

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140447.D
 Acq On : 18 Nov 2024 11:58
 Operator : RC/JU
 Sample : PB164846BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164846BSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 12:34:29 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	145420	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	559684	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	308958	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	581243	20.000	ng	0.00
76) Chrysene-d12	14.051	240	325114	20.000	ng	0.00
86) Perylene-d12	15.545	264	284093	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1076180	126.355	ng	0.02
7) Phenol-d6	6.516	99	1400041	121.328	ng	0.01
23) Nitrobenzene-d5	7.439	82	923338	85.956	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	404298	131.593	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1682238	87.529	ng	0.00
79) Terphenyl-d14	12.986	244	1867800	99.722	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	145798	38.408	ng	99
3) Pyridine	3.493	79	385293	41.286	ng	99
4) n-Nitrosodimethylamine	3.446	42	205712	43.614	ng	100
6) Aniline	6.540	93	391801	39.031	ng	# 45
8) 2-Chlorophenol	6.663	128	429419	46.936	ng	98
9) Benzaldehyde	6.428	77	49583	7.169	ng	97
10) Phenol	6.534	94	526833	43.293	ng	# 75
11) bis(2-Chloroethyl)ether	6.610	93	421887	45.755	ng	99
12) 1,3-Dichlorobenzene	6.816	146	444156	44.000	ng	99
13) 1,4-Dichlorobenzene	6.892	146	447701	43.740	ng	99
14) 1,2-Dichlorobenzene	7.045	146	429290	45.178	ng	99
15) Benzyl Alcohol	7.022	79	390233	46.938	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	565533	44.404	ng	68
17) 2-Methylphenol	7.134	107	342267	45.476	ng	93
18) Hexachloroethane	7.387	117	169487	44.791	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	309024	44.341	ng	100
20) 3+4-Methylphenols	7.287	107	423581	45.003	ng	94
22) Acetophenone	7.281	105	571412	43.897	ng	99
24) Nitrobenzene	7.457	77	480035	42.921	ng	99
25) Isophorone	7.692	82	853441	44.828	ng	100
26) 2-Nitrophenol	7.775	139	232910	46.929	ng	98
27) 2,4-Dimethylphenol	7.810	122	348177	54.796	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	525211	44.991	ng	100
29) 2,4-Dichlorophenol	8.016	162	357639	45.543	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	379026	43.353	ng	99
31) Naphthalene	8.175	128	1246423	43.901	ng	100
32) Benzoic acid	7.939	122	244574	43.744	ng	97
33) 4-Chloroaniline	8.228	127	219835	22.264	ng	99
34) Hexachlorobutadiene	8.292	225	243160	43.652	ng	99
35) Caprolactam	8.598	113	114202m	43.756	ng	
36) 4-Chloro-3-methylphenol	8.716	107	389864	44.800	ng	98
37) 2-Methylnaphthalene	8.869	142	816319	44.840	ng	99
38) 1-Methylnaphthalene	8.969	142	761299	42.704	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	387962	45.409	ng	99
41) Hexachlorocyclopentadiene	9.022	237	398486	181.657	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	257007	45.838	ng	99

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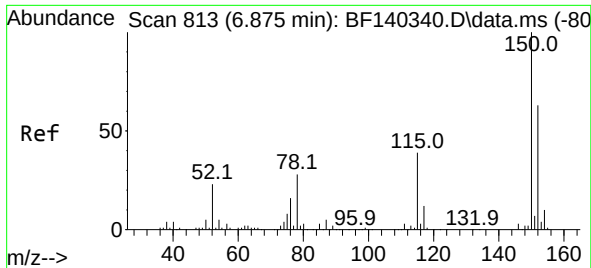
Manual Integrations
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Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	271362	44.267	ng	98
46) 1,1'-Biphenyl	9.333	154	1010408	44.954	ng	99
47) 2-Chloronaphthalene	9.357	162	754929	44.092	ng	99
48) 2-Nitroaniline	9.457	65	256925	45.247	ng	99
49) Acenaphthylene	9.775	152	1249493	48.233	ng	100
50) Dimethylphthalate	9.633	163	927208	46.042	ng	99
51) 2,6-Dinitrotoluene	9.698	165	198478	43.232	ng	100
52) Acenaphthene	9.945	154	891897m	50.975	ng	
53) 3-Nitroaniline	9.869	138	137100	28.436	ng	99
54) 2,4-Dinitrophenol	9.980	184	229743	97.040	ng	99
55) Dibenzofuran	10.122	168	1124399	45.395	ng	100
56) 4-Nitrophenol	10.045	139	308272	87.657	ng	98
57) 2,4-Dinitrotoluene	10.104	165	275544	45.603	ng	98
58) Fluorene	10.463	166	868200	44.370	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	230652	47.652	ng	99
60) Diethylphthalate	10.333	149	933678	45.341	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	431231	44.640	ng	100
62) 4-Nitroaniline	10.486	138	215906	43.796	ng	98
63) Azobenzene	10.616	77	914747	44.959	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	157620	50.403	ng	98
66) n-Nitrosodiphenylamine	10.575	169	771009	45.910	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	261987	45.091	ng	99
68) Hexachlorobenzene	11.010	284	296988	45.430	ng	100
69) Atrazine	11.104	200	261734	51.512	ng	100
70) Pentachlorophenol	11.210	266	308690	87.661	ng	99
71) Phenanthrene	11.427	178	1253307	45.902	ng	100
72) Anthracene	11.480	178	1280432	47.849	ng	100
73) Carbazole	11.633	167	1181642	44.721	ng	100
74) Di-n-butylphthalate	11.957	149	1462532	46.118	ng	100
75) Fluoranthene	12.621	202	1360302	44.406	ng	100
77) Benzidine	12.739	184	344154	27.581	ng	99
78) Pyrene	12.851	202	1371060	49.302	ng	100
80) Butylbenzylphthalate	13.463	149	551247	51.601	ng	96
81) Benzo(a)anthracene	14.039	228	995805	46.604	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	209137	30.794	ng	99
83) Chrysene	14.080	228	923689	47.379	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	715477	50.176	ng	99
85) Di-n-octyl phthalate	14.645	149	962272	47.915	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	911905	51.963	ng	99
88) Benzo(b)fluoranthene	15.110	252	747769	40.237	ng	99
89) Benzo(k)fluoranthene	15.139	252	746427	49.166	ng	100
90) Benzo(a)pyrene	15.480	252	719976	49.889	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	743925	51.284	ng	99
92) Benzo(g,h,i)perylene	17.509	276	693632	46.772	ng	98

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



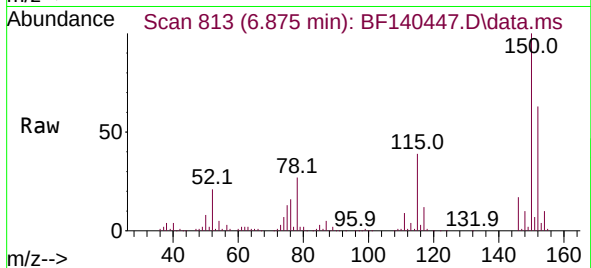
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

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PB164846BSD



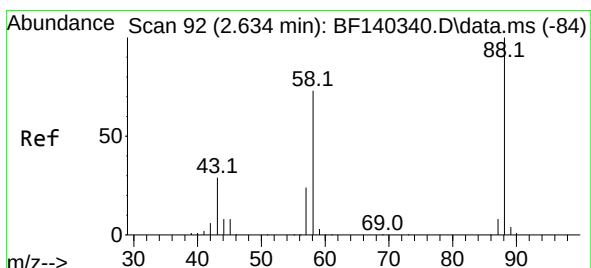
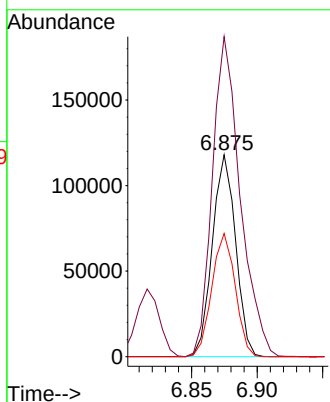
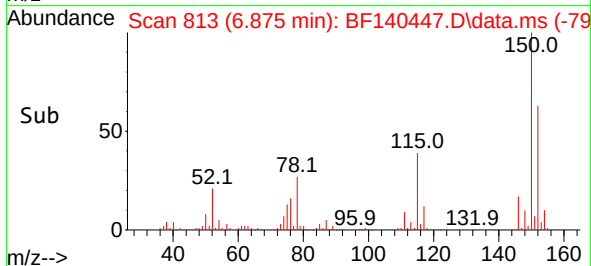
Tgt Ion:152 Resp: 145420
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 61.0 47.4 71.2

Manual Integrations

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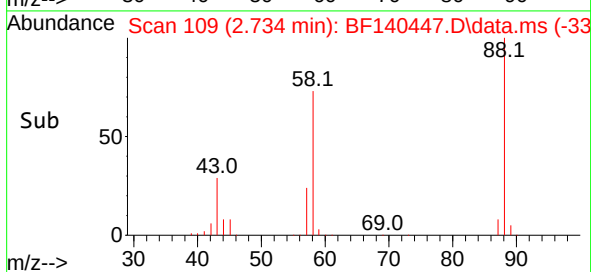
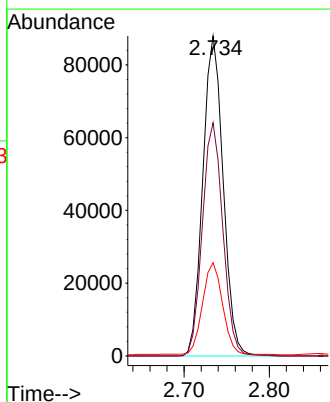
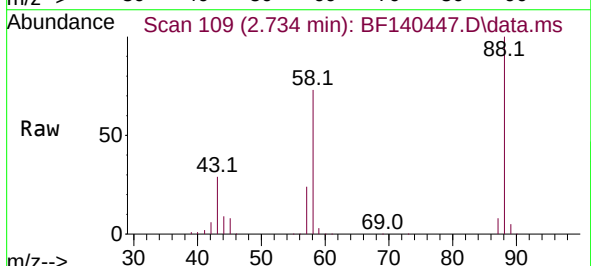
Reviewed By :Yogesh Patel 11/19/2024

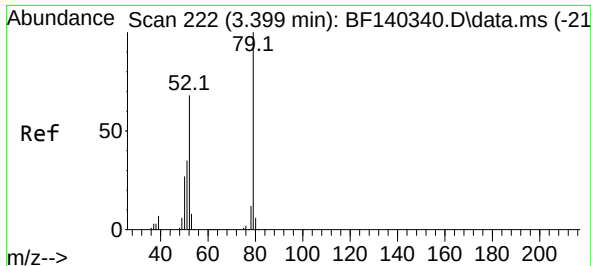
Supervised By :mohammad ahmed 11/19/2024



#2
1,4-Dioxane
Concen: 38.408 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion: 88 Resp: 145798
Ion Ratio Lower Upper
88 100
58 73.3 59.5 89.3
43 28.8 23.4 35.2





#3

Pyridine

Concen: 41.286 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

Tgt Ion: 79 Resp: 38529

Ion Ratio Lower Upper

79 100

52 66.7 53.8 80.6

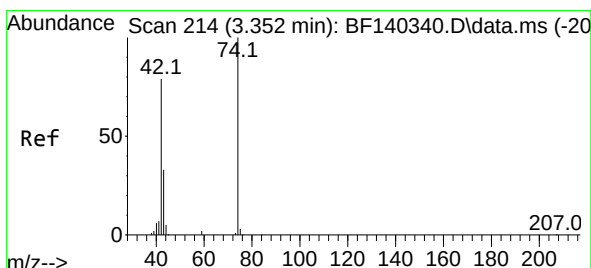
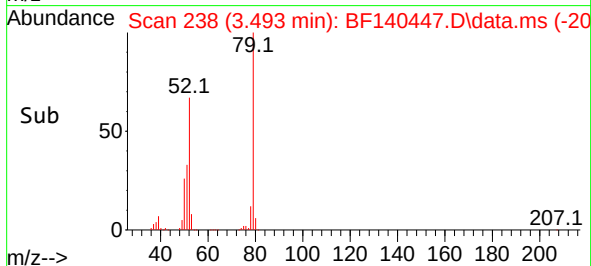
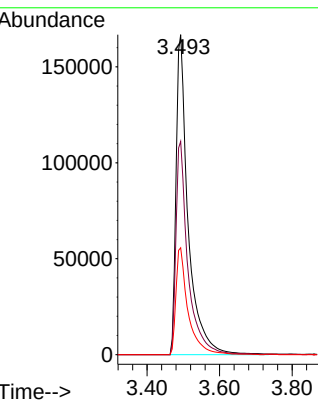
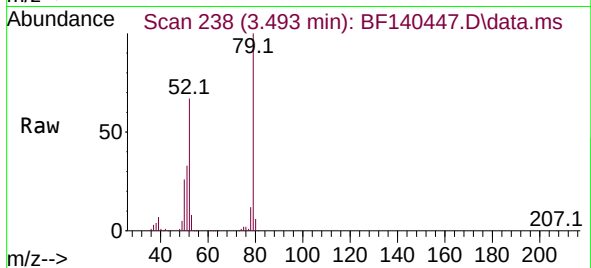
51 33.4 27.3 40.9

Manual Integrations

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Supervised By :mohammad ahmed 11/19/2024



#4

n-Nitrosodimethylamine

Concen: 43.614 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.088 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

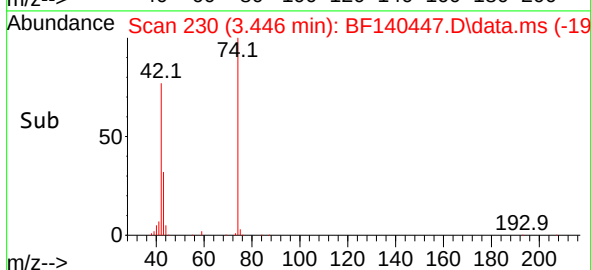
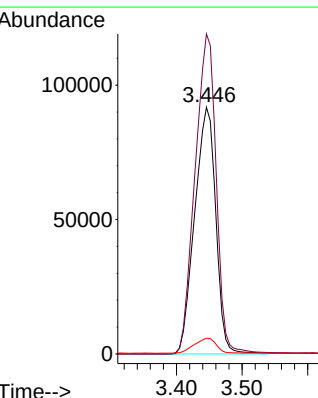
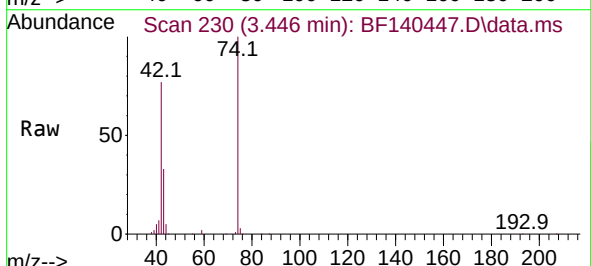
Tgt Ion: 42 Resp: 205712

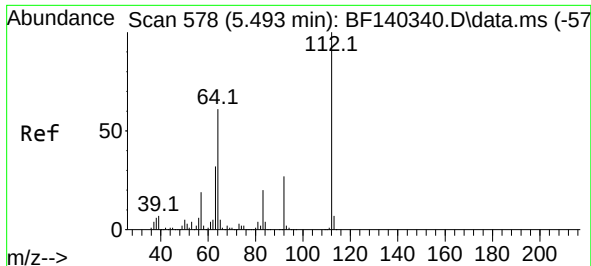
Ion Ratio Lower Upper

42 100

74 129.7 103.5 155.3

44 6.4 5.1 7.7





#5
2-Fluorophenol
Concen: 126.355 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

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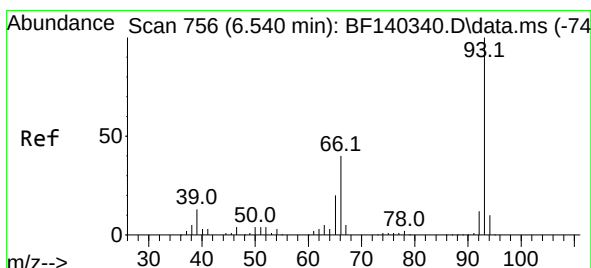
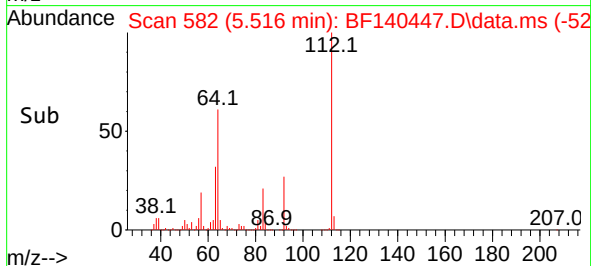
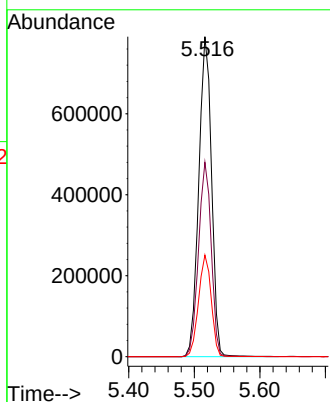
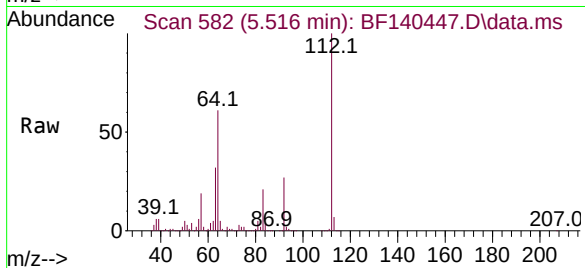
Tgt Ion:112 Resp: 1076180
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 31.8 25.6 38.4

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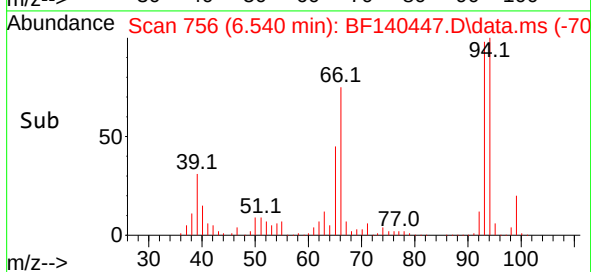
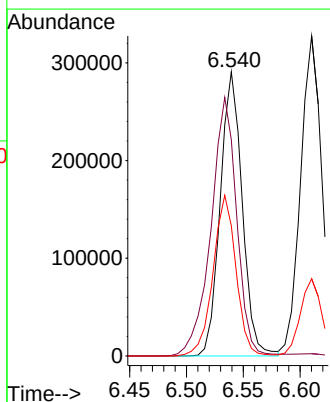
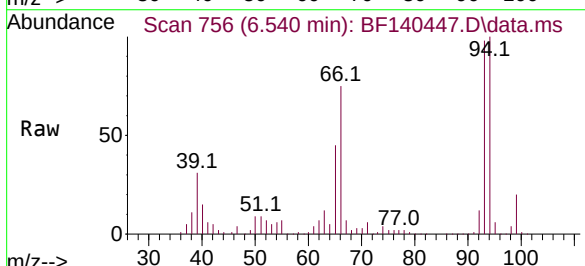
Reviewed By :Yogesh Patel 11/19/2024

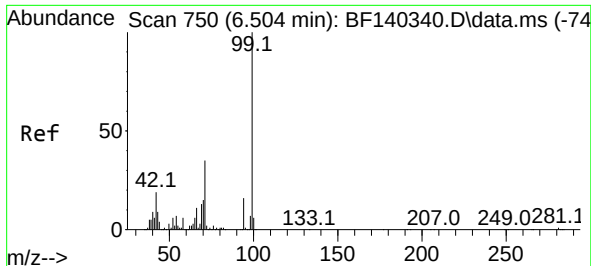
Supervised By :mohammad ahmed 11/19/2024



#6
Aniline
Concen: 39.031 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

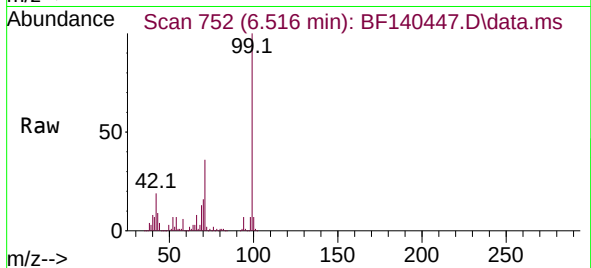
Tgt Ion: 93 Resp: 391801
Ion Ratio Lower Upper
93 100
66 76.0 32.8 49.2#
65 45.8 16.6 25.0#





#7
Phenol-d6
Concen: 121.328 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

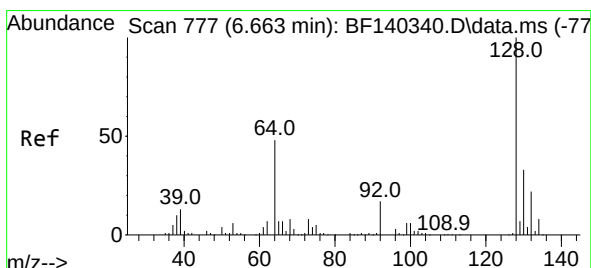
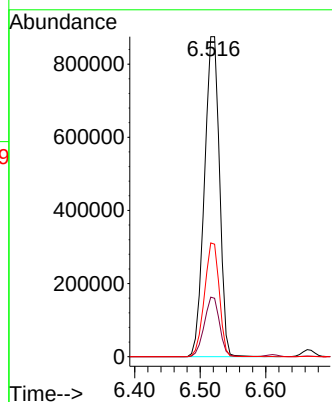
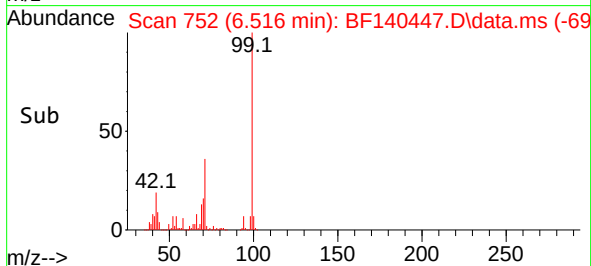
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 140004
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 35.5 27.9 41.9

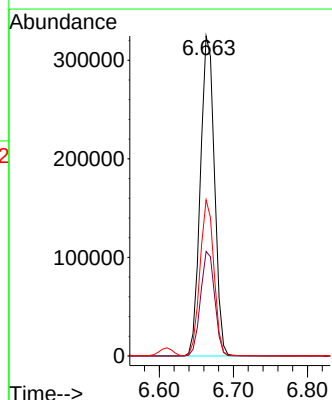
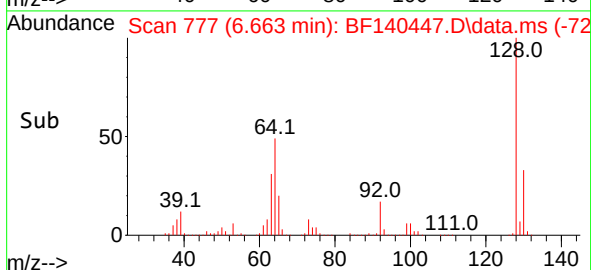
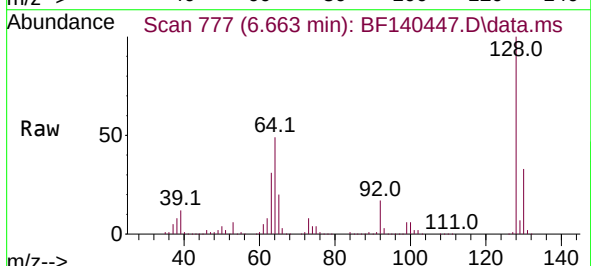
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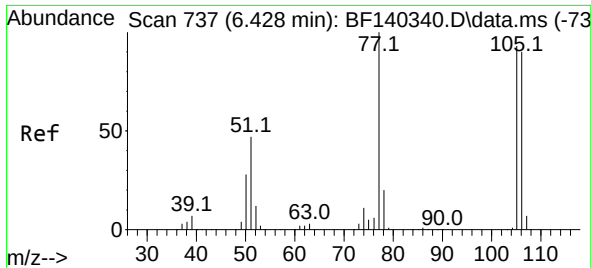
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#8
2-Chlorophenol
Concen: 46.936 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:128 Resp: 429419
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 48.8 30.2 70.2





#9
Benzaldehyde
Concen: 7.169 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

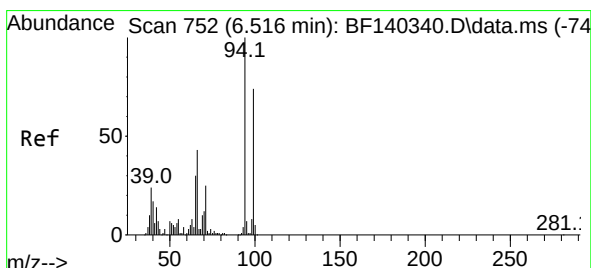
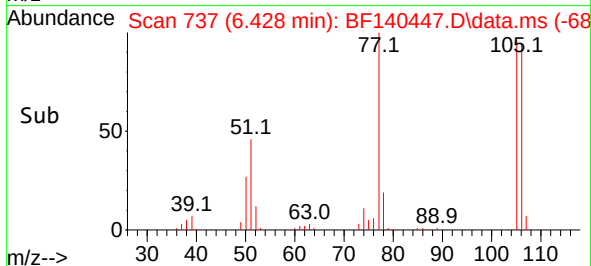
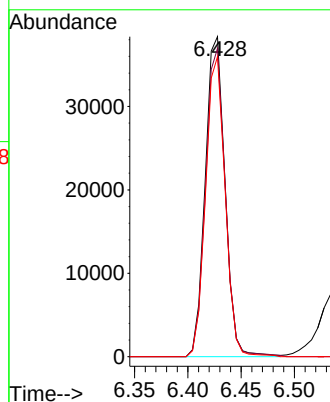
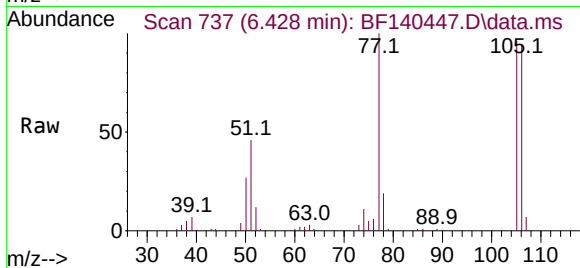
ClientSampleId :

