

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 18:36:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	111338	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	407852	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	228841	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	436884	20.000	ng	0.00
76) Chrysene-d12	14.051	240	251461	20.000	ng	0.00
86) Perylene-d12	15.557	264	241288	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	546695	83.779	ng	0.00
7) Phenol-d6	6.516	99	715376	82.925	ng	0.00
23) Nitrobenzene-d5	7.434	82	666058	83.533	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	211482	86.408	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1271155	82.763	ng	-0.01
79) Terphenyl-d14	12.980	244	1340625	83.016	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	113183	41.253	ng	97
3) Pyridine	3.404	79	261113	43.255	ng	99
4) n-Nitrosodimethylamine	3.369	42	140273	39.537	ng	91
6) Aniline	6.534	93	247715	40.796	ng	# 71
8) 2-Chlorophenol	6.657	128	296851	42.284	ng	99
9) Benzaldehyde	6.422	77	179459	39.296	ng	99
10) Phenol	6.528	94	366410	41.590	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	285071	42.284	ng	98
12) 1,3-Dichlorobenzene	6.804	146	331247	41.991	ng	99
13) 1,4-Dichlorobenzene	6.881	146	328765	41.161	ng	99
14) 1,2-Dichlorobenzene	7.040	146	313249	41.853	ng	99
15) Benzyl Alcohol	7.016	79	250728	39.191	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	319710	40.141	ng	71
17) 2-Methylphenol	7.134	107	232545	41.380	ng	95
18) Hexachloroethane	7.375	117	122849	41.181	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	202526	39.723	ng	96
20) 3+4-Methylphenols	7.287	107	299394	41.448	ng	# 85
22) Acetophenone	7.281	105	409520	41.186	ng	97
24) Nitrobenzene	7.457	77	340292	41.293	ng	97
25) Isophorone	7.692	82	555956	41.803	ng	99
26) 2-Nitrophenol	7.769	139	160033	43.820	ng	96
27) 2,4-Dimethylphenol	7.810	122	192473m	44.048	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	344075	42.468	ng	99
29) 2,4-Dichlorophenol	8.022	162	250923	43.337	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	278158	42.076	ng	100
31) Naphthalene	8.169	128	890300	42.379	ng	99
32) Benzoic acid	7.969	122	179000	47.213	ng	98
33) 4-Chloroaniline	8.228	127	258600	41.114	ng	99
34) Hexachlorobutadiene	8.281	225	182142	41.597	ng	98
35) Caprolactam	8.604	113	78101m	43.587	ng	
36) 4-Chloro-3-methylphenol	8.716	107	274503	42.344	ng	99
37) 2-Methylnaphthalene	8.857	142	565502	42.381	ng	98
38) 1-Methylnaphthalene	8.957	142	554906	42.427	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	283106	42.259	ng	99
41) Hexachlorocyclopentadiene	9.010	237	51965	38.655	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	179504	42.701	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

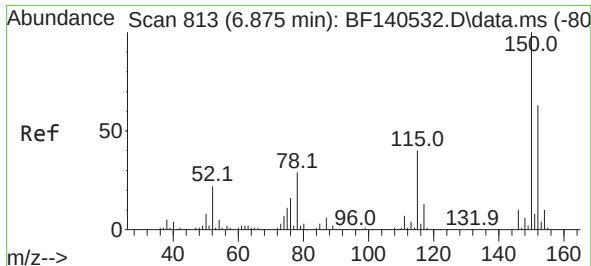
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 18:36:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	191015	41.868	ng	97
46) 1,1'-Biphenyl	9.322	154	712274	41.689	ng	99
47) 2-Chloronaphthalene	9.351	162	548428	42.363	ng	99
48) 2-Nitroaniline	9.457	65	173500	41.753	ng	95
49) Acenaphthylene	9.769	152	802935	41.049	ng	99
50) Dimethylphthalate	9.628	163	639675	42.443	ng	100
51) 2,6-Dinitrotoluene	9.698	165	145468	42.558	ng	94
52) Acenaphthene	9.939	154	516945	41.593	ng	99
53) 3-Nitroaniline	9.869	138	144912	43.347	ng	98
54) 2,4-Dinitrophenol	9.986	184	88646	53.002	ng	95
55) Dibenzofuran	10.110	168	783038	41.305	ng	99
56) 4-Nitrophenol	10.051	139	123343	54.099	ng	95
57) 2,4-Dinitrotoluene	10.104	165	197930	43.570	ng	96
58) Fluorene	10.457	166	644283	42.340	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	162969	46.479	ng	91
60) Diethylphthalate	10.322	149	651981	42.578	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	322425	43.176	ng	96
62) 4-Nitroaniline	10.492	138	154265	43.997	ng	94
63) Azobenzene	10.604	77	605475	41.754	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109749	49.160	ng	93
66) n-Nitrosodiphenylamine	10.569	169	534148	41.343	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	191210	42.498	ng	98
68) Hexachlorobenzene	11.004	284	221124	42.445	ng	97
69) Atrazine	11.092	200	124649	34.295	ng	99
70) Pentachlorophenol	11.210	266	87095	37.985	ng	99
71) Phenanthrene	11.422	178	871003	41.475	ng	99
72) Anthracene	11.475	178	858438	41.788	ng	100
73) Carbazole	11.633	167	829167	41.957	ng	100
74) Di-n-butylphthalate	11.951	149	980776	42.988	ng	99
75) Fluoranthene	12.616	202	963587	42.260	ng	100
77) Benzidine	12.739	184	220453	30.153	ng	99
78) Pyrene	12.845	202	974808	41.926	ng	99
80) Butylbenzylphthalate	13.451	149	341631	40.788	ng	98
81) Benzo(a)anthracene	14.039	228	722318	43.394	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	219006	43.822	ng	100
83) Chrysene	14.080	228	612266	40.226	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	415362	39.273	ng	99
85) Di-n-octyl phthalate	14.639	149	626554	43.349	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	748155	47.579	ng	97
88) Benzo(b)fluoranthene	15.115	252	637387	42.056	ng	99
89) Benzo(k)fluoranthene	15.145	252	529858	39.952	ng	99
90) Benzo(a)pyrene	15.492	252	516945	41.950	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	618905	48.060	ng	99
92) Benzo(g,h,i)perylene	17.539	276	641395	48.809	ng	97

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



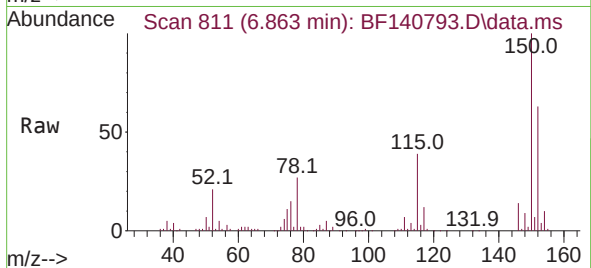
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



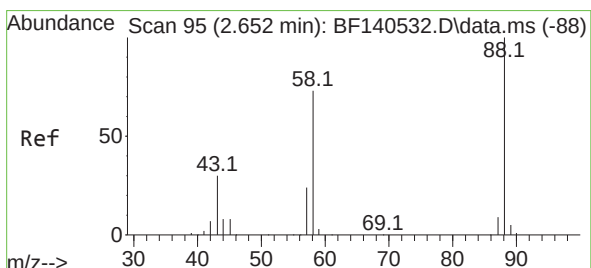
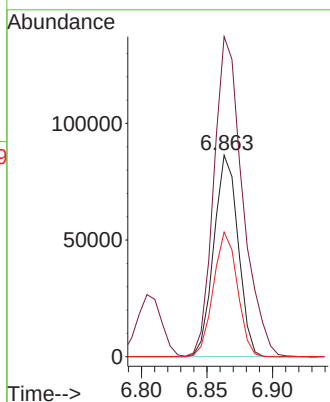
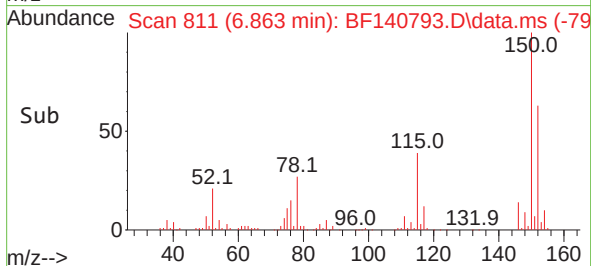
Tgt Ion:152 Resp: 111338
Ion Ratio Lower Upper
152 100
150 158.9 128.5 192.7
115 61.9 50.2 75.4

Manual Integrations

APPROVED

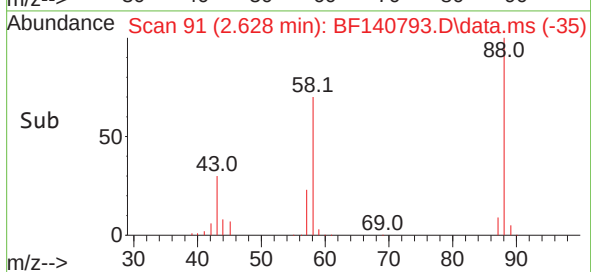
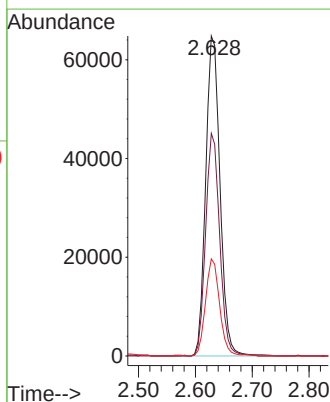
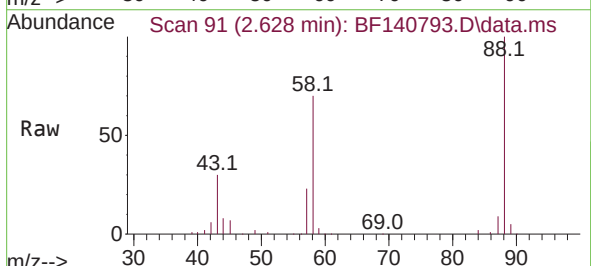
Reviewed By :Yogesh Patel 12/11/2024

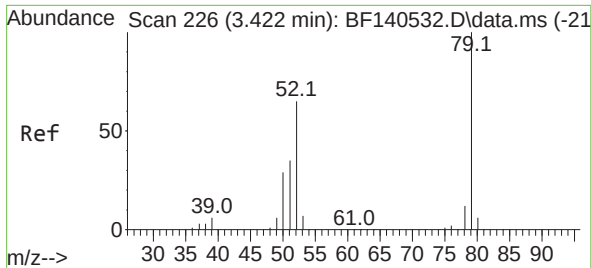
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 41.253 ng
RT: 2.628 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 88 Resp: 113183
Ion Ratio Lower Upper
88 100
58 68.3 57.4 86.2
43 30.1 24.3 36.5





#3

Pyridine

Concen: 43.255 ng

RT: 3.404 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 26111

Ion Ratio Lower Upper

79 100

52 65.4 52.1 78.1

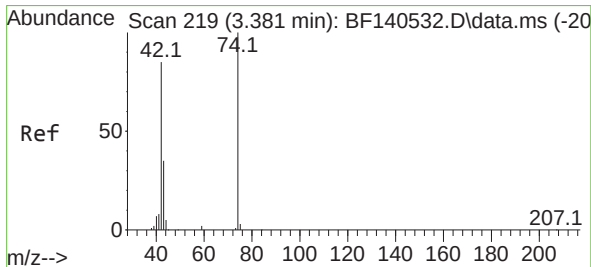
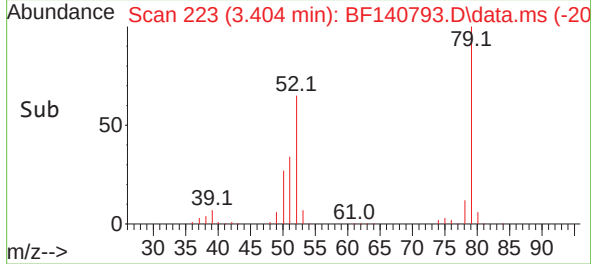
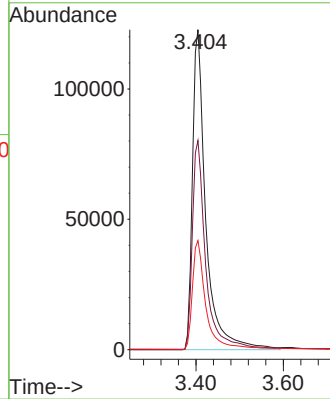
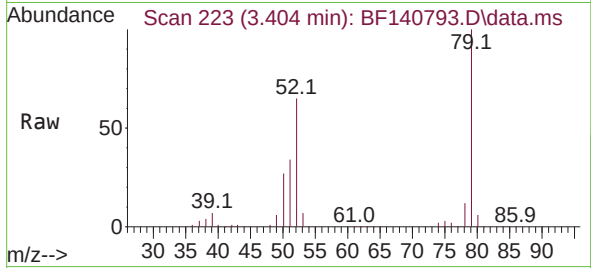
51 34.1 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#4

n-Nitrosodimethylamine

Concen: 39.537 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

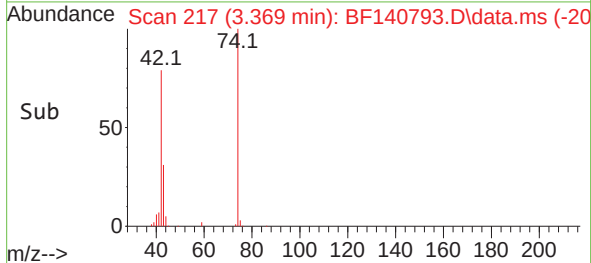
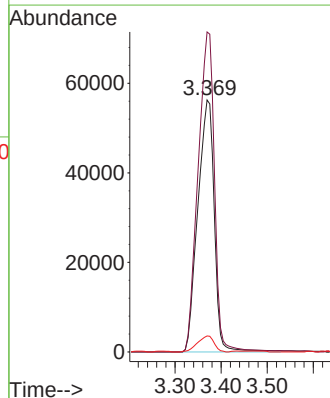
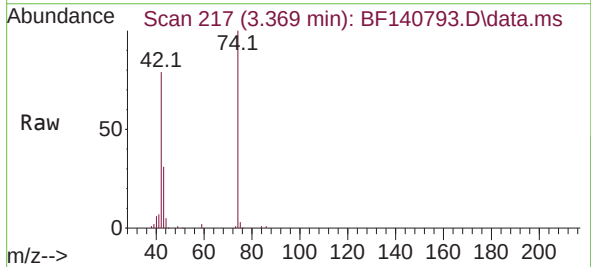
Tgt Ion: 42 Resp: 140273

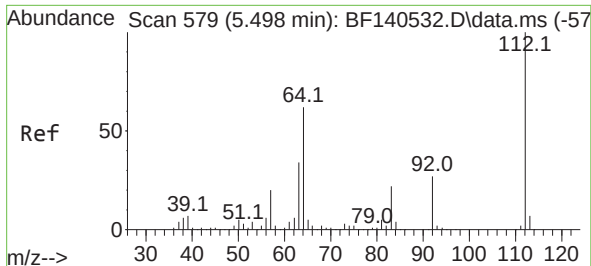
Ion Ratio Lower Upper

42 100

74 127.0 93.8 140.6

44 6.4 4.6 6.8





#5
2-Fluorophenol
Concen: 83.779 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

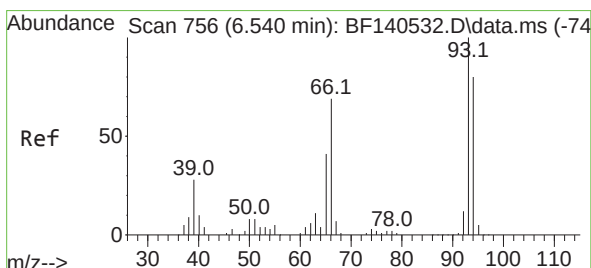
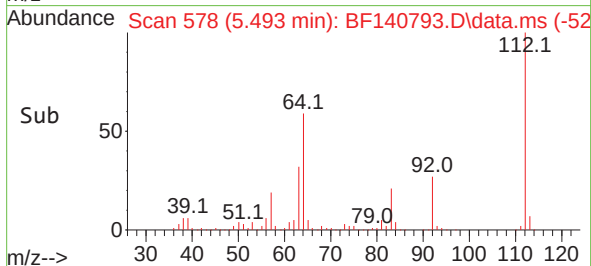
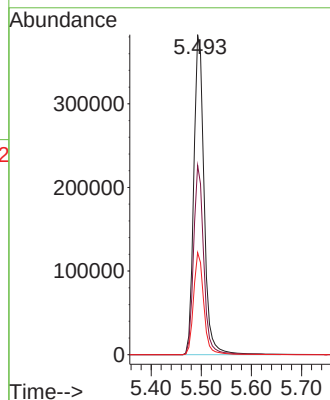
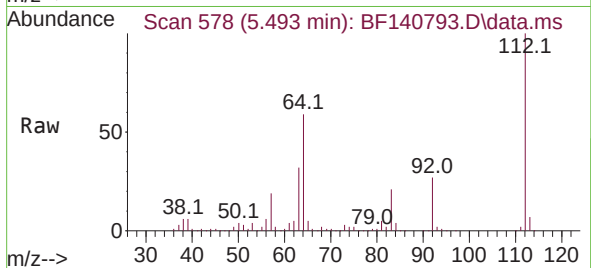
Tgt Ion:112 Resp: 54669
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.9 27.0 40.4

Manual Integrations

APPROVED

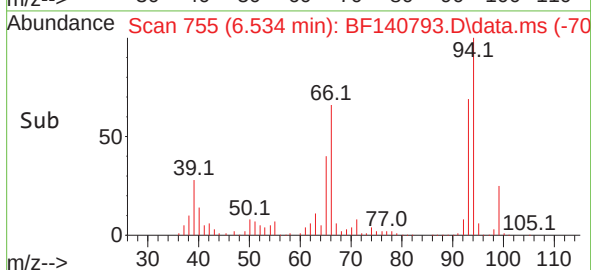
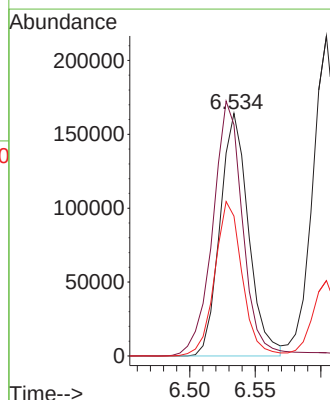
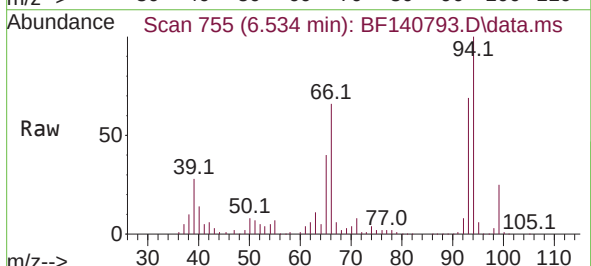
Reviewed By :Yogesh Patel 12/11/2024

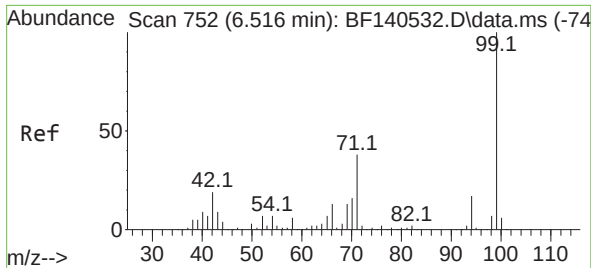
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 40.796 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

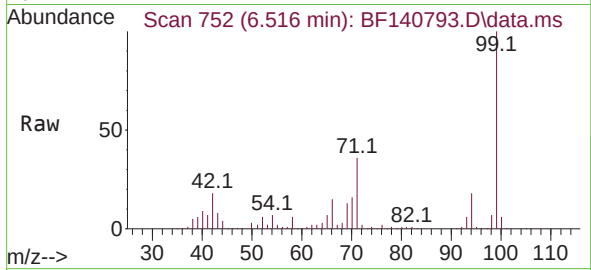
Tgt Ion: 93 Resp: 247715
Ion Ratio Lower Upper
93 100
66 95.3 56.5 84.7#
65 57.7 32.9 49.3#





#7
Phenol-d6
Concen: 82.925 ng
RT: 6.516 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

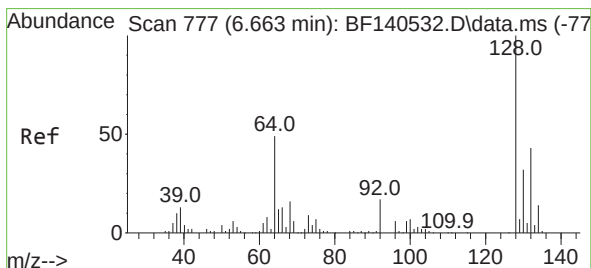
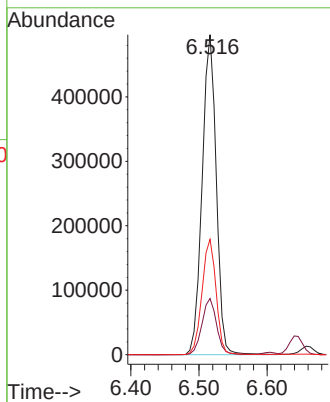
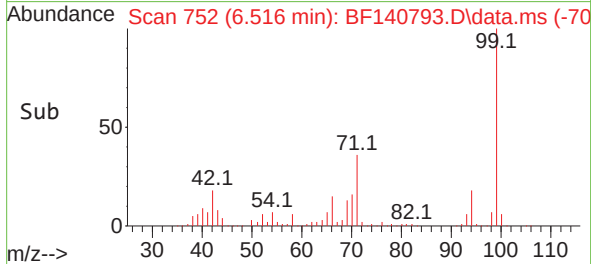
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 99 Resp: 715370
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.1 30.6 46.0

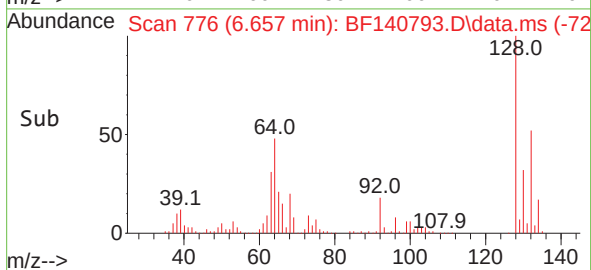
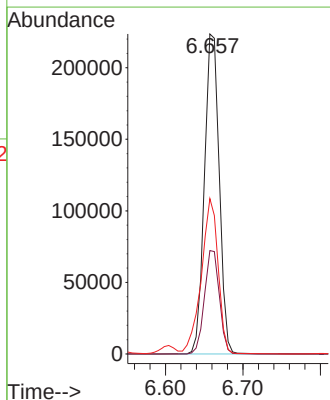
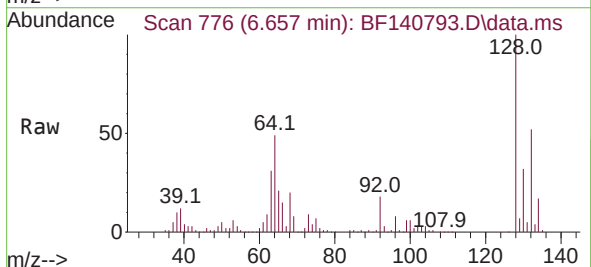
Manual Integrations
APPROVED

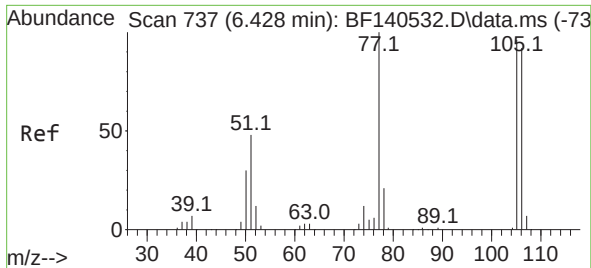
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#8
2-Chlorophenol
Concen: 42.284 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:128 Resp: 296851
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 48.6 30.2 70.2





#9

Benzaldehyde

Concen: 39.296 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 17945

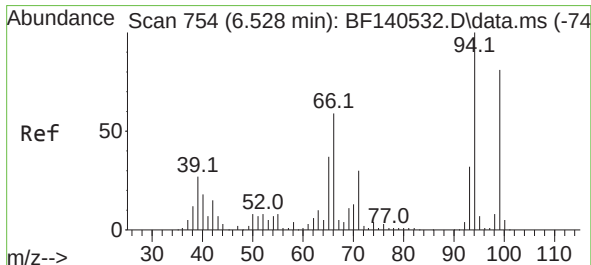
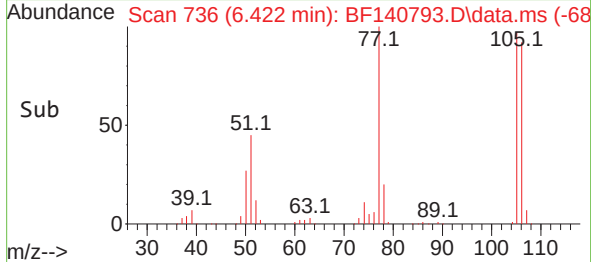
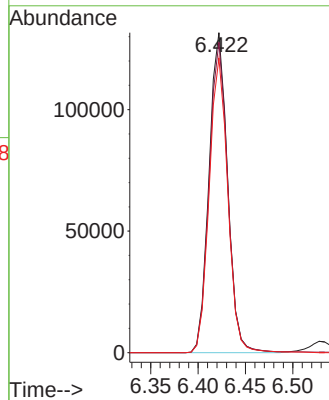
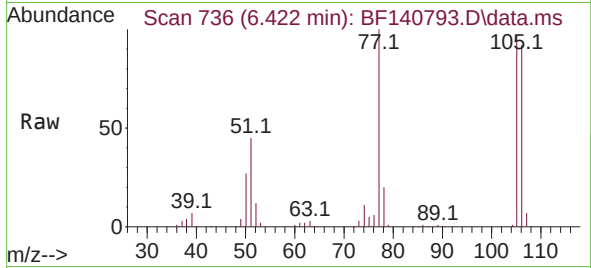
Ion	Ratio	Lower	Upper
77	100		
105	97.0	75.6	115.6
106	92.0	72.0	112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#10

