

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140788.D
 Acq On : 09 Dec 2024 14:31
 Operator : RC/JU
 Sample : PB165435BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165435BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 15:59:28 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	73132	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	268344	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	151024	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	291303	20.000	ng	0.00
76) Chrysene-d12	14.051	240	190407	20.000	ng	0.00
86) Perylene-d12	15.557	264	142298	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	604690	141.077	ng	0.01
7) Phenol-d6	6.510	99	779920	137.637	ng	0.00
23) Nitrobenzene-d5	7.428	82	493160	94.003	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	239114	148.039	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	985105	97.187	ng	-0.01
79) Terphenyl-d14	12.980	244	1154710	94.431	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	75083	41.663	ng	98
3) Pyridine	3.487	79	184940	46.642	ng	99
4) n-Nitrosodimethylamine	3.446	42	102418	43.948	ng	91
6) Aniline	6.528	93	198117	49.674	ng	# 60
8) 2-Chlorophenol	6.657	128	224194	48.618	ng	96
9) Benzaldehyde	6.422	77	47889	15.964	ng	97
10) Phenol	6.528	94	282696	48.851	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	213656	48.248	ng	98
12) 1,3-Dichlorobenzene	6.804	146	234675	45.291	ng	98
13) 1,4-Dichlorobenzene	6.881	146	236406	45.060	ng	99
14) 1,2-Dichlorobenzene	7.034	146	226402	46.053	ng	99
15) Benzyl Alcohol	7.010	79	197779	47.065	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	245725	46.970	ng	67
17) 2-Methylphenol	7.128	107	176087	47.703	ng	96
18) Hexachloroethane	7.369	117	88663	45.248	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	157526	47.038	ng	98
20) 3+4-Methylphenols	7.281	107	234798	49.487	ng	# 90
22) Acetophenone	7.275	105	308157	47.104	ng	95
24) Nitrobenzene	7.451	77	244670	45.125	ng	96
25) Isophorone	7.687	82	426005	48.685	ng	99
26) 2-Nitrophenol	7.763	139	119856	49.881	ng	97
27) 2,4-Dimethylphenol	7.804	122	177273m	61.662	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	252551	47.377	ng	100
29) 2,4-Dichlorophenol	8.016	162	192153	50.440	ng	96
30) 1,2,4-Trichlorobenzene	8.087	180	200187	46.024	ng	100
31) Naphthalene	8.169	128	659550	47.717	ng	100
32) Benzoic acid	7.945	122	97104	40.190	ng	97
33) 4-Chloroaniline	8.222	127	105664	25.533	ng	98
34) Hexachlorobutadiene	8.281	225	129909	45.092	ng	99
35) Caprolactam	8.592	113	60000m	50.894	ng	
36) 4-Chloro-3-methylphenol	8.716	107	209630	49.149	ng	100
37) 2-Methylnaphthalene	8.857	142	434148	49.452	ng	99
38) 1-Methylnaphthalene	8.957	142	401097	46.610	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	213649	48.323	ng	99
41) Hexachlorocyclopentadiene	9.010	237	123015	119.792	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	130404	47.005	ng	100

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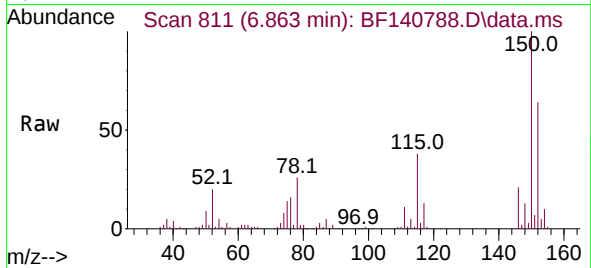
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138745	46.081	ng	97
46) 1,1'-Biphenyl	9.322	154	544616	48.300	ng	99
47) 2-Chloronaphthalene	9.351	162	402856	47.152	ng	99
48) 2-Nitroaniline	9.451	65	133454	48.664	ng	98
49) Acenaphthylene	9.769	152	668102	51.755	ng	99
50) Dimethylphthalate	9.622	163	482619	48.522	ng	100
51) 2,6-Dinitrotoluene	9.692	165	106240	47.097	ng	96
52) Acenaphthene	9.939	154	399206	48.670	ng	99
53) 3-Nitroaniline	9.869	138	71055	32.206	ng	93
54) 2,4-Dinitrophenol	9.986	184	107779	91.056	ng	94
55) Dibenzofuran	10.110	168	609172	48.690	ng	99
56) 4-Nitrophenol	10.051	139	129552	86.100	ng	97
57) 2,4-Dinitrotoluene	10.104	165	145072	48.389	ng	95
58) Fluorene	10.457	166	491872	48.980	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	122516	52.946	ng	91
60) Diethylphthalate	10.322	149	484343	47.928	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	239856	48.669	ng	95
62) 4-Nitroaniline	10.486	138	111708	48.276	ng	94
63) Azobenzene	10.604	77	455652	47.612	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	80019	53.756	ng	96
66) n-Nitrosodiphenylamine	10.563	169	425471	49.390	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	141435	47.145	ng	97
68) Hexachlorobenzene	11.004	284	162708	46.840	ng	97
69) Atrazine	11.092	200	135438	55.886	ng	99
70) Pentachlorophenol	11.210	266	124566	81.477	ng	100
71) Phenanthrene	11.422	178	702145	50.144	ng	99
72) Anthracene	11.475	178	713823	52.114	ng	100
73) Carbazole	11.633	167	661646	50.213	ng	100
74) Di-n-butylphthalate	11.951	149	726470	47.754	ng	99
75) Fluoranthene	12.616	202	779823	51.293	ng	100
77) Benzidine	12.739	184	192710	34.810	ng	99
78) Pyrene	12.845	202	799086	45.388	ng	100
80) Butylbenzylphthalate	13.451	149	290428	45.793	ng	99
81) Benzo(a)anthracene	14.039	228	624066	49.513	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	133825	35.364	ng	98
83) Chrysene	14.080	228	586907	50.924	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	342209	42.732	ng	100
85) Di-n-octyl phthalate	14.639	149	438390	40.056	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	465855	50.236	ng	99
88) Benzo(b)fluoranthene	15.116	252	478015	53.482	ng	99
89) Benzo(k)fluoranthene	15.145	252	380212	48.611	ng	99
90) Benzo(a)pyrene	15.492	252	391696	53.899	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	374312	49.287	ng	99
92) Benzo(g,h,i)perylene	17.533	276	359573	46.398	ng	98

(#) = 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: BF140788.D
Acq: 09 Dec 2024 14:31

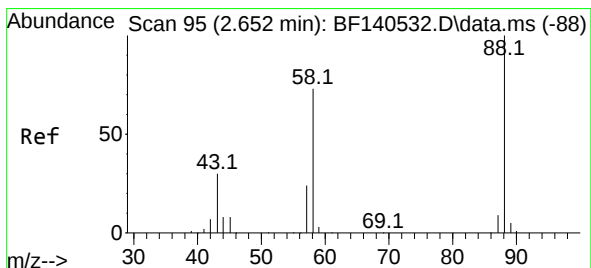
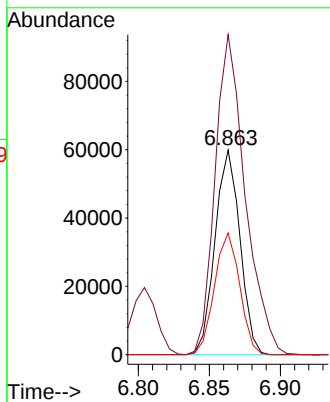
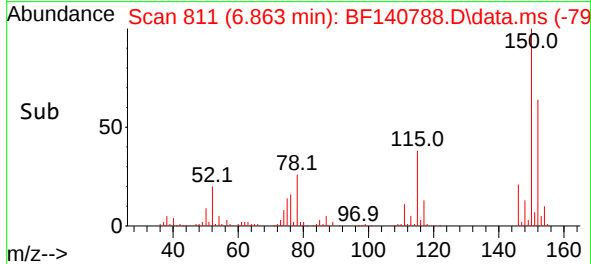
Instrument :
BNA_F
ClientSampleId :
PB165435BS



Tgt Ion:152 Resp: 7313
Ion Ratio Lower Upper
152 100
150 156.4 128.5 192.7
115 59.5 50.2 75.4

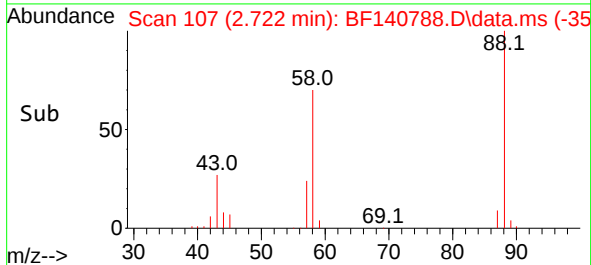
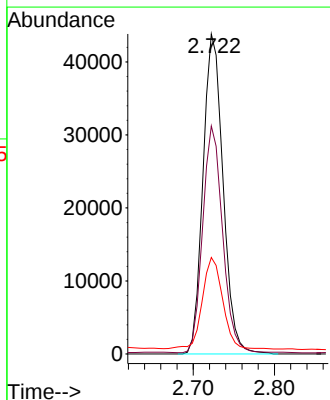
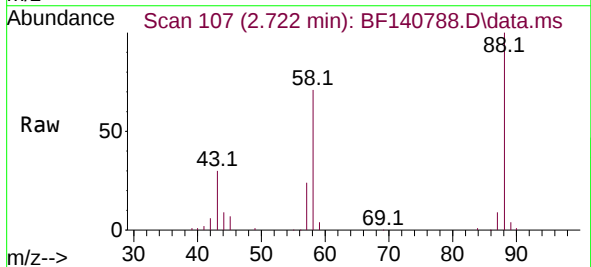
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 41.663 ng
RT: 2.722 min Scan# 107
Delta R.T. 0.071 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 88 Resp: 75083
Ion Ratio Lower Upper
88 100
58 70.4 57.4 86.2
43 29.1 24.3 36.5





#3

Pyridine

Concen: 46.642 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

Tgt Ion: 79 Resp: 184940

Ion Ratio Lower Upper

79 100

52 65.4 52.1 78.1

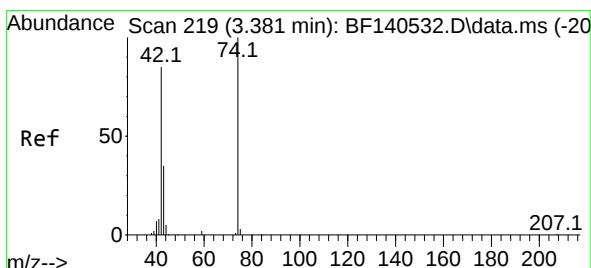
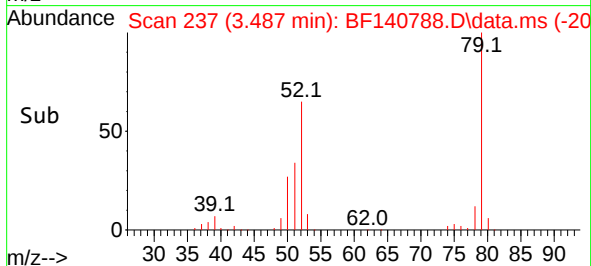
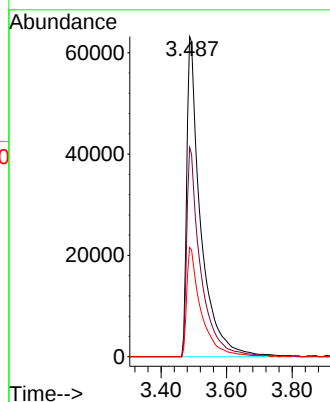
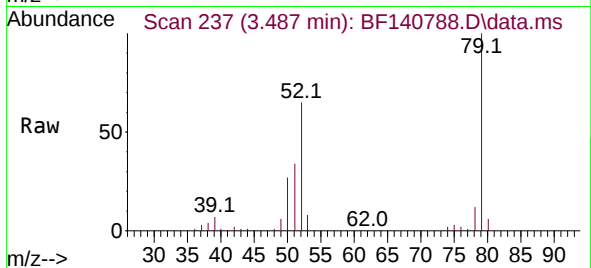
51 34.2 27.8 41.8

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#4

n-Nitrosodimethylamine

Concen: 43.948 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.065 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

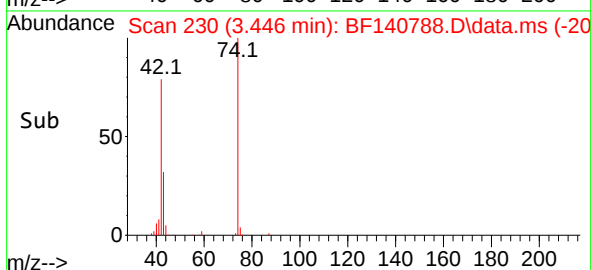
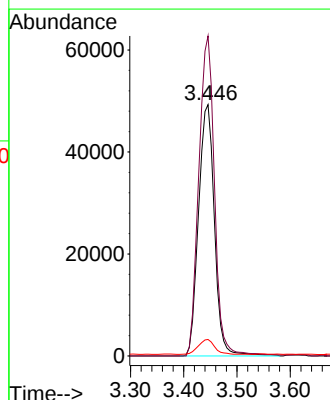
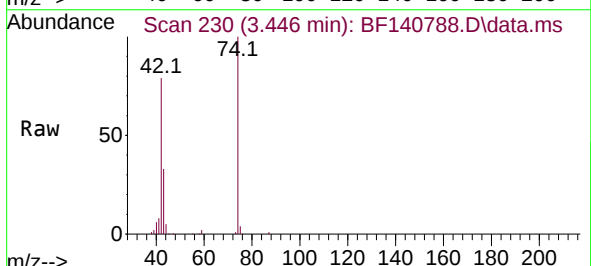
Tgt Ion: 42 Resp: 102418

Ion Ratio Lower Upper

42 100

74 127.3 93.8 140.6

44 6.5 4.6 6.8





#5
2-Fluorophenol
Concen: 141.077 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

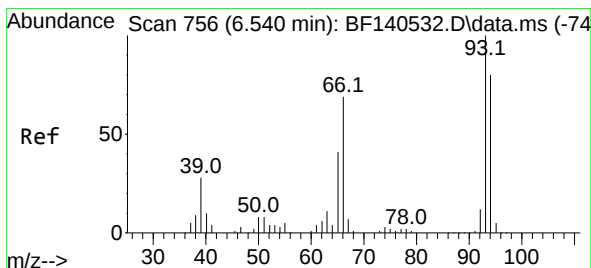
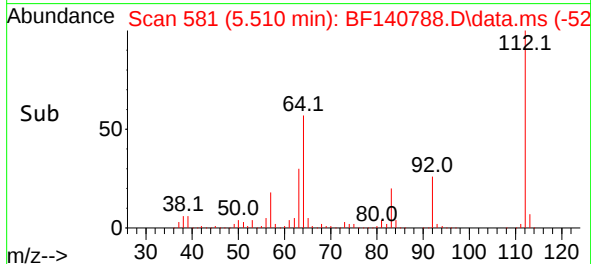
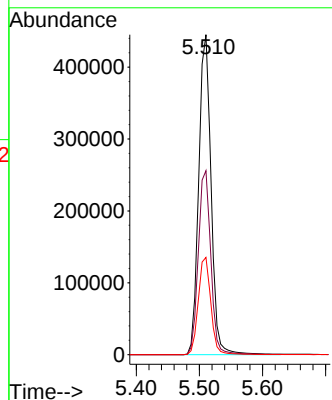
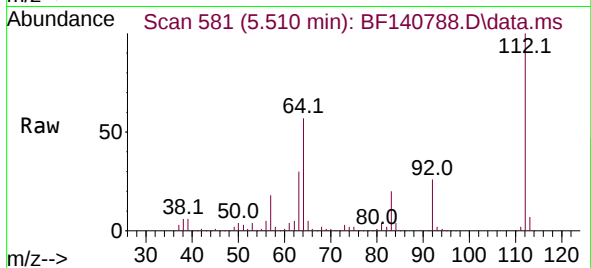
PB165435BS

Tgt Ion:112 Resp: 604690
Ion Ratio Lower Upper
112 100
64 57.5 49.2 73.8
63 30.4 27.0 40.4

Manual Integrations

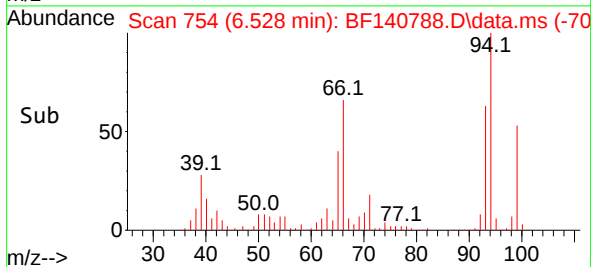
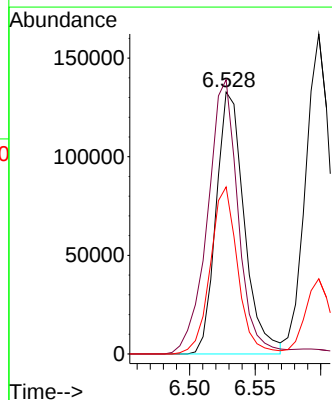
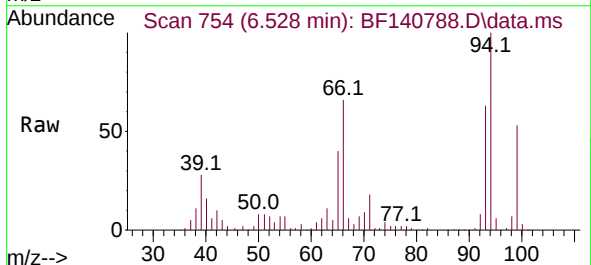
APPROVED

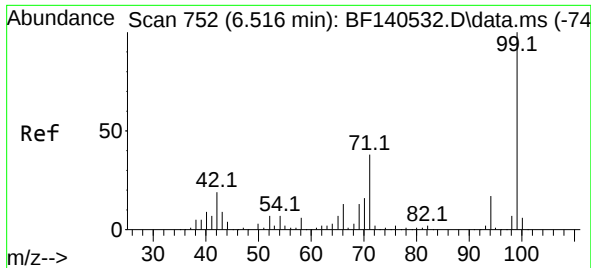
Reviewed By :Yogesh Patel 12/11/2024
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#6
Aniline
Concen: 49.674 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

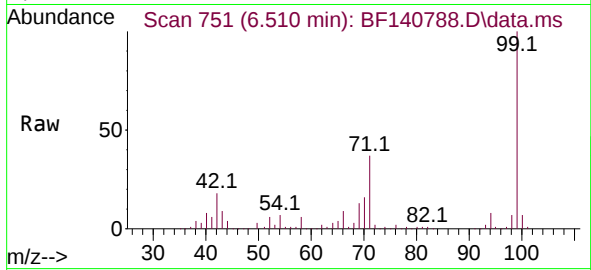
Tgt Ion: 93 Resp: 198117
Ion Ratio Lower Upper
93 100
66 104.7 56.5 84.7#
65 63.8 32.9 49.3#





#7
Phenol-d6
Concen: 137.637 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

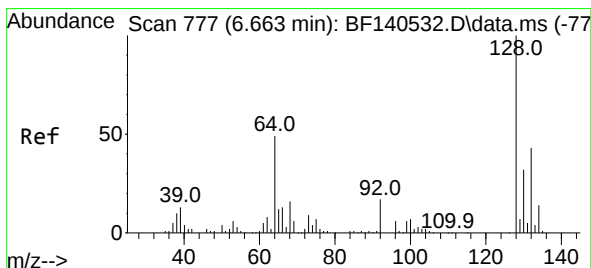
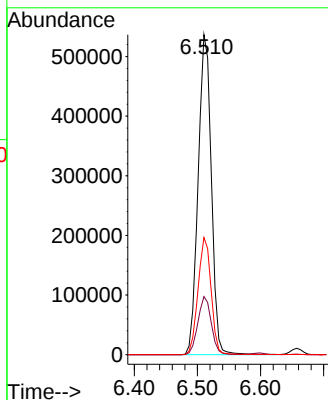
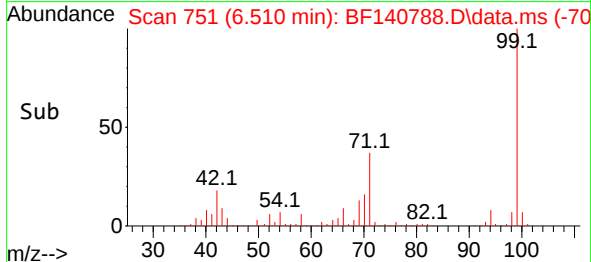
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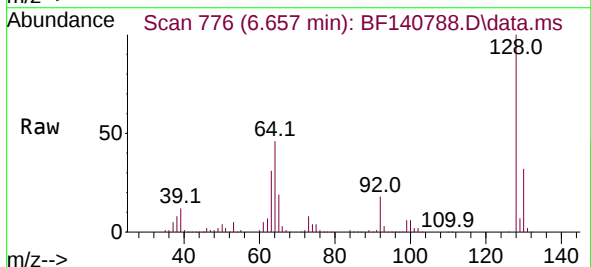
Tgt Ion: 99 Resp: 779920
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.6 30.6 46.0

Manual Integrations
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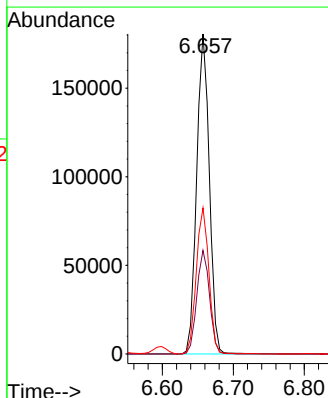
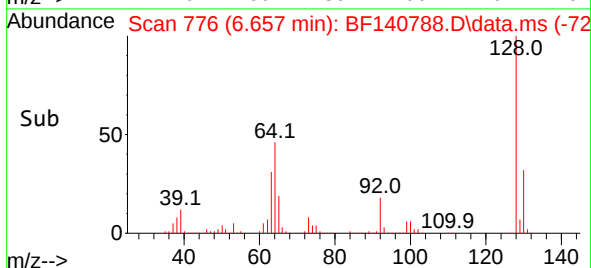
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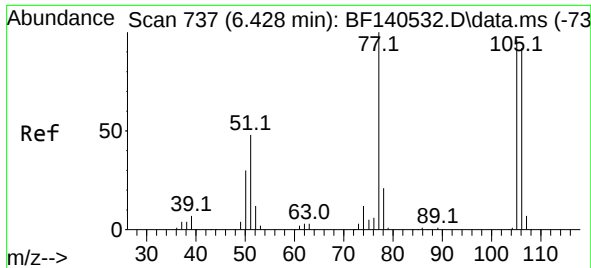


#8
2-Chlorophenol
Concen: 48.618 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:128 Resp: 224194
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 45.7 30.2 70.2





#9
Benzaldehyde
Concen: 15.964 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

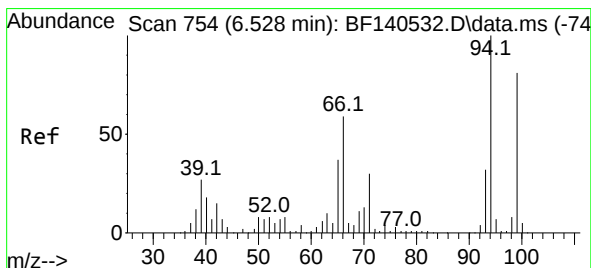
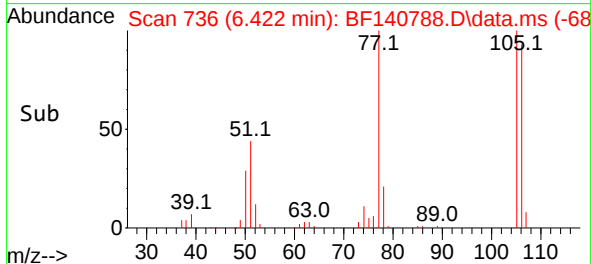
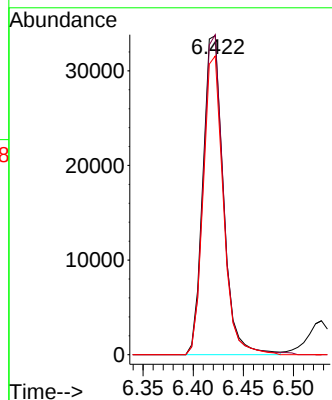
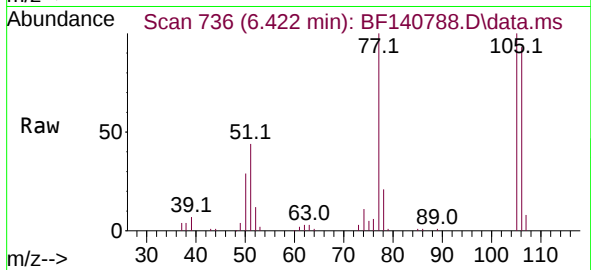
ClientSampleId :

PB165435BS

Tgt Ion: 77 Resp: 47889
Ion Ratio Lower Upper
77 100
105 100.3 75.6 115.6
106 93.6 72.0 112.0

