobenzidine
Concen: 38.372 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32



Tgt Ion:252 Resp: 265978
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 10.9 9.4 14.0





#83

Chrysene

Concen: 44.569 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

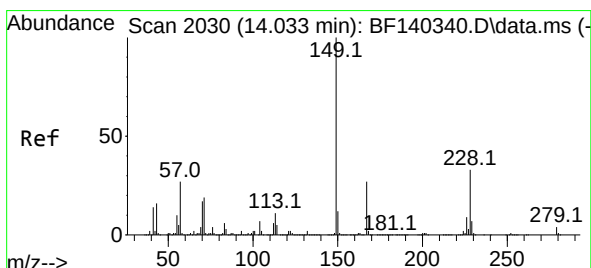
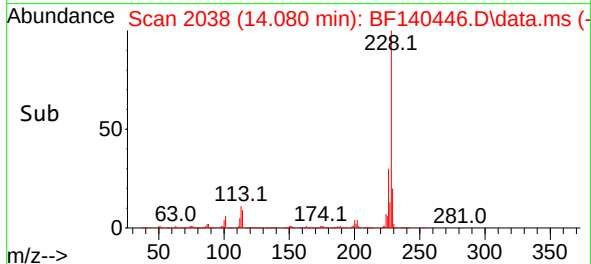
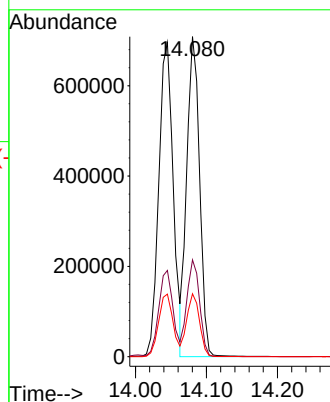
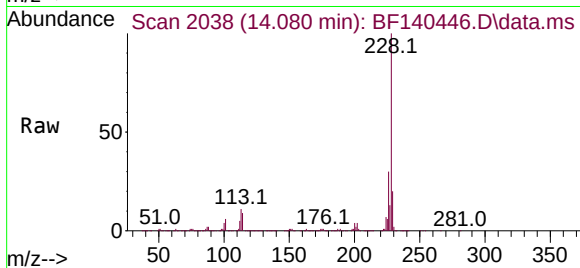
Tgt Ion:228 Resp: 886820
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.5 36.7
 229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.594 ng

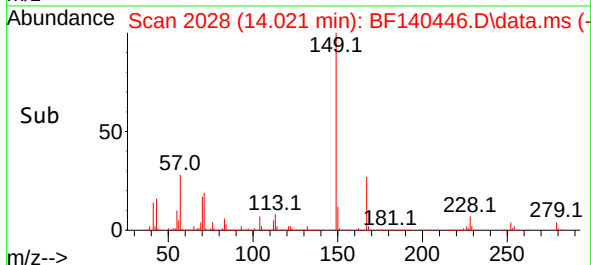
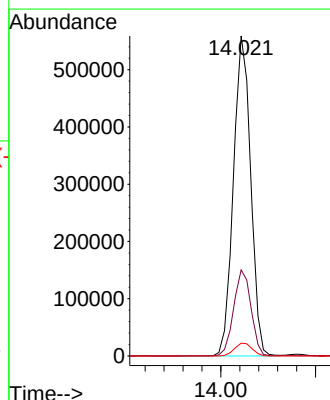
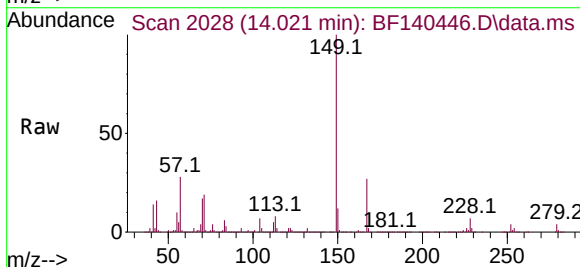
RT: 14.021 min Scan# 2028