Phenol

Concen: 41.590 ng

RT: 6.528 min Scan# 754

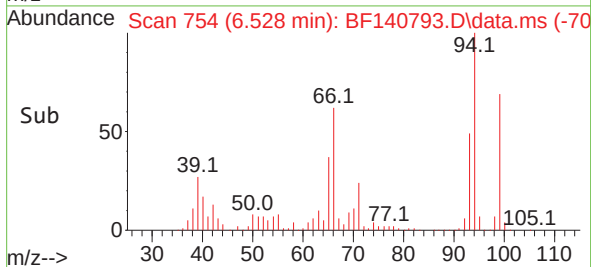
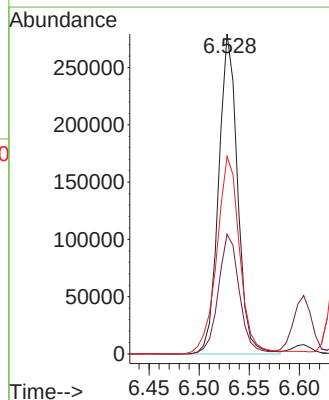
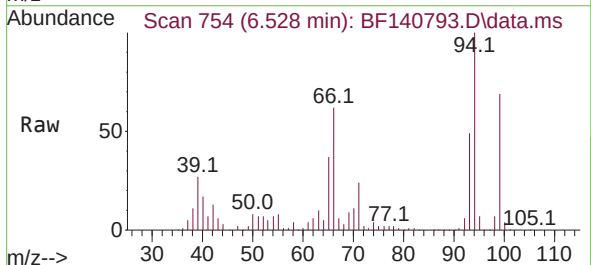
Delta R.T. 0.000 min

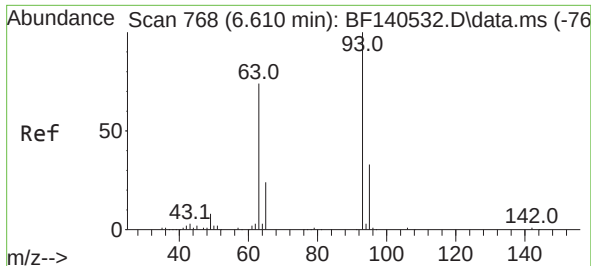
Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion: 94 Resp: 366410

Ion	Ratio	Lower	Upper
94	100		
65	37.4	17.2	57.2
66	61.8	39.2	79.2





#11

bis(2-Chloroethyl)ether

Concen: 42.284 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 28507

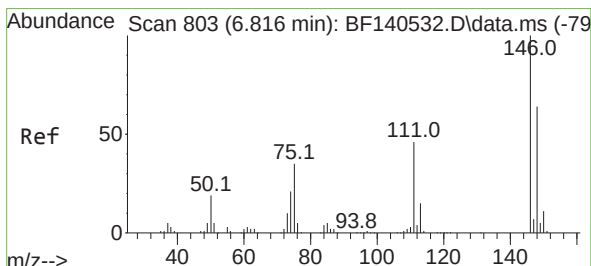
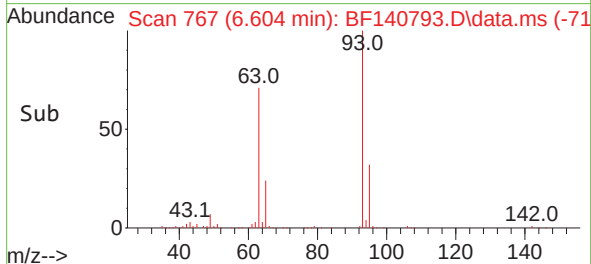
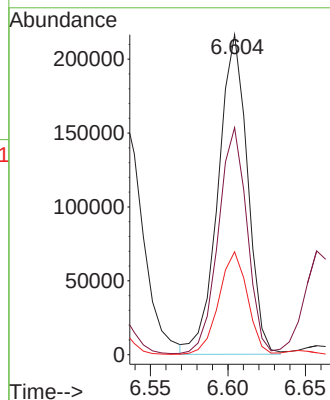
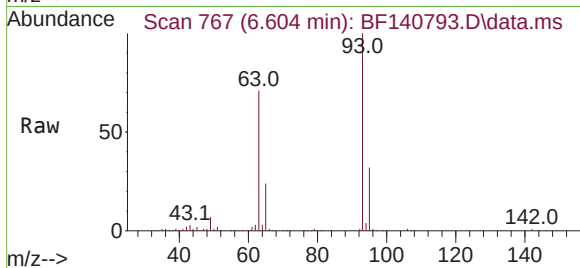
Ion	Ratio	Lower	Upper
93	100		
63	71.0	52.8	92.8
95	32.1	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#12

1,3-Dichlorobenzene

Concen: 41.991 ng

RT: 6.804 min Scan# 801

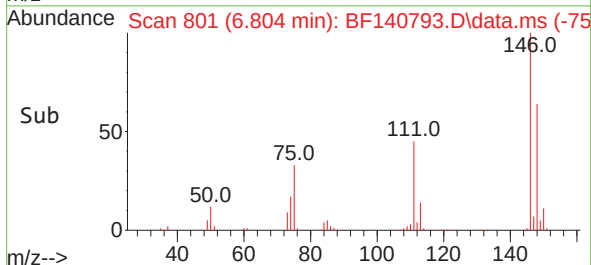
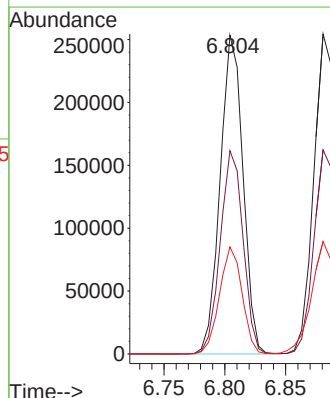
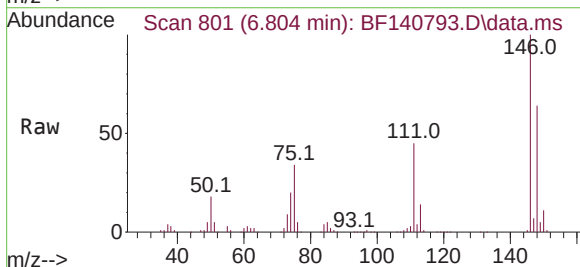
Delta R.T. -0.012 min

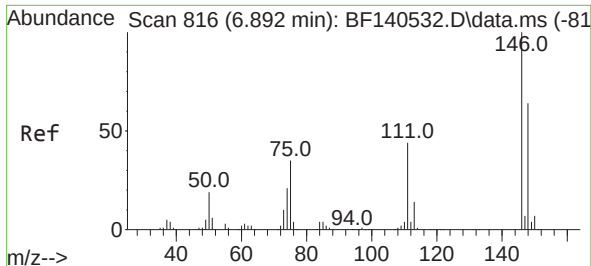
Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:146 Resp: 331247

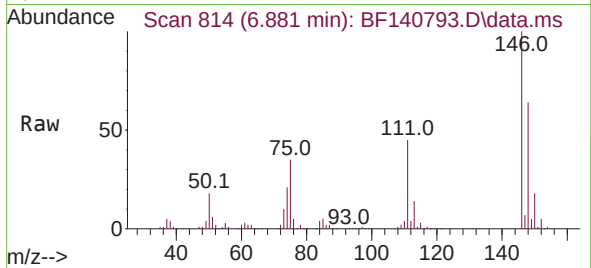
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
75	33.6	28.2	42.2





#13
1,4-Dichlorobenzene
Concen: 41.161 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

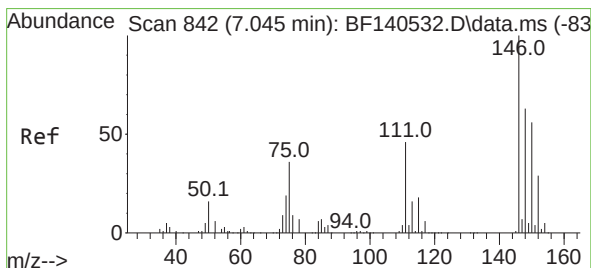
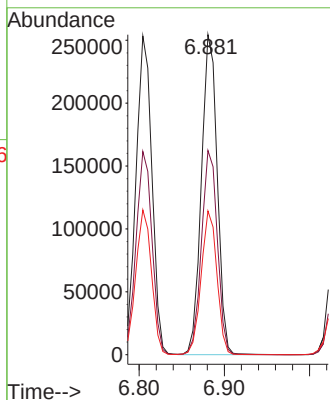
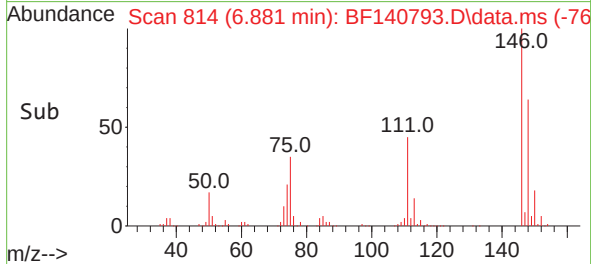
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



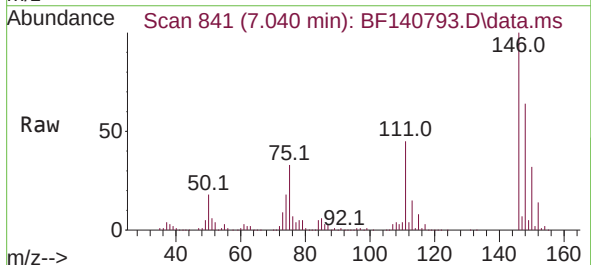
Tgt Ion:146 Resp: 32876
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.9 35.3 52.9

Manual Integrations
APPROVED

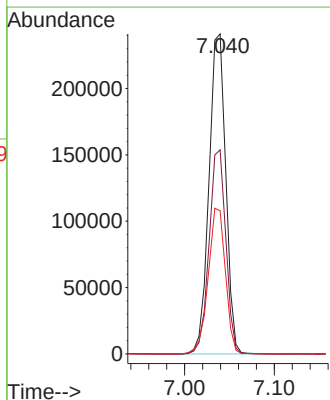
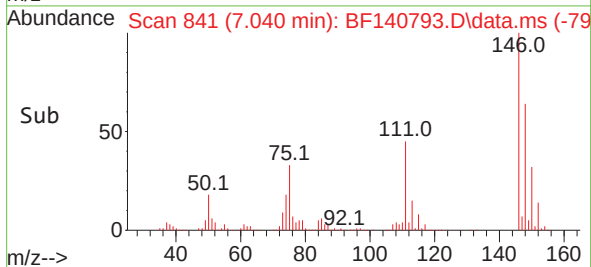
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

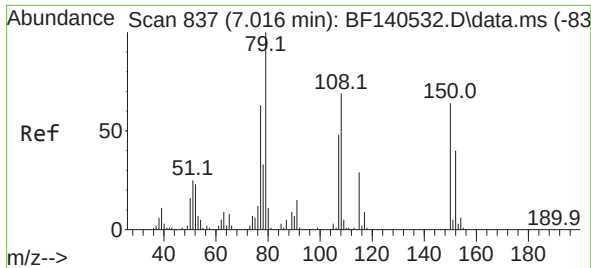


#14
1,2-Dichlorobenzene
Concen: 41.853 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



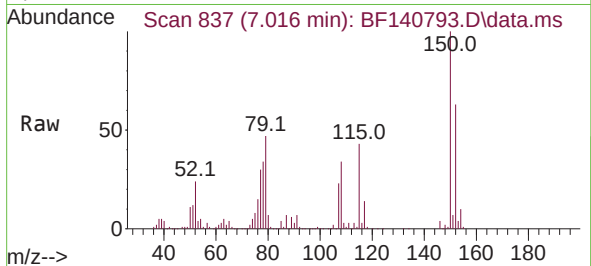
Tgt Ion:146 Resp: 313249
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 44.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 39.191 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

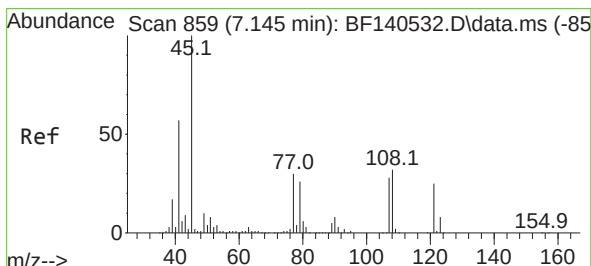
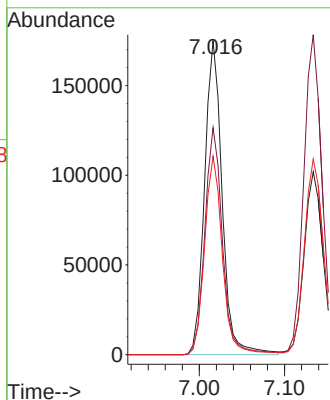
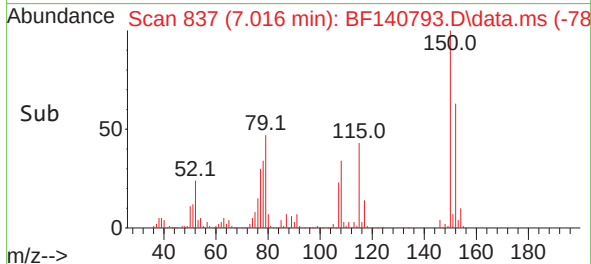
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 250728
Ion Ratio Lower Upper
79 100
108 72.3 55.0 82.6
77 63.2 50.1 75.1

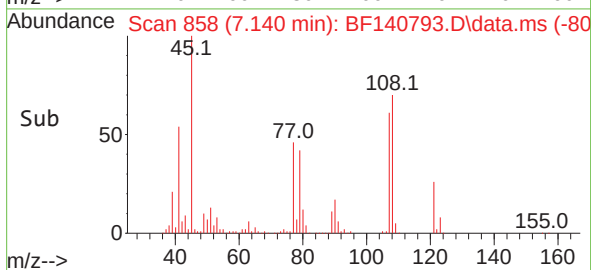
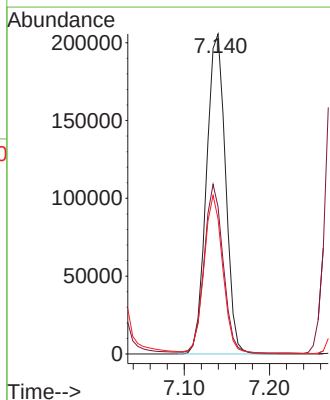
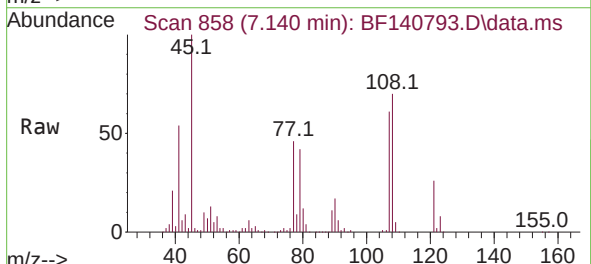
Manual Integrations
APPROVED

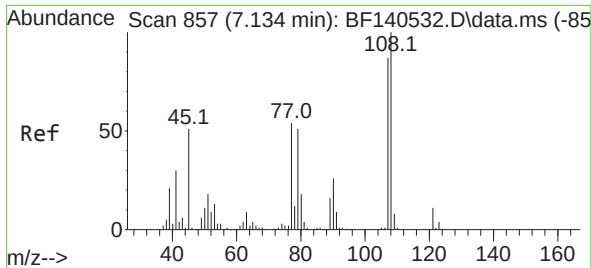
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.141 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 45 Resp: 319710
Ion Ratio Lower Upper
45 100
77 46.0 10.7 50.7
79 42.3 7.0 47.0





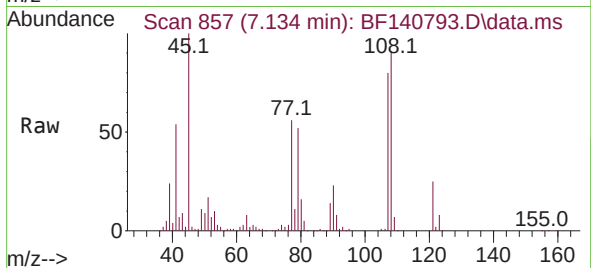
#17
2-Methylphenol
Concen: 41.380 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



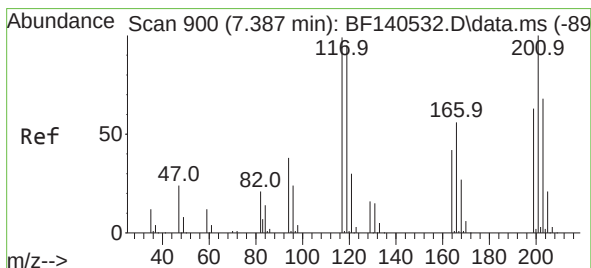
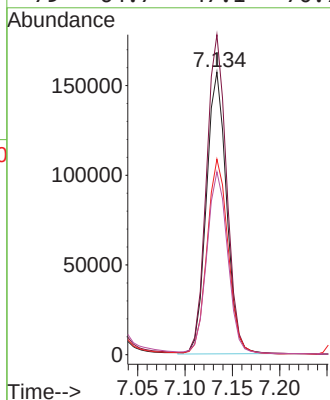
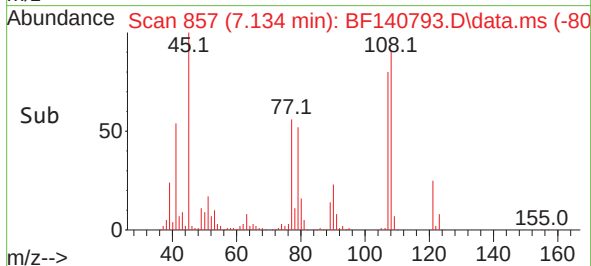
Tgt Ion:107 Resp: 232549
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 69.2 49.3 73.9
79 64.7 47.1 70.7

Manual Integrations

APPROVED

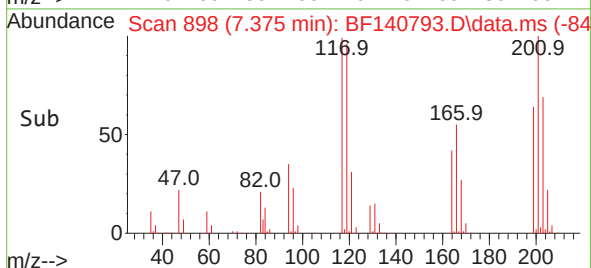
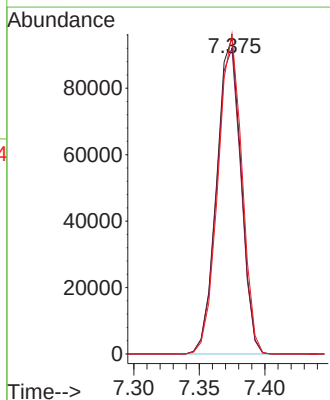
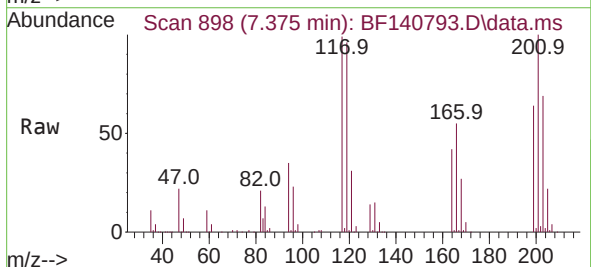
Reviewed By :Yogesh Patel 12/11/2024

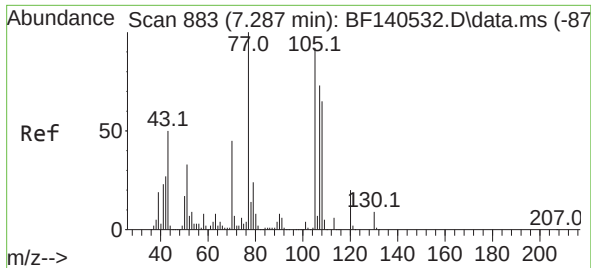
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 41.181 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:117 Resp: 122849
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7
201 101.2 81.1 121.7





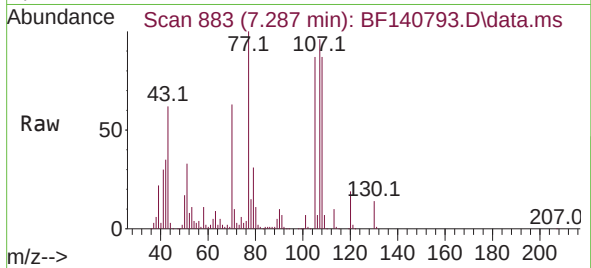
#19
n-Nitroso-di-n-propylamine
Concen: 39.723 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



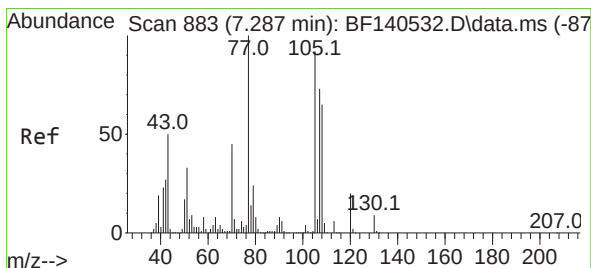
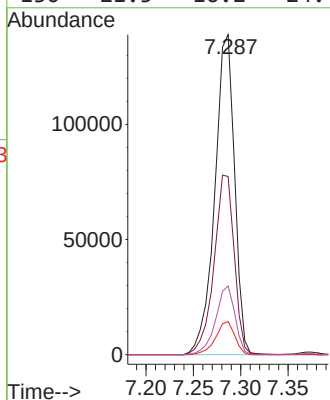
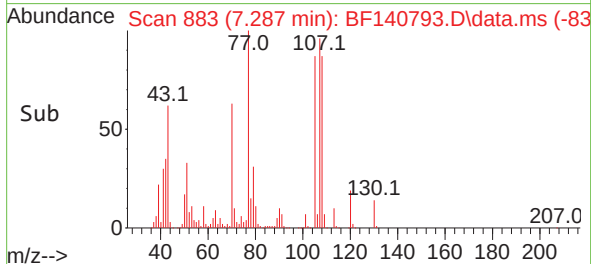
Tgt Ion: 70 Resp: 202520
Ion Ratio Lower Upper
70 100
42 55.7 47.6 71.4
101 10.4 7.6 11.4
130 21.5 16.2 24.4

Manual Integrations

APPROVED

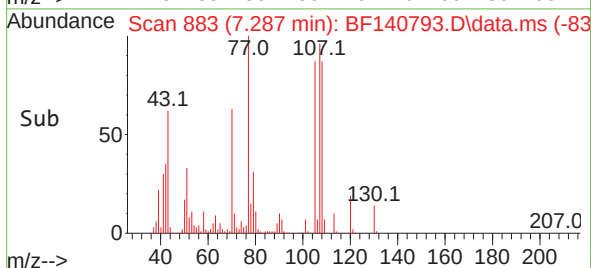
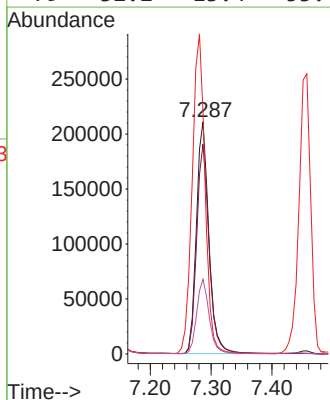
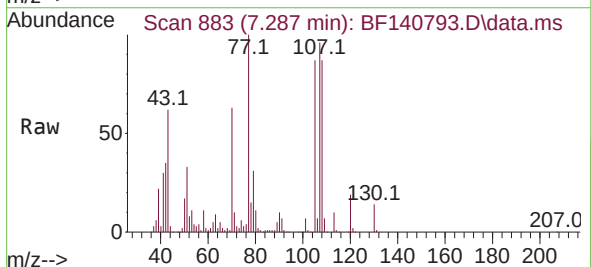
Reviewed By :Yogesh Patel 12/11/2024

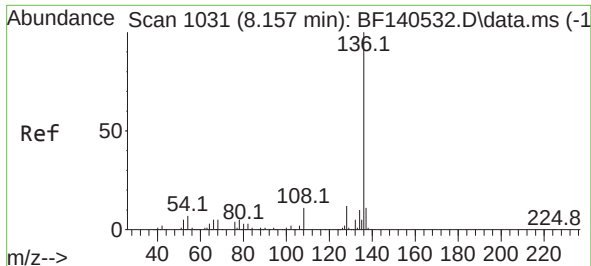
Supervised By :mohammad ahmed 12/12/2024



#20
3+4-Methylphenols
Concen: 41.448 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:107 Resp: 299394
Ion Ratio Lower Upper
107 100
108 90.4 69.9 109.9
77 104.1 117.7 157.7#
79 32.2 13.4 53.4





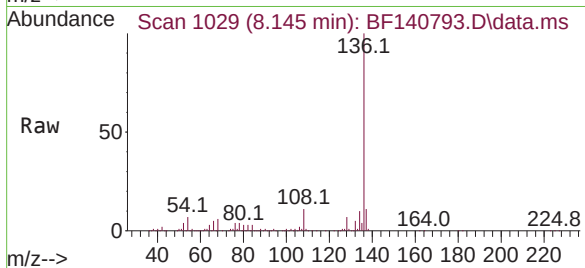
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



