

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140393.D
 Acq On : 15 Nov 2024 10:34
 Operator : RC/JU
 Sample : PB164789BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB164789BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 15 10:59:12 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	137404	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	514072	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	287836	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	536724	20.000	ng	0.00
76) Chrysene-d12	14.074	240	317210	20.000	ng	0.02
86) Perylene-d12	15.598	264	291377	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	990091	123.029	ng	0.03
7) Phenol-d6	6.528	99	1280343	117.428	ng	0.02
23) Nitrobenzene-d5	7.440	82	836591	84.791	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	373256	130.404	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1498050	83.665	ng	0.00
79) Terphenyl-d14	12.992	244	1685980	92.258	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	123586	34.456	ng	100
3) Pyridine	3.475	79	331501	37.594	ng	100
4) n-Nitrosodimethylamine	3.428	42	188597	42.318	ng	100
6) Aniline	6.540	93	414064	43.655	ng	# 24
8) 2-Chlorophenol	6.669	128	381885	44.176	ng	98
9) Benzaldehyde	6.428	77	36794	5.631	ng	98
10) Phenol	6.540	94	474305	41.250	ng	# 65
11) bis(2-Chloroethyl)ether	6.610	93	371031	42.587	ng	100
12) 1,3-Dichlorobenzene	6.816	146	393660	41.272	ng	99
13) 1,4-Dichlorobenzene	6.893	146	392709	40.605	ng	99
14) 1,2-Dichlorobenzene	7.045	146	382193	42.568	ng	99
15) Benzyl Alcohol	7.022	79	339155	43.174	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	490201	40.734	ng	# 40
17) 2-Methylphenol	7.140	107	300730	42.288	ng	# 90
18) Hexachloroethane	7.387	117	146897	41.086	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	269948	40.994	ng	99
20) 3+4-Methylphenols	7.293	107	378063	42.510	ng	94
22) Acetophenone	7.287	105	507637	42.458	ng	99
24) Nitrobenzene	7.457	77	419739	40.860	ng	99
25) Isophorone	7.698	82	738403	42.227	ng	99
26) 2-Nitrophenol	7.775	139	200521	43.987	ng	99
27) 2,4-Dimethylphenol	7.816	122	309252m	52.989	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	440947	41.125	ng	99
29) 2,4-Dichlorophenol	8.022	162	316416	43.869	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	323921	40.338	ng	99
31) Naphthalene	8.181	128	1093375	41.927	ng	100
32) Benzoic acid	7.940	122	215893	42.040	ng	97
33) 4-Chloroaniline	8.234	127	365292	40.278	ng	99
34) Hexachlorobutadiene	8.292	225	207460	40.548	ng	99
35) Caprolactam	8.592	113	107030m	44.646	ng	
36) 4-Chloro-3-methylphenol	8.722	107	347888	43.523	ng	99
37) 2-Methylnaphthalene	8.869	142	710588	42.495	ng	100
38) 1-Methylnaphthalene	8.969	142	661889	40.422	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	335342	42.130	ng	99
41) Hexachlorocyclopentadiene	9.022	237	332637	162.766	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	230246	44.078	ng	98

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Reviewed By :Yogesh Patel 11/18/2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

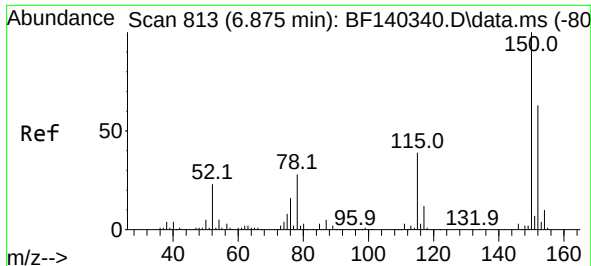
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	241036	42.205	ng	97
46) 1,1'-Biphenyl	9.334	154	880236	42.036	ng	99
47) 2-Chloronaphthalene	9.363	162	660643	41.416	ng	99
48) 2-Nitroaniline	9.457	65	235801	44.574	ng	97
49) Acenaphthylene	9.775	152	1101638	45.646	ng	100
50) Dimethylphthalate	9.634	163	798078	42.538	ng	100
51) 2,6-Dinitrotoluene	9.698	165	177675	41.541	ng	99
52) Acenaphthene	9.951	154	779513m	47.821	ng	
53) 3-Nitroaniline	9.875	138	165184	36.774	ng	99
54) 2,4-Dinitrophenol	9.981	184	208629	94.589	ng	99
55) Dibenzofuran	10.122	168	999863	43.330	ng	100
56) 4-Nitrophenol	10.051	139	291245	88.892	ng	99
57) 2,4-Dinitrotoluene	10.104	165	246023	43.705	ng	99
58) Fluorene	10.469	166	772092	42.354	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	211528	46.908	ng	98
60) Diethylphthalate	10.334	149	806565	42.043	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	371728	41.304	ng	98
62) 4-Nitroaniline	10.492	138	200492	43.654	ng	100
63) Azobenzene	10.616	77	803243	42.375	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	140240	48.565	ng	100
66) n-Nitrosodiphenylamine	10.575	169	686072	44.240	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	229260	42.731	ng	99
68) Hexachlorobenzene	11.016	284	259344	42.962	ng	97
69) Atrazine	11.104	200	160807	34.274	ng	100
70) Pentachlorophenol	11.216	266	268128	82.458	ng	97
71) Phenanthrene	11.433	178	1118916	44.379	ng	100
72) Anthracene	11.480	178	1141349	46.189	ng	99
73) Carbazole	11.639	167	1070940	43.893	ng	100
74) Di-n-butylphthalate	11.963	149	1239558	42.329	ng	100
75) Fluoranthene	12.622	202	1226619	43.364	ng	100
77) Benzidine	12.739	184	211770	17.394	ng	99
78) Pyrene	12.851	202	1233627	45.466	ng	100
80) Butylbenzylphthalate	13.469	149	470859	45.174	ng	96
81) Benzo(a)anthracene	14.063	228	939325	45.056	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	268070	40.455	ng	99
83) Chrysene	14.098	228	854525	44.923	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	594170	42.707	ng	99
85) Di-n-octyl phthalate	14.698	149	828270	42.271	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	838769	46.601	ng	100
88) Benzo(b)fluoranthene	15.157	252	778217	40.829	ng	100
89) Benzo(k)fluoranthene	15.192	252	690747	44.361	ng	100
90) Benzo(a)pyrene	15.539	252	691951	46.748	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	685624	46.083	ng	100
92) Benzo(g,h,i)perylene	17.574	276	647910	42.597	ng	99

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

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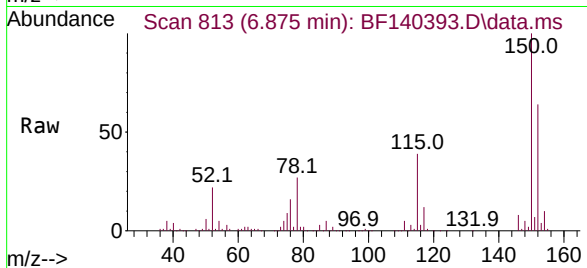
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

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PB164789BS

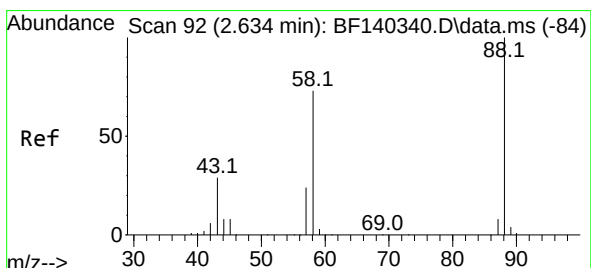
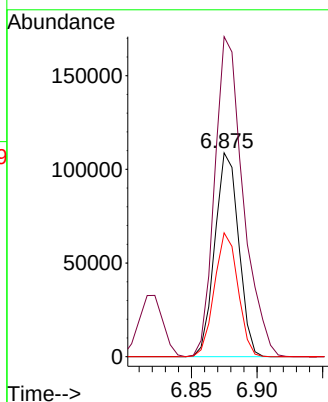
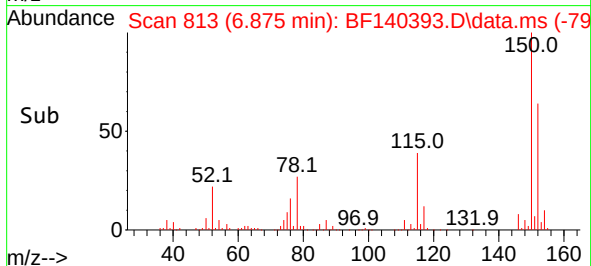


Tgt Ion:152 Resp: 137404
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 60.8 47.4 71.2

Manual Integrations

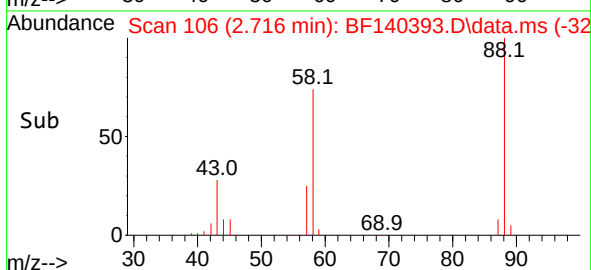
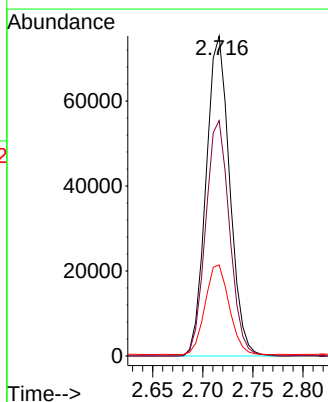
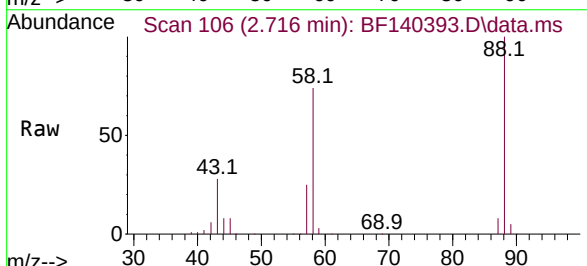
APPROVED

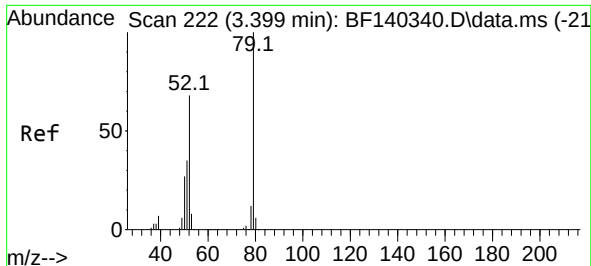
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#2
1,4-Dioxane
Concen: 34.456 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.082 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

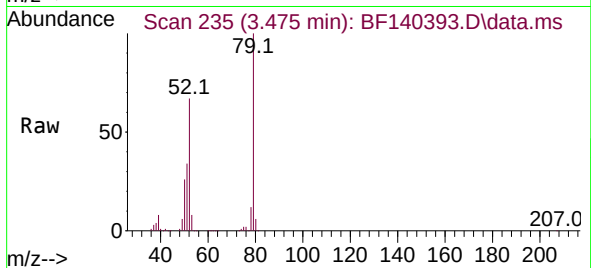
Tgt Ion: 88 Resp: 123586
Ion Ratio Lower Upper
88 100
58 74.4 59.5 89.3
43 28.6 23.4 35.2





#3
Pyridine
Concen: 37.594 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

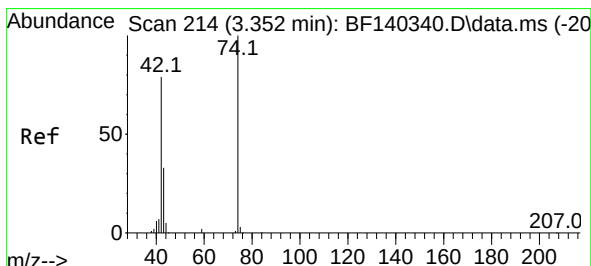
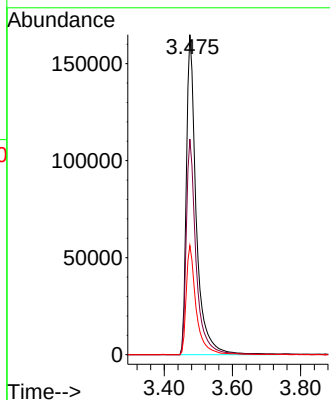
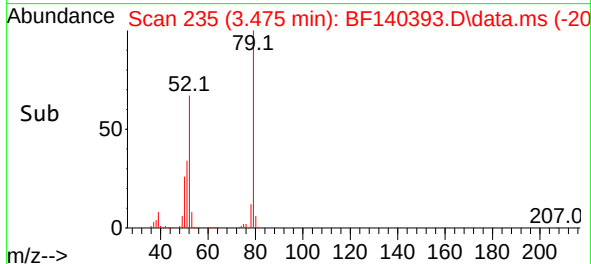
Instrument :
BNA_F
ClientSampleId :
PB164789BS



Tgt Ion: 79 Resp: 33150
Ion Ratio Lower Upper
79 100
52 67.4 53.8 80.6
51 34.1 27.3 40.9

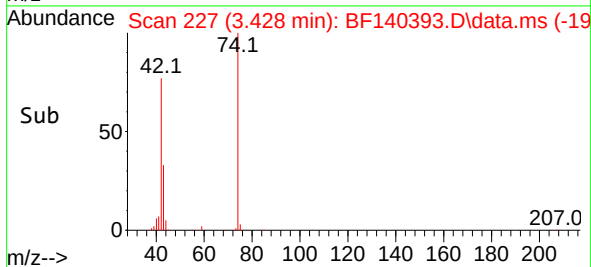
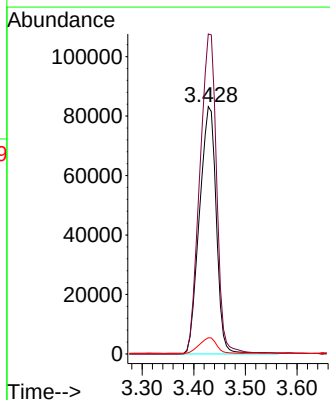
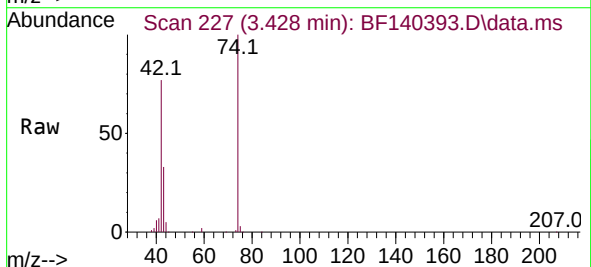
Manual Integrations
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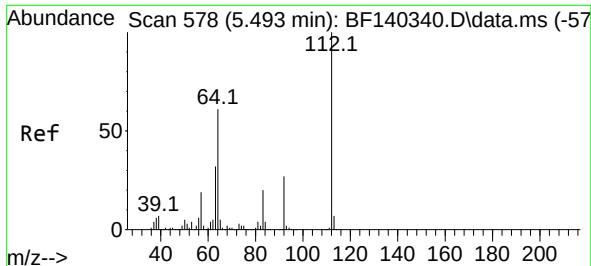
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#4
n-Nitrosodimethylamine
Concen: 42.318 ng
RT: 3.428 min Scan# 227
Delta R.T. 0.071 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion: 42 Resp: 188597
Ion Ratio Lower Upper
42 100
74 129.4 103.5 155.3
44 6.6 5.1 7.7





#5
2-Fluorophenol
Concen: 123.029 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

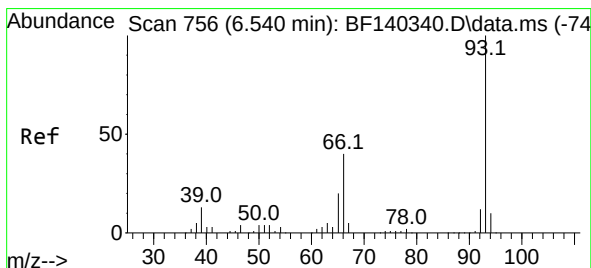
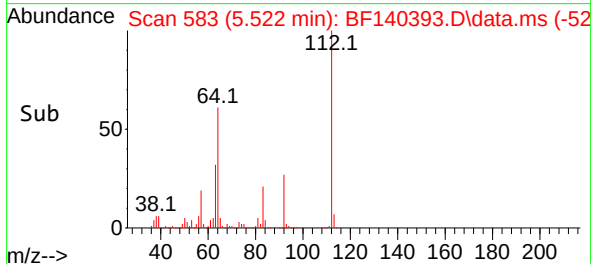
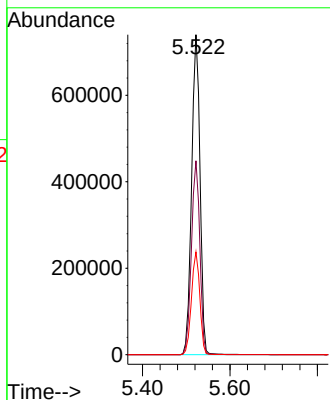
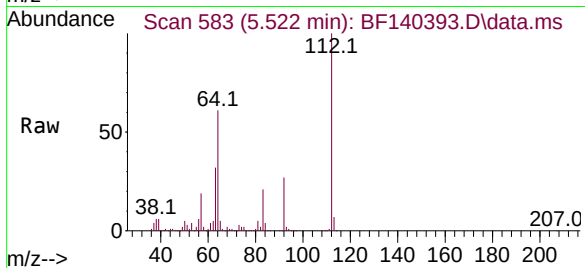
ClientSampleId :

PB164789BS

Tgt Ion:112 Resp: 990091
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 32.1 25.6 38.4

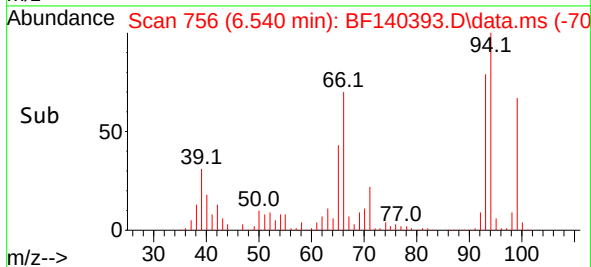
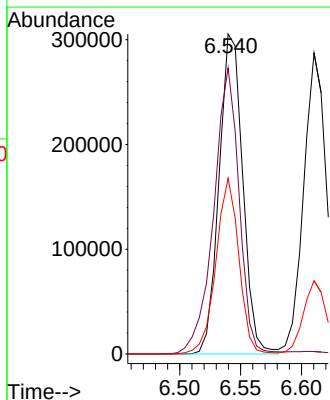
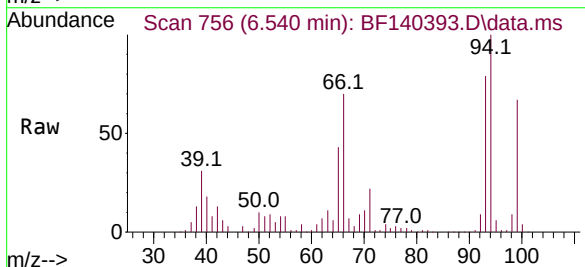
Manual Integrations
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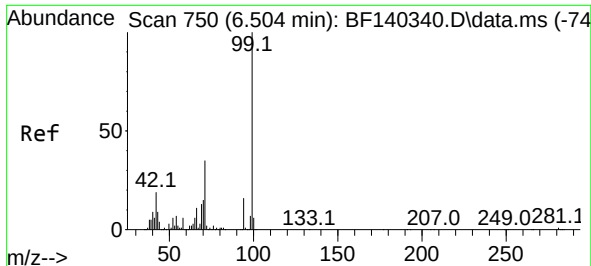
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#6
Aniline
Concen: 43.655 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion: 93 Resp: 414064
Ion Ratio Lower Upper
93 100
66 89.4 32.8 49.2#
65 54.9 16.6 25.0#





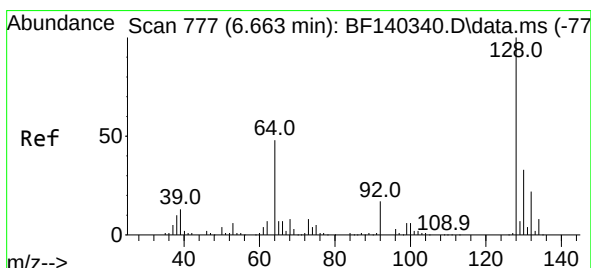
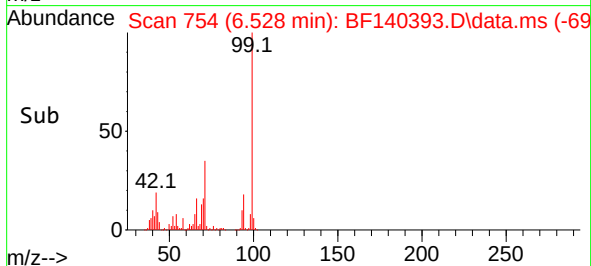
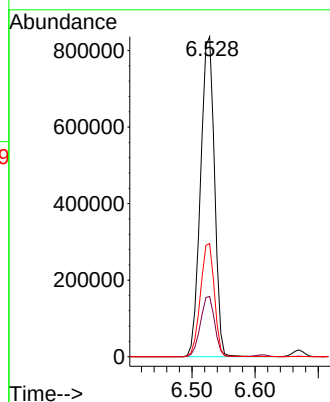
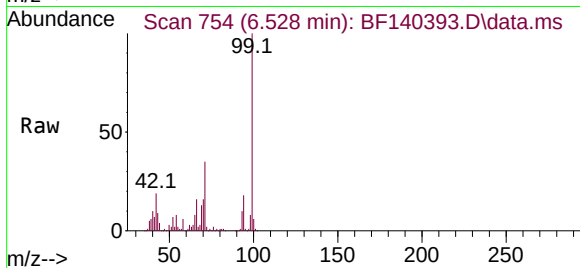
#7
Phenol-d6
Concen: 117.428 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.024 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 128034
Ion Ratio Lower Upper
99 100
42 18.8 15.1 22.7
71 35.3 27.9 41.9

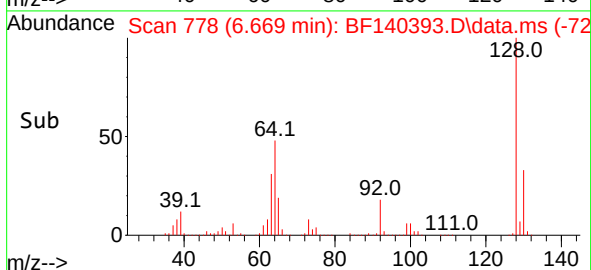
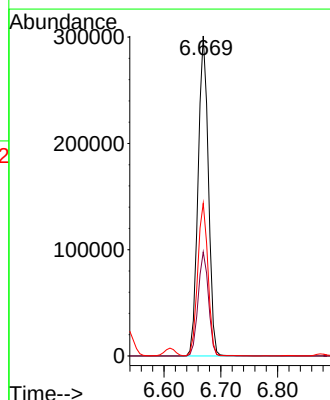
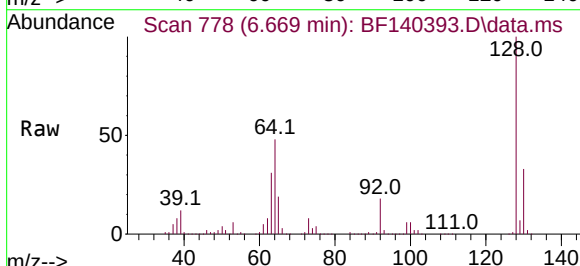
Manual Integrations
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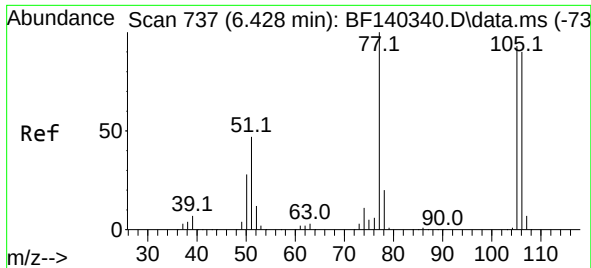
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#8
2-Chlorophenol
Concen: 44.176 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

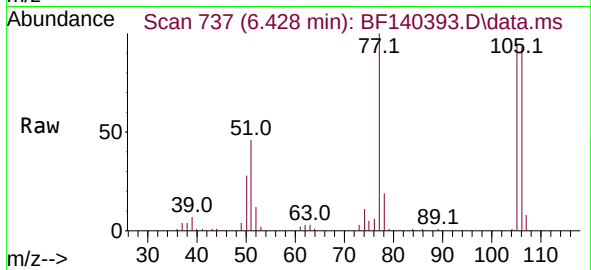
Tgt Ion:128 Resp: 381885
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 47.7 30.2 70.2





#9
Benzaldehyde
Concen: 5.631 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

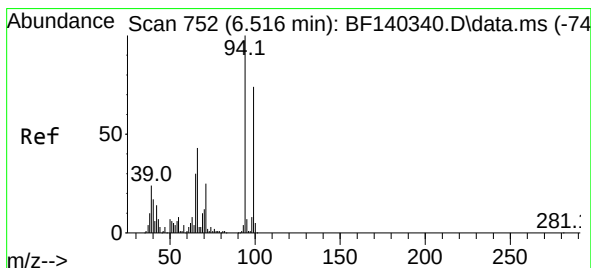
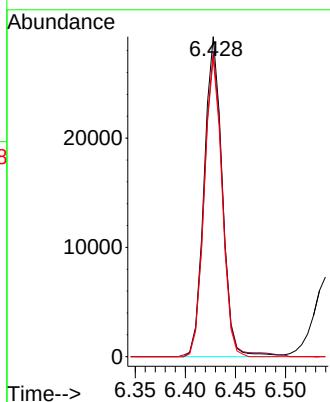
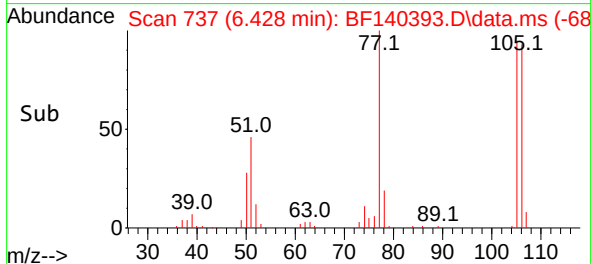
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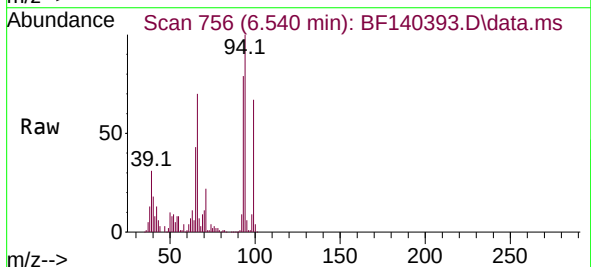
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Ion Ratio Lower Upper
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105 95.5 74.4 114.4
106 93.4 69.9 109.9