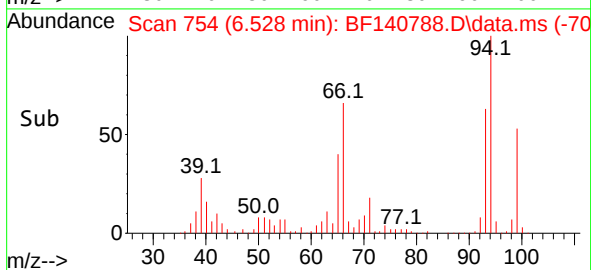
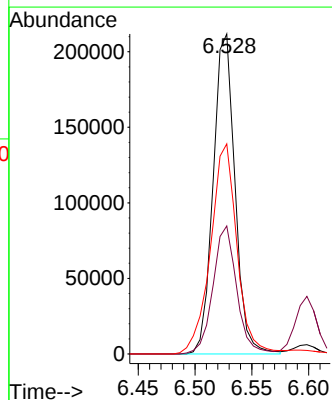
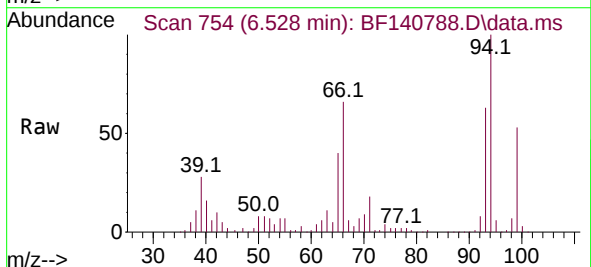
Manual Integrations
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#10
Phenol
Concen: 48.851 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 94 Resp: 282696
Ion Ratio Lower Upper
94 100
65 40.0 17.2 57.2
66 65.7 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 48.248 ng

RT: 6.598 min Scan# 768

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

Tgt Ion: 93 Resp: 213650

Ion Ratio Lower Upper

93 100

63 70.9 52.8 92.8

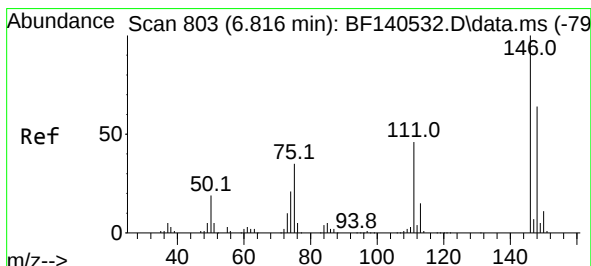
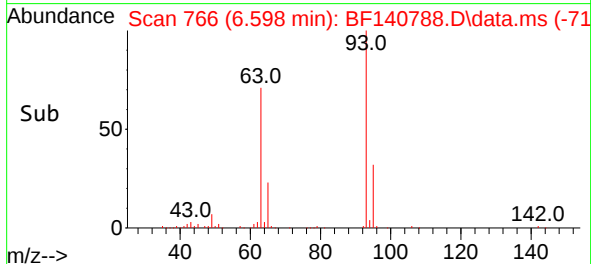
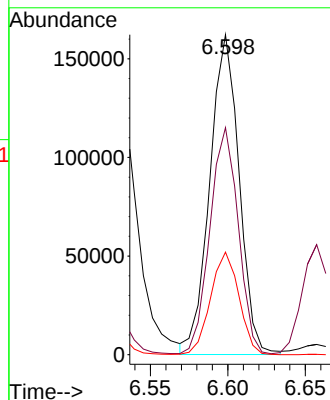
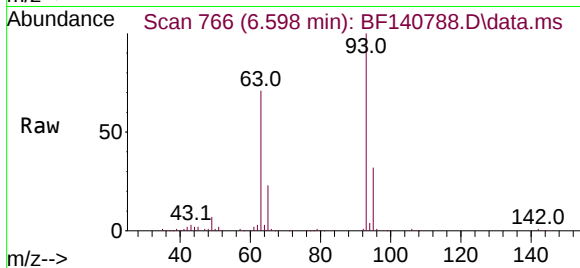
95 32.1 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#12

1,3-Dichlorobenzene

Concen: 45.291 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

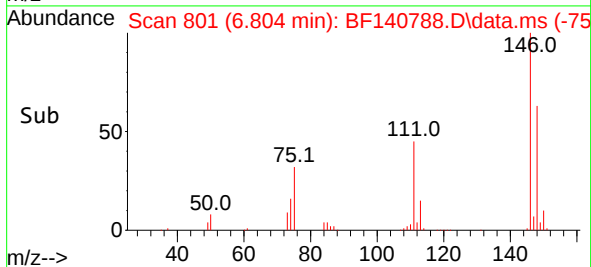
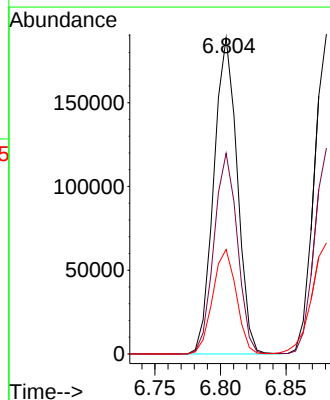
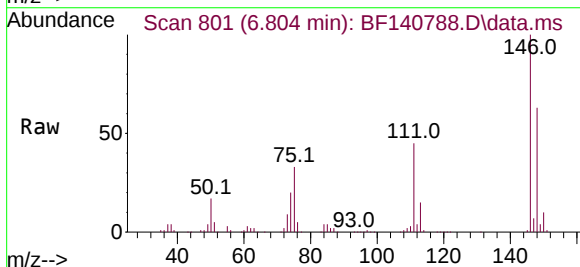
Tgt Ion:146 Resp: 234675

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

75 33.0 28.2 42.2





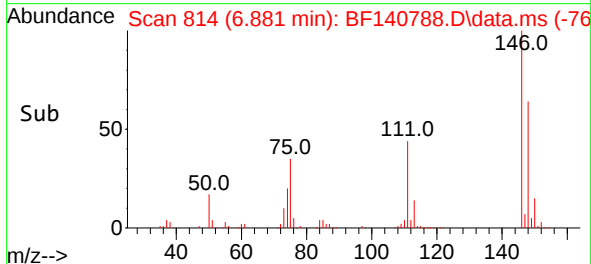
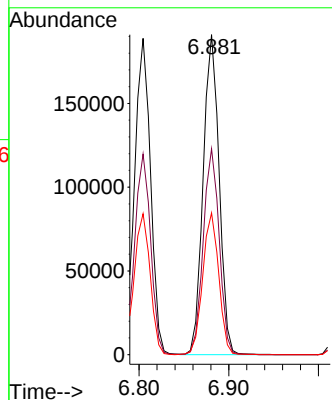
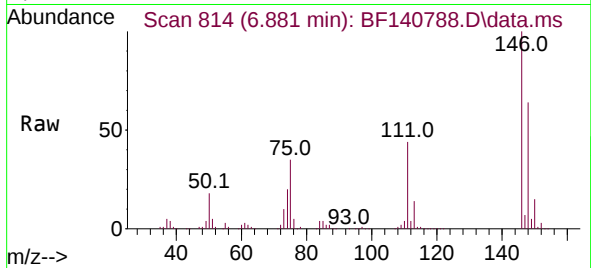
#13
1,4-Dichlorobenzene
Concen: 45.060 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :
BNA_F
ClientSampleId :
PB165435BS

Tgt Ion:146 Resp: 236400
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 44.3 35.3 52.9

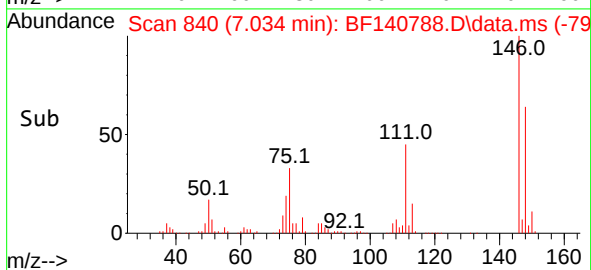
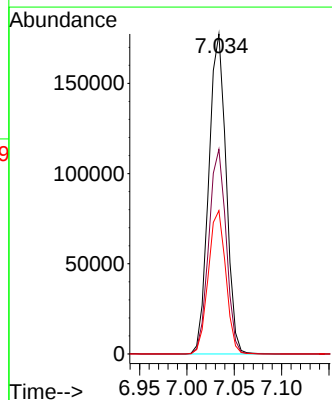
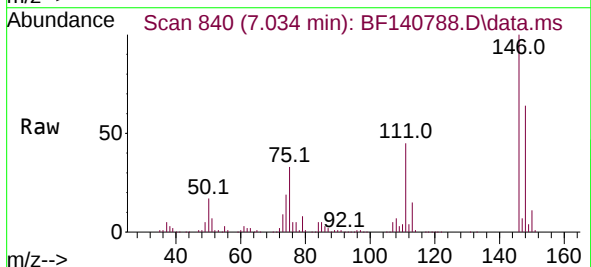
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 46.053 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

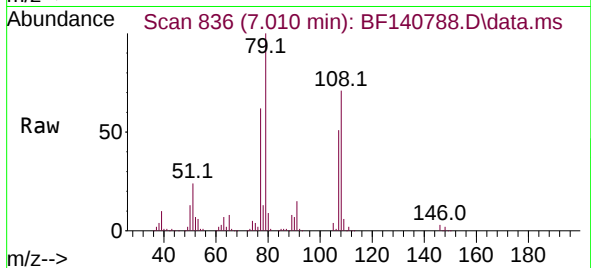
Tgt Ion:146 Resp: 226402
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 44.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 47.065 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

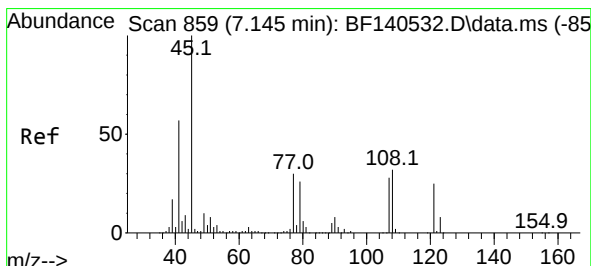
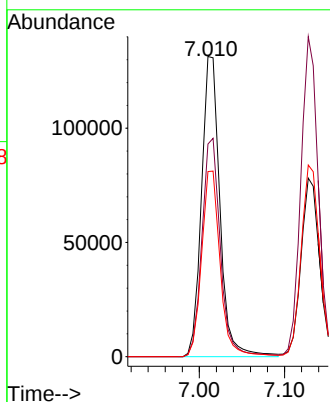
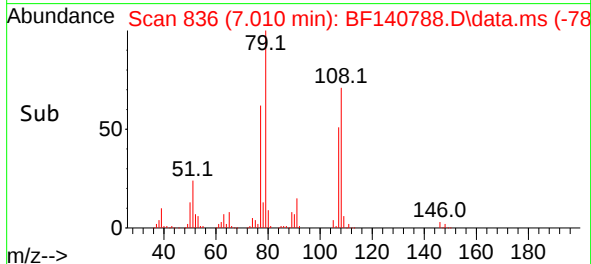
Instrument :
BNA_F
ClientSampleId :
PB165435BS



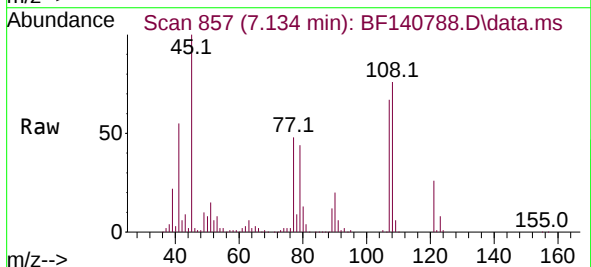
Tgt Ion: 79 Resp: 197779
Ion Ratio Lower Upper
79 100
108 70.9 55.0 82.6
77 61.7 50.1 75.1

Manual Integrations
APPROVED

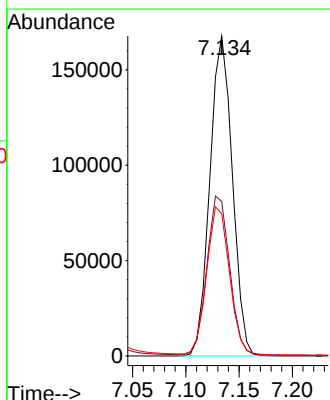
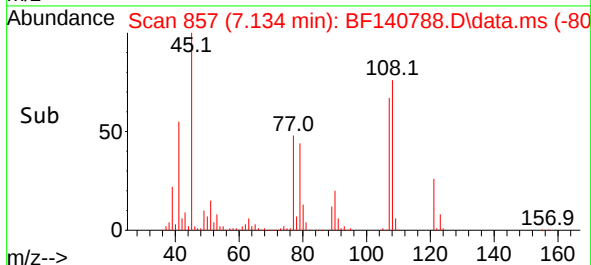
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

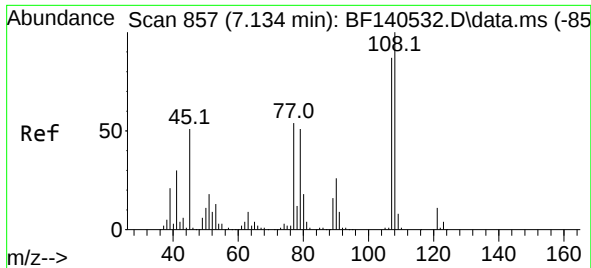


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.970 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion: 45 Resp: 245725
Ion Ratio Lower Upper
45 100
77 48.3 10.7 50.7
79 44.4 7.0 47.0





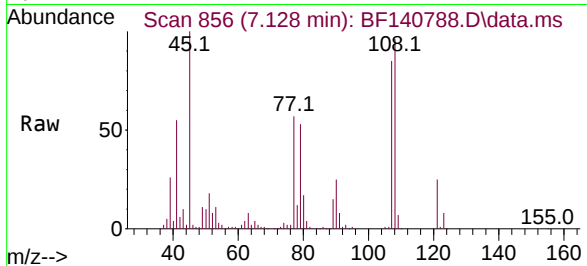
#17
2-Methylphenol
Concen: 47.703 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

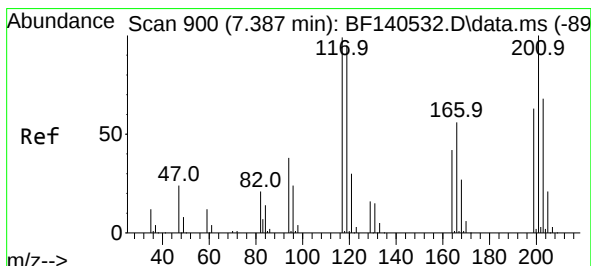
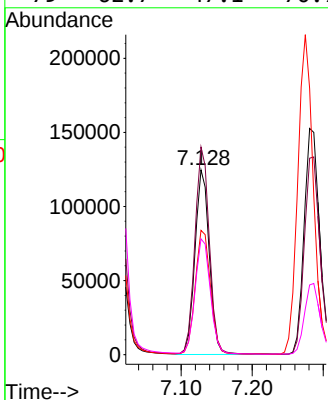
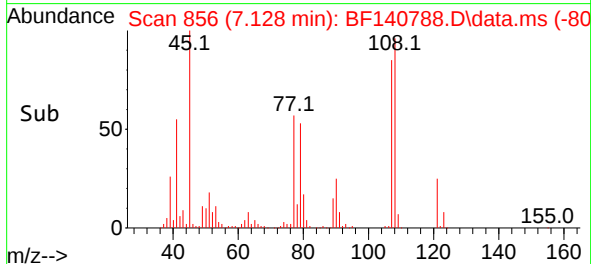
PB165435BS



Tgt Ion:107 Resp: 17608
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 67.3 49.3 73.9
79 62.7 47.1 70.7

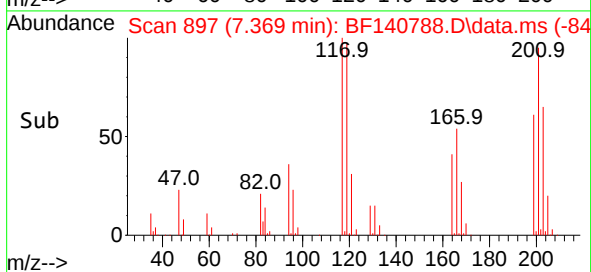
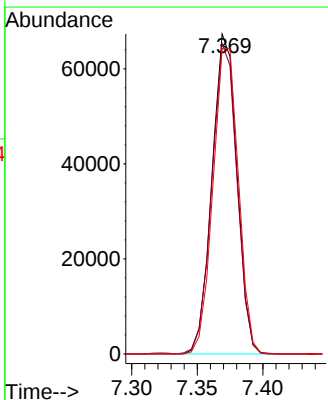
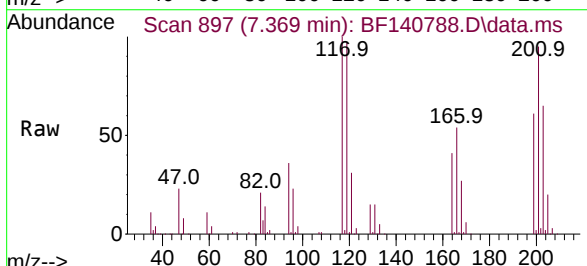
Manual Integrations
APPROVED

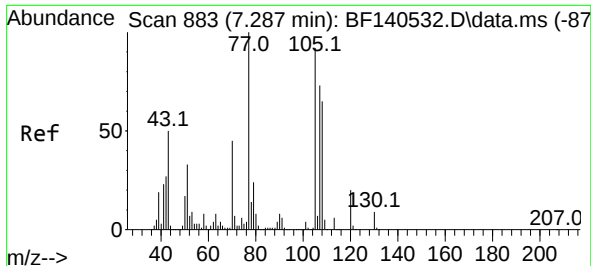
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 45.248 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:117 Resp: 88663
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7
201 95.4 81.1 121.7





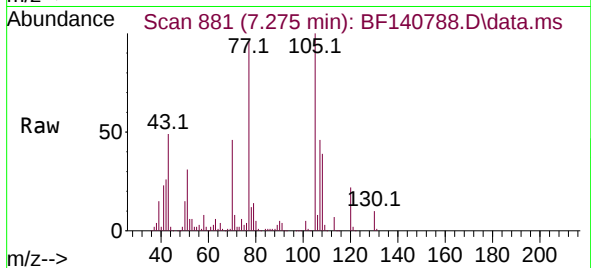
#19
n-Nitroso-di-n-propylamine
Concen: 47.038 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

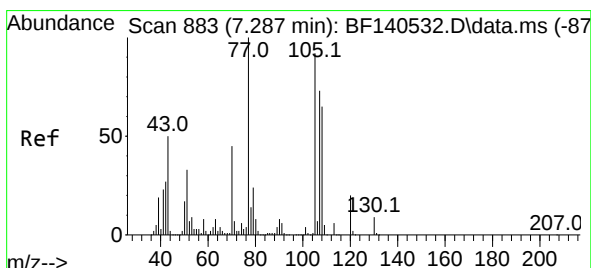
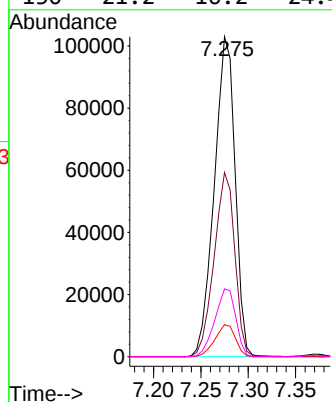
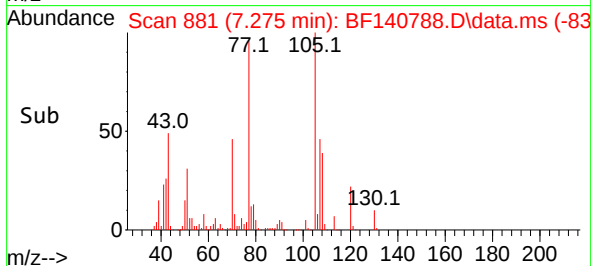


Tgt Ion: 70 Resp: 157520
Ion Ratio Lower Upper
70 100
42 57.5 47.6 71.4
101 10.0 7.6 11.4
130 21.2 16.2 24.4

Manual Integrations

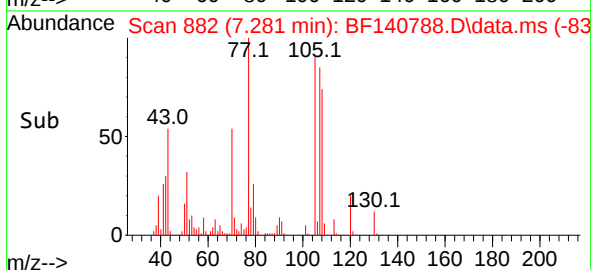
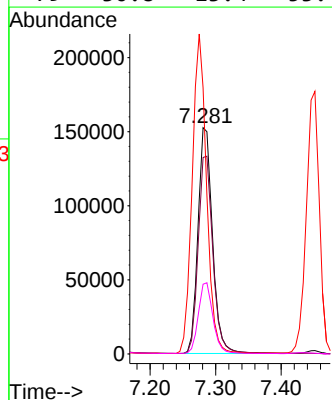
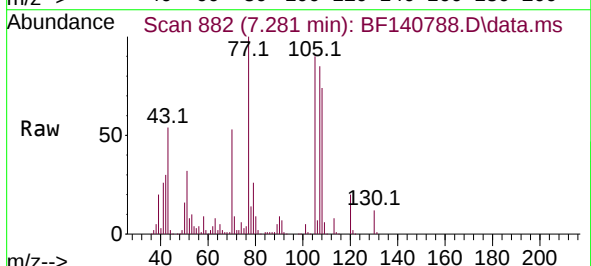
APPROVED

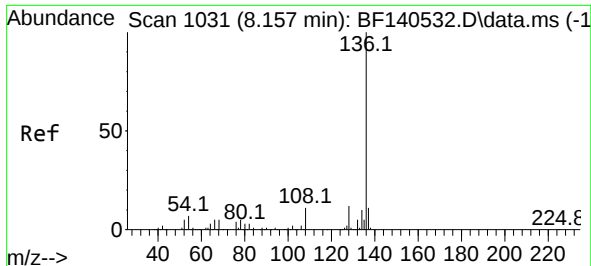
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#20
3+4-Methylphenols
Concen: 49.487 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:107 Resp: 234798
Ion Ratio Lower Upper
107 100
108 86.9 69.9 109.9
77 117.6 117.7 157.7#
79 30.8 13.4 53.4





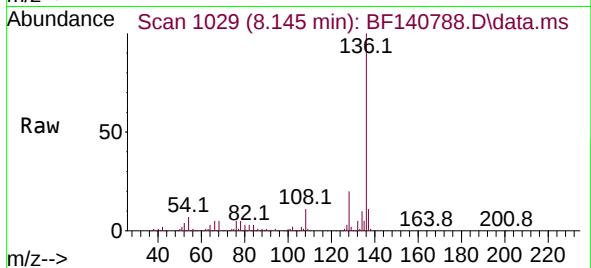
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



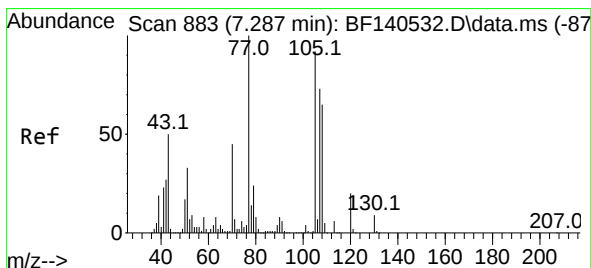
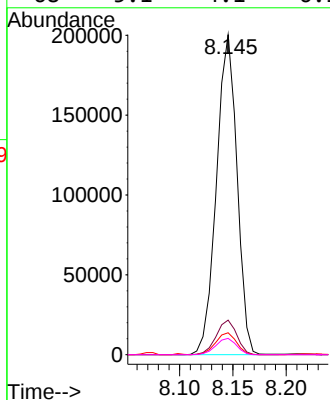
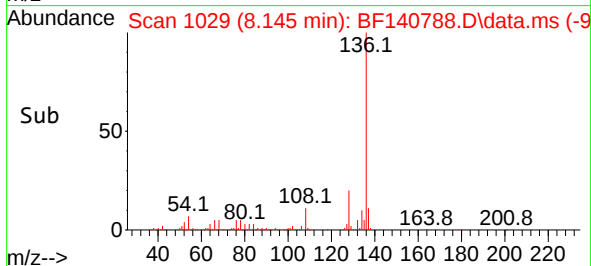
Tgt Ion:136 Resp: 268344
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