PB164846BSD

Tgt Ion: 77 Resp: 4958
Ion Ratio Lower Upper
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105 96.3 74.4 114.4
106 93.8 69.9 109.9

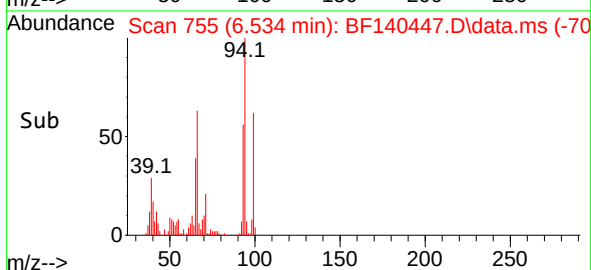
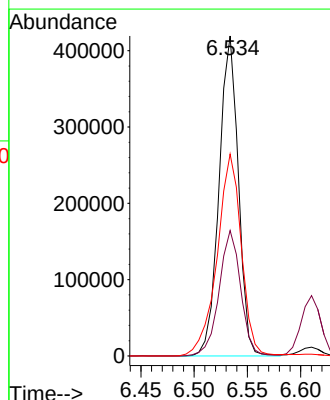
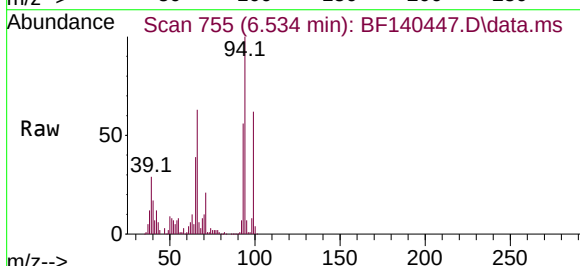
Manual Integrations
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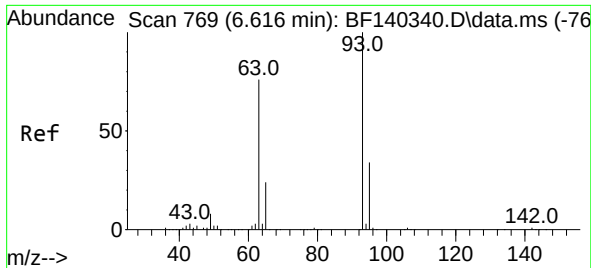
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#10
Phenol
Concen: 43.293 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion: 94 Resp: 526833
Ion Ratio Lower Upper
94 100
65 39.2 10.4 50.4
66 63.1 22.9 62.9





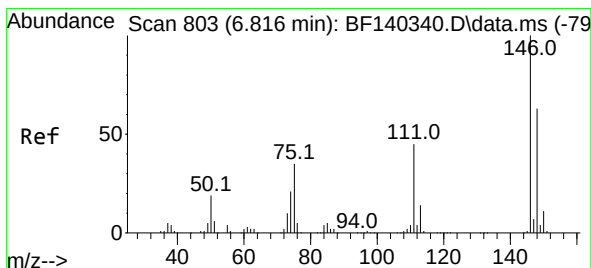
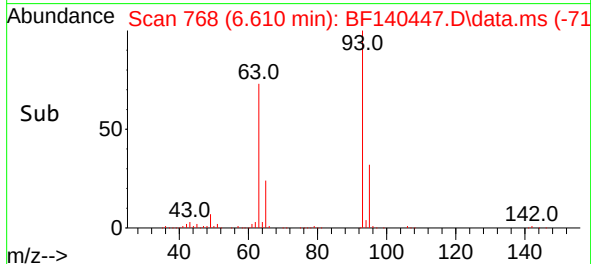
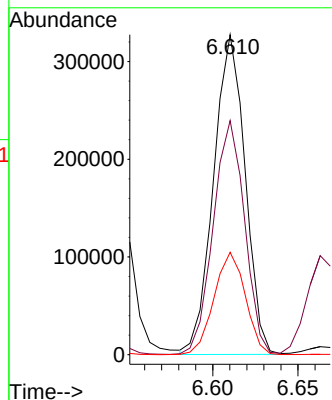
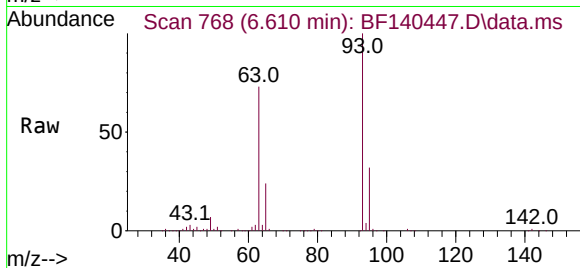
#11
bis(2-Chloroethyl)ether
Concen: 45.755 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB164846BSD

Tgt Ion: 93 Resp: 42188
Ion Ratio Lower Upper
93 100
63 73.2 54.0 94.0
95 32.0 12.9 52.9

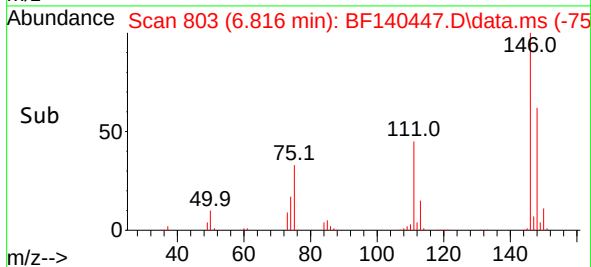
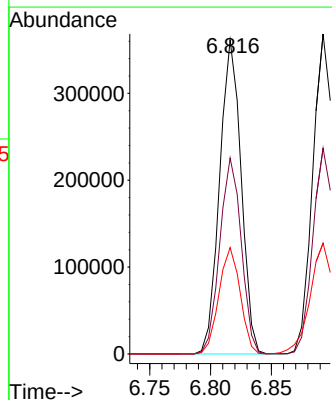
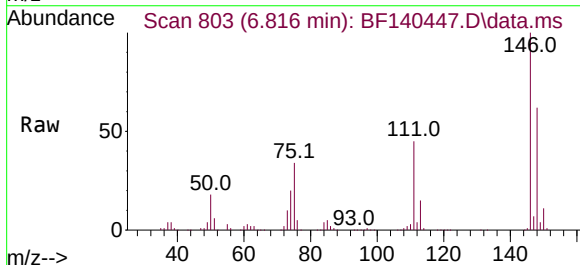
Manual Integrations
APPROVED

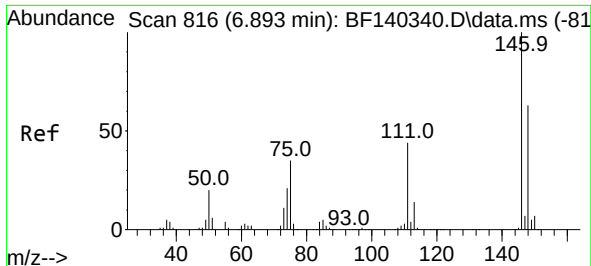
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#12
1,3-Dichlorobenzene
Concen: 44.000 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:146 Resp: 444156
Ion Ratio Lower Upper
146 100
148 62.4 50.7 76.1
75 33.9 26.4 39.6





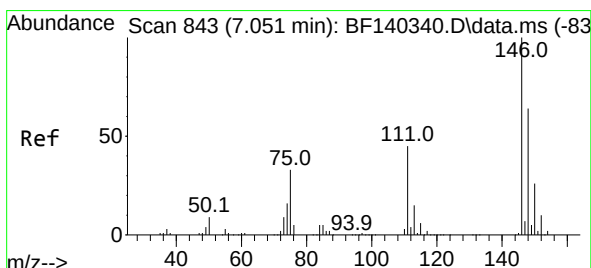
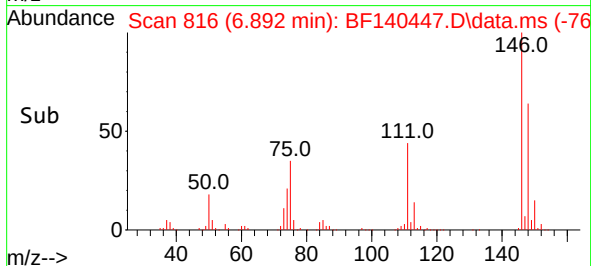
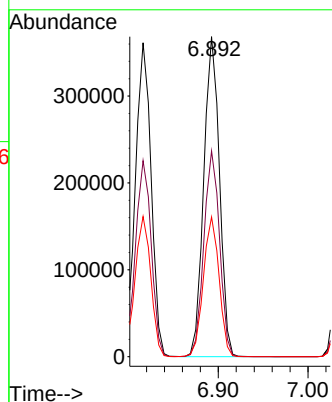
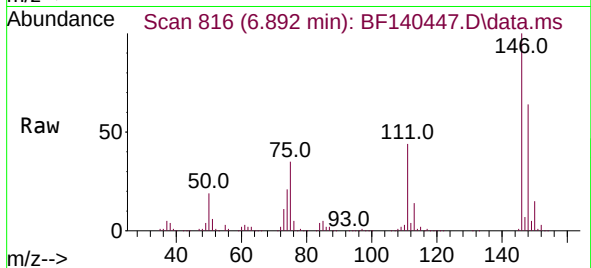
#13
1,4-Dichlorobenzene
Concen: 43.740 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB164846BSD

Tgt Ion:146 Resp: 44770
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 43.6 34.2 51.2

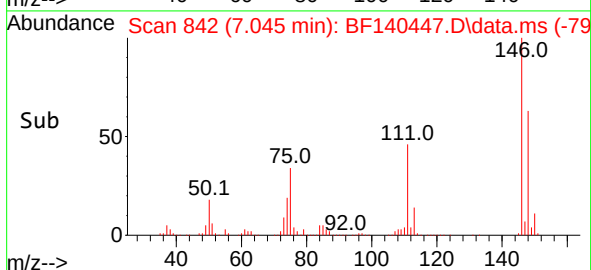
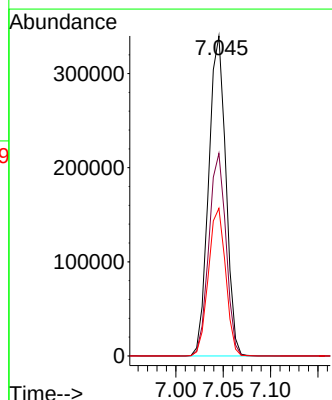
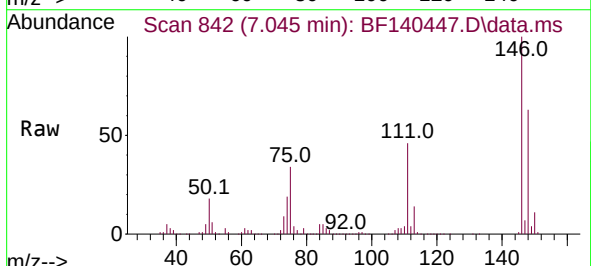
Manual Integrations
APPROVED

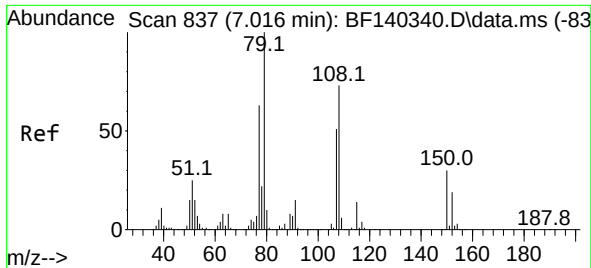
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#14
1,2-Dichlorobenzene
Concen: 45.178 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

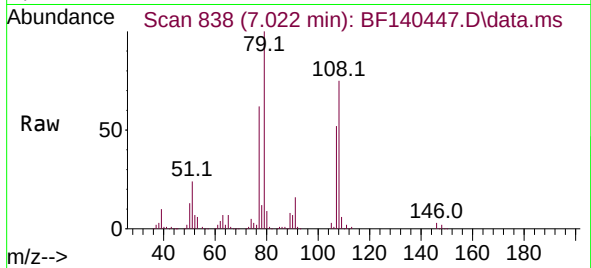
Tgt Ion:146 Resp: 429290
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 46.2 36.5 54.7





#15
Benzyl Alcohol
Concen: 46.938 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

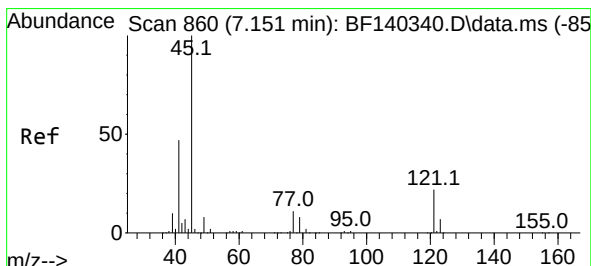
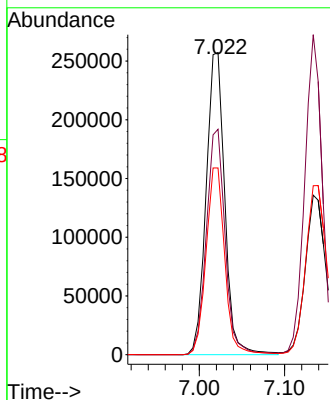
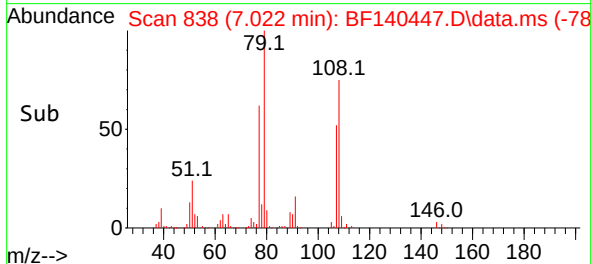
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



Tgt Ion: 79 Resp: 39023
Ion Ratio Lower Upper
79 100
108 74.6 57.8 86.6
77 61.8 49.8 74.6

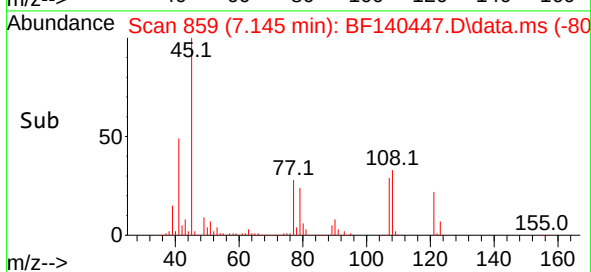
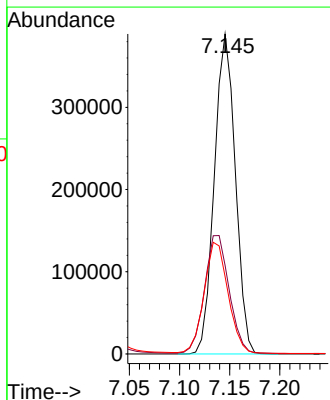
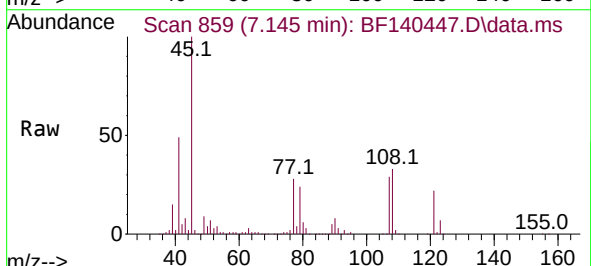
Manual Integrations
APPROVED

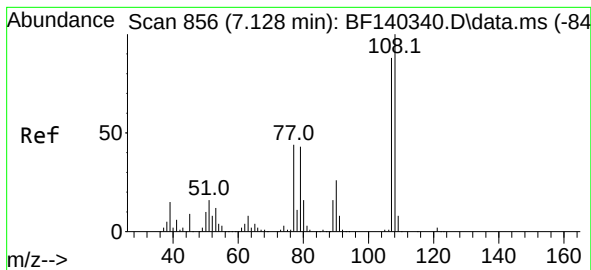
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.404 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion: 45 Resp: 565533
Ion Ratio Lower Upper
45 100
77 27.7 0.0 34.8
79 24.2 0.0 31.4





#17

2-Methylphenol

Concen: 45.476 ng

RT: 7.134 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

Tgt Ion:107 Resp: 34226

Ion Ratio Lower Upper

107 100

108 112.6 91.9 137.9

77 59.5 39.7 59.5

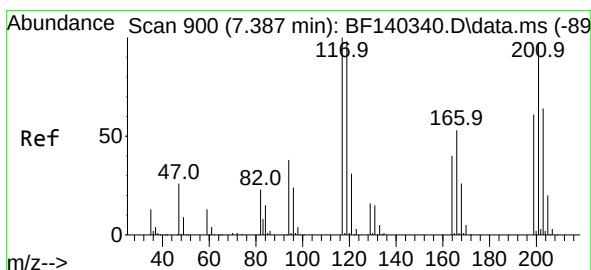
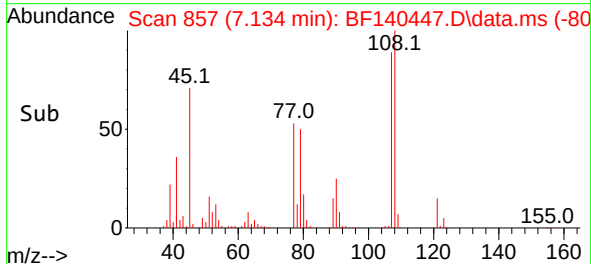
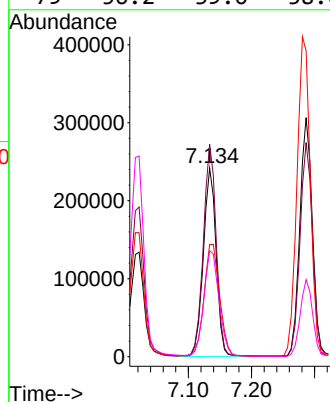
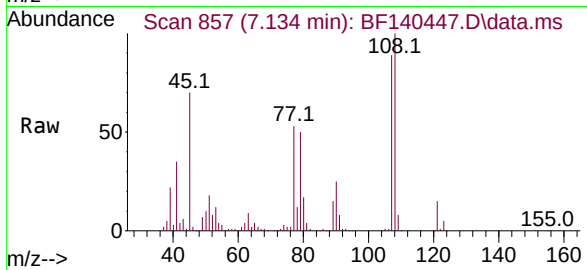
79 56.2 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#18

Hexachloroethane

Concen: 44.791 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

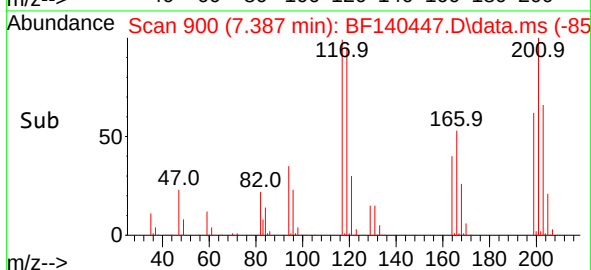
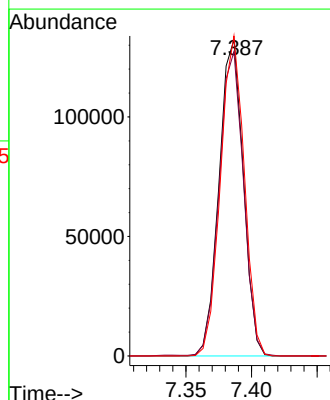
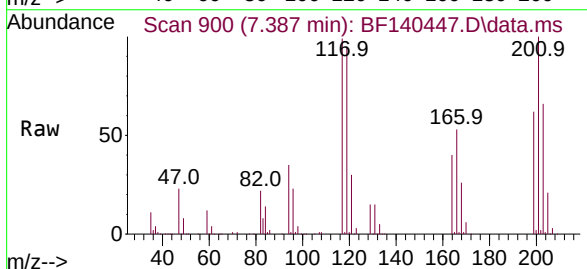
Tgt Ion:117 Resp: 169487

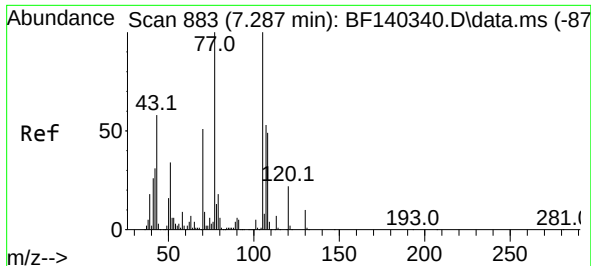
Ion Ratio Lower Upper

117 100

119 96.2 76.9 115.3

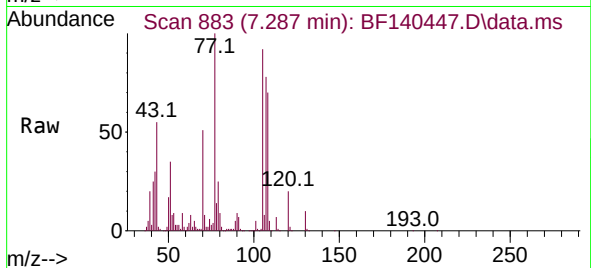
201 101.2 80.2 120.4





#19
n-Nitroso-di-n-propylamine
Concen: 44.341 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

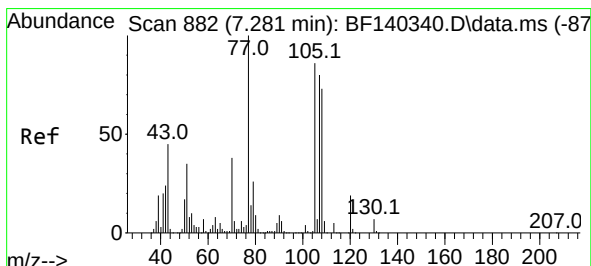
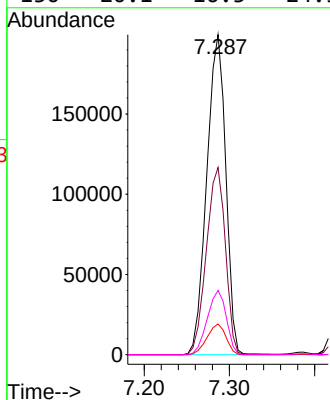
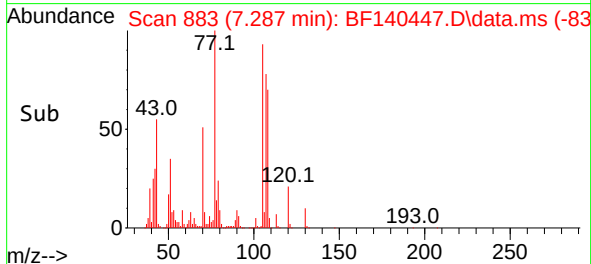
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



Tgt Ion:	70	Resp:	309024
Ion Ratio	70	100	
Lower	42	58.5	46.8
Upper	101	9.6	7.5
	130	20.1	16.3

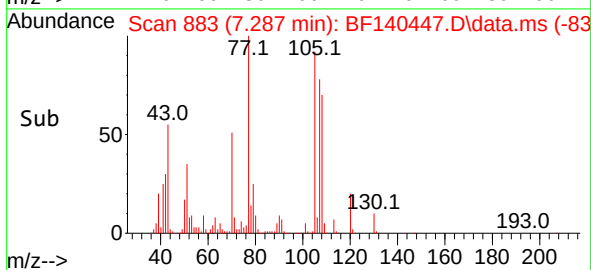
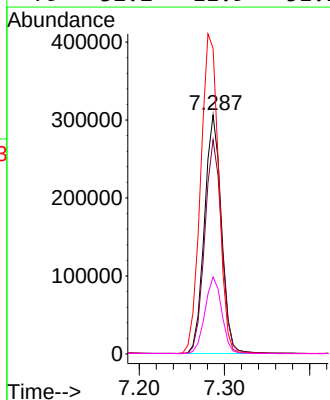
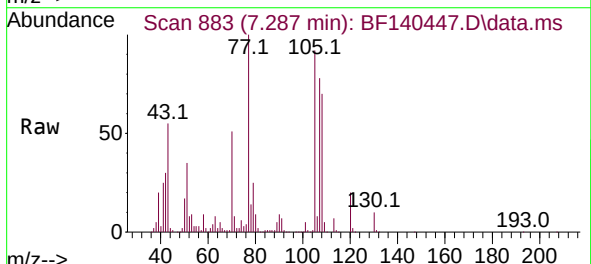
Manual Integrations
APPROVED

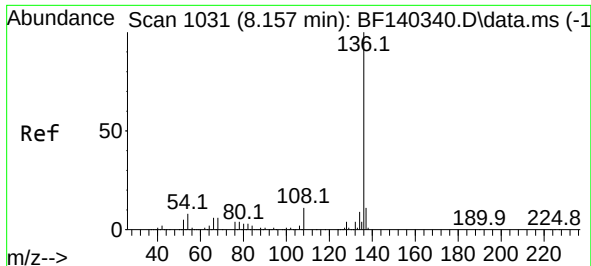
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#20
3+4-Methylphenols
Concen: 45.003 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:	107	Resp:	423581
Ion Ratio	107	100	
Lower	108	89.6	71.4
Upper	77	127.9	97.0
	79	32.2	11.9





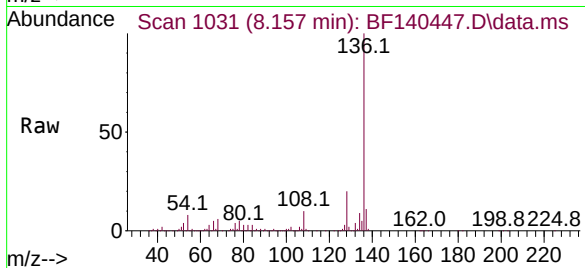
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD