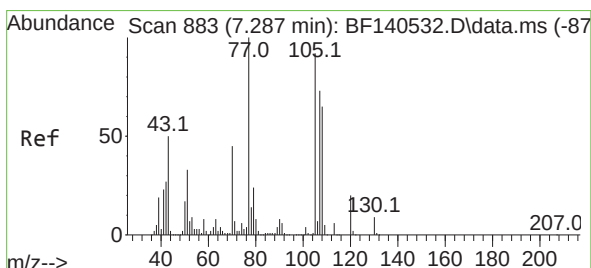
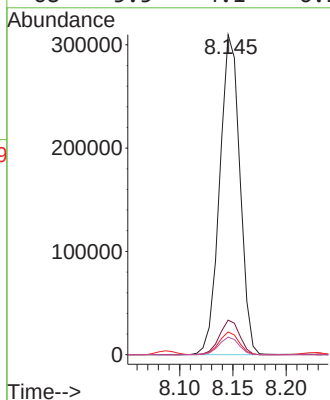
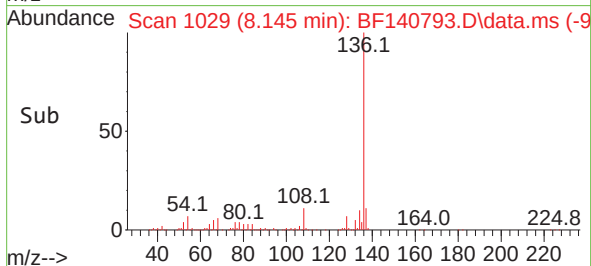
Tgt Ion:136 Resp: 407852
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 5.8 8.8
68 5.5 4.1 6.1

Manual Integrations

APPROVED

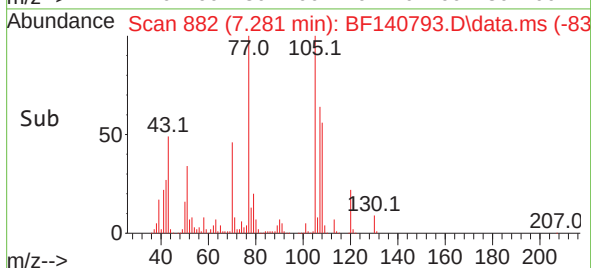
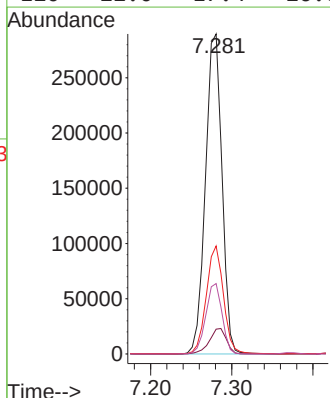
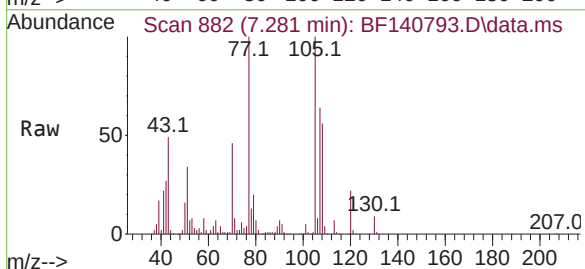
Reviewed By :Yogesh Patel 12/11/2024

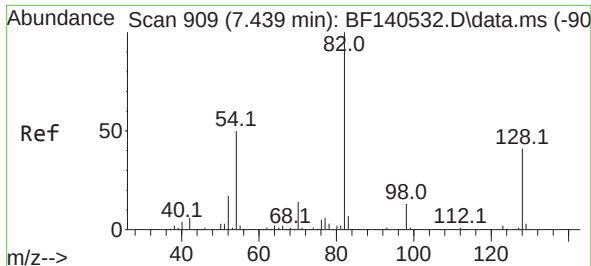
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 41.186 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:105 Resp: 409520
Ion Ratio Lower Upper
105 100
71 7.8 6.2 9.2
51 33.8 29.0 43.6
120 22.0 17.4 26.0





#23
Nitrobenzene-d5
Concen: 83.533 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

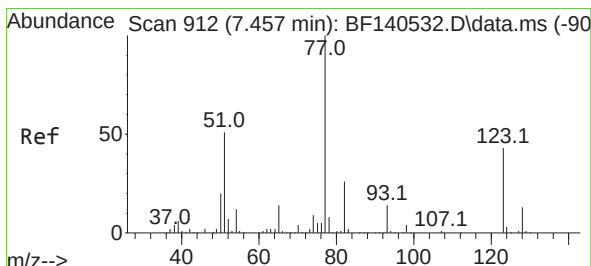
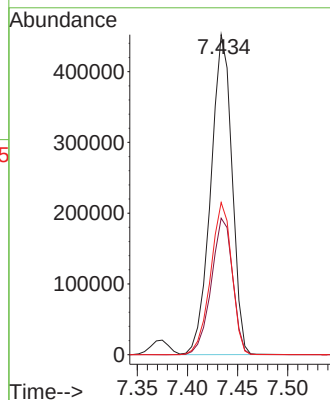
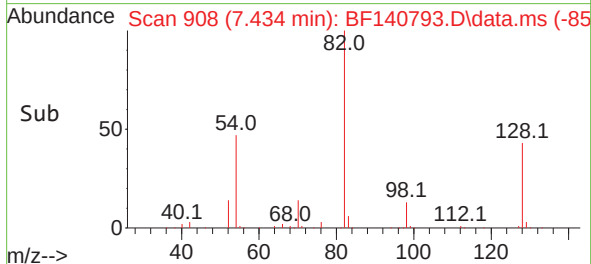
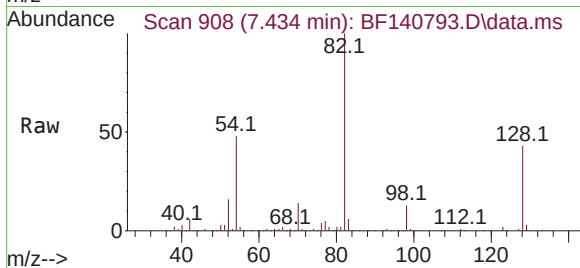
SSTDCCC040EC

Tgt Ion: 82 Resp: 666058
Ion Ratio Lower Upper
82 100
128 42.7 33.0 49.4
54 47.6 39.5 59.3

Manual Integrations

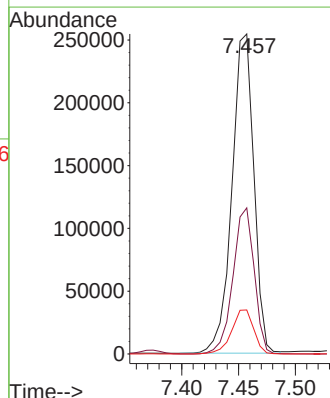
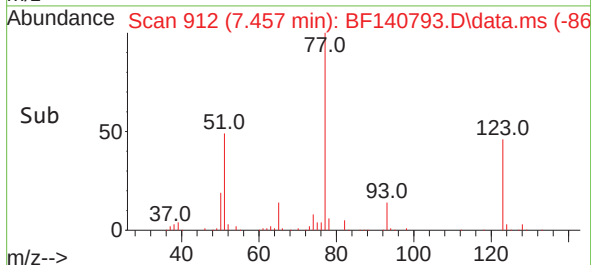
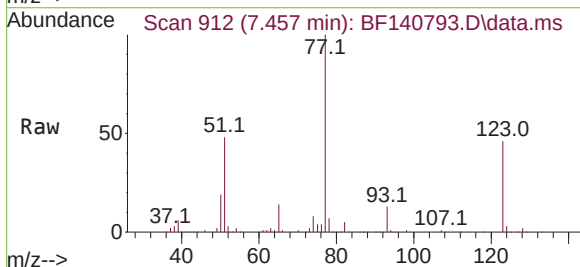
APPROVED

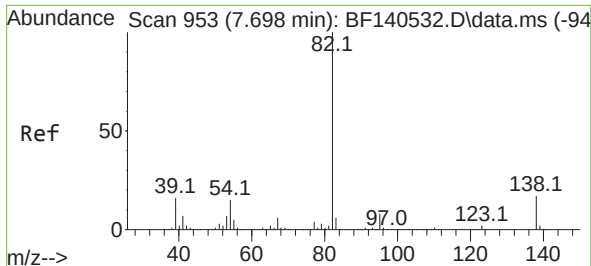
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#24
Nitrobenzene
Concen: 41.293 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 77 Resp: 340292
Ion Ratio Lower Upper
77 100
123 45.7 34.3 51.5
65 13.7 11.2 16.8





#25
Isophorone
Concen: 41.803 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

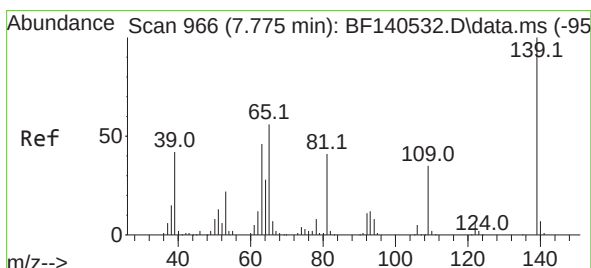
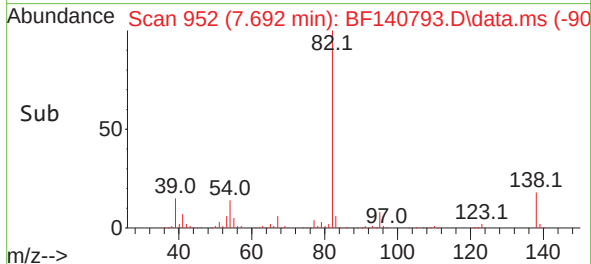
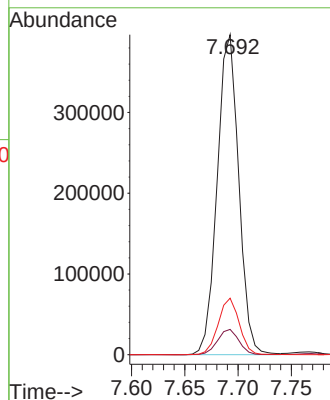
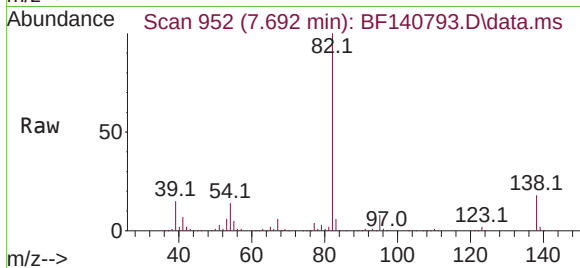
SSTDCCC040EC

Tgt Ion: 82 Resp: 55595
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.6 13.8 20.6

Manual Integrations

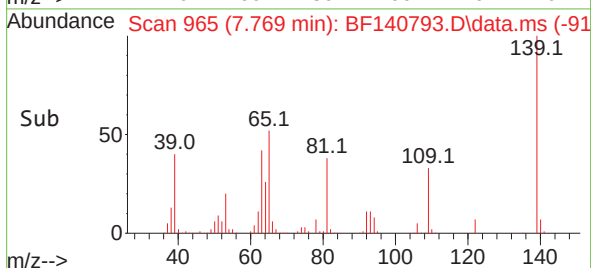
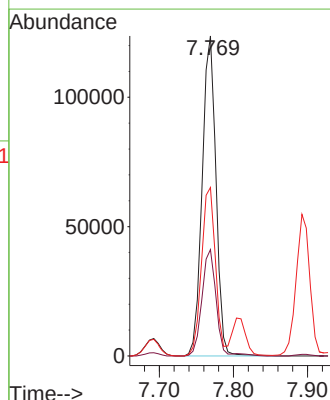
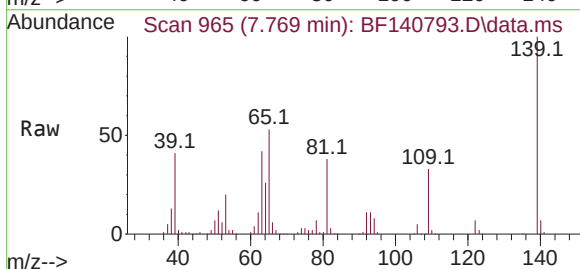
APPROVED

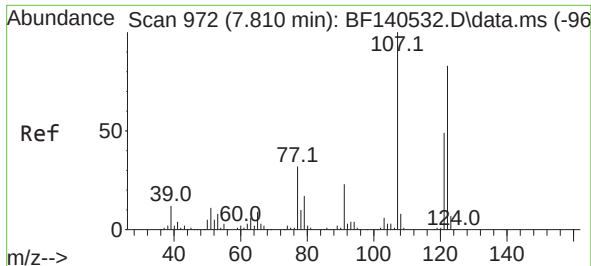
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 43.820 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

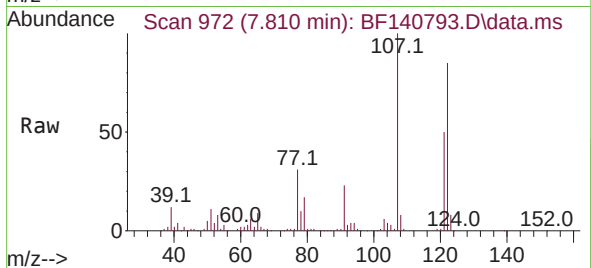
Tgt Ion:139 Resp: 160033
Ion Ratio Lower Upper
139 100
109 33.3 28.0 42.0
65 52.6 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 44.048 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

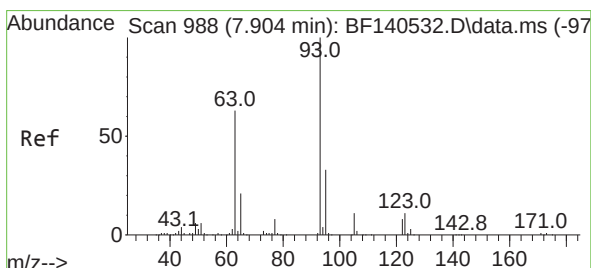
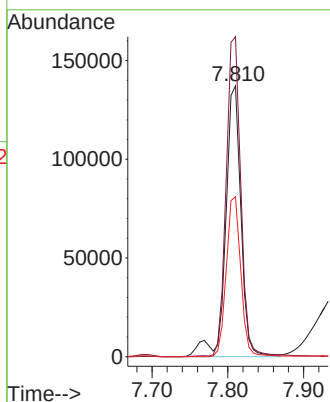
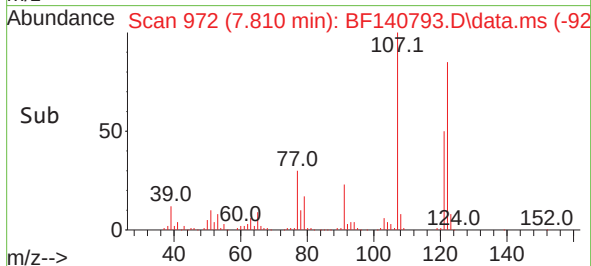
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:122 Resp: 19247
Ion Ratio Lower Upper
122 100
107 118.2 96.8 145.2
121 59.1 47.4 71.0

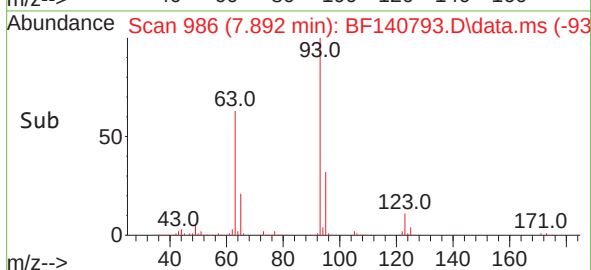
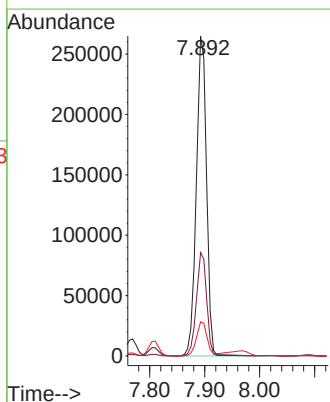
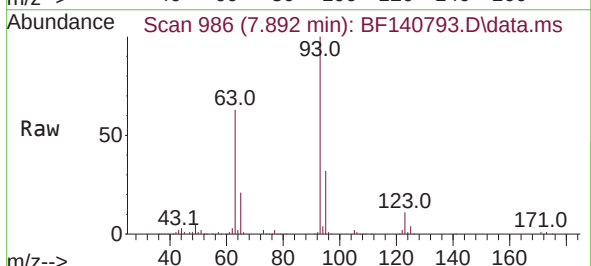
Manual Integrations
APPROVED

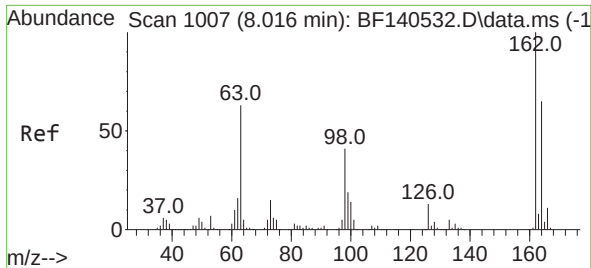
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.468 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 93 Resp: 344075
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.337 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

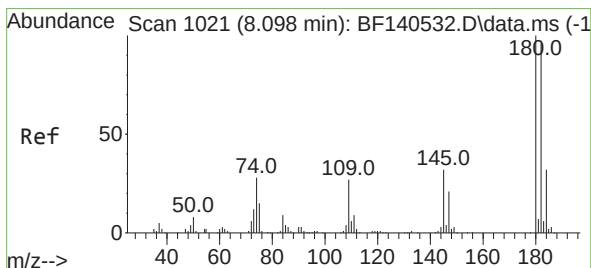
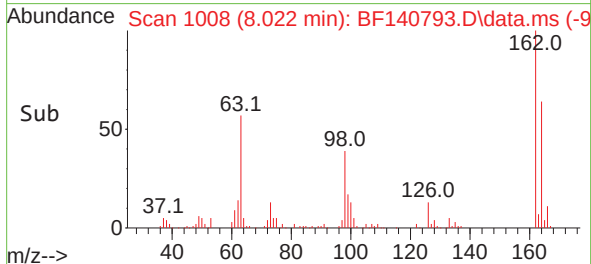
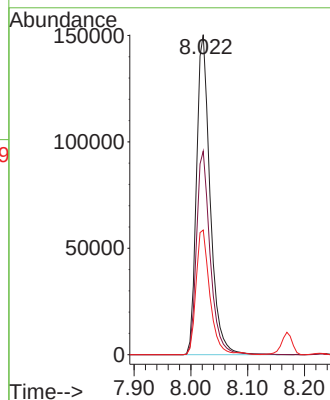
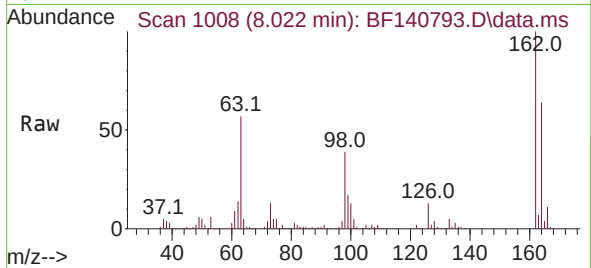
Tgt Ion:162 Resp: 250923
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.8 84.8
 98 38.9 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.076 ng

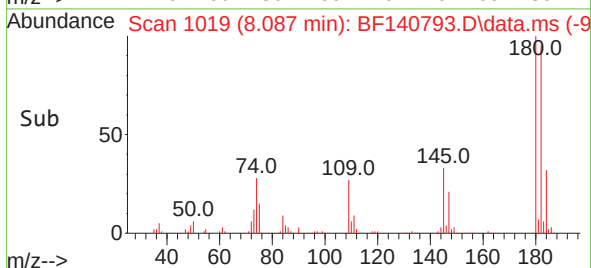
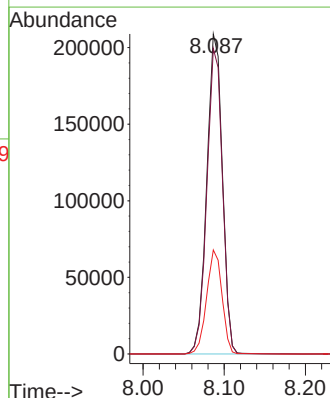
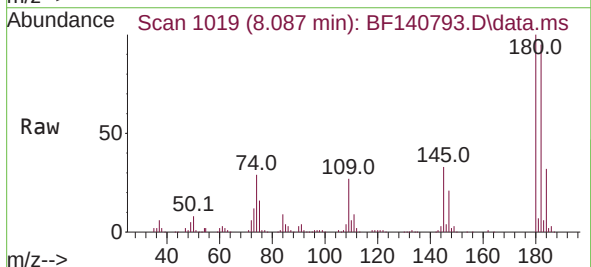
RT: 8.087 min Scan# 1019

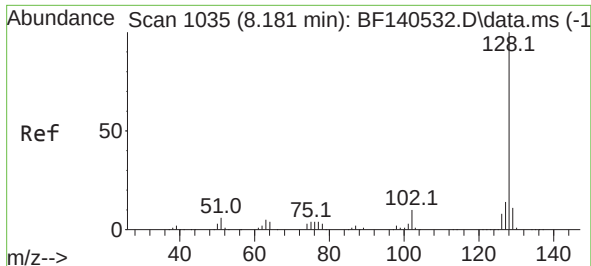
Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:180 Resp: 278158
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.4 114.6
 145 32.5 25.9 38.9





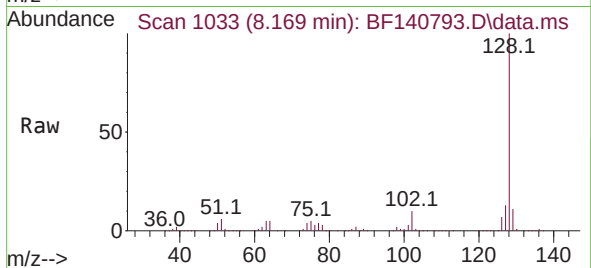
#31
Naphthalene
Concen: 42.379 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



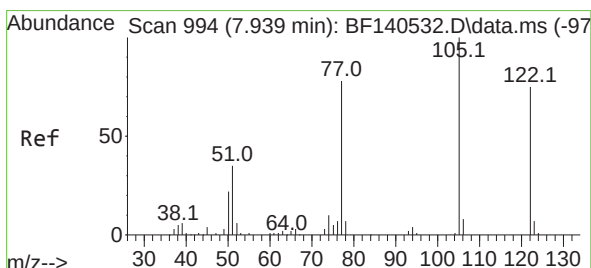
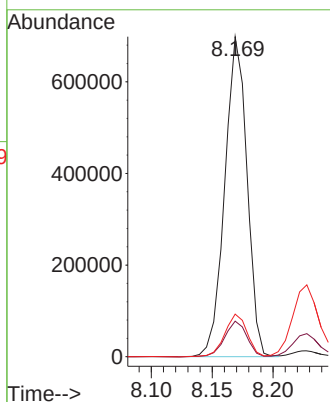
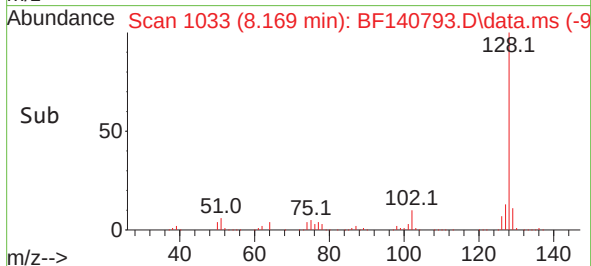
Tgt Ion:128 Resp: 890300
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.8 16.2

Manual Integrations

APPROVED

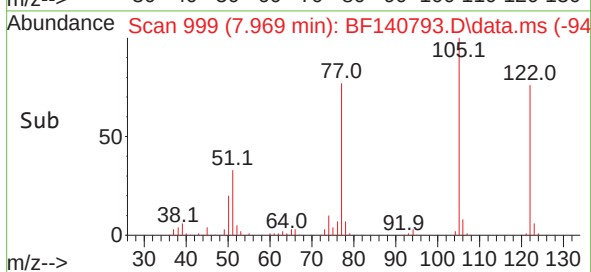
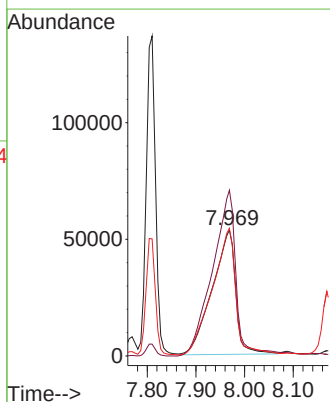
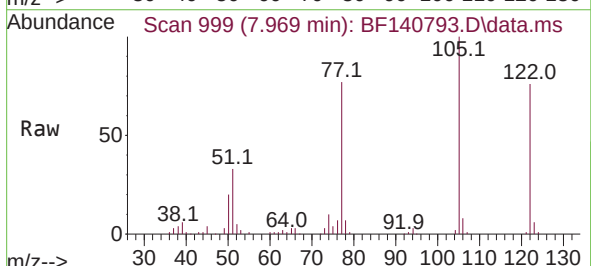
Reviewed By :Yogesh Patel 12/11/2024

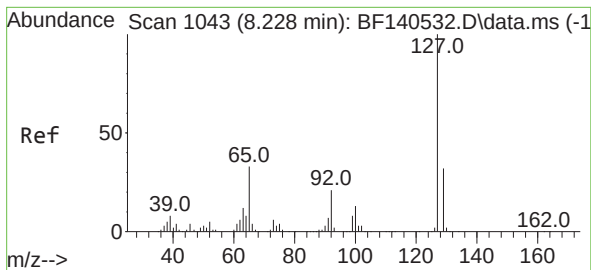
Supervised By :mohammad ahmed 12/12/2024



#32
Benzoic acid
Concen: 47.213 ng
RT: 7.969 min Scan# 999
Delta R.T. 0.030 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:122 Resp: 179000
Ion Ratio Lower Upper
122 100
105 131.7 109.3 149.3
77 101.4 82.3 122.3





#33
4-Chloroaniline
Concen: 41.114 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