APPROVED

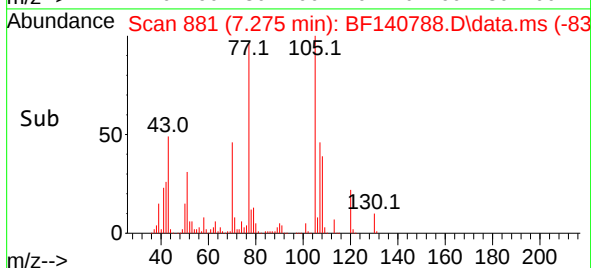
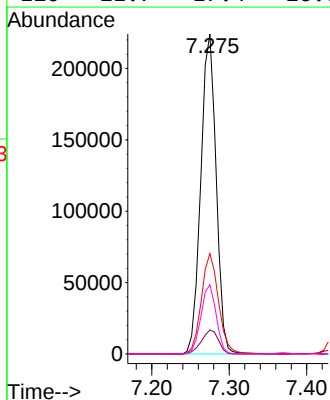
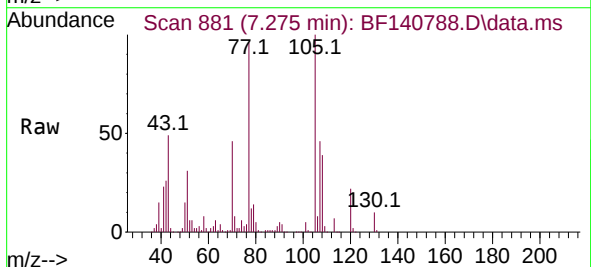
Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 47.104 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:105 Resp: 308157
Ion Ratio Lower Upper
105 100
71 7.5 6.2 9.2
51 31.3 29.0 43.6
120 21.7 17.4 26.0





#23
Nitrobenzene-d5
Concen: 94.003 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

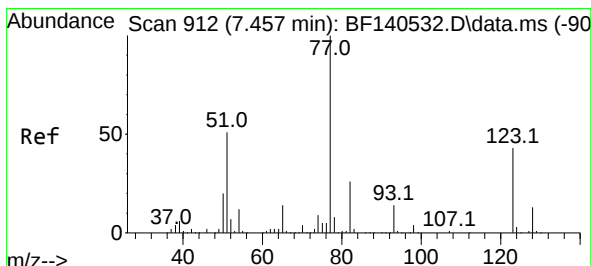
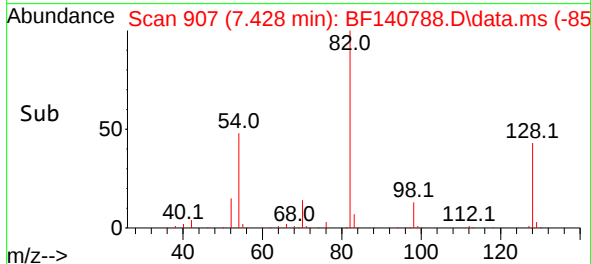
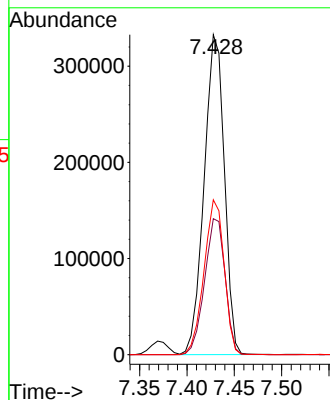
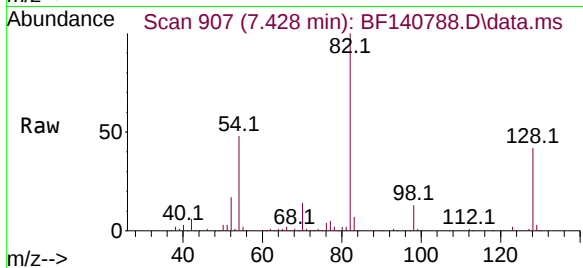
PB165435BS

Tgt Ion: 82 Resp: 493160
Ion Ratio Lower Upper
82 100
128 42.5 33.0 49.4
54 48.4 39.5 59.3

Manual Integrations

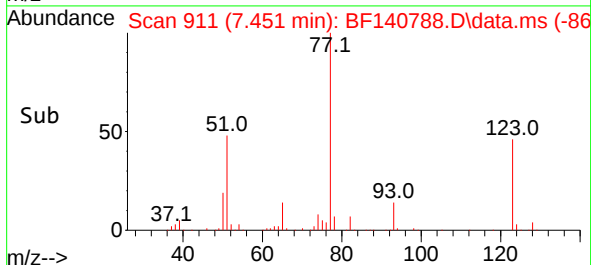
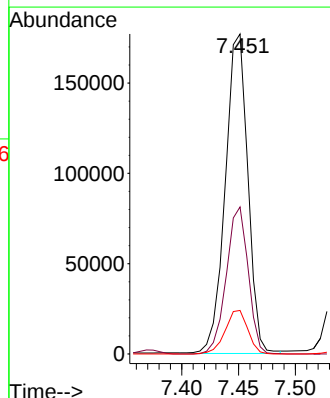
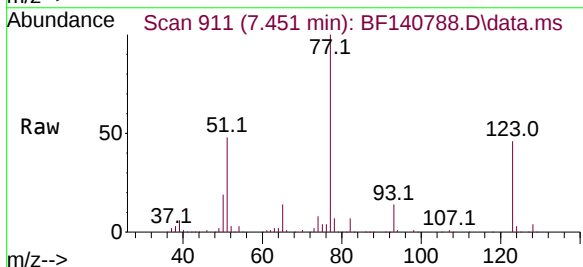
APPROVED

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



#24
Nitrobenzene
Concen: 45.125 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 77 Resp: 244670
Ion Ratio Lower Upper
77 100
123 45.9 34.3 51.5
65 13.6 11.2 16.8





#25
Isophorone
Concen: 48.685 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

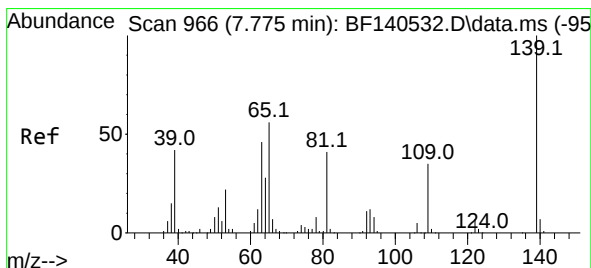
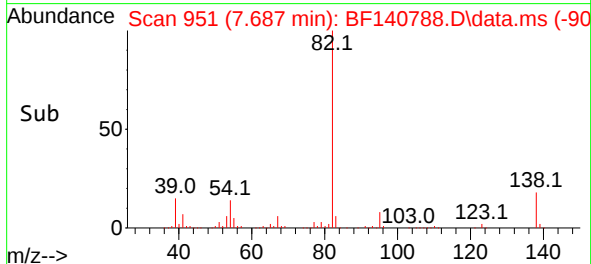
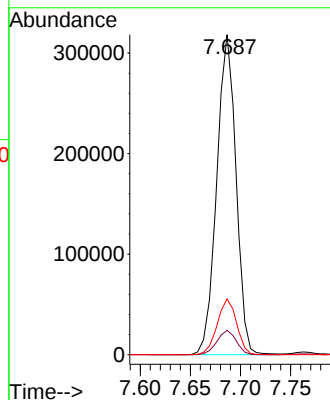
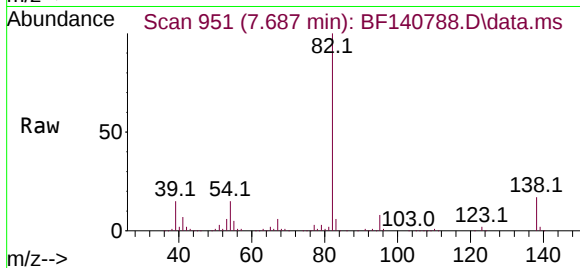
ClientSampleId :

PB165435BS

Tgt Ion: 82 Resp: 42600
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 17.4 13.8 20.6

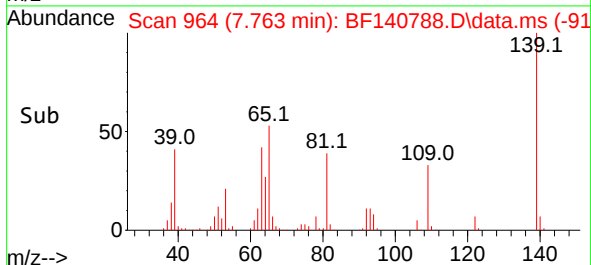
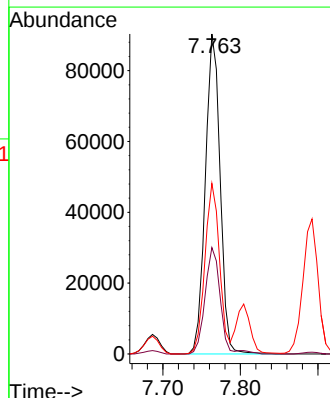
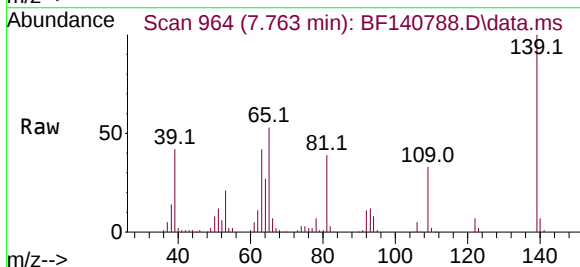
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 49.881 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:139 Resp: 119856
Ion Ratio Lower Upper
139 100
109 33.3 28.0 42.0
65 53.3 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 61.662 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

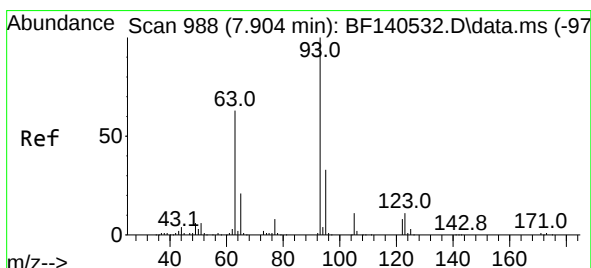
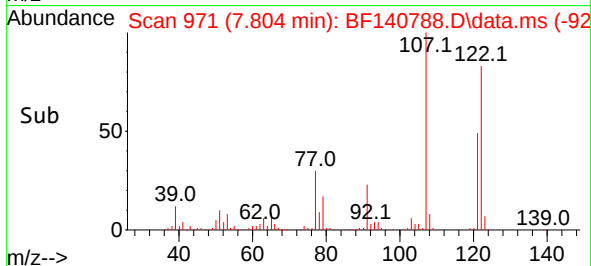
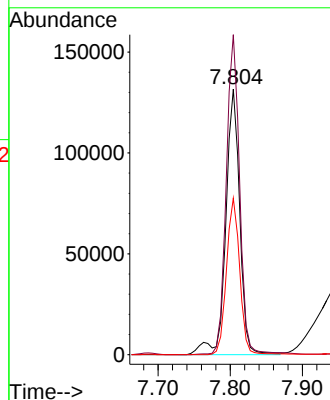
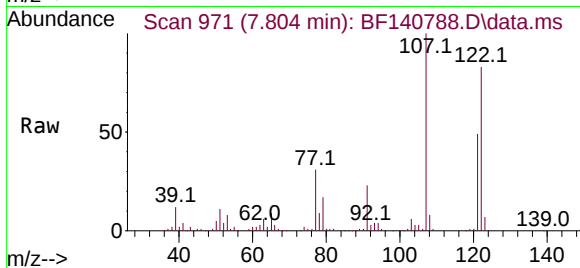
PB165435BS

Tgt Ion:122 Resp: 17727
Ion Ratio Lower Upper
122 100
107 120.5 96.8 145.2
121 58.9 47.4 71.0

Manual Integrations

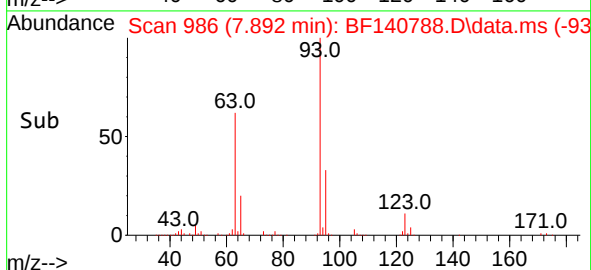
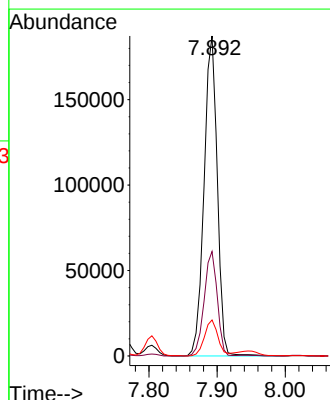
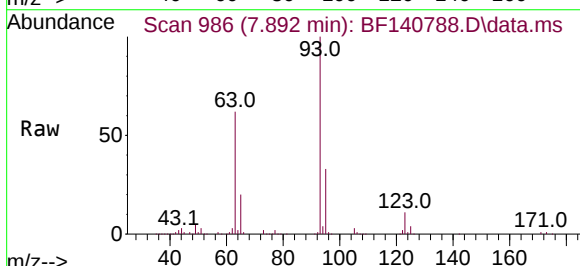
APPROVED

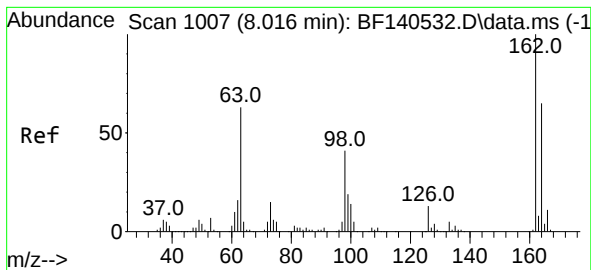
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.377 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 93 Resp: 252551
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.3 9.1 13.7





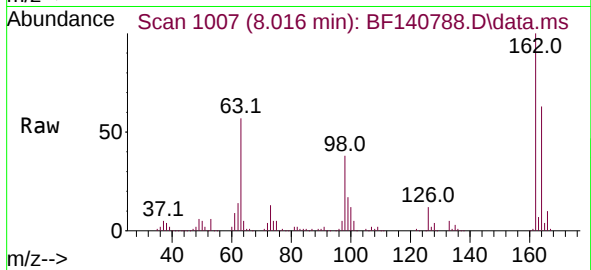
#29
2,4-Dichlorophenol
Concen: 50.440 ng
RT: 8.016 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



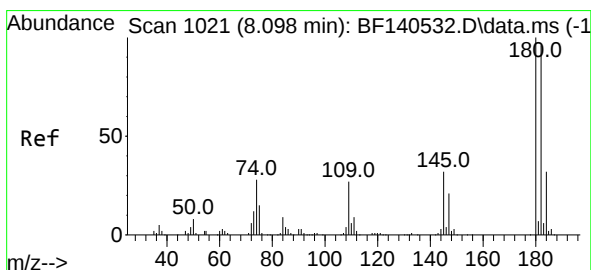
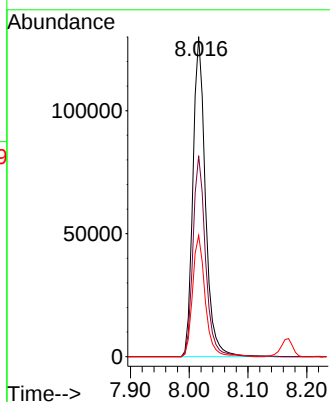
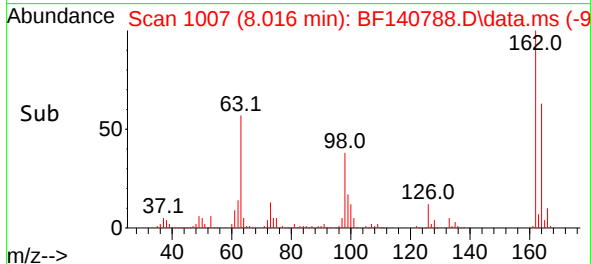
Tgt Ion:162 Resp: 19215
Ion Ratio Lower Upper
162 100
164 62.8 44.8 84.8
98 37.9 21.2 61.2

Manual Integrations

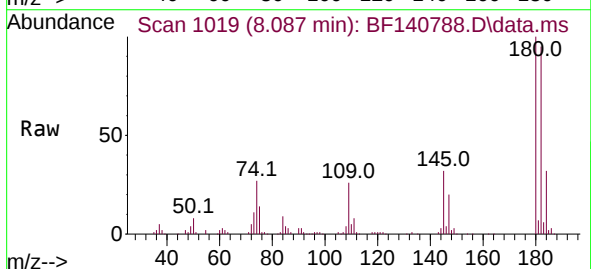
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

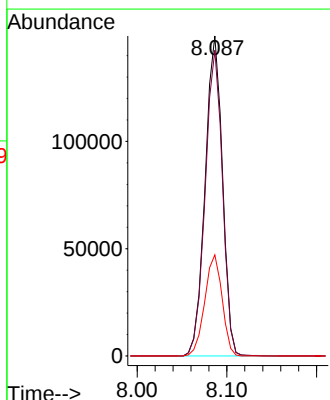
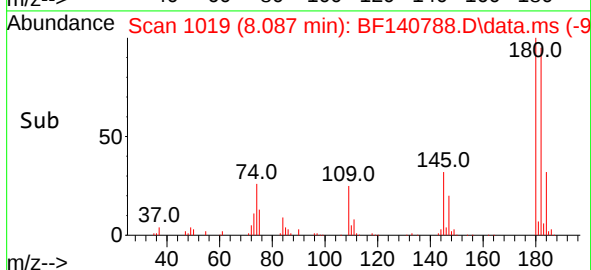
Supervised By :mohammad ahmed 12/12/2024



#30
1,2,4-Trichlorobenzene
Concen: 46.024 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:180 Resp: 200187
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 31.6 25.9 38.9





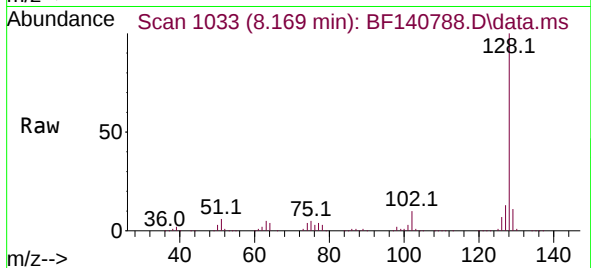
#31
Naphthalene
Concen: 47.717 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



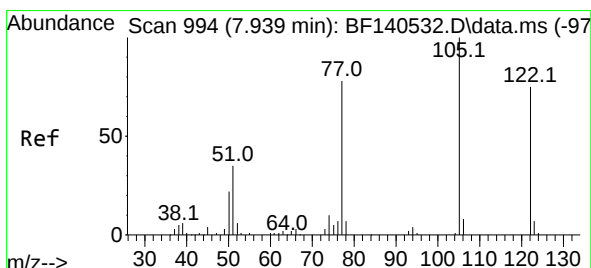
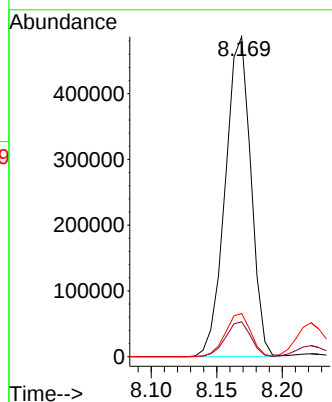
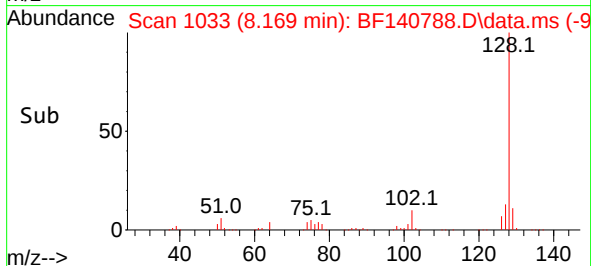
Tgt Ion:128 Resp: 659550
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.8 16.2

Manual Integrations

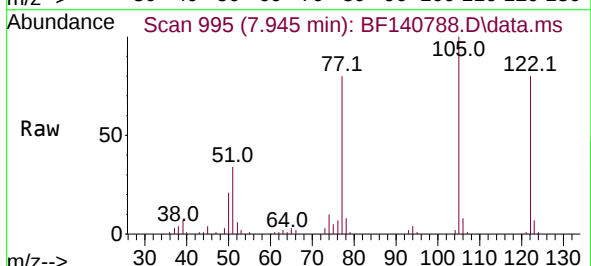
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

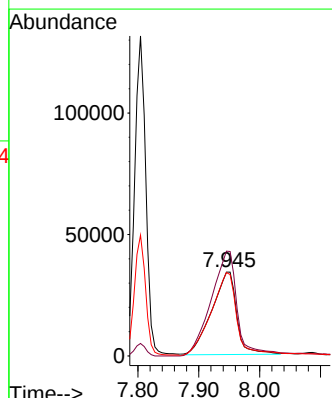
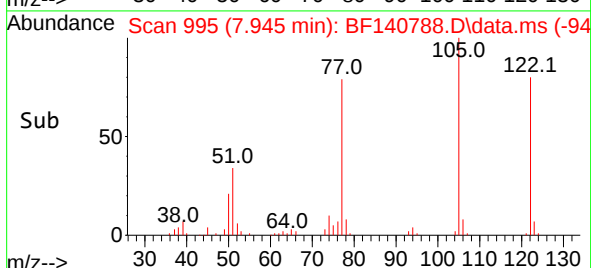
Supervised By :mohammad ahmed 12/12/2024



#32
Benzoic acid
Concen: 40.190 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:122 Resp: 97104
Ion Ratio Lower Upper
122 100
105 125.0 109.3 149.3
77 99.5 82.3 122.3





#33
4-Chloroaniline
Concen: 25.533 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

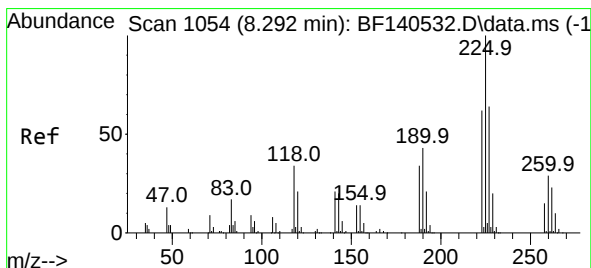
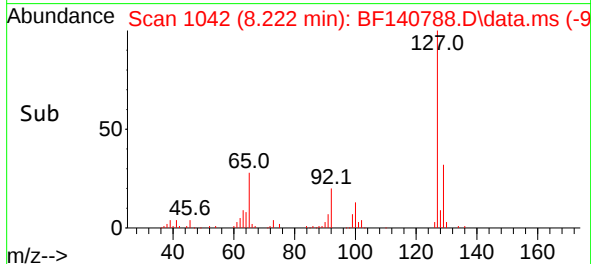
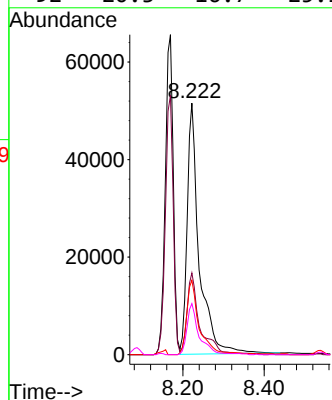
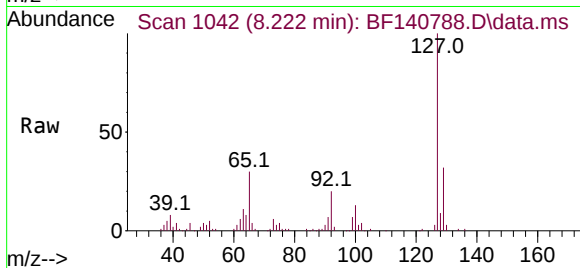
ClientSampleId :

PB165435BS

Tgt Ion:127 Resp: 10566
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 29.6 26.0 39.0
92 20.3 16.7 25.1

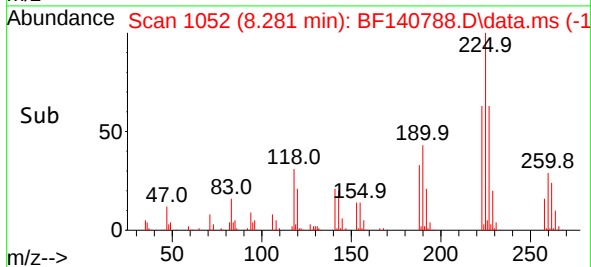
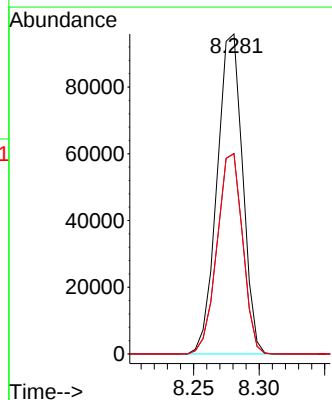
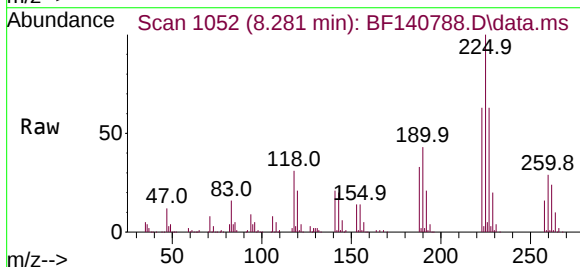
Manual Integrations
APPROVED