Manual Integrations
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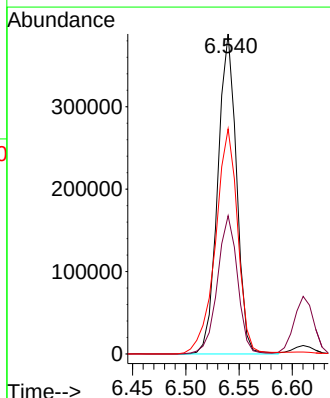
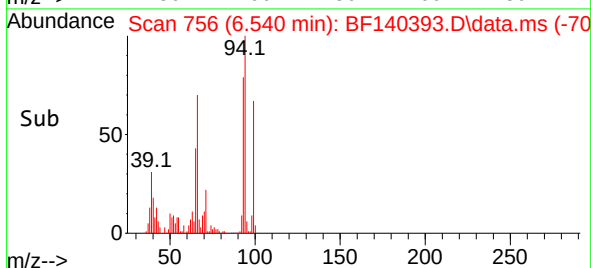
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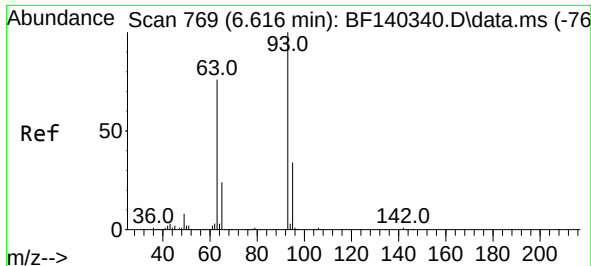


#10
Phenol
Concen: 41.250 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.018 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



Tgt Ion: 94 Resp: 474305
Ion Ratio Lower Upper
94 100
65 43.2 10.4 50.4
66 70.3 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 42.587 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

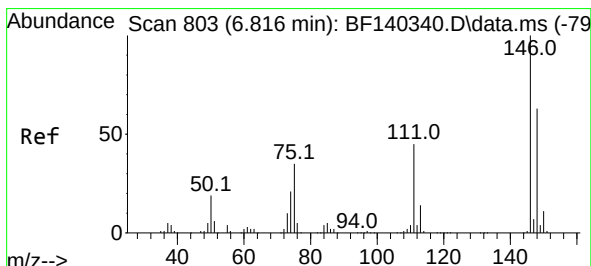
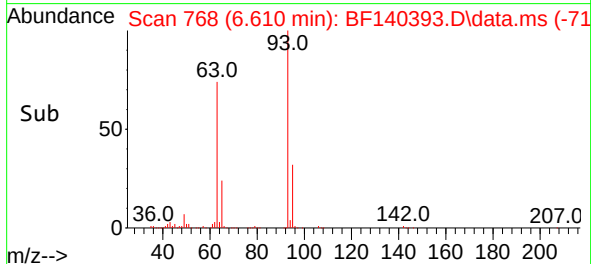
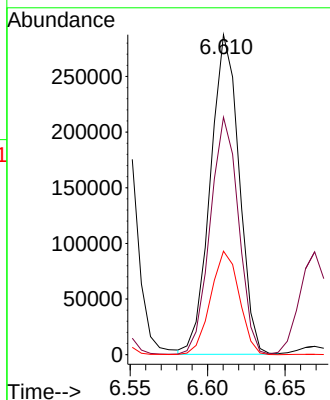
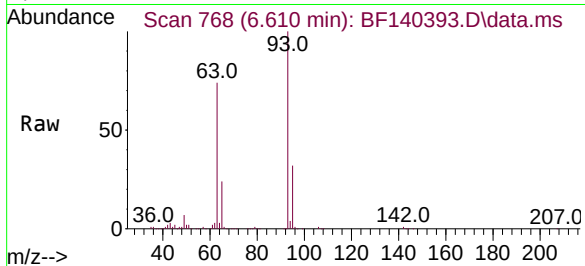
ClientSampleId :

PB164789BS

Tgt Ion: 93 Resp: 37103
Ion Ratio Lower Upper
93 100
63 74.2 54.0 94.0
95 32.4 12.9 52.9

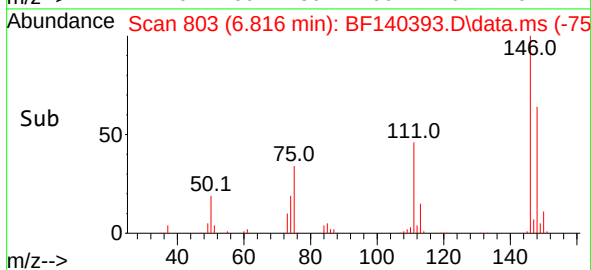
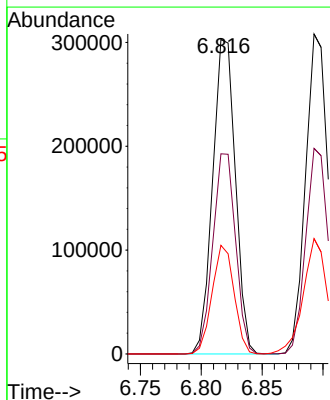
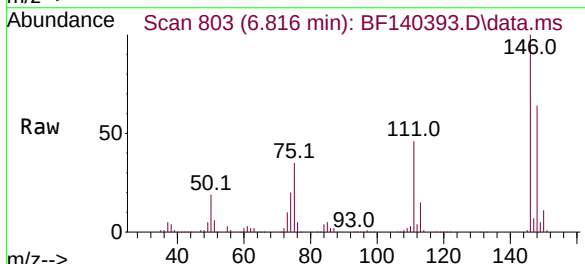
Manual Integrations
APPROVED

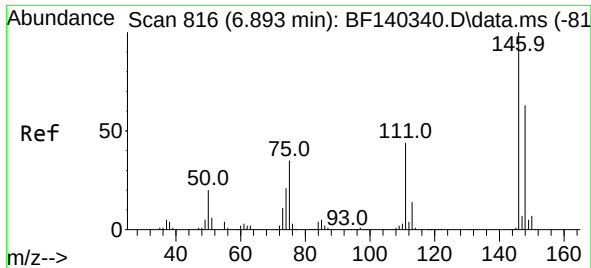
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#12
1,3-Dichlorobenzene
Concen: 41.272 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:146 Resp: 393660
Ion Ratio Lower Upper
146 100
148 63.7 50.7 76.1
75 34.6 26.4 39.6





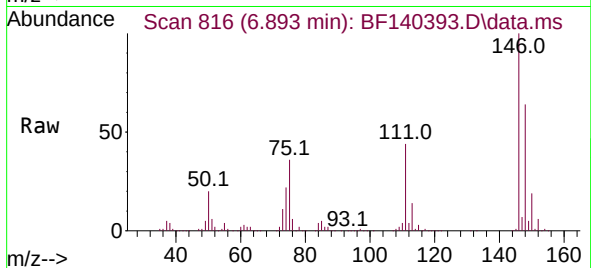
#13
1,4-Dichlorobenzene
Concen: 40.605 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

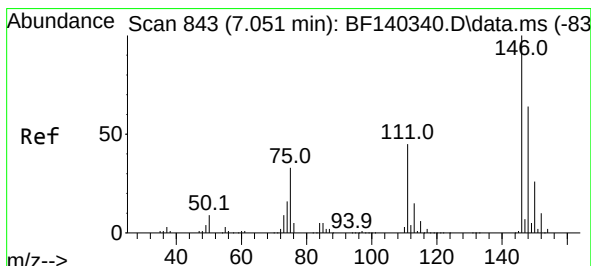
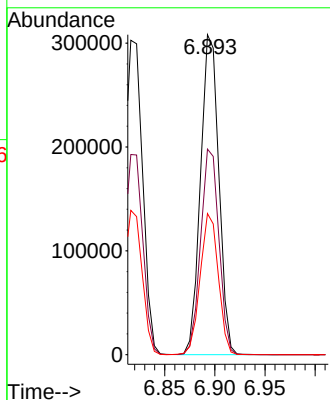
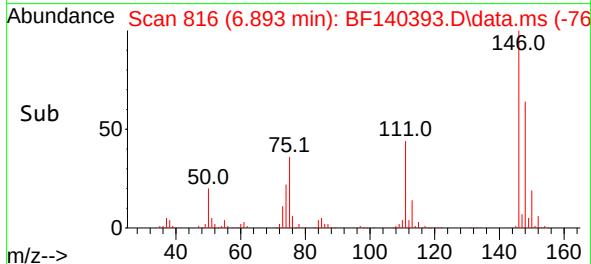


Tgt Ion:146 Resp: 392709
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 44.1 34.2 51.2

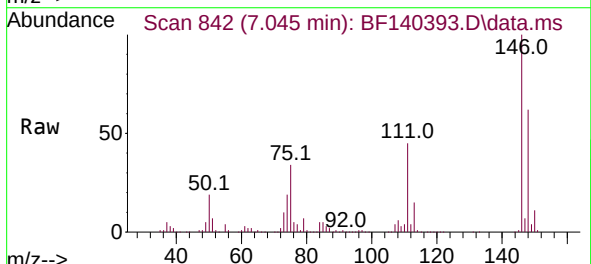
Manual Integrations

APPROVED

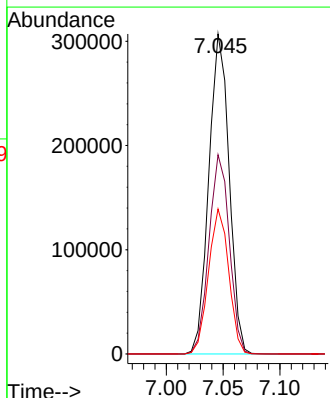
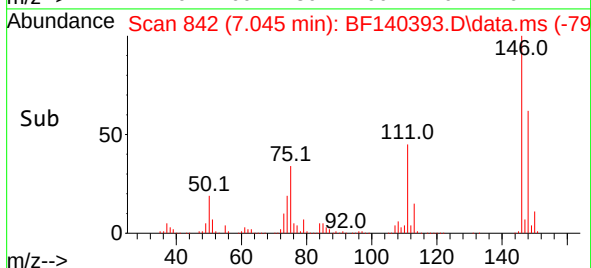
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

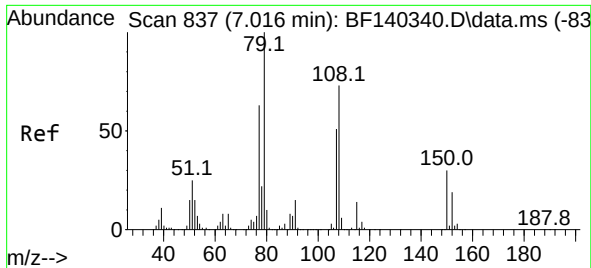


#14
1,2-Dichlorobenzene
Concen: 42.568 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



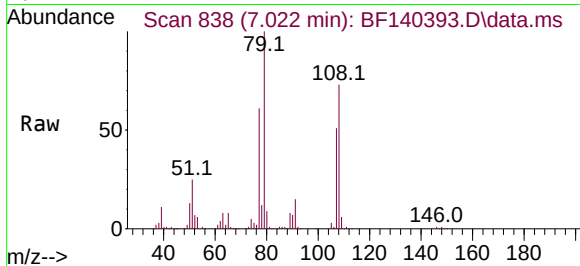
Tgt Ion:146 Resp: 382193
Ion Ratio Lower Upper
146 100
148 62.3 51.2 76.8
111 45.3 36.5 54.7





#15
Benzyl Alcohol
Concen: 43.174 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

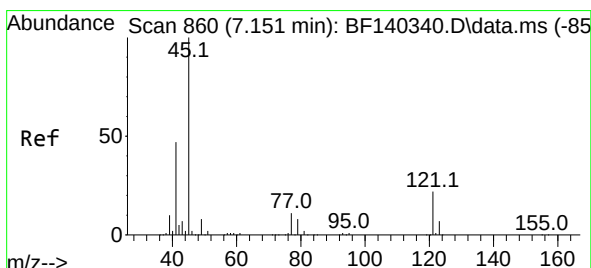
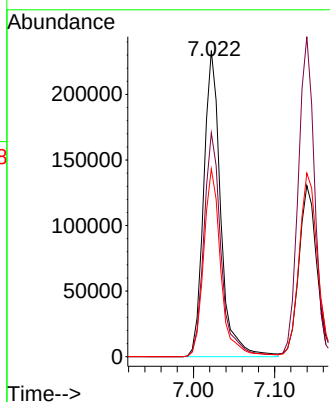
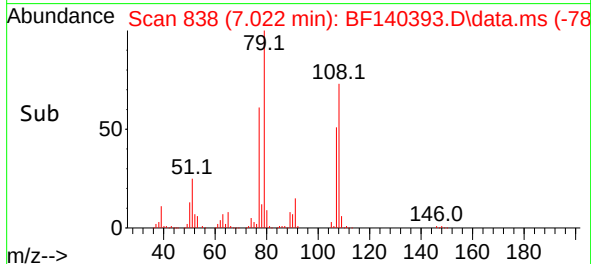
Instrument :
BNA_F
ClientSampleId :
PB164789BS



Tgt Ion: 79 Resp: 33915
Ion Ratio Lower Upper
79 100
108 73.1 57.8 86.6
77 61.4 49.8 74.6

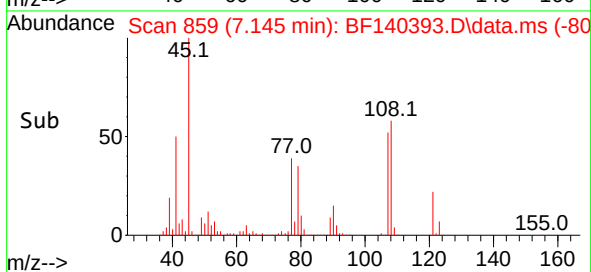
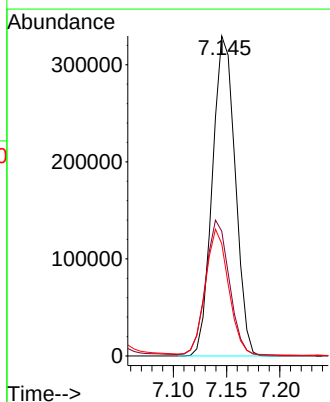
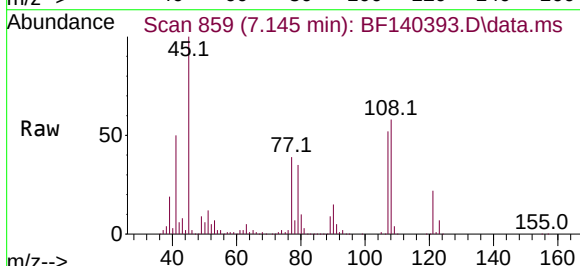
Manual Integrations
APPROVED

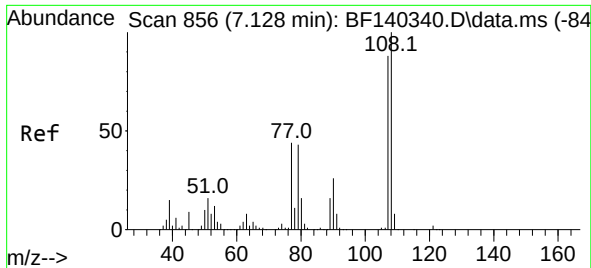
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.734 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion: 45 Resp: 490201
Ion Ratio Lower Upper
45 100
77 39.0 0.0 34.8#
79 35.1 0.0 31.4#





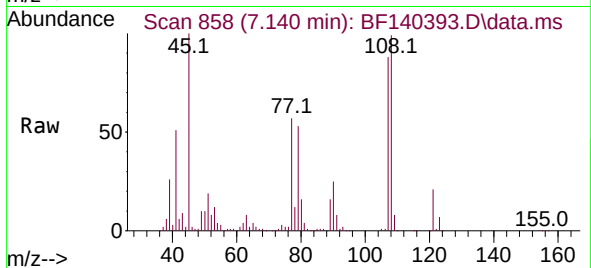
#17
2-Methylphenol
Concen: 42.288 ng
RT: 7.140 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS



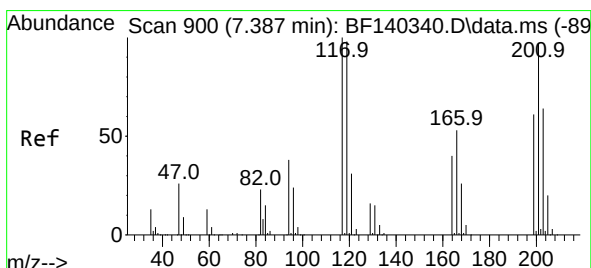
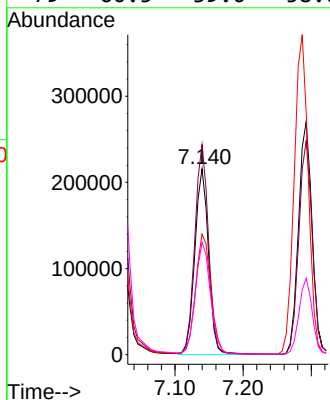
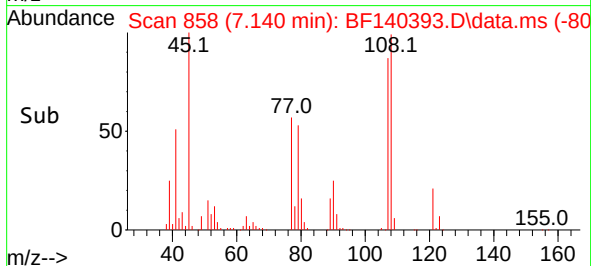
Tgt Ion:107 Resp: 300730
Ion Ratio Lower Upper
107 100
108 113.0 91.9 137.9
77 64.8 39.7 59.5
79 60.5 39.0 58.6#

Manual Integrations

APPROVED

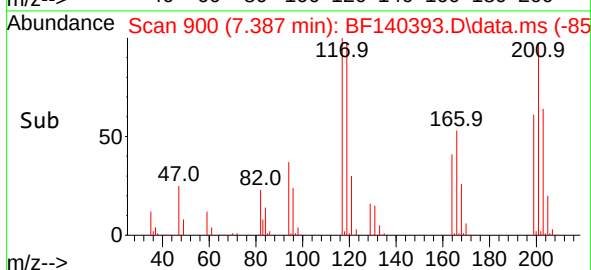
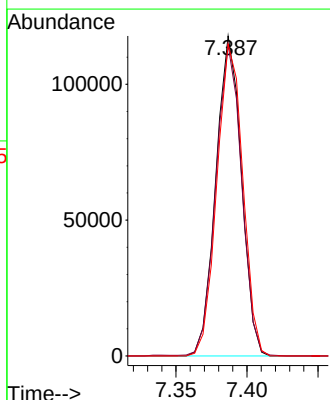
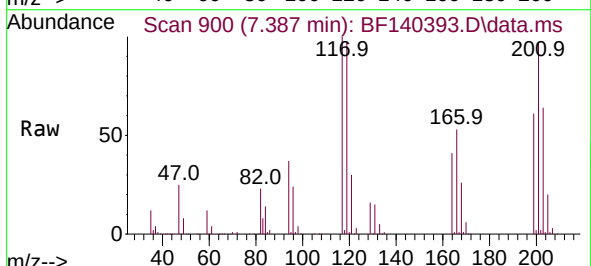
Reviewed By :Yogesh Patel 11/18/2024

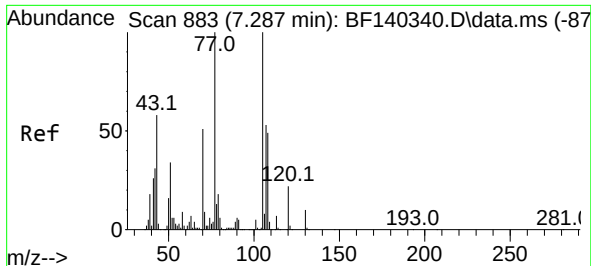
Supervised By :mohammad ahmed 11/18/2024



#18
Hexachloroethane
Concen: 41.086 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:117 Resp: 146897
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3
201 97.5 80.2 120.4





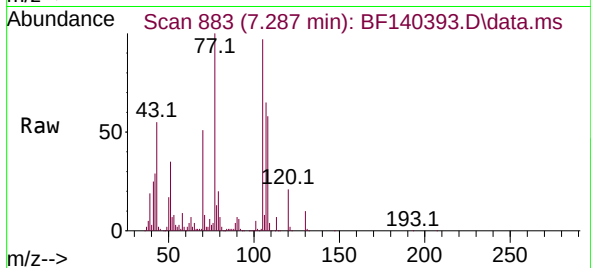
#19
n-Nitroso-di-n-propylamine
Concen: 40.994 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS



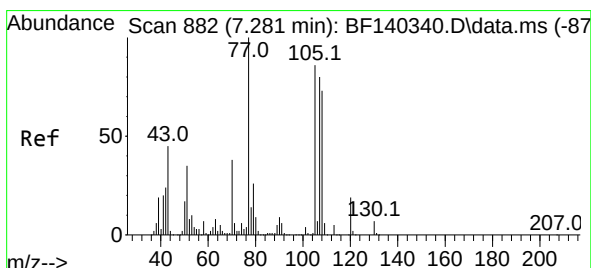
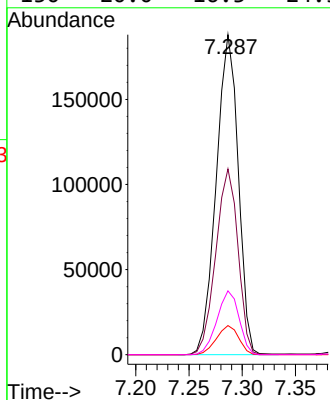
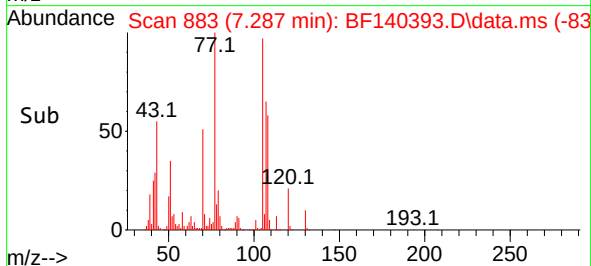
Tgt Ion: 70 Resp: 26994
Ion Ratio Lower Upper
70 100
42 58.1 46.8 70.2
101 9.1 7.5 11.3
130 20.0 16.3 24.5

Manual Integrations

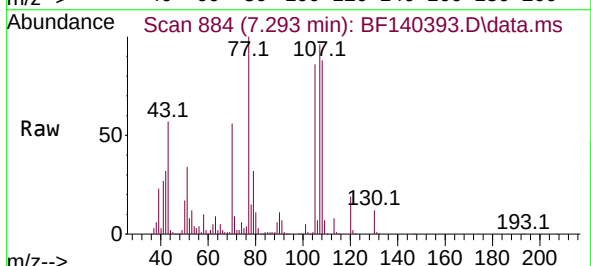
APPROVED

Reviewed By :Yogesh Patel 11/18/2024

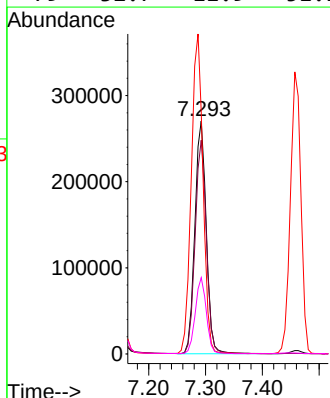
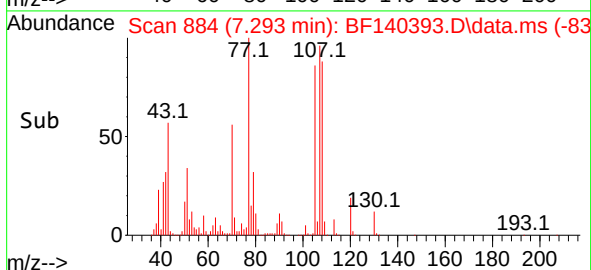
Supervised By :mohammad ahmed 11/18/2024

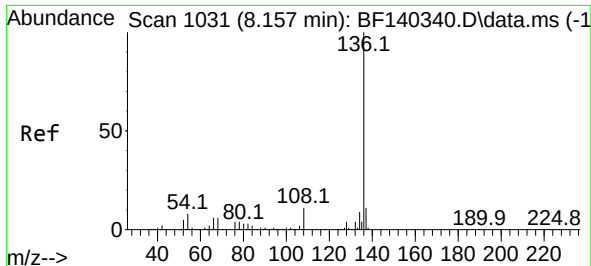


#20
3+4-Methylphenols
Concen: 42.510 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



Tgt Ion:107 Resp: 378063
Ion Ratio Lower Upper
107 100
108 91.8 71.4 111.4
77 103.8 97.0 137.0
79 32.7 11.9 51.9





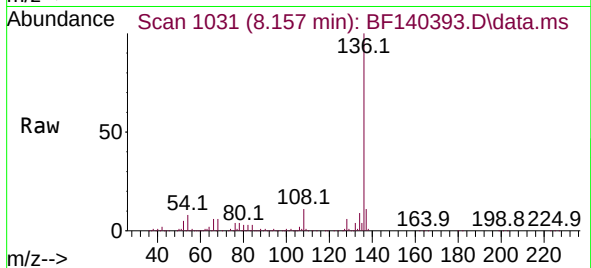
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS