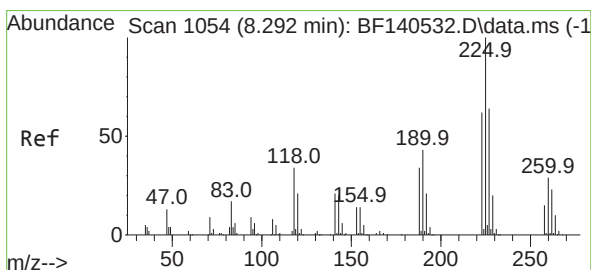
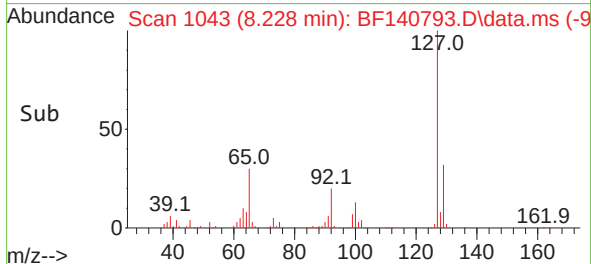
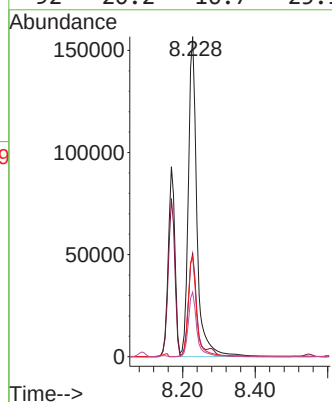
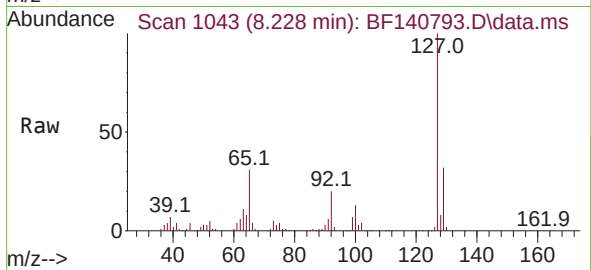
SSTDCCC040EC

Tgt Ion:127 Resp: 258600
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 31.2 26.0 39.0
92 20.2 16.7 25.1

Manual Integrations

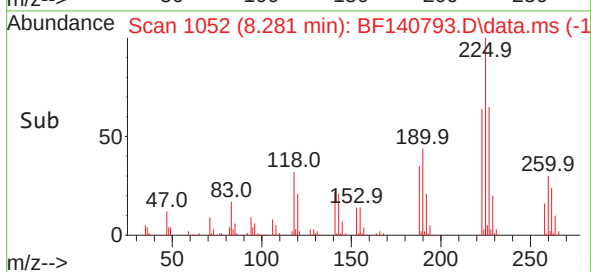
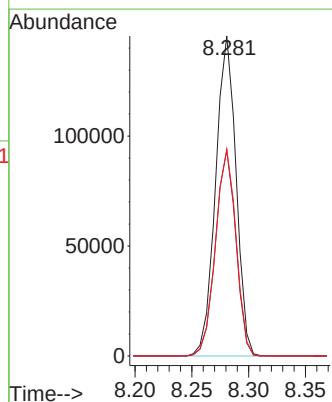
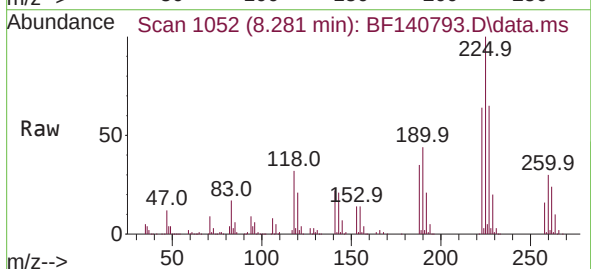
APPROVED

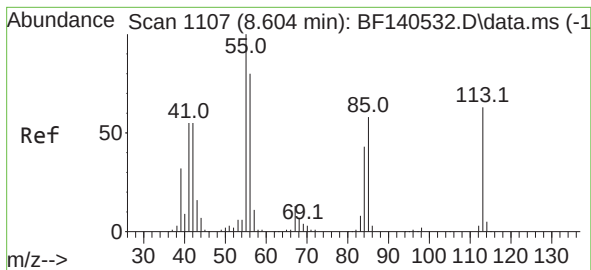
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 41.597 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

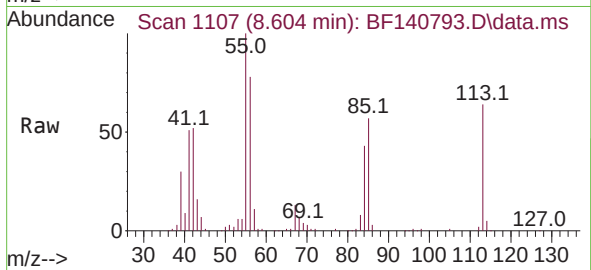
Tgt Ion:225 Resp: 182142
Ion Ratio Lower Upper
225 100
223 64.2 49.8 74.8
227 64.6 51.3 76.9





#35
 Caprolactam
 Concen: 43.587 ng m
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

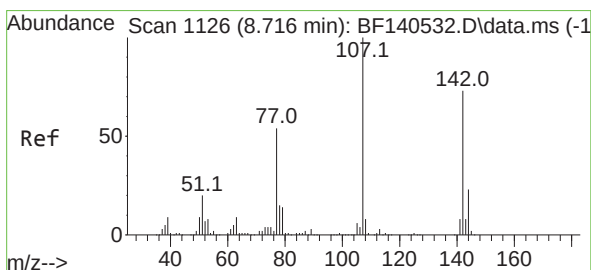
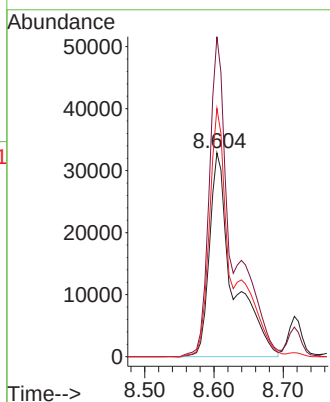
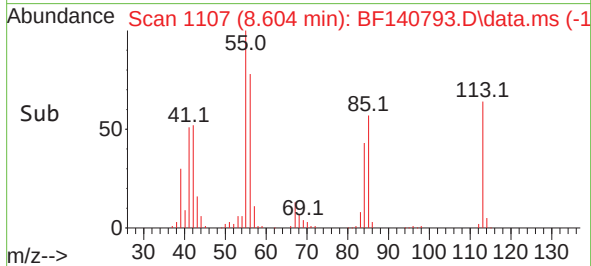
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:113 Resp: 7810
 Ion Ratio Lower Upper
 113 100
 55 156.9 137.7 177.7
 56 121.8 106.4 146.4

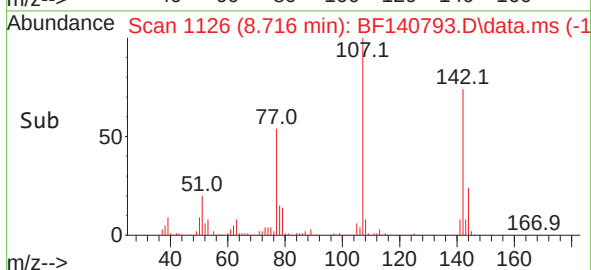
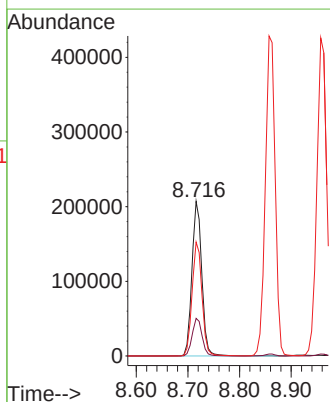
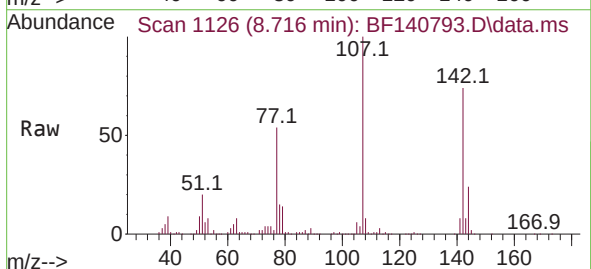
Manual Integrations
 APPROVED

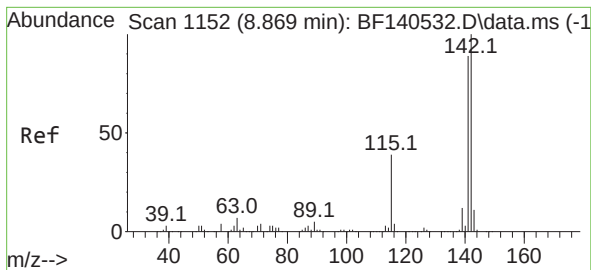
Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024



#36
 4-Chloro-3-methylphenol
 Concen: 42.344 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

Tgt Ion:107 Resp: 274503
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.7 28.1
 142 73.7 58.3 87.5





#37
2-Methylnaphthalene
Concen: 42.381 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

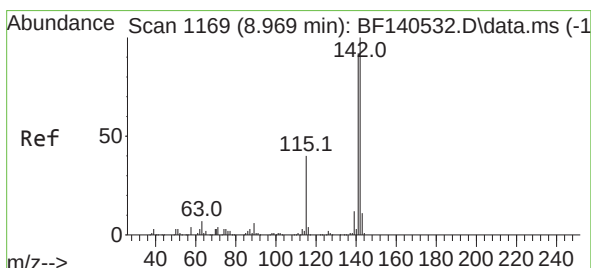
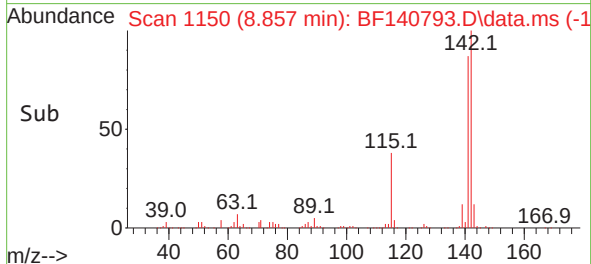
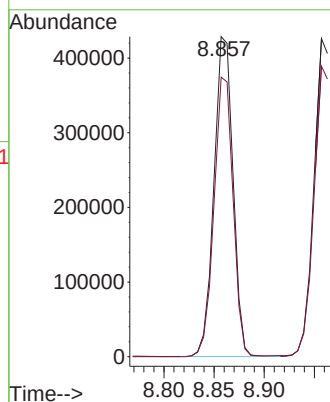
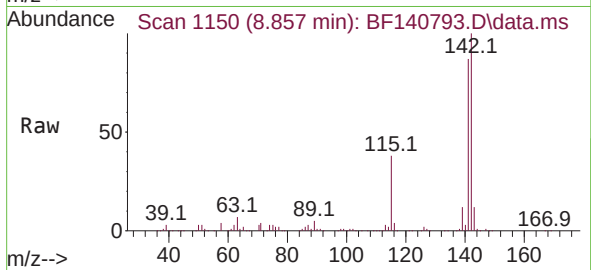
SSTDCCC040EC

Tgt Ion:142 Resp: 565502
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6

Manual Integrations

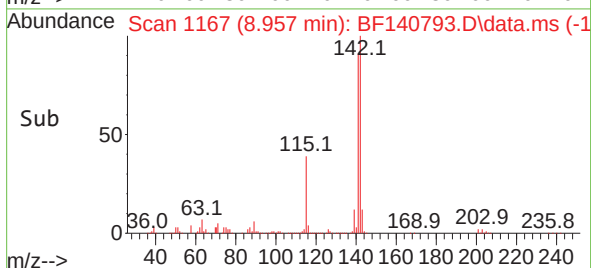
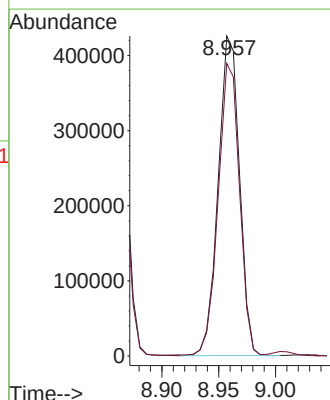
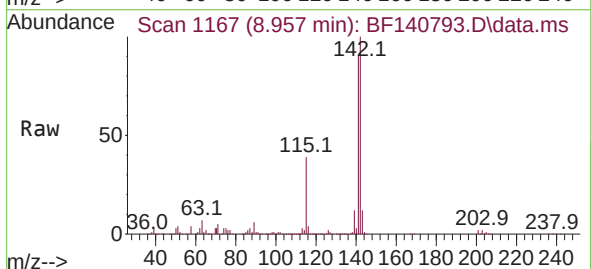
APPROVED

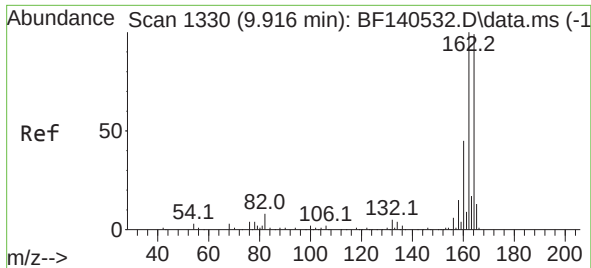
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#38
1-Methylnaphthalene
Concen: 42.427 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:142 Resp: 554906
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9





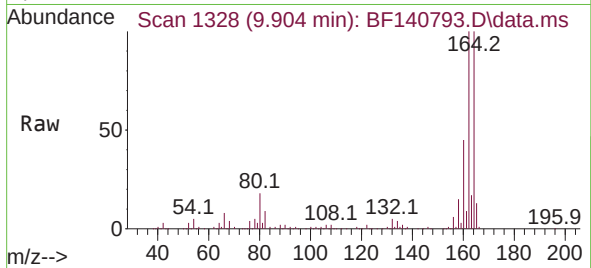
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



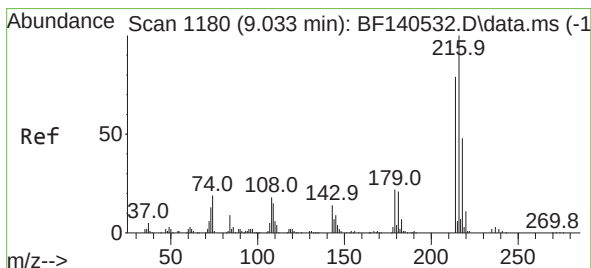
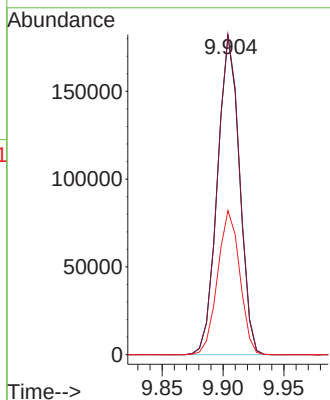
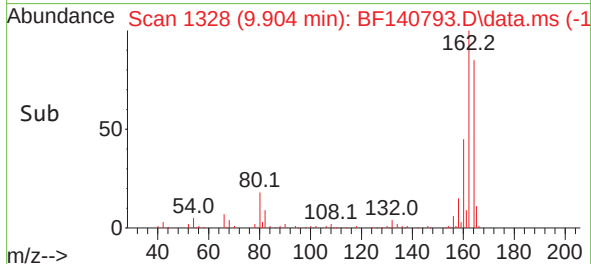
Tgt Ion:164 Resp: 22884
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.2 36.2 54.4

Manual Integrations

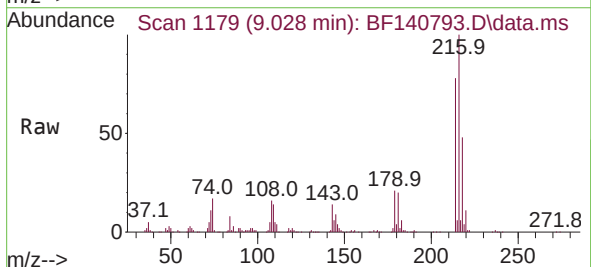
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

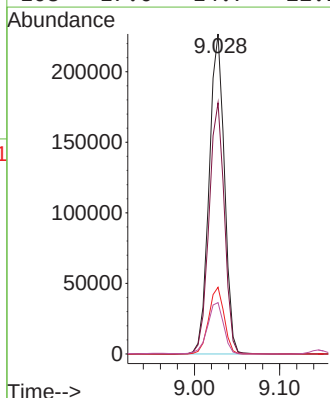
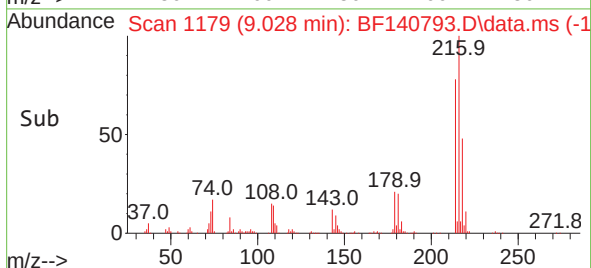
Supervised By :mohammad ahmed 12/12/2024

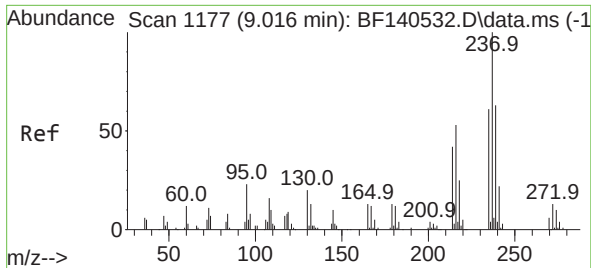


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.259 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:216 Resp: 283106
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.9 17.5 26.3
108 17.0 14.7 22.1





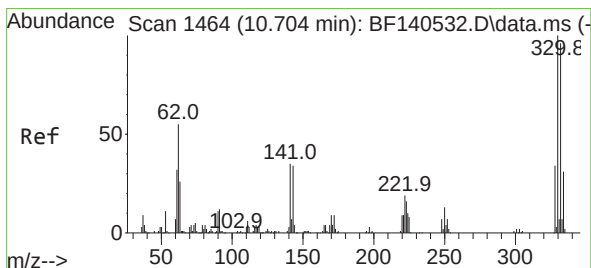
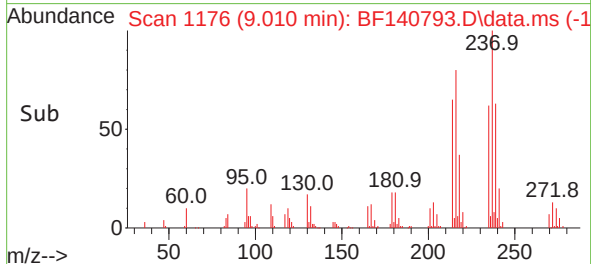
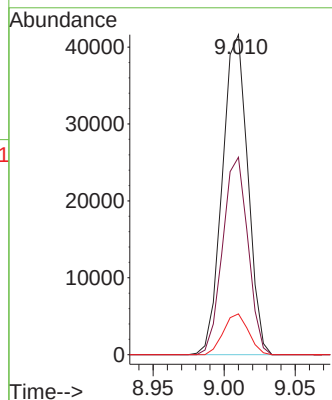
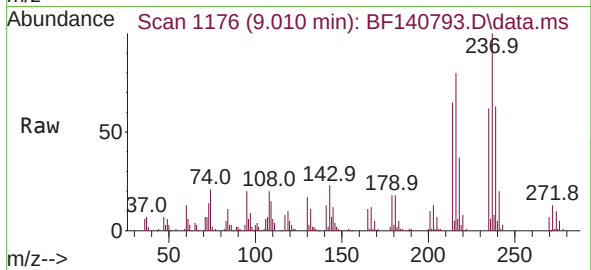
#41
Hexachlorocyclopentadiene
Concen: 38.655 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 5196
Ion Ratio Lower Upper
237 100
235 61.7 41.1 81.1
272 12.8 0.0 32.6

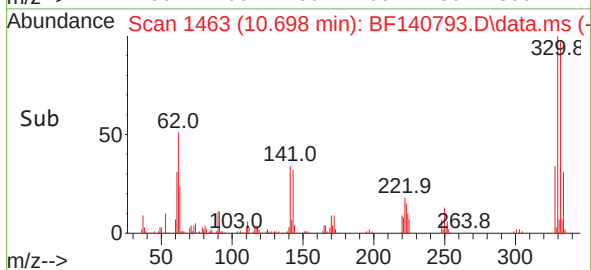
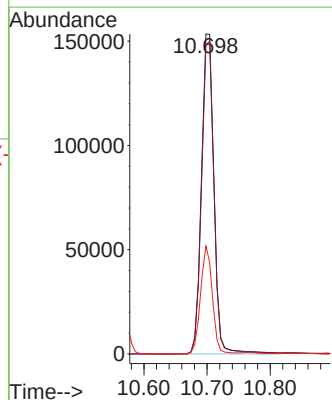
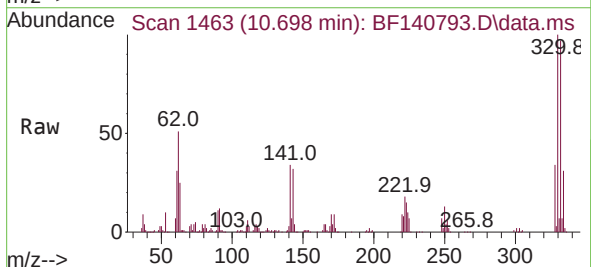
Manual Integrations
APPROVED

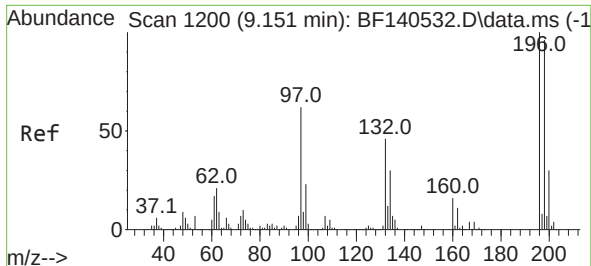
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 86.408 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:330 Resp: 211482
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 31.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 42.701 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

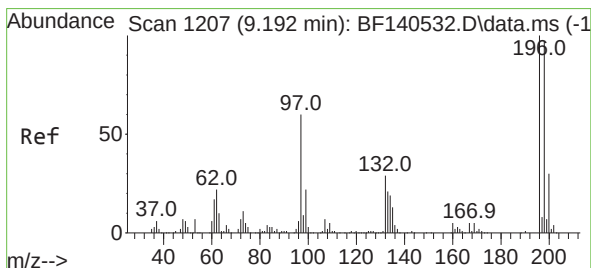
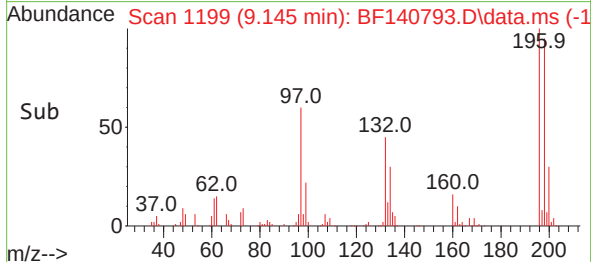
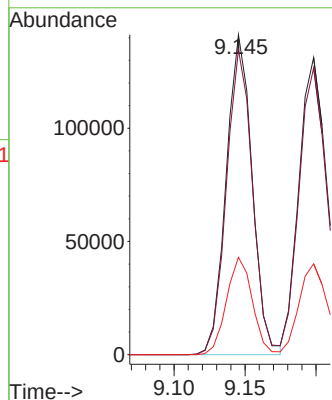
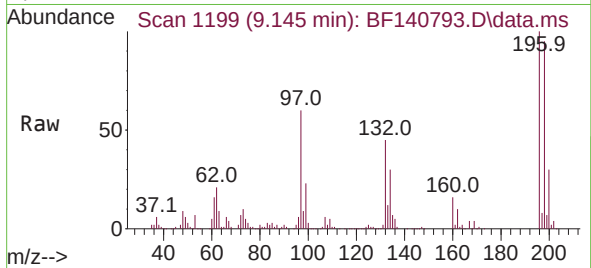
Tgt Ion:196 Resp: 179504
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.8 115.2
 200 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#44

2,4,5-Trichlorophenol

Concen: 41.868 ng

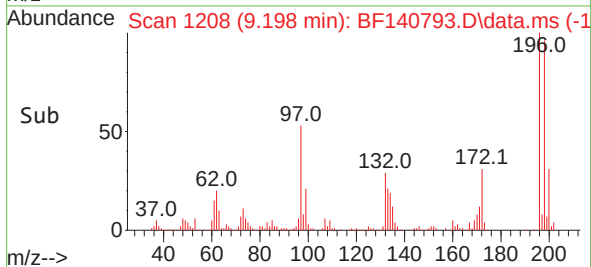
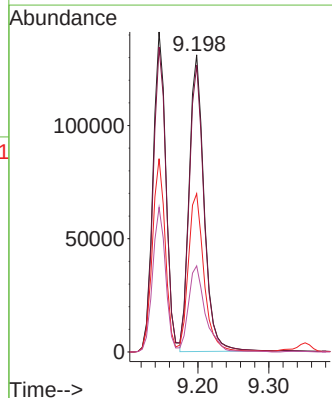
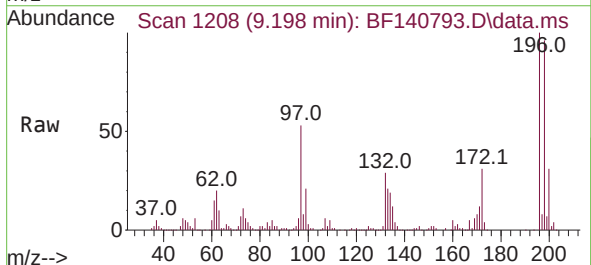
RT: 9.198 min Scan# 1208