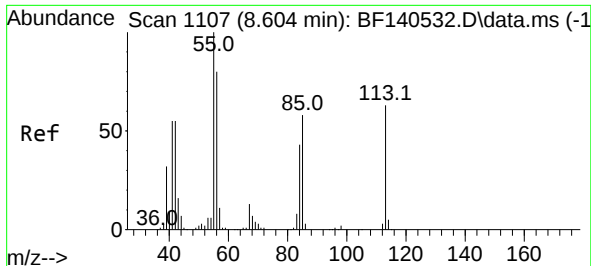
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 45.092 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:225 Resp: 129909
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.8
227 62.5 51.3 76.9





#35
 Caprolactam
 Concen: 50.894 ng m
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

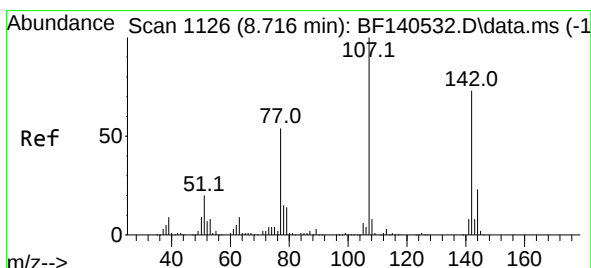
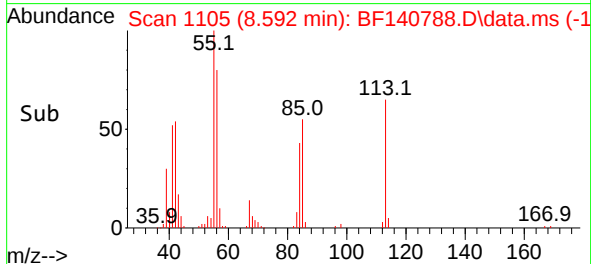
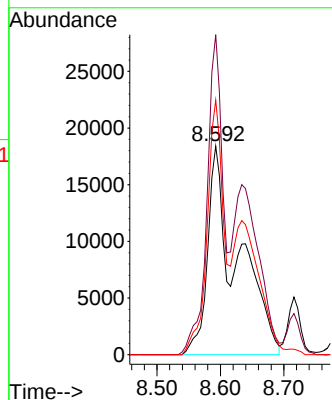
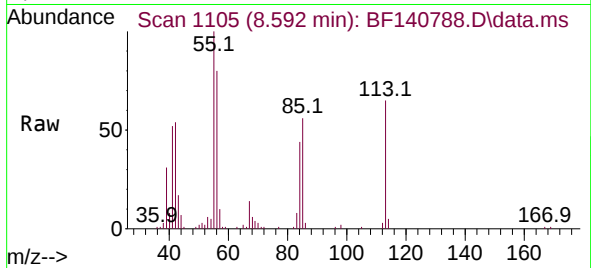
ClientSampleId :

PB165435BS

Tgt Ion:113 Resp: 60000
 Ion Ratio Lower Upper
 113 100
 55 153.4 137.7 177.7
 56 122.0 106.4 146.4

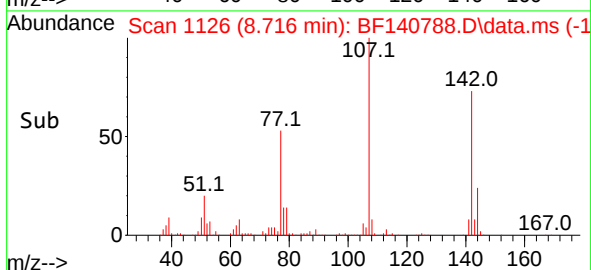
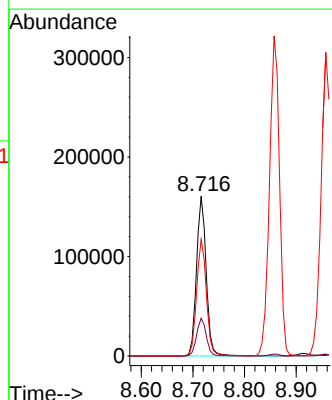
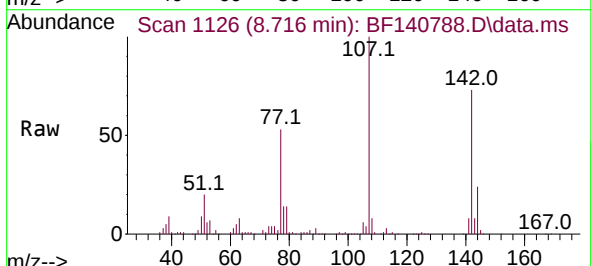
Manual Integrations
 APPROVED

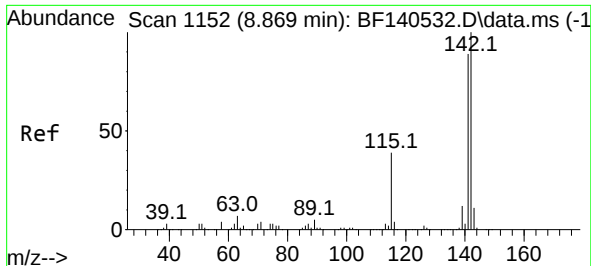
Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024



#36
 4-Chloro-3-methylphenol
 Concen: 49.149 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Tgt Ion:107 Resp: 209630
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.7 28.1
 142 72.9 58.3 87.5





#37
2-Methylnaphthalene
Concen: 49.452 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

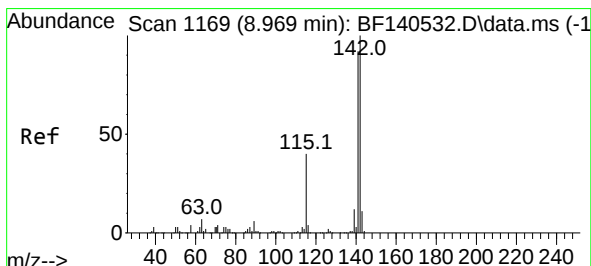
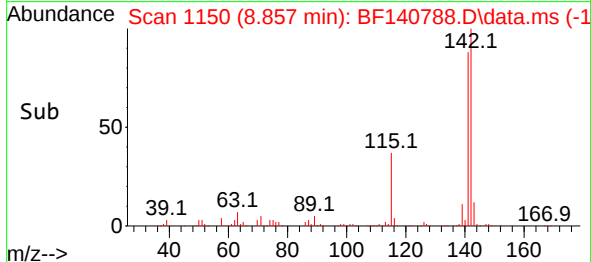
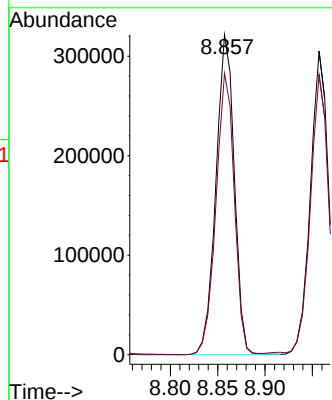
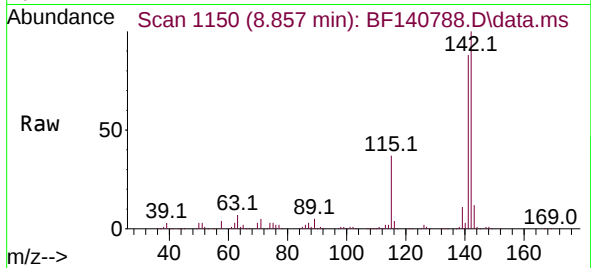
PB165435BS

Tgt Ion:142 Resp: 43414
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6

Manual Integrations

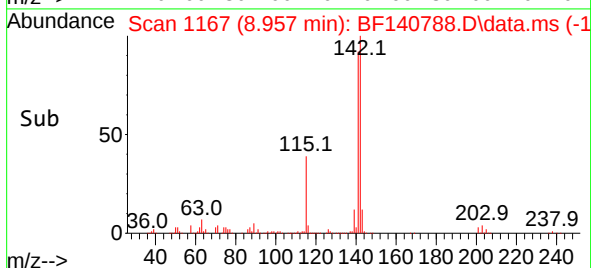
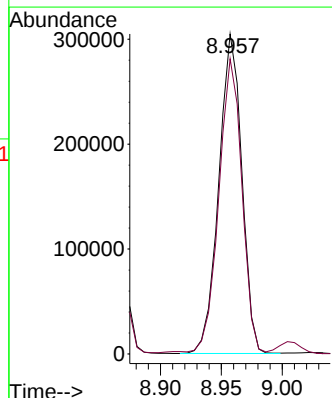
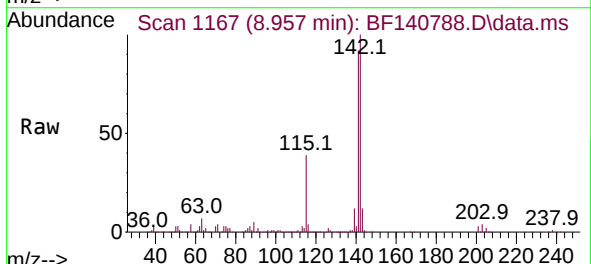
APPROVED

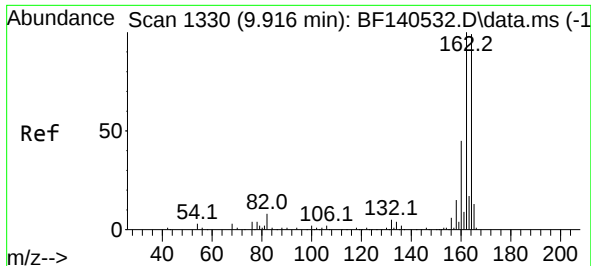
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#38
1-Methylnaphthalene
Concen: 46.610 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:142 Resp: 401097
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9





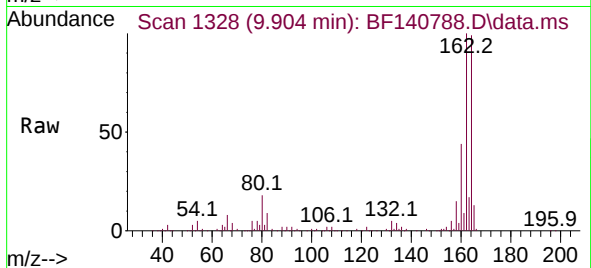
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

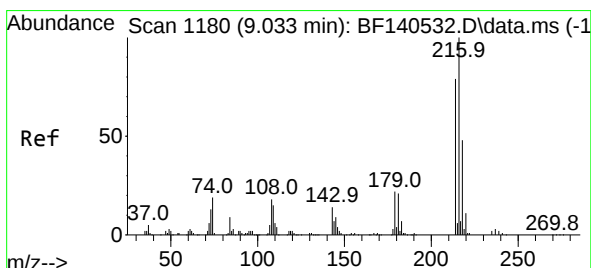
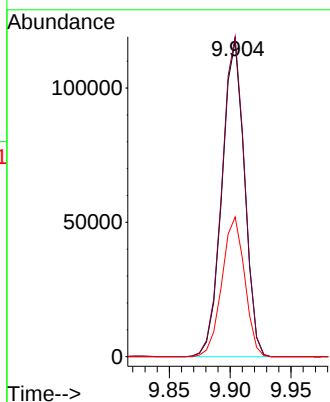
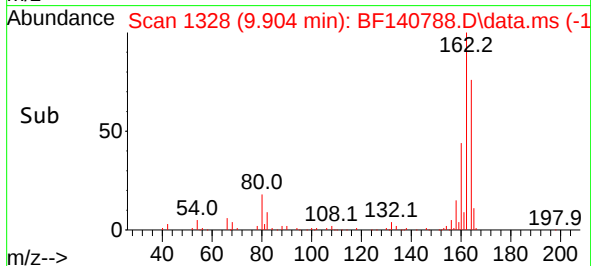
PB165435BS



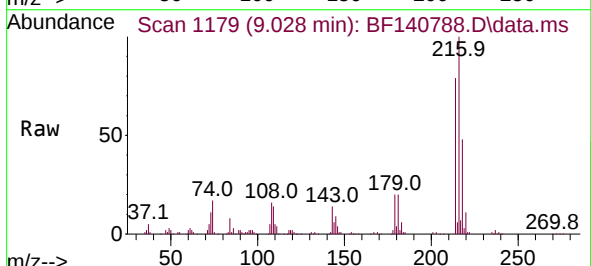
Tgt Ion:164 Resp: 151024
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.2 36.2 54.4

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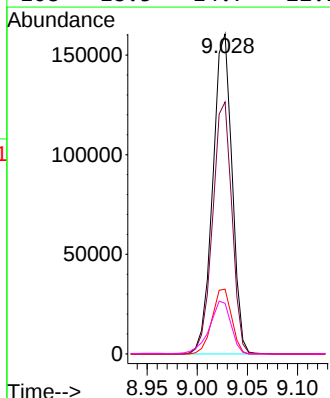
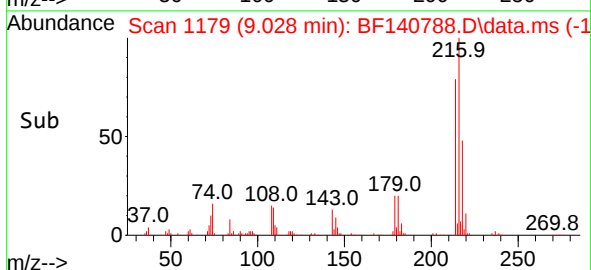
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.323 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



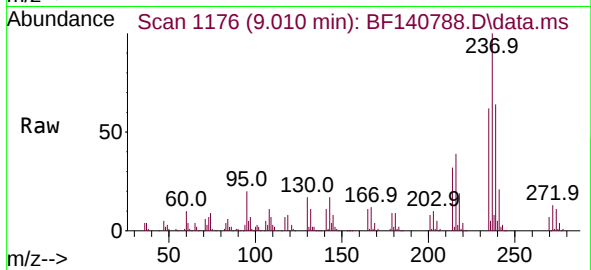
Tgt Ion:216 Resp: 213649
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 20.5 17.5 26.3
108 18.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 119.792 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

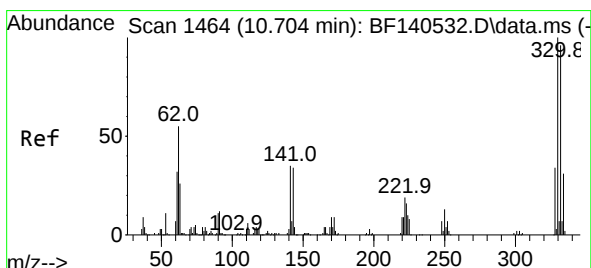
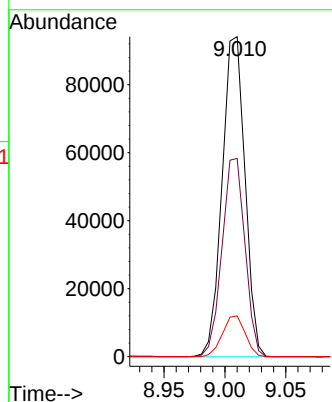
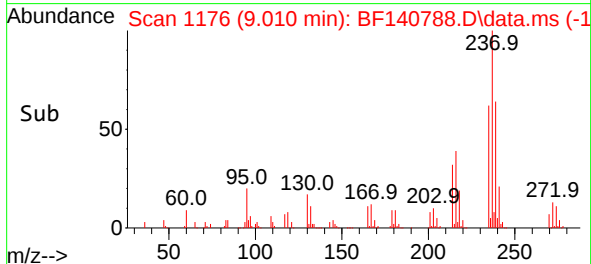
Instrument :
BNA_F
ClientSampleId :
PB165435BS



Tgt Ion:237 Resp: 123015
Ion Ratio Lower Upper
237 100
235 61.9 41.1 81.1
272 12.7 0.0 32.6

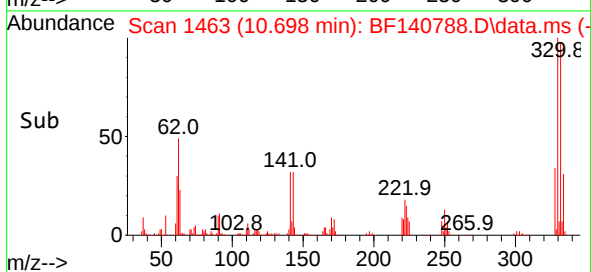
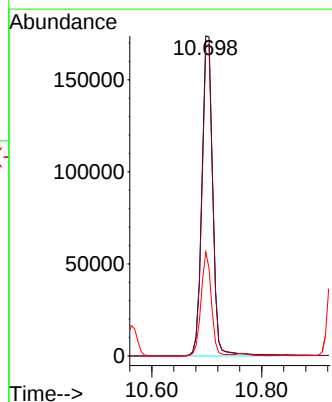
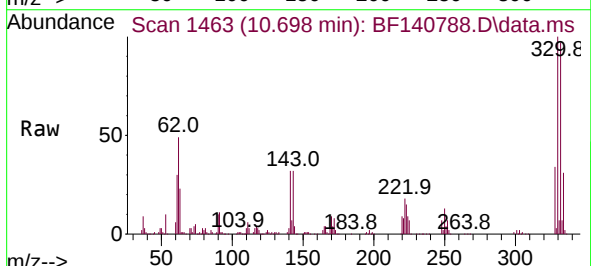
Manual Integrations
APPROVED

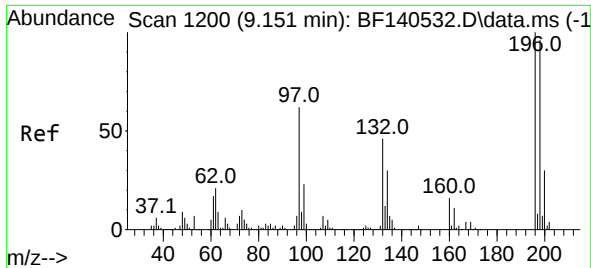
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 148.039 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:330 Resp: 239114
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 30.9 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 47.005 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

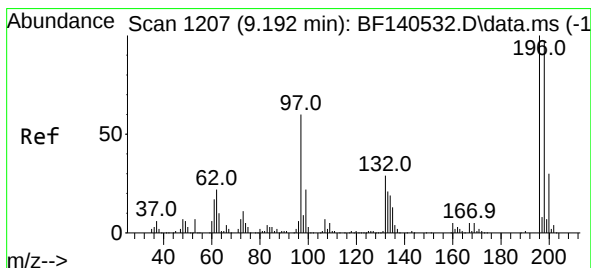
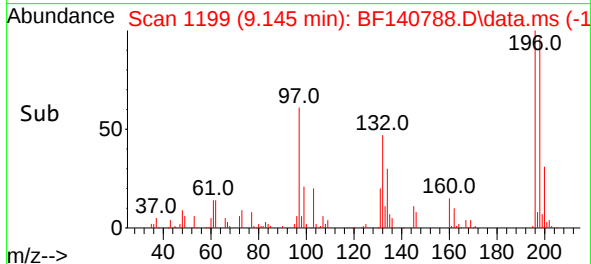
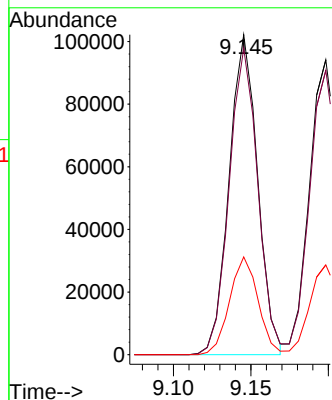
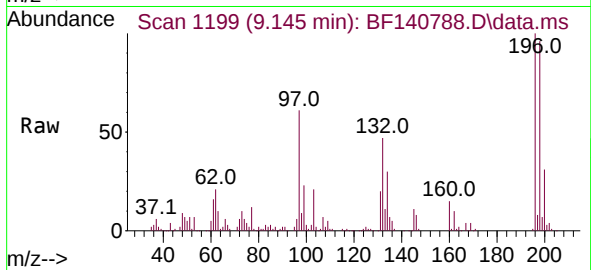
ClientSampleId :

PB165435BS

Tgt Ion:196 Resp: 130404
Ion Ratio Lower Upper
196 100
198 95.8 76.8 115.2
200 30.5 24.3 36.5

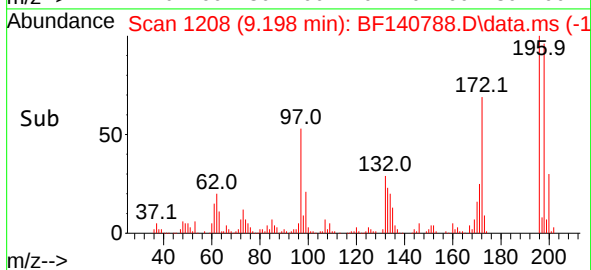
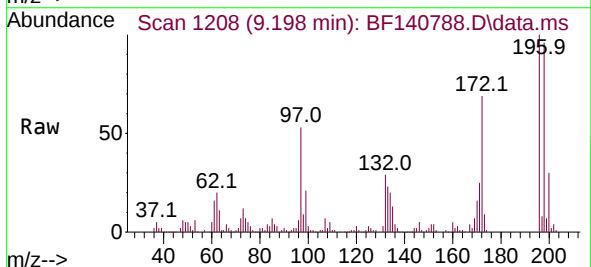
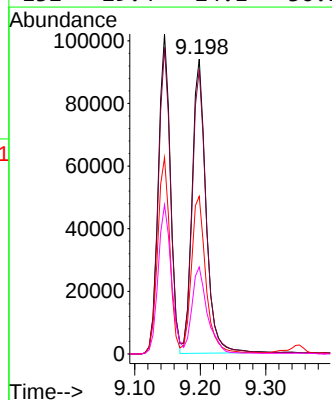
Manual Integrations
APPROVED

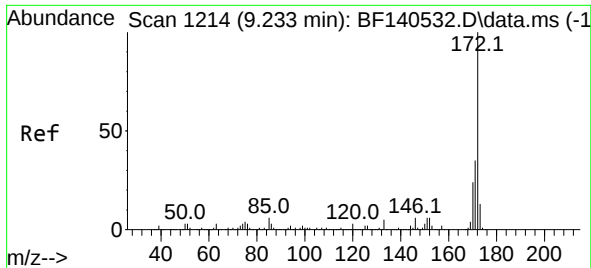
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#44
2,4,5-Trichlorophenol
Concen: 46.081 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:196 Resp: 138745
Ion Ratio Lower Upper
196 100
198 96.4 77.2 115.8
97 53.4 47.1 70.7
132 29.4 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 97.187 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

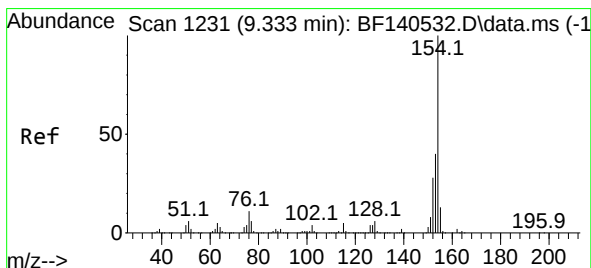
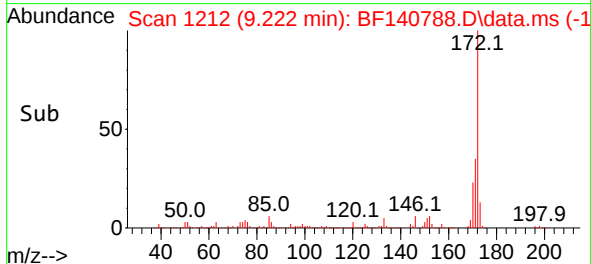
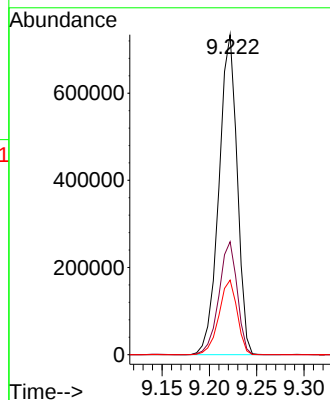
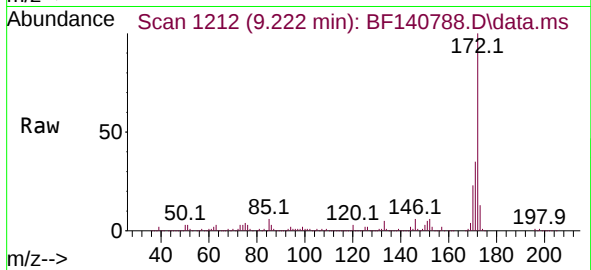
ClientSampleId :

PB165435BS

Tgt Ion:172 Resp: 98510
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.3 19.0 28.6