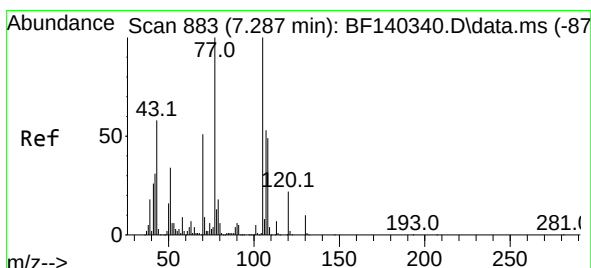
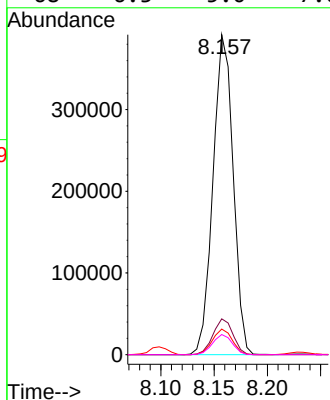
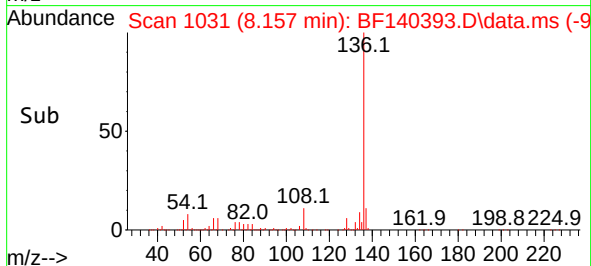
Tgt Ion:136 Resp: 514072
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.0 6.5 9.7
68 6.3 5.0 7.6

Manual Integrations

APPROVED

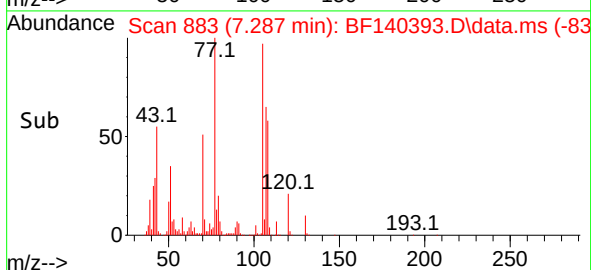
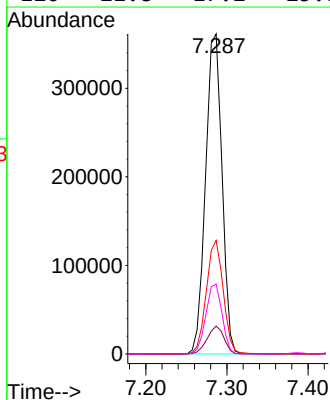
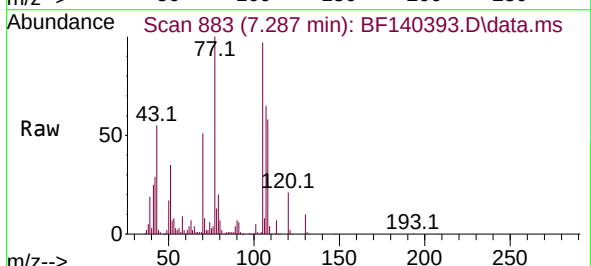
Reviewed By :Yogesh Patel 11/18/2024

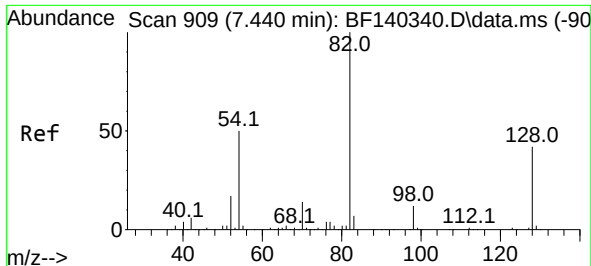
Supervised By :mohammad ahmed 11/18/2024



#22
Acetophenone
Concen: 42.458 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:105 Resp: 507637
Ion Ratio Lower Upper
105 100
71 8.7 6.9 10.3
51 35.5 28.6 43.0
120 21.8 17.2 25.8





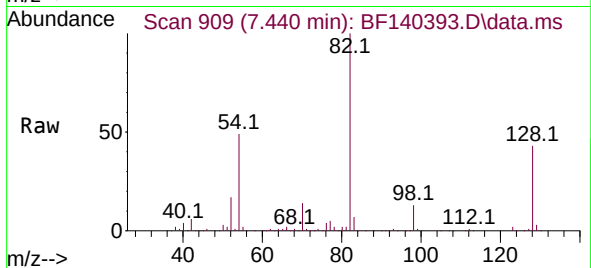
#23
Nitrobenzene-d5
Concen: 84.791 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

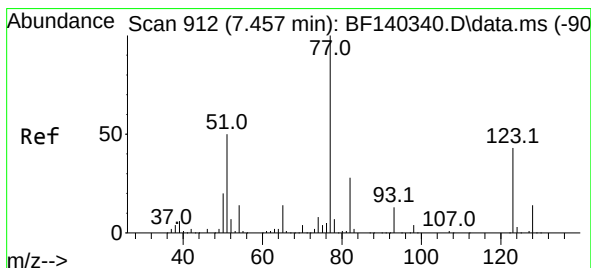
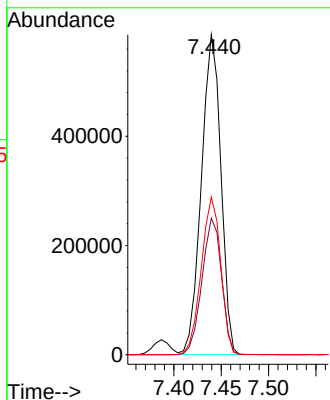
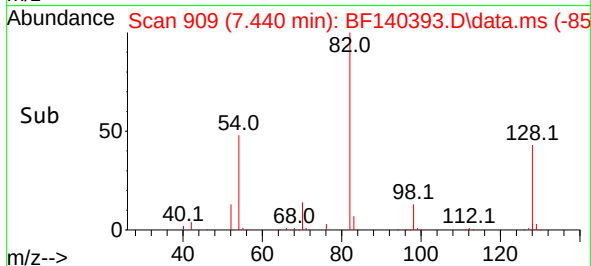


Tgt Ion: 82 Resp: 83659
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 49.3 39.8 59.8

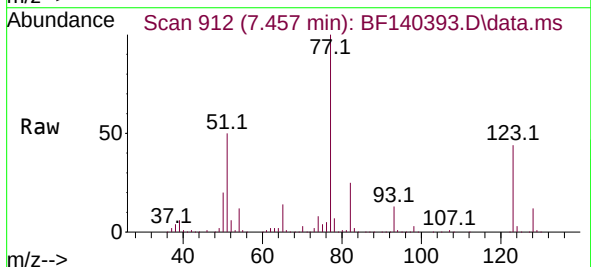
Manual Integrations

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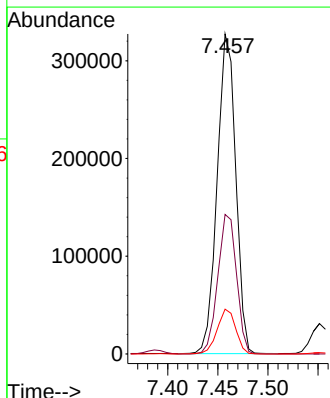
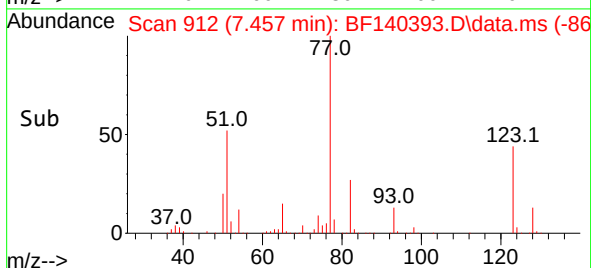
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

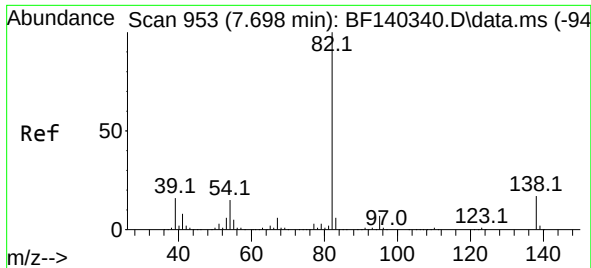


#24
Nitrobenzene
Concen: 40.860 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



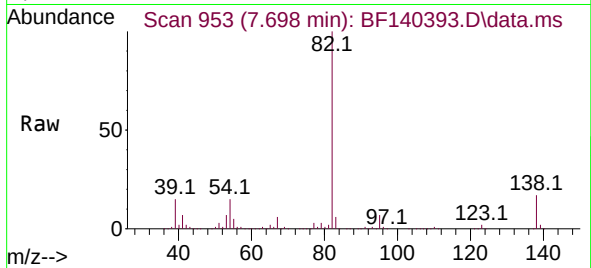
Tgt Ion: 77 Resp: 419739
Ion Ratio Lower Upper
77 100
123 43.6 35.4 53.0
65 14.0 11.1 16.7





#25
Isophorone
Concen: 42.227 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

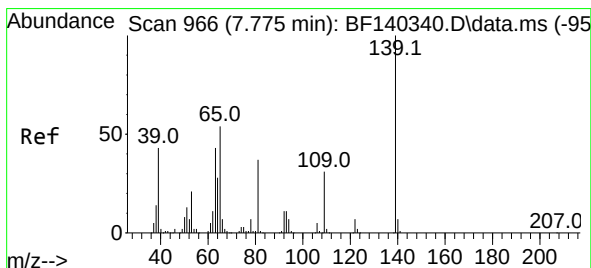
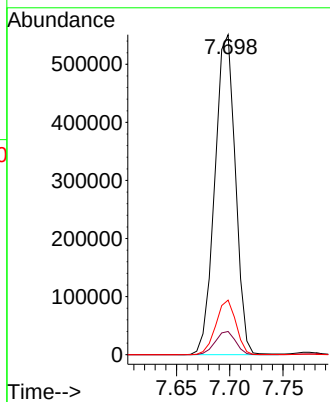
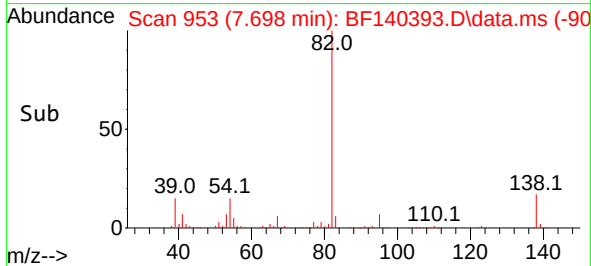
Instrument :
BNA_F
ClientSampleId :
PB164789BS



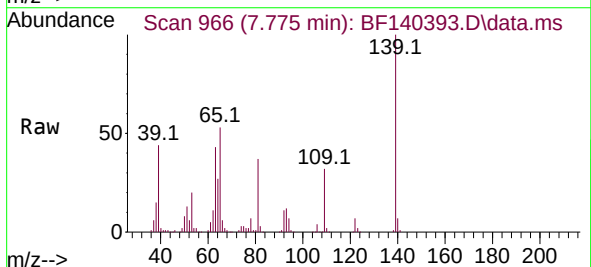
Tgt Ion: 82 Resp: 73840
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 17.1 13.4 20.2

Manual Integrations
APPROVED

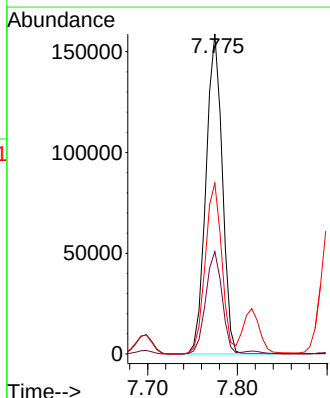
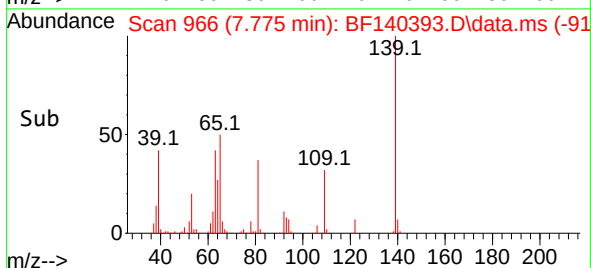
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

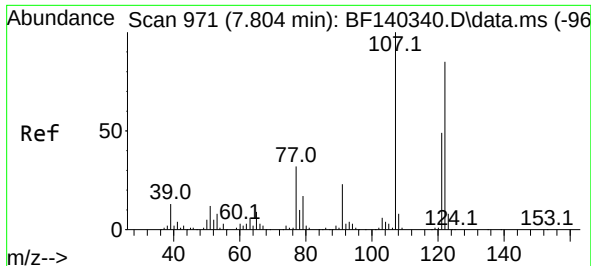


#26
2-Nitrophenol
Concen: 43.987 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



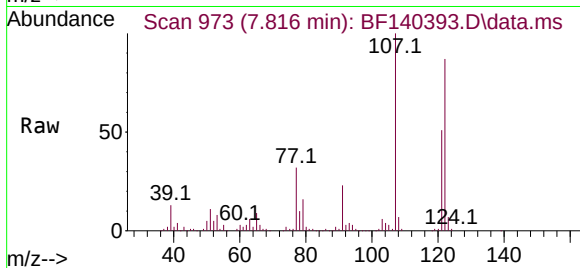
Tgt Ion:139 Resp: 200521
Ion Ratio Lower Upper
139 100
109 32.0 24.4 36.6
65 53.4 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 52.989 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

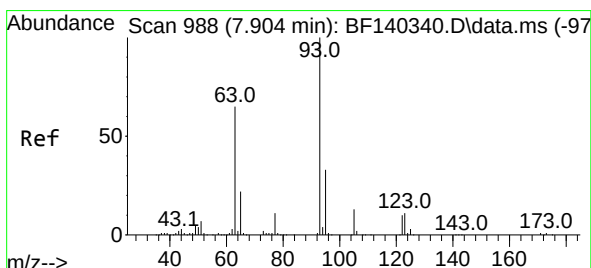
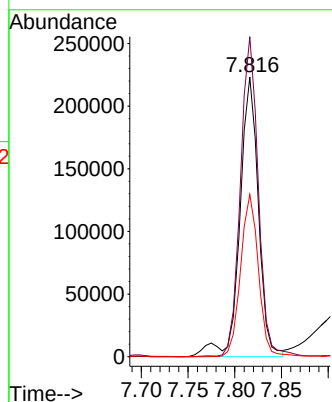
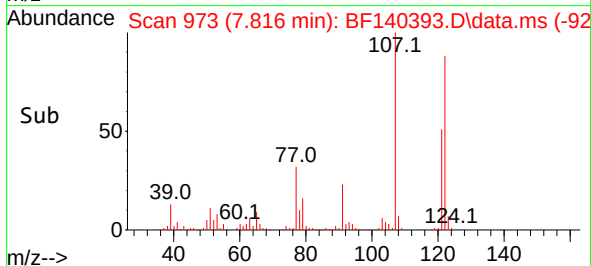
Instrument :
BNA_F
ClientSampleId :
PB164789BS



Tgt Ion:122 Resp: 30925
Ion Ratio Lower Upper
122 100
107 114.4 91.3 136.9
121 58.0 45.5 68.3

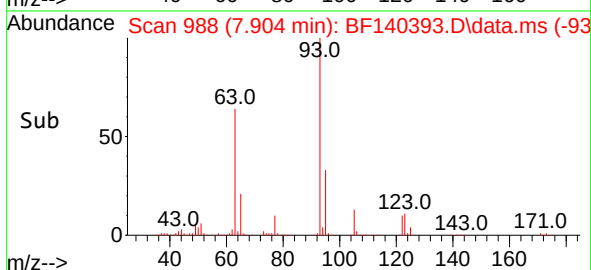
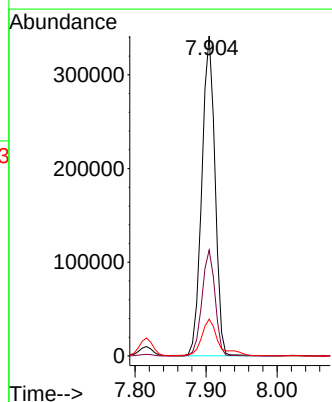
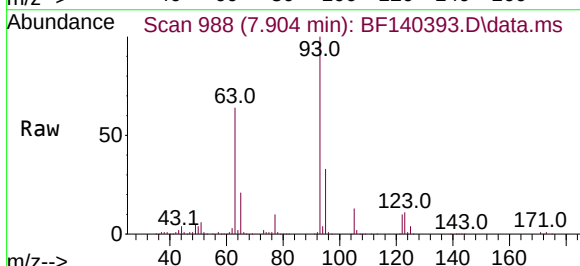
Manual Integrations
APPROVED

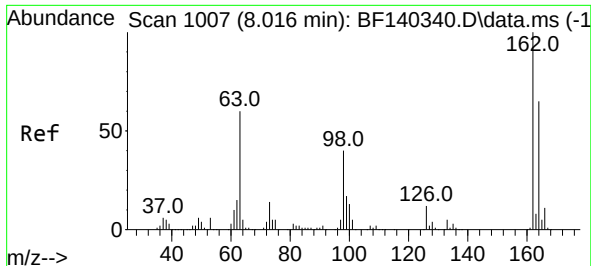
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.125 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion: 93 Resp: 440947
Ion Ratio Lower Upper
93 100
95 33.1 25.9 38.9
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.869 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

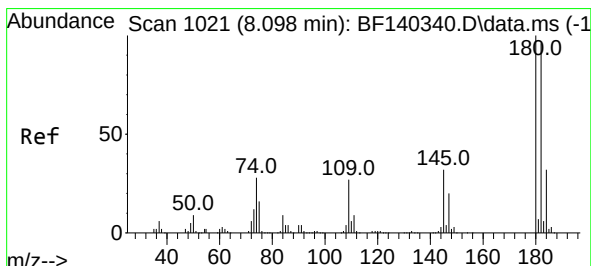
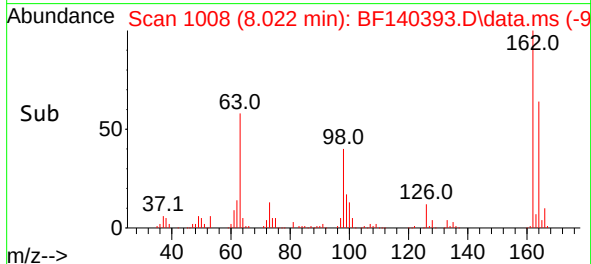
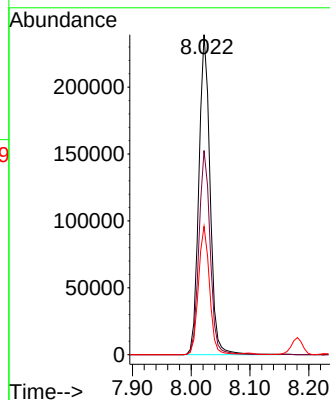
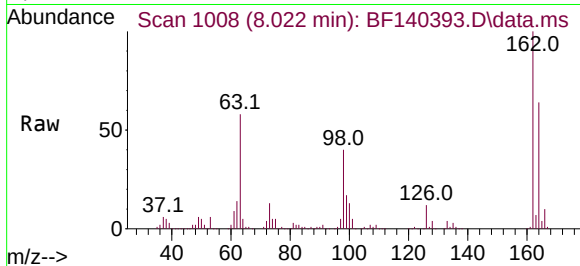
Tgt Ion:162	Resp:	316410
Ion Ratio	Lower	Upper
162	100	
164	63.8	45.4 85.4
98	40.1	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.338 ng

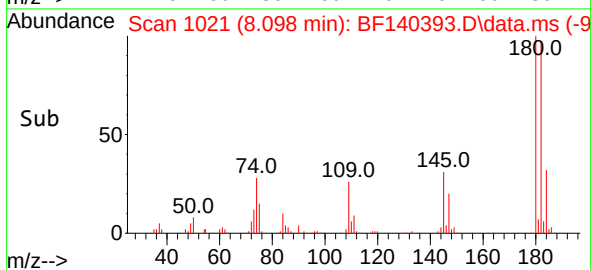
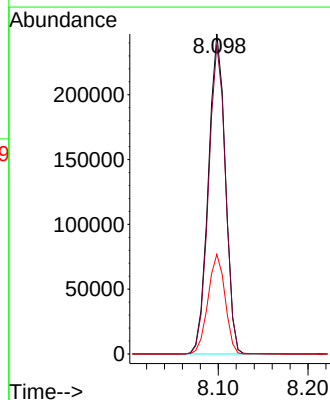
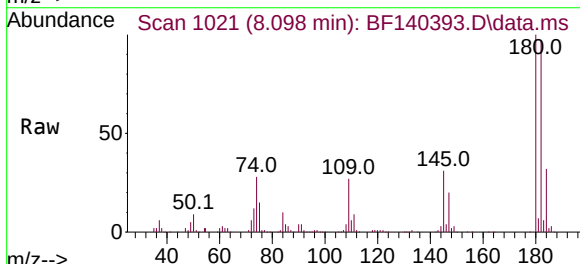
RT: 8.098 min Scan# 1021

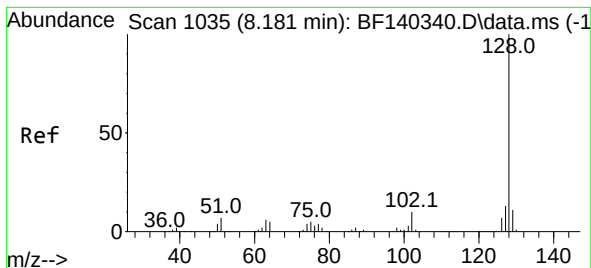
Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Tgt Ion:180	Resp:	323921
Ion Ratio	Lower	Upper
180	100	
182	96.7	76.5 114.7
145	31.2	25.3 37.9





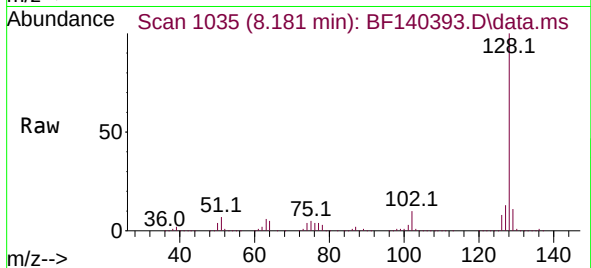
#31
Naphthalene
Concen: 41.927 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS



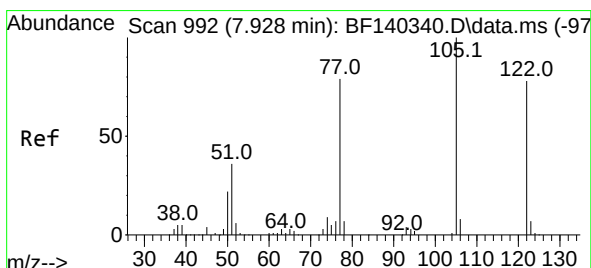
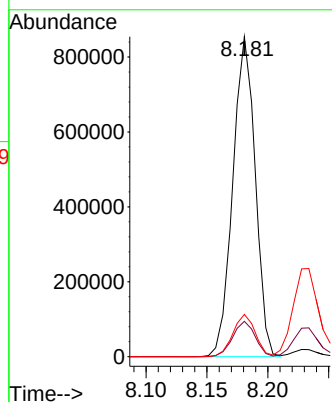
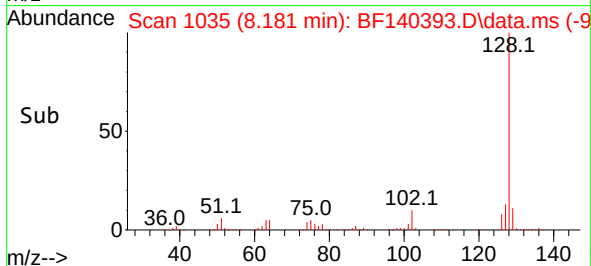
Tgt Ion:128 Resp: 1093379
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8

Manual Integrations

APPROVED

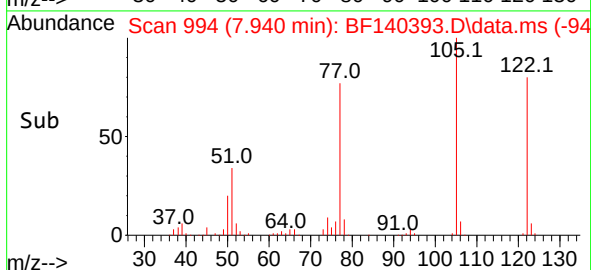
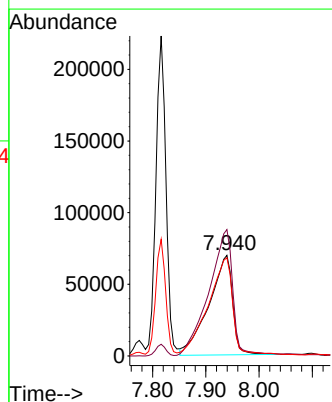
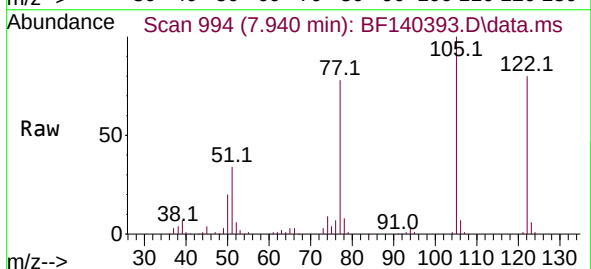
Reviewed By :Yogesh Patel 11/18/2024

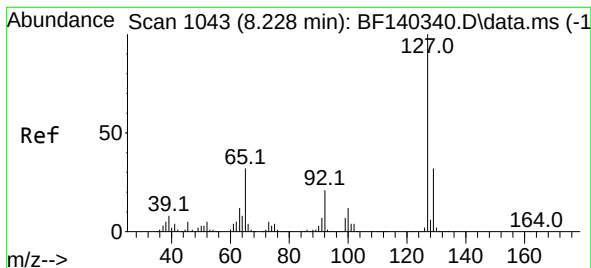
Supervised By :mohammad ahmed 11/18/2024



#32
Benzoic acid
Concen: 42.040 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:122 Resp: 215893
Ion Ratio Lower Upper
122 100
105 125.7 100.9 140.9
77 97.6 76.0 116.0