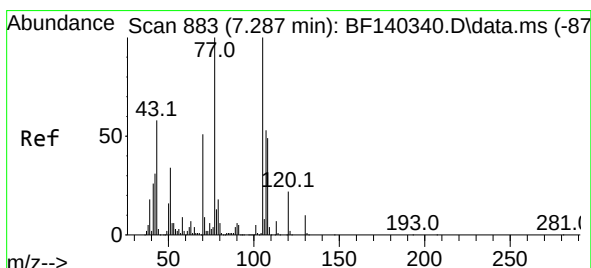
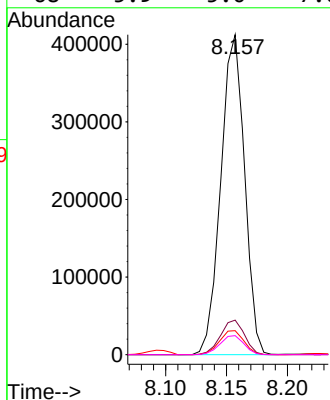
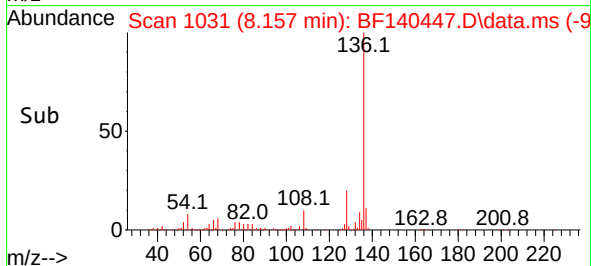
Tgt Ion:136 Resp: 559684
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 6.5 9.7
68 5.9 5.0 7.6

Manual Integrations

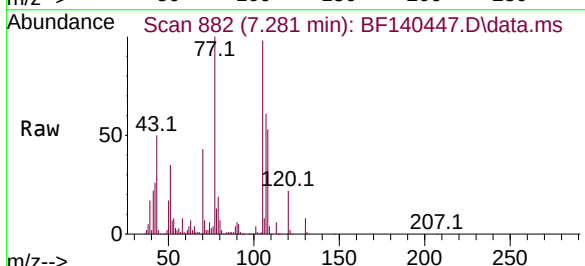
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

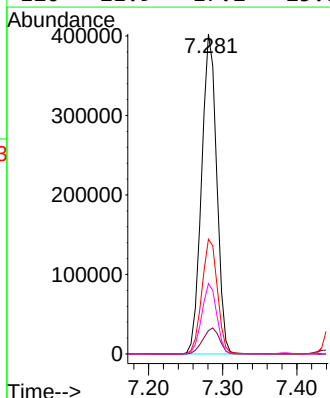
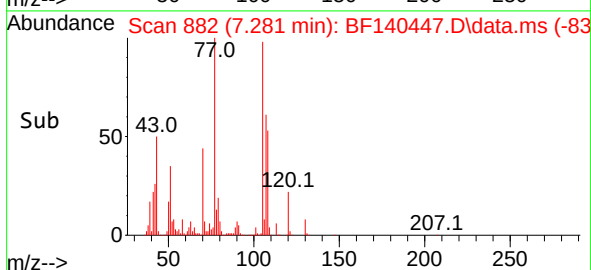
Supervised By :mohammad ahmed 11/19/2024

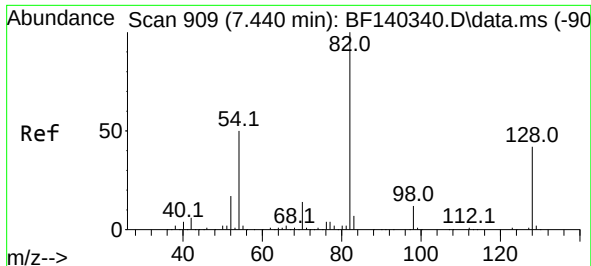


#22
Acetophenone
Concen: 43.897 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



Tgt Ion:105 Resp: 571412
Ion Ratio Lower Upper
105 100
71 7.3 6.9 10.3
51 35.9 28.6 43.0
120 21.9 17.2 25.8





#23

Nitrobenzene-d5

Concen: 85.956 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

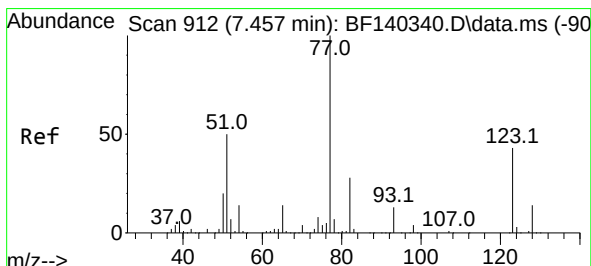
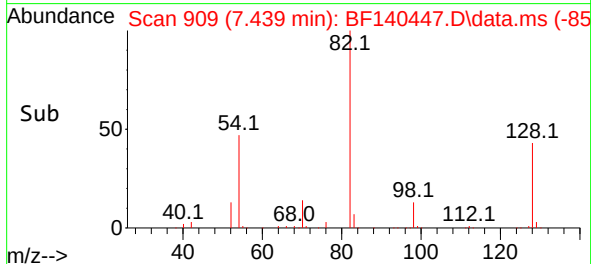
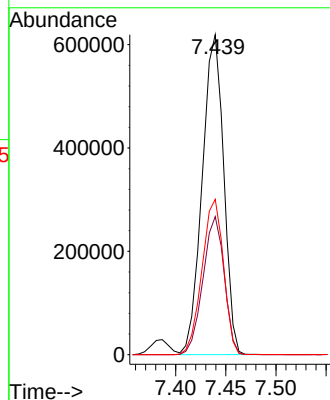
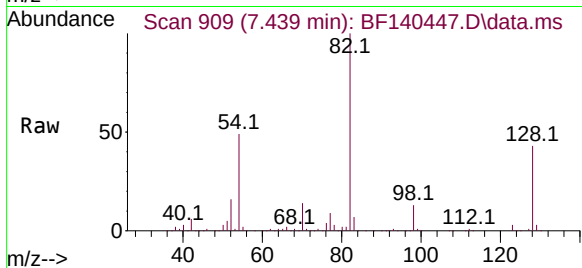
PB164846BSD

Tgt Ion: 82 Resp: 923338
 Ion Ratio Lower Upper
 82 100
 128 43.2 33.3 49.9
 54 48.5 39.8 59.8

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 42.921 ng

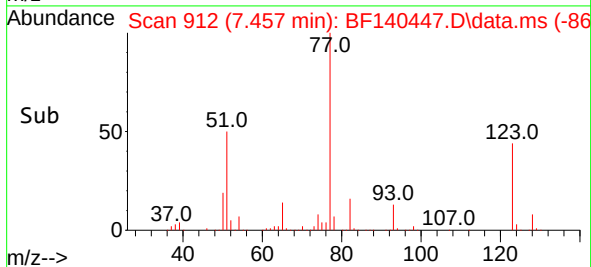
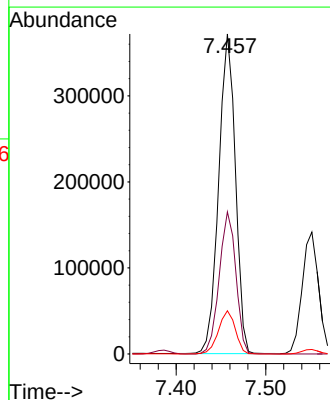
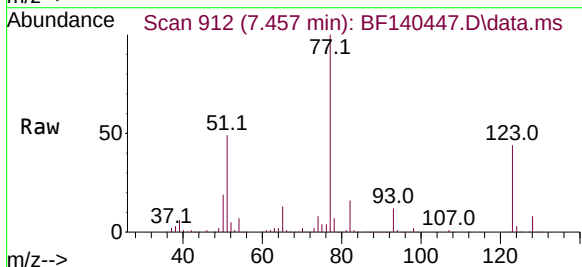
RT: 7.457 min Scan# 912

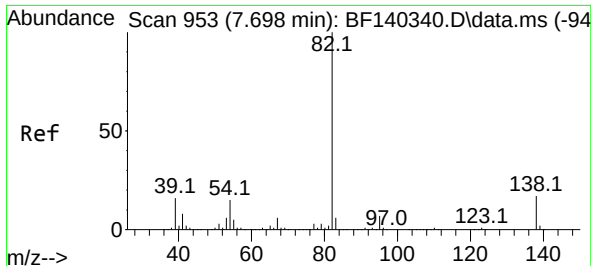
Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Tgt Ion: 77 Resp: 480035
 Ion Ratio Lower Upper
 77 100
 123 44.4 35.4 53.0
 65 13.5 11.1 16.7





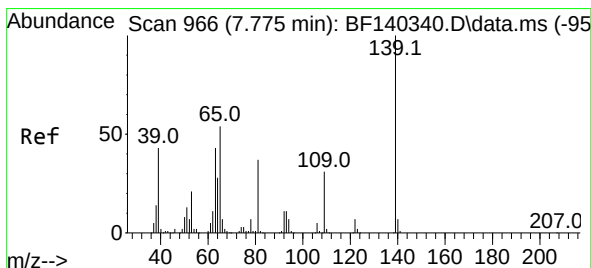
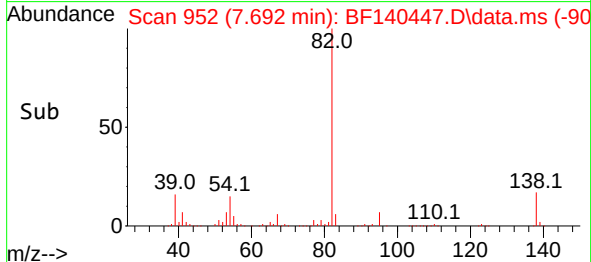
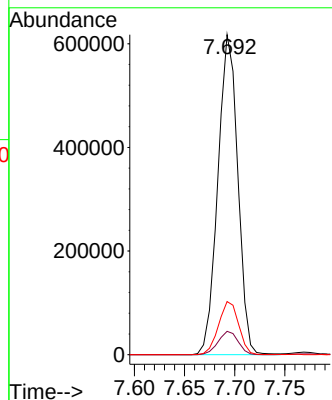
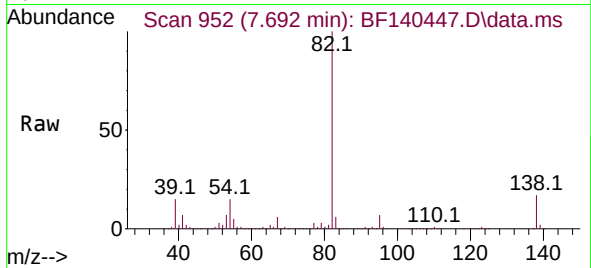
#25
Isophorone
Concen: 44.828 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB164846BSD

Tgt Ion: 82 Resp: 85344
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.6 13.4 20.2

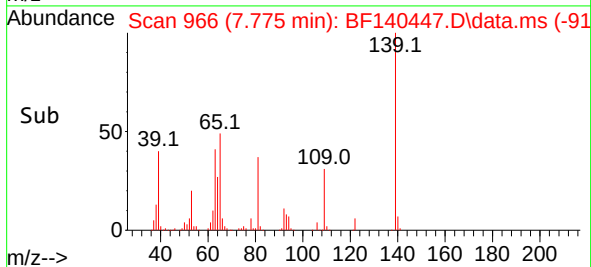
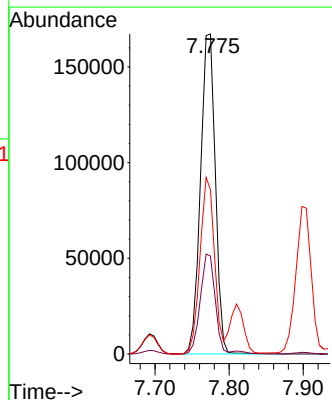
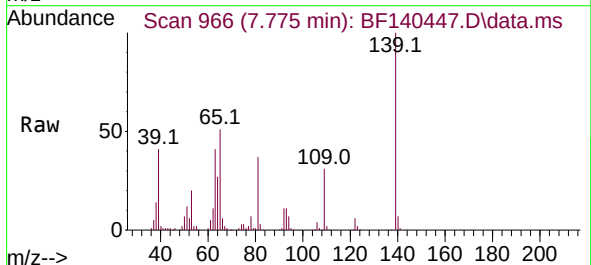
Manual Integrations
APPROVED

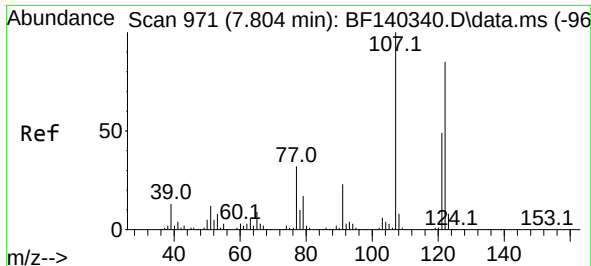
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#26
2-Nitrophenol
Concen: 46.929 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:139 Resp: 232910
Ion Ratio Lower Upper
139 100
109 30.6 24.4 36.6
65 51.4 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 54.796 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

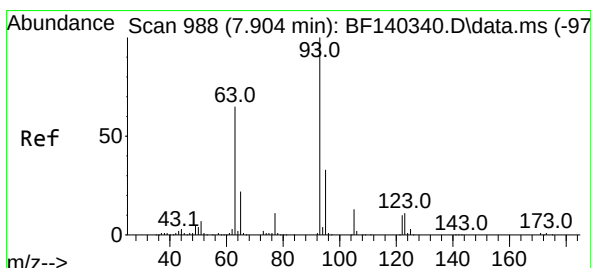
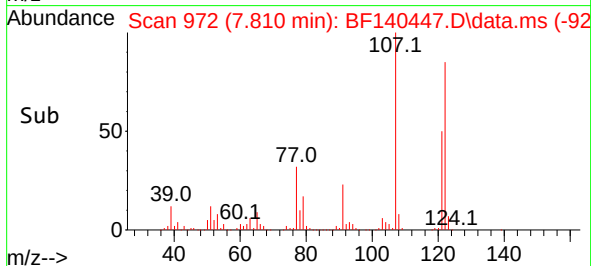
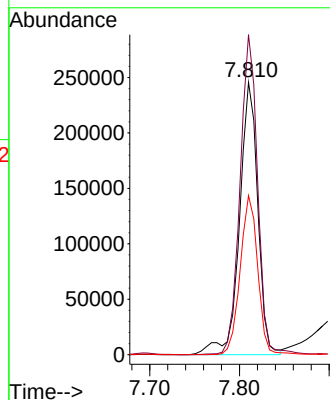
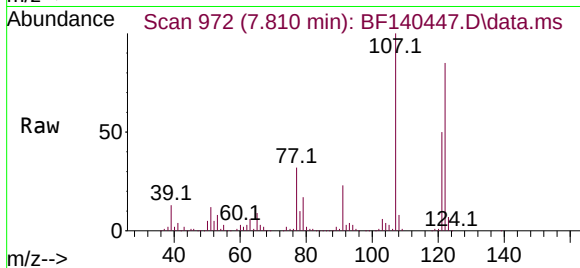
PB164846BSD

Tgt Ion:122 Resp: 34817
Ion Ratio Lower Upper
122 100
107 117.5 91.3 136.9
121 58.4 45.5 68.3

Manual Integrations

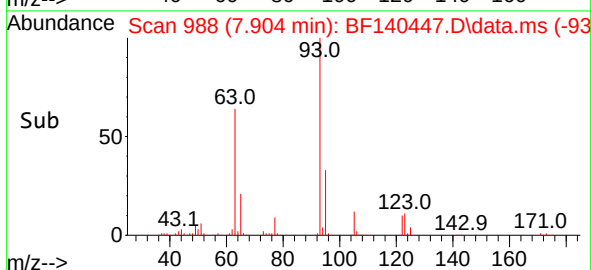
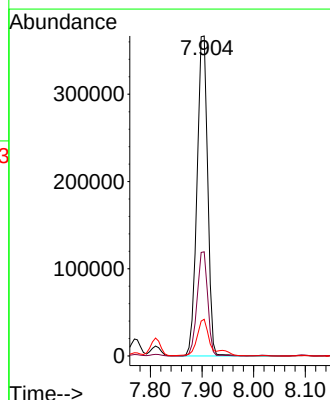
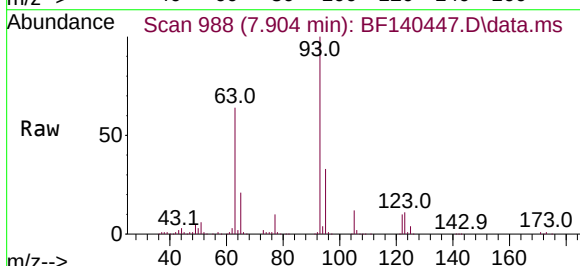
APPROVED

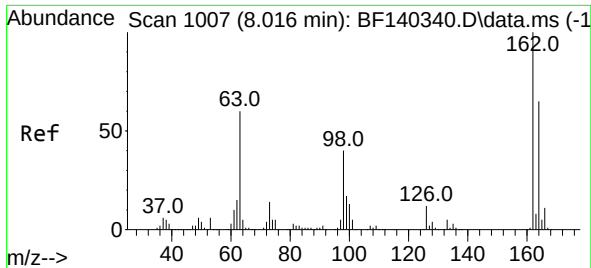
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.991 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion: 93 Resp: 525211
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.543 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

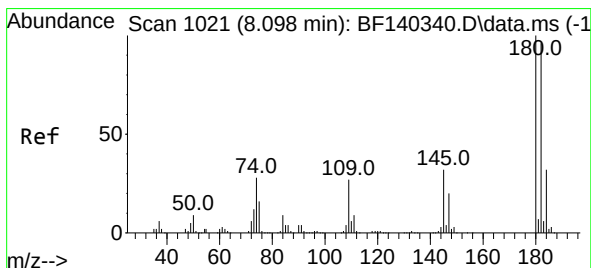
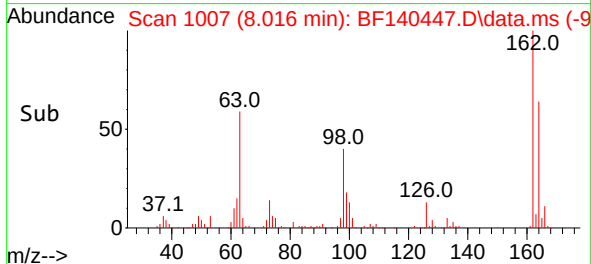
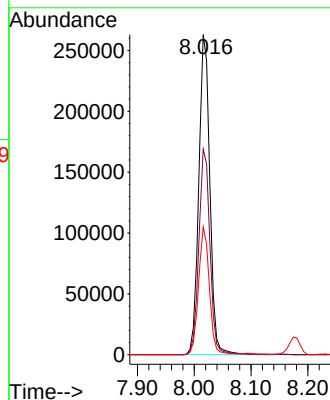
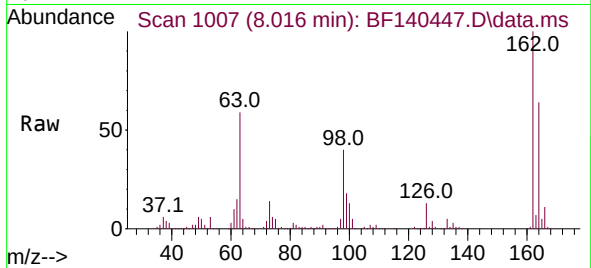
Tgt Ion:162 Resp: 357639
 Ion Ratio Lower Upper
 162 100
 164 64.3 45.4 85.4
 98 39.9 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.353 ng

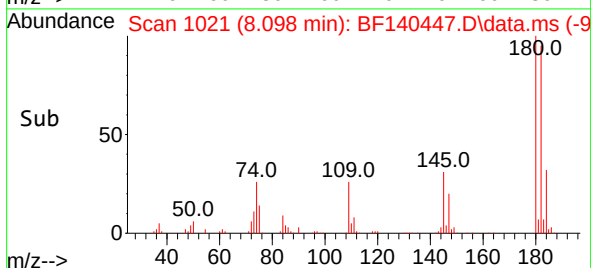
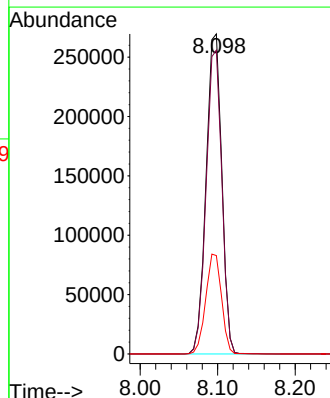
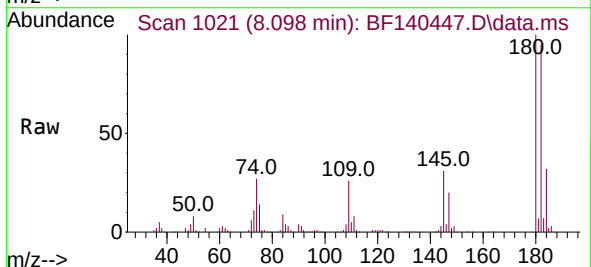
RT: 8.098 min Scan# 1021

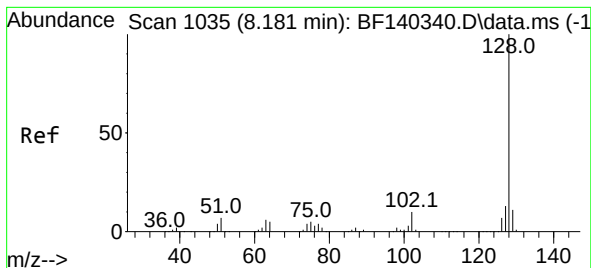
Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Tgt Ion:180 Resp: 379026
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.5 114.7
 145 30.7 25.3 37.9





#31

Naphthalene

Concen: 43.901 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

Tgt Ion:128 Resp: 124642

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

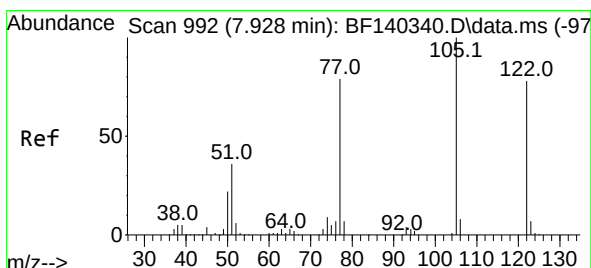
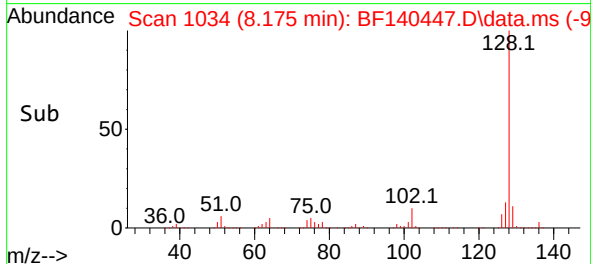
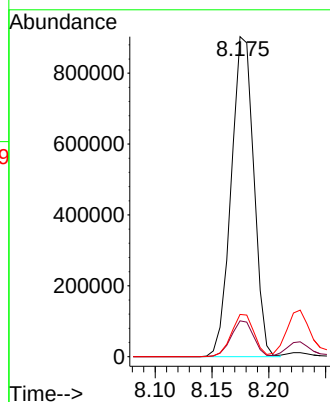
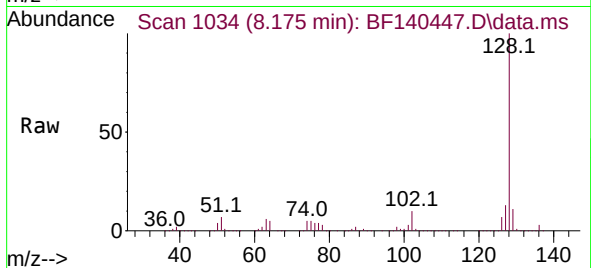
127 13.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#32

Benzoic acid

Concen: 43.744 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.012 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

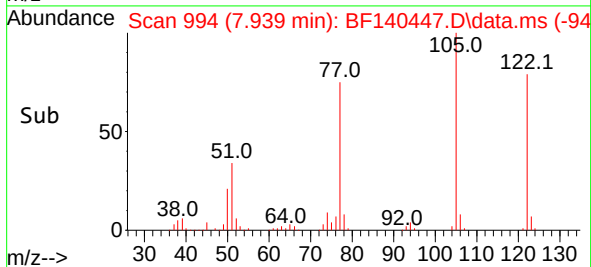
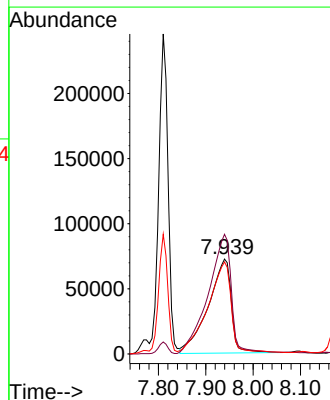
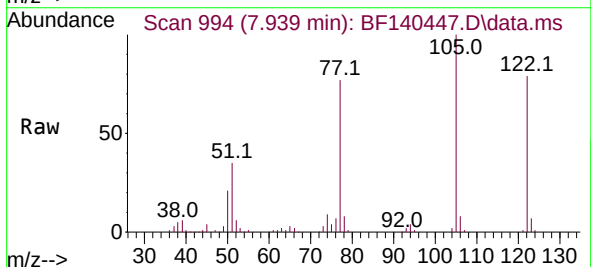
Tgt Ion:122 Resp: 244574

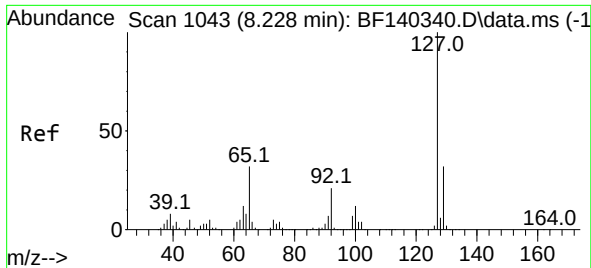
Ion Ratio Lower Upper

122 100

105 126.2 100.9 140.9

77 97.0 76.0 116.0





#33
4-Chloroaniline
Concen: 22.264 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