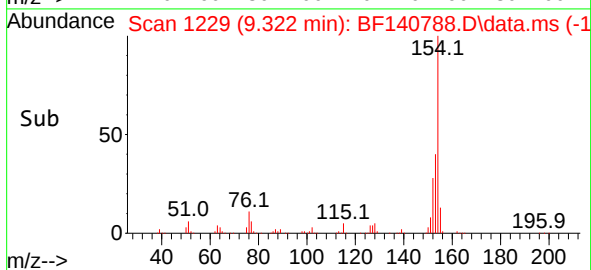
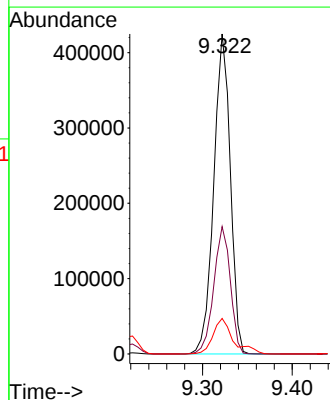
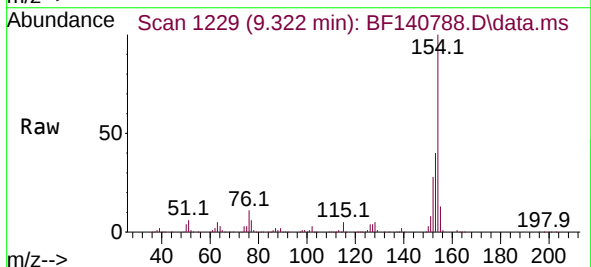
Manual Integrations
APPROVED

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



#46
1,1'-Biphenyl
Concen: 48.300 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:154 Resp: 544616
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 47.152 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

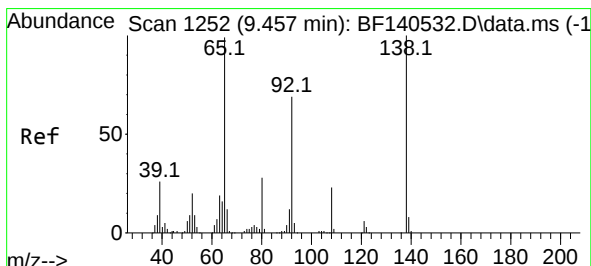
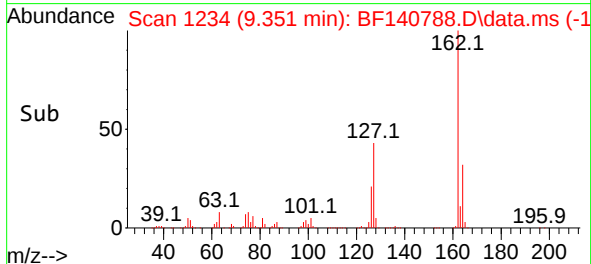
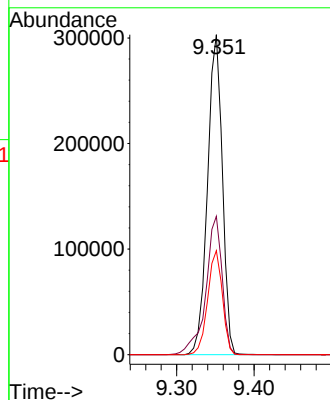
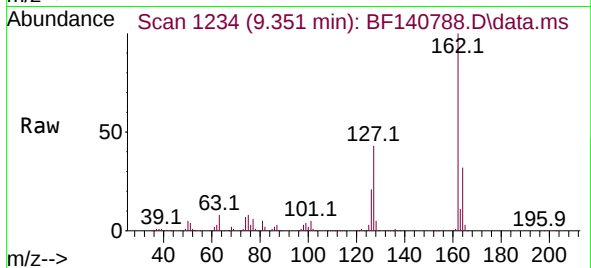
Tgt Ion:162 Resp: 402850
 Ion Ratio Lower Upper
 162 100
 127 43.2 35.7 53.5
 164 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 48.664 ng

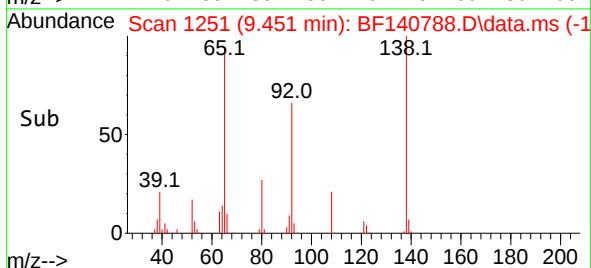
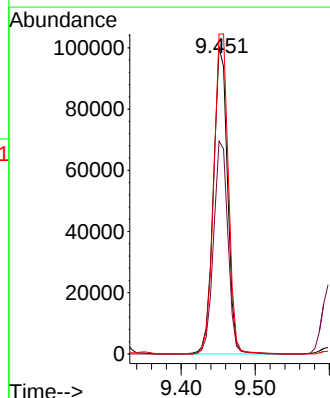
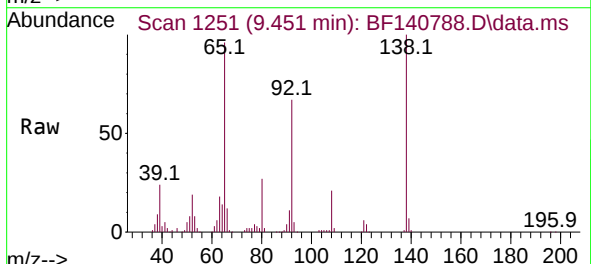
RT: 9.451 min Scan# 1251

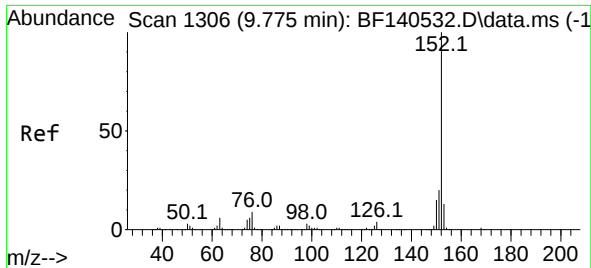
Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Tgt Ion: 65 Resp: 133454
 Ion Ratio Lower Upper
 65 100
 92 69.4 56.1 84.1
 138 104.3 81.0 121.6





#49
Acenaphthylene
Concen: 51.755 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

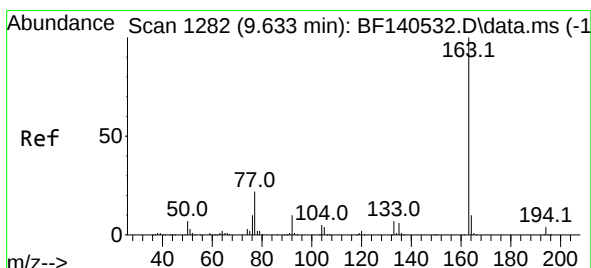
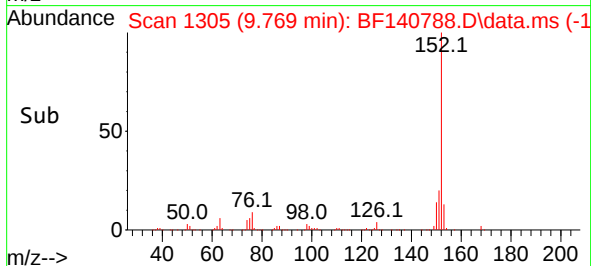
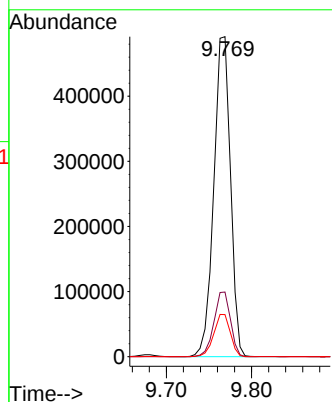
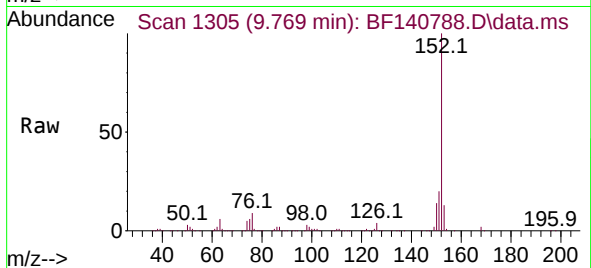
ClientSampleId :

PB165435BS

Tgt Ion:152 Resp: 66810
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.1 10.6 16.0

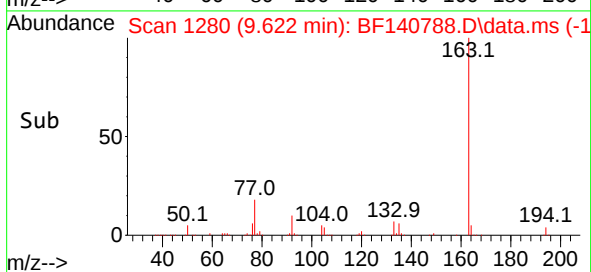
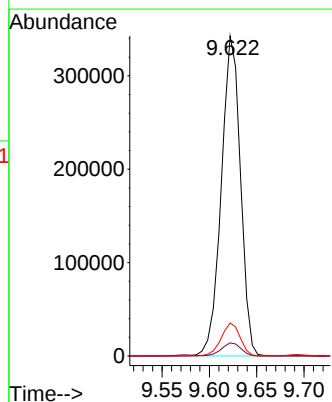
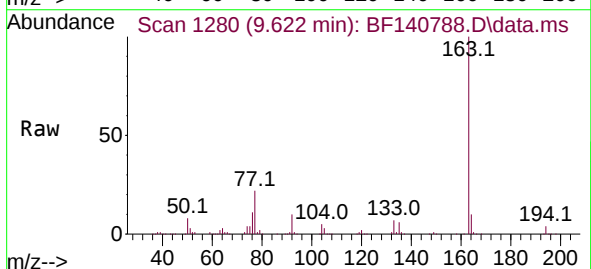
Manual Integrations
APPROVED

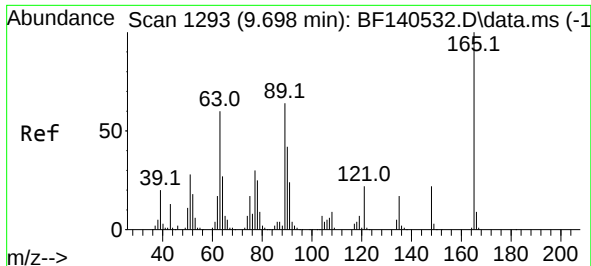
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#50
Dimethylphthalate
Concen: 48.522 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:163 Resp: 482619
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.097 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

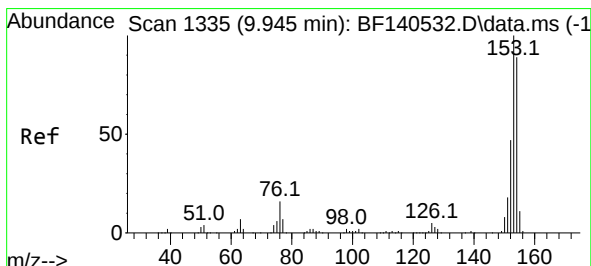
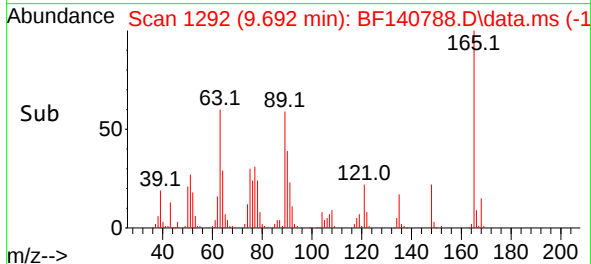
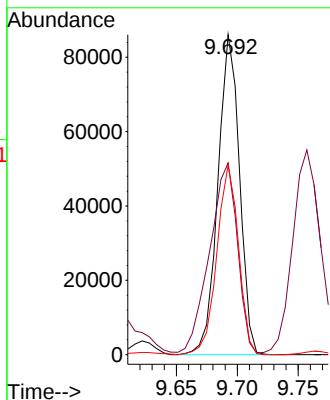
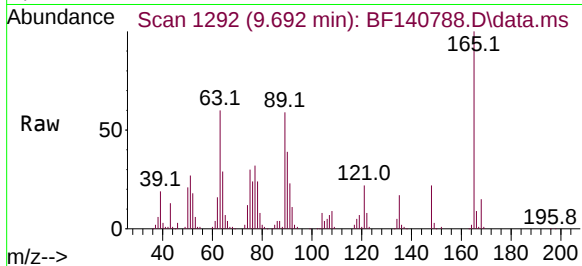
ClientSampleId :

PB165435BS

Tgt Ion:165 Resp: 106240
Ion Ratio Lower Upper
165 100
63 59.9 49.9 74.9
89 59.3 50.9 76.3

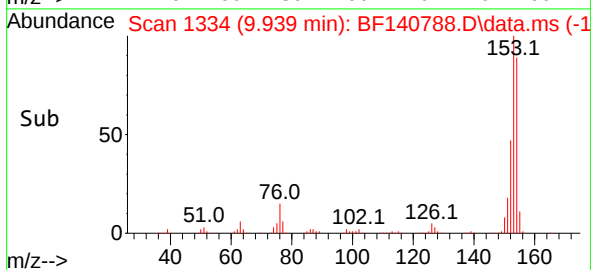
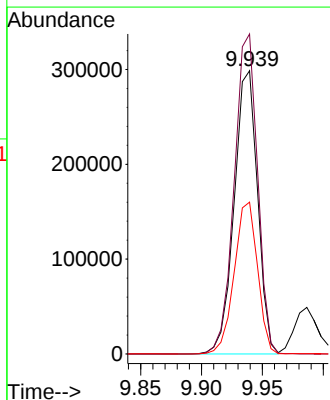
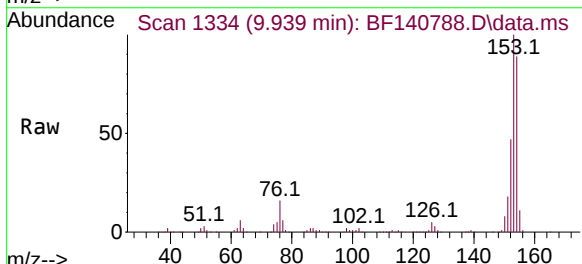
Manual Integrations
APPROVED

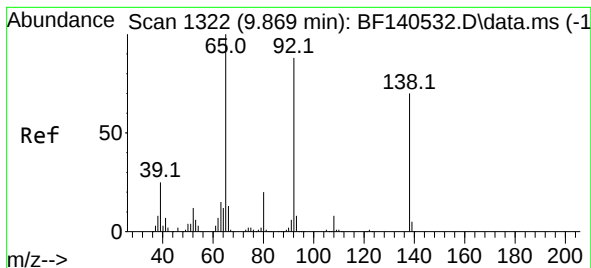
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#52
Acenaphthene
Concen: 48.670 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:154 Resp: 399206
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 53.6 42.5 63.7





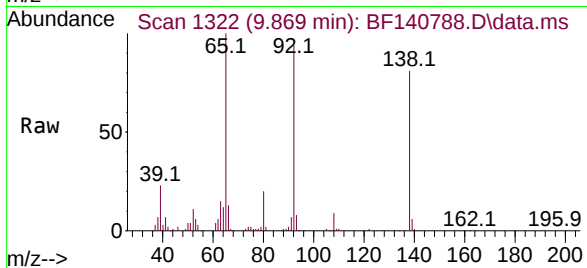
#53
3-Nitroaniline
Concen: 32.206 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

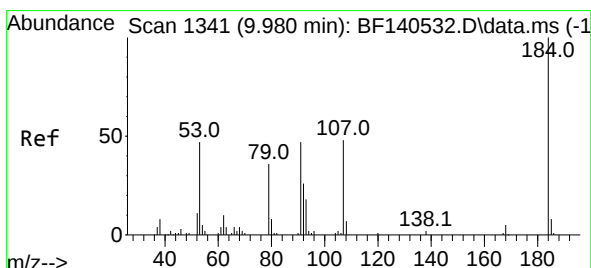
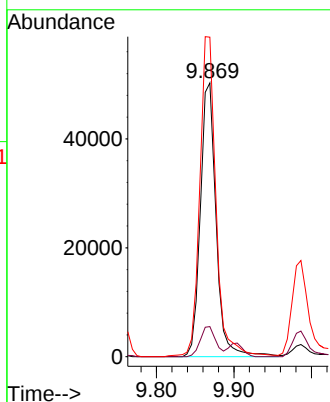
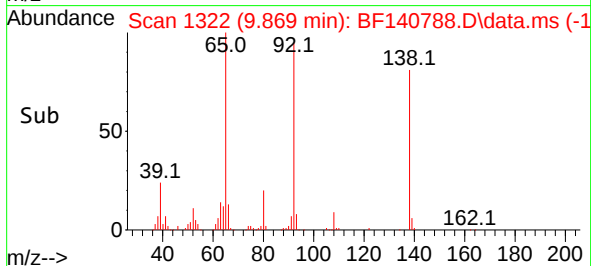


Tgt Ion:138 Resp: 7105
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 116.7 100.6 150.8

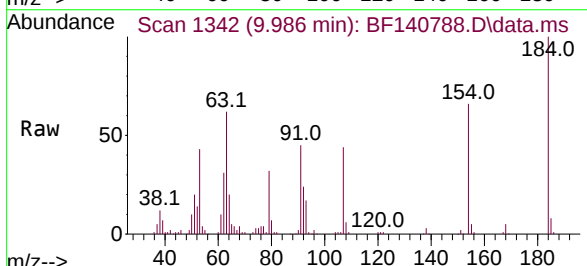
Manual Integrations

APPROVED

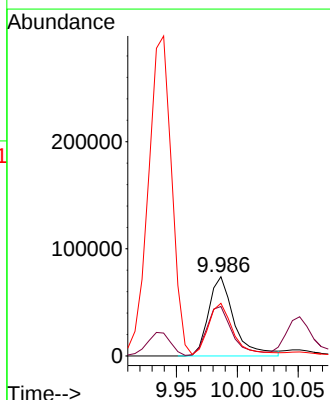
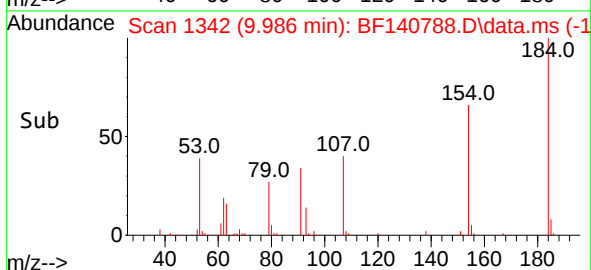
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

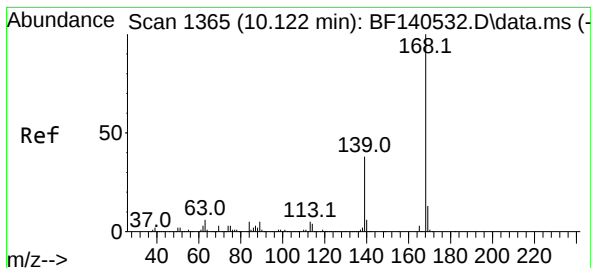


#54
2,4-Dinitrophenol
Concen: 91.056 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



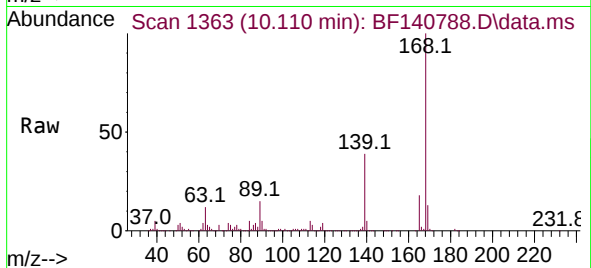
Tgt Ion:184 Resp: 107779
Ion Ratio Lower Upper
184 100
63 62.5 54.1 81.1
154 66.4 57.4 86.0





#55
Dibenzenofuran
Concen: 48.690 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

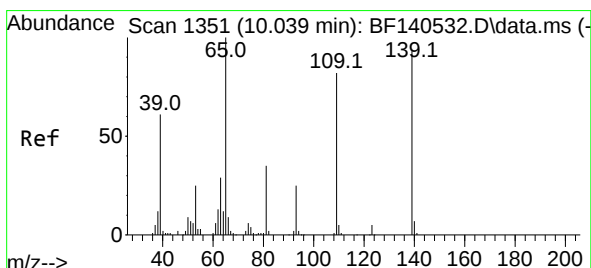
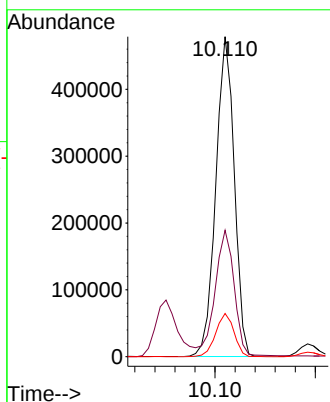
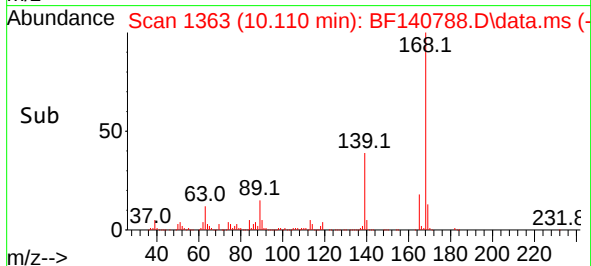
Instrument :
BNA_F
ClientSampleId :
PB165435BS



Tgt Ion:168 Resp: 60917
Ion Ratio Lower Upper
168 100
139 39.5 31.3 46.9
169 13.5 10.5 15.7

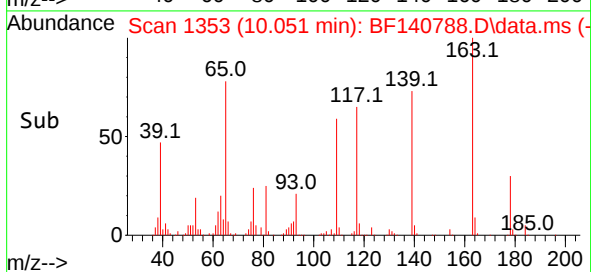
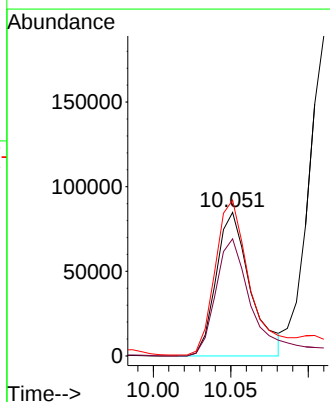
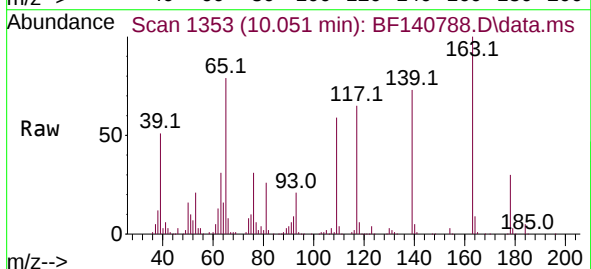
Manual Integrations
APPROVED

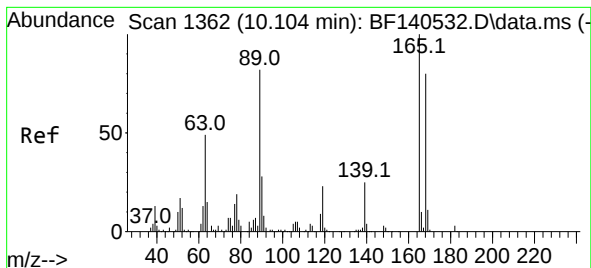
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#56
4-Nitrophenol
Concen: 86.100 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:139 Resp: 129552
Ion Ratio Lower Upper
139 100
109 81.6 68.4 108.4
65 108.6 88.6 128.6





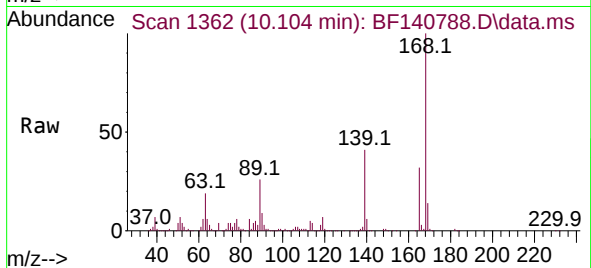
#57
2,4-Dinitrotoluene
Concen: 48.389 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

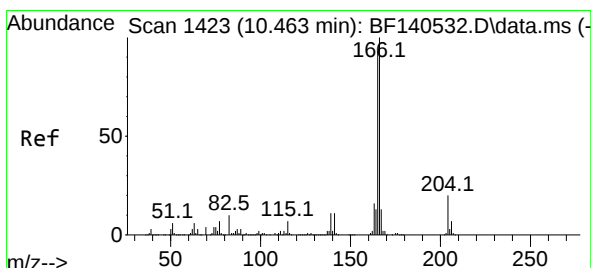
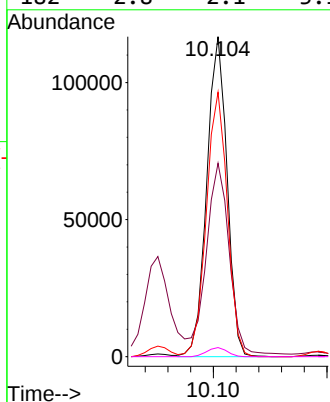
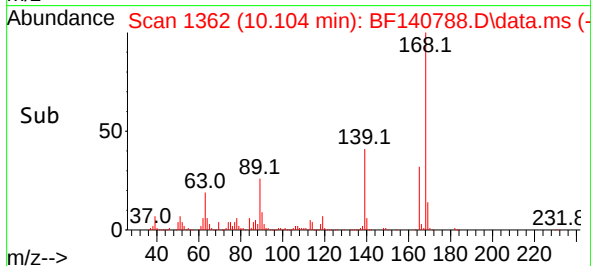