#33

4-Chloroaniline

Concen: 40.278 ng

RT: 8.234 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

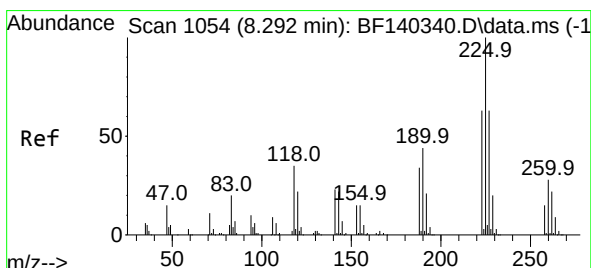
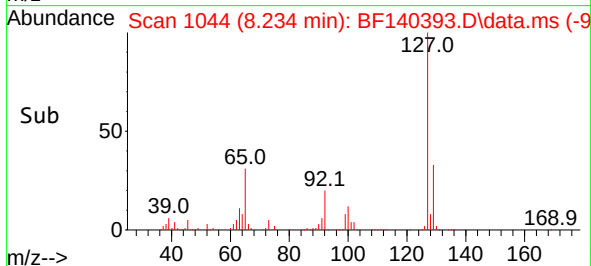
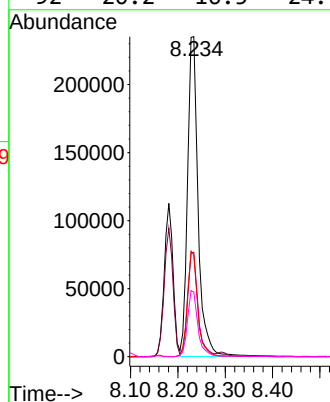
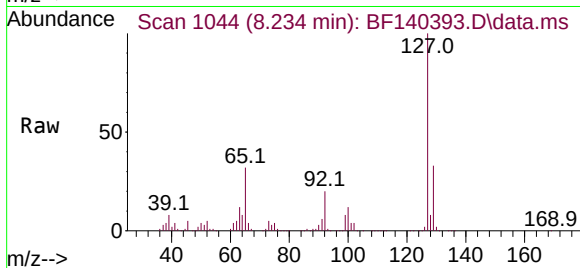
Tgt Ion:	127	Resp:	36529
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.2	39.4
65	31.8	25.8	38.6
92	20.2	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#34

Hexachlorobutadiene

Concen: 40.548 ng

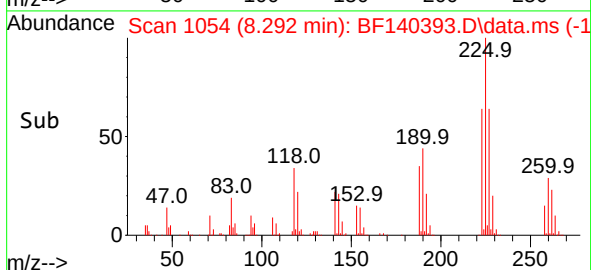
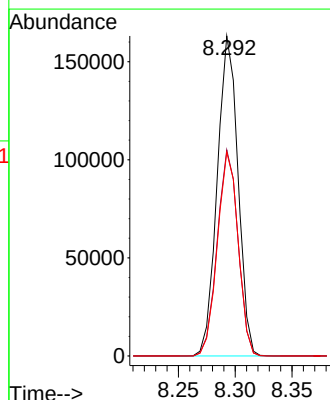
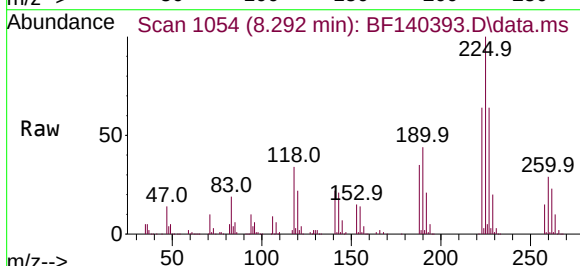
RT: 8.292 min Scan# 1054

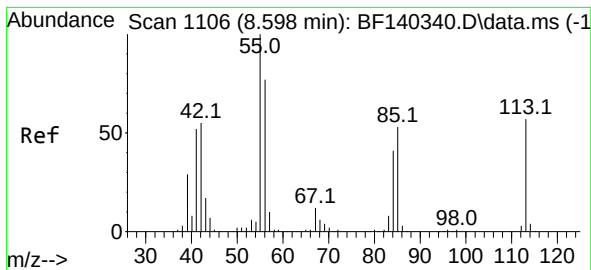
Delta R.T. -0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Tgt Ion:	225	Resp:	207460
Ion Ratio	Lower	Upper	
225	100		
223	64.4	50.1	75.1
227	63.7	51.3	76.9





#35

Caprolactam

Concen: 44.646 ng m

RT: 8.592 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

Tgt Ion:113 Resp: 107030

Ion Ratio Lower Upper

113 100

55 168.7 150.0 190.0

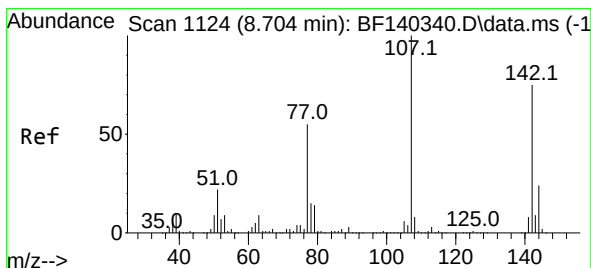
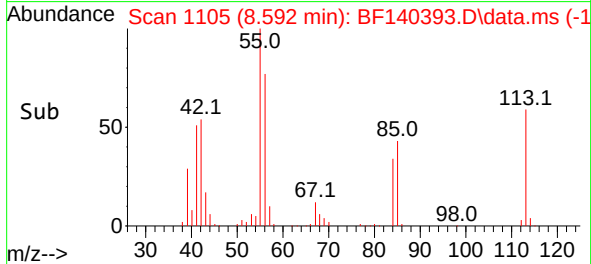
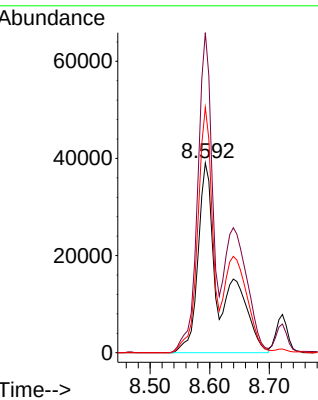
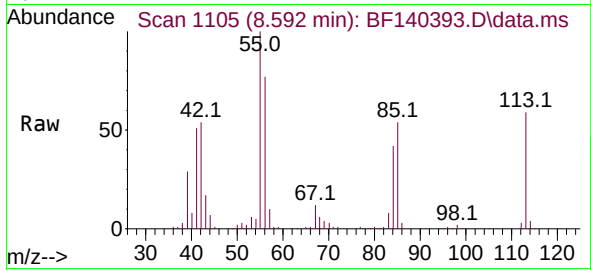
56 129.3 111.1 151.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#36

4-Chloro-3-methylphenol

Concen: 43.523 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.018 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

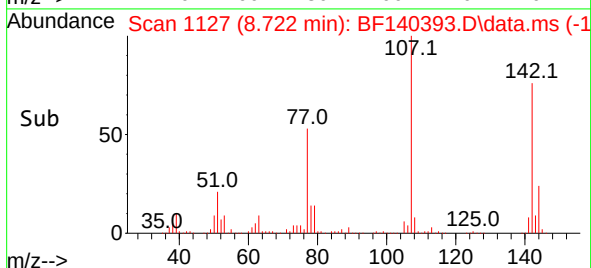
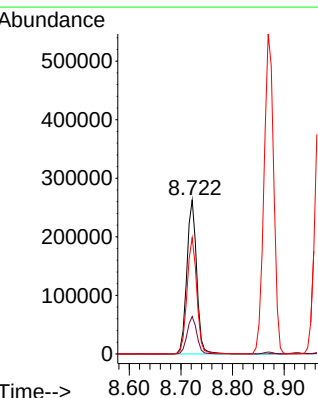
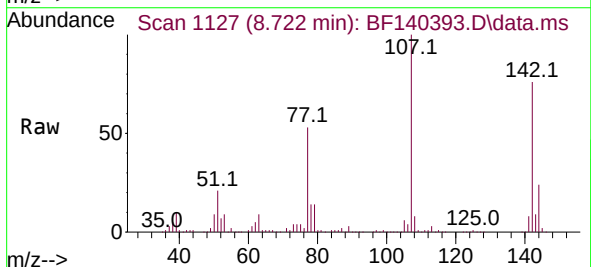
Tgt Ion:107 Resp: 347888

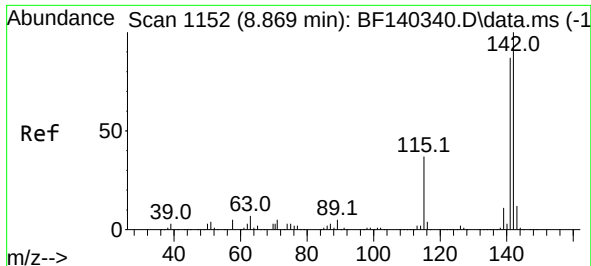
Ion Ratio Lower Upper

107 100

144 24.3 19.3 28.9

142 75.6 59.4 89.0





#37

2-Methylnaphthalene

Concen: 42.495 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

Tgt Ion:142 Resp: 710588

Ion Ratio Lower Upper

142 100

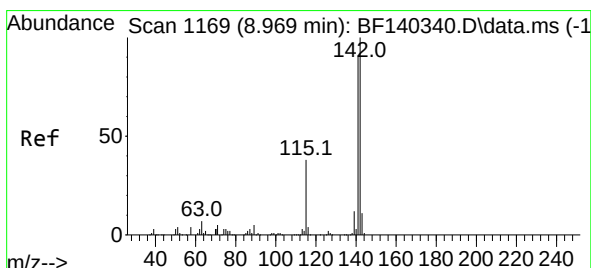
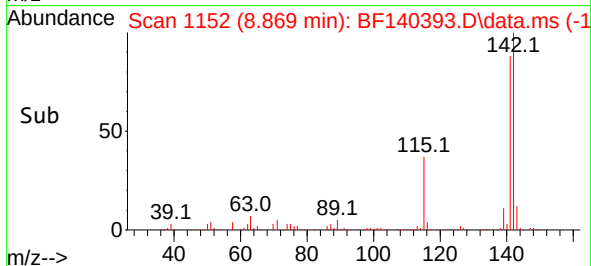
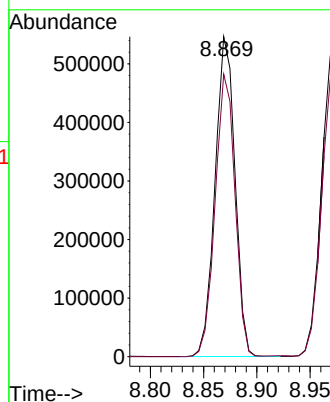
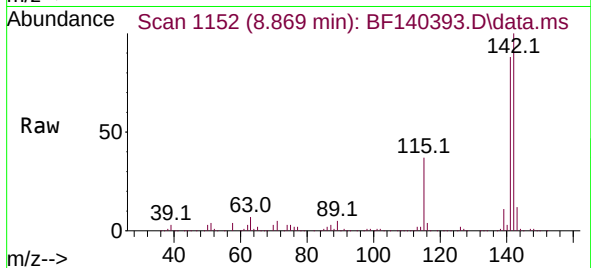
141 88.3 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#38

1-Methylnaphthalene

Concen: 40.422 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140393.D

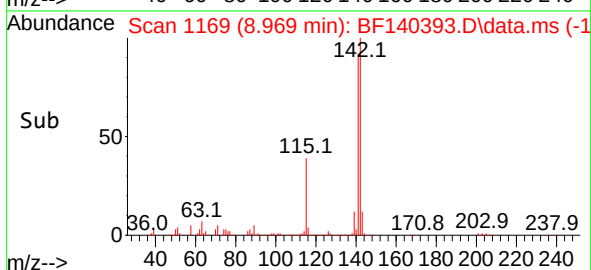
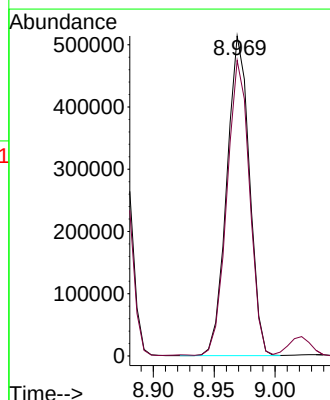
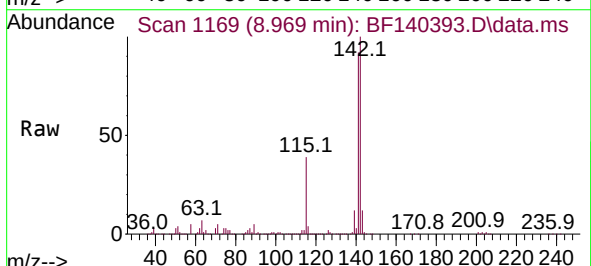
Acq: 15 Nov 2024 10:34

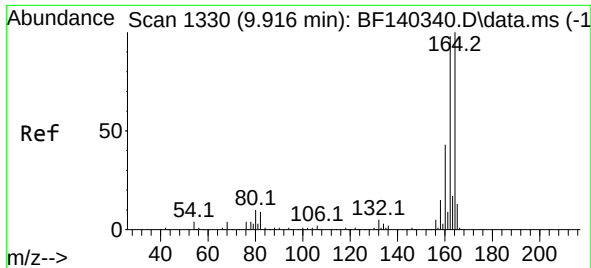
Tgt Ion:142 Resp: 661889

Ion Ratio Lower Upper

142 100

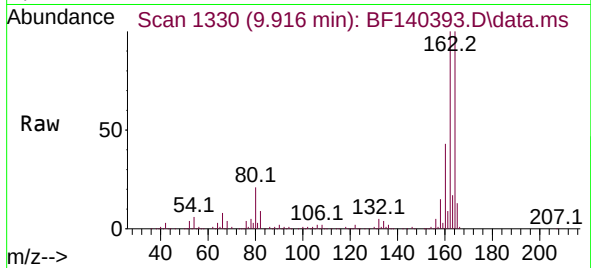
141 92.3 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

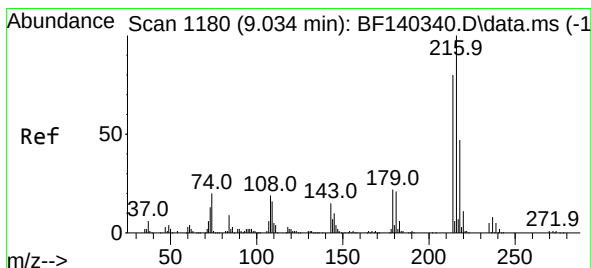
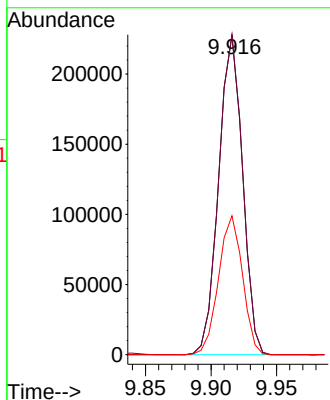
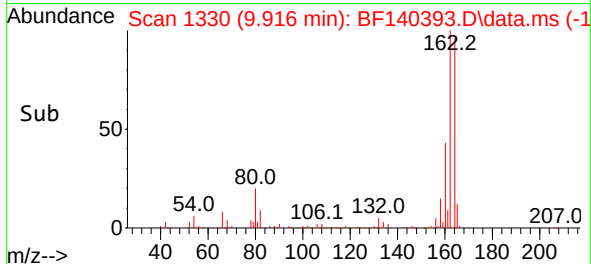
Instrument :
BNA_F
ClientSampleId :
PB164789BS



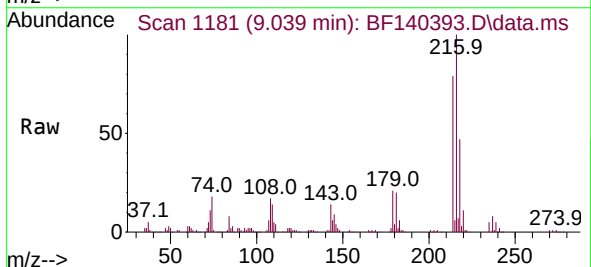
Tgt Ion:164 Resp: 287830
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 43.6 35.4 53.0

Manual Integrations
APPROVED

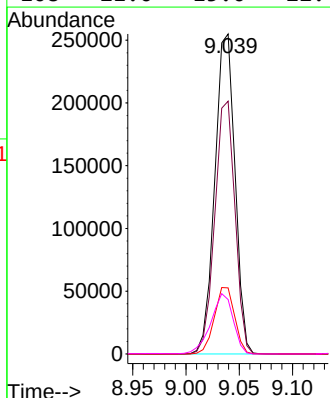
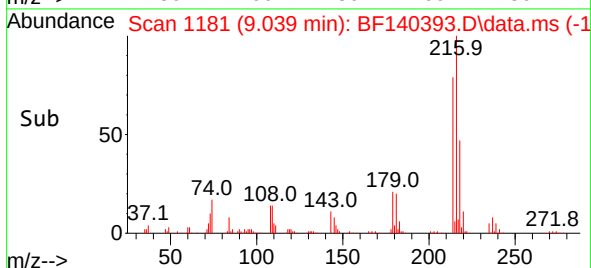
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

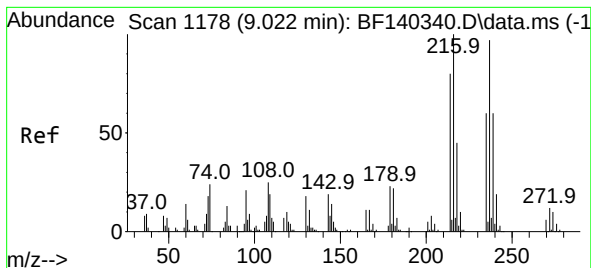


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.130 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



Tgt Ion:216 Resp: 335342
Ion Ratio Lower Upper
216 100
214 78.9 63.2 94.8
179 20.9 17.2 25.8
108 21.0 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 162.766 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

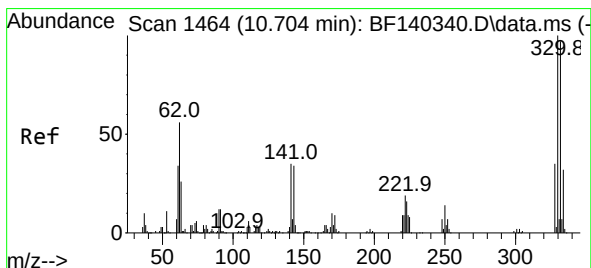
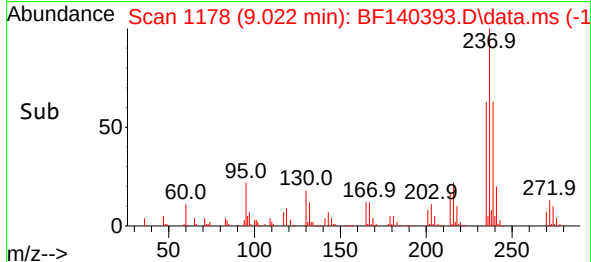
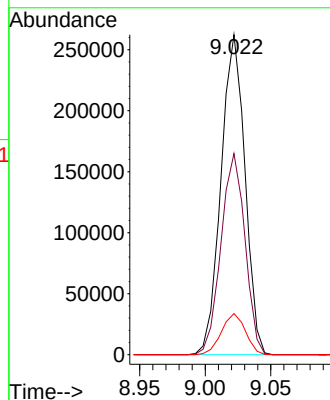
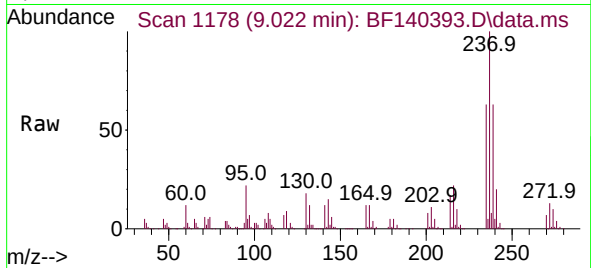
Tgt Ion:	237	Resp:	33263
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.8	82.8
272	12.9	0.0	33.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#42

2,4,6-Tribromophenol

Concen: 130.404 ng

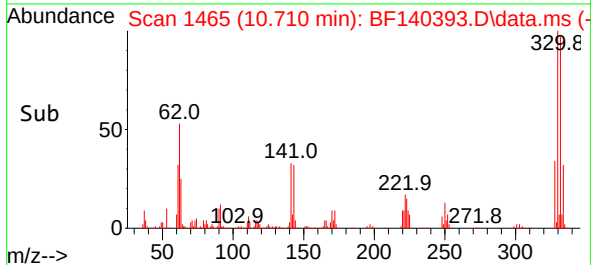
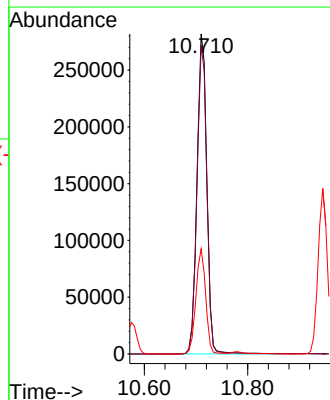
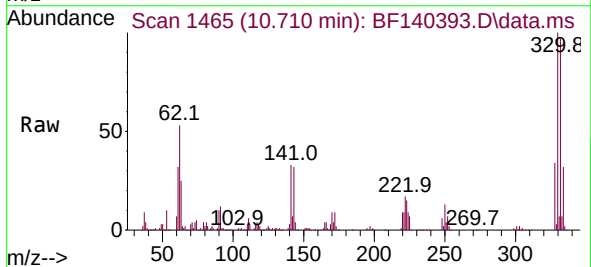
RT: 10.710 min Scan# 1465

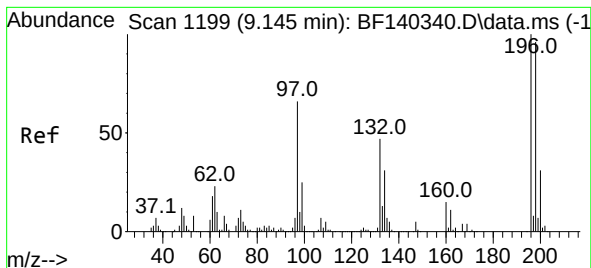
Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Tgt Ion:	330	Resp:	373256
Ion Ratio	Lower	Upper	
330	100		
332	96.9	75.9	113.9
141	32.4	26.9	40.3





#43
2,4,6-Trichlorophenol
Concen: 44.078 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

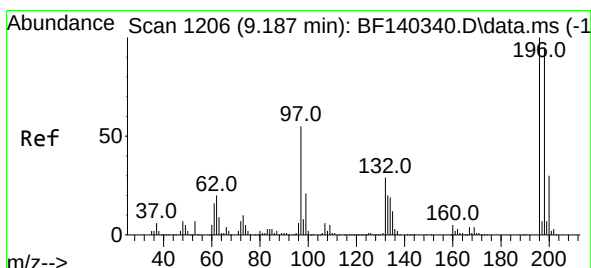
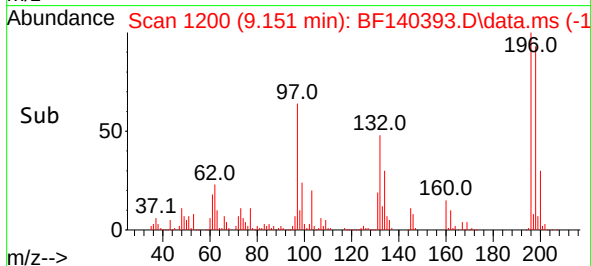
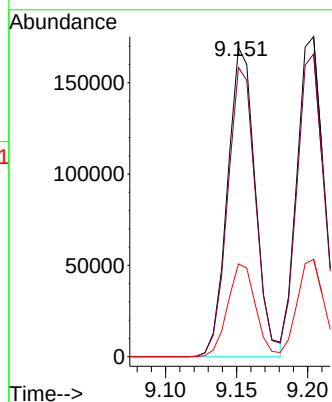
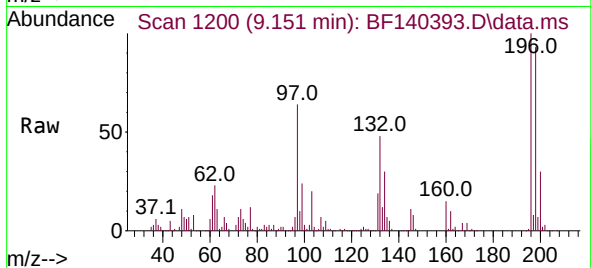
PB164789BS

Tgt Ion:196 Resp: 230240
Ion Ratio Lower Upper
196 100
198 93.4 77.0 115.4
200 30.0 24.2 36.4

Manual Integrations

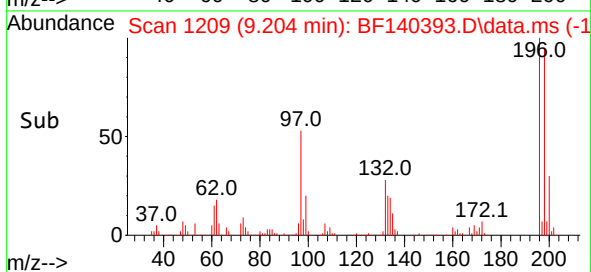
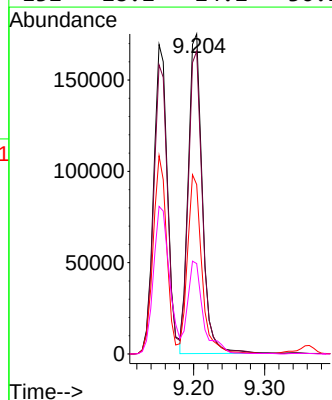
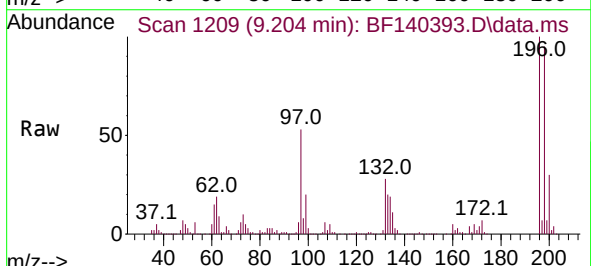
APPROVED

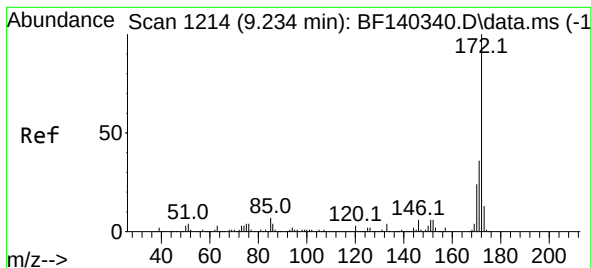
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#44
2,4,5-Trichlorophenol
Concen: 42.205 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.018 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:196 Resp: 241036
Ion Ratio Lower Upper
196 100
198 94.6 77.6 116.4
97 53.0 45.4 68.2
132 28.2 24.2 36.2