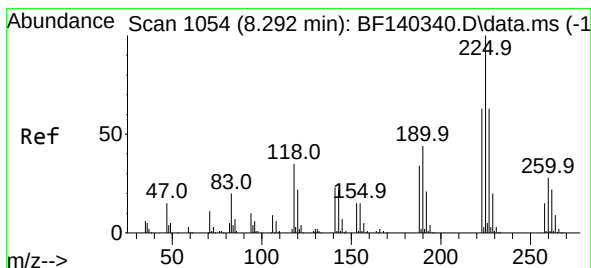
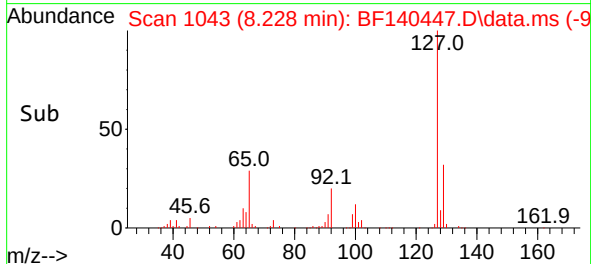
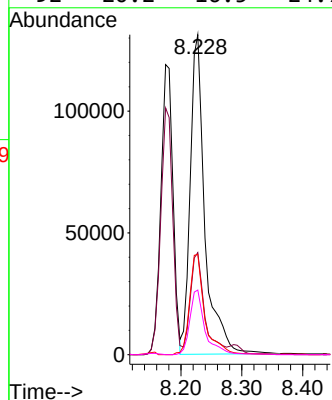
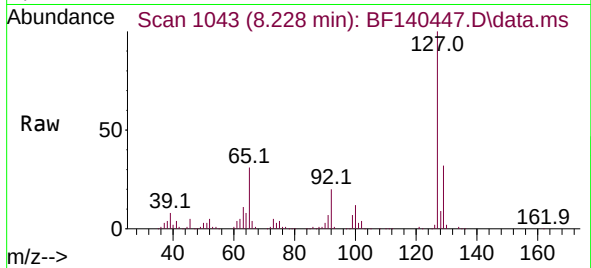
PB164846BSD

Tgt Ion:127 Resp: 21983
Ion Ratio Lower Upper
127 100
129 31.9 26.2 39.4
65 31.4 25.8 38.6
92 20.2 16.5 24.7

Manual Integrations

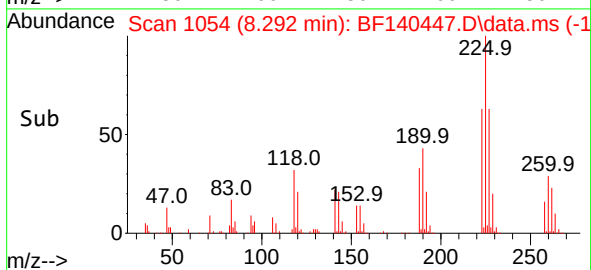
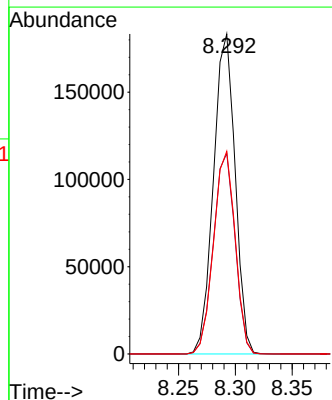
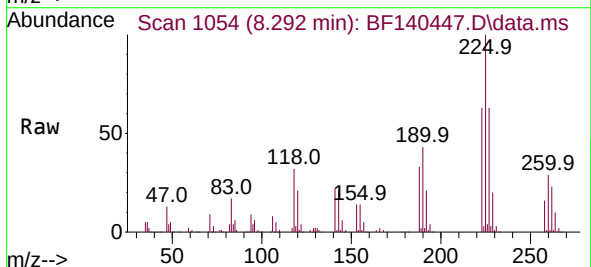
APPROVED

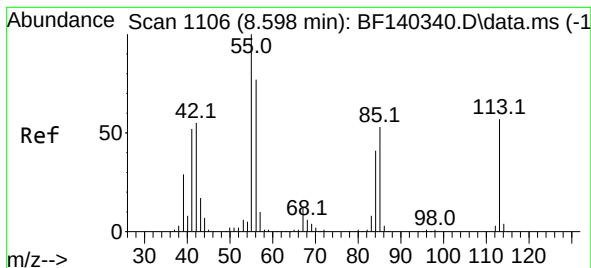
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#34
Hexachlorobutadiene
Concen: 43.652 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:225 Resp: 243160
Ion Ratio Lower Upper
225 100
223 62.7 50.1 75.1
227 63.4 51.3 76.9





#35

Caprolactam

Concen: 43.756 ng m

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

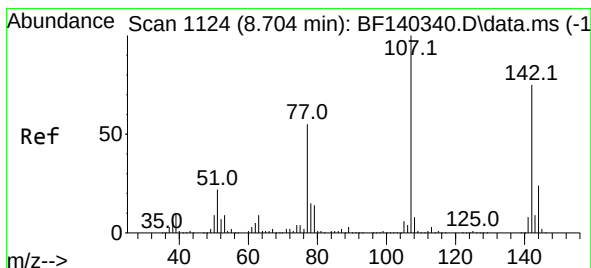
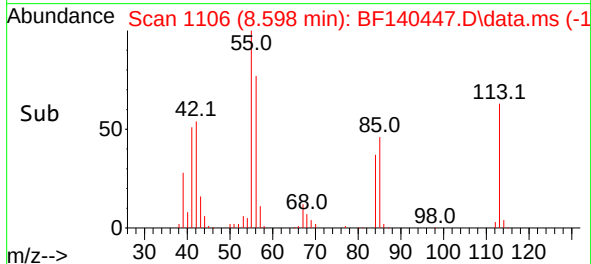
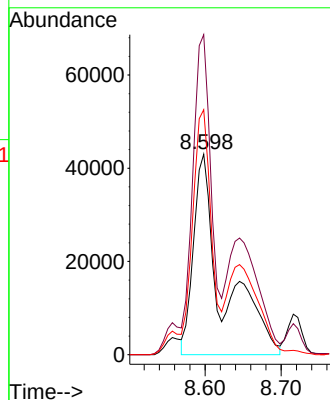
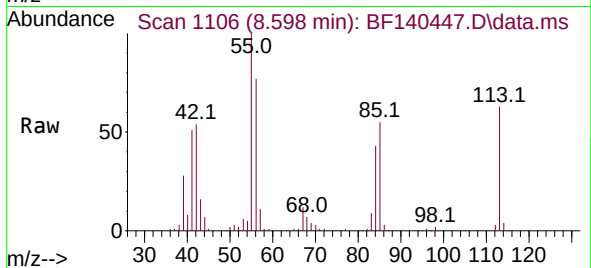
Tgt Ion:113 Resp: 11420
 Ion Ratio Lower Upper
 113 100
 55 159.7 150.0 190.0
 56 122.2 111.1 151.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#36

4-Chloro-3-methylphenol

Concen: 44.800 ng

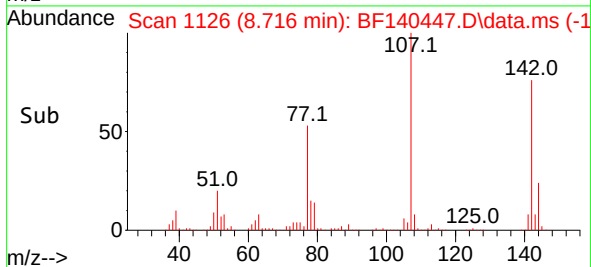
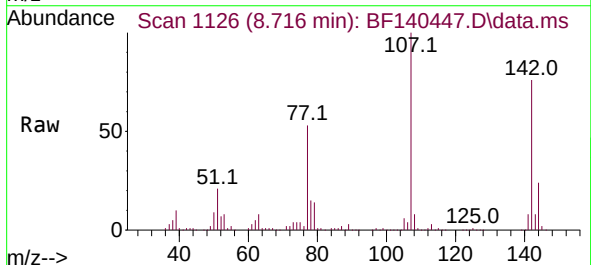
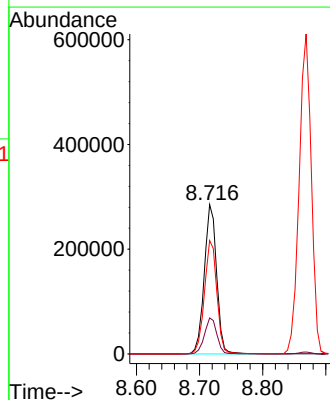
RT: 8.716 min Scan# 1126

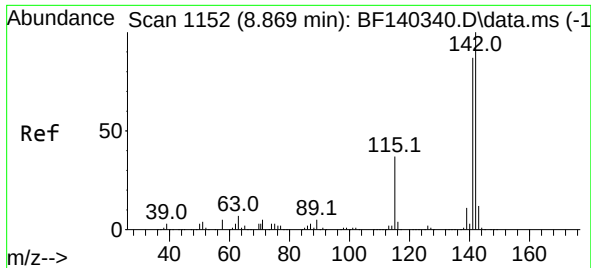
Delta R.T. 0.012 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Tgt Ion:107 Resp: 389864
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 76.0 59.4 89.0





#37

2-Methylnaphthalene

Concen: 44.840 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

Tgt Ion:142 Resp: 816319

Ion Ratio Lower Upper

142 100

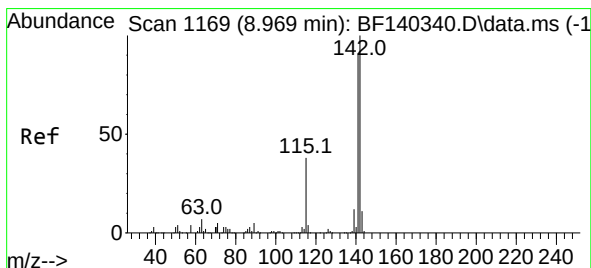
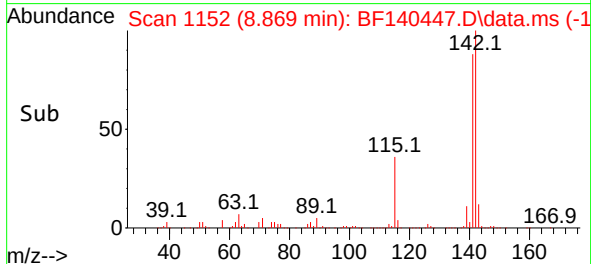
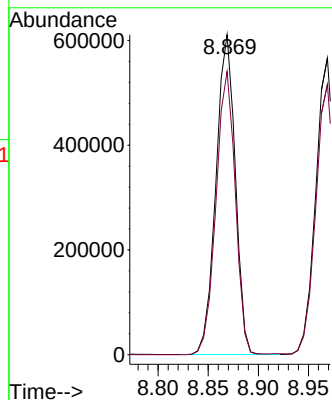
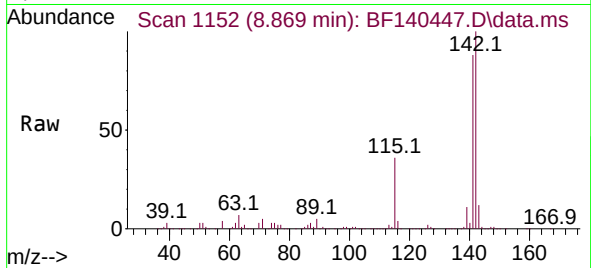
141 88.5 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#38

1-Methylnaphthalene

Concen: 42.704 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140447.D

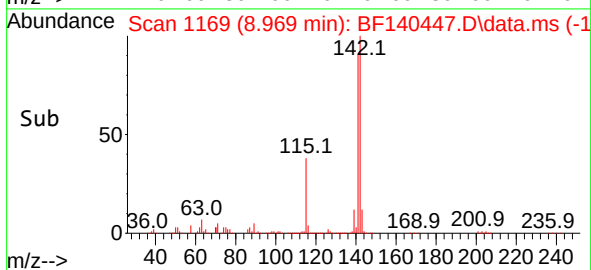
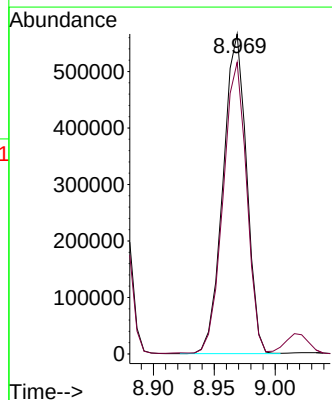
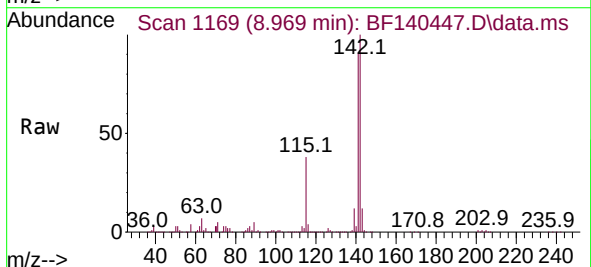
Acq: 18 Nov 2024 11:58

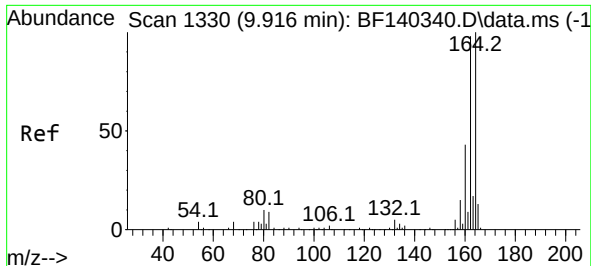
Tgt Ion:142 Resp: 761299

Ion Ratio Lower Upper

142 100

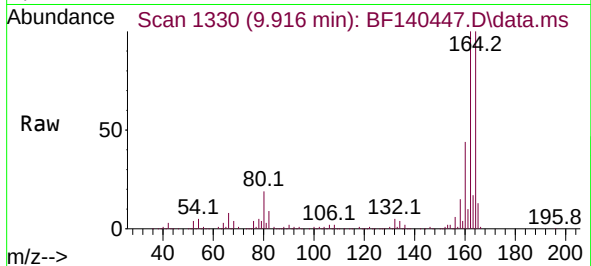
141 91.1 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

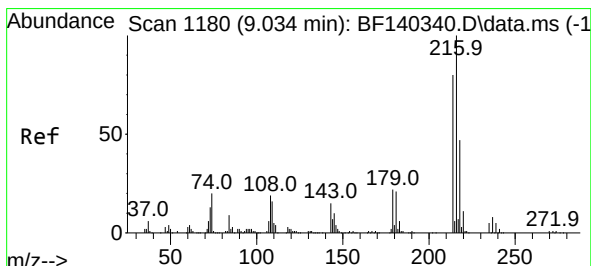
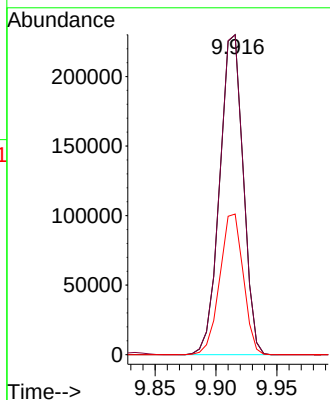
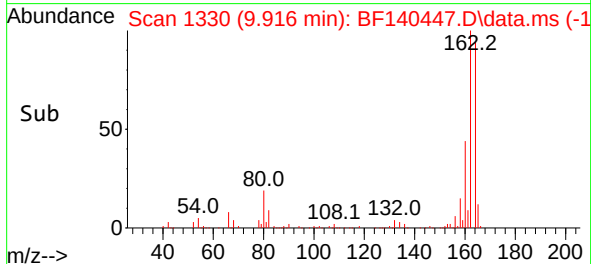
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



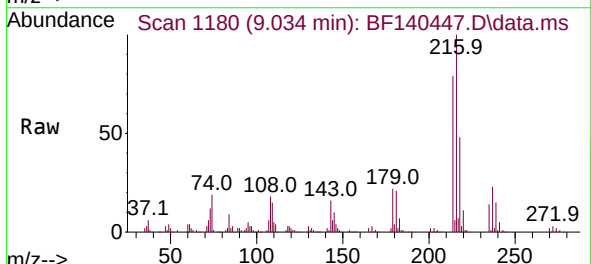
Tgt Ion:164 Resp: 308958
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 44.0 35.4 53.0

Manual Integrations
APPROVED

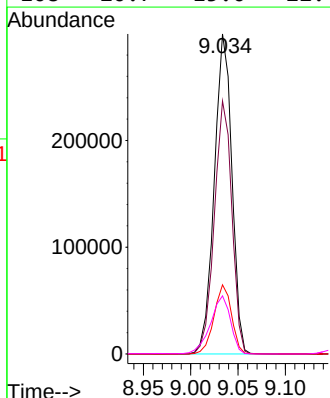
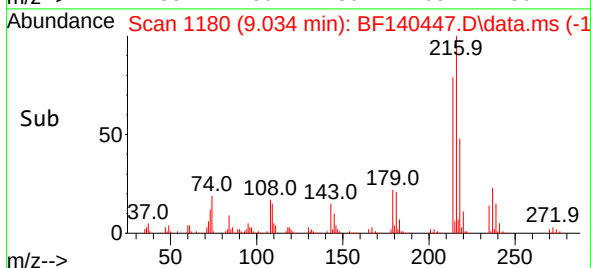
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

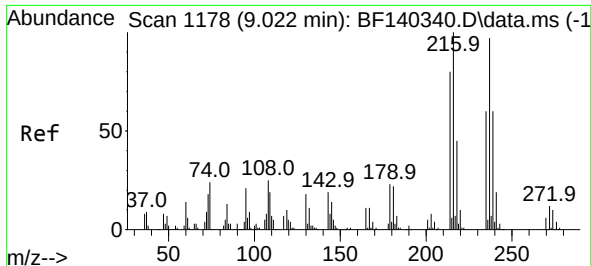


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.409 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



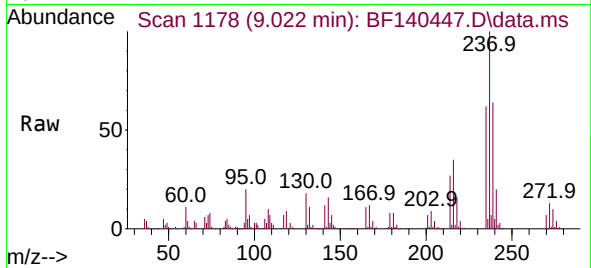
Tgt Ion:216 Resp: 387962
Ion Ratio Lower Upper
216 100
214 78.6 63.2 94.8
179 21.5 17.2 25.8
108 20.7 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 181.657 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

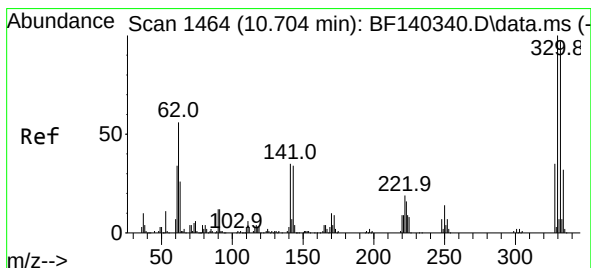
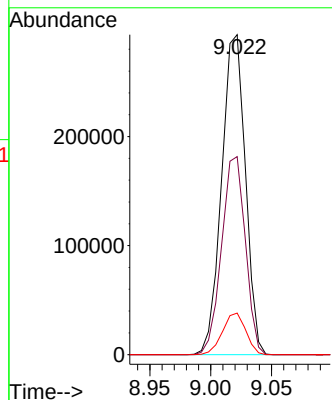
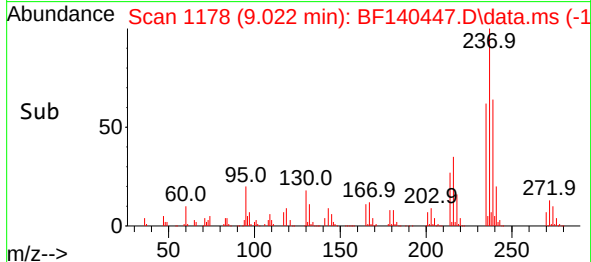
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



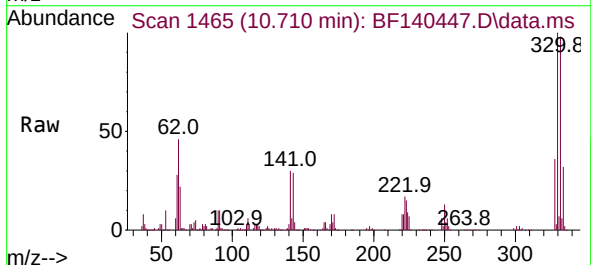
Tgt Ion:237 Resp: 398480
Ion Ratio Lower Upper
237 100
235 61.9 42.8 82.8
272 13.0 0.0 33.1

Manual Integrations
APPROVED

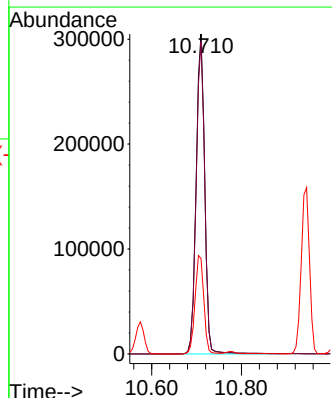
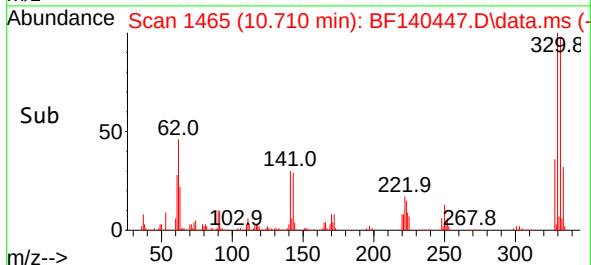
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

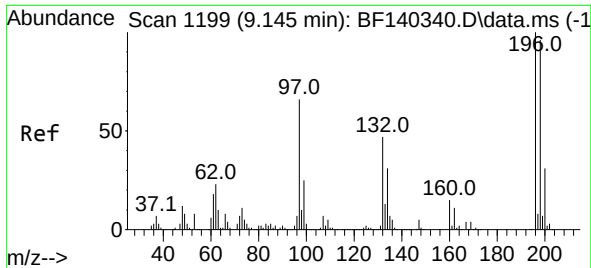


#42
2,4,6-Tribromophenol
Concen: 131.593 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



Tgt Ion:330 Resp: 404298
Ion Ratio Lower Upper
330 100
332 97.5 75.9 113.9
141 31.5 26.9 40.3





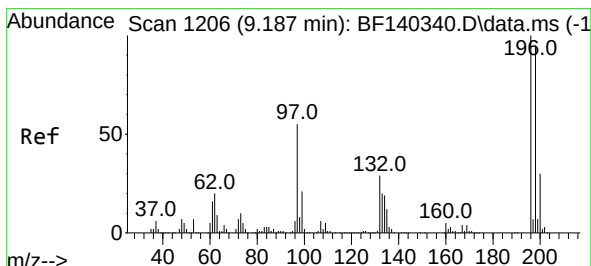
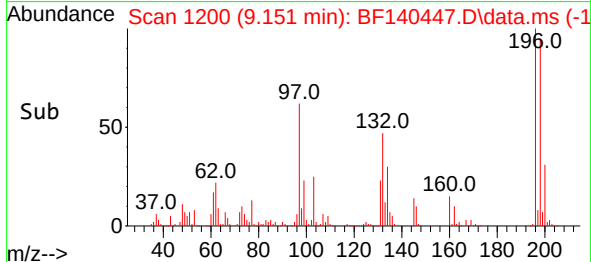
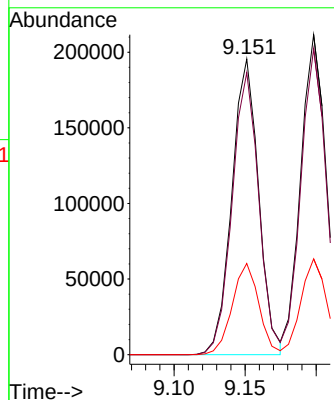
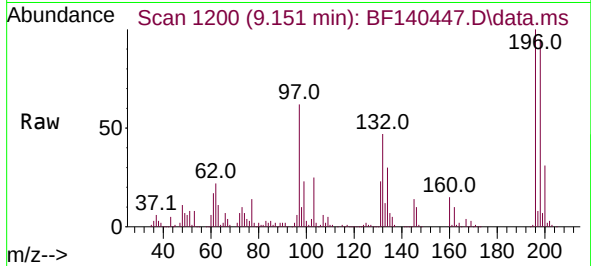
#43
2,4,6-Trichlorophenol
Concen: 45.838 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB164846BSD

Tgt Ion:196 Resp: 25700
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.4
200 30.8 24.2 36.4

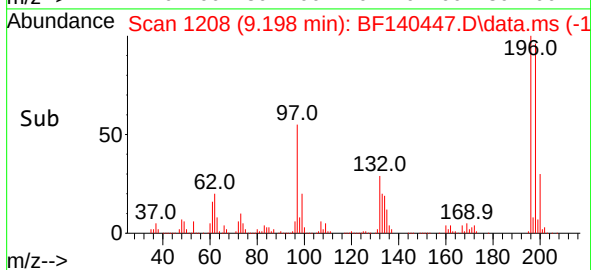
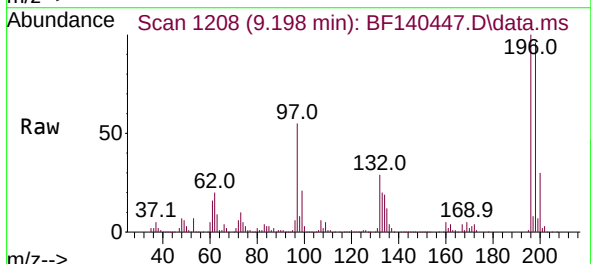
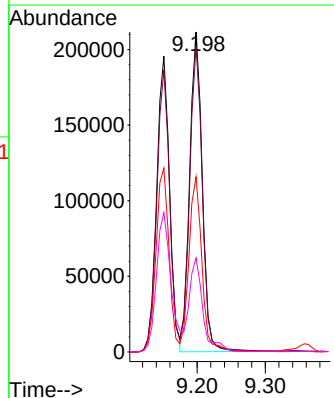
Manual Integrations
APPROVED

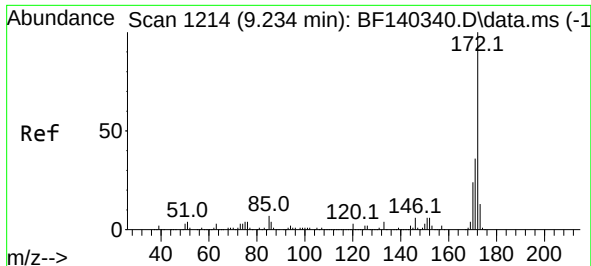
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#44
2,4,5-Trichlorophenol
Concen: 44.267 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:196 Resp: 271362
Ion Ratio Lower Upper
196 100
198 95.6 77.6 116.4
97 54.7 45.4 68.2
132 29.4 24.2 36.2