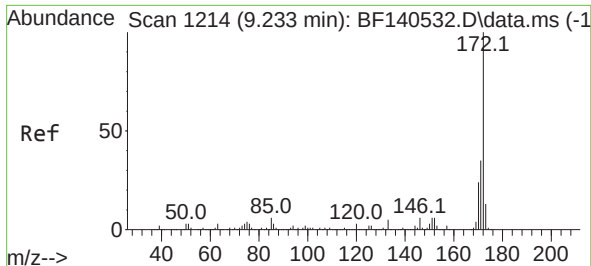
Delta R.T. 0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

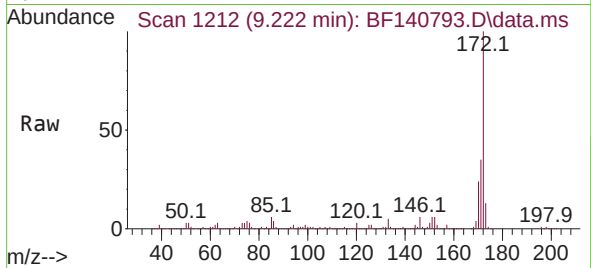
Tgt Ion:196 Resp: 191015
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.2 115.8
 97 53.3 47.1 70.7
 132 29.0 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 82.763 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

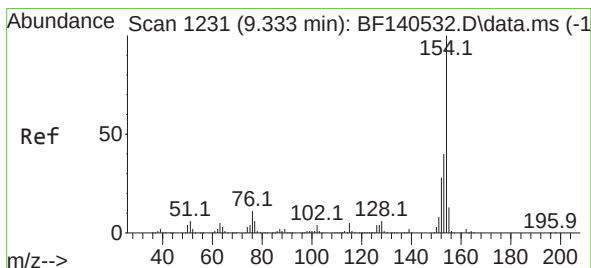
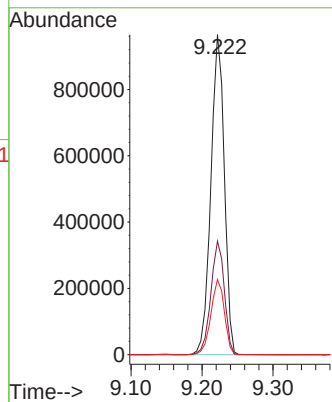
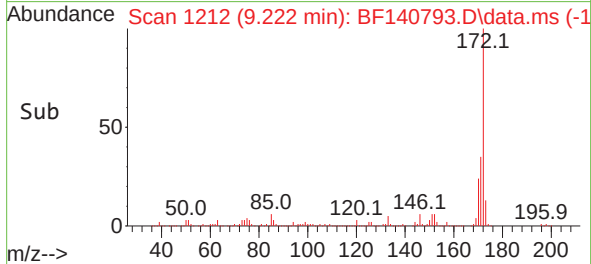
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:172 Resp: 127115
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 19.0 28.6

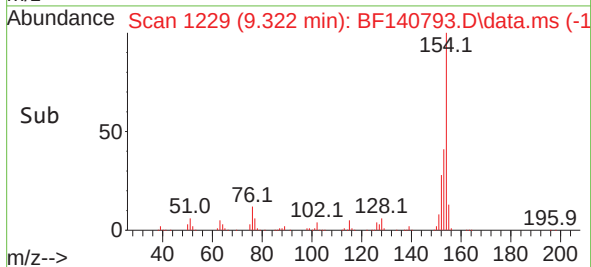
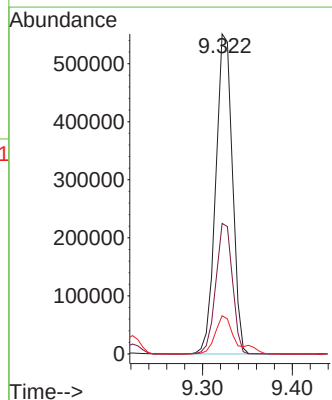
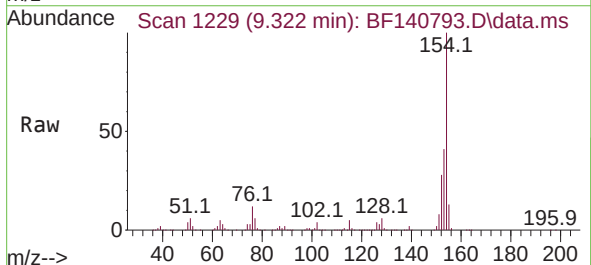
Manual Integrations
APPROVED

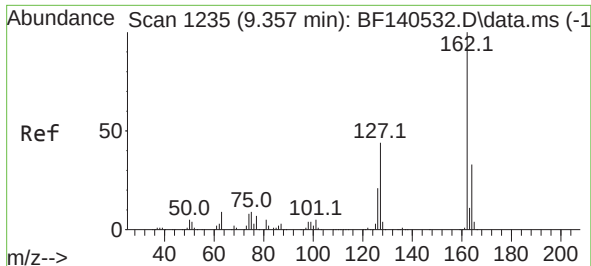
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#46
1,1'-Biphenyl
Concen: 41.689 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:154 Resp: 712274
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.9 0.0 31.2





#47

2-Chloronaphthalene

Concen: 42.363 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

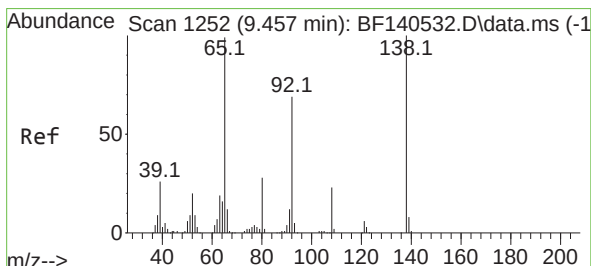
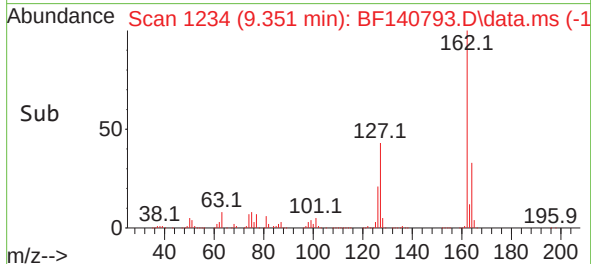
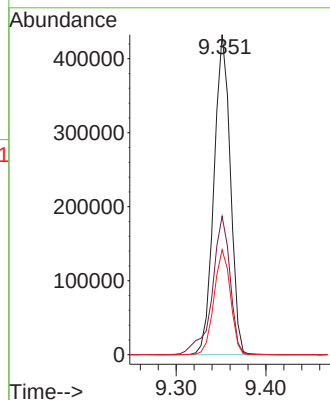
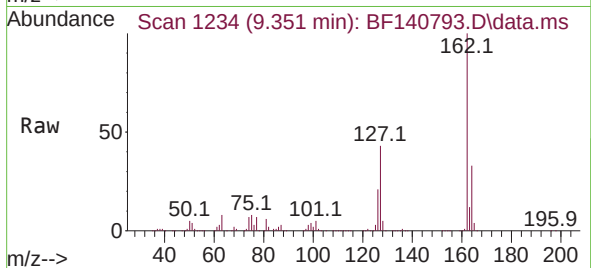
Tgt Ion:162 Resp: 548428
 Ion Ratio Lower Upper
 162 100
 127 43.2 35.7 53.5
 164 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 41.753 ng

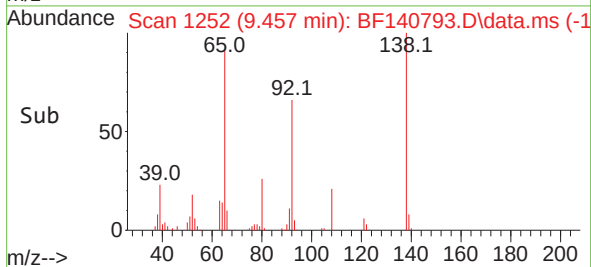
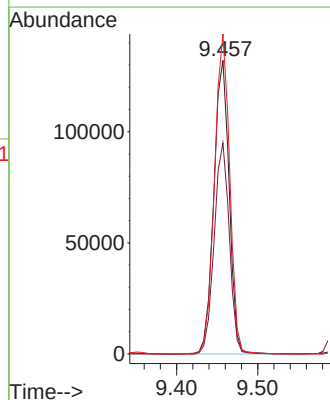
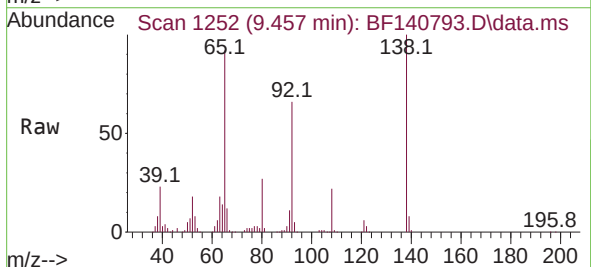
RT: 9.457 min Scan# 1252

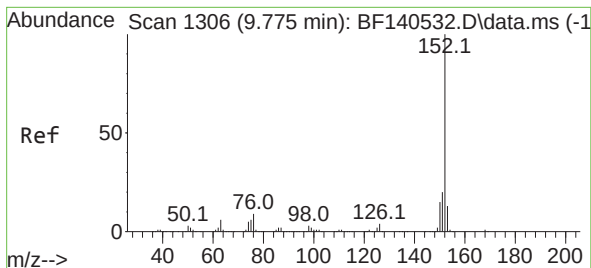
Delta R.T. 0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion: 65 Resp: 173500
 Ion Ratio Lower Upper
 65 100
 92 71.9 56.1 84.1
 138 109.0 81.0 121.6





#49

Acenaphthylene

Concen: 41.049 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

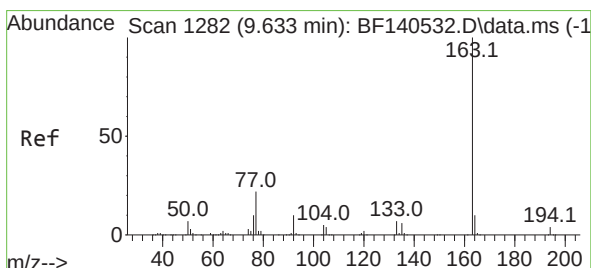
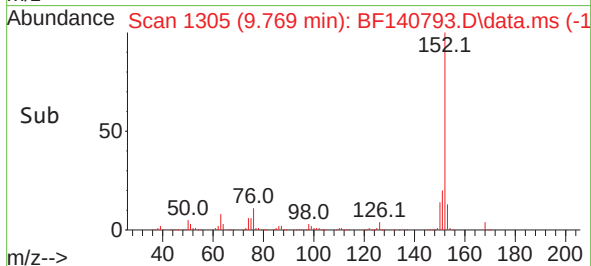
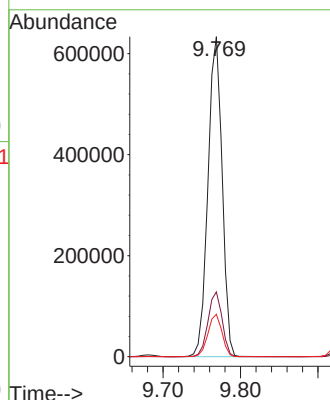
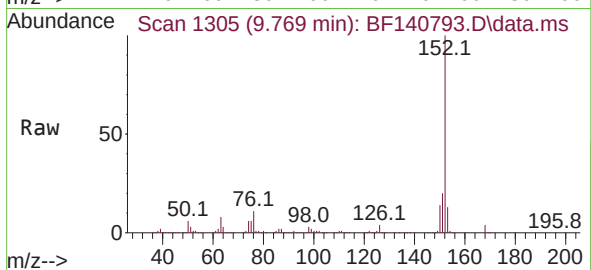
SSTDCCC040EC

Tgt Ion:152 Resp: 802935
 Ion Ratio Lower Upper
 152 100
 151 20.3 15.9 23.9
 153 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024



#50

Dimethylphthalate

Concen: 42.443 ng

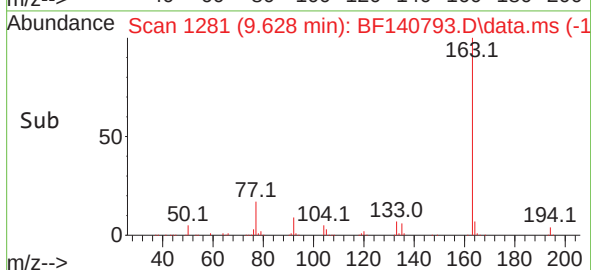
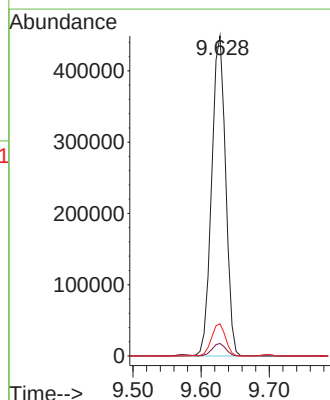
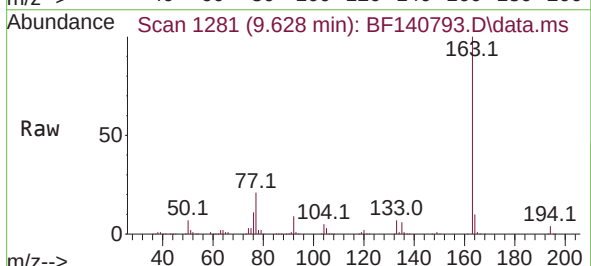
RT: 9.628 min Scan# 1281

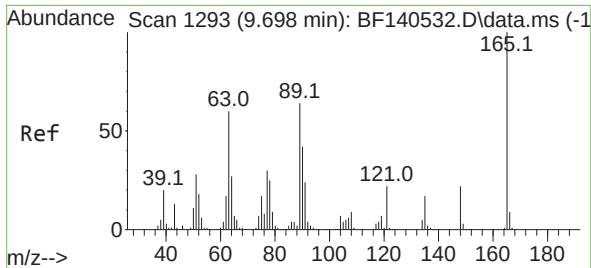
Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:163 Resp: 639675
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.1 4.7
 164 10.0 8.2 12.2





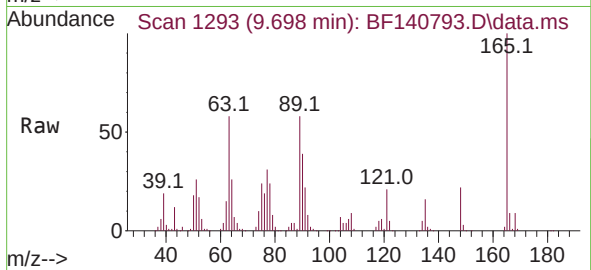
#51
2,6-Dinitrotoluene
Concen: 42.558 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



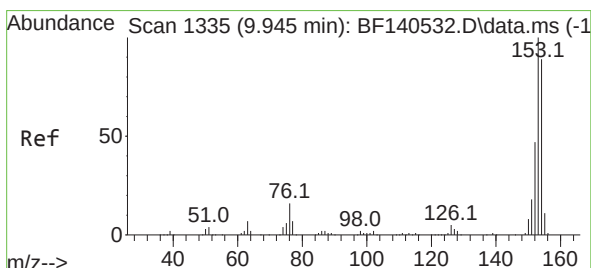
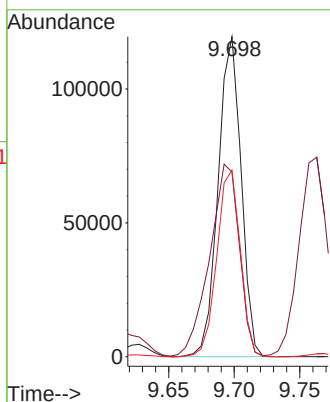
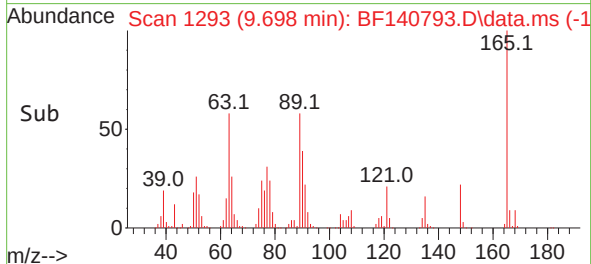
Tgt Ion:165 Resp: 145468
Ion Ratio Lower Upper
165 100
63 57.7 49.9 74.9
89 58.3 50.9 76.3

Manual Integrations

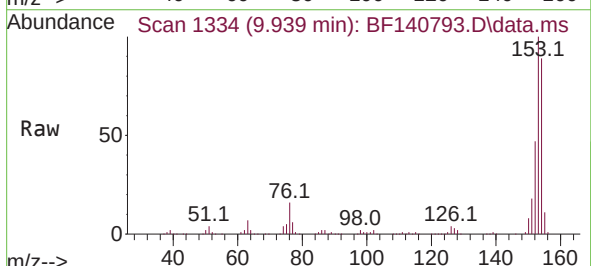
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

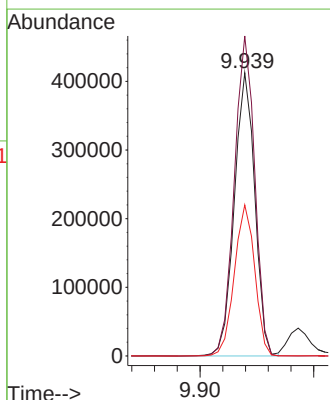
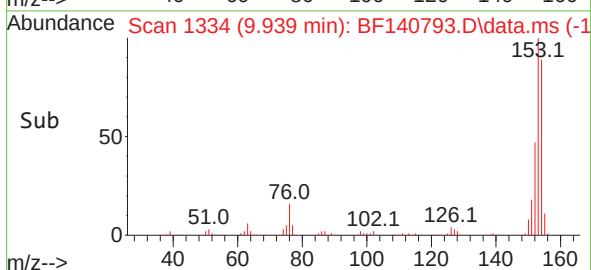
Supervised By :mohammad ahmed 12/12/2024

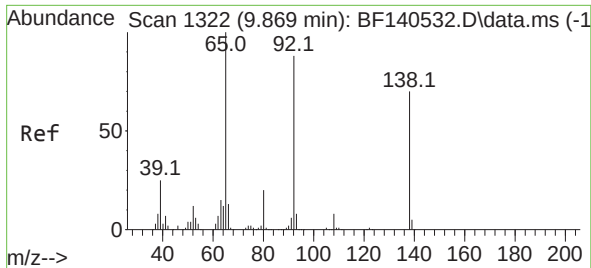


#52
Acenaphthene
Concen: 41.593 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



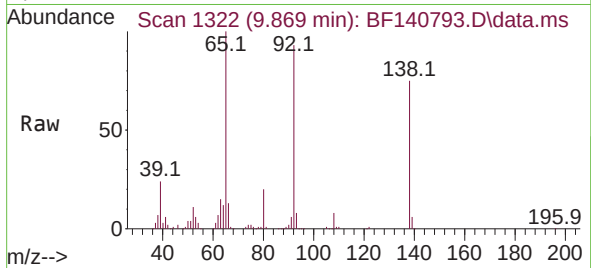
Tgt Ion:154 Resp: 516945
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 53.3 42.5 63.7





#53
3-Nitroaniline
Concen: 43.347 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

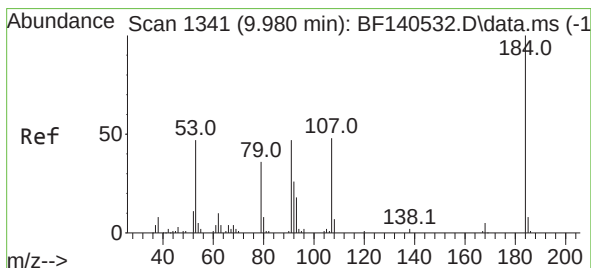
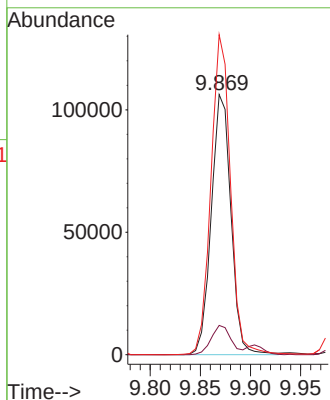
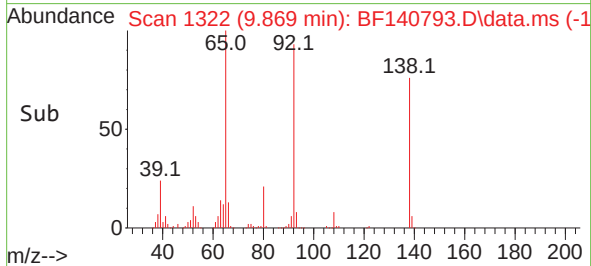
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



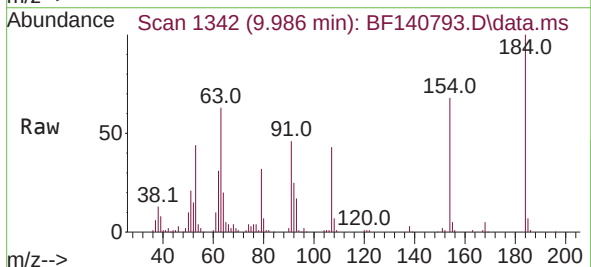
Tgt Ion:138 Resp: 144912
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 123.0 100.6 150.8

Manual Integrations
APPROVED

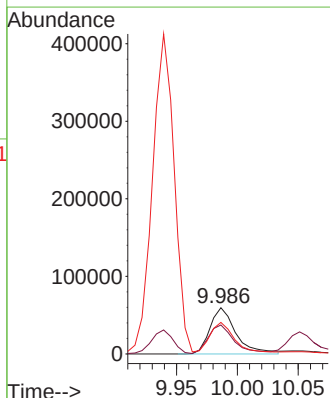
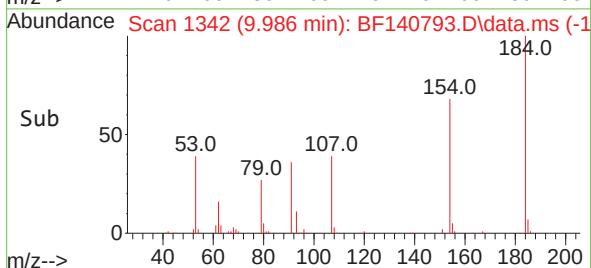
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

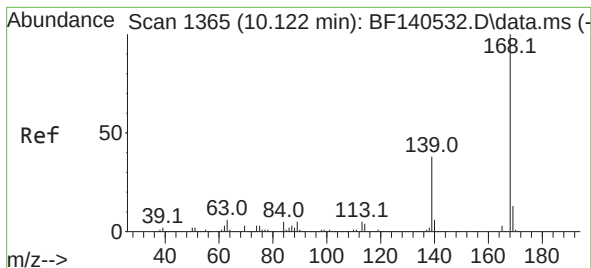


#54
2,4-Dinitrophenol
Concen: 53.002 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:184 Resp: 88646
Ion Ratio Lower Upper
184 100
63 62.8 54.1 81.1
154 68.3 57.4 86.0





#55

Dibenzenofuran

Concen: 41.305 ng

RT: 10.110 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:168 Resp: 783038

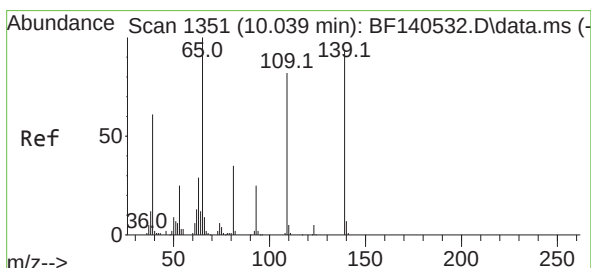
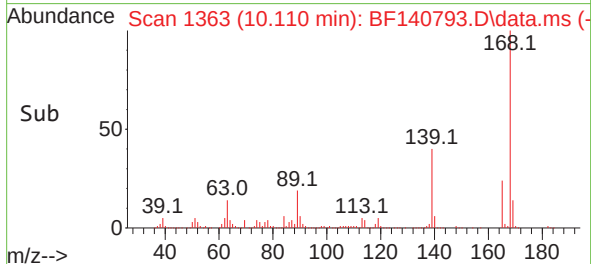
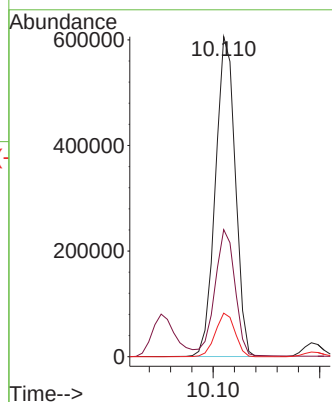
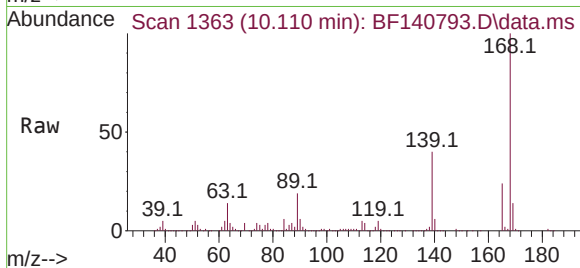
Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.3	46.9
169	13.6	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#56