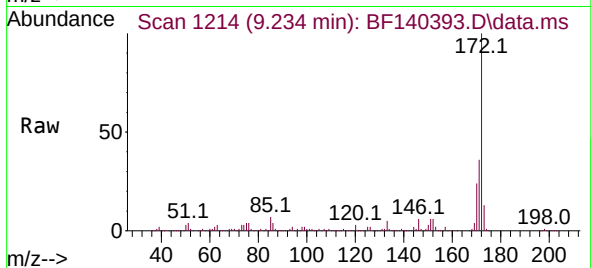
#45
2-Fluorobiphenyl
Concen: 83.665 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS



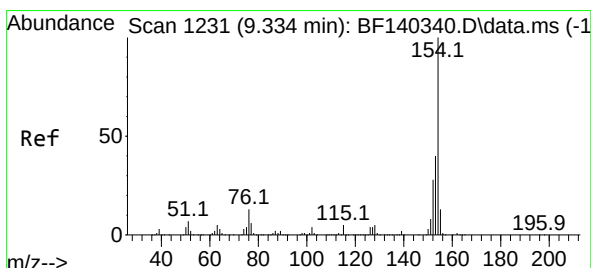
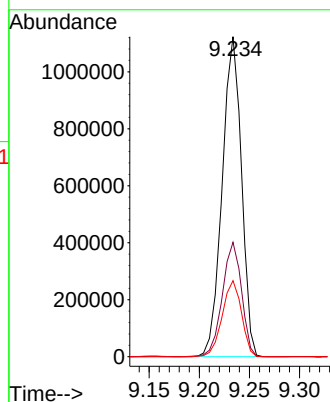
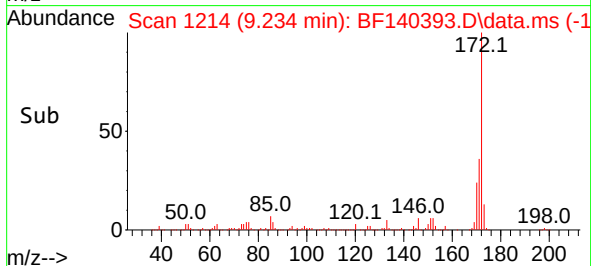
Tgt Ion:172 Resp: 1498050
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.8 19.1 28.7

Manual Integrations

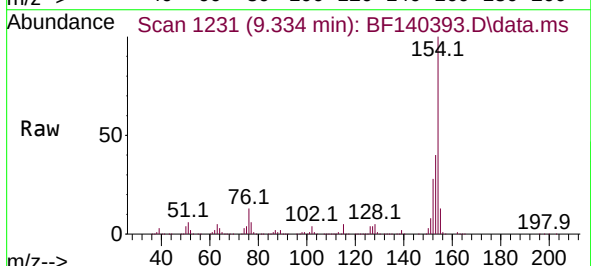
APPROVED

Reviewed By :Yogesh Patel 11/18/2024

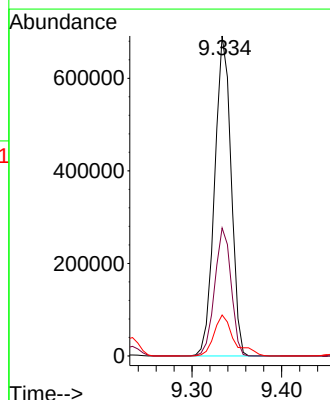
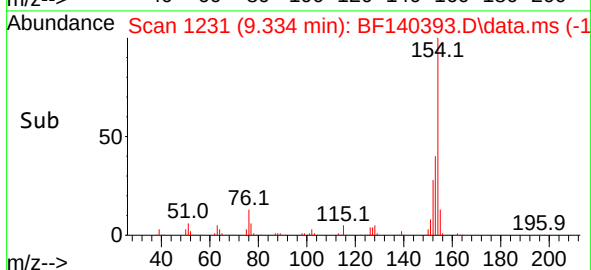
Supervised By :mohammad ahmed 11/18/2024

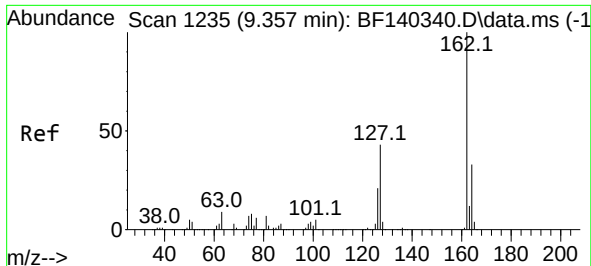


#46
1,1'-Biphenyl
Concen: 42.036 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



Tgt Ion:154 Resp: 880236
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 12.8 0.0 32.9





#47

2-Chloronaphthalene

Concen: 41.416 ng

RT: 9.363 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

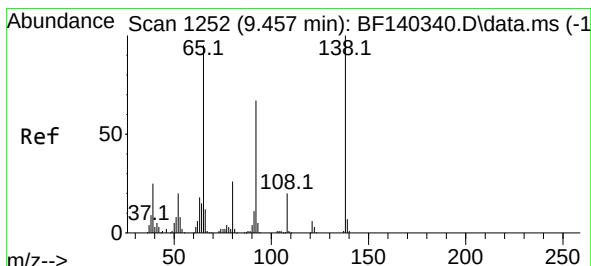
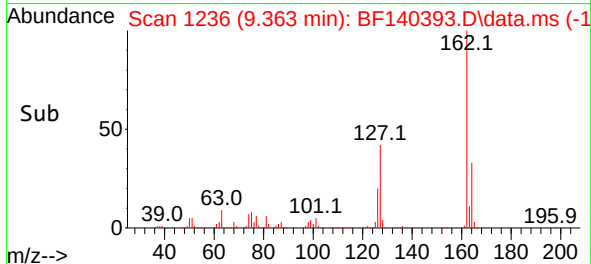
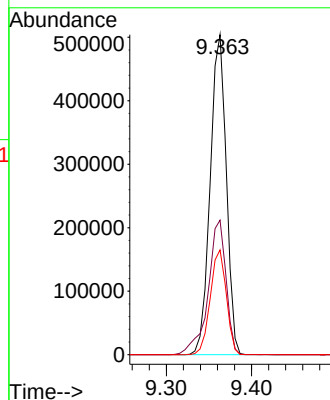
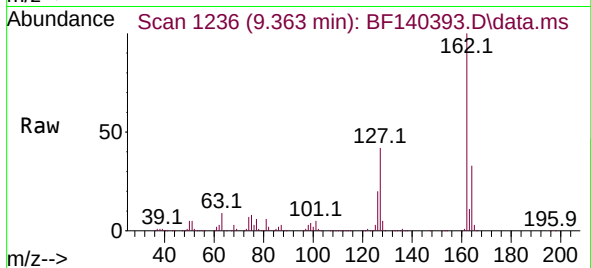
Tgt Ion:162 Resp: 66064
 Ion Ratio Lower Upper
 162 100
 127 42.1 34.0 51.0
 164 32.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#48

2-Nitroaniline

Concen: 44.574 ng

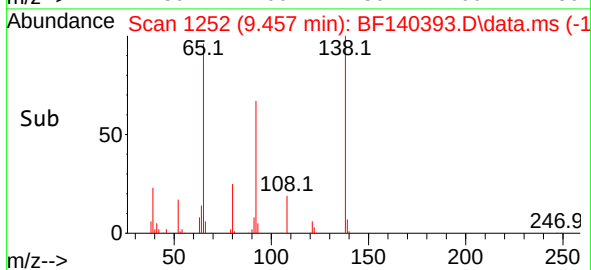
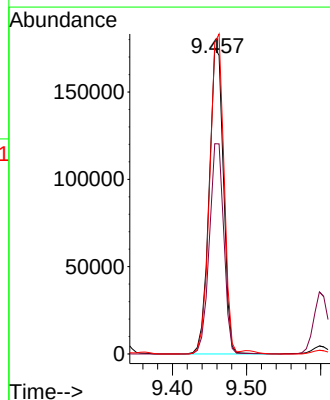
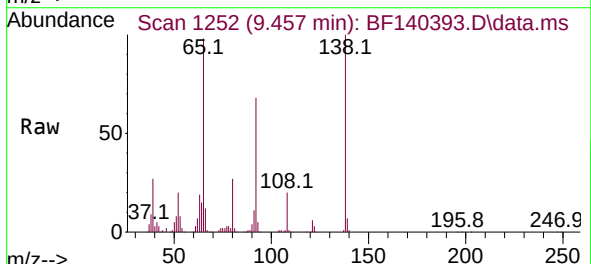
RT: 9.457 min Scan# 1252

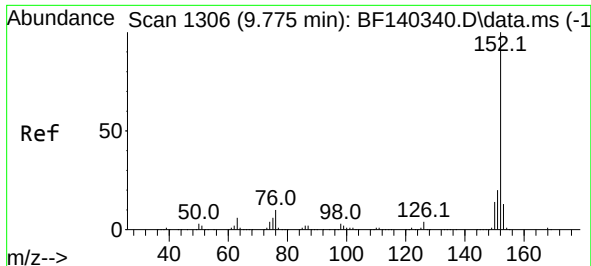
Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Tgt Ion: 65 Resp: 235801
 Ion Ratio Lower Upper
 65 100
 92 68.7 56.4 84.6
 138 101.8 84.8 127.2





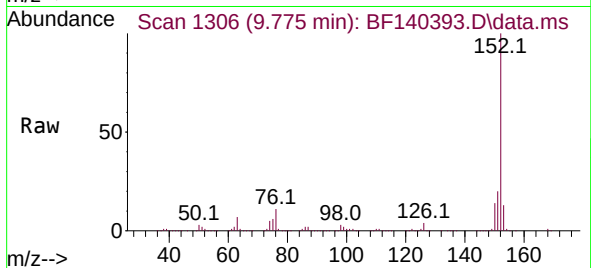
#49
Acenaphthylene
Concen: 45.646 ng
RT: 9.775 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS



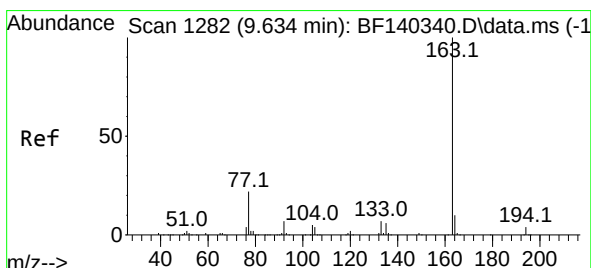
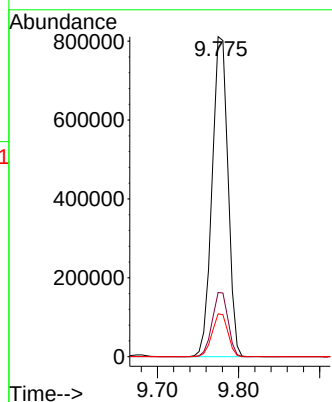
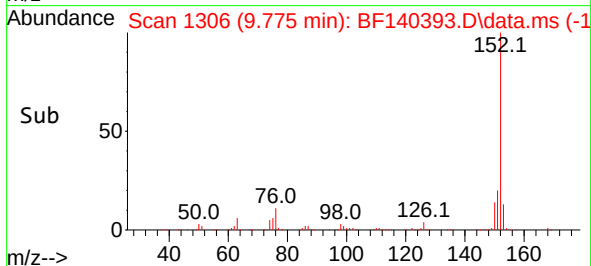
Tgt Ion:152 Resp: 1101638
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.7 16.1

Manual Integrations

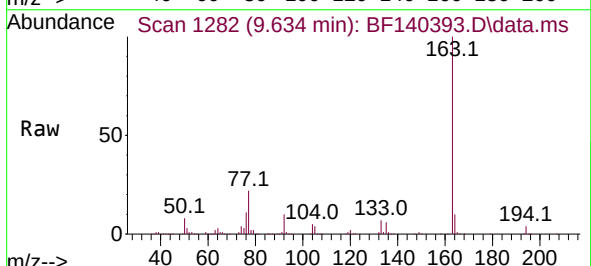
APPROVED

Reviewed By :Yogesh Patel 11/18/2024

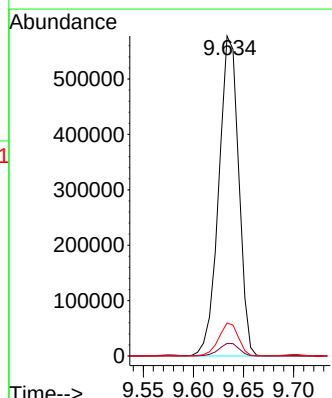
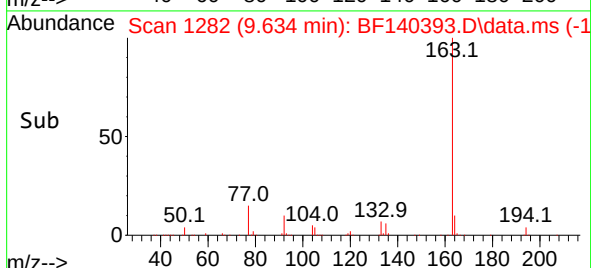
Supervised By :mohammad ahmed 11/18/2024

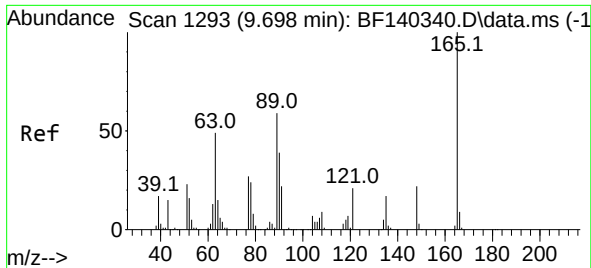


#50
Dimethylphthalate
Concen: 42.538 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



Tgt Ion:163 Resp: 798078
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.4





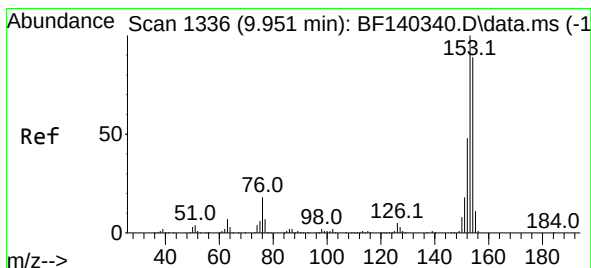
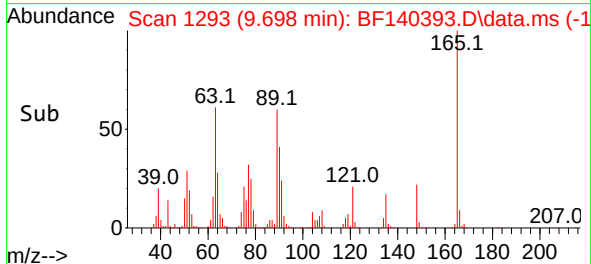
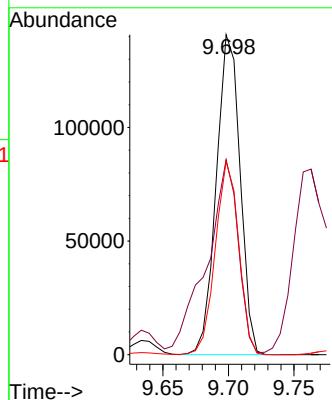
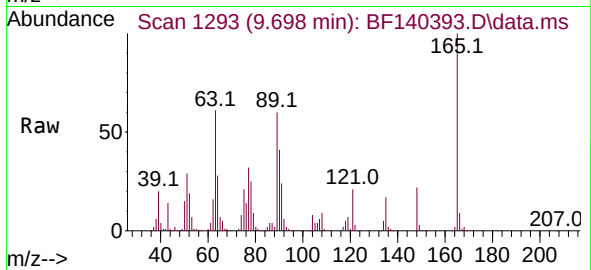
#51
2,6-Dinitrotoluene
Concen: 41.541 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :
BNA_F
ClientSampleId :
PB164789BS

Tgt Ion:165 Resp: 17767
Ion Ratio Lower Upper
165 100
63 61.0 47.6 71.4
89 60.4 48.1 72.1

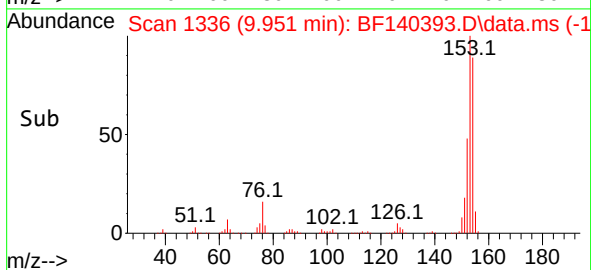
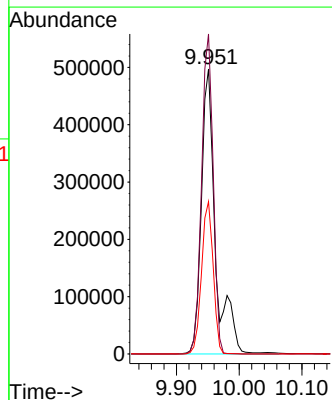
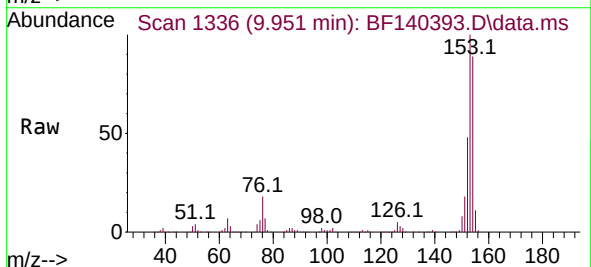
Manual Integrations
APPROVED

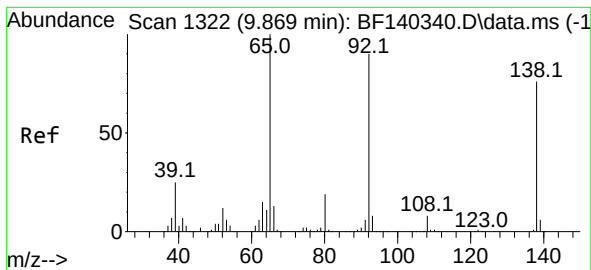
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#52
Acenaphthene
Concen: 47.821 ng m
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:154 Resp: 779513
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.8
152 53.5 42.6 64.0





#53
3-Nitroaniline
Concen: 36.774 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

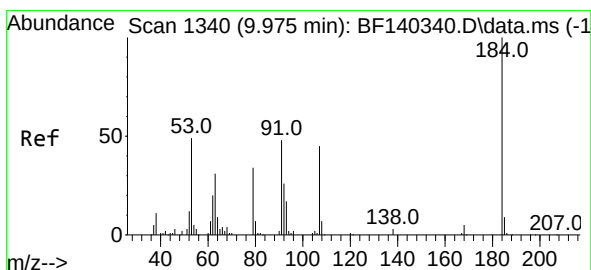
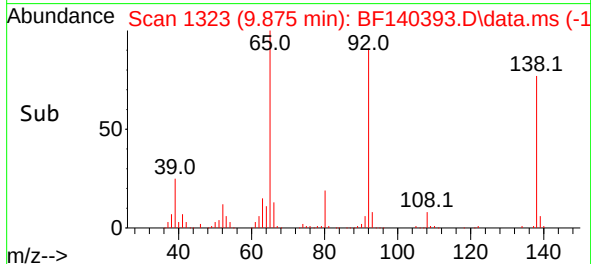
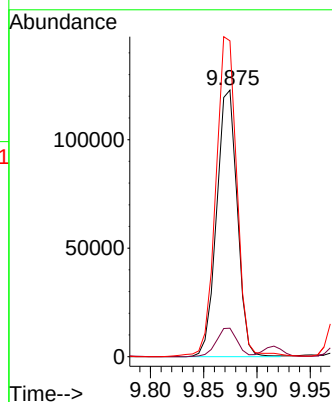
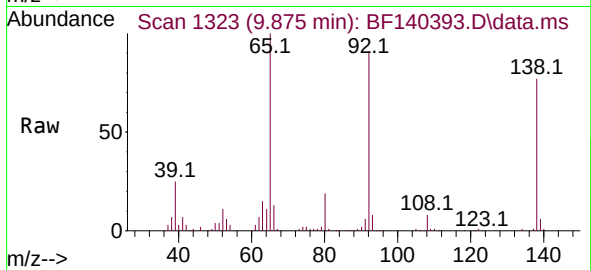
ClientSampleId :

PB164789BS

Tgt Ion:138 Resp: 165184
Ion Ratio Lower Upper
138 100
108 10.7 8.4 12.6
92 118.5 95.5 143.3

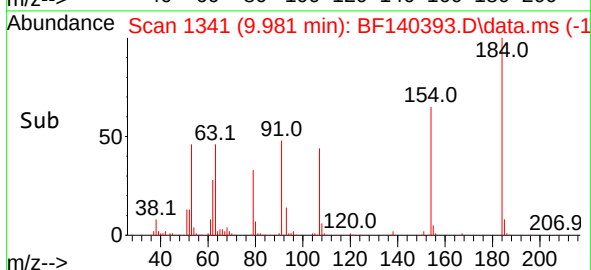
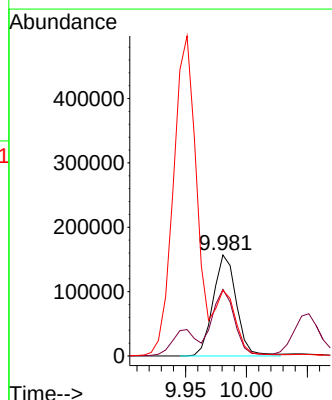
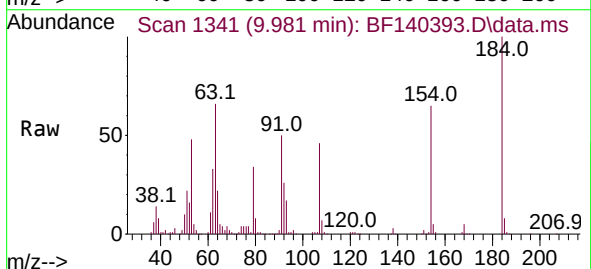
Manual Integrations
APPROVED

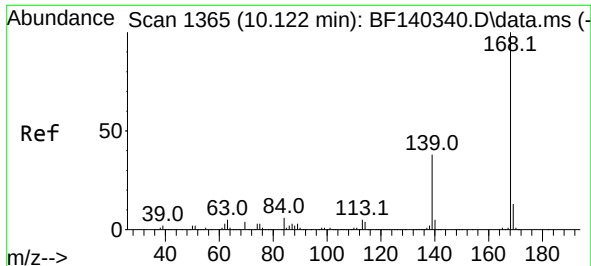
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#54
2,4-Dinitrophenol
Concen: 94.589 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

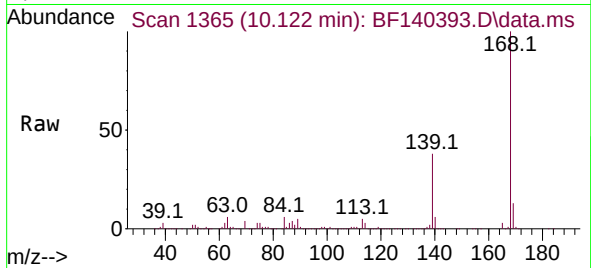
Tgt Ion:184 Resp: 208629
Ion Ratio Lower Upper
184 100
63 66.0 53.5 80.3
154 65.1 51.3 76.9





#55
Dibenzenofuran
Concen: 43.330 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

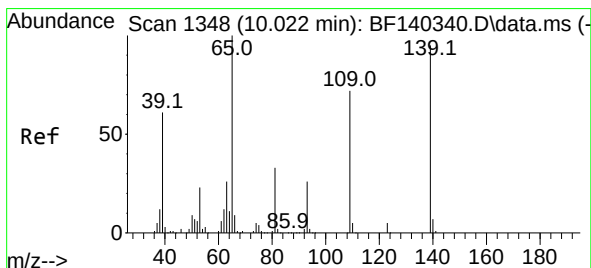
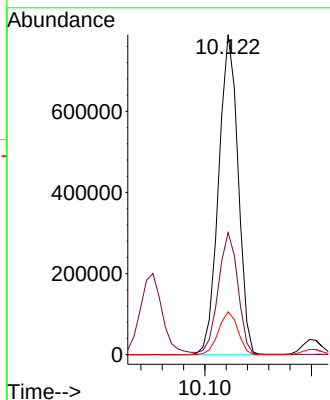
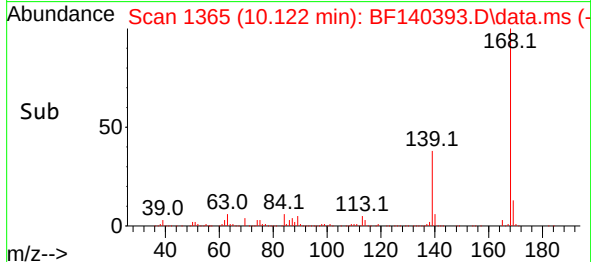
Instrument :
BNA_F
ClientSampleId :
PB164789BS



Tgt Ion:168 Resp: 99986
Ion Ratio Lower Upper
168 100
139 38.2 30.8 46.2
169 13.4 10.8 16.2

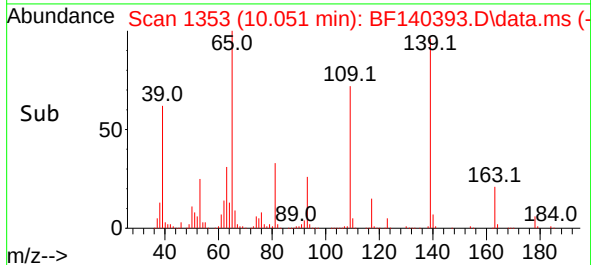
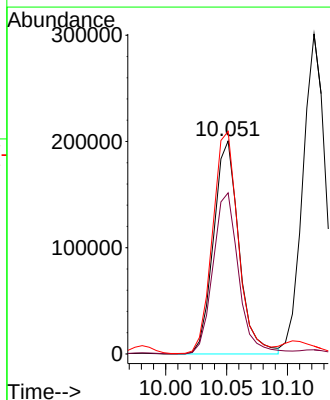
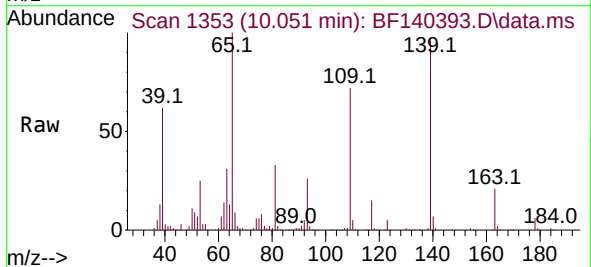
Manual Integrations
APPROVED