Tgt Ion:165 Resp: 145072
Ion Ratio Lower Upper
165 100
63 60.5 41.7 62.5
89 82.7 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations

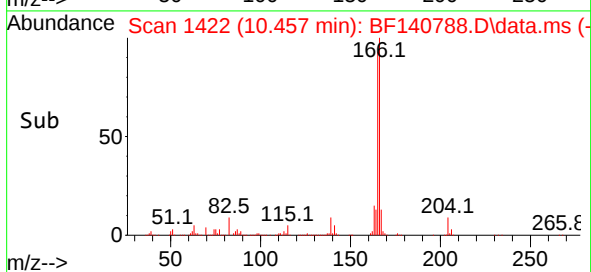
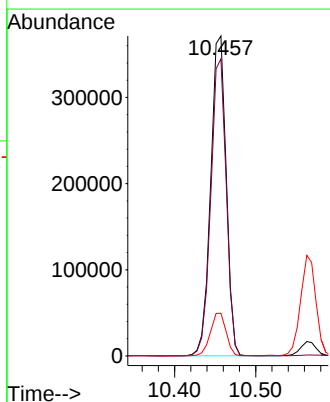
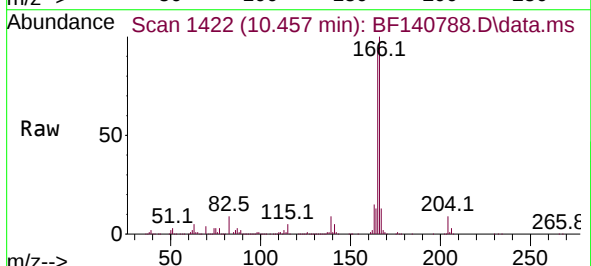
APPROVED

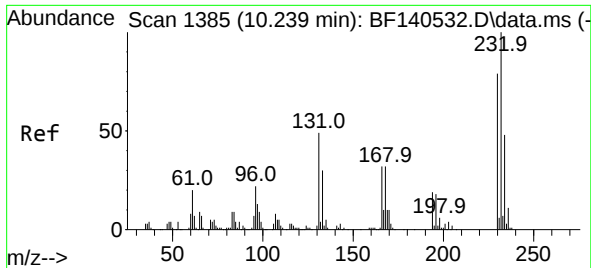
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#58
Fluorene
Concen: 48.980 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

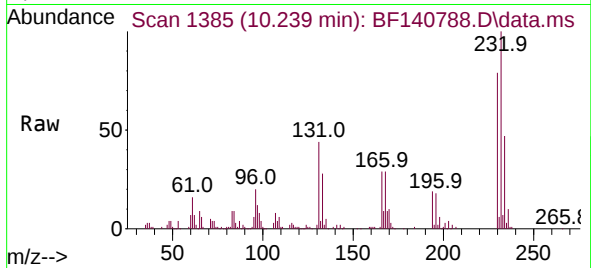
Tgt Ion:166 Resp: 491872
Ion Ratio Lower Upper
166 100
165 92.9 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.946 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

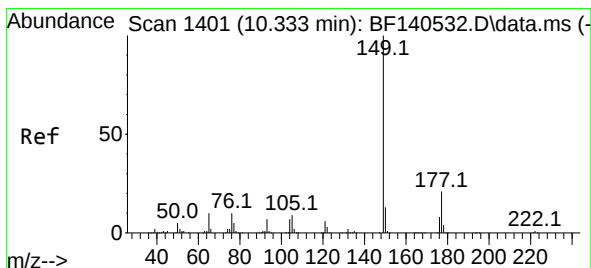
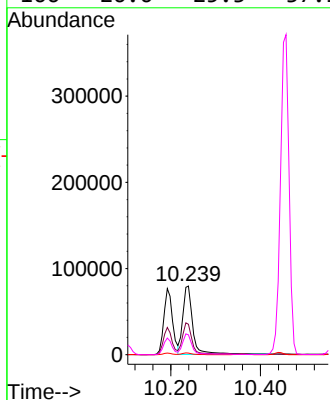
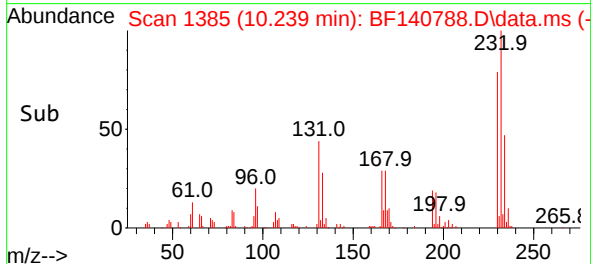
Instrument :
BNA_F
ClientSampleId :
PB165435BS



Tgt Ion:232 Resp: 122510
Ion Ratio Lower Upper
232 100
131 42.6 39.6 59.4
130 2.5 1.9 2.9
166 26.6 25.3 37.9

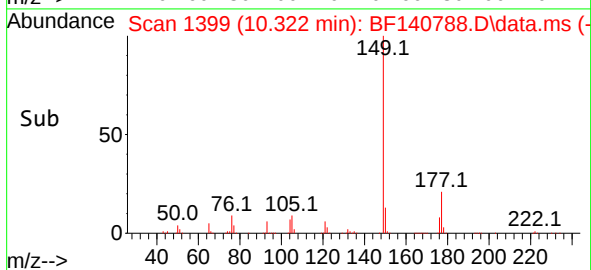
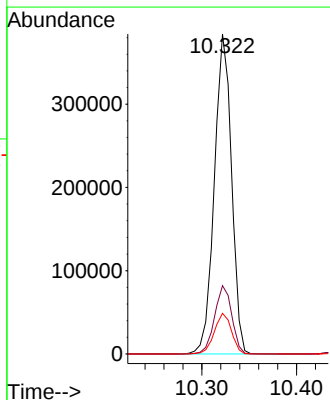
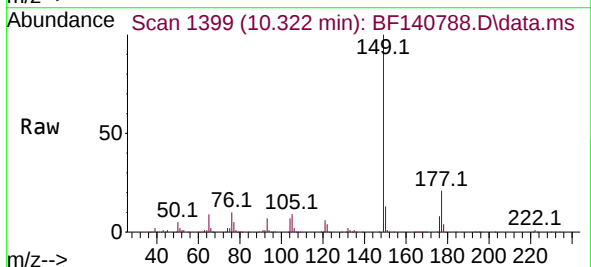
Manual Integrations
APPROVED

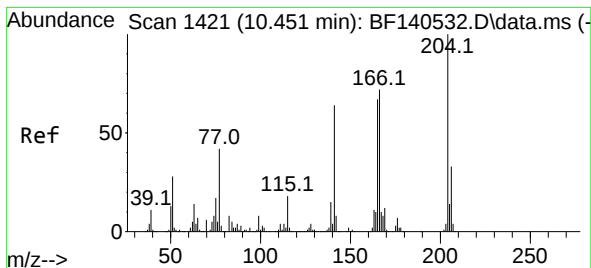
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#60
Diethylphthalate
Concen: 47.928 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

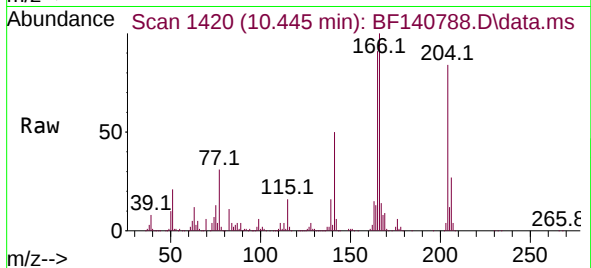
Tgt Ion:149 Resp: 484343
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.669 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

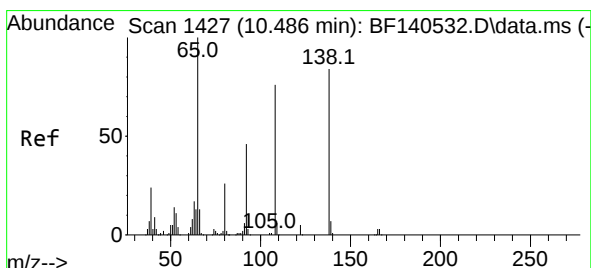
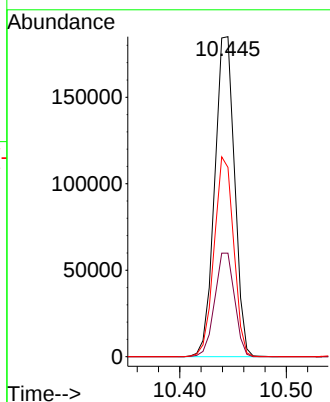
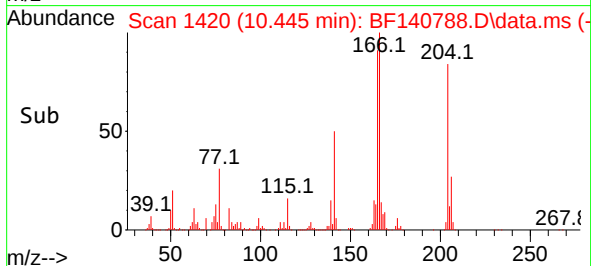
Instrument :
BNA_F
ClientSampleId :
PB165435BS



Tgt Ion:204 Resp: 239850
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 59.1 51.1 76.7

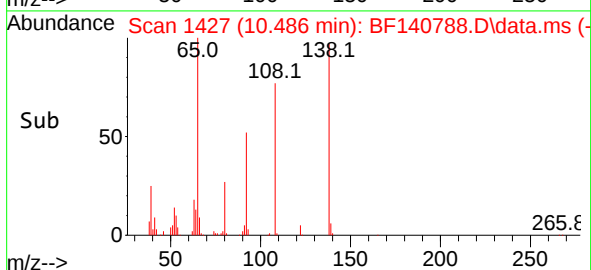
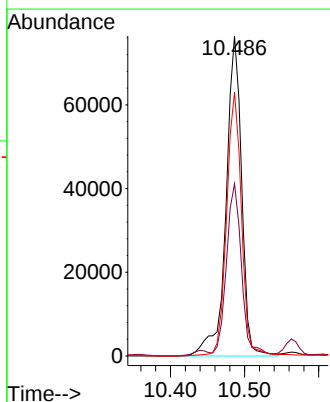
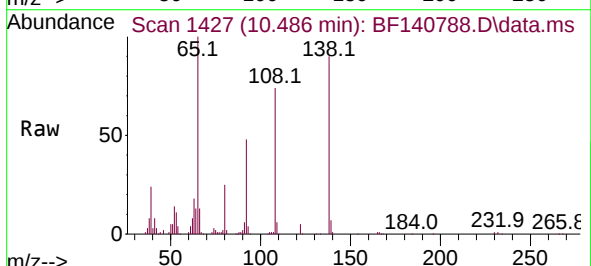
Manual Integrations
APPROVED

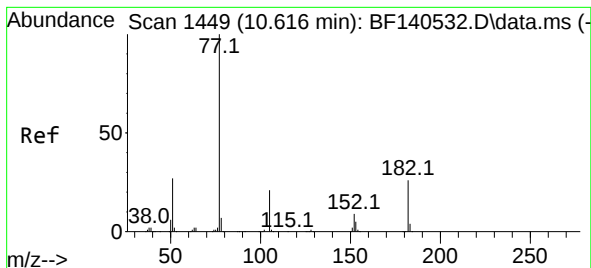
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 48.276 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:138 Resp: 111708
Ion Ratio Lower Upper
138 100
92 53.8 34.5 74.5
108 82.5 70.6 110.6





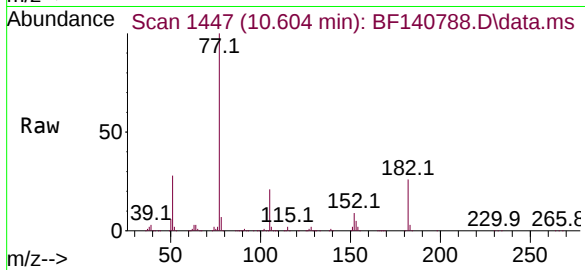
#63
Azobenzene
Concen: 47.612 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



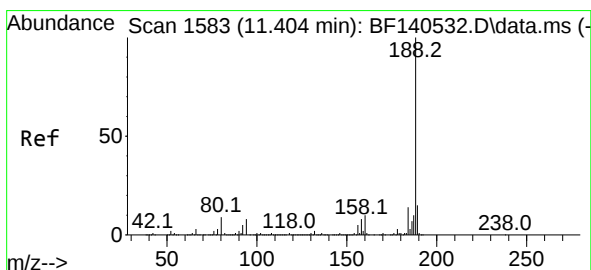
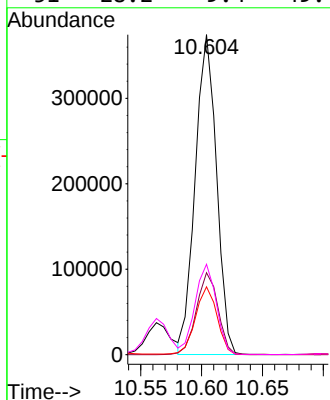
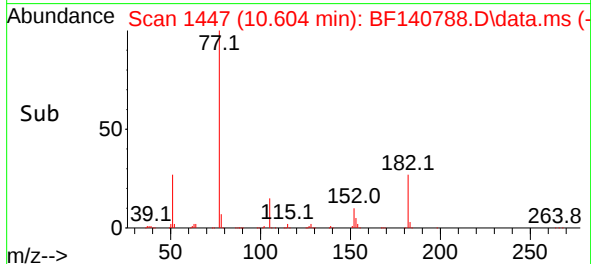
Tgt Ion: 77 Resp: 455652
Ion Ratio Lower Upper
77 100
182 25.6 5.3 45.3
105 21.2 0.3 40.3
51 28.2 9.4 49.4

Manual Integrations

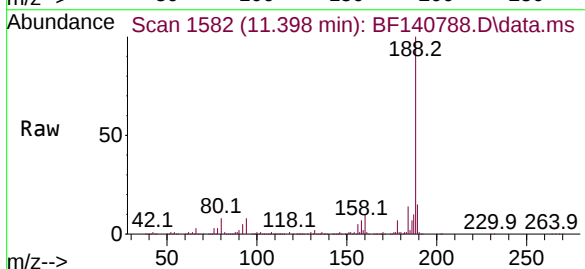
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

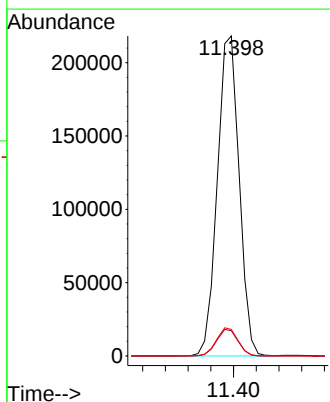
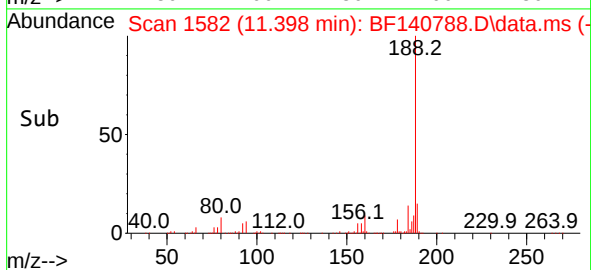
Supervised By :mohammad ahmed 12/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:188 Resp: 291303
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.3 6.9 10.3





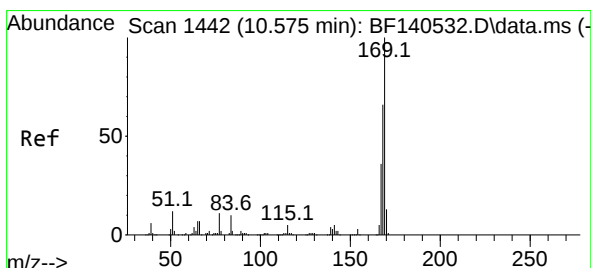
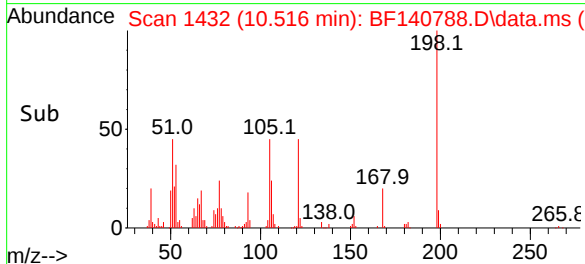
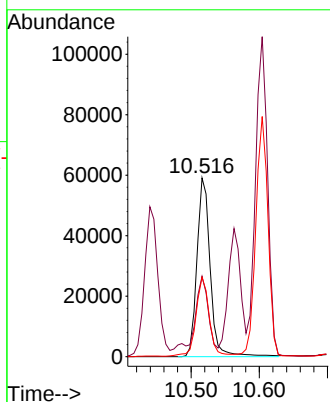
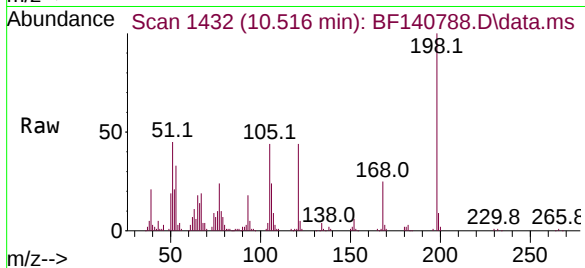
#65
4,6-Dinitro-2-methylphenol
Concen: 53.756 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :
BNA_F
ClientSampleId :
PB165435BS

Tgt Ion:198 Resp: 80019
Ion Ratio Lower Upper
198 100
51 44.9 29.4 69.4
105 44.4 25.4 65.4

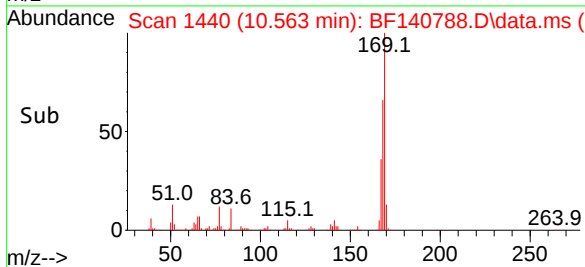
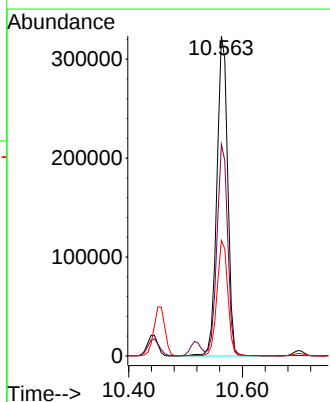
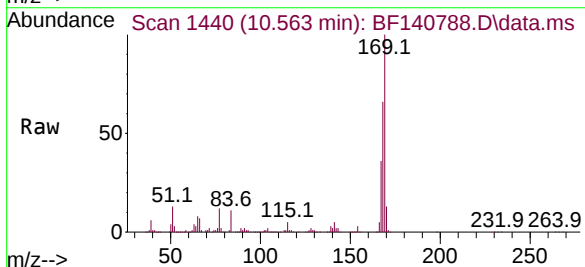
Manual Integrations
APPROVED

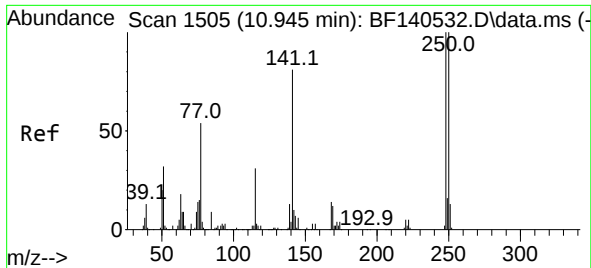
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 49.390 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

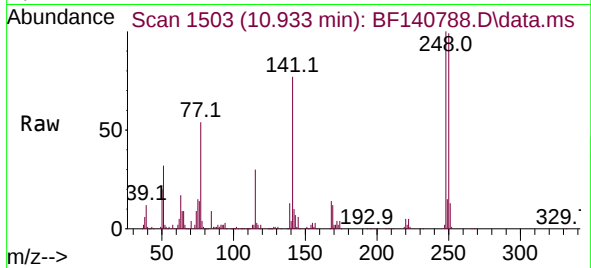
Tgt Ion:169 Resp: 425471
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.145 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

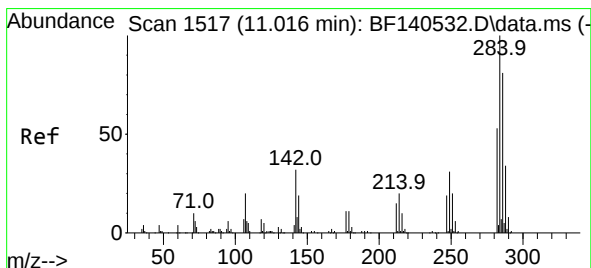
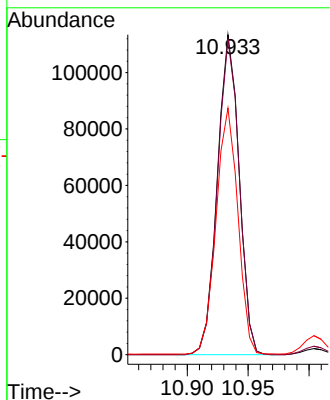
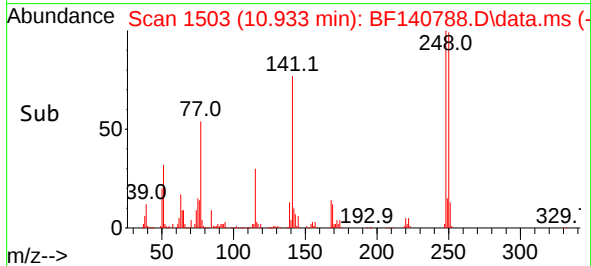
Instrument :
BNA_F
ClientSampleId :
PB165435BS



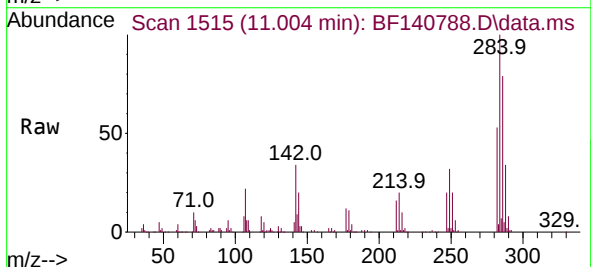
Tgt Ion:248 Resp: 141435
Ion Ratio Lower Upper
248 100
250 98.5 79.8 119.8
141 77.1 64.7 97.1

Manual Integrations
APPROVED

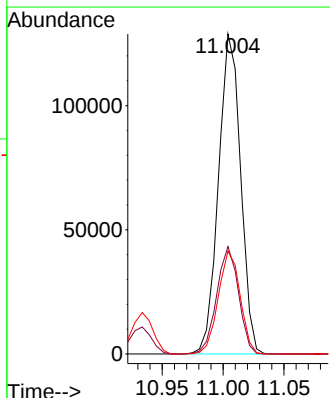
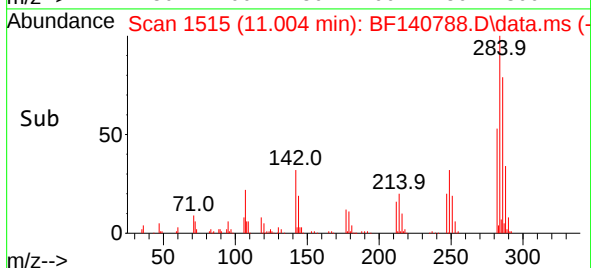
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

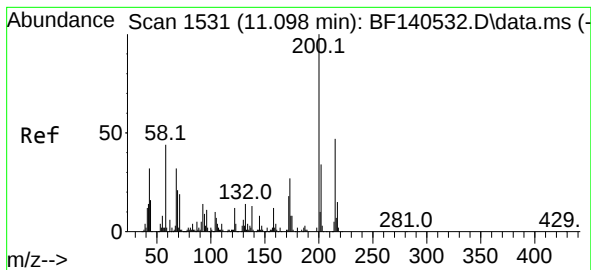


#68
Hexachlorobenzene
Concen: 46.840 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:284 Resp: 162708
Ion Ratio Lower Upper
284 100
142 33.5 25.3 37.9
249 32.1 24.8 37.2