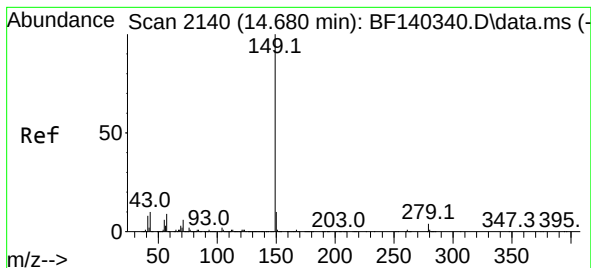
Delta R.T. -0.000 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Tgt Ion:149 Resp: 707203
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 4.0 3.0 4.6





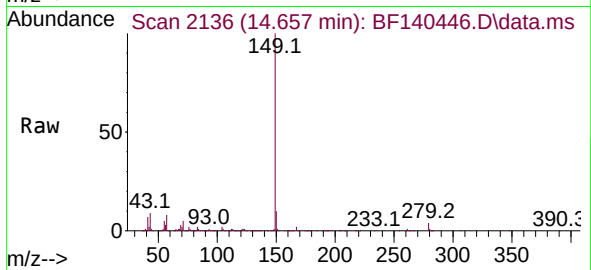
#85
Di-n-octyl phthalate
Concen: 45.132 ng
RT: 14.657 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS



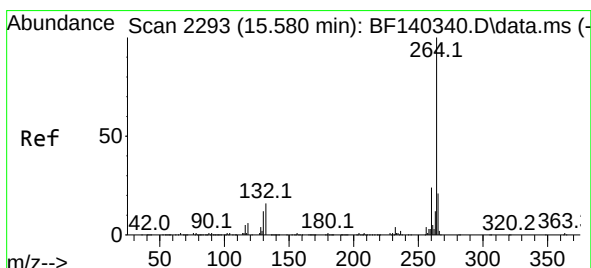
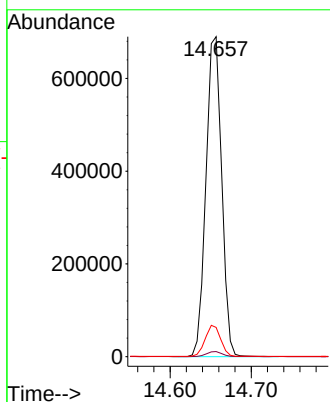
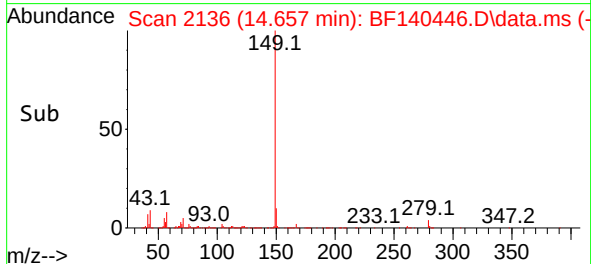
Tgt Ion:149 Resp: 925048
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 8.0 12.0

Manual Integrations

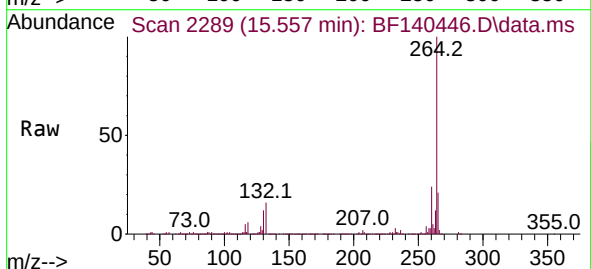
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

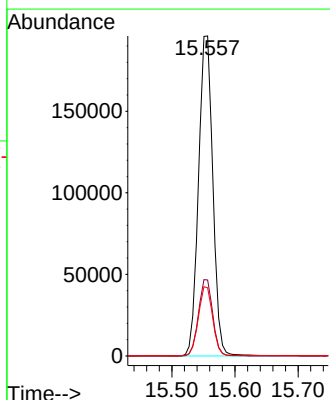
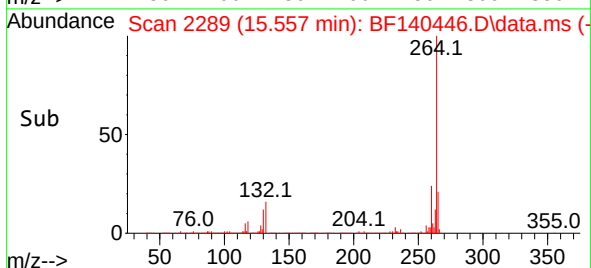
Supervised By :mohammad ahmed 11/19/2024