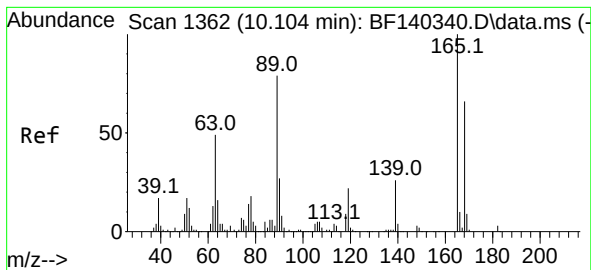
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#56
4-Nitrophenol
Concen: 88.892 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.029 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:139 Resp: 291245
Ion Ratio Lower Upper
139 100
109 75.7 54.5 94.5
65 104.5 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 43.705 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

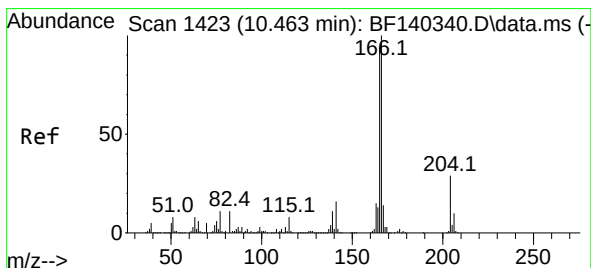
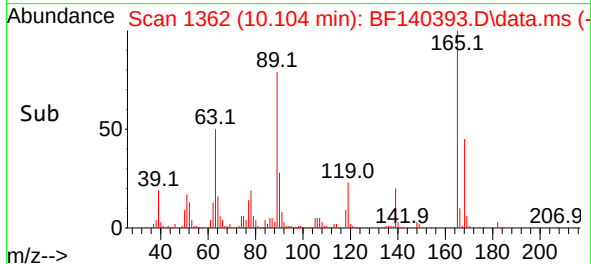
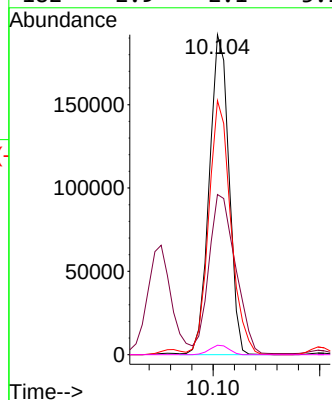
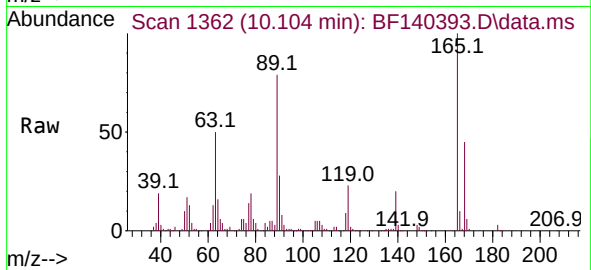
PB164789BS

Tgt Ion:165 Resp: 24602
Ion Ratio Lower Upper
165 100
63 50.1 39.4 59.0
89 79.4 62.4 93.6
182 2.9 2.1 3.1

Manual Integrations

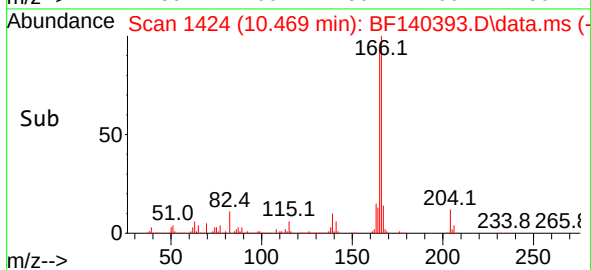
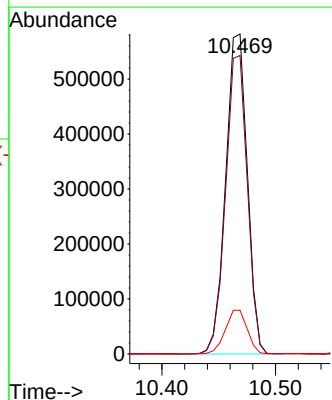
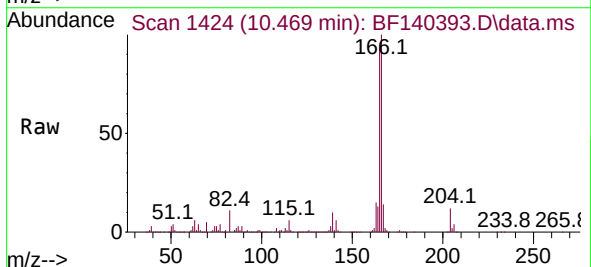
APPROVED

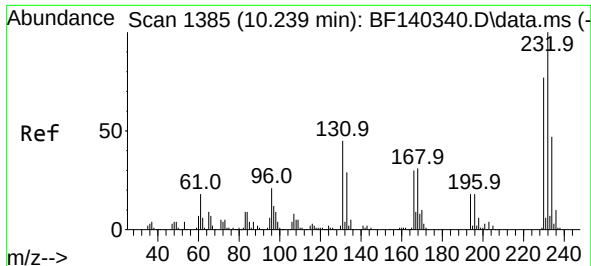
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#58
Fluorene
Concen: 42.354 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

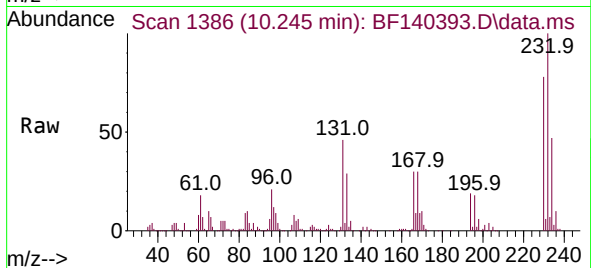
Tgt Ion:166 Resp: 772092
Ion Ratio Lower Upper
166 100
165 93.3 73.9 110.9
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.908 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

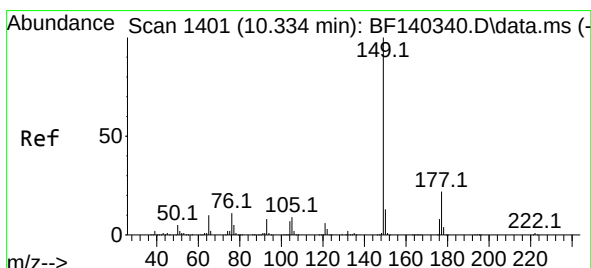
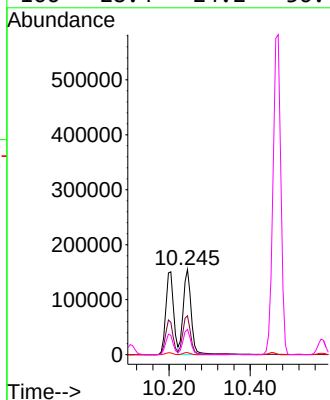
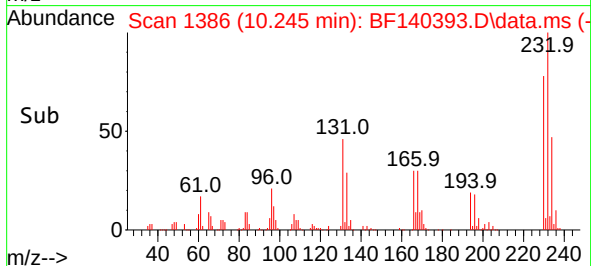
Instrument :
BNA_F
ClientSampleId :
PB164789BS



Tgt Ion:232 Resp: 211528
Ion Ratio Lower Upper
232 100
131 44.9 36.8 55.2
130 2.3 1.9 2.9
166 28.4 24.2 36.4

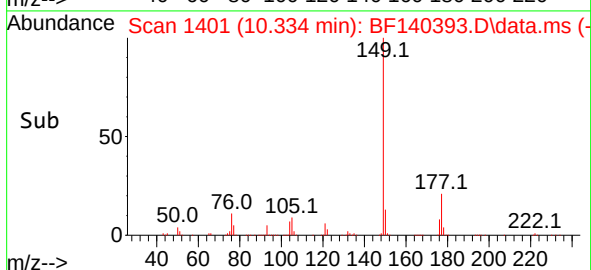
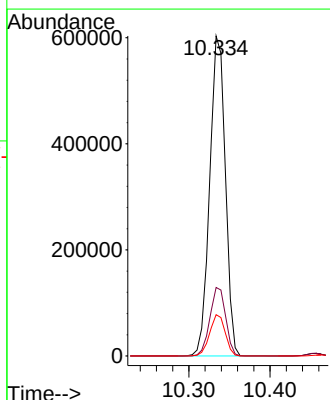
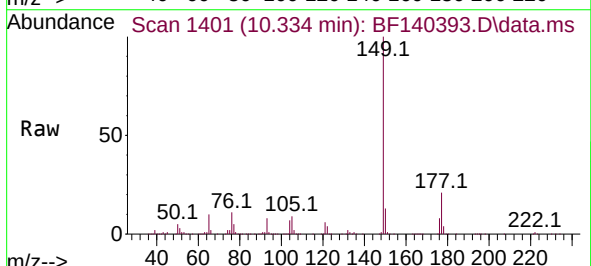
Manual Integrations
APPROVED

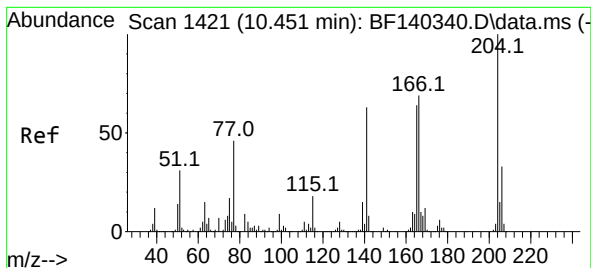
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#60
Diethylphthalate
Concen: 42.043 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

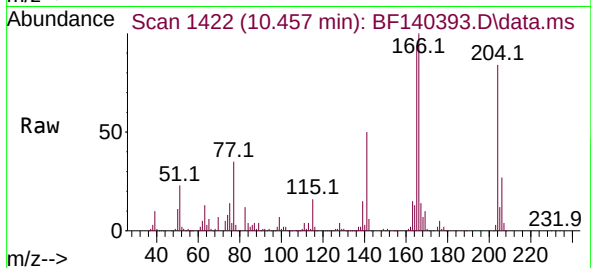
Tgt Ion:149 Resp: 806565
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.304 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

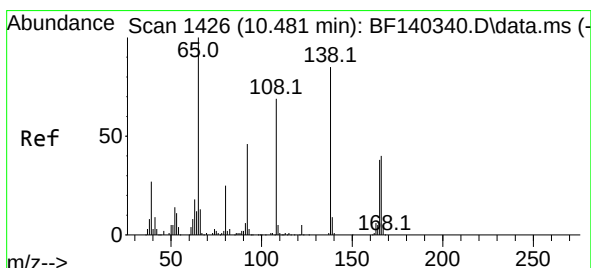
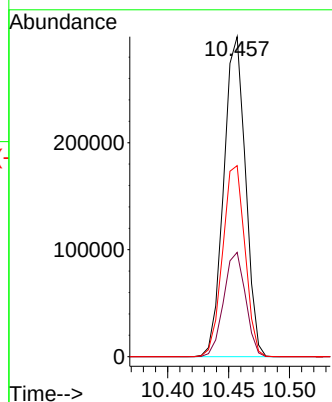
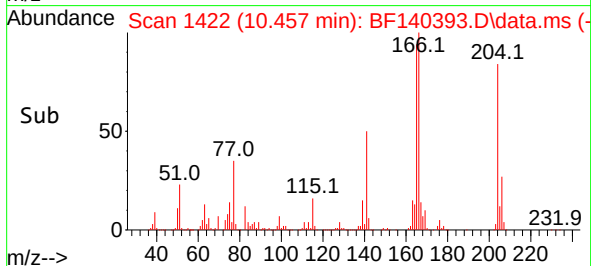
Instrument :
BNA_F
ClientSampleId :
PB164789BS



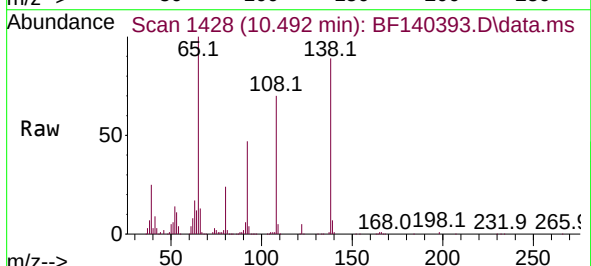
Tgt Ion:204 Resp: 371728
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 59.7 49.8 74.8

Manual Integrations
APPROVED

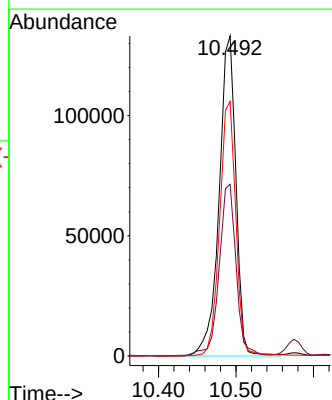
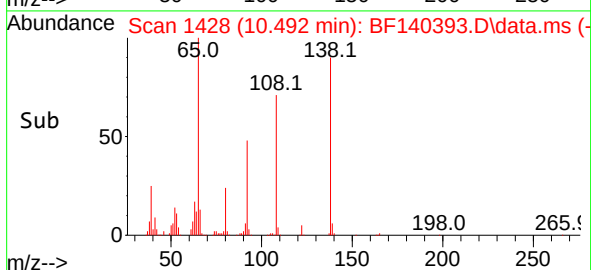
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

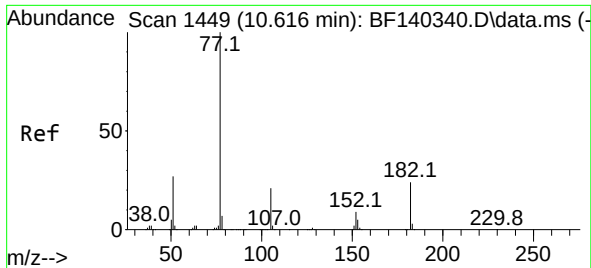


#62
4-Nitroaniline
Concen: 43.654 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



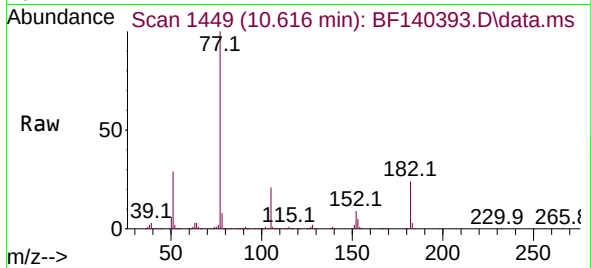
Tgt Ion:138 Resp: 200492
Ion Ratio Lower Upper
138 100
92 53.6 33.8 73.8
108 79.6 59.9 99.9





#63
Azobenzene
Concen: 42.375 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

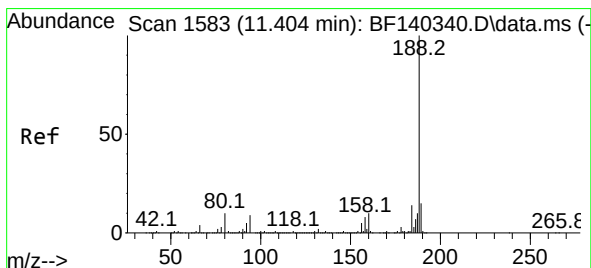
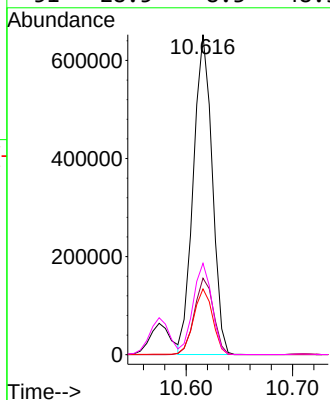
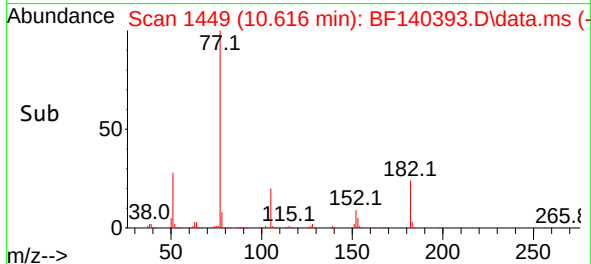
Instrument :
BNA_F
ClientSampleId :
PB164789BS



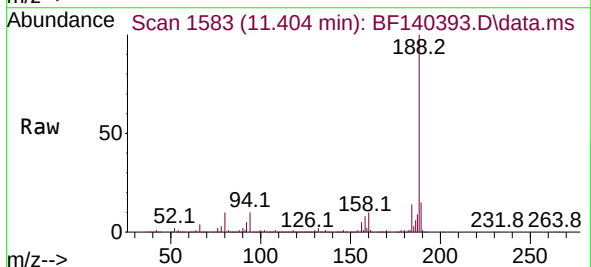
Tgt Ion: 77 Resp: 80324
Ion Ratio Lower Upper
77 100
182 23.9 4.6 44.6
105 20.6 0.9 40.9
51 28.5 8.3 48.3

Manual Integrations
APPROVED

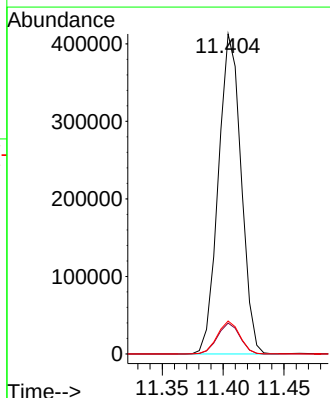
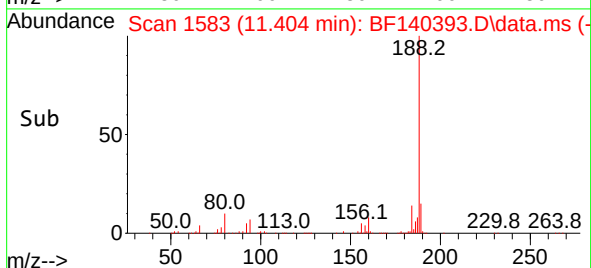
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

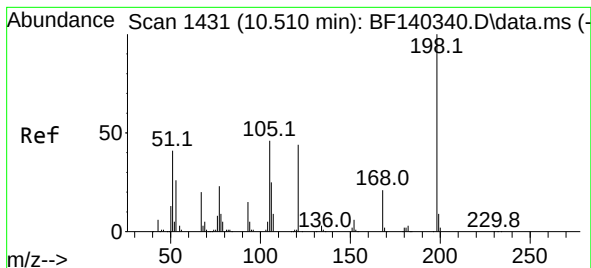


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



Tgt Ion:188 Resp: 536724
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.3 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.565 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

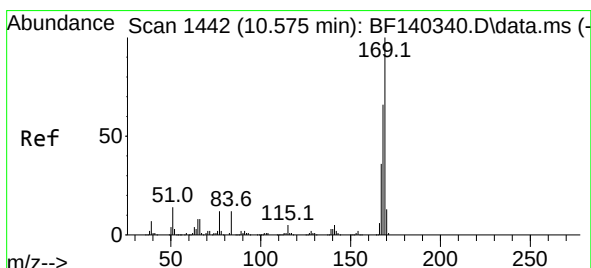
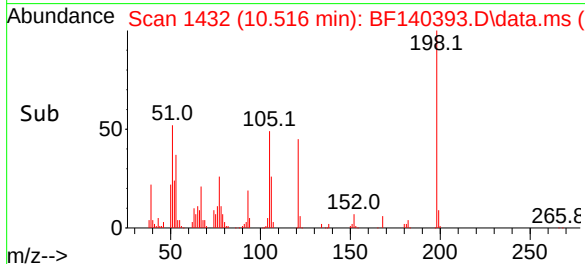
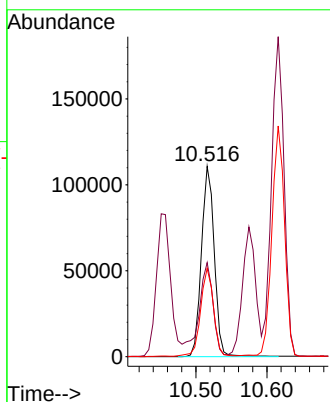
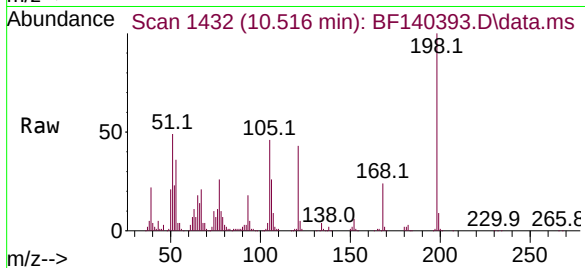
PB164789BS

Tgt Ion:198 Resp: 140240
Ion Ratio Lower Upper
198 100
51 49.5 29.7 69.7
105 46.4 26.3 66.3

Manual Integrations

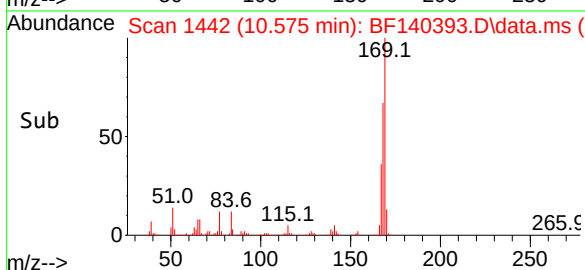
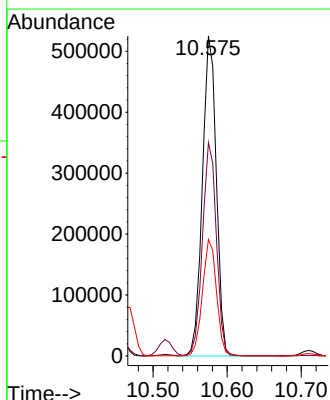
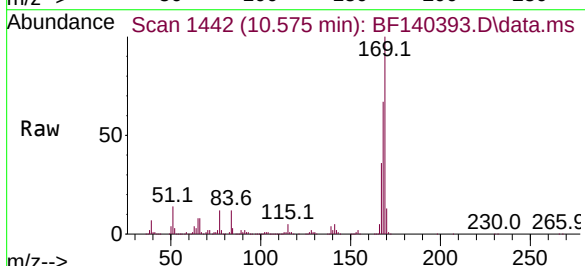
APPROVED

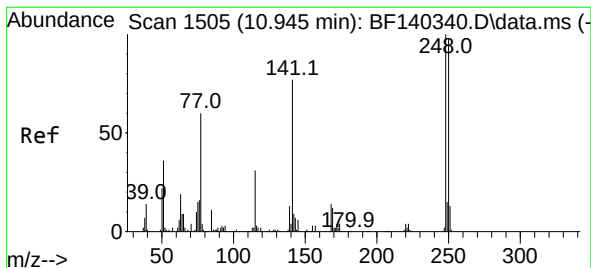
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#66
n-Nitrosodiphenylamine
Concen: 44.240 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

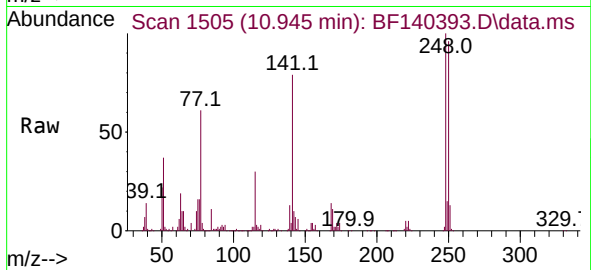
Tgt Ion:169 Resp: 686072
Ion Ratio Lower Upper
169 100
168 66.7 52.7 79.1
167 36.4 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 42.731 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

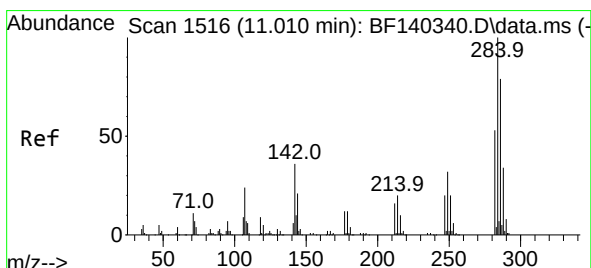
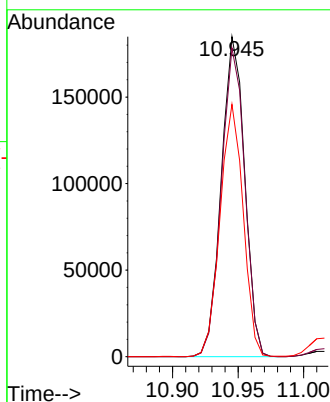
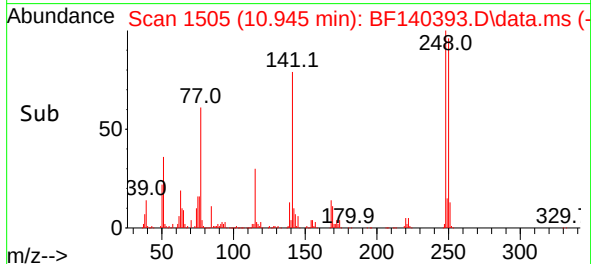
Instrument :
BNA_F
ClientSampleId :
PB164789BS



Tgt Ion:248 Resp: 229260
Ion Ratio Lower Upper
248 100
250 96.4 77.9 116.9
141 78.9 61.8 92.6

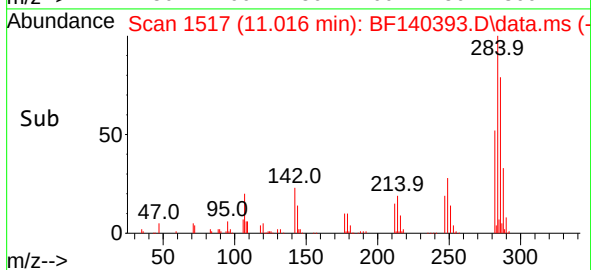
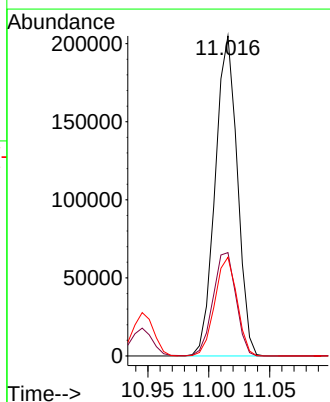
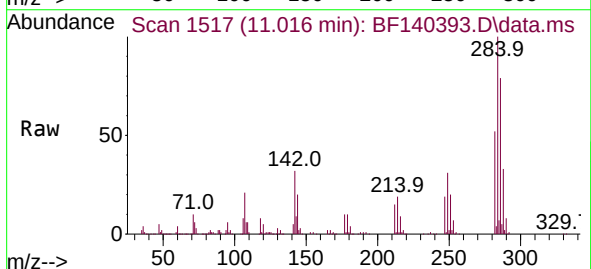
Manual Integrations
APPROVED