4-Nitrophenol

Concen: 54.099 ng

RT: 10.051 min Scan# 1353

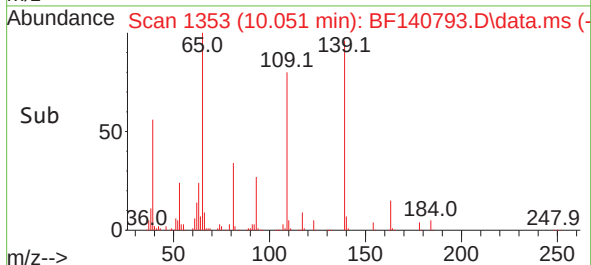
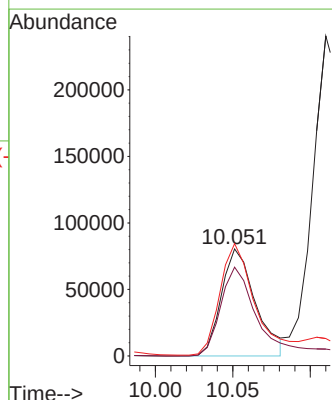
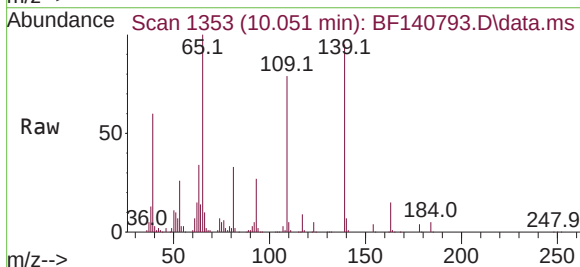
Delta R.T. 0.012 min

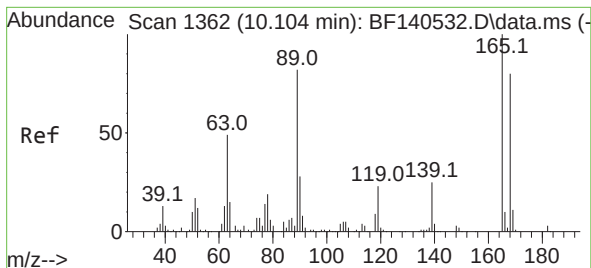
Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:139 Resp: 123343

Ion	Ratio	Lower	Upper
139	100		
109	82.9	68.4	108.4
65	104.9	88.6	128.6





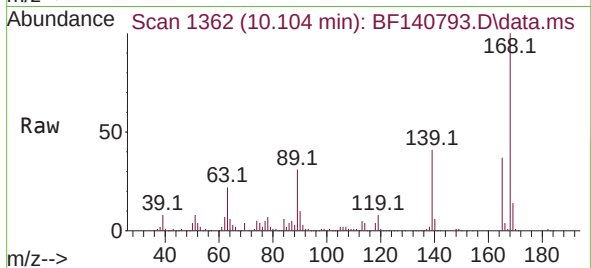
#57
2,4-Dinitrotoluene
Concen: 43.570 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



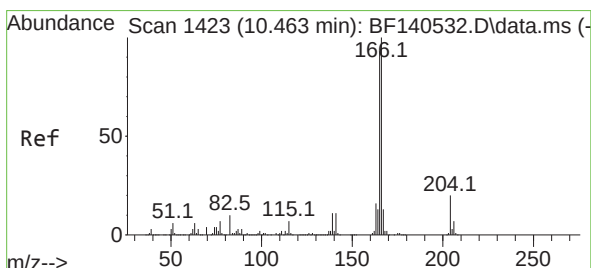
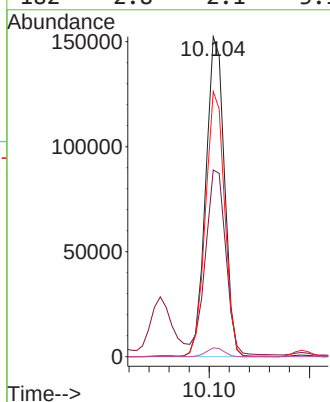
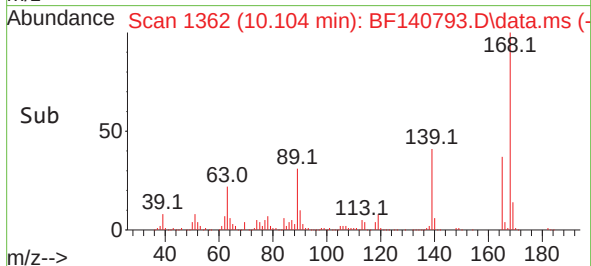
Tgt Ion:165 Resp: 197930
Ion Ratio Lower Upper
165 100
63 58.3 41.7 62.5
89 82.8 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations

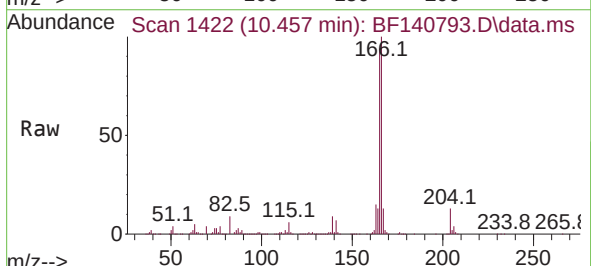
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

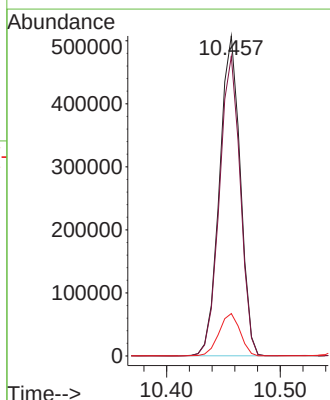
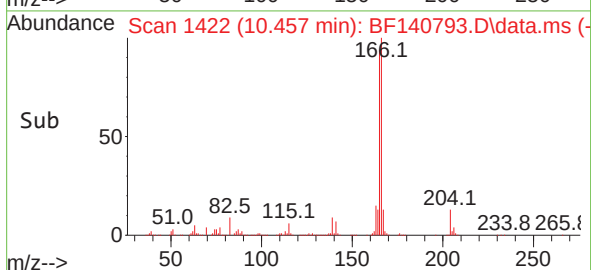
Supervised By :mohammad ahmed 12/12/2024

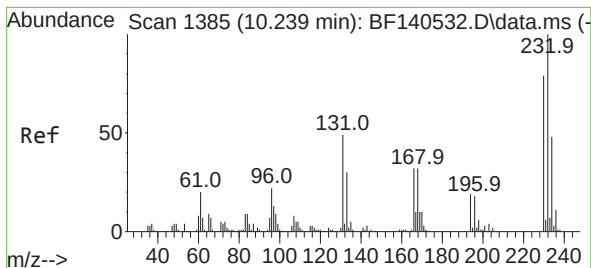


#58
Fluorene
Concen: 42.340 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



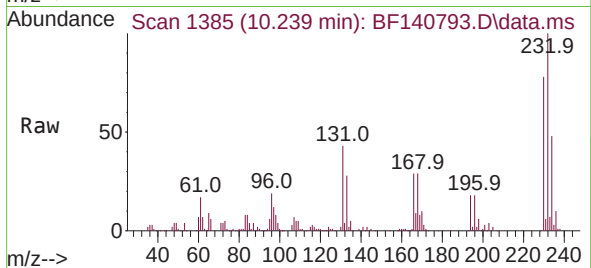
Tgt Ion:166 Resp: 644283
Ion Ratio Lower Upper
166 100
165 93.6 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.479 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

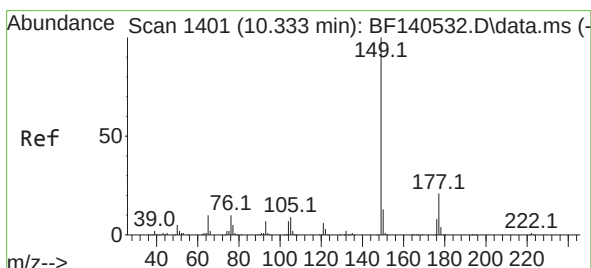
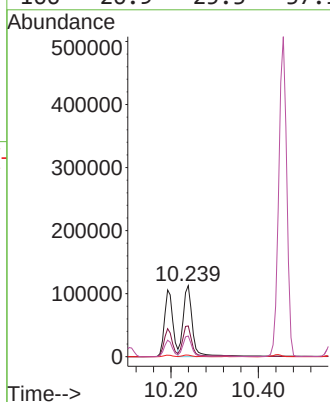
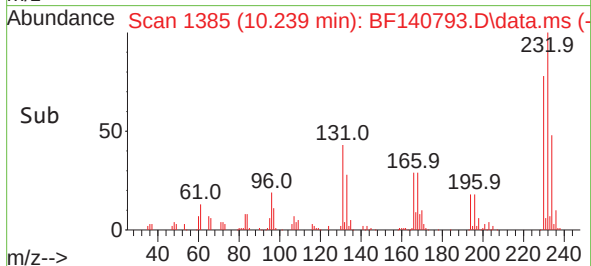
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 162968
Ion Ratio Lower Upper
232 100
131 42.7 39.6 59.4
130 2.3 1.9 2.9
166 26.9 25.3 37.9

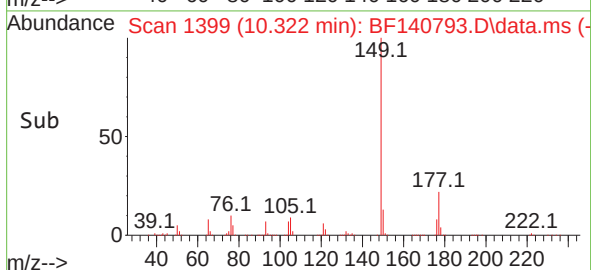
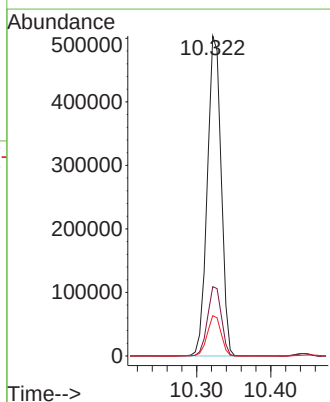
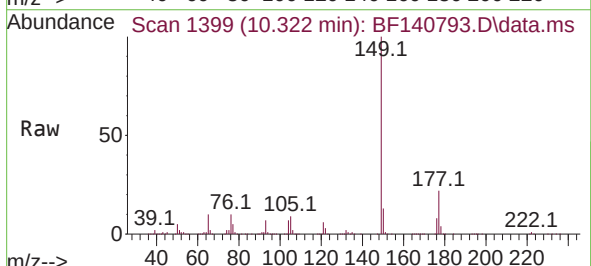
Manual Integrations
APPROVED

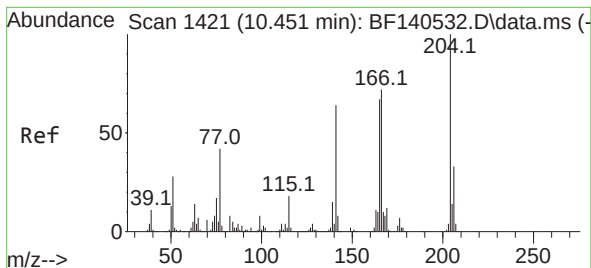
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#60
Diethylphthalate
Concen: 42.578 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

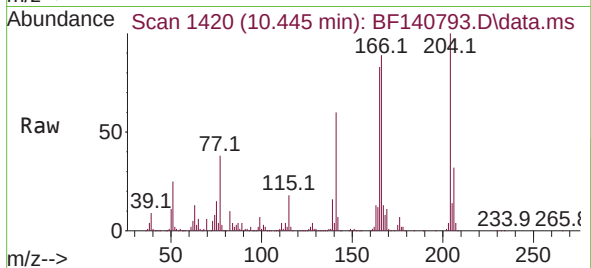
Tgt Ion:149 Resp: 651981
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.176 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

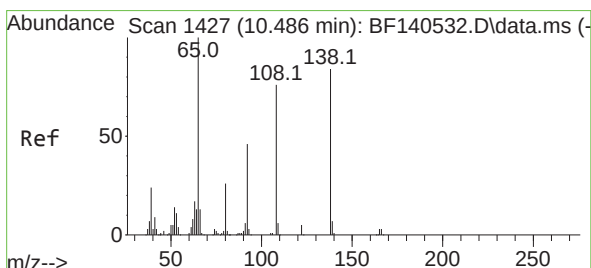
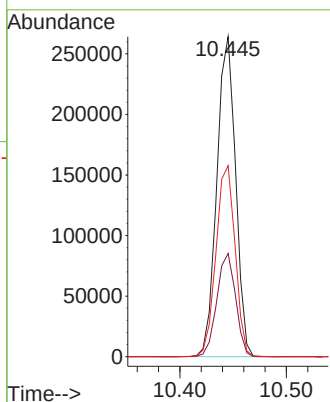
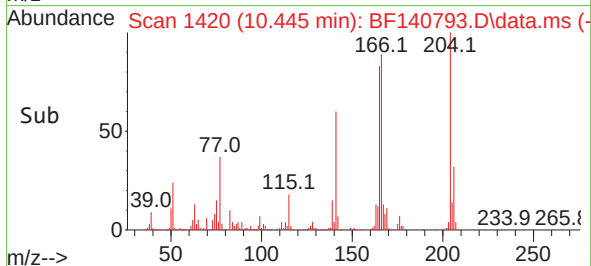
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:204 Resp: 322425
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 59.7 51.1 76.7

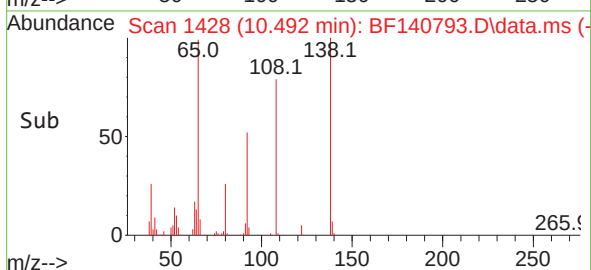
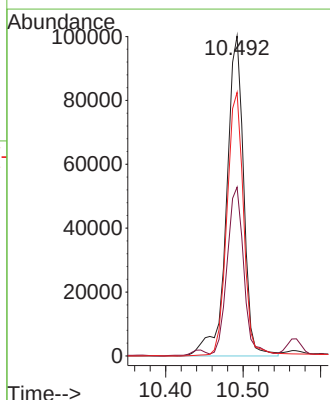
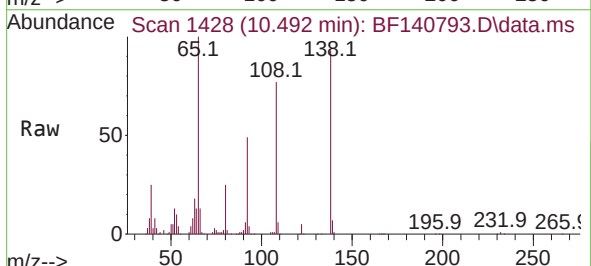
Manual Integrations
APPROVED

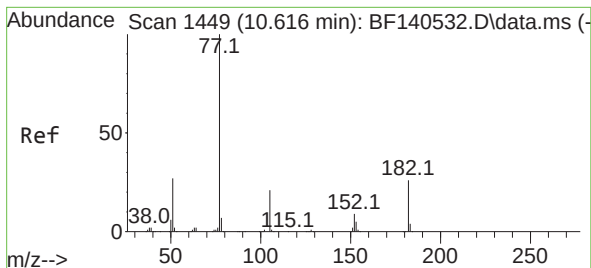
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 43.997 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:138 Resp: 154265
Ion Ratio Lower Upper
138 100
92 52.7 34.5 74.5
108 82.4 70.6 110.6





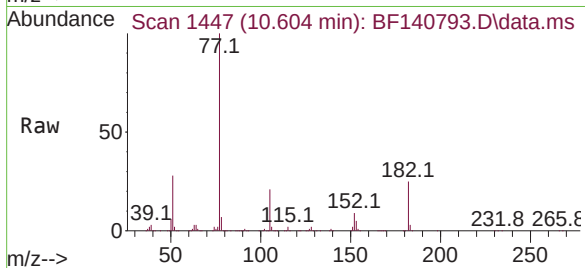
#63
Azobenzene
Concen: 41.754 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



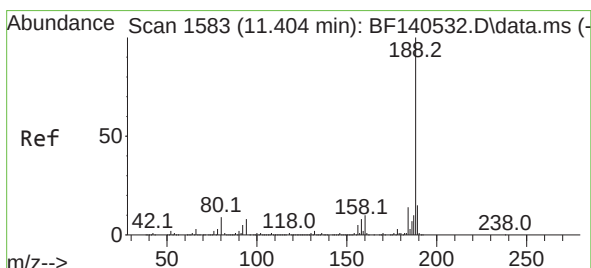
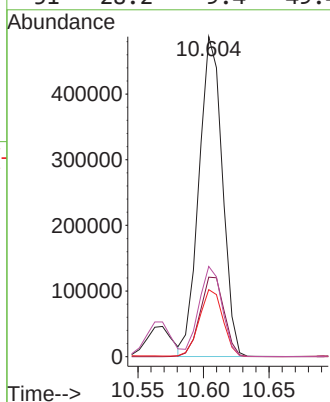
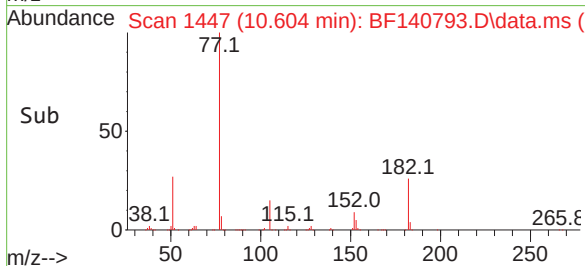
Tgt Ion: 77 Resp: 605475
Ion Ratio Lower Upper
77 100
182 24.8 5.3 45.3
105 20.9 0.3 40.3
51 28.2 9.4 49.4

Manual Integrations

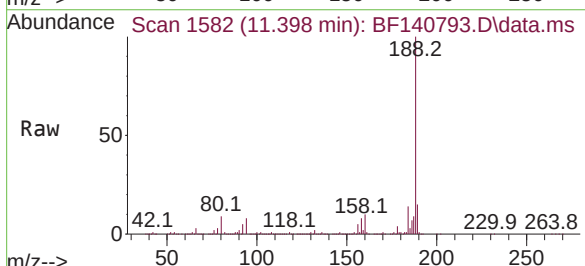
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

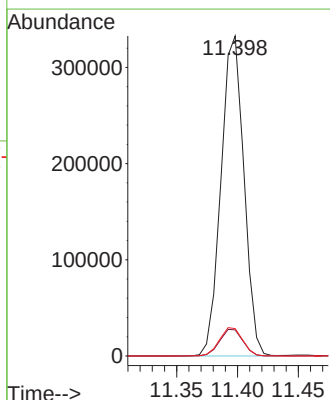
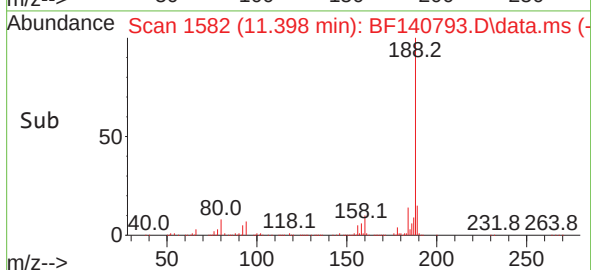
Supervised By :mohammad ahmed 12/12/2024

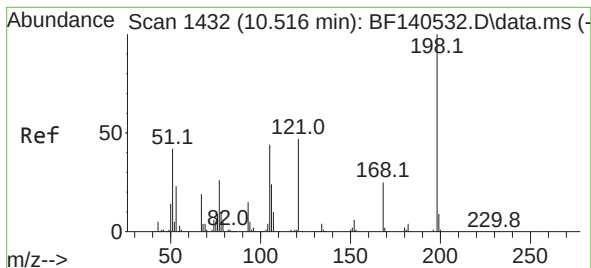


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:188 Resp: 436884
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.6 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 49.160 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

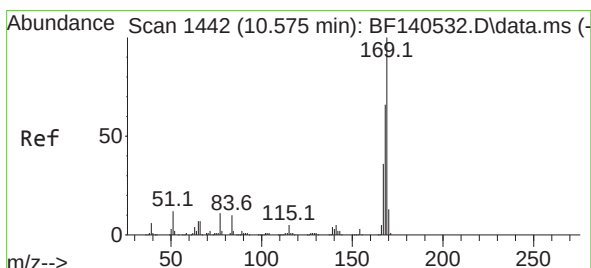
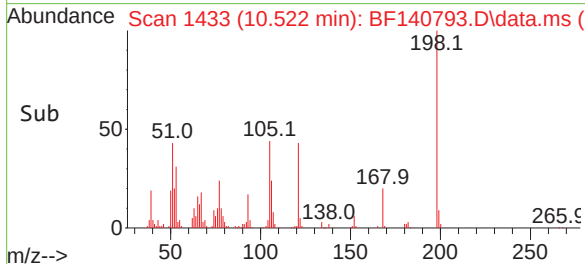
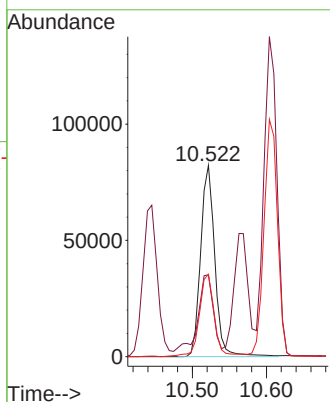
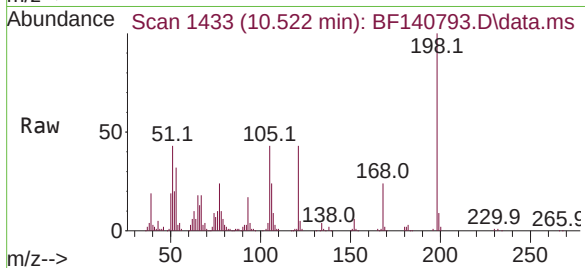
SSTDCCC040EC

Tgt Ion:198 Resp: 109749
Ion Ratio Lower Upper
198 100
51 42.8 29.4 69.4
105 43.1 25.4 65.4

Manual Integrations

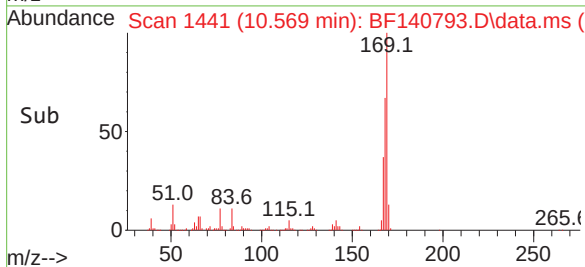
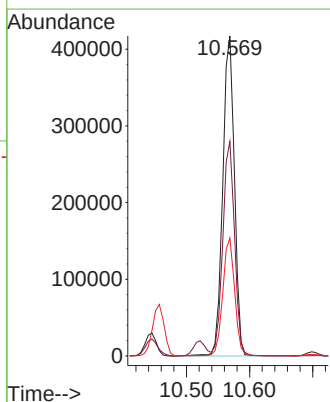
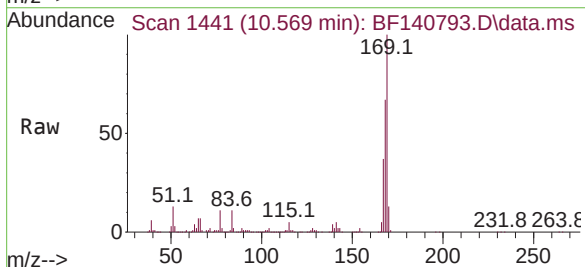
APPROVED

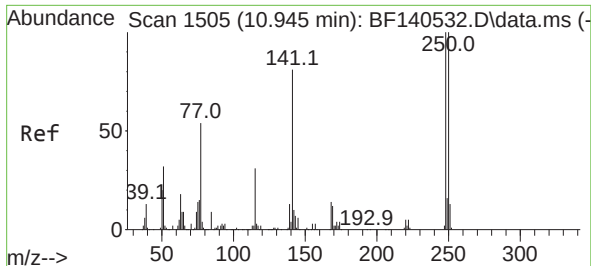
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 41.343 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:169 Resp: 534148
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.9 29.0 43.6





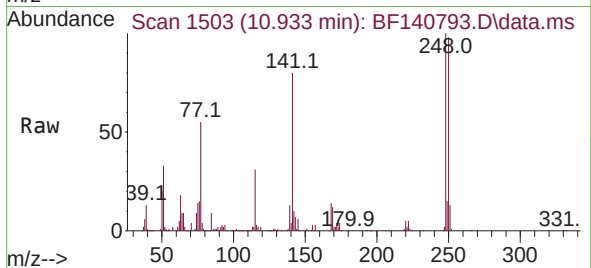
#67
4-Bromophenyl-phenylether
Concen: 42.498 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

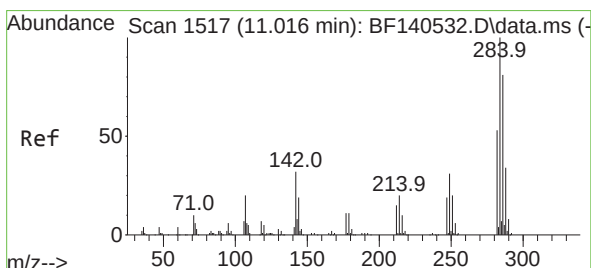
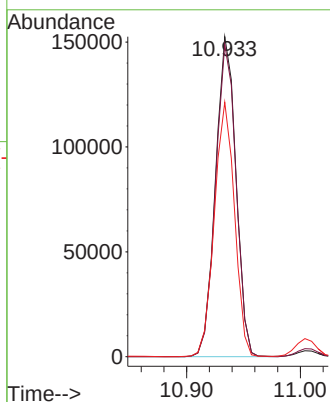
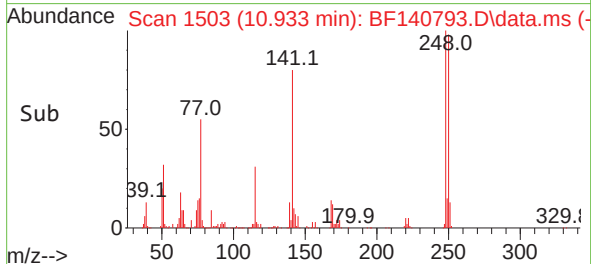


Tgt Ion:248 Resp: 191210
Ion Ratio Lower Upper
248 100
250 97.6 79.8 119.8
141 79.5 64.7 97.1