#69

Atrazine

Concen: 55.886 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

Tgt Ion:200 Resp: 135438

Ion Ratio Lower Upper

200 100

173 26.7 7.0 47.0

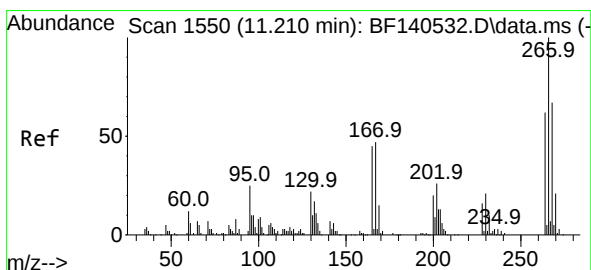
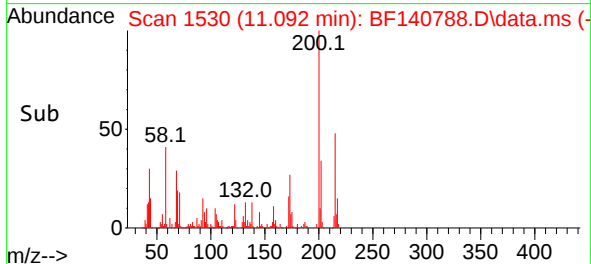
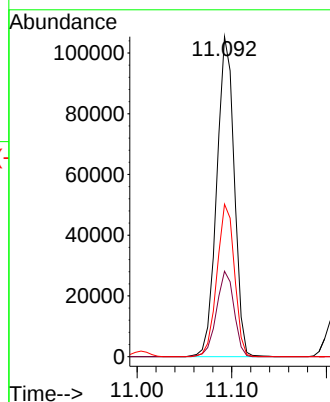
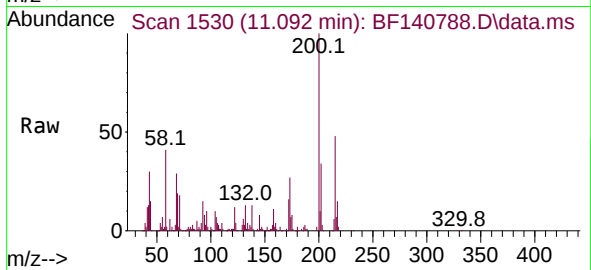
215 47.7 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 81.477 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

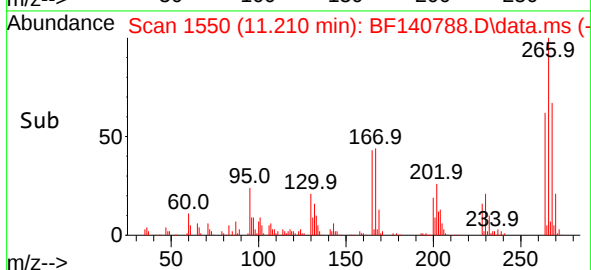
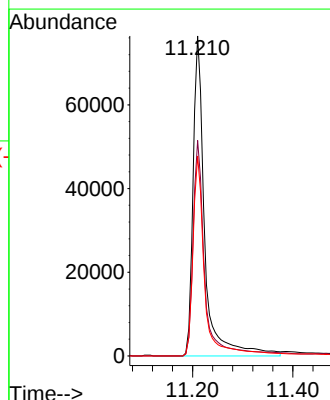
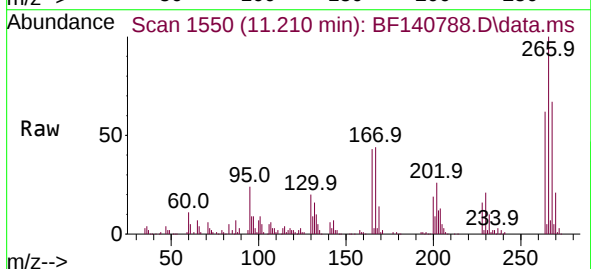
Tgt Ion:266 Resp: 124566

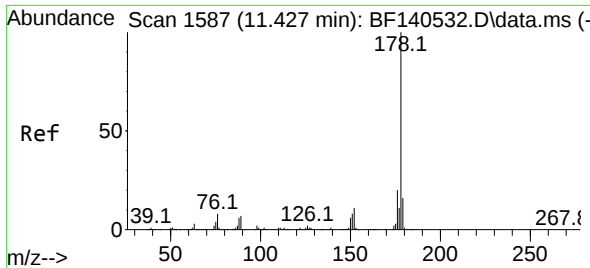
Ion Ratio Lower Upper

266 100

268 67.3 53.7 80.5

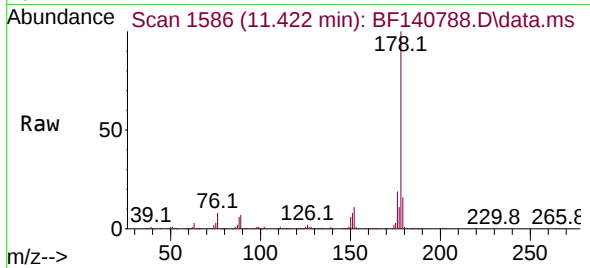
264 62.5 49.8 74.8





#71
Phenanthrene
Concen: 50.144 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

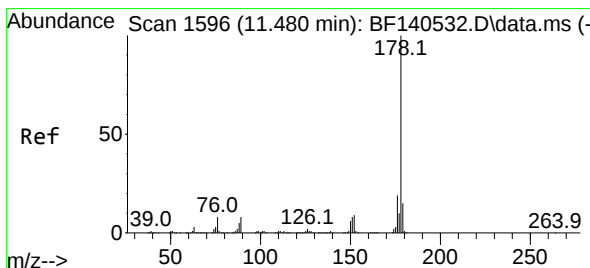
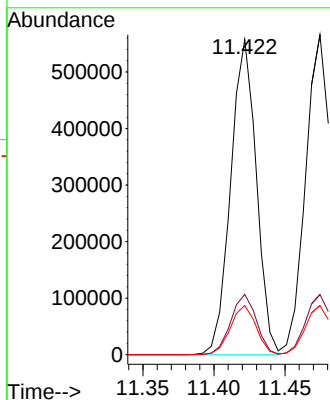
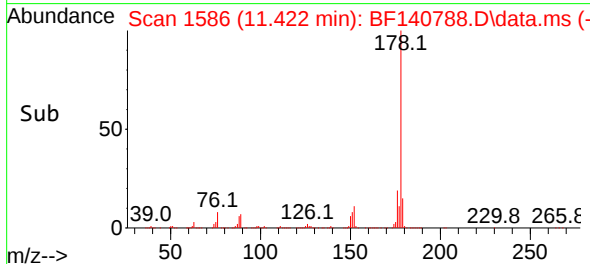
Instrument :
BNA_F
ClientSampleId :
PB165435BS



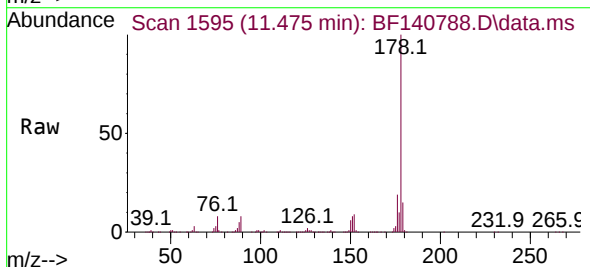
Tgt Ion:178 Resp: 702145
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.6 12.4 18.6

Manual Integrations
APPROVED

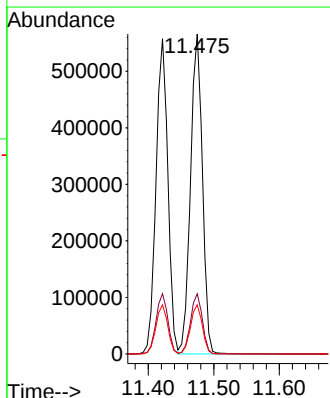
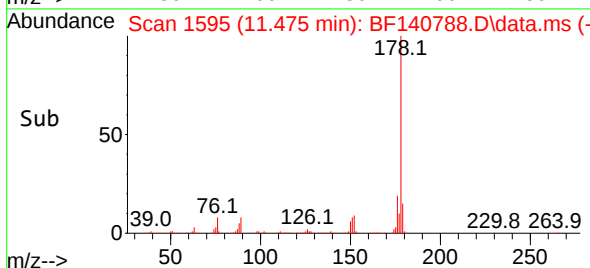
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

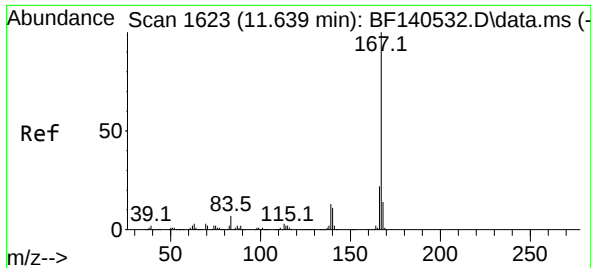


#72
Anthracene
Concen: 52.114 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



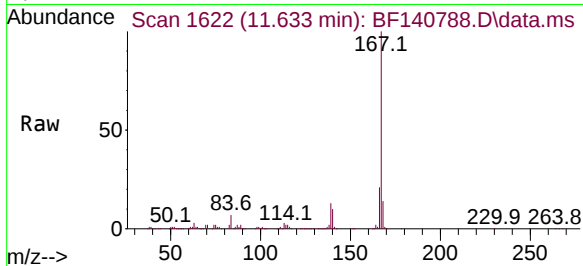
Tgt Ion:178 Resp: 713823
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.4





#73
Carbazole
Concen: 50.213 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

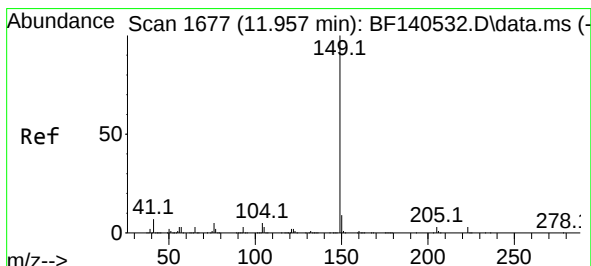
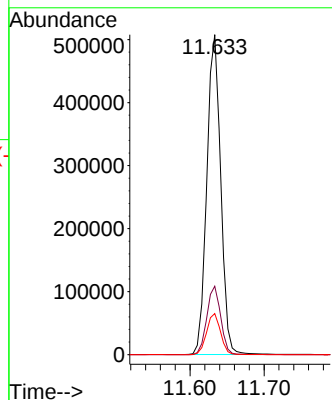
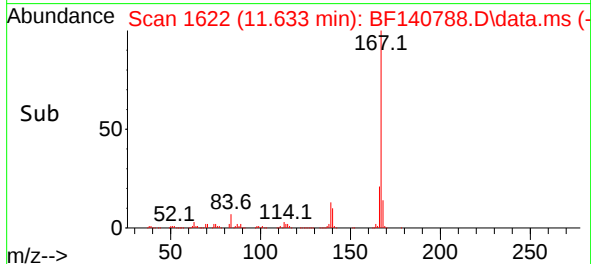
Instrument :
BNA_F
ClientSampleId :
PB165435BS



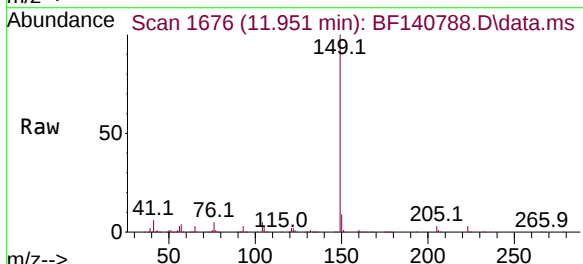
Tgt Ion:167 Resp: 661640
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.9 10.6 15.8

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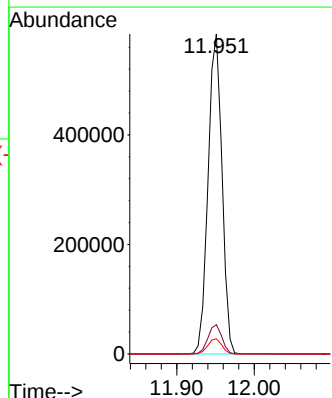
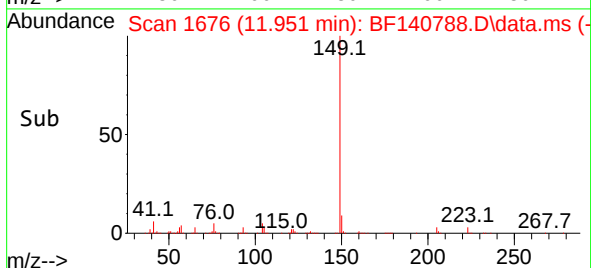
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

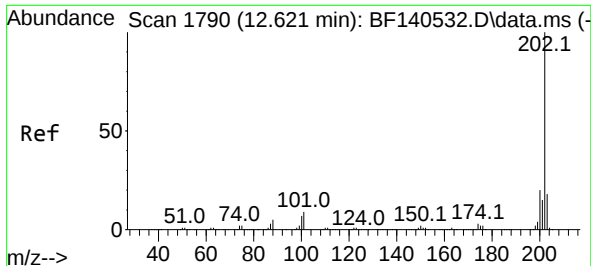


#74
Di-n-butylphthalate
Concen: 47.754 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:149 Resp: 726470
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.8 4.1 6.1





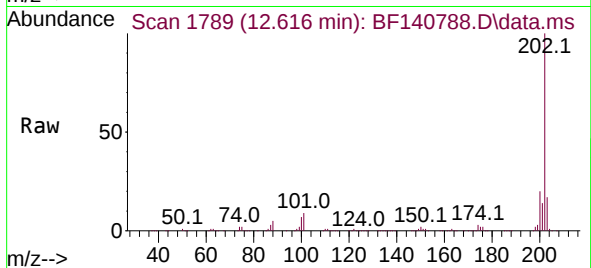
#75
Fluoranthene
Concen: 51.293 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



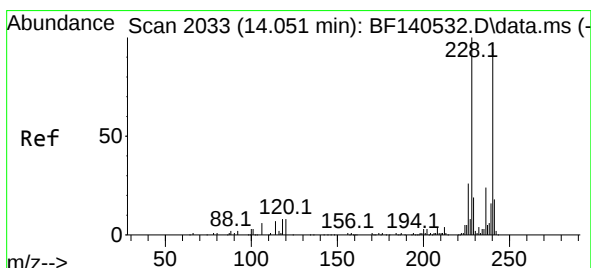
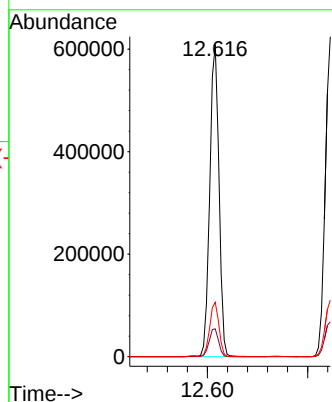
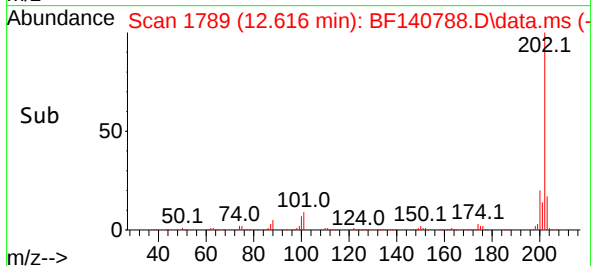
Tgt Ion:202 Resp: 779823
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.4 0.0 37.6

Manual Integrations

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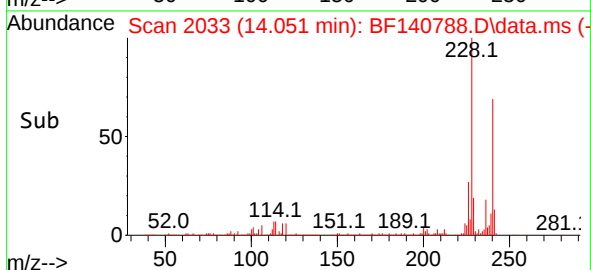
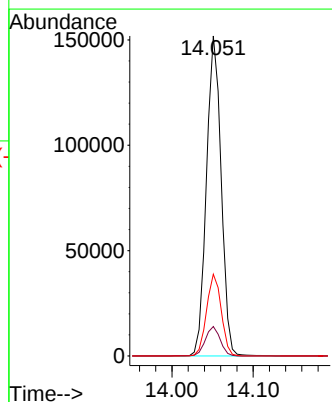
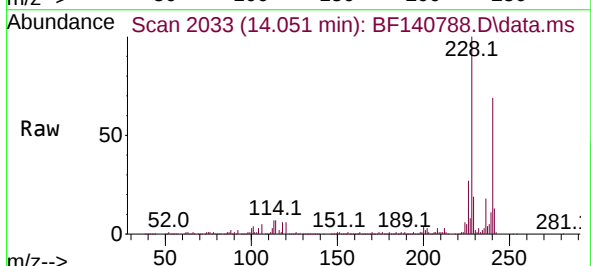
Reviewed By :Yogesh Patel 12/11/2024

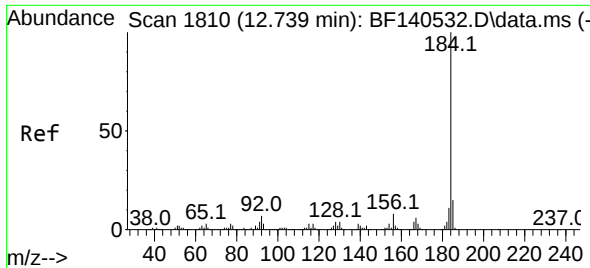
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:240 Resp: 190407
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.6 20.6 31.0





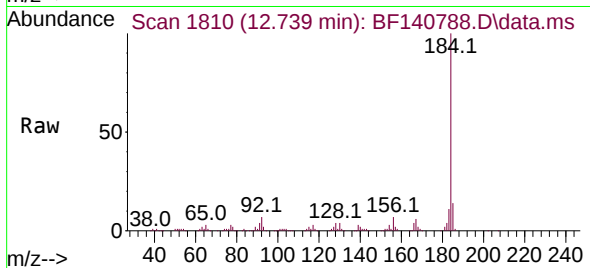
#77
Benzidine
Concen: 34.810 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



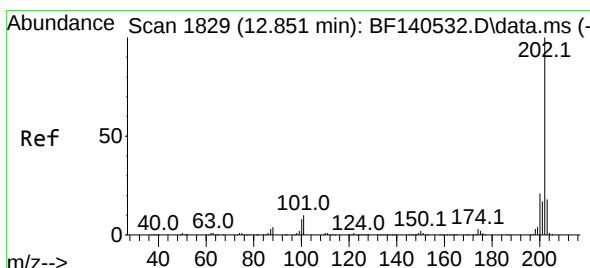
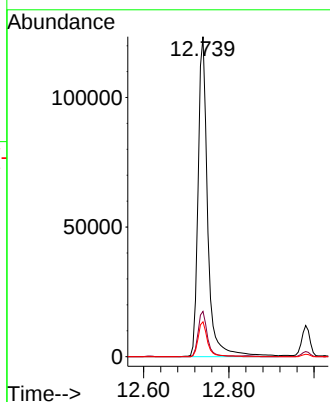
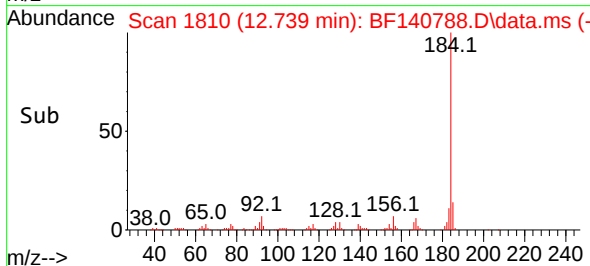
Tgt Ion:184 Resp: 192710
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.9 8.8 13.2

Manual Integrations

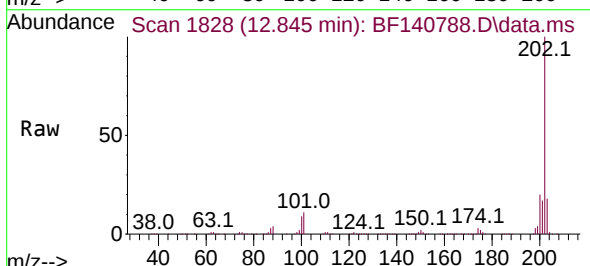
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

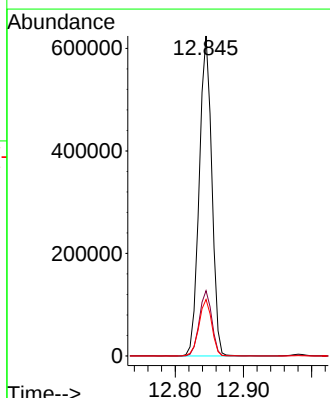
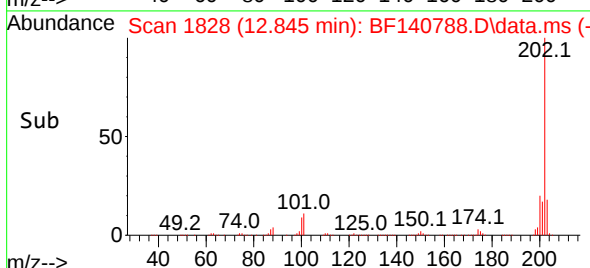
Supervised By :mohammad ahmed 12/12/2024

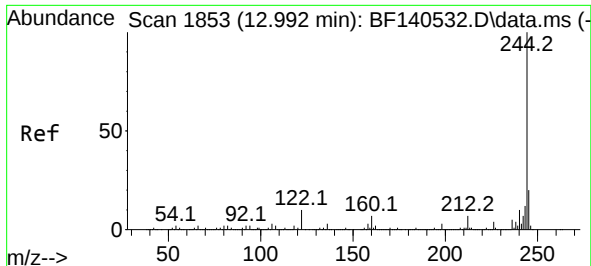


#78
Pyrene
Concen: 45.388 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:202 Resp: 799086
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.6 14.2 21.4





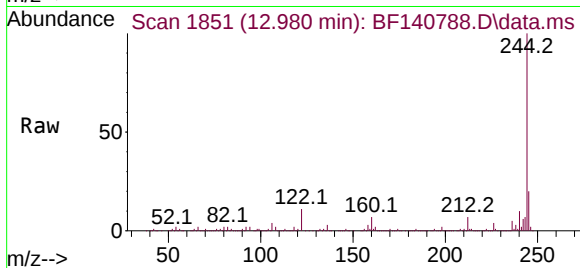
#79
 Terphenyl-d14
 Concen: 94.431 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



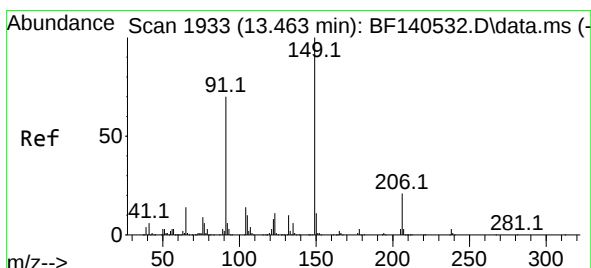
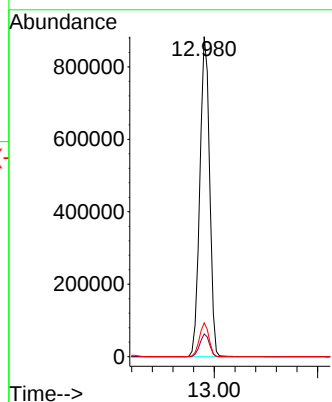
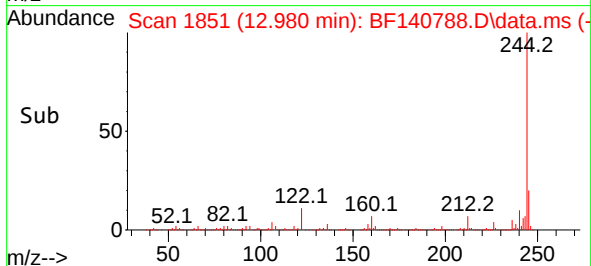
Tgt Ion:244 Resp: 1154710
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.6 8.0 12.0

Manual Integrations

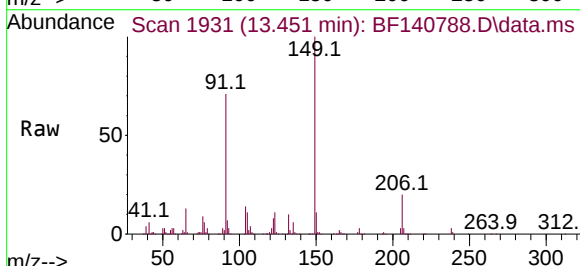
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

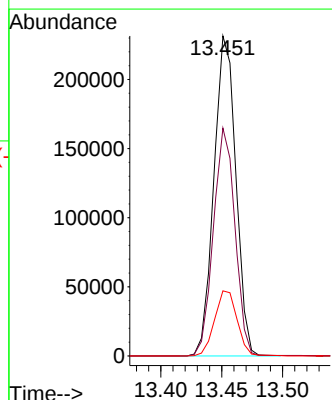
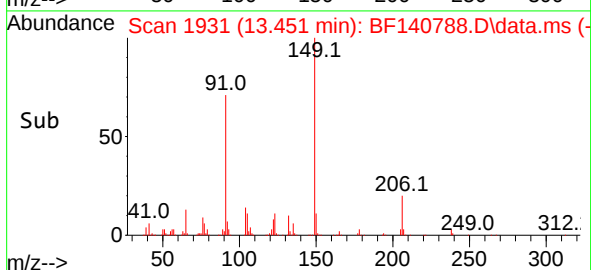
Supervised By :mohammad ahmed 12/12/2024