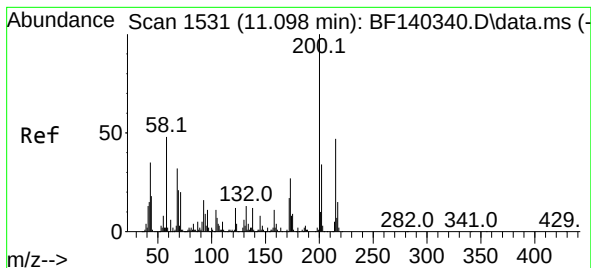
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#68
Hexachlorobenzene
Concen: 42.962 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:284 Resp: 259344
Ion Ratio Lower Upper
284 100
142 32.3 28.1 42.1
249 30.8 24.9 37.3





#69

Atrazine

Concen: 34.274 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

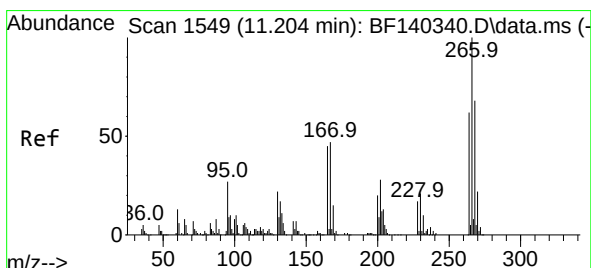
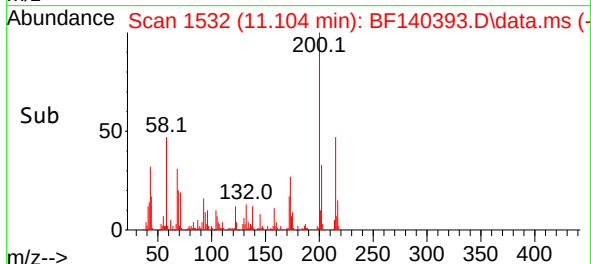
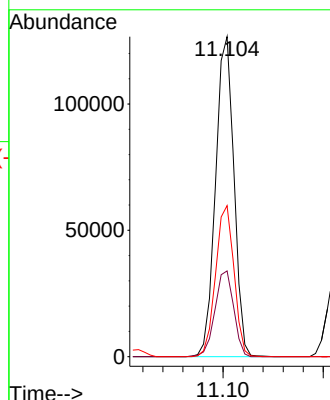
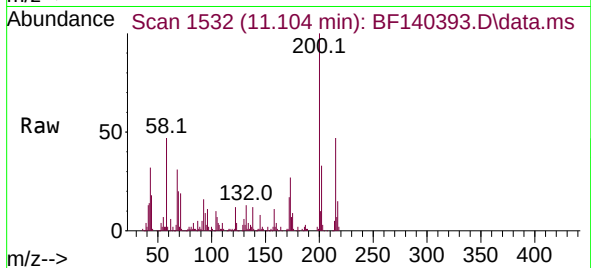
Tgt Ion:200	Resp: 16080
Ion Ratio	Lower Upper
200 100	
173 26.8	6.6 46.6
215 47.2	27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#70

Pentachlorophenol

Concen: 82.458 ng

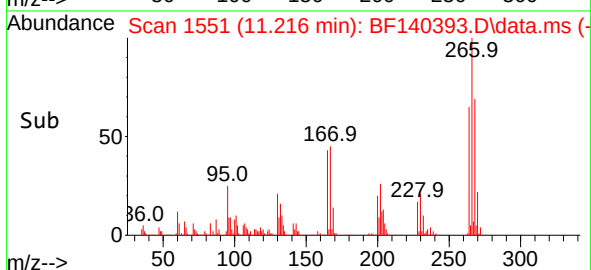
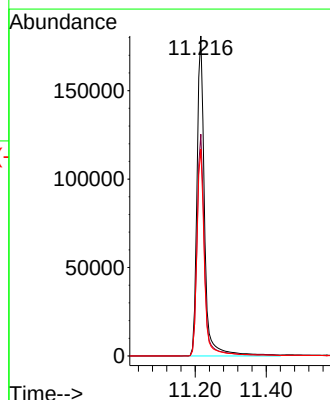
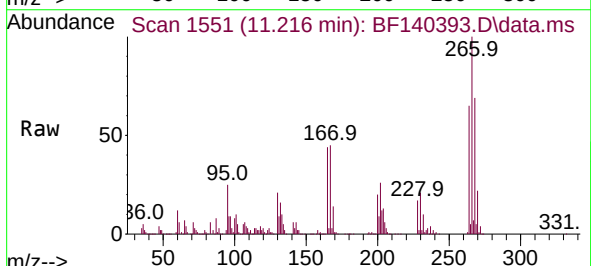
RT: 11.216 min Scan# 1551

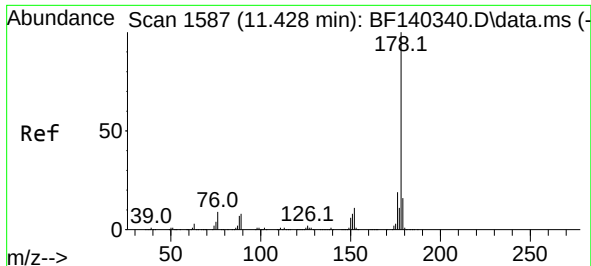
Delta R.T. 0.012 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Tgt Ion:266	Resp: 268128
Ion Ratio	Lower Upper
266 100	
268 69.3	52.9 79.3
264 64.6	50.3 75.5





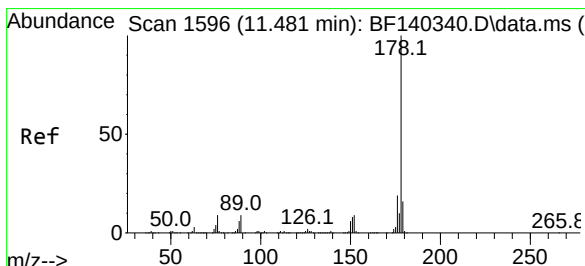
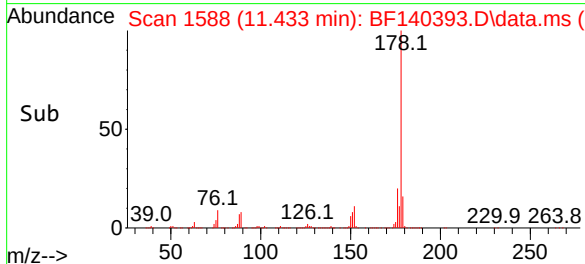
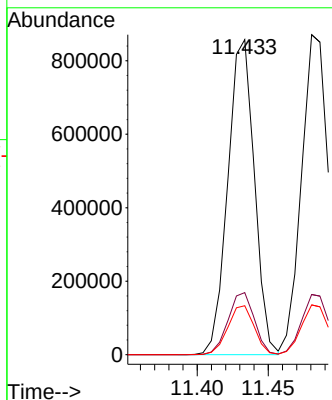
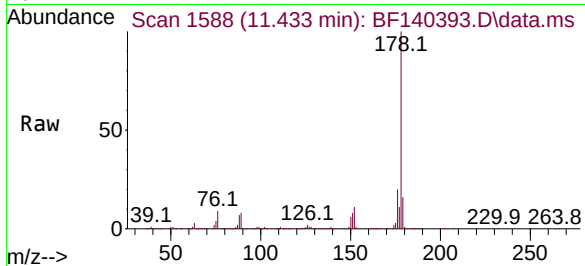
#71
Phenanthrene
Concen: 44.379 ng
RT: 11.433 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :
BNA_F
ClientSampleId :
PB164789BS

Tgt Ion:178 Resp: 1118910
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.5 12.4 18.6

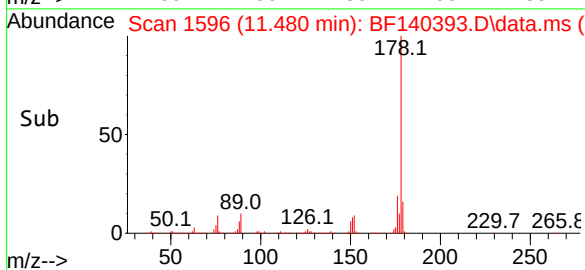
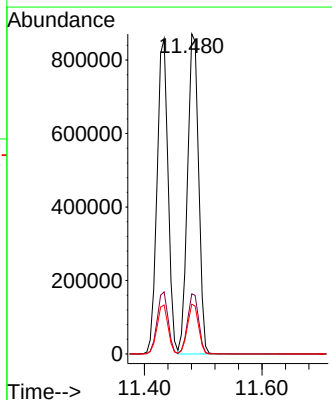
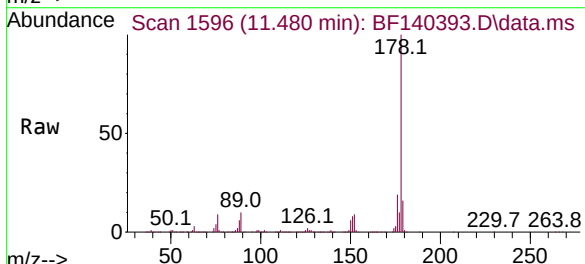
Manual Integrations
APPROVED

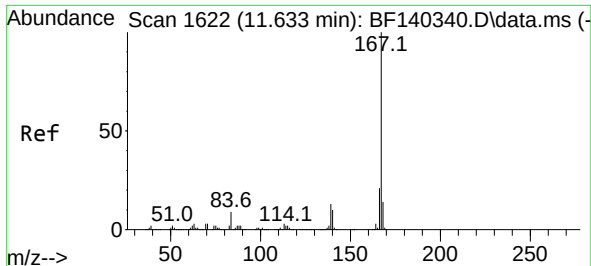
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#72
Anthracene
Concen: 46.189 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

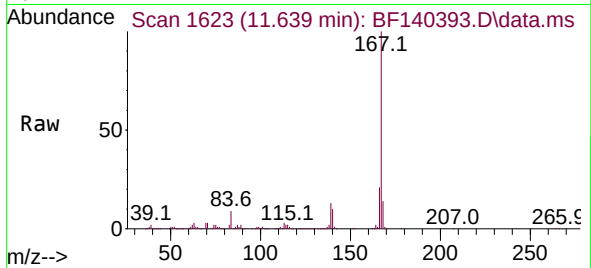
Tgt Ion:178 Resp: 1141349
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 43.893 ng
 RT: 11.639 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF140393.D
 Acq: 15 Nov 2024 10:34

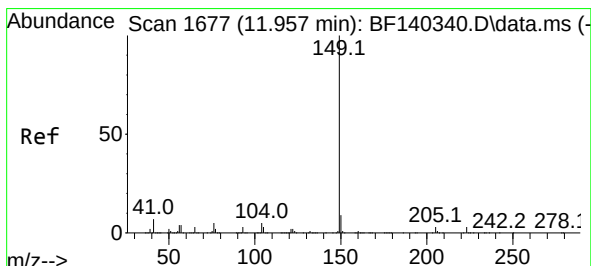
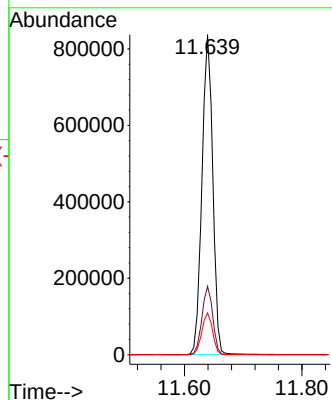
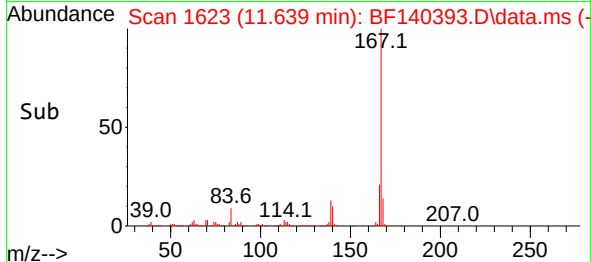
Instrument :
 BNA_F
 ClientSampleId :
 PB164789BS



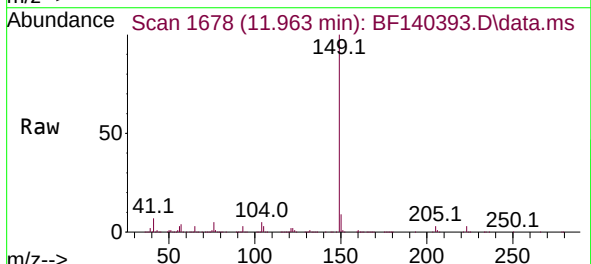
Tgt Ion:167 Resp: 1070940
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.4 15.6

Manual Integrations
 APPROVED

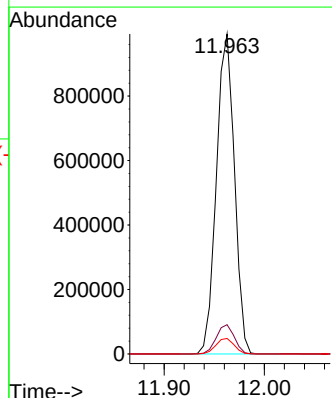
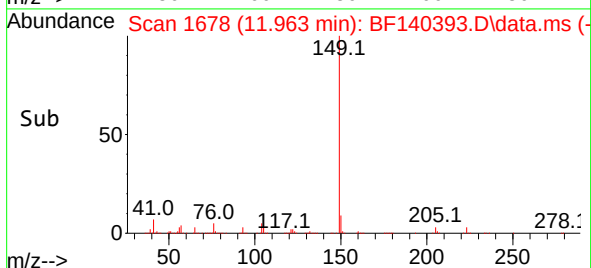
Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

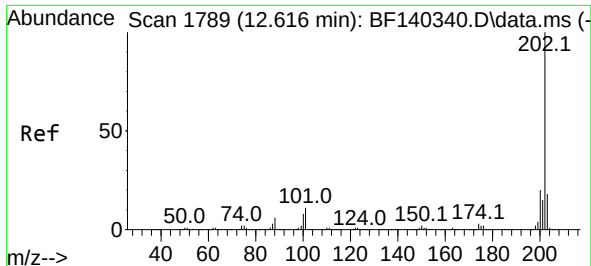


#74
 Di-n-butylphthalate
 Concen: 42.329 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.006 min
 Lab File: BF140393.D
 Acq: 15 Nov 2024 10:34



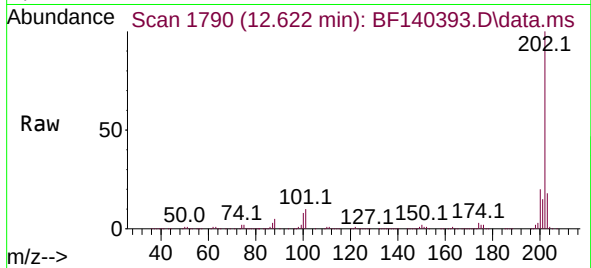
Tgt Ion:149 Resp: 1239558
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 43.364 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

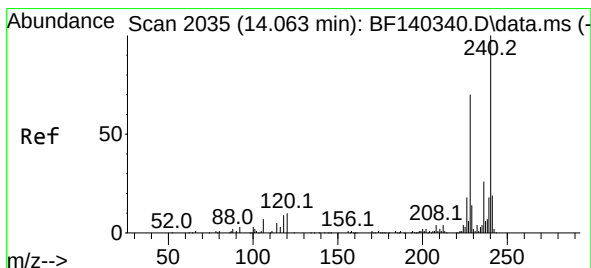
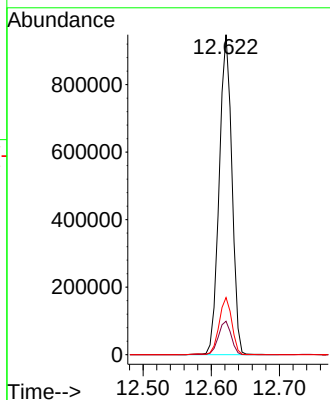
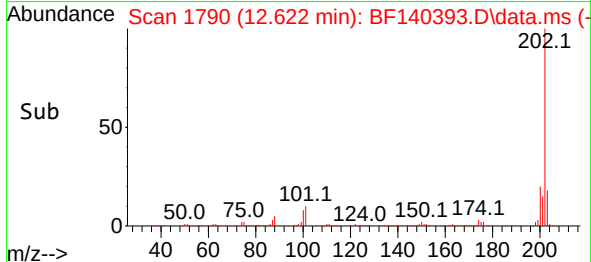
Instrument :
BNA_F
ClientSampleId :
PB164789BS



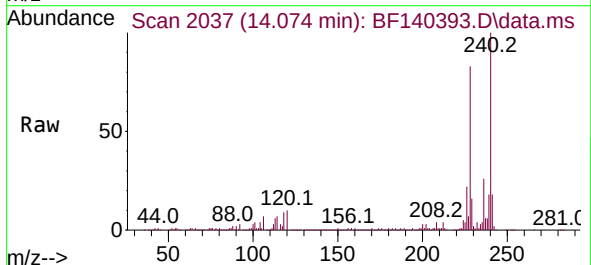
Tgt Ion:202 Resp: 1226619
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 17.9 0.0 37.7

Manual Integrations
APPROVED

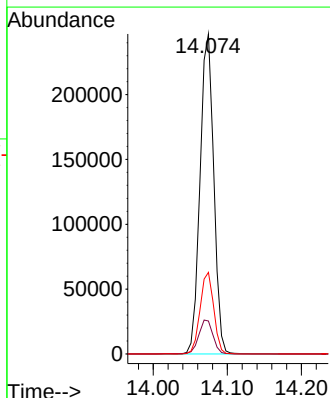
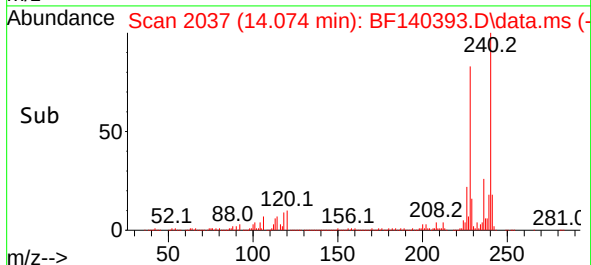
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

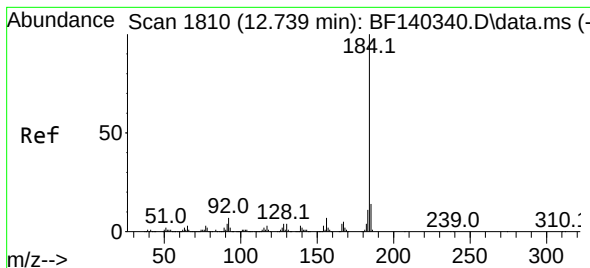


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



Tgt Ion:240 Resp: 317210
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 25.5 20.9 31.3





#77

Benzidine

Concen: 17.394 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

Tgt Ion:184 Resp: 211770

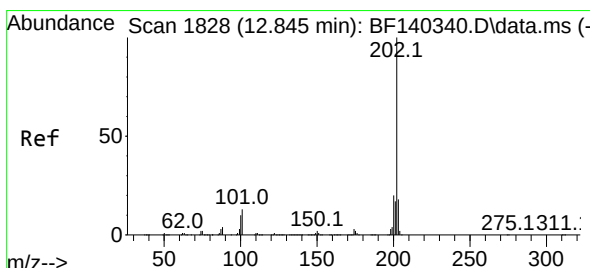
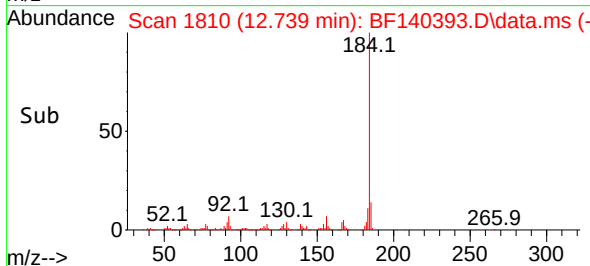
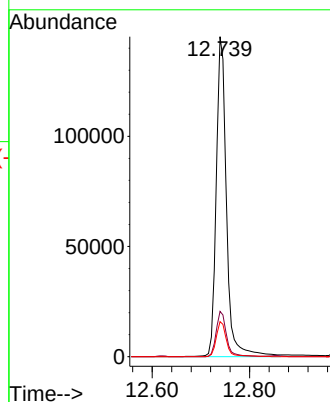
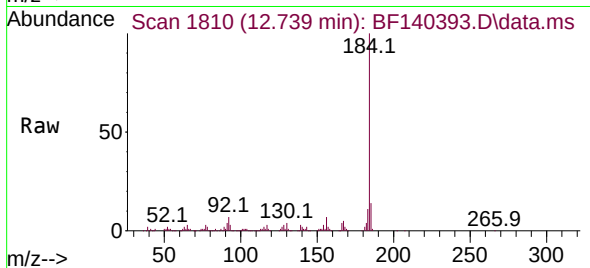
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.9	17.9
183	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#78

Pyrene

Concen: 45.466 ng

RT: 12.851 min Scan# 1829

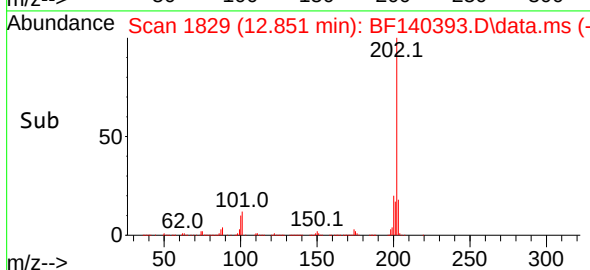
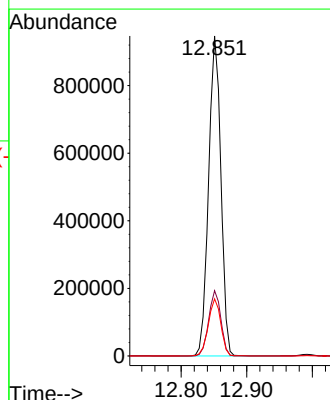
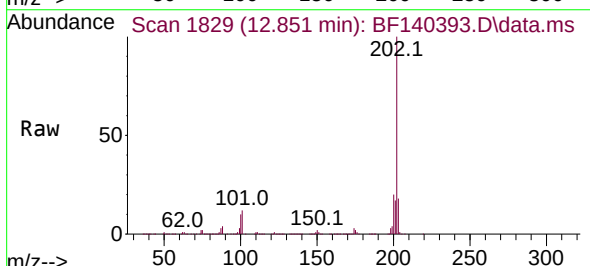
Delta R.T. 0.006 min

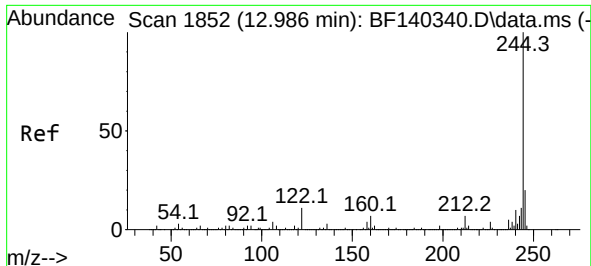
Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Tgt Ion:202 Resp: 1233627

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.9	14.2	21.4





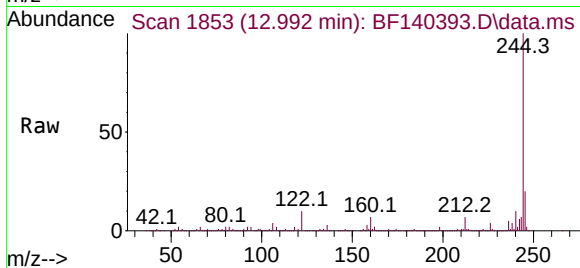
#79
 Terphenyl-d14
 Concen: 92.258 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: BF140393.D
 Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS



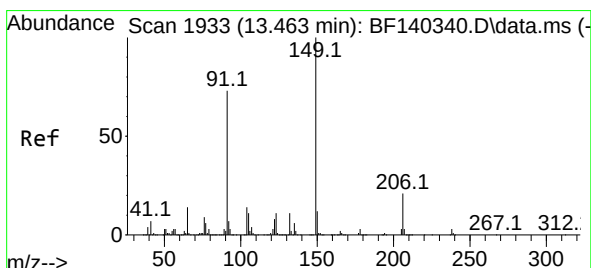
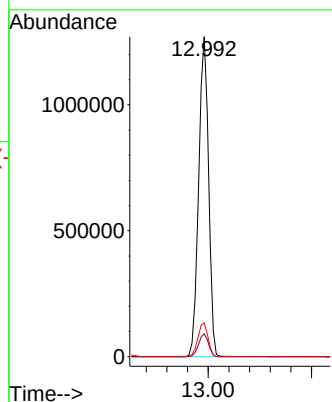
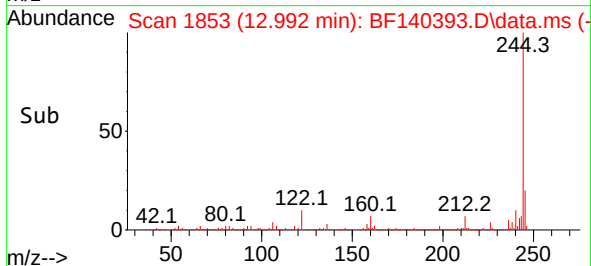
Tgt Ion:244 Resp: 1685980
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.5 8.8 13.2