Manual Integrations

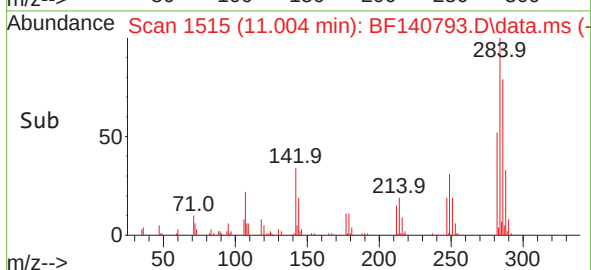
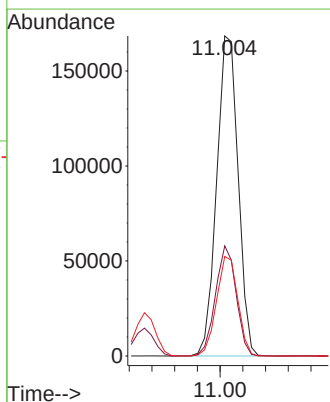
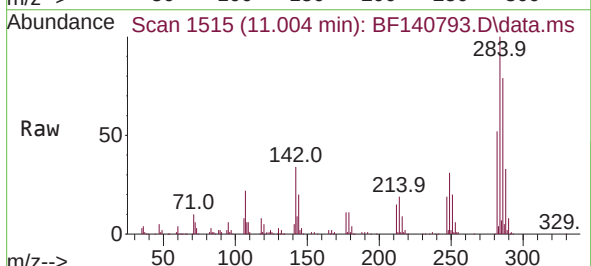
APPROVED

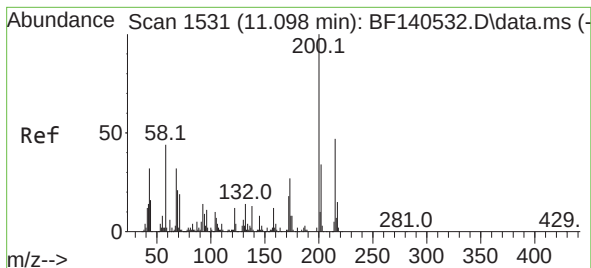
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 42.445 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:284 Resp: 221124
Ion Ratio Lower Upper
284 100
142 34.4 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 34.295 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140793.D

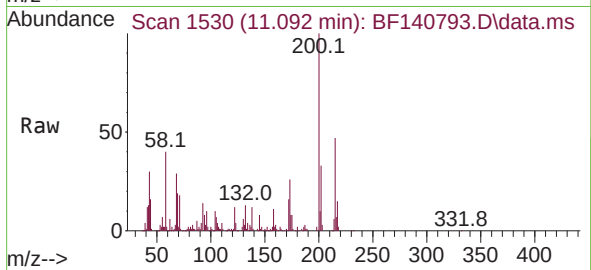
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:200 Resp: 124649

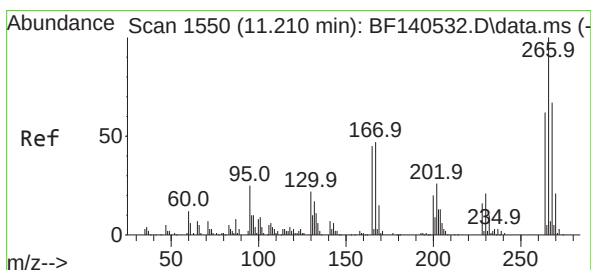
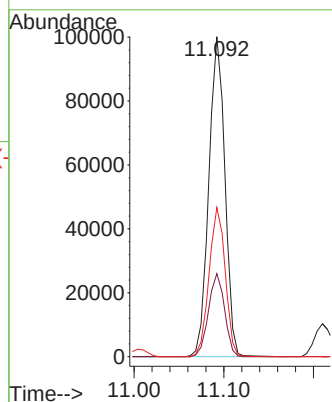
Ion	Ratio	Lower	Upper
200	100		
173	26.0	7.0	47.0
215	46.6	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 37.985 ng

RT: 11.210 min Scan# 1550

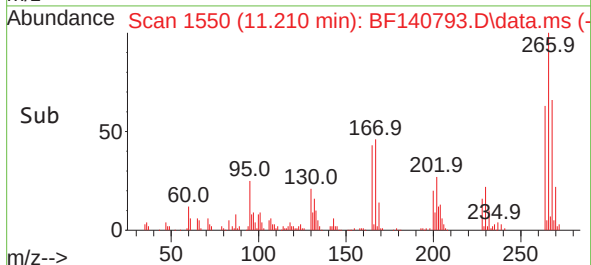
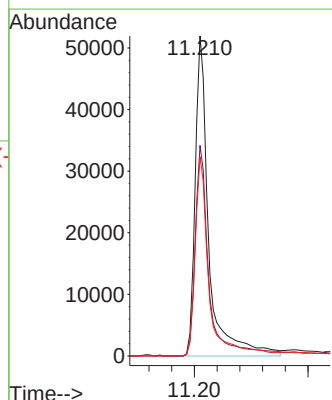
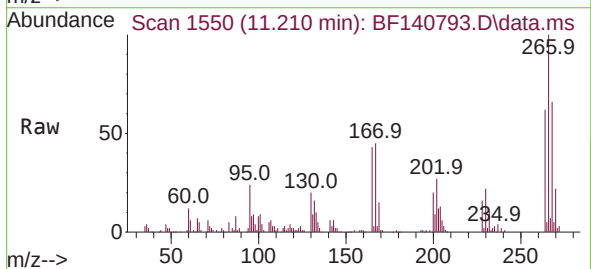
Delta R.T. -0.000 min

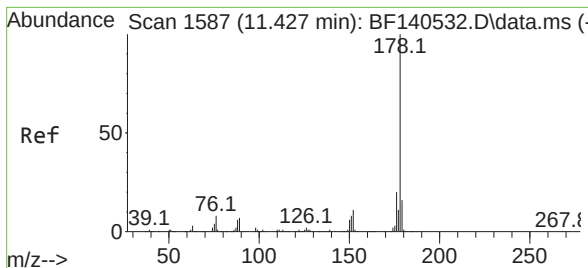
Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:266 Resp: 87095

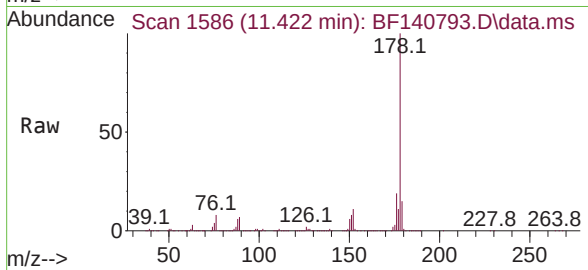
Ion	Ratio	Lower	Upper
266	100		
268	65.8	53.7	80.5
264	62.3	49.8	74.8





#71
Phenanthrene
Concen: 41.475 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

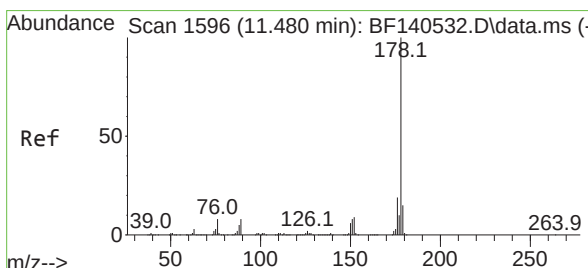
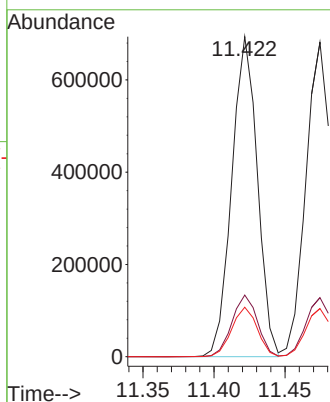
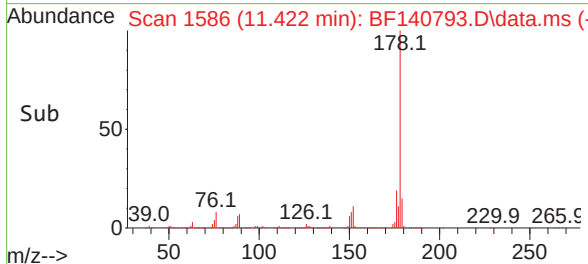
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:178 Resp: 871000
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.5 12.4 18.6

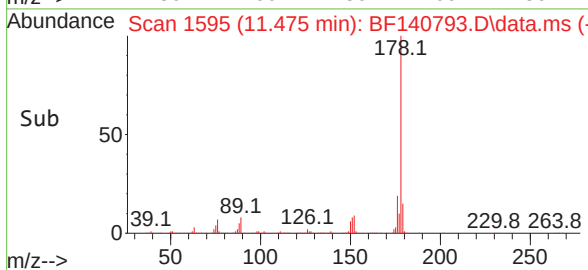
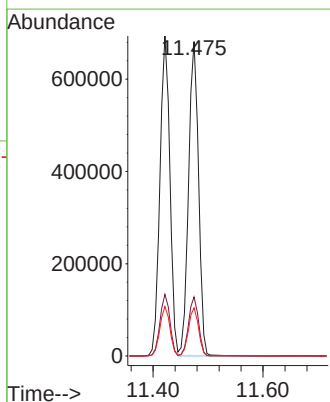
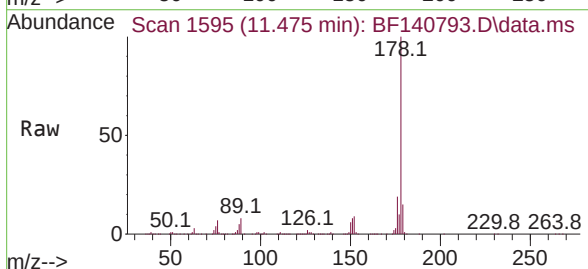
Manual Integrations
APPROVED

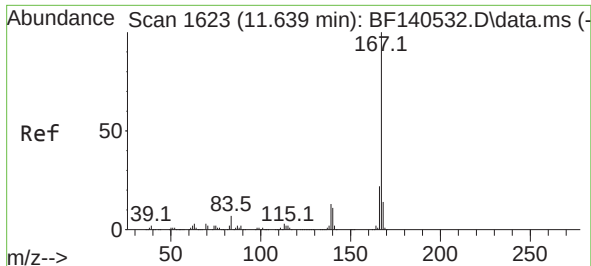
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#72
Anthracene
Concen: 41.788 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

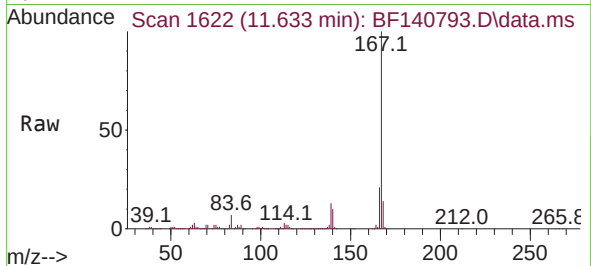
Tgt Ion:178 Resp: 858438
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 41.957 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

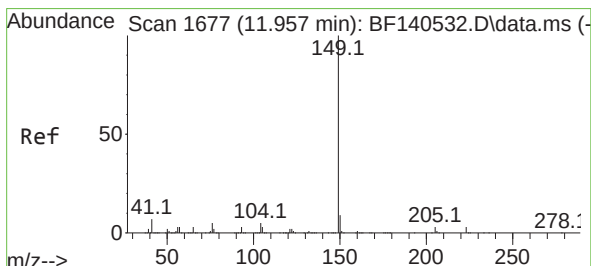
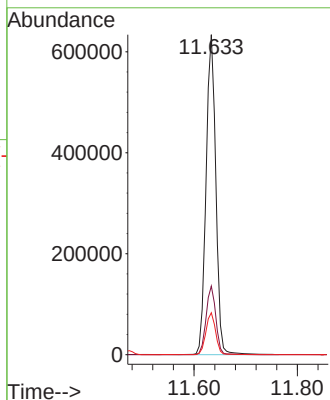
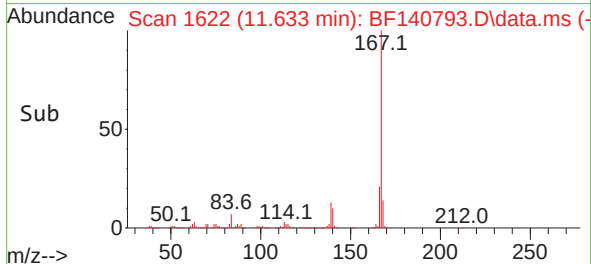
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



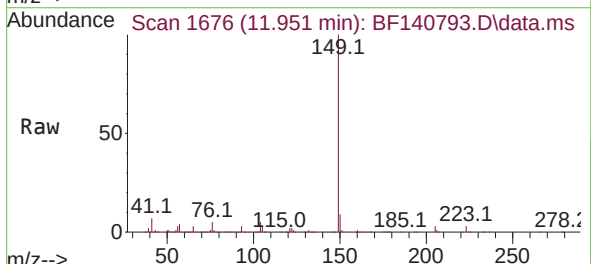
Tgt Ion:167 Resp: 82916
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.6 15.8

Manual Integrations
 APPROVED

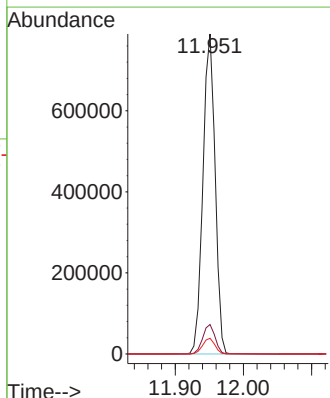
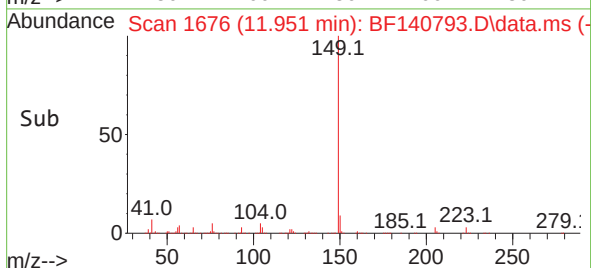
Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

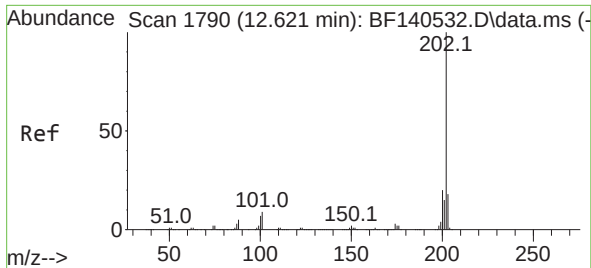


#74
 Di-n-butylphthalate
 Concen: 42.988 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54



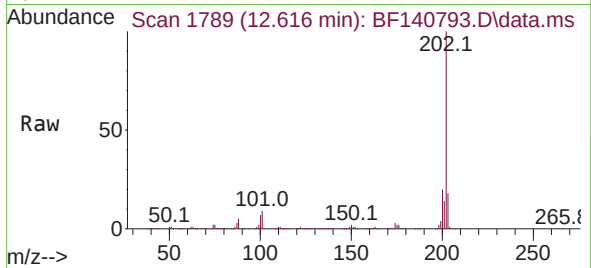
Tgt Ion:149 Resp: 980776
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 42.260 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

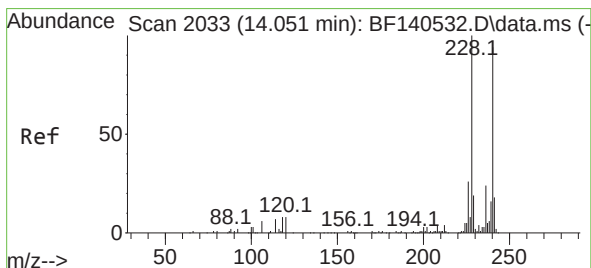
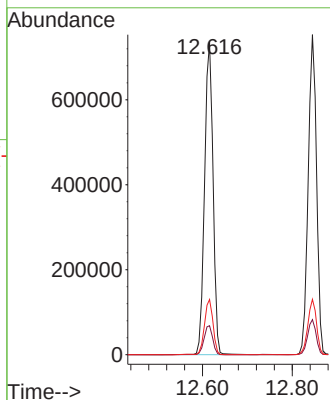
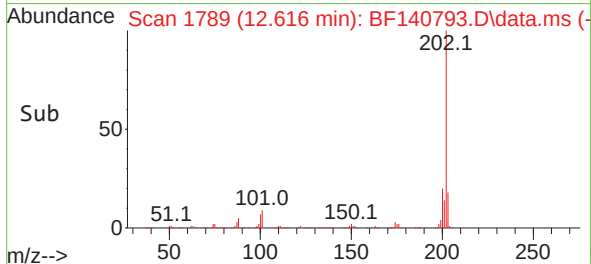
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



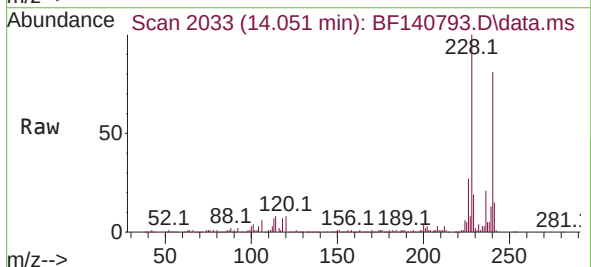
Tgt Ion:202 Resp: 96358
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.7 0.0 37.6

Manual Integrations
APPROVED

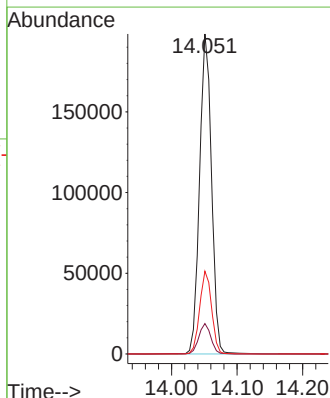
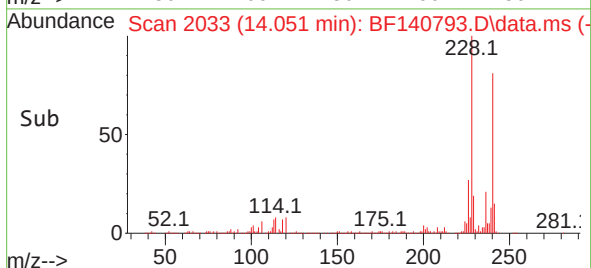
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

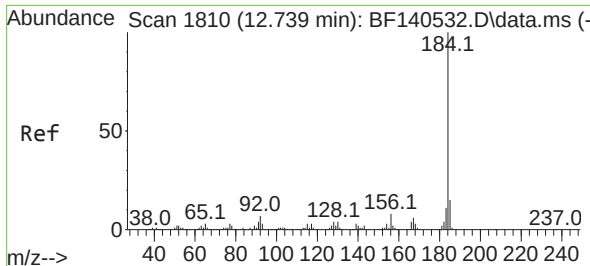


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:240 Resp: 251461
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.9 20.6 31.0





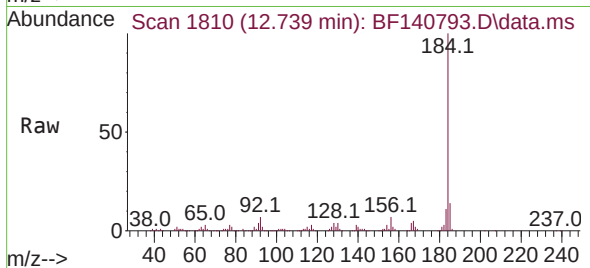
#77
Benzidine
Concen: 30.153 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



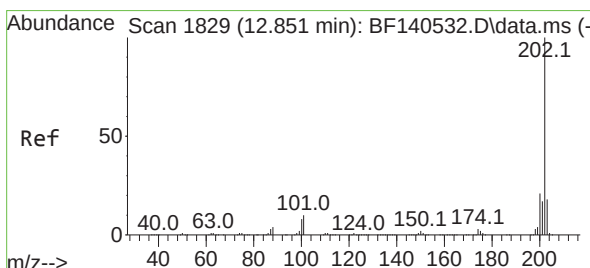
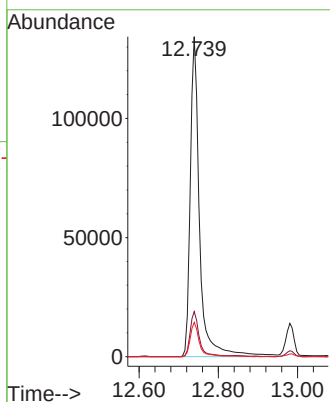
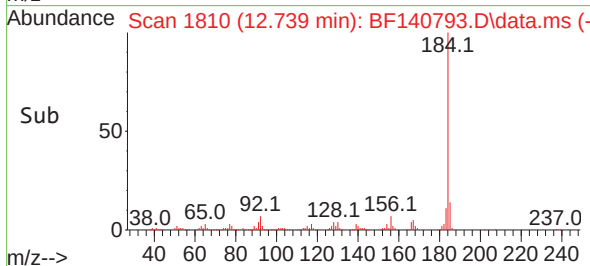
Tgt Ion:184 Resp: 22045
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.7 8.8 13.2

Manual Integrations

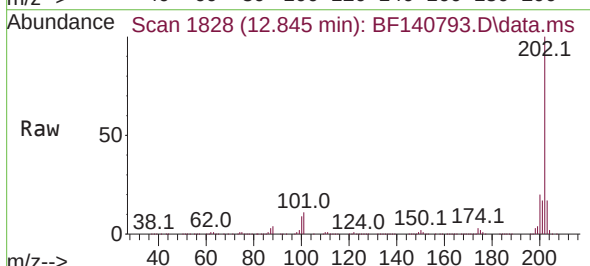
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

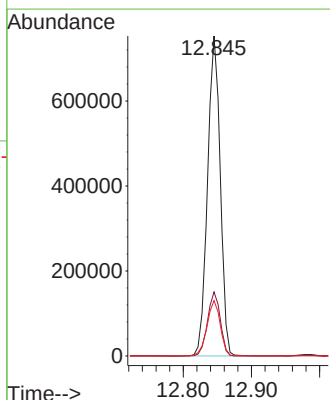
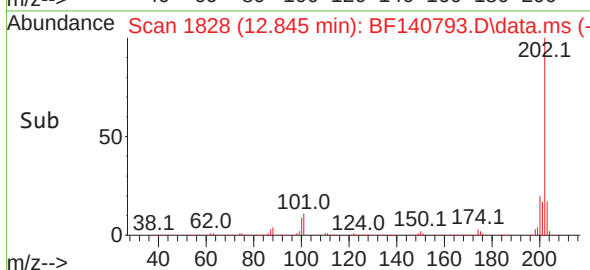
Supervised By :mohammad ahmed 12/12/2024

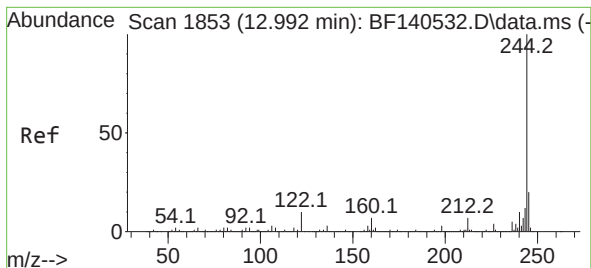


#78
Pyrene
Concen: 41.926 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:202 Resp: 974808
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 83.016 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140793.D

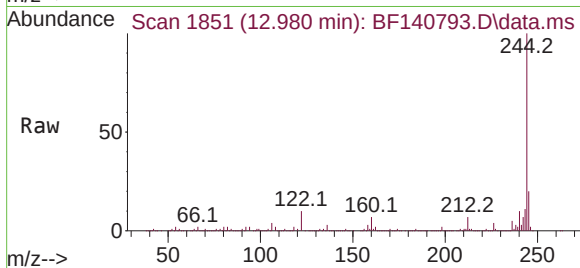
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:244 Resp: 134062

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

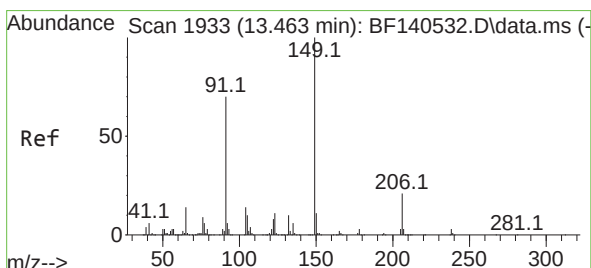
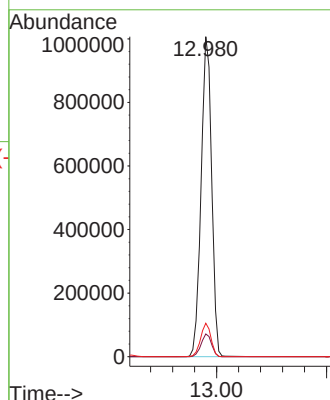
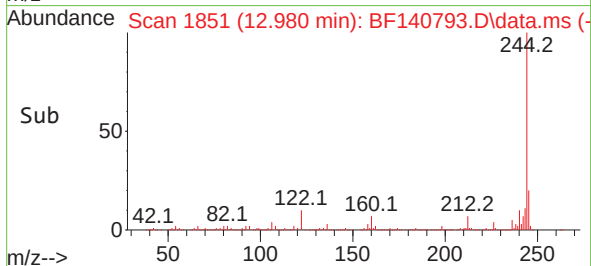
122 10.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 40.788 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