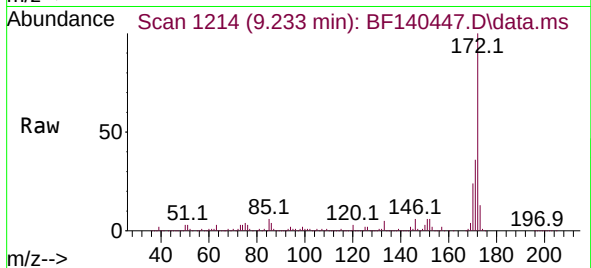
#45
2-Fluorobiphenyl
Concen: 87.529 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD



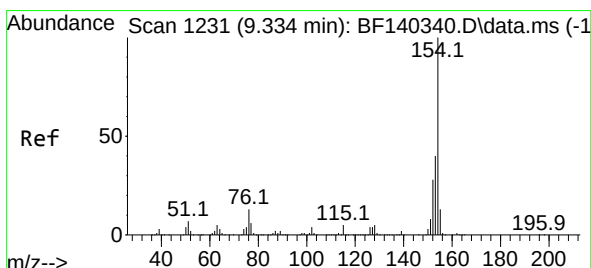
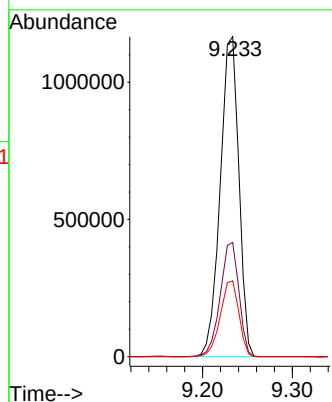
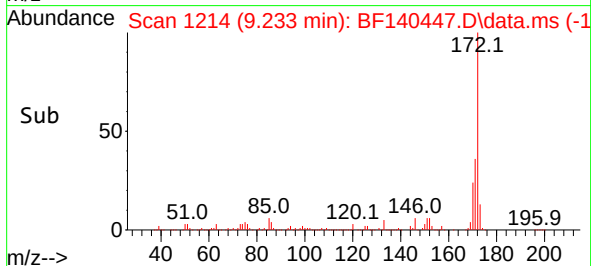
Tgt Ion:172 Resp: 1682238
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.7 19.1 28.7

Manual Integrations

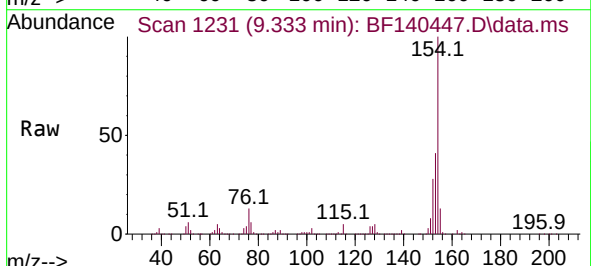
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

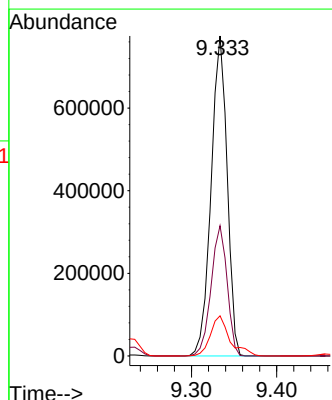
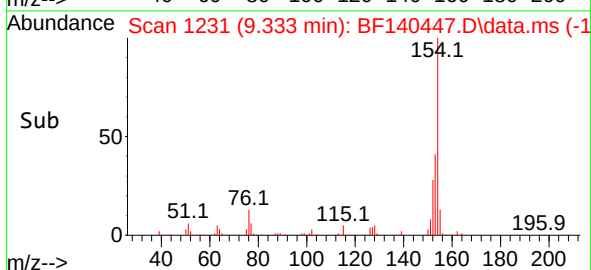
Supervised By :mohammad ahmed 11/19/2024

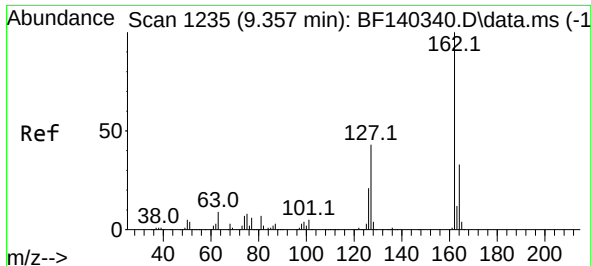


#46
1,1'-Biphenyl
Concen: 44.954 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



Tgt Ion:154 Resp: 1010408
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 12.6 0.0 32.9





#47

2-Chloronaphthalene

Concen: 44.092 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

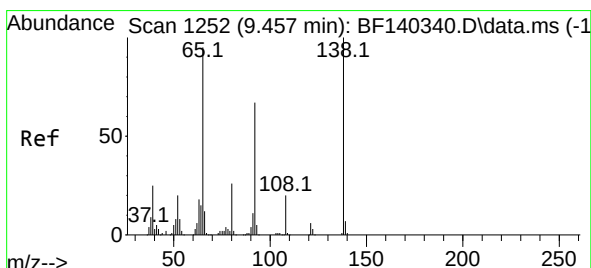
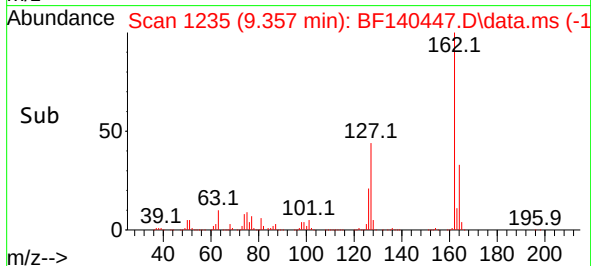
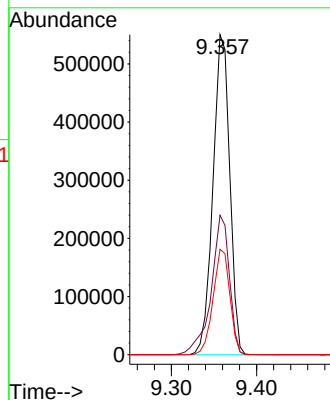
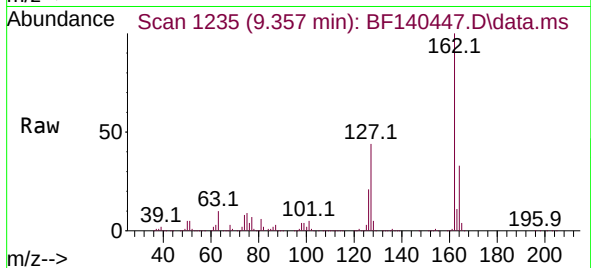
Tgt Ion:	162	Resp:	754925
Ion Ratio	Lower	Upper	
162	100		
127	43.5	34.0	51.0
164	32.9	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#48

2-Nitroaniline

Concen: 45.247 ng

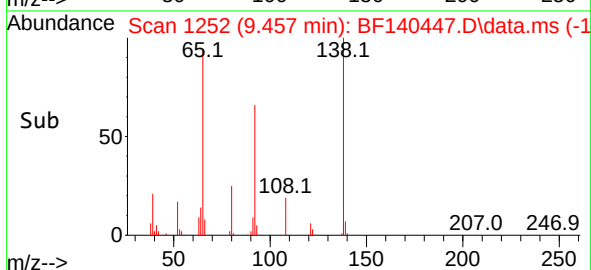
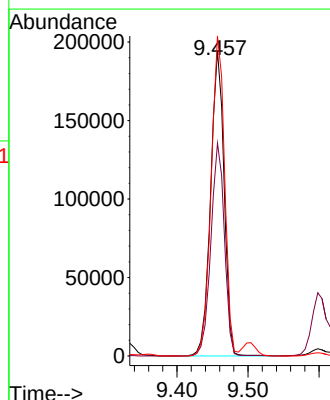
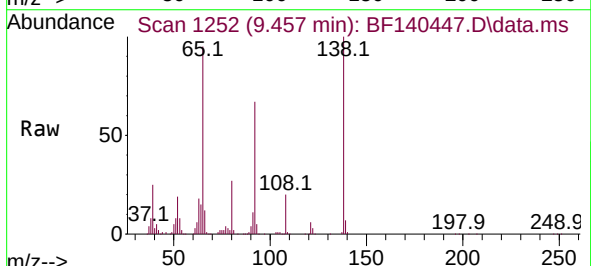
RT: 9.457 min Scan# 1252

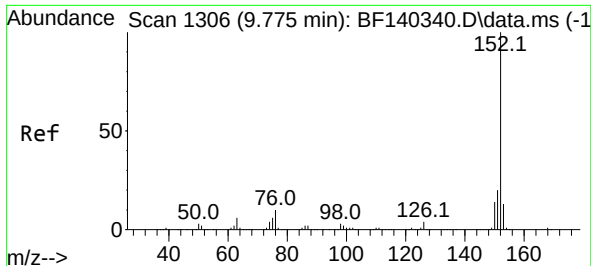
Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Tgt Ion:	65	Resp:	256925
Ion Ratio	Lower	Upper	
65	100		
92	69.7	56.4	84.6
138	104.9	84.8	127.2





#49

Acenaphthylene

Concen: 48.233 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140447.D

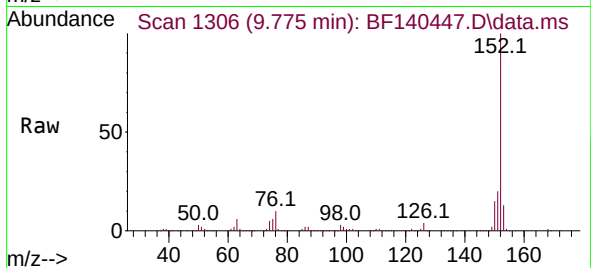
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD



Tgt Ion:152 Resp: 124949

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

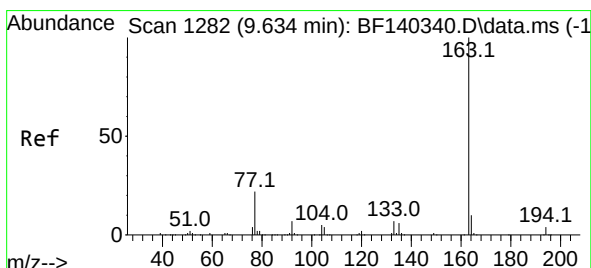
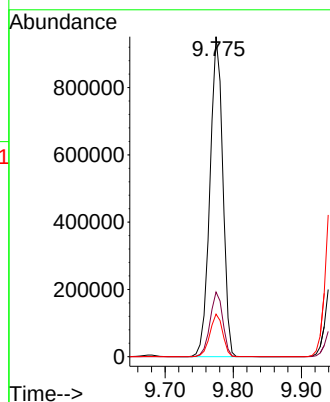
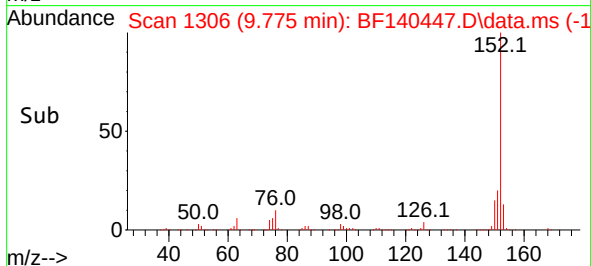
153 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#50

Dimethylphthalate

Concen: 46.042 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

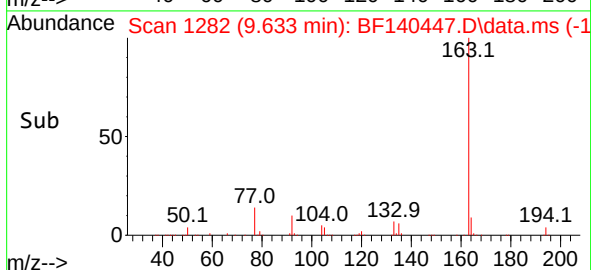
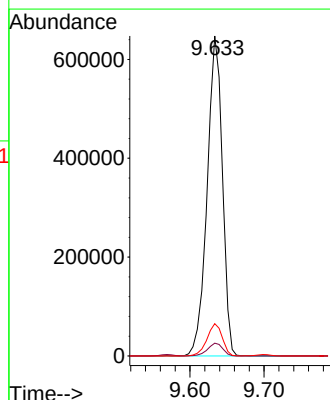
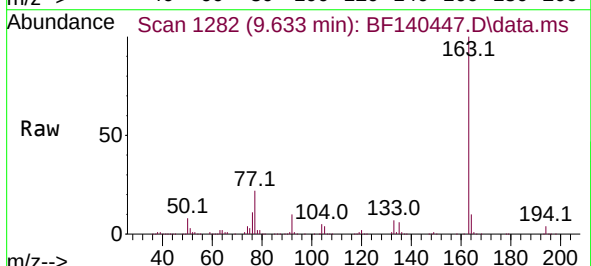
Tgt Ion:163 Resp: 927208

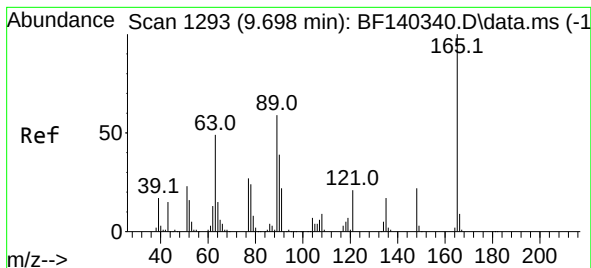
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

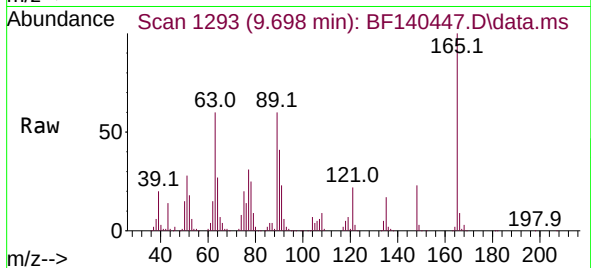
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 43.232 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

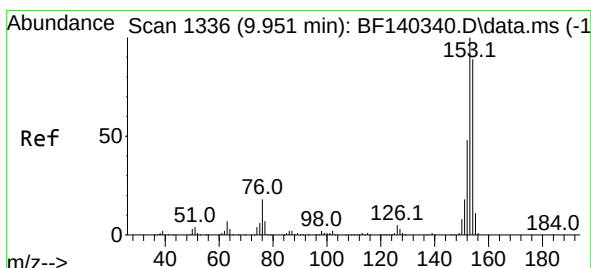
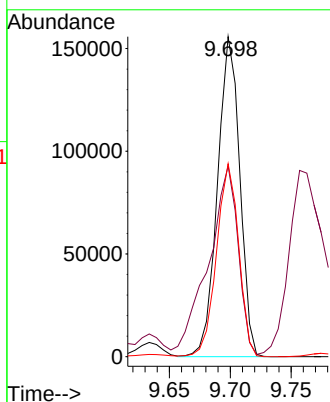
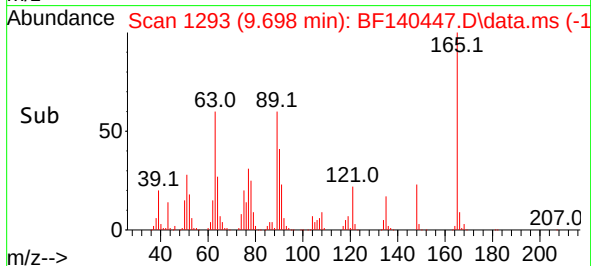
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



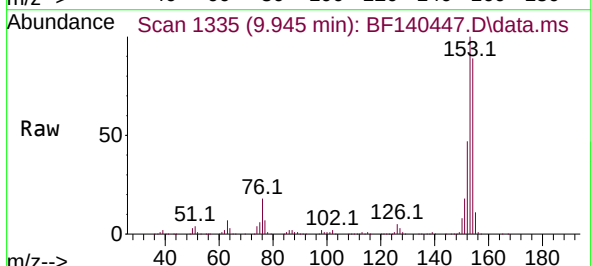
Tgt Ion:165 Resp: 198478
Ion Ratio Lower Upper
165 100
63 59.6 47.6 71.4
89 60.3 48.1 72.1

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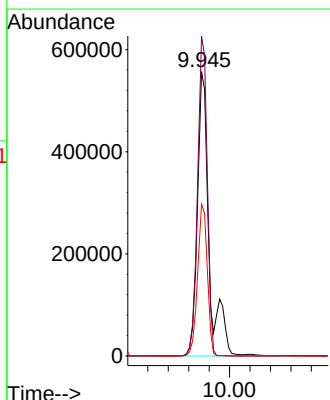
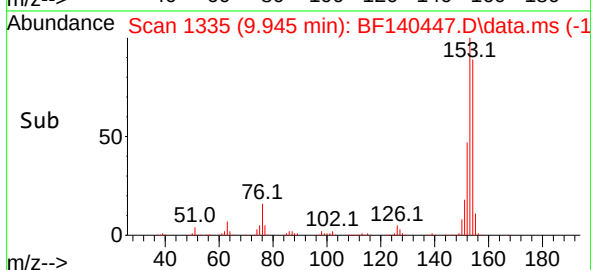
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

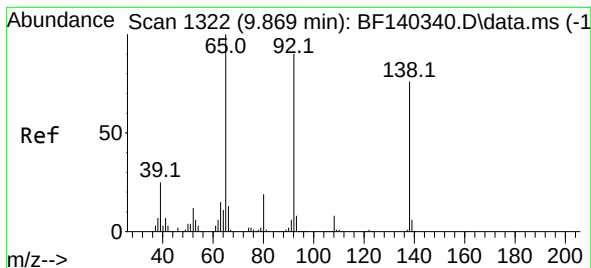


#52
Acenaphthene
Concen: 50.975 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



Tgt Ion:154 Resp: 891897
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.8
152 53.3 42.6 64.0





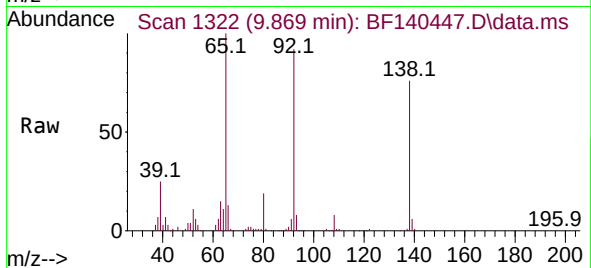
#53
3-Nitroaniline
Concen: 28.436 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD



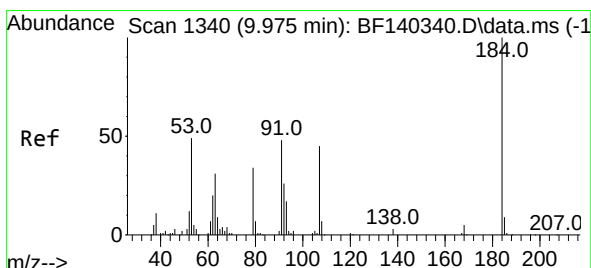
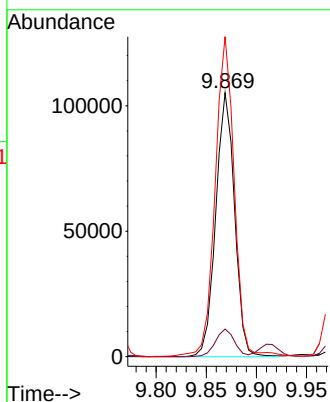
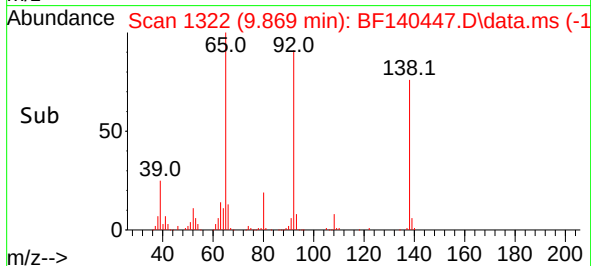
Tgt Ion:138 Resp: 137100
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 121.2 95.5 143.3

Manual Integrations

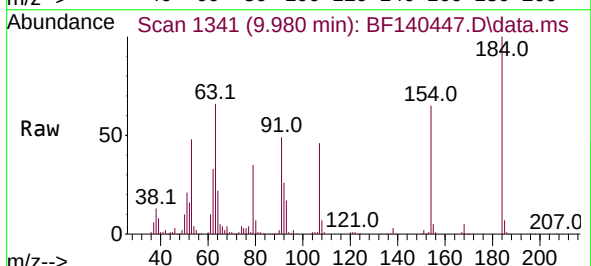
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

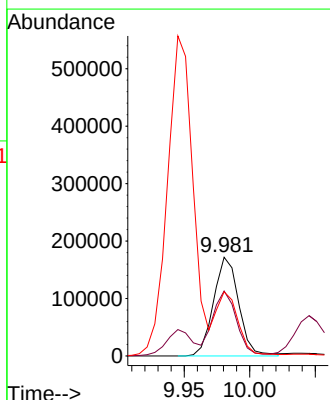
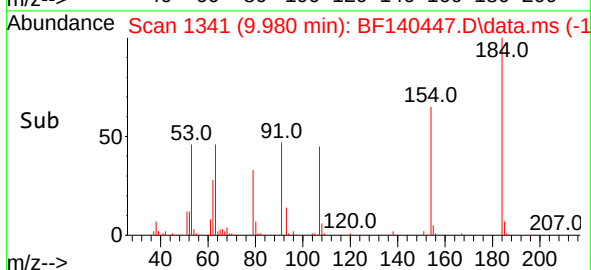
Supervised By :mohammad ahmed 11/19/2024

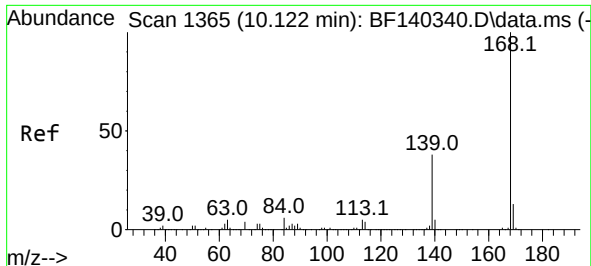


#54
2,4-Dinitrophenol
Concen: 97.040 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



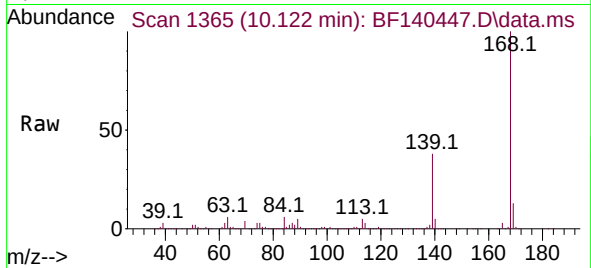
Tgt Ion:184 Resp: 229743
Ion Ratio Lower Upper
184 100
63 65.9 53.5 80.3
154 64.9 51.3 76.9





#55
Dibenzenofuran
Concen: 45.395 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

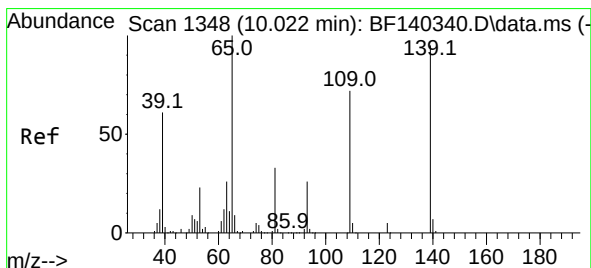
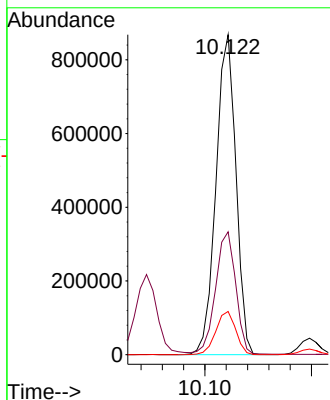
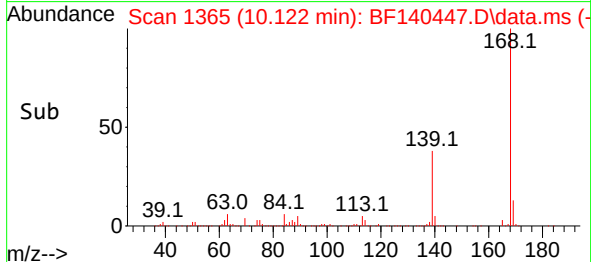
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



Tgt Ion:168 Resp: 1124399
Ion Ratio Lower Upper
168 100
139 38.4 30.8 46.2
169 13.5 10.8 16.2

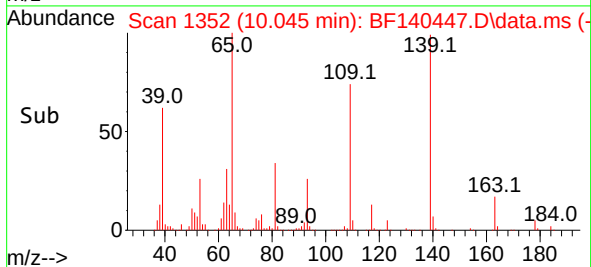
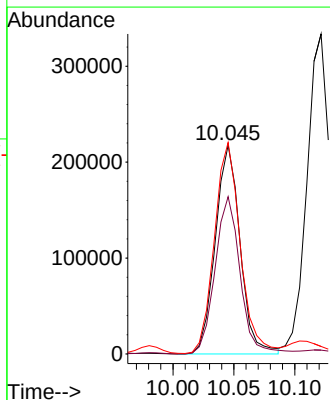
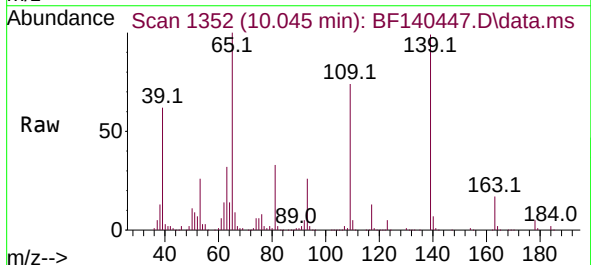
Manual Integrations
APPROVED