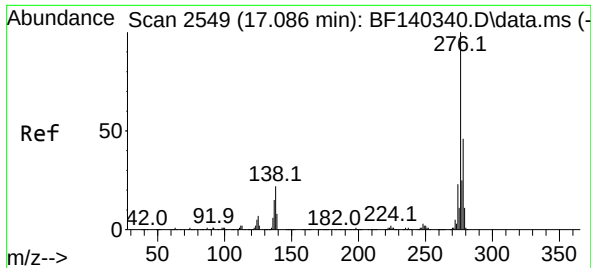


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32



Tgt Ion:264 Resp: 309689
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.3 17.1 25.7





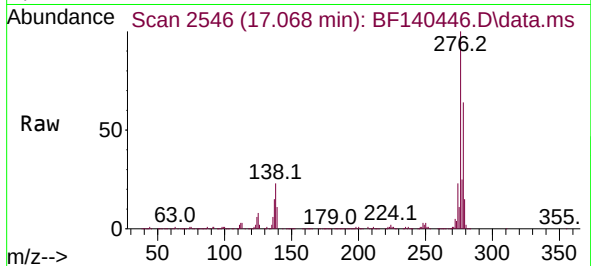
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.962 ng
RT: 17.068 min Scan# 2114
Delta R.T. 0.012 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

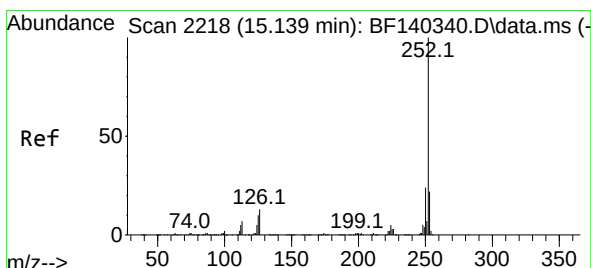
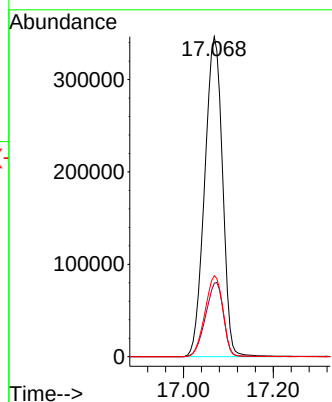
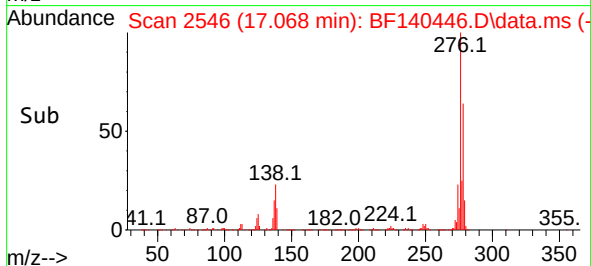


Tgt Ion:276 Resp: 95578
Ion Ratio Lower Upper
276 100
138 23.4 18.8 28.2
277 25.4 20.2 30.2

Manual Integrations

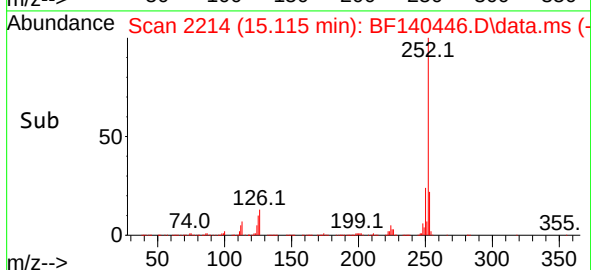
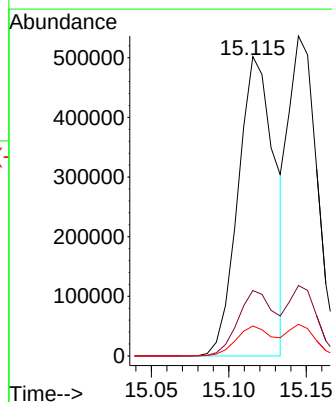
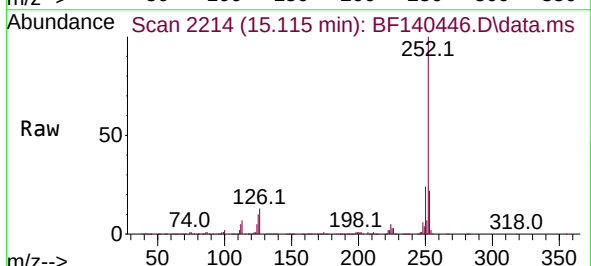
APPROVED