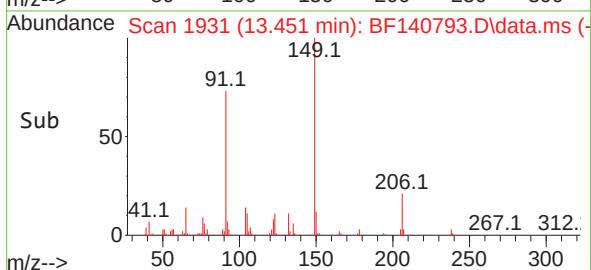
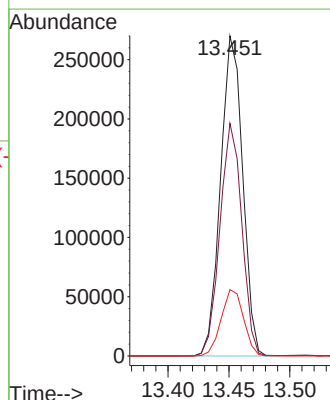
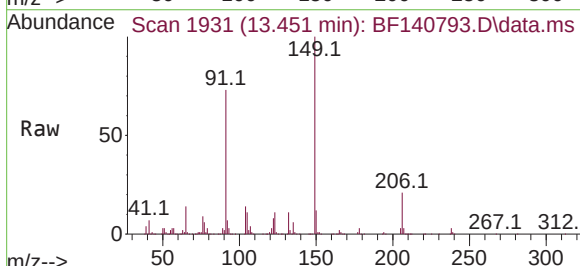
Tgt Ion:149 Resp: 341631

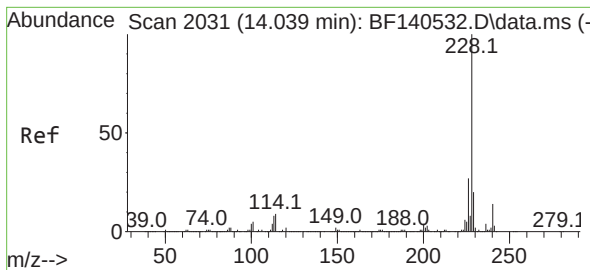
Ion Ratio Lower Upper

149 100

91 72.7 56.2 84.2

206 20.7 16.4 24.6





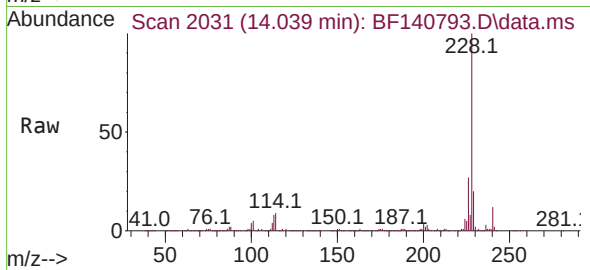
#81
Benzo(a)anthracene
Concen: 43.394 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



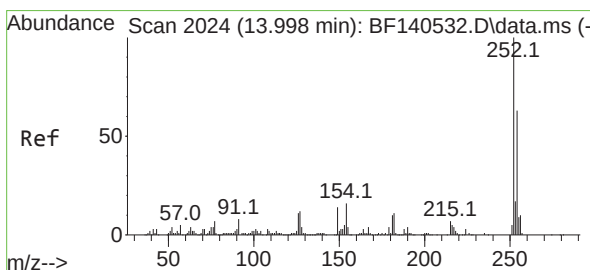
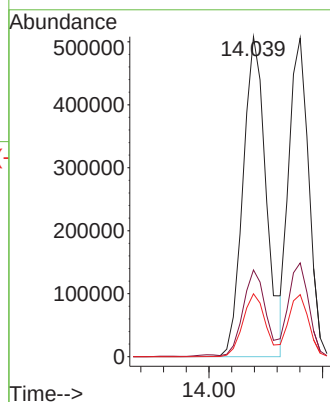
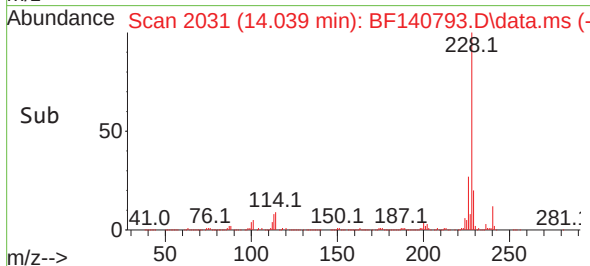
Tgt Ion:228 Resp: 722318
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

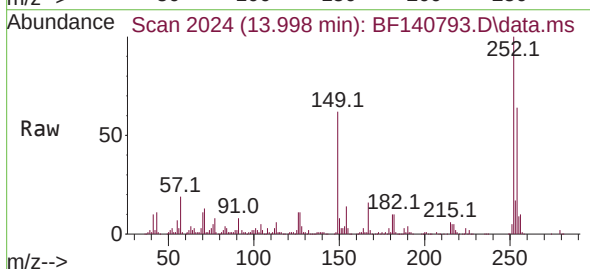
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

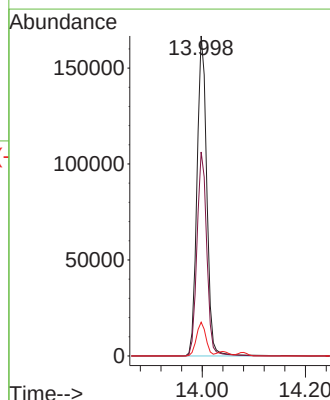
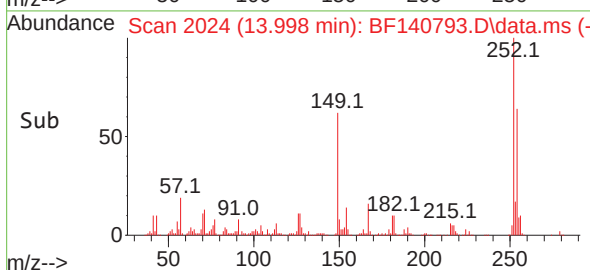
Supervised By :mohammad ahmed 12/12/2024

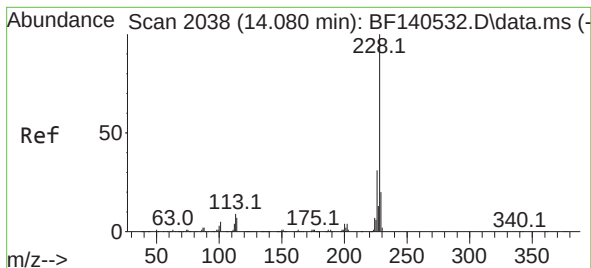


#82
3,3'-Dichlorobenzidine
Concen: 43.822 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:252 Resp: 219006
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 10.6 8.6 13.0





#83

Chrysene

Concen: 40.226 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

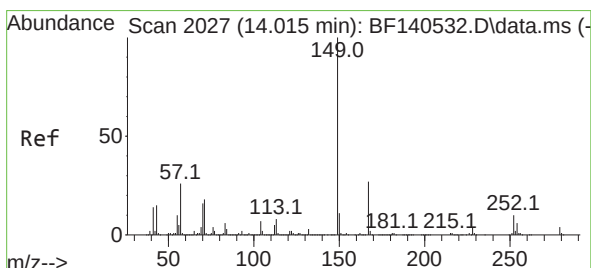
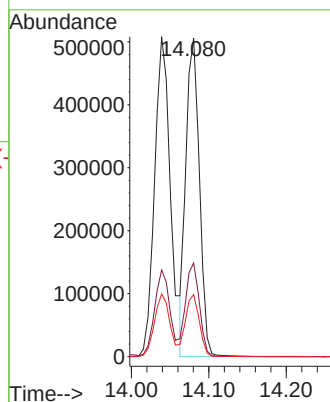
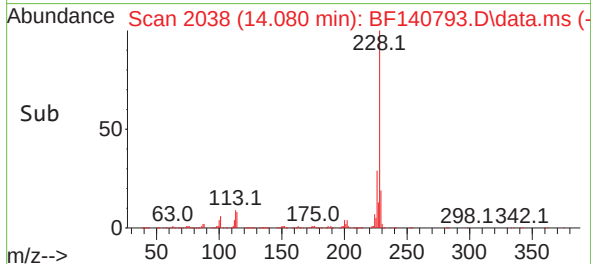
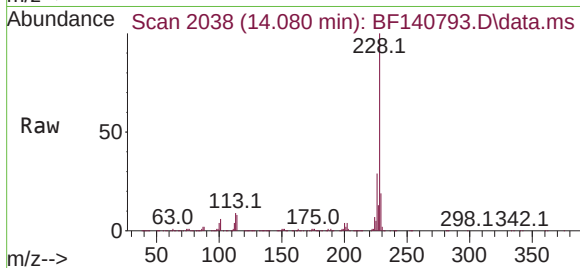
Tgt Ion:	228	Resp:	612260
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.4	36.6
229	19.5	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.273 ng

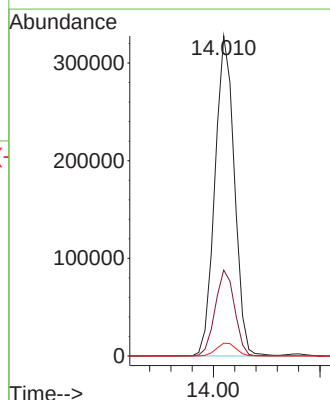
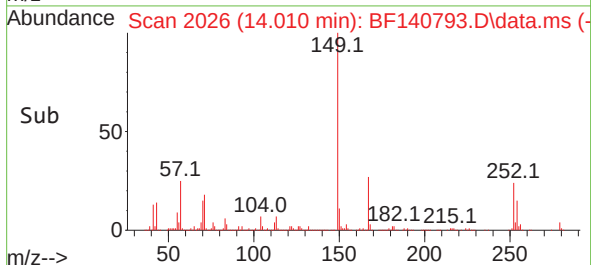
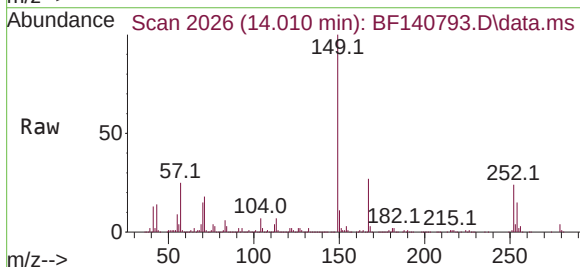
RT: 14.010 min Scan# 2026

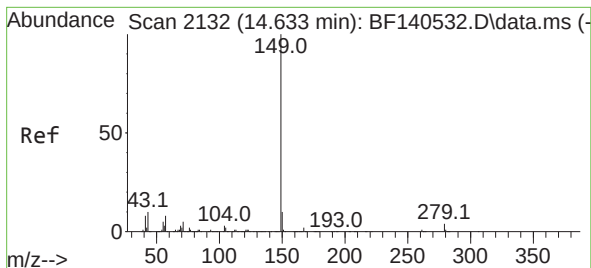
Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:	149	Resp:	415362
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.2	31.8
279	4.0	3.2	4.8





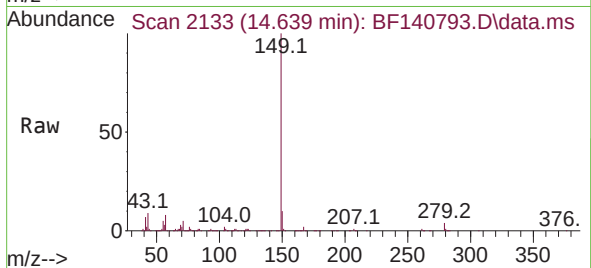
#85
Di-n-octyl phthalate
Concen: 43.349 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



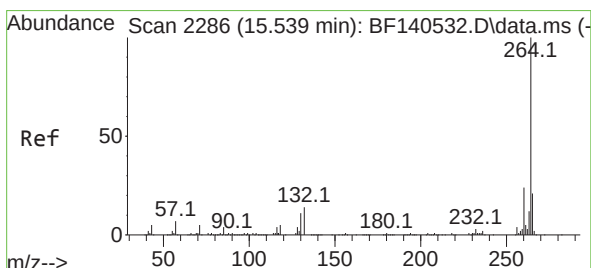
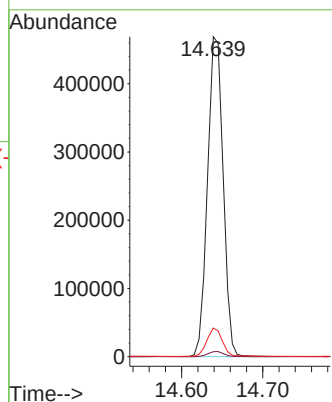
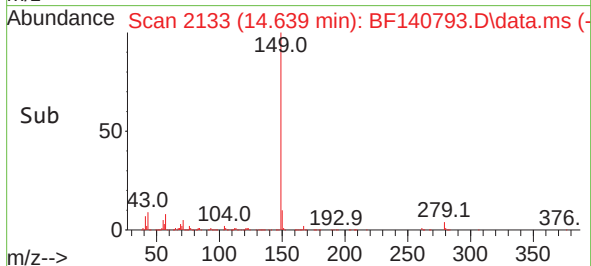
Tgt Ion:149 Resp: 626554
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 7.7 11.5

Manual Integrations

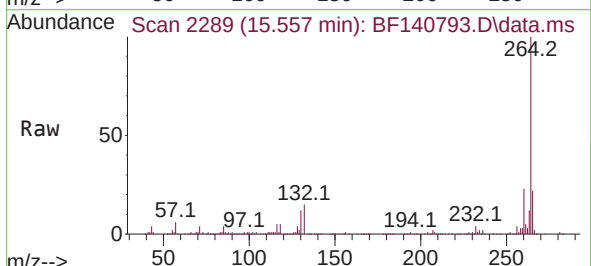
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

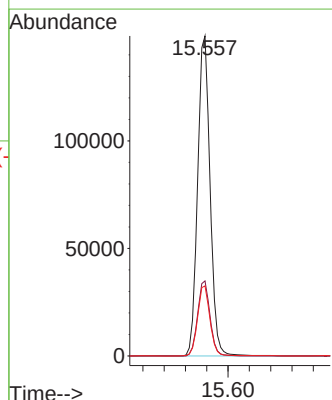
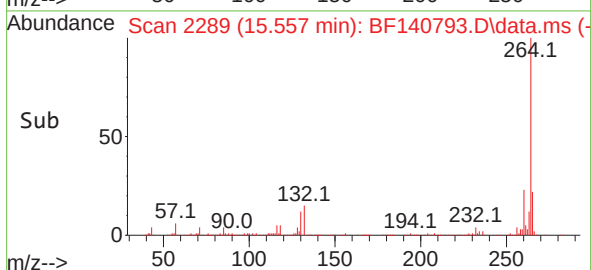
Supervised By :mohammad ahmed 12/12/2024

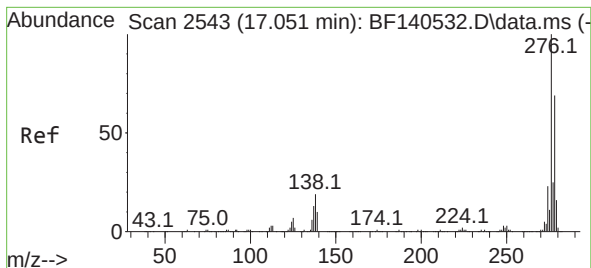


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:264 Resp: 241288
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.579 ng

RT: 17.086 min Scan# 2114

Delta R.T. 0.035 min

Lab File: BF140793.D

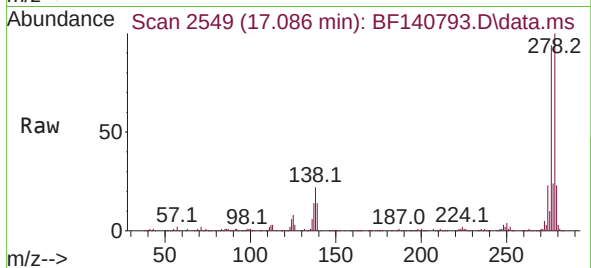
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:276 Resp: 74815

Ion Ratio Lower Upper

276 100

138 21.6 15.5 23.3

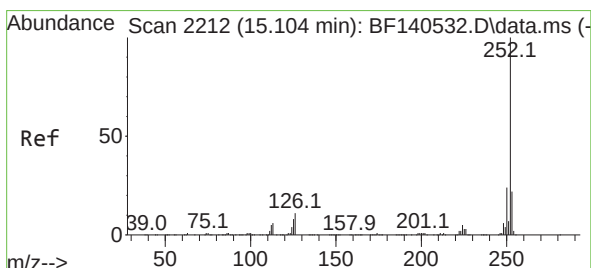
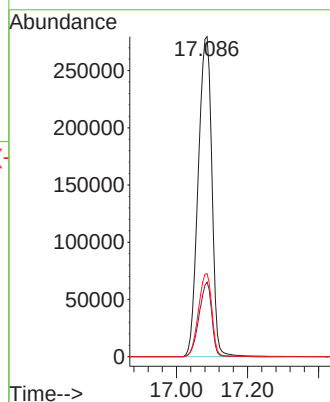
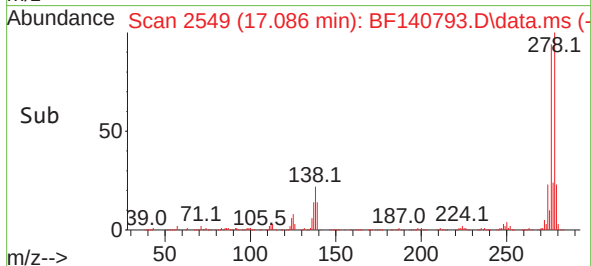
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#88

Benzo(b)fluoranthene

Concen: 42.056 ng

RT: 15.115 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

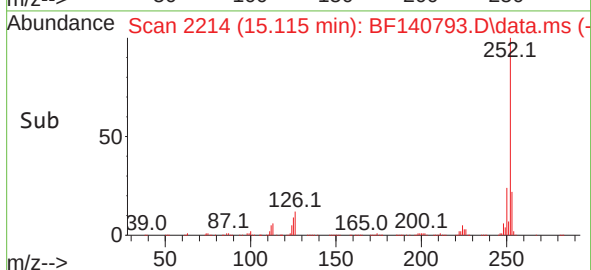
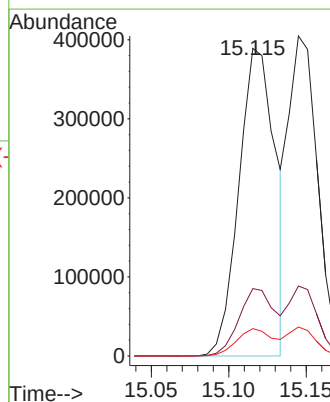
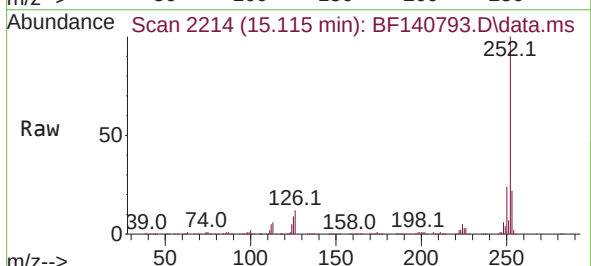
Tgt Ion:252 Resp: 637387

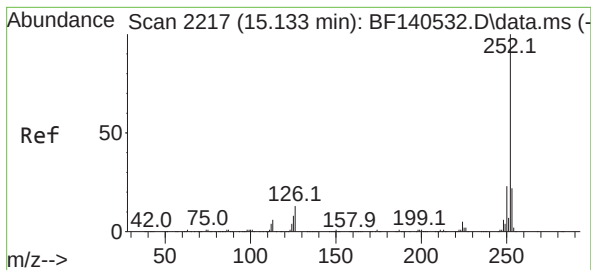
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 39.952 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

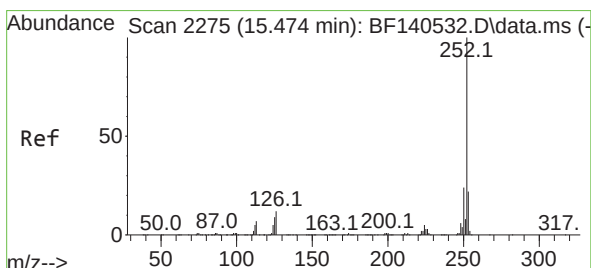
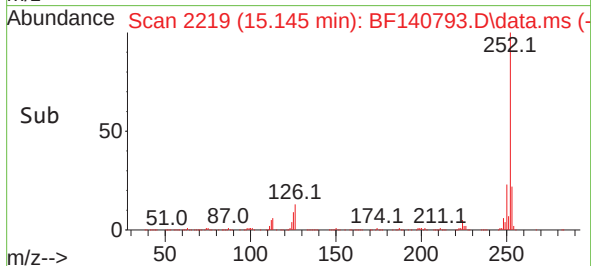
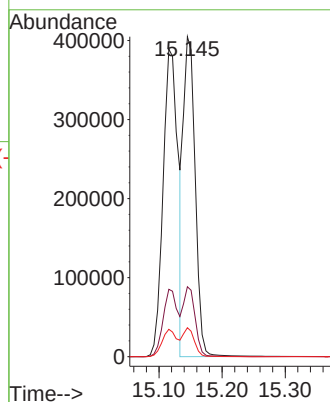
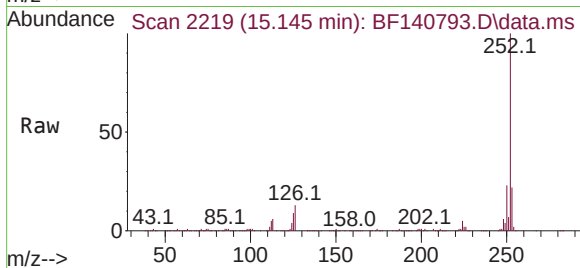
Tgt Ion:252 Resp: 52985
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 9.0 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 41.950 ng

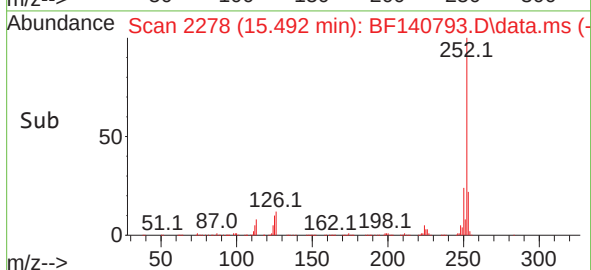
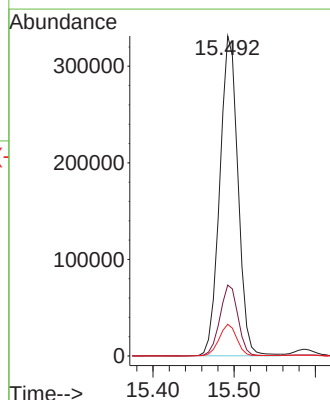
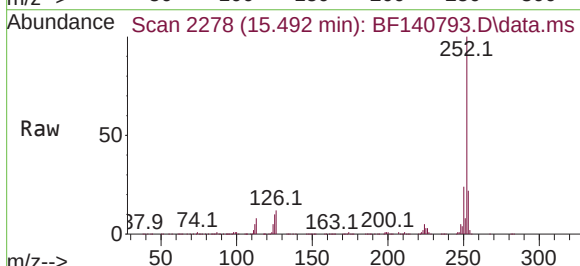
RT: 15.492 min Scan# 2278

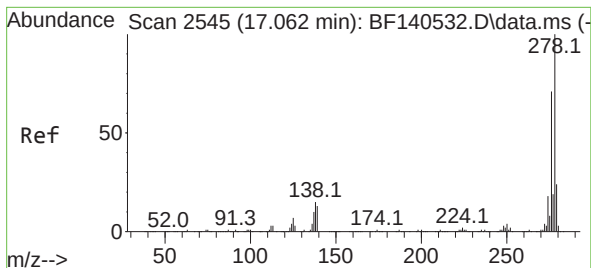
Delta R.T. 0.018 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:252 Resp: 516945
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.3 25.9
 125 9.9 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 48.060 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140793.D

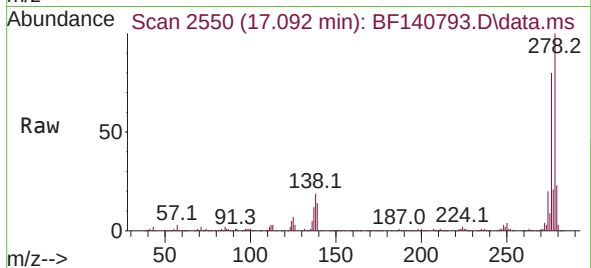
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:278 Resp: 61890

Ion Ratio Lower Upper

278 100

139 13.6 10.2 15.4

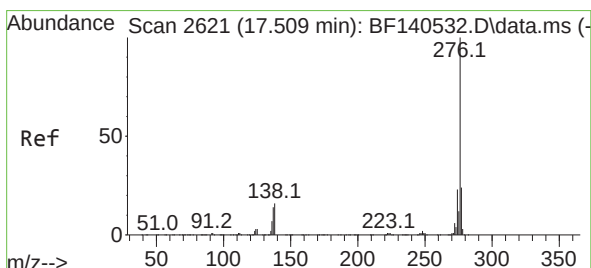
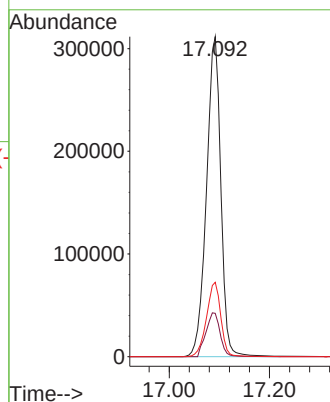
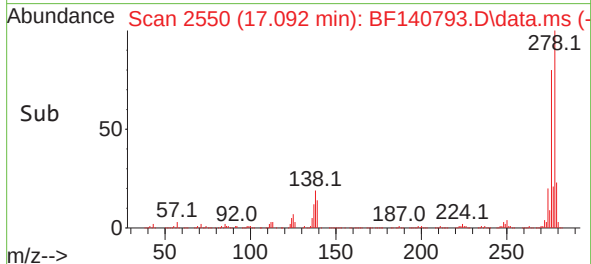
279 23.2 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#92

Benzo(g,h,i)perylene

Concen: 48.809 ng

RT: 17.539 min Scan# 2626

Delta R.T. 0.029 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:276 Resp: 641395

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 19.1 13.2 19.8