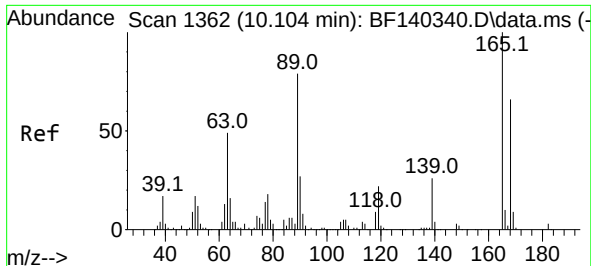
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#56
4-Nitrophenol
Concen: 87.657 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.023 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:139 Resp: 308272
Ion Ratio Lower Upper
139 100
109 75.4 54.5 94.5
65 101.4 84.4 124.4





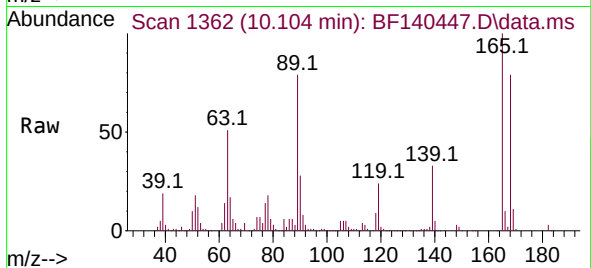
#57
2,4-Dinitrotoluene
Concen: 45.603 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD



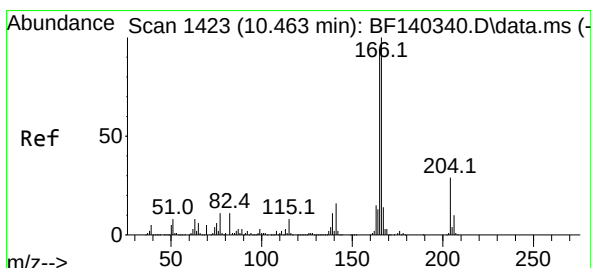
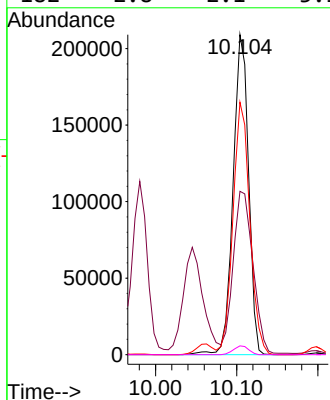
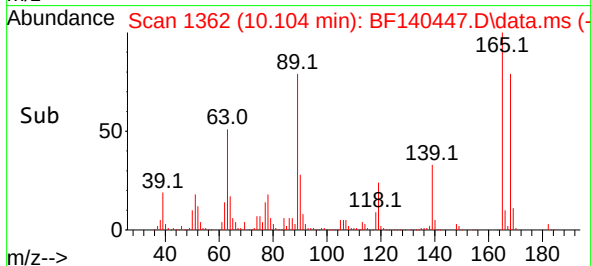
Tgt Ion:165 Resp: 275544
Ion Ratio Lower Upper
165 100
63 51.1 39.4 59.0
89 78.9 62.4 93.6
182 2.8 2.1 3.1

Manual Integrations

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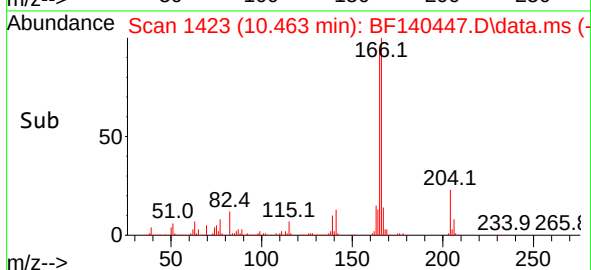
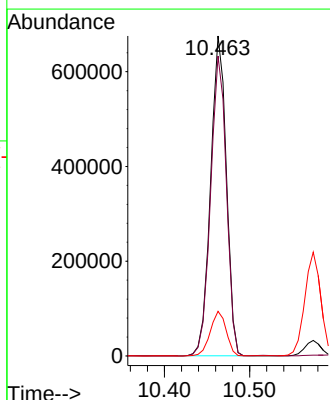
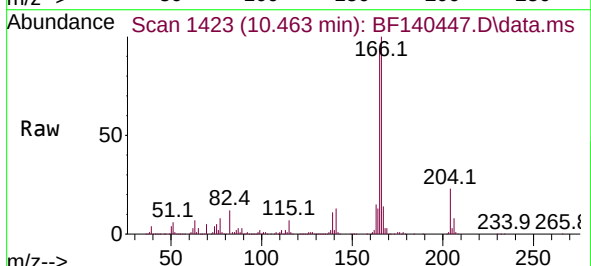
Reviewed By :Yogesh Patel 11/19/2024

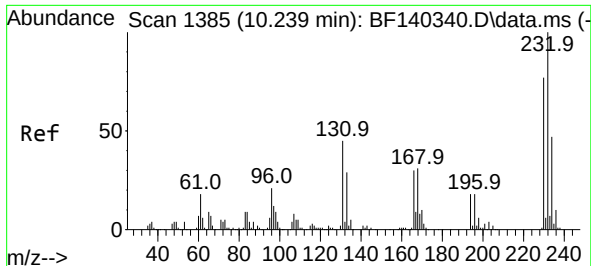
Supervised By :mohammad ahmed 11/19/2024



#58
Fluorene
Concen: 44.370 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

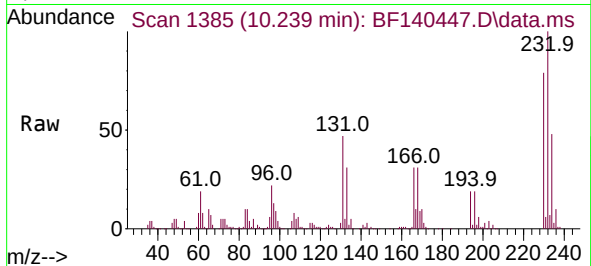
Tgt Ion:166 Resp: 868200
Ion Ratio Lower Upper
166 100
165 93.7 73.9 110.9
167 14.0 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.652 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

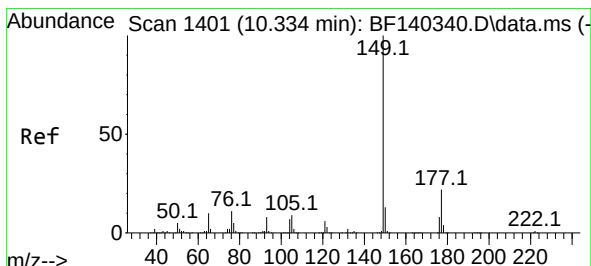
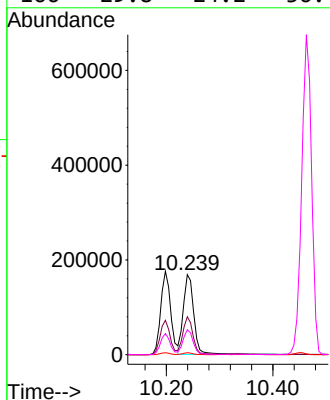
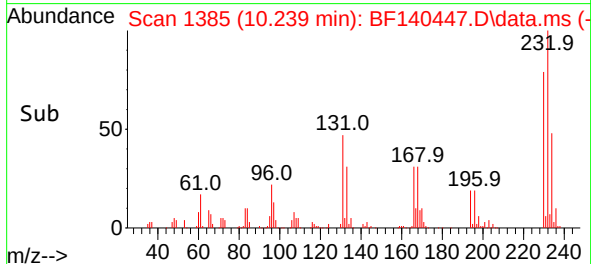
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



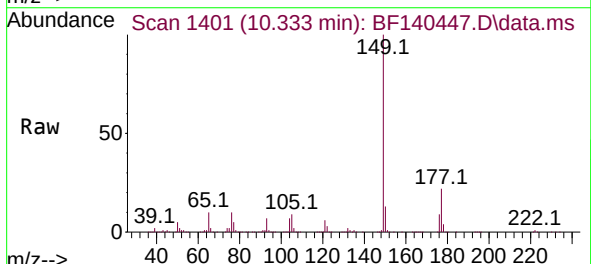
Tgt Ion:232 Resp: 230652
Ion Ratio Lower Upper
232 100
131 46.6 36.8 55.2
130 2.5 1.9 2.9
166 29.8 24.2 36.4

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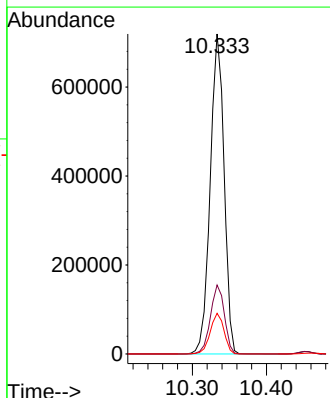
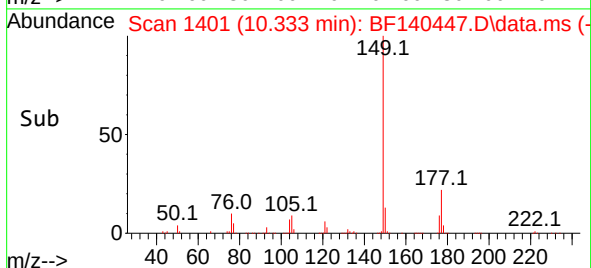
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

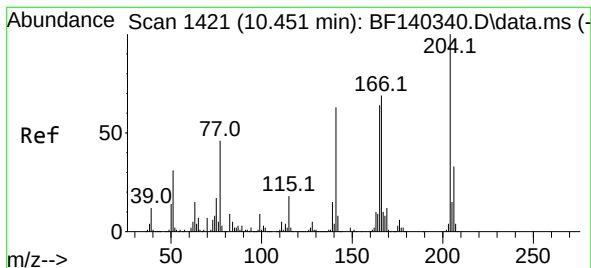


#60
Diethylphthalate
Concen: 45.341 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



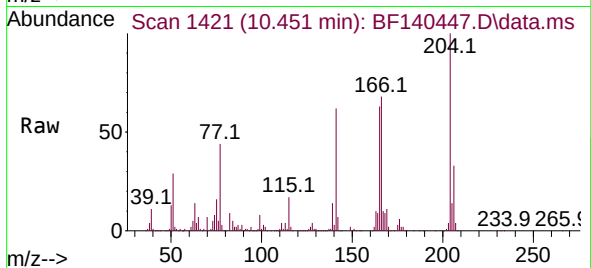
Tgt Ion:149 Resp: 933678
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.640 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

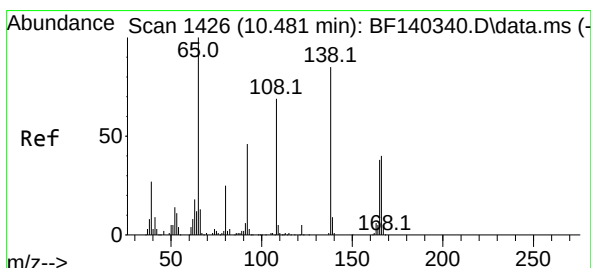
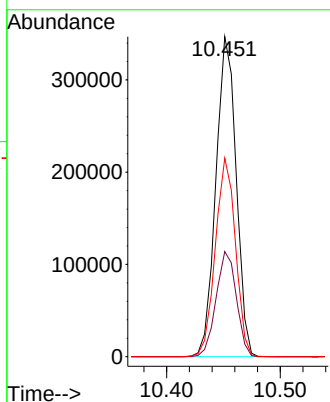
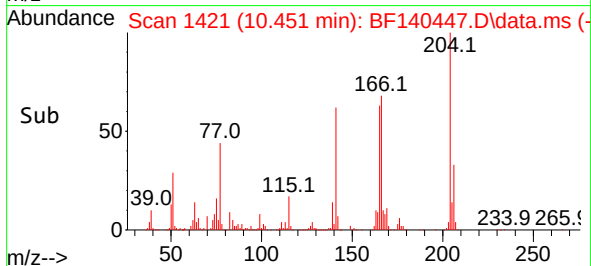
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



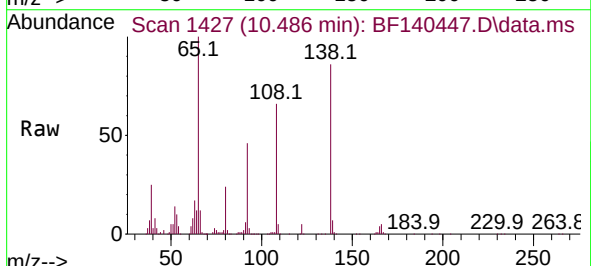
Tgt Ion:204 Resp: 43123
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 62.1 49.8 74.8

Manual Integrations
APPROVED

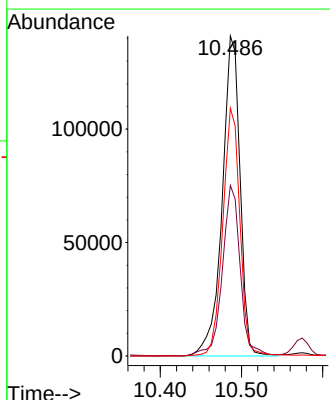
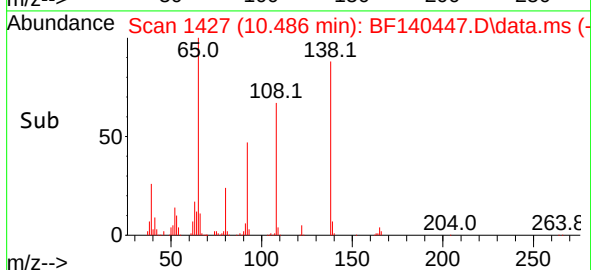
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

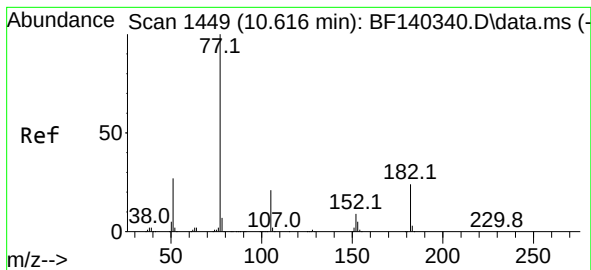


#62
4-Nitroaniline
Concen: 43.796 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



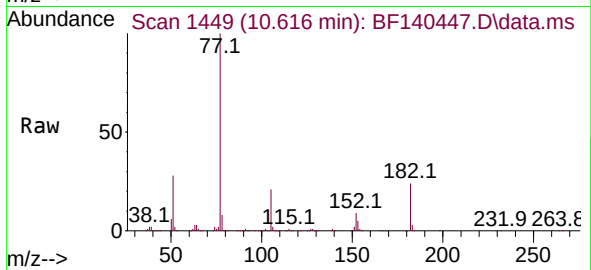
Tgt Ion:138 Resp: 215906
Ion Ratio Lower Upper
138 100
92 53.3 33.8 73.8
108 77.4 59.9 99.9





#63
Azobenzene
Concen: 44.959 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

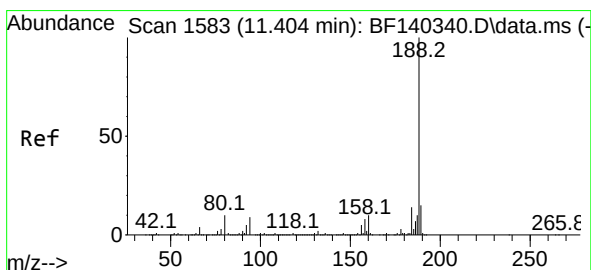
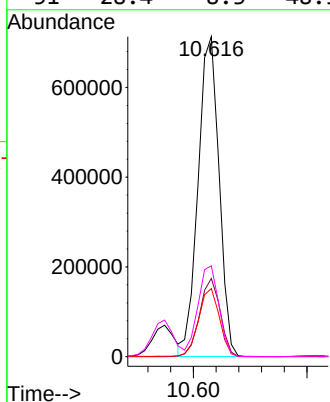
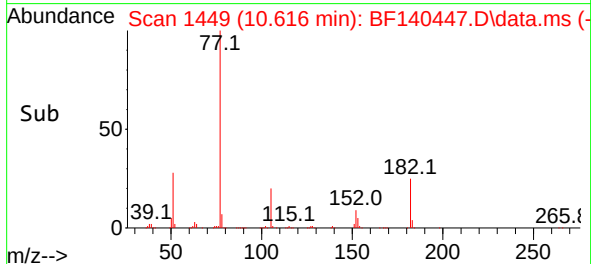
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



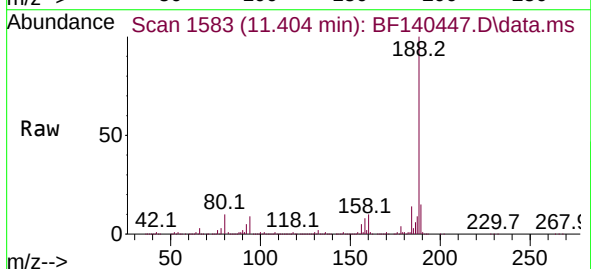
Tgt Ion:	77	Resp:	91474
Ion Ratio	Lower	Upper	
77	100		
182	24.5	4.6	44.6
105	21.3	0.9	40.9
51	28.4	8.3	48.3

Manual Integrations
APPROVED

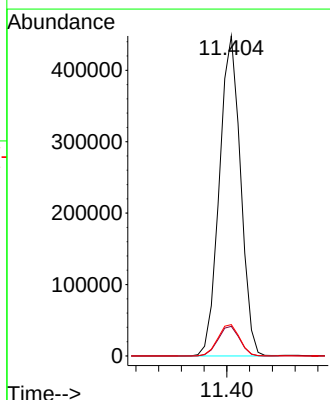
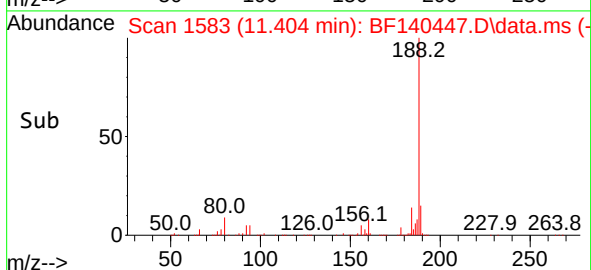
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

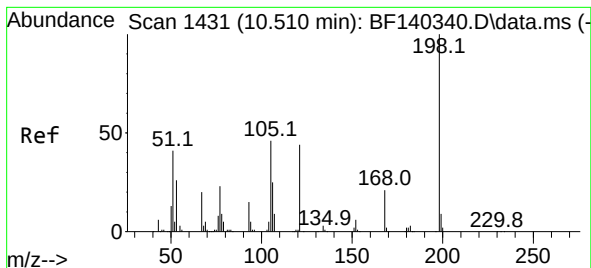


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



Tgt Ion:	188	Resp:	581243
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.6	11.4
80	9.8	8.0	12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 50.403 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

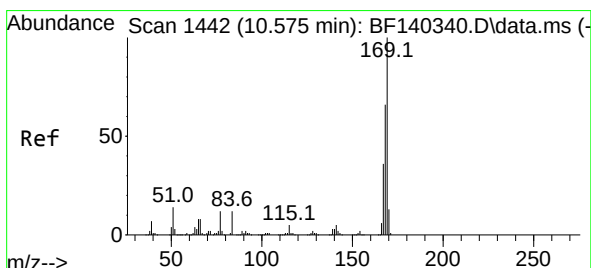
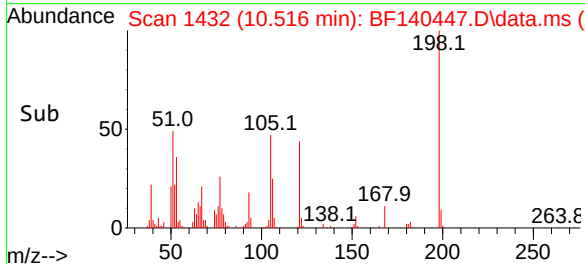
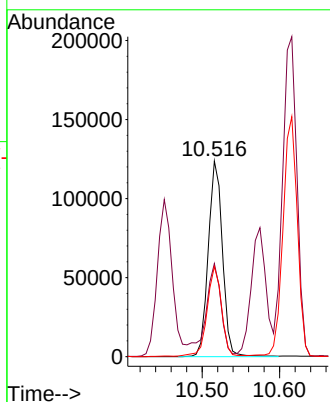
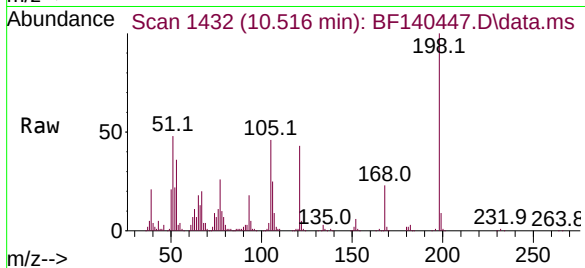
ClientSampleId :

PB164846BSD

Tgt Ion:198 Resp: 157620
Ion Ratio Lower Upper
198 100
51 47.6 29.7 69.7
105 46.1 26.3 66.3

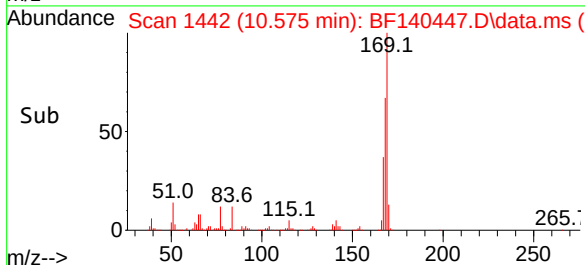
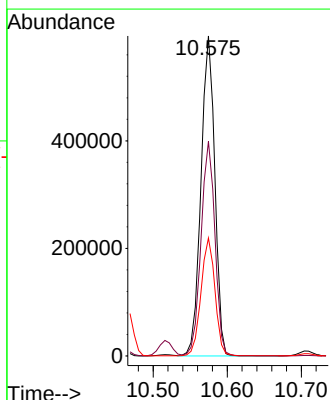
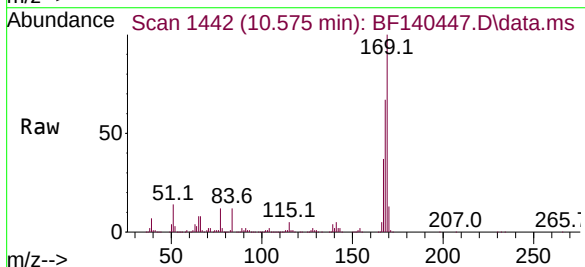
Manual Integrations
APPROVED

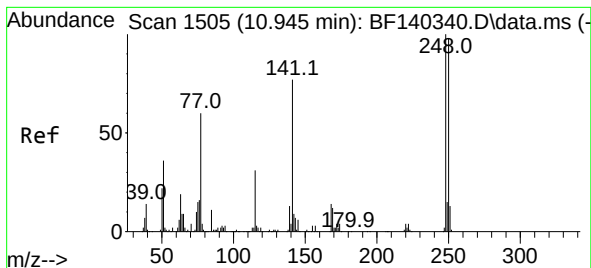
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#66
n-Nitrosodiphenylamine
Concen: 45.910 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

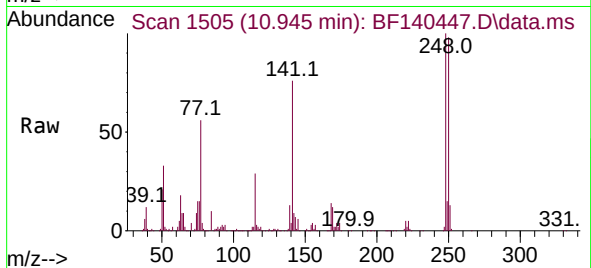
Tgt Ion:169 Resp: 771009
Ion Ratio Lower Upper
169 100
168 67.1 52.7 79.1
167 36.8 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 45.091 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

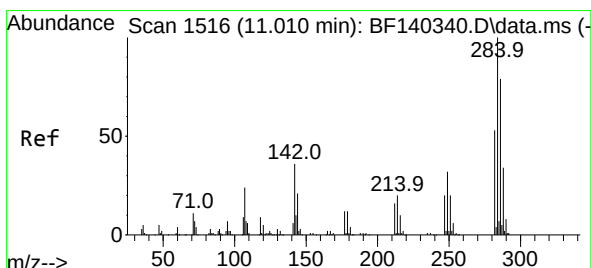
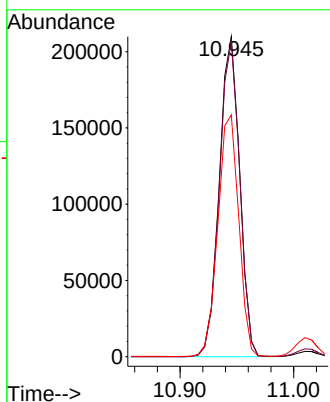
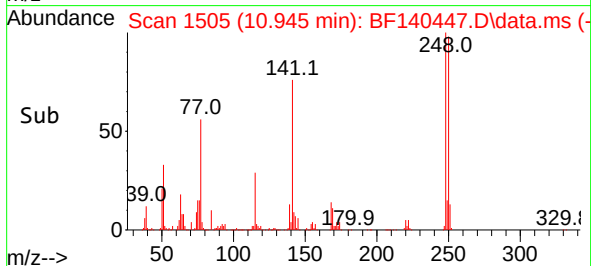
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



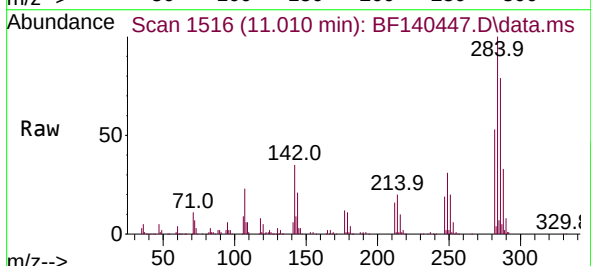
Tgt Ion:248 Resp: 26198
Ion Ratio Lower Upper
248 100
250 98.4 77.9 116.9
141 75.5 61.8 92.6