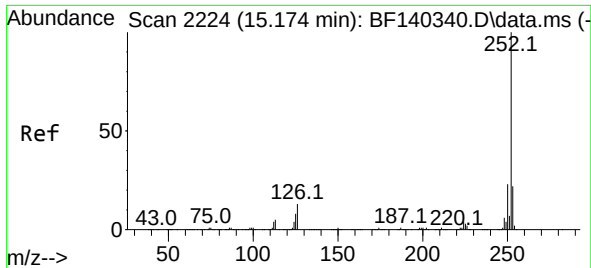
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#88
Benzo(b)fluoranthene
Concen: 40.705 ng
RT: 15.115 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:252 Resp: 824611
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 41.305 ng
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

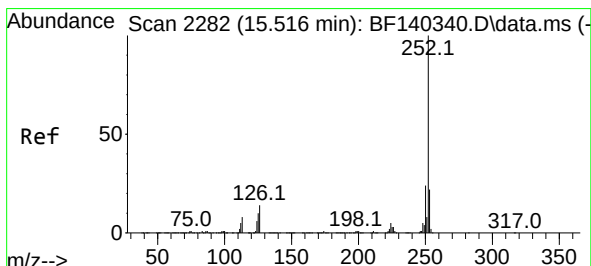
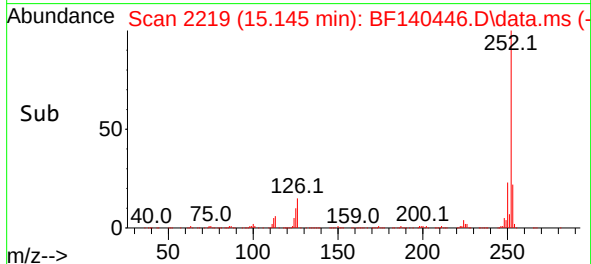
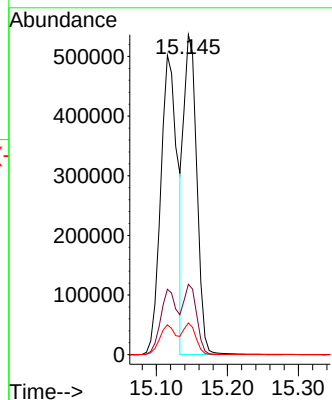
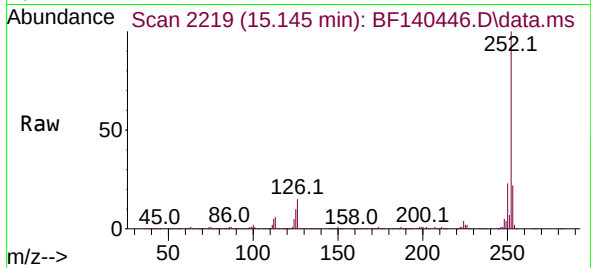
PB164846BS

Tgt Ion:252 Resp: 683584
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.9 7.4 11.2