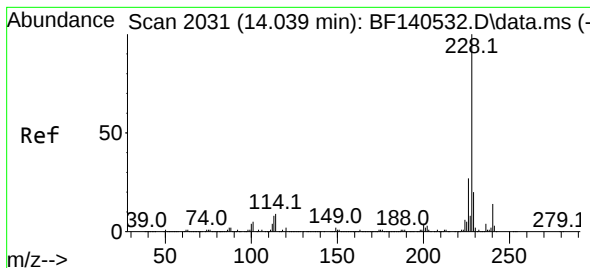


#80
 Butylbenzylphthalate
 Concen: 45.793 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31



Tgt Ion:149 Resp: 290428
 Ion Ratio Lower Upper
 149 100
 91 71.2 56.2 84.2
 206 20.4 16.4 24.6





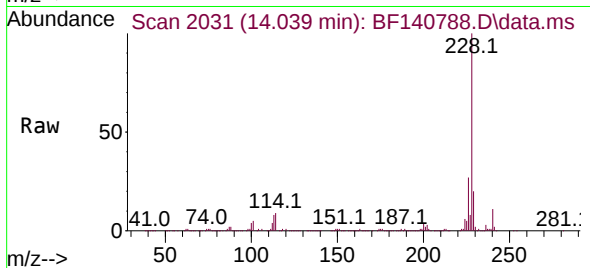
#81
Benzo(a)anthracene
Concen: 49.513 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



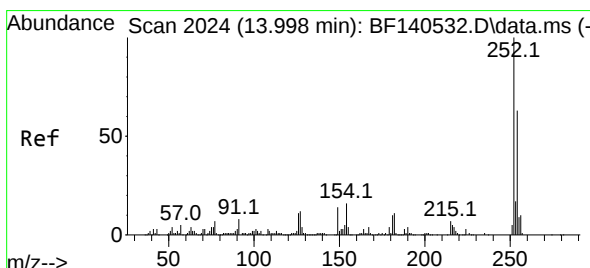
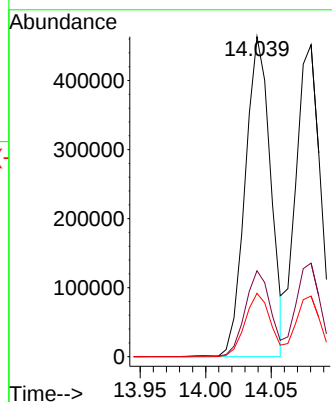
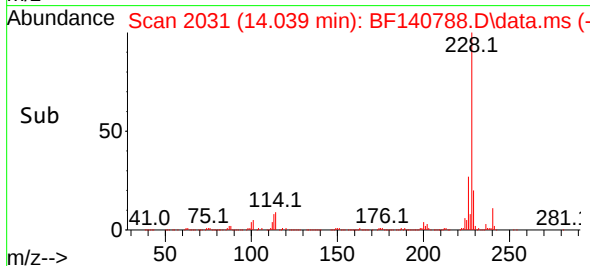
Tgt Ion:228 Resp: 624060
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.8 15.8 23.6

Manual Integrations

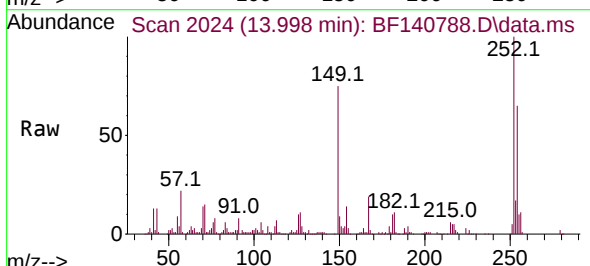
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

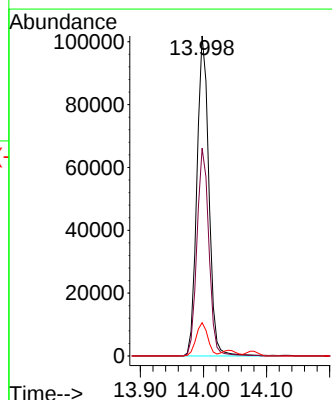
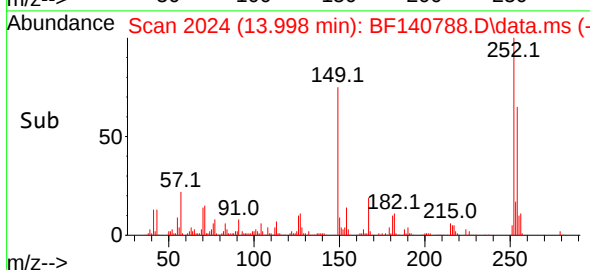
Supervised By :mohammad ahmed 12/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 35.364 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:252 Resp: 133825
Ion Ratio Lower Upper
252 100
254 64.9 50.8 76.2
126 10.4 8.6 13.0





#83

Chrysene

Concen: 50.924 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

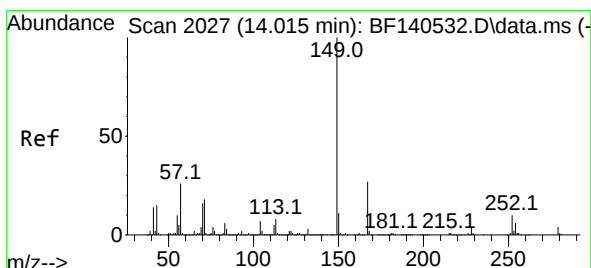
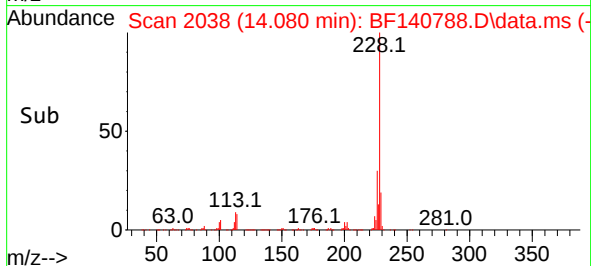
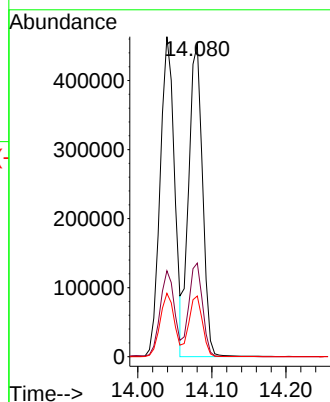
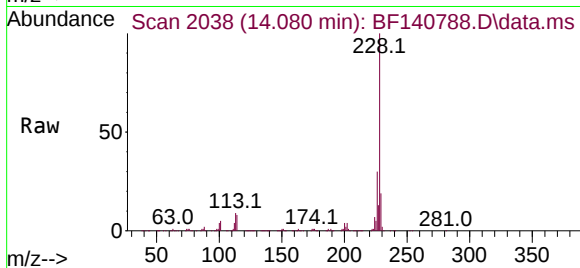
Tgt Ion:228	Resp: 58690
Ion Ratio	Lower Upper
228 100	
226 30.0	24.4 36.6
229 19.4	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.732 ng

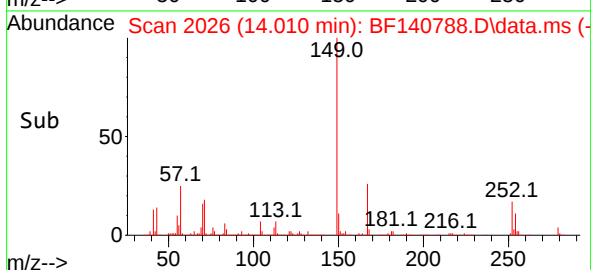
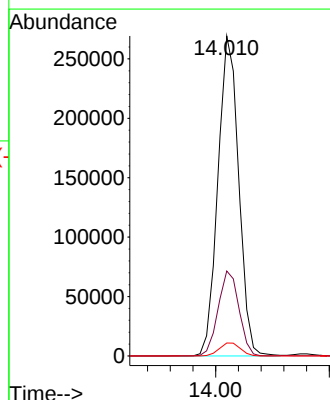
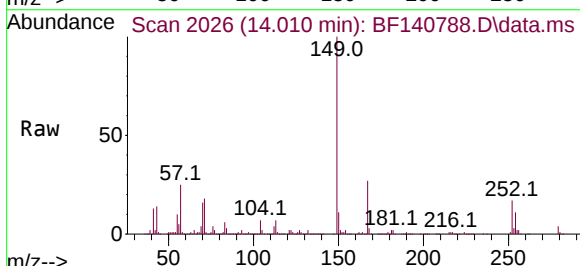
RT: 14.010 min Scan# 2026

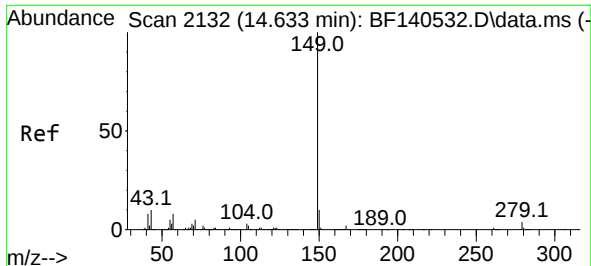
Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Tgt Ion:149	Resp: 342209
Ion Ratio	Lower Upper
149 100	
167 26.6	21.2 31.8
279 4.0	3.2 4.8





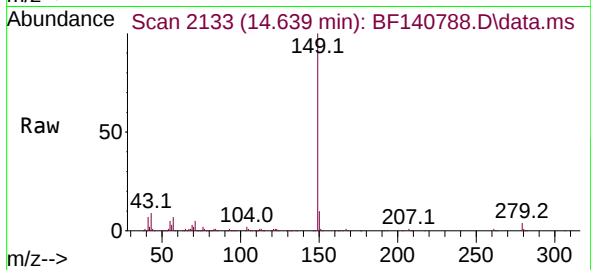
#85
Di-n-octyl phthalate
Concen: 40.056 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



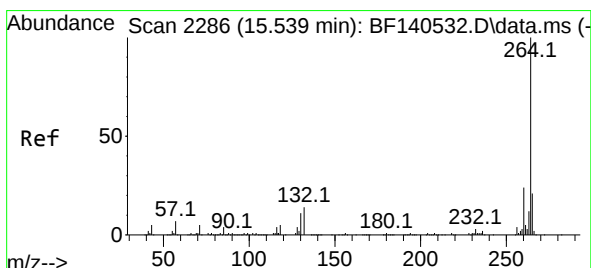
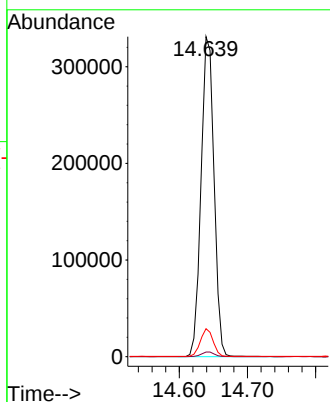
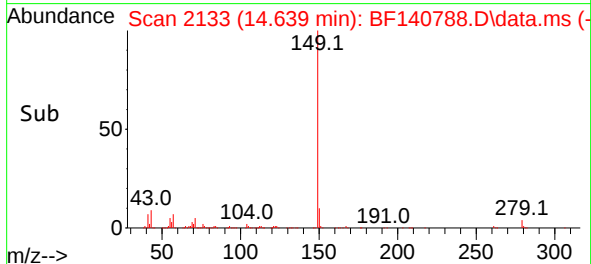
Tgt Ion:149 Resp: 438390
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 7.7 11.5

Manual Integrations

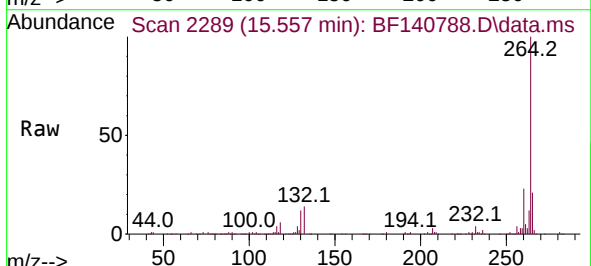
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

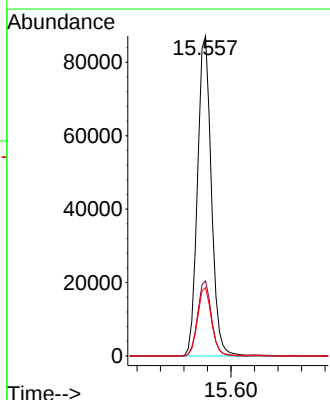
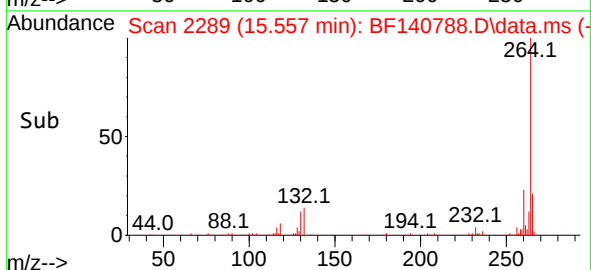
Supervised By :mohammad ahmed 12/12/2024

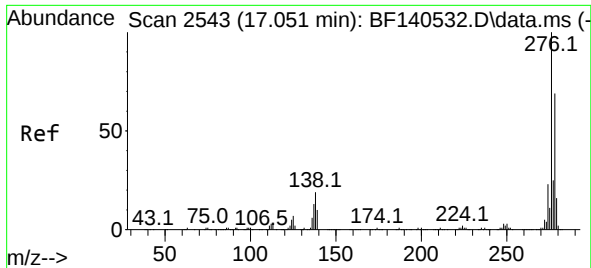


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:264 Resp: 142298
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.4 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.236 ng
RT: 17.080 min Scan# 2114
Delta R.T. 0.030 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

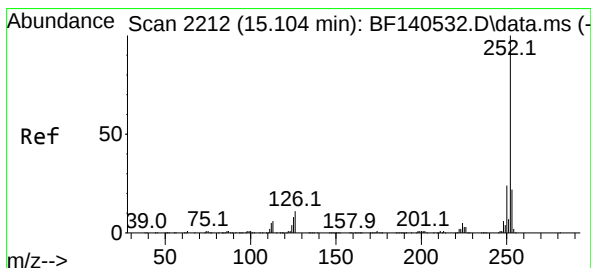
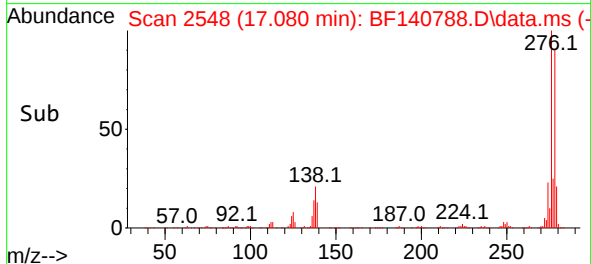
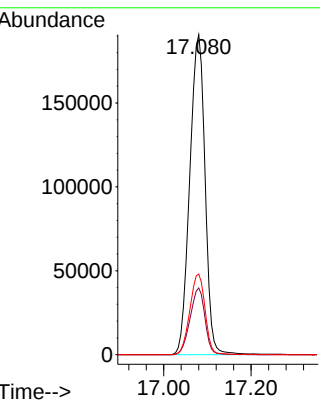
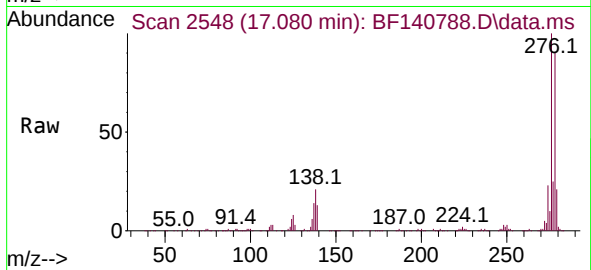
ClientSampleId :

PB165435BS

Tgt Ion:276 Resp: 46585
Ion Ratio Lower Upper
276 100
138 20.2 15.5 23.3
277 25.1 20.1 30.1

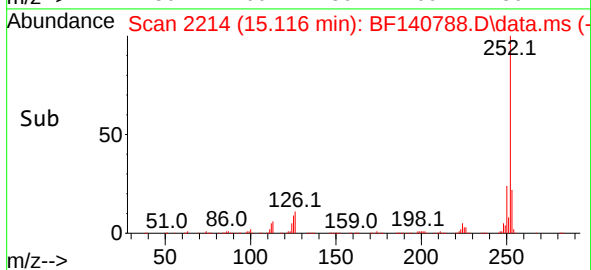
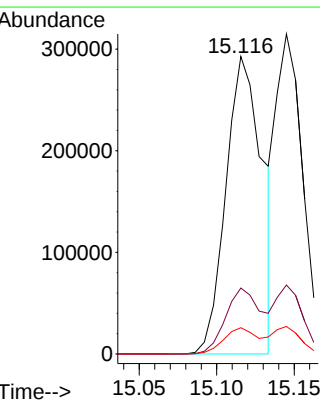
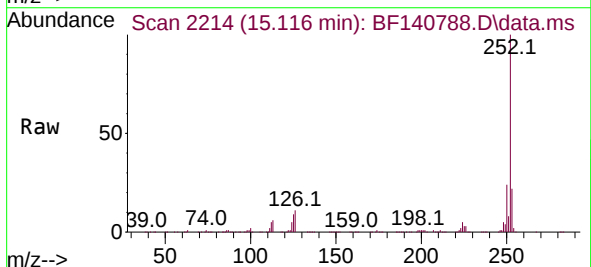
Manual Integrations
APPROVED

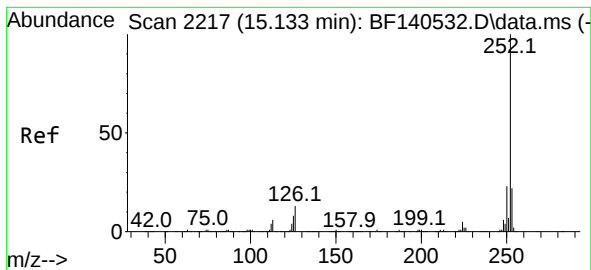
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#88
Benzo(b)fluoranthene
Concen: 53.482 ng
RT: 15.116 min Scan# 2214
Delta R.T. 0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:252 Resp: 478015
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.8 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 48.611 ng

RT: 15.145 min Scan# 2217

Delta R.T. 0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

Tgt Ion:252 Resp: 38021

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

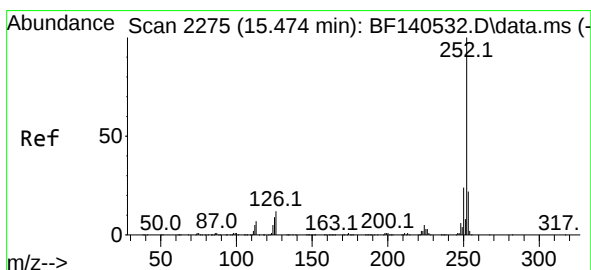
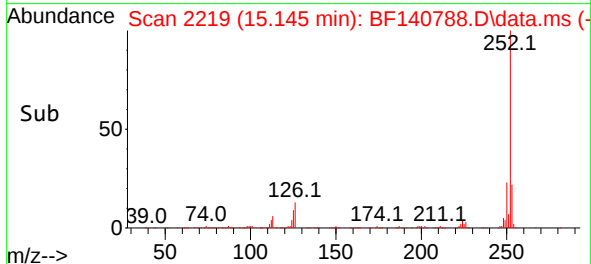
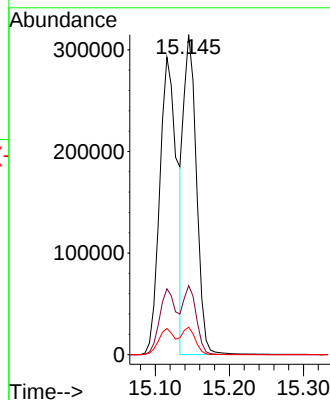
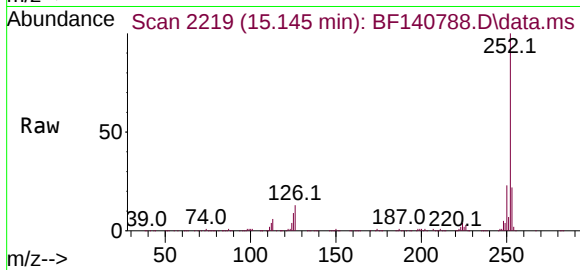
125 8.6 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 53.899 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

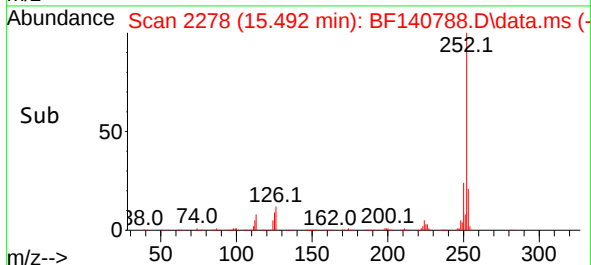
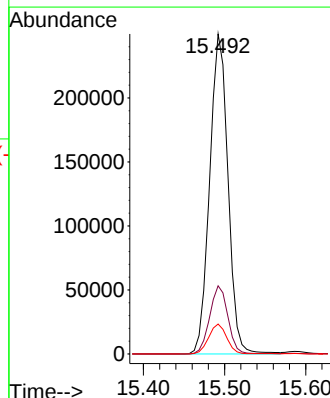
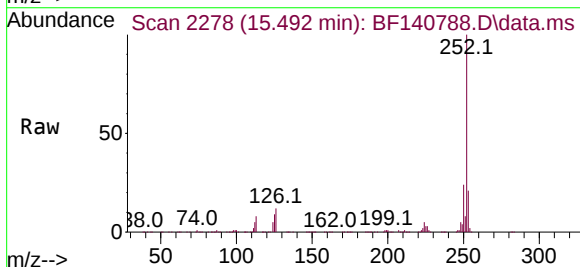
Tgt Ion:252 Resp: 391696

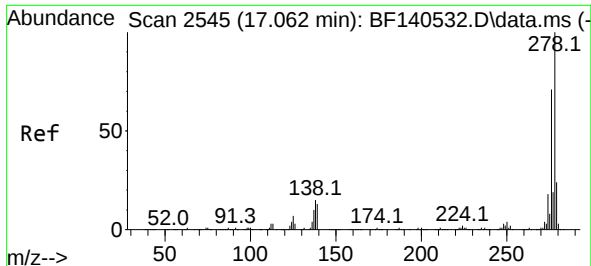
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 9.4 7.0 10.6





#91
 Dibenzo(a,h)anthracene
 Concen: 49.287 ng
 RT: 17.086 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

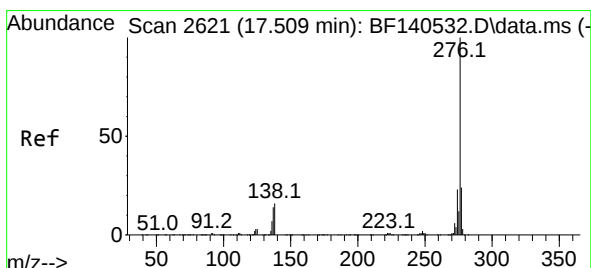
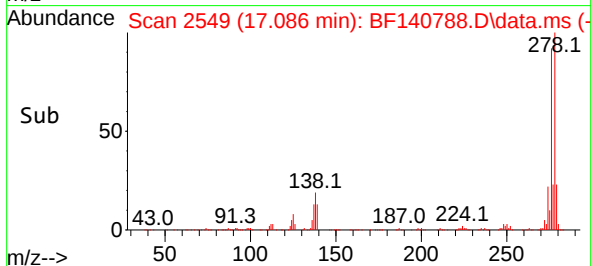
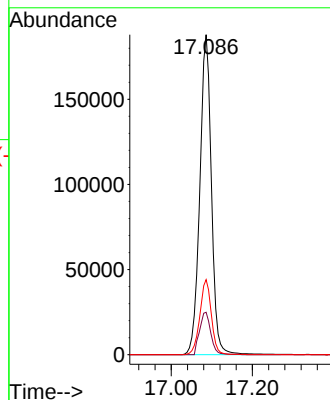
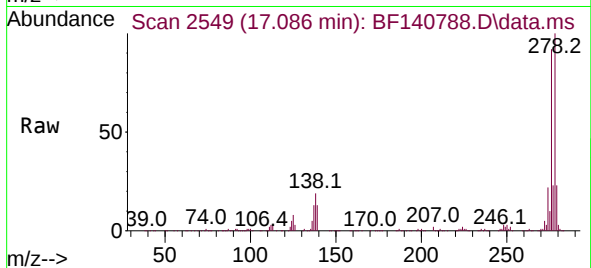
PB165435BS

Tgt Ion:278 Resp: 374312
 Ion Ratio Lower Upper
 278 100
 139 13.2 10.2 15.4
 279 23.4 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: 46.398 ng
 RT: 17.533 min Scan# 2625
 Delta R.T. 0.024 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Tgt Ion:276 Resp: 359573
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.9 28.3
 138 18.2 13.2 19.8