Manual Integrations
APPROVED

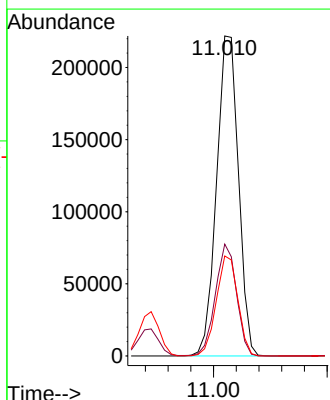
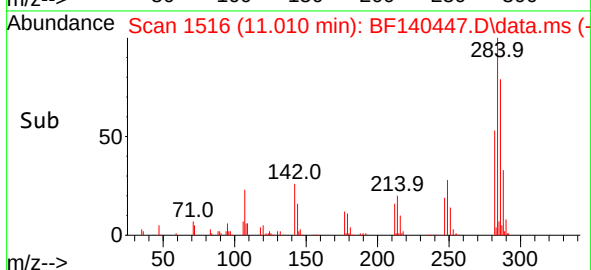
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

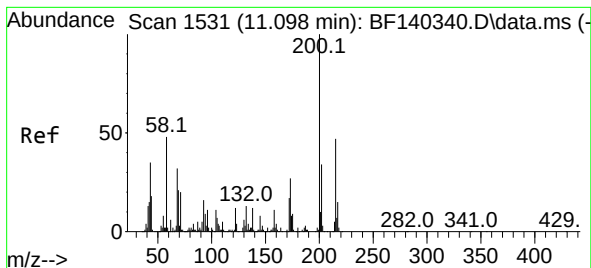


#68
Hexachlorobenzene
Concen: 45.430 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



Tgt Ion:284 Resp: 296988
Ion Ratio Lower Upper
284 100
142 35.0 28.1 42.1
249 31.3 24.9 37.3





#69

Atrazine

Concen: 51.512 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

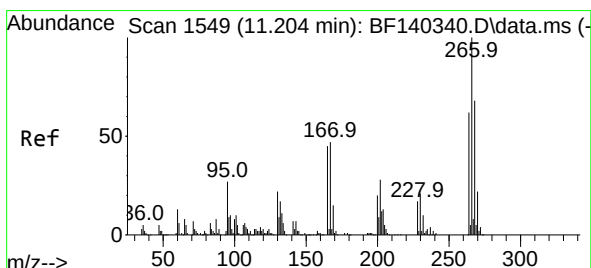
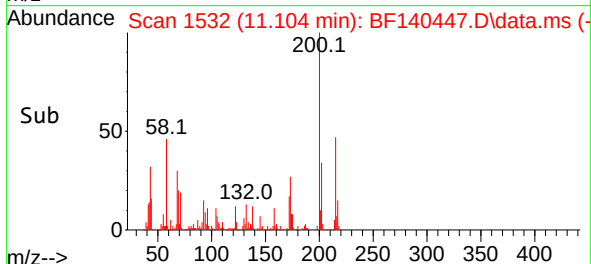
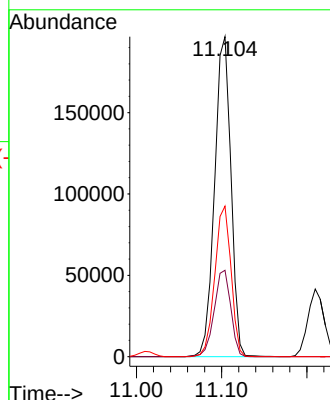
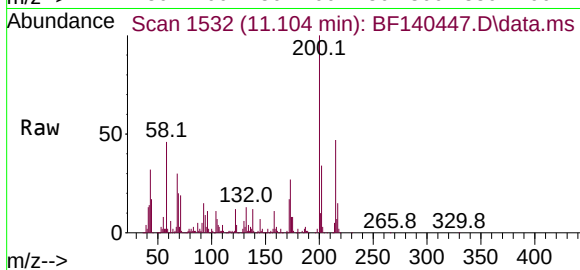
Tgt Ion:200 Resp: 261734
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.6 46.6
 215 47.1 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#70

Pentachlorophenol

Concen: 87.661 ng

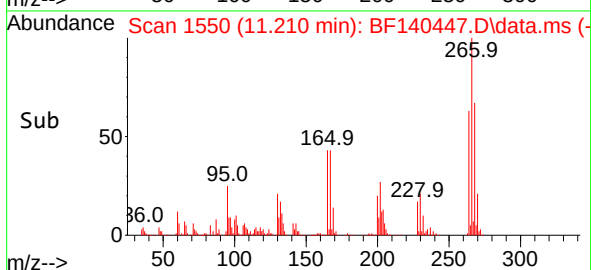
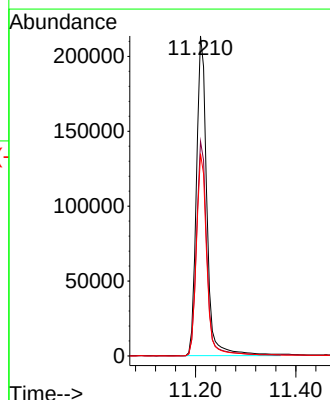
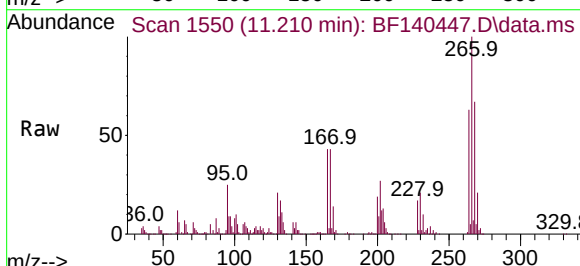
RT: 11.210 min Scan# 1550

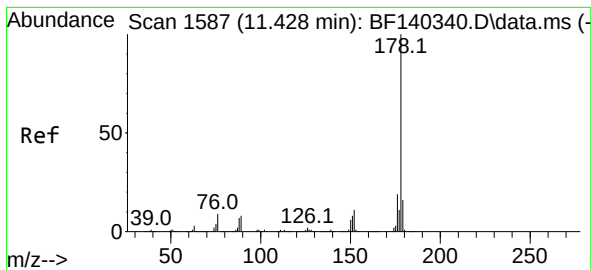
Delta R.T. 0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

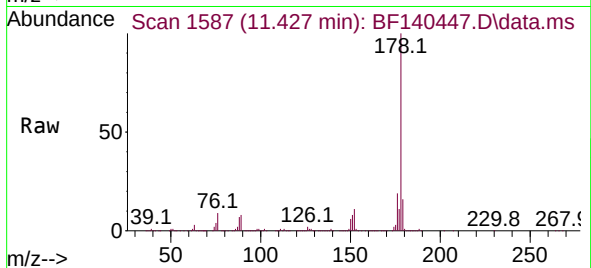
Tgt Ion:266 Resp: 308690
 Ion Ratio Lower Upper
 266 100
 268 67.1 52.9 79.3
 264 63.2 50.3 75.5





#71
Phenanthrene
Concen: 45.902 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

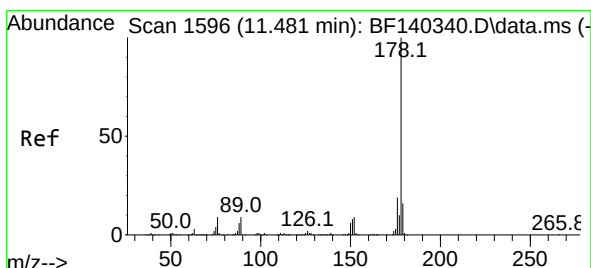
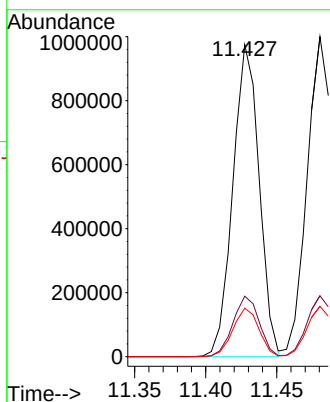
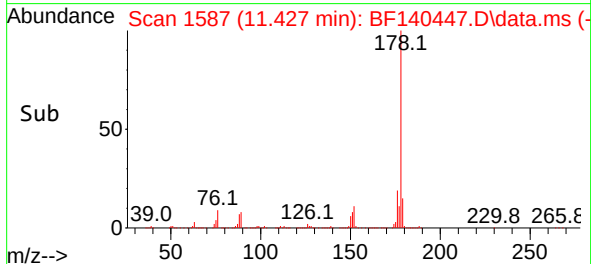
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



Tgt Ion:178 Resp: 125330
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.4 18.6

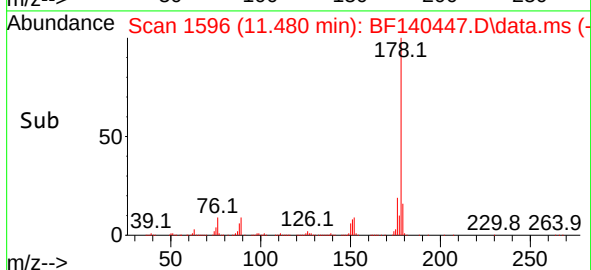
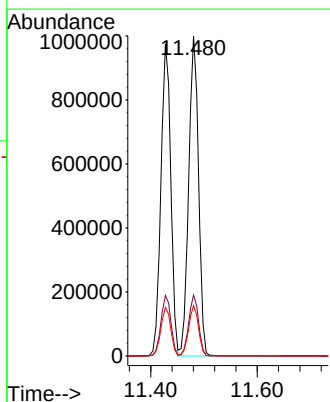
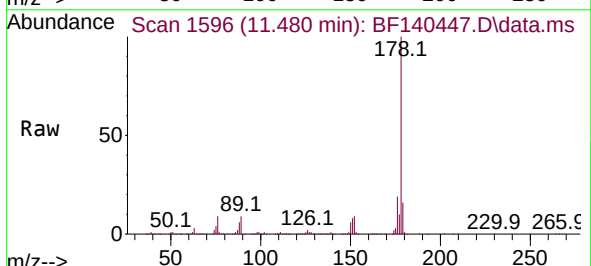
Manual Integrations
APPROVED

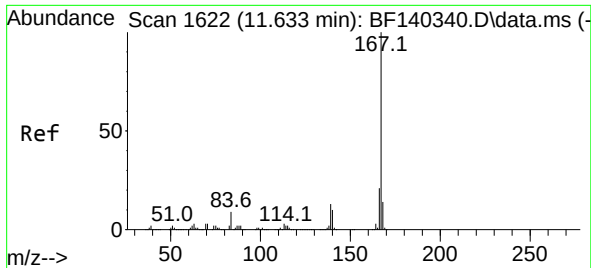
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#72
Anthracene
Concen: 47.849 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

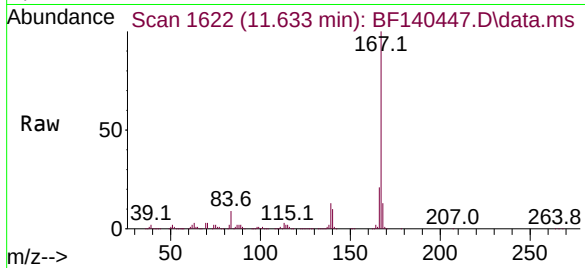
Tgt Ion:178 Resp: 1280432
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 44.721 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF140447.D
 Acq: 18 Nov 2024 11:58

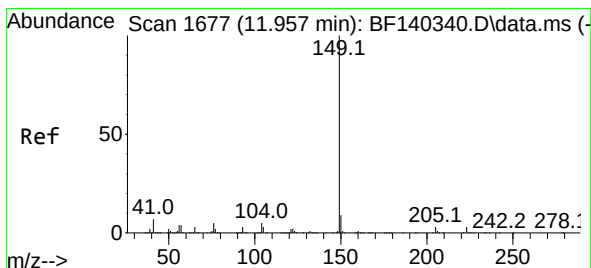
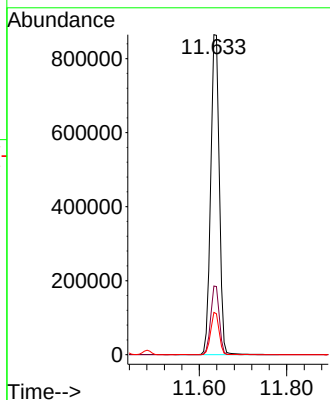
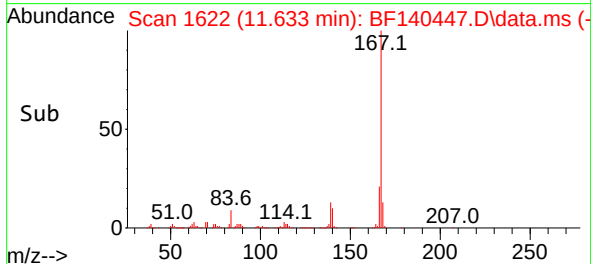
Instrument :
 BNA_F
 ClientSampleId :
 PB164846BSD



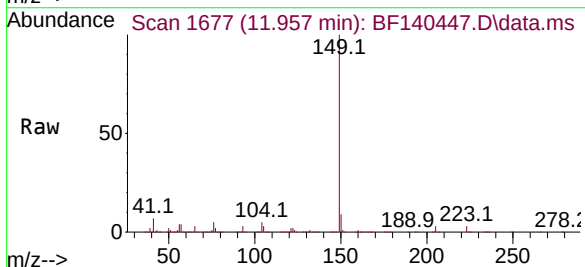
Tgt Ion:167 Resp: 118164
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.2 10.4 15.6

Manual Integrations
 APPROVED

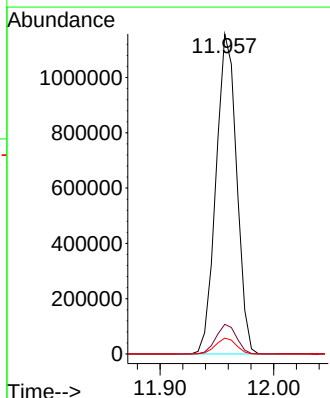
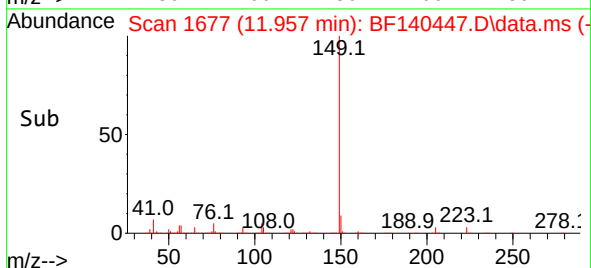
Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

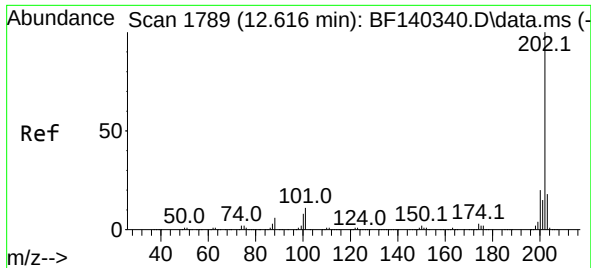


#74
 Di-n-butylphthalate
 Concen: 46.118 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF140447.D
 Acq: 18 Nov 2024 11:58



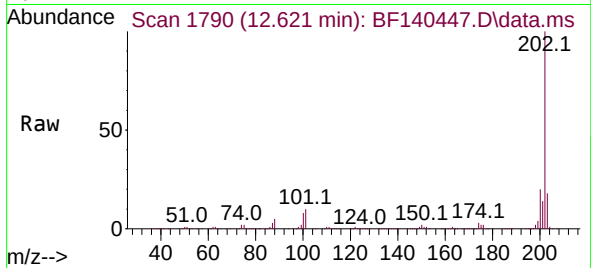
Tgt Ion:149 Resp: 1462532
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 44.406 ng
RT: 12.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

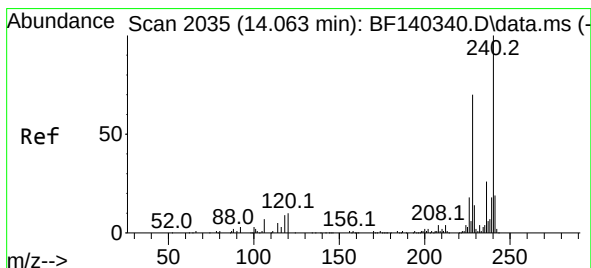
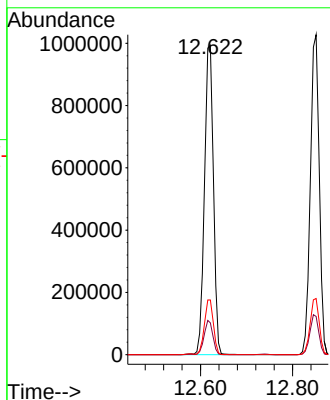
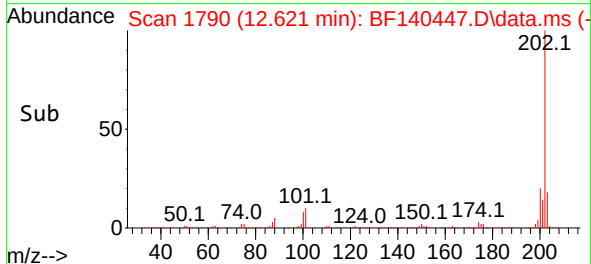
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



Tgt Ion:202 Resp: 1360302
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.7 0.0 37.7

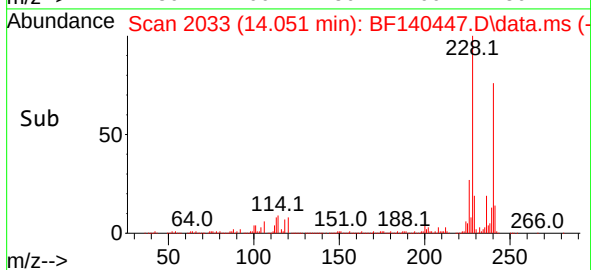
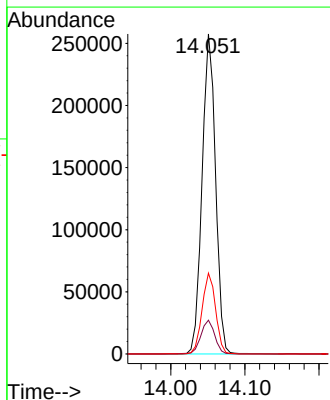
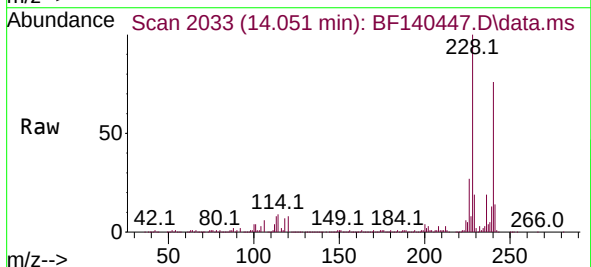
Manual Integrations
APPROVED

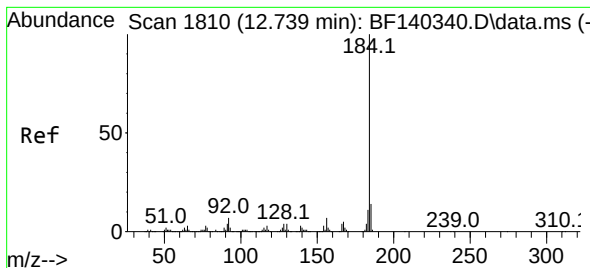
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:240 Resp: 325114
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.3 20.9 31.3





#77

Benzidine

Concen: 27.581 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

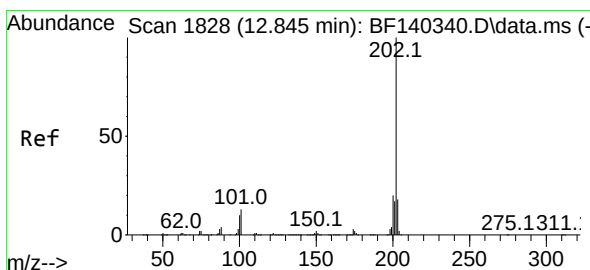
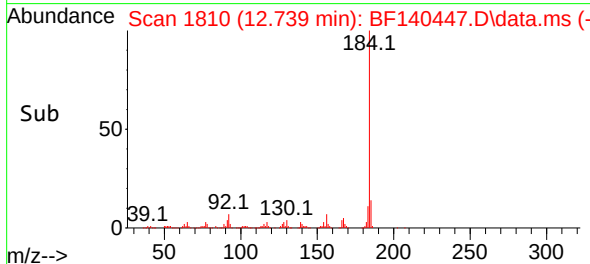
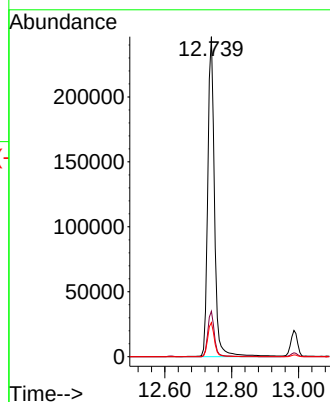
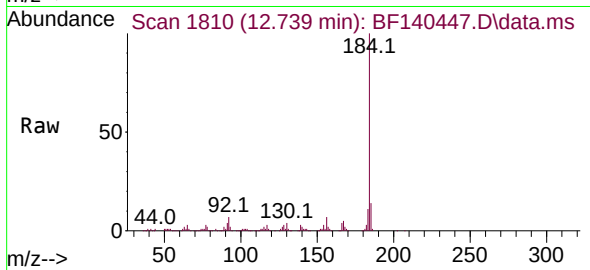
Tgt Ion:184	Resp: 344154
Ion Ratio	Lower Upper
184	100
185	14.2 11.9 17.9
183	10.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#78

Pyrene

Concen: 49.302 ng

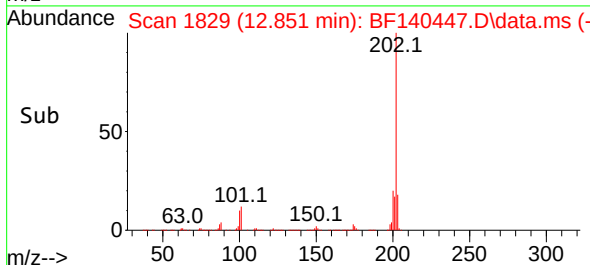
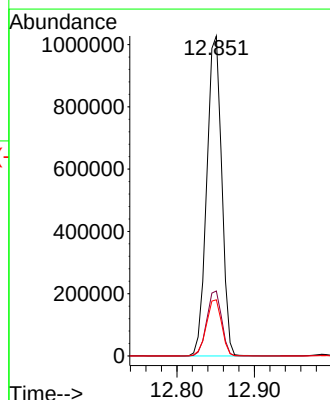
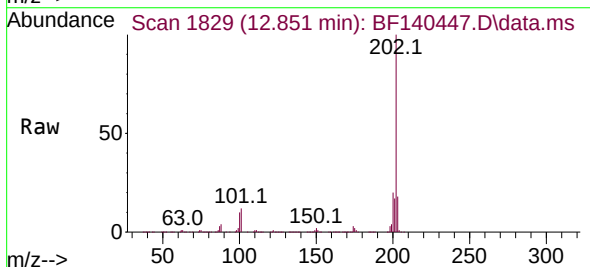
RT: 12.851 min Scan# 1829

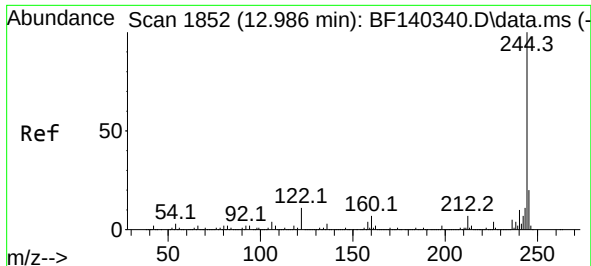
Delta R.T. 0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Tgt Ion:202	Resp: 1371060
Ion Ratio	Lower Upper
202	100
200	20.3 16.2 24.2
203	17.5 14.2 21.4





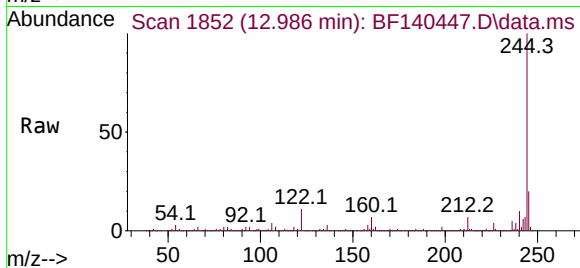
#79
 Terphenyl-d14
 Concen: 99.722 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140447.D
 Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD



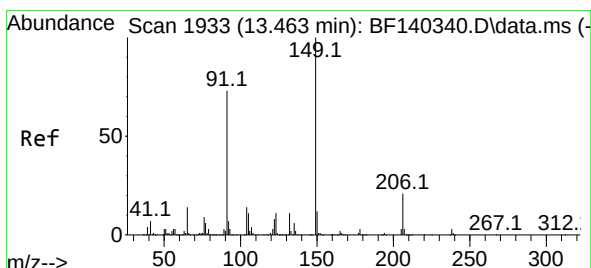
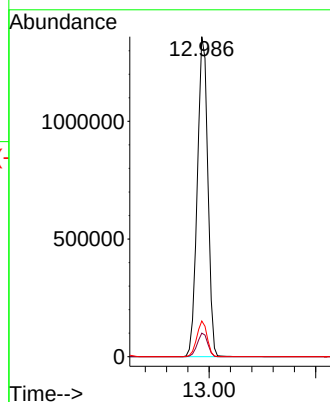
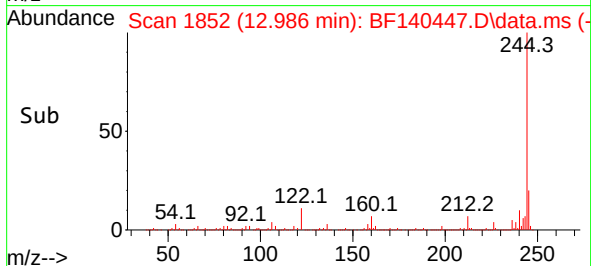
Tgt Ion:244 Resp: 1867800
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.1 8.8 13.2

Manual Integrations

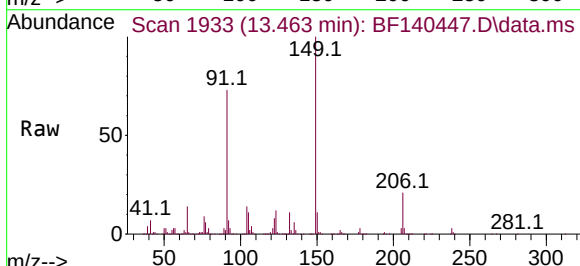
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