Manual Integrations

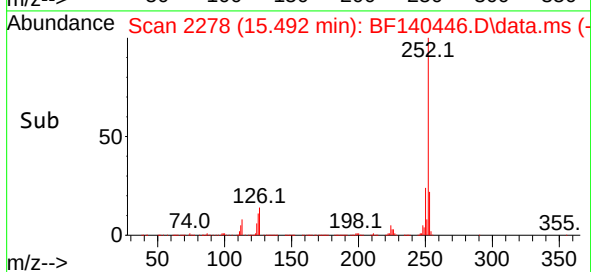
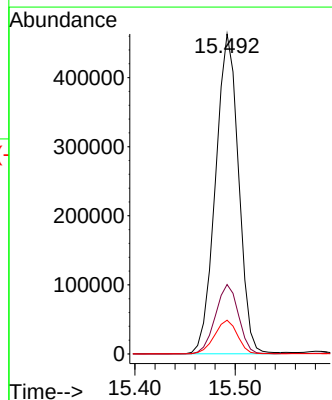
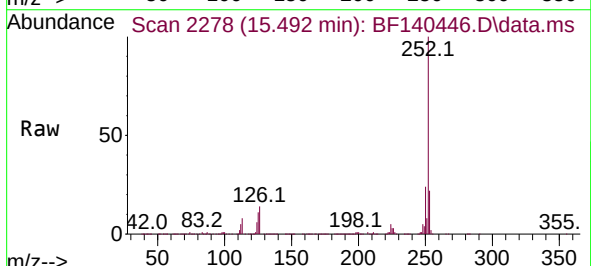
APPROVED

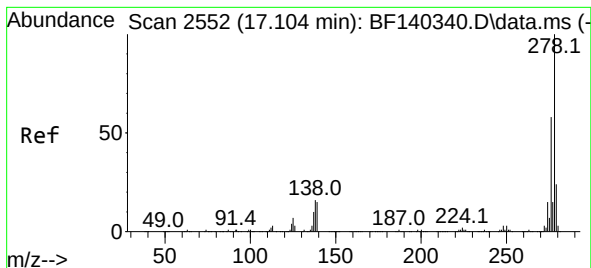
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#90
Benzo(a)pyrene
Concen: 46.995 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BF140446.D
Acq: 18 Nov 2024 11:32

Tgt Ion:252 Resp: 739316
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.5 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 49.543 ng

RT: 17.080 min Scan# 2552

Delta R.T. 0.006 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164846BS

Tgt Ion:278 Resp: 783420

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.8

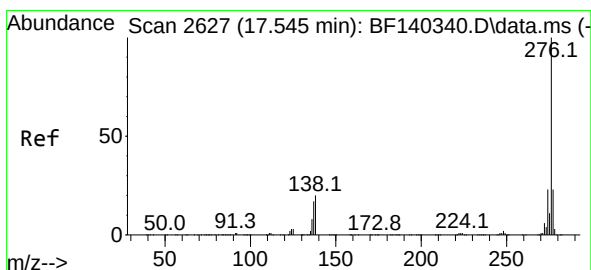
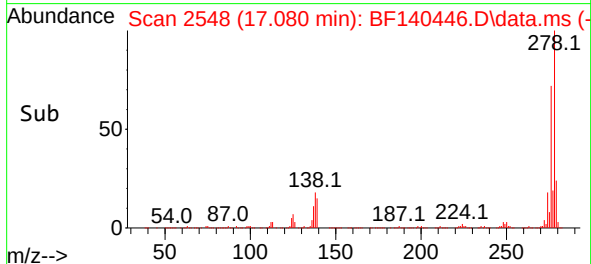
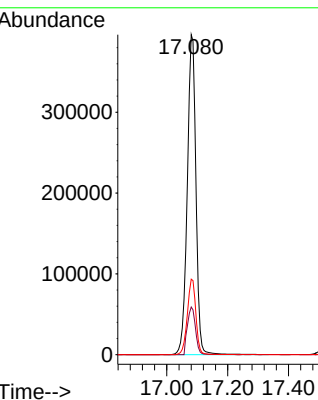
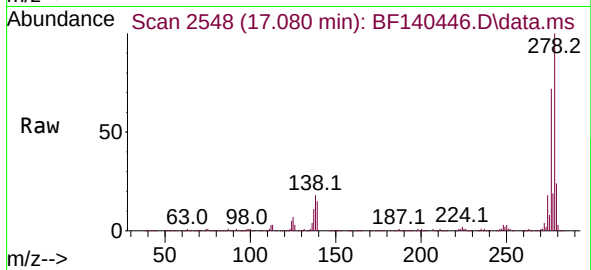
279 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#92

Benzo(g,h,i)perylene

Concen: 44.797 ng

RT: 17.521 min Scan# 2623

Delta R.T. 0.006 min

Lab File: BF140446.D

Acq: 18 Nov 2024 11:32

Tgt Ion:276 Resp: 724191

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 20.6 16.0 24.0