Manual Integrations

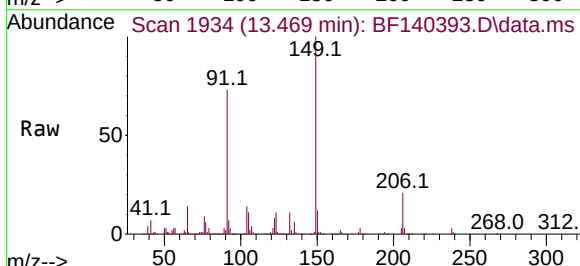
APPROVED

Reviewed By :Yogesh Patel 11/18/2024

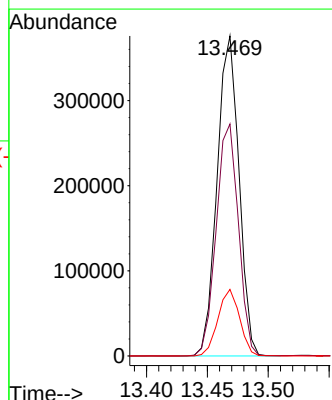
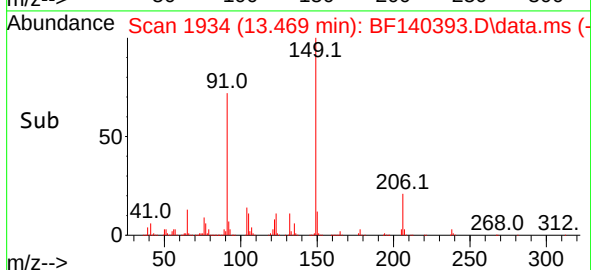
Supervised By :mohammad ahmed 11/18/2024

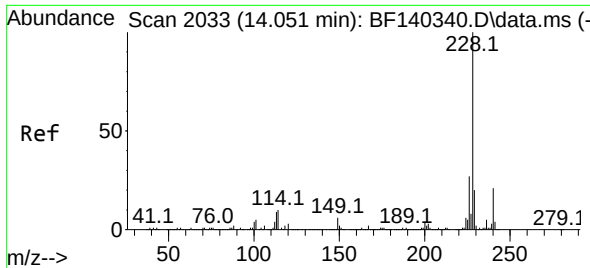


#80
 Butylbenzylphthalate
 Concen: 45.174 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. 0.012 min
 Lab File: BF140393.D
 Acq: 15 Nov 2024 10:34



Tgt Ion:149 Resp: 470859
 Ion Ratio Lower Upper
 149 100
 91 72.5 61.0 91.4
 206 20.8 16.1 24.1





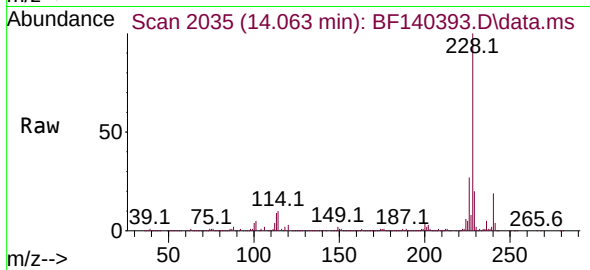
#81
Benzo(a)anthracene
Concen: 45.056 ng
RT: 14.063 min Scan# 2033
Delta R.T. 0.024 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

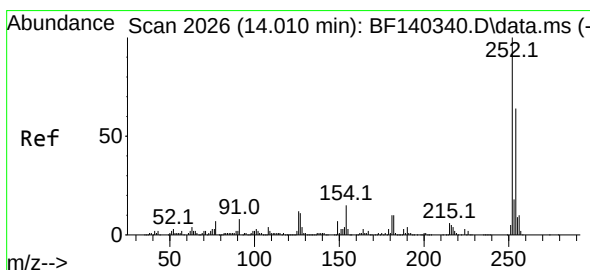
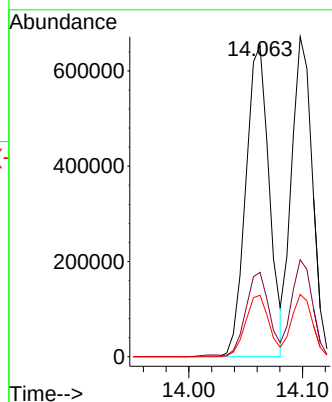
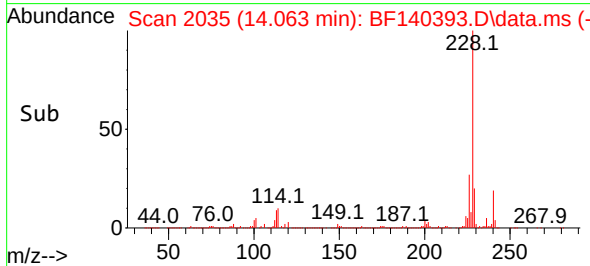


Tgt Ion:228 Resp: 939325
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 19.8 15.8 23.6

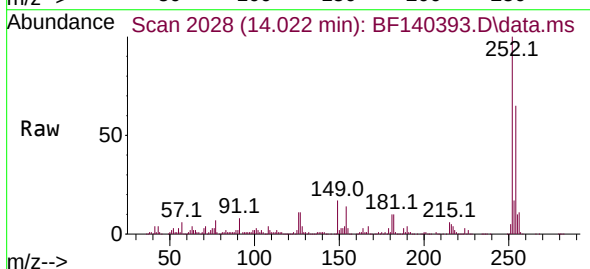
Manual Integrations

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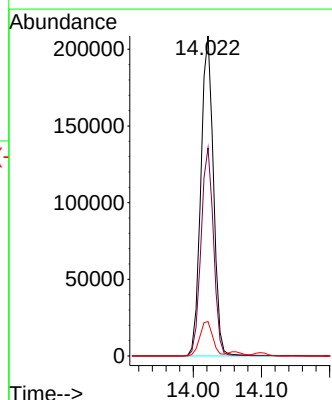
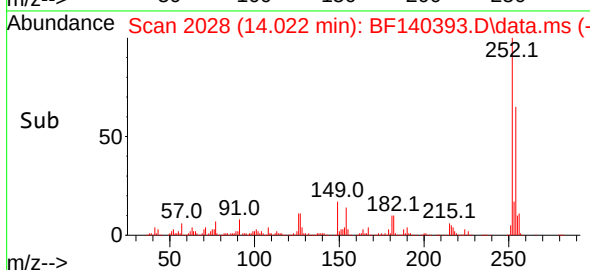
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

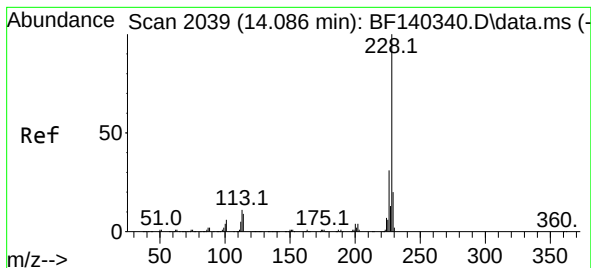


#82
3,3'-Dichlorobenzidine
Concen: 40.455 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.024 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



Tgt Ion:252 Resp: 268070
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.2
126 10.7 9.4 14.0





#83

Chrysene

Concen: 44.923 ng

RT: 14.098 min Scan# 2041

Delta R.T. 0.018 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

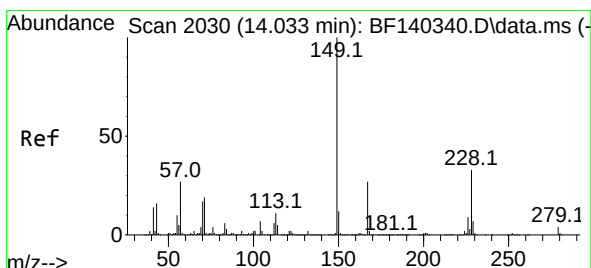
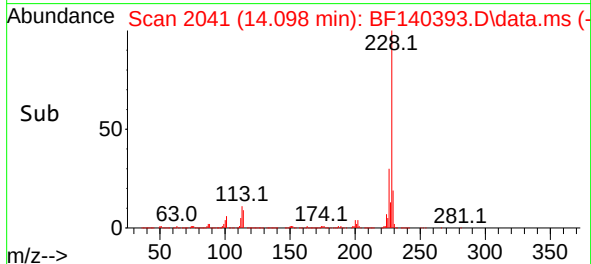
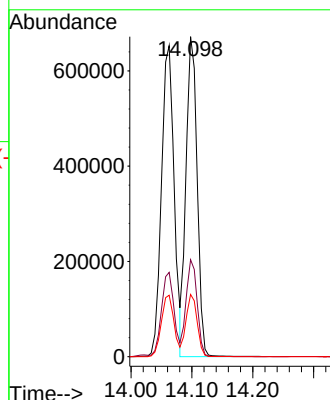
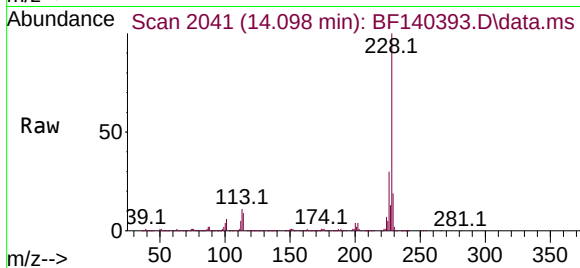
Tgt Ion:	228	Resp:	85452
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.5	36.7
229	19.5	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.707 ng

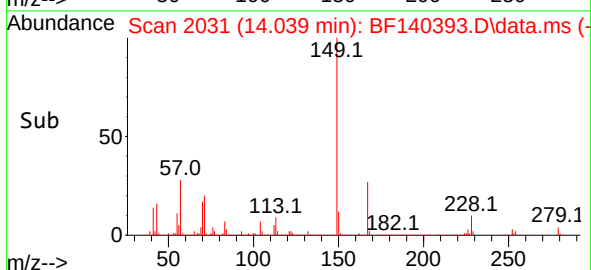
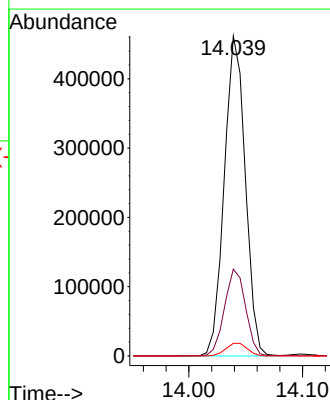
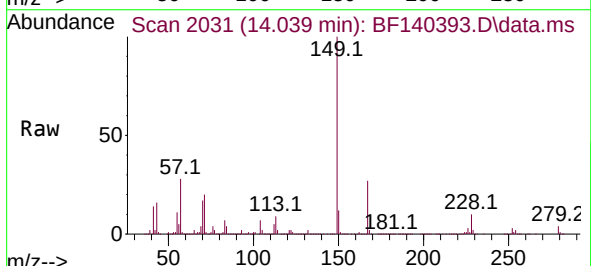
RT: 14.039 min Scan# 2031

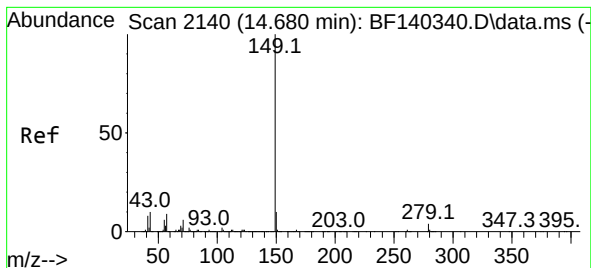
Delta R.T. 0.018 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

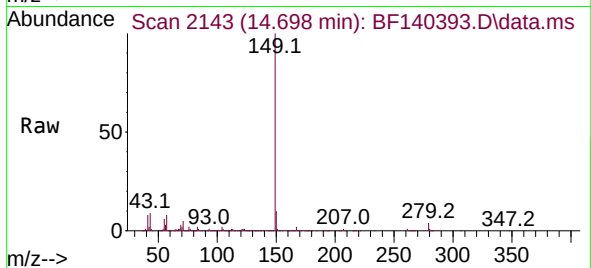
Tgt Ion:	149	Resp:	594170
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.4	32.0
279	3.9	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 42.271 ng
RT: 14.698 min Scan# 2143
Delta R.T. 0.035 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

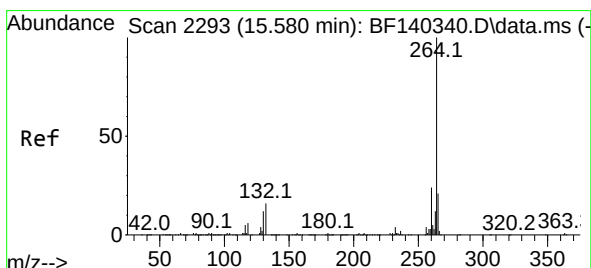
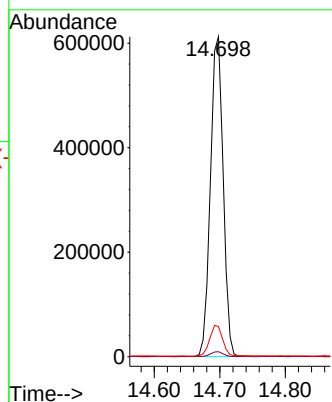
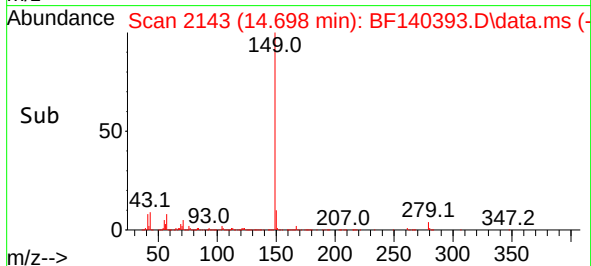
Instrument :
BNA_F
ClientSampleId :
PB164789BS



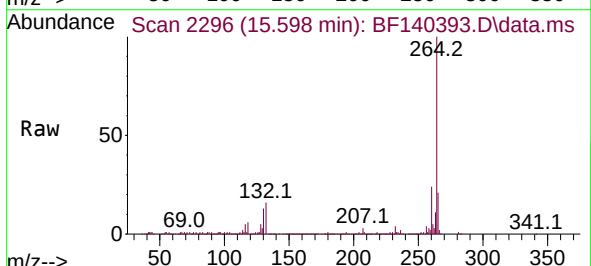
Tgt Ion:149 Resp: 828270
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 8.0 12.0

Manual Integrations
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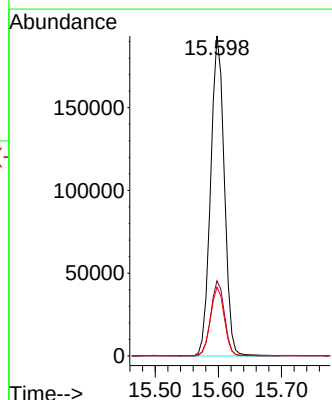
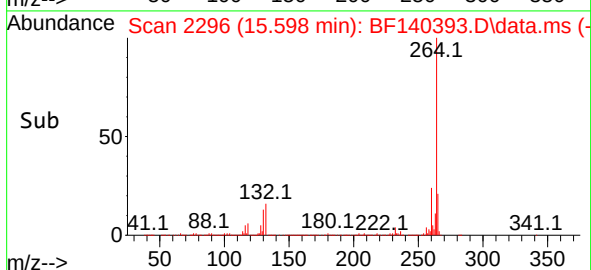
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

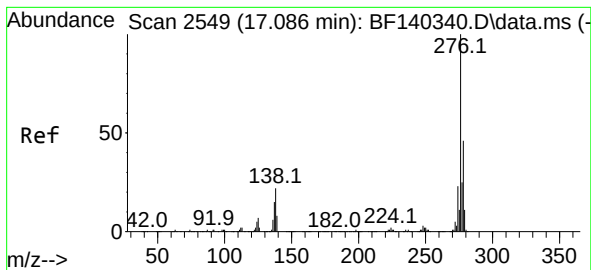


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2296
Delta R.T. 0.041 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



Tgt Ion:264 Resp: 291377
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.601 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

Tgt Ion:276 Resp: 838769

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

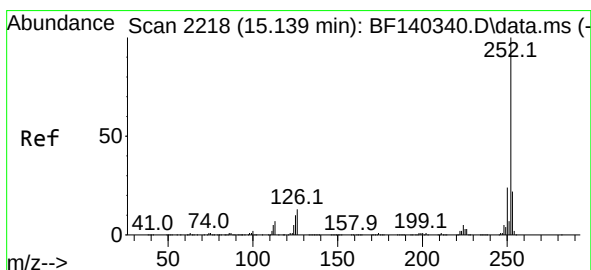
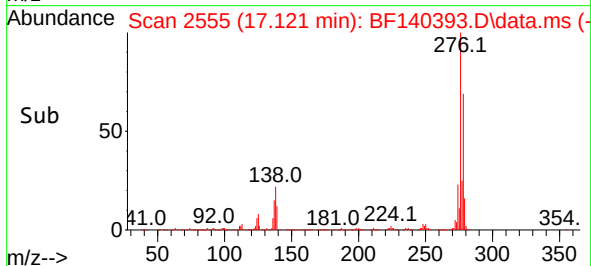
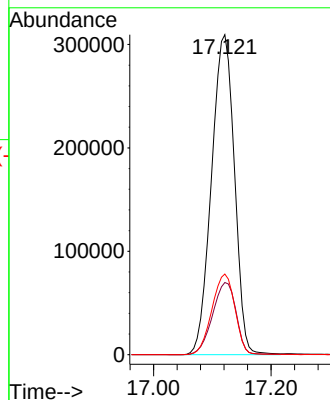
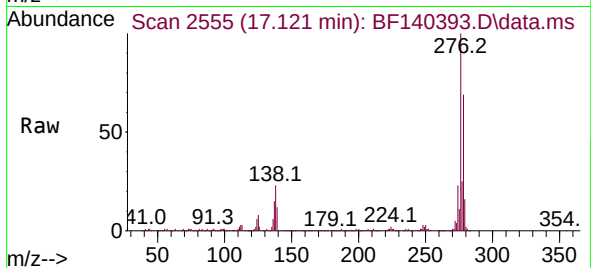
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#88

Benzo(b)fluoranthene

Concen: 40.829 ng

RT: 15.157 min Scan# 2221

Delta R.T. 0.041 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

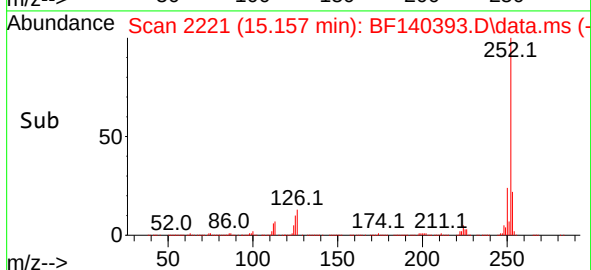
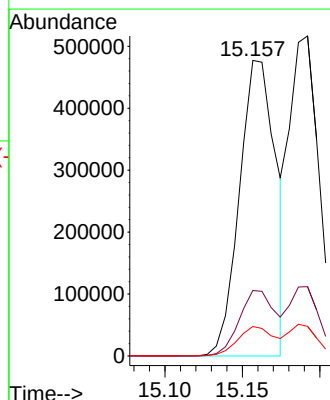
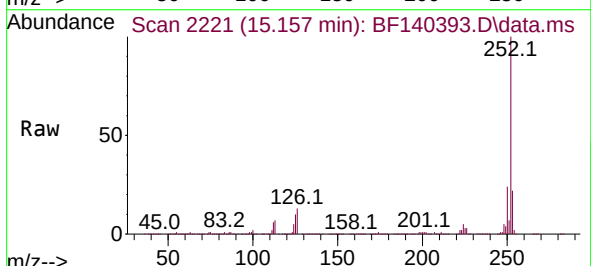
Tgt Ion:252 Resp: 778217

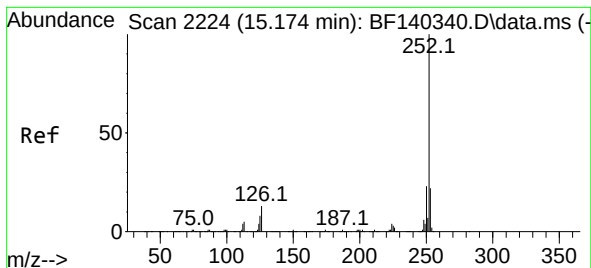
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 44.361 ng

RT: 15.192 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

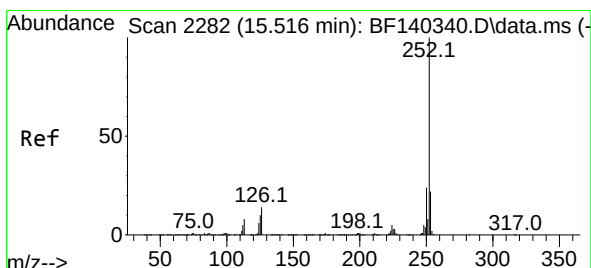
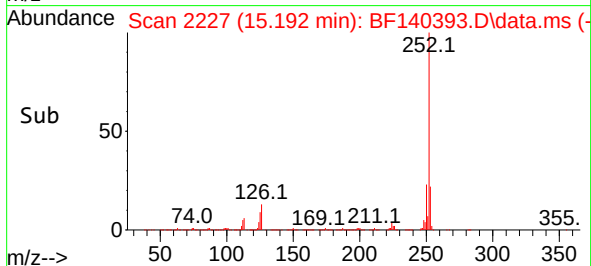
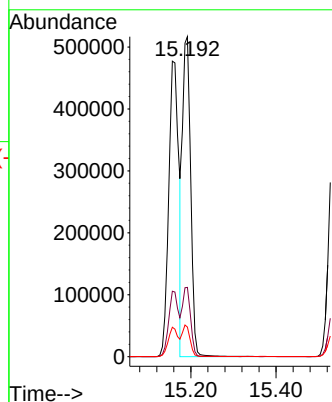
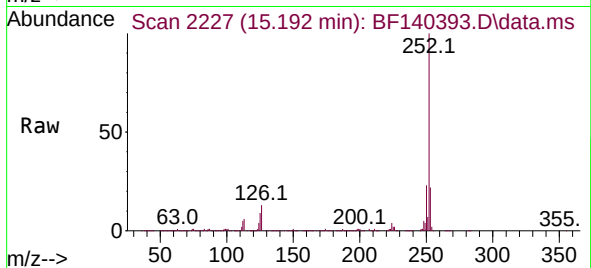
ClientSampleId :

PB164789BS

Tgt Ion:252 Resp: 69074
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 9.2 7.4 11.2

Manual Integrations
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Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024



#90

Benzo(a)pyrene

Concen: 46.748 ng

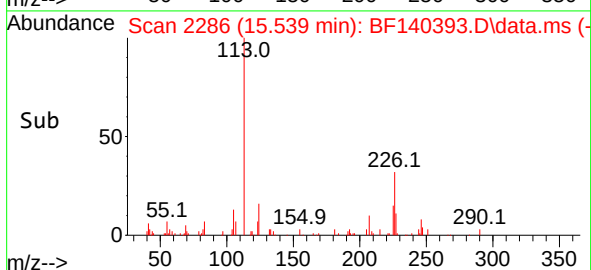
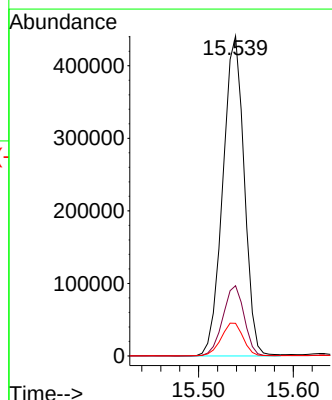
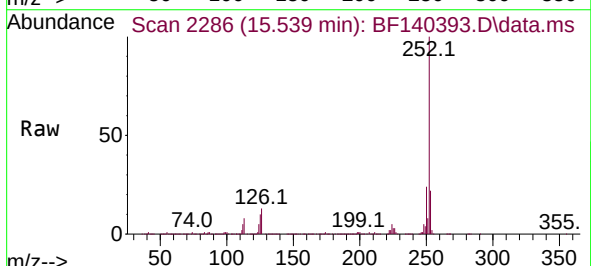
RT: 15.539 min Scan# 2286

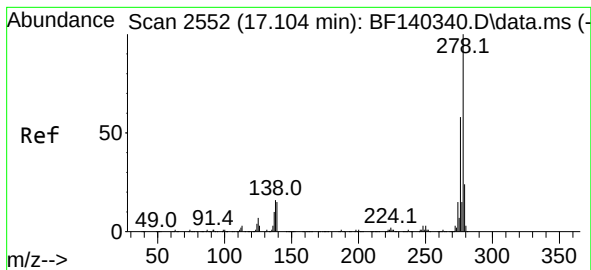
Delta R.T. 0.047 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Tgt Ion:252 Resp: 691951
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.6
 125 10.2 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 46.083 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

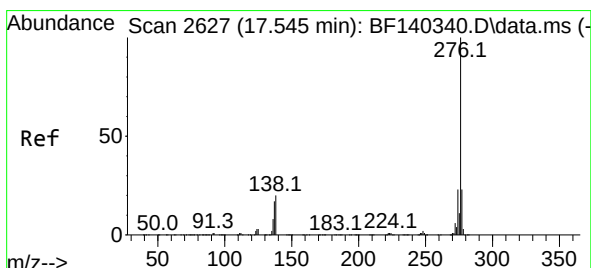
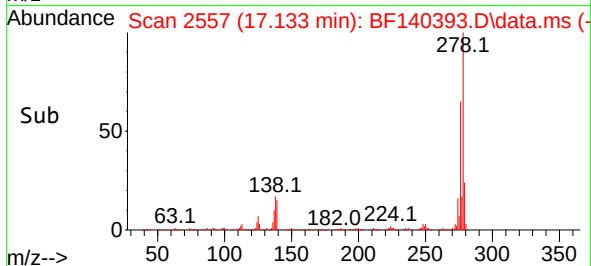
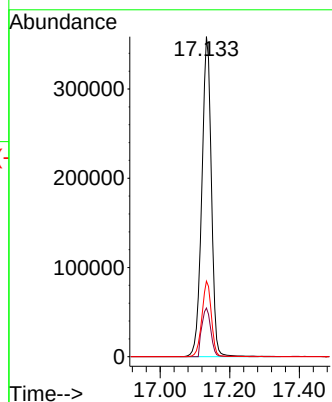
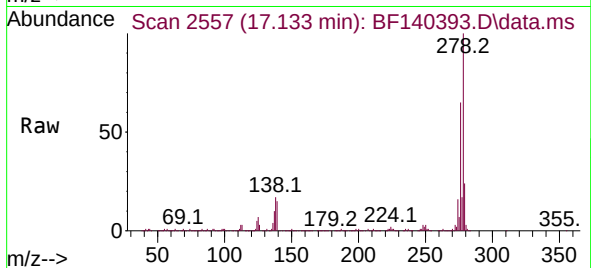
ClientSampleId :

PB164789BS

Tgt Ion:278 Resp: 685624
Ion Ratio Lower Upper
278 100
139 15.2 11.8 17.8
279 23.6 18.9 28.3

Manual Integrations
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Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#92
Benzo(g,h,i)perylene
Concen: 42.597 ng
RT: 17.574 min Scan# 2632
Delta R.T. 0.059 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:276 Resp: 647910
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 20.5 16.0 24.0