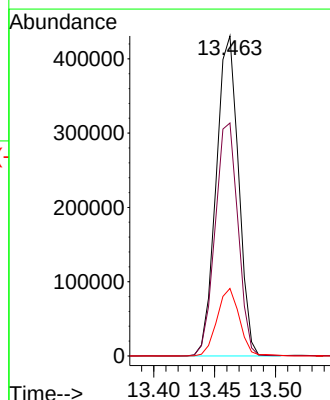
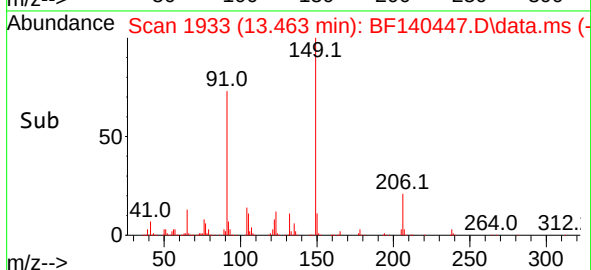
Supervised By :mohammad ahmed 11/19/2024

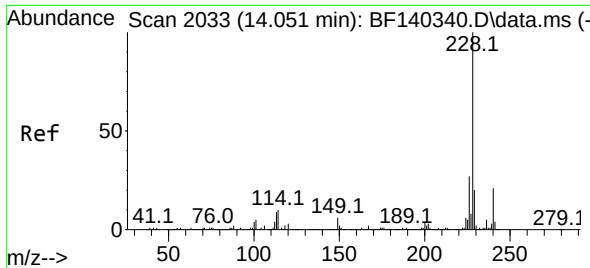


#80
 Butylbenzylphthalate
 Concen: 51.601 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF140447.D
 Acq: 18 Nov 2024 11:58



Tgt Ion:149 Resp: 551247
 Ion Ratio Lower Upper
 149 100
 91 72.8 61.0 91.4
 206 21.1 16.1 24.1





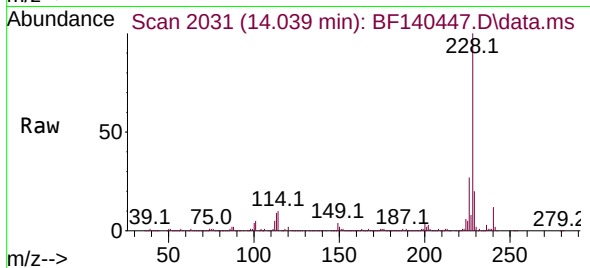
#81
Benzo(a)anthracene
Concen: 46.604 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

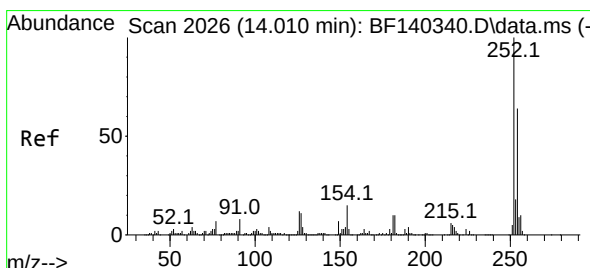
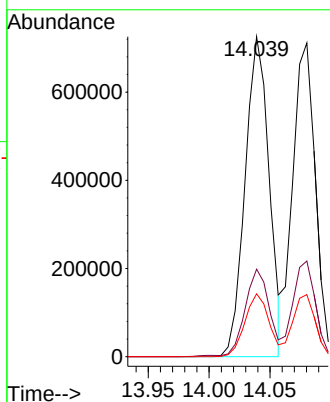
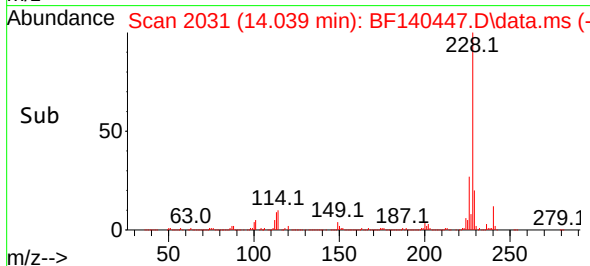


Tgt Ion:228 Resp: 995809
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 19.6 15.8 23.6

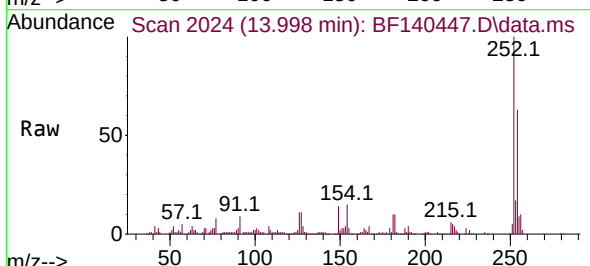
Manual Integrations

APPROVED

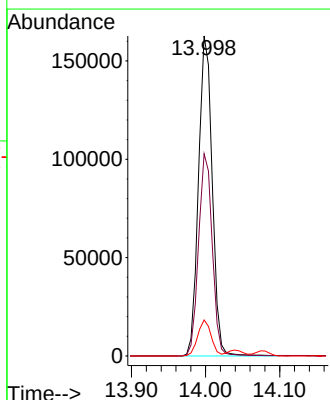
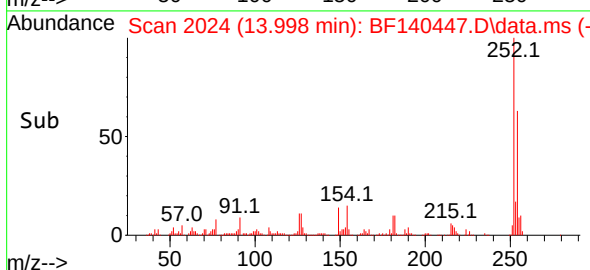
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

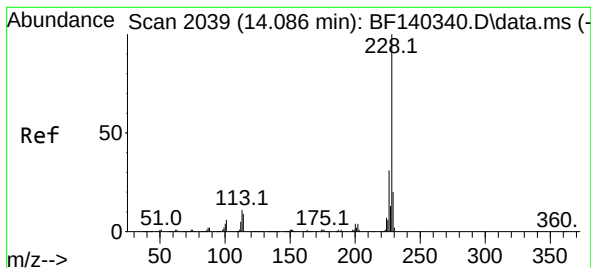


#82
3,3'-Dichlorobenzidine
Concen: 30.794 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



Tgt Ion:252 Resp: 209137
Ion Ratio Lower Upper
252 100
254 63.2 51.4 77.2
126 11.3 9.4 14.0





#83

Chrysene

Concen: 47.379 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

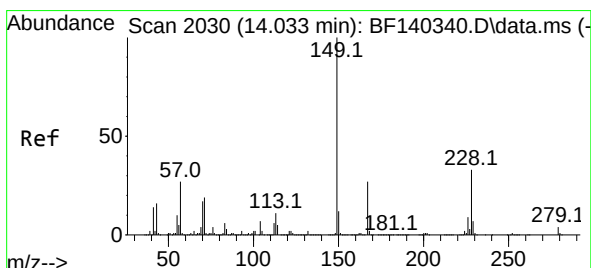
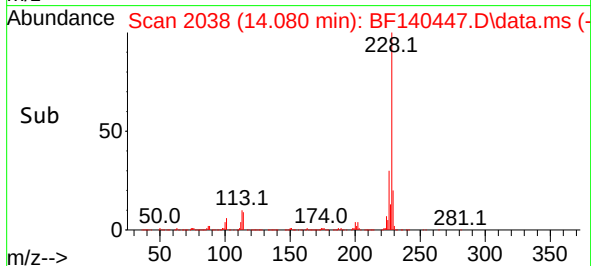
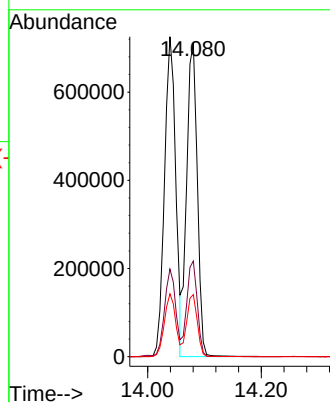
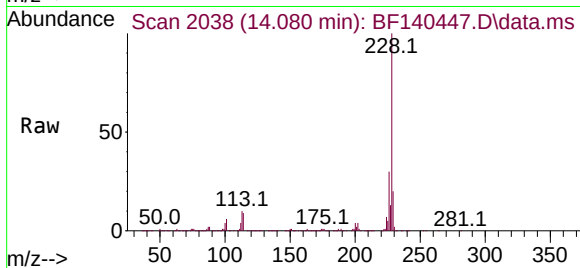
PB164846BSD

Tgt Ion:228 Resp: 923689
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.5 36.7
 229 19.8 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: 50.176 ng

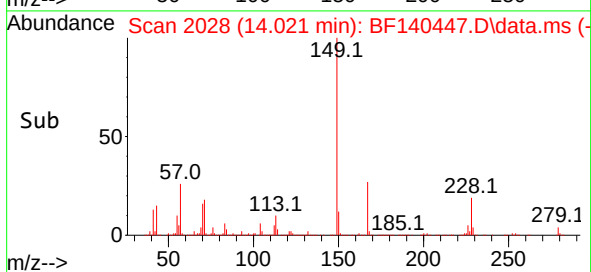
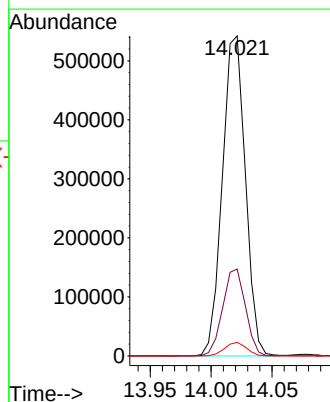
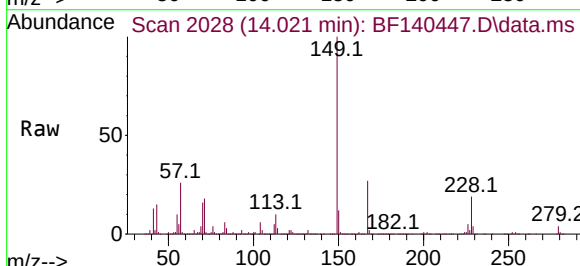
RT: 14.021 min Scan# 2028

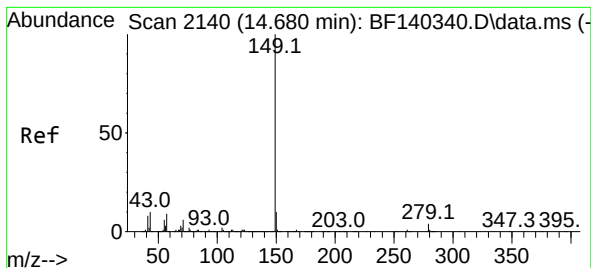
Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Tgt Ion:149 Resp: 715477
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.4 32.0
 279 4.3 3.0 4.6





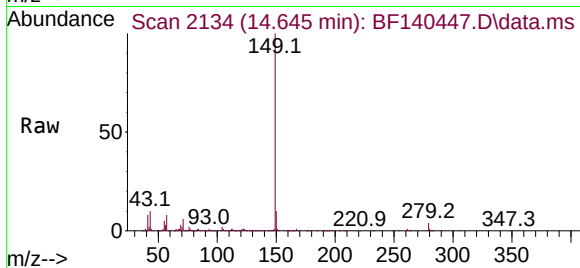
#85
Di-n-octyl phthalate
Concen: 47.915 ng
RT: 14.645 min Scan# 2140
Delta R.T. -0.018 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD



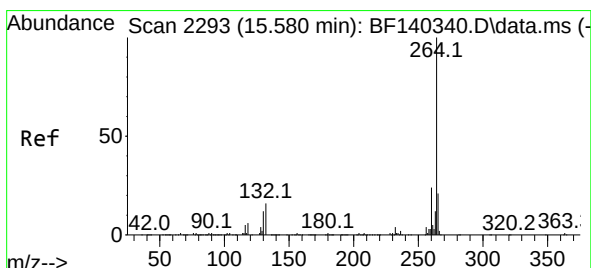
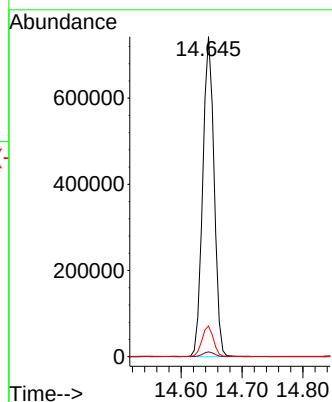
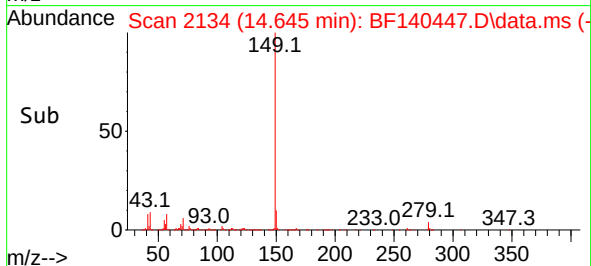
Tgt Ion:149 Resp: 962272
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.0 12.0

Manual Integrations

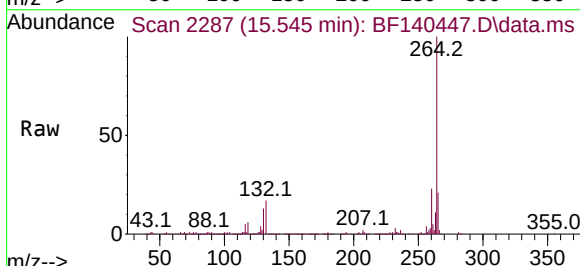
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

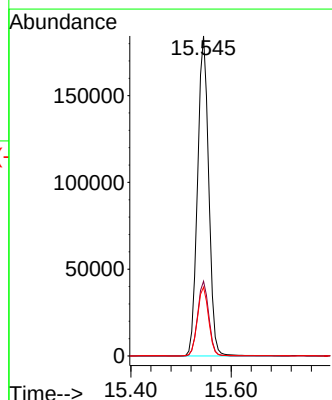
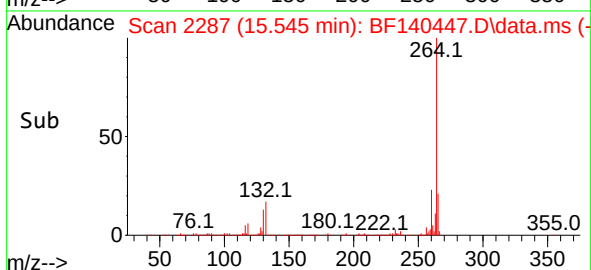
Supervised By :mohammad ahmed 11/19/2024

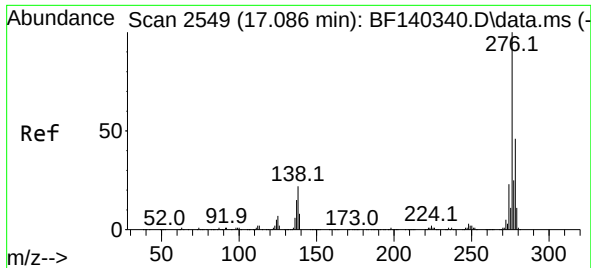


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



Tgt Ion:264 Resp: 284093
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.5 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.963 ng
RT: 17.057 min Scan# 21190
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

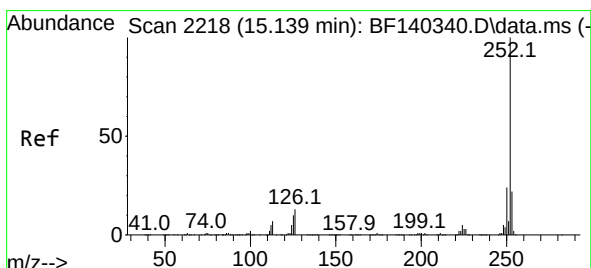
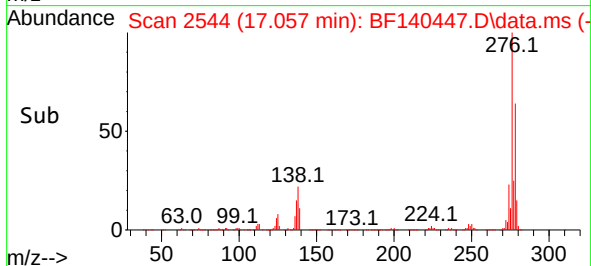
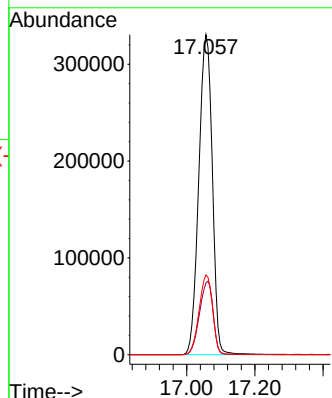
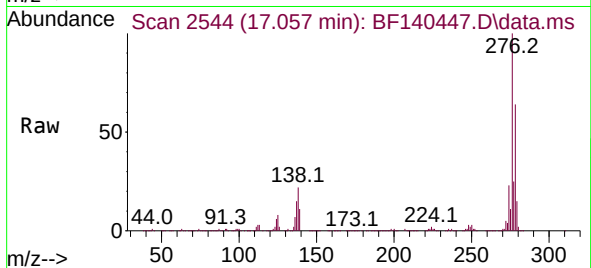
PB164846BSD

Tgt Ion:276 Resp: 91190
Ion Ratio Lower Upper
276 100
138 23.2 18.8 28.2
277 24.9 20.2 30.2

Manual Integrations

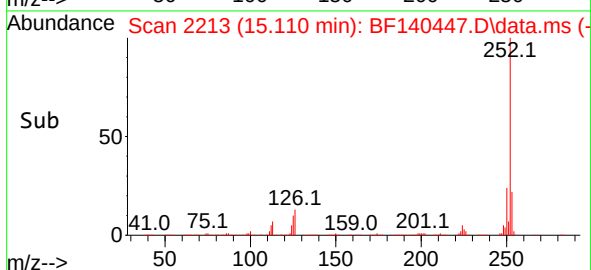
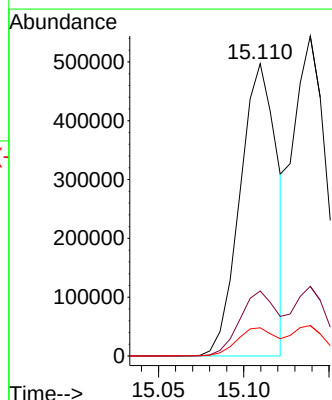
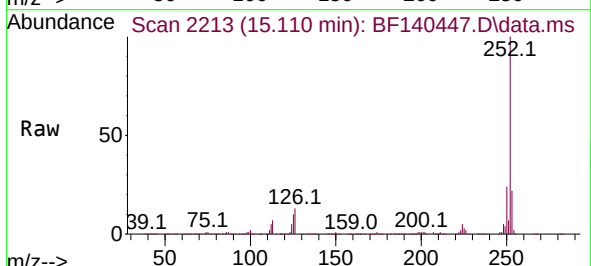
APPROVED

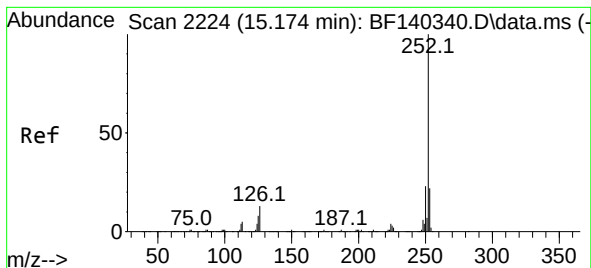
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#88
Benzo(b)fluoranthene
Concen: 40.237 ng
RT: 15.110 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:252 Resp: 747769
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.166 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

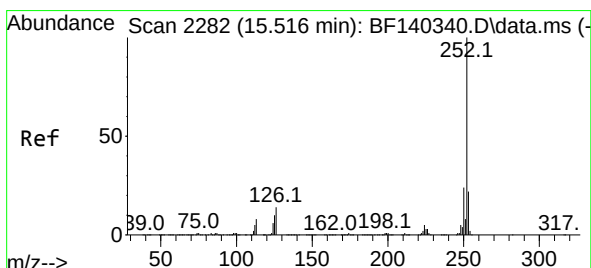
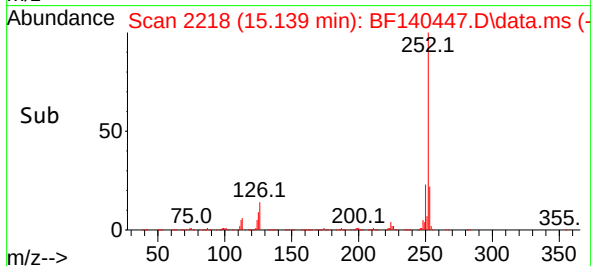
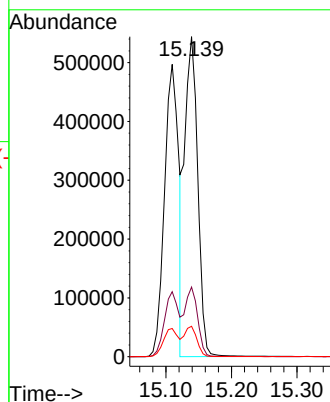
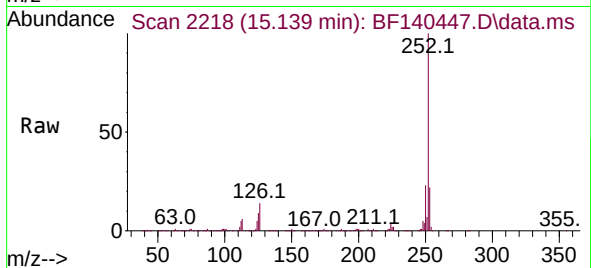
ClientSampleId :

PB164846BSD

Tgt Ion:252 Resp: 74642
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 9.5 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: 49.889 ng

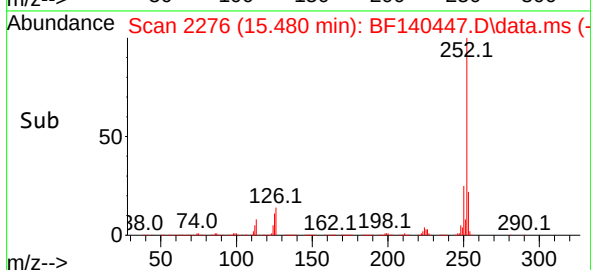
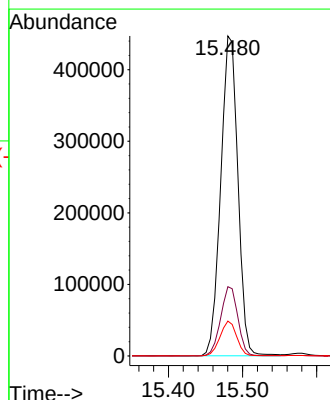
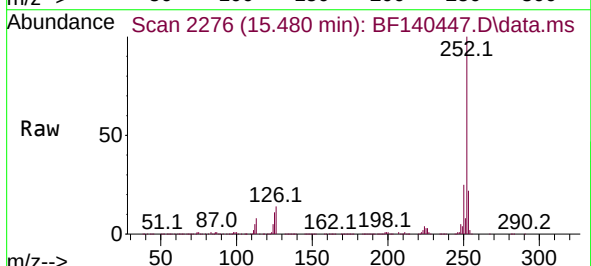
RT: 15.480 min Scan# 2276

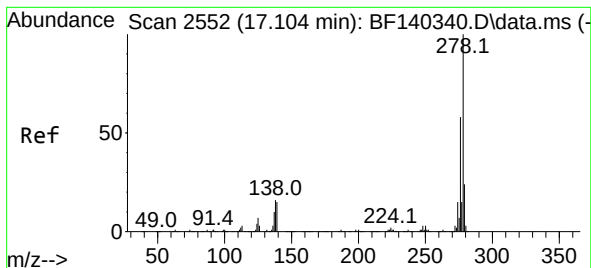
Delta R.T. -0.012 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Tgt Ion:252 Resp: 719976
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.6
 125 10.9 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 51.284 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

Tgt Ion:278 Resp: 74392

Ion Ratio Lower Upper

278 100

139 15.5 11.8 17.8

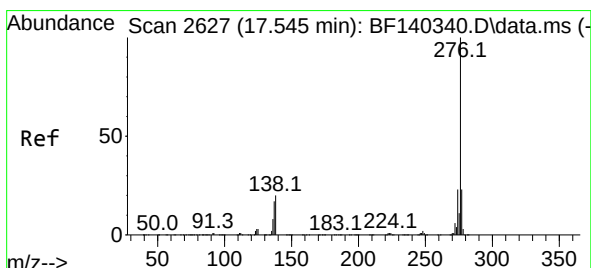
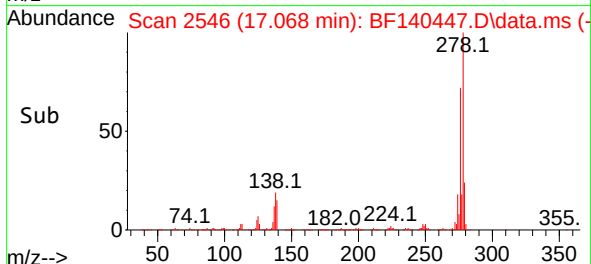
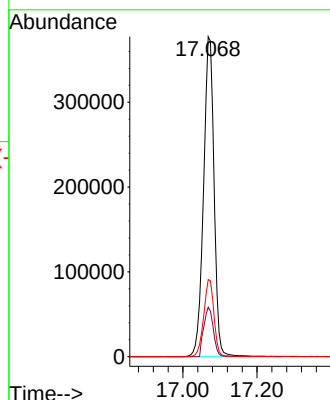
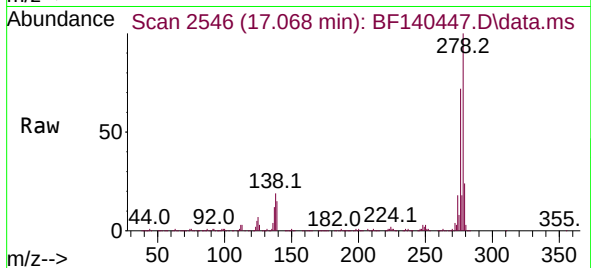
279 24.1 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#92

Benzo(g,h,i)perylene

Concen: 46.772 ng

RT: 17.509 min Scan# 2621

Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Tgt Ion:276 Resp: 693632

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 20.8 16.0 24.0

