

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140786.D
 Acq On : 09 Dec 2024 13:39
 Operator : RC/JU
 Sample : PB165432BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165432BSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 14:59:56 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	73193	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	278673	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	158385	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	302865	20.000	ng	0.00
76) Chrysene-d12	14.051	240	197310	20.000	ng	0.00
86) Perylene-d12	15.551	264	144540	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	623767	145.407	ng	0.01
7) Phenol-d6	6.510	99	802923	141.579	ng	0.00
23) Nitrobenzene-d5	7.428	82	519064	95.274	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	253798	149.827	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1024485	96.374	ng	-0.01
79) Terphenyl-d14	12.980	244	1218192	96.137	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	78139	43.323	ng	98
3) Pyridine	3.487	79	190763	48.070	ng	99
4) n-Nitrosodimethylamine	3.440	42	107532	46.104	ng	# 94
6) Aniline	6.528	93	194197	48.650	ng	# 53
8) 2-Chlorophenol	6.657	128	235114	50.944	ng	95
9) Benzaldehyde	6.416	77	40994	13.654	ng	99
10) Phenol	6.528	94	295560	51.031	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	223863	50.511	ng	100
12) 1,3-Dichlorobenzene	6.804	146	246713	47.574	ng	98
13) 1,4-Dichlorobenzene	6.881	146	250186	47.647	ng	99
14) 1,2-Dichlorobenzene	7.034	146	236430	48.053	ng	99
15) Benzyl Alcohol	7.010	79	209580	49.832	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	260162	49.688	ng	66
17) 2-Methylphenol	7.128	107	184673	49.987	ng	95
18) Hexachloroethane	7.369	117	92589	47.212	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	166492	49.674	ng	98
20) 3+4-Methylphenols	7.281	107	244226	51.431	ng	# 89
22) Acetophenone	7.275	105	327281	48.173	ng	95
24) Nitrobenzene	7.451	77	256807	45.608	ng	97
25) Isophorone	7.687	82	449222	49.435	ng	99
26) 2-Nitrophenol	7.763	139	125348	50.233	ng	98
27) 2,4-Dimethylphenol	7.804	122	186395m	62.431	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	271159	48.982	ng	100
29) 2,4-Dichlorophenol	8.016	162	199255	50.366	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	208911	46.250	ng	99
31) Naphthalene	8.169	128	686681	47.839	ng	99
32) Benzoic acid	7.951	122	105154	41.601	ng	97
33) 4-Chloroaniline	8.222	127	105000	24.432	ng	99
34) Hexachlorobutadiene	8.275	225	136222	45.531	ng	99
35) Caprolactam	8.592	113	63367m	51.758	ng	
36) 4-Chloro-3-methylphenol	8.716	107	219110	49.467	ng	99
37) 2-Methylnaphthalene	8.857	142	455202	49.928	ng	99
38) 1-Methylnaphthalene	8.957	142	419555	46.948	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	222560	47.999	ng	99
41) Hexachlorocyclopentadiene	9.004	237	137226	126.956	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	138517	47.609	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140786.D
 Acq On : 09 Dec 2024 13:39
 Operator : RC/JU
 Sample : PB165432BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165432BSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 14:59:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

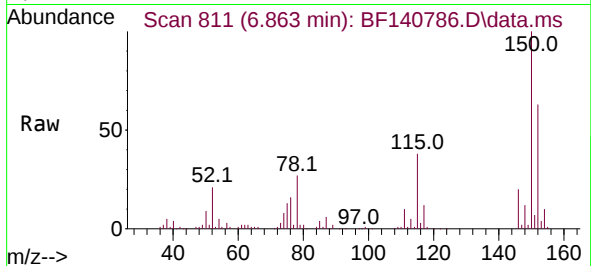
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	149574	47.369	ng	96
46) 1,1'-Biphenyl	9.322	154	568594	48.083	ng	100
47) 2-Chloronaphthalene	9.351	162	423681	47.285	ng	98
48) 2-Nitroaniline	9.451	65	139377	48.461	ng	98
49) Acenaphthylene	9.769	152	703593	51.971	ng	100
50) Dimethylphthalate	9.622	163	520609	49.909	ng	100
51) 2,6-Dinitrotoluene	9.692	165	112671	47.626	ng	98
52) Acenaphthene	9.939	154	420591	48.894	ng	99
53) 3-Nitroaniline	9.869	138	72049	31.139	ng	93
54) 2,4-Dinitrophenol	9.986	184	116967	93.953	ng	93
55) Dibenzofuran	10.110	168	645934	49.229	ng	99
56) 4-Nitrophenol	10.051	139	139857	88.629	ng	96
57) 2,4-Dinitrotoluene	10.104	165	153539	48.834	ng	96
58) Fluorene	10.457	166	523114	49.670	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134235	55.314	ng	89
60) Diethylphthalate	10.322	149	520400	49.103	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	255055	49.348	ng	95
62) 4-Nitroaniline	10.486	138	119420	49.210	ng	96
63) Azobenzene	10.604	77	493413	49.162	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	86658	55.993	ng	97
66) n-Nitrosodiphenylamine	10.563	169	453637	50.649	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	153198	49.117	ng	97
68) Hexachlorobenzene	11.004	284	169419	46.910	ng	97
69) Atrazine	11.092	200	143894	57.109	ng	99
70) Pentachlorophenol	11.210	266	134911	84.875	ng	99
71) Phenanthrene	11.422	178	742937	51.031	ng	99
72) Anthracene	11.475	178	761784	53.493	ng	99
73) Carbazole	11.633	167	700466	51.129	ng	100
74) Di-n-butylphthalate	11.951	149	793652	50.179	ng	99
75) Fluoranthene	12.616	202	827253	52.336	ng	99
77) Benzidine	12.739	184	205459	35.815	ng	99
78) Pyrene	12.845	202	852967	46.754	ng	100
80) Butylbenzylphthalate	13.451	149	311497	47.397	ng	99
81) Benzo(a)anthracene	14.039	228	678137	51.920	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	136310	34.760	ng	99
83) Chrysene	14.074	228	607079	50.832	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	369429	44.517	ng	99
85) Di-n-octyl phthalate	14.633	149	478863	42.223	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	475316	50.461	ng	99
88) Benzo(b)fluoranthene	15.110	252	452228	49.812	ng	99
89) Benzo(k)fluoranthene	15.139	252	460344	57.944	ng	99
90) Benzo(a)pyrene	15.486	252	409471	55.471	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	386012	50.039	ng	99
92) Benzo(g,h,i)perylene	17.527	276	371662	47.214	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: BF140786.D
Acq: 09 Dec 2024 13:39

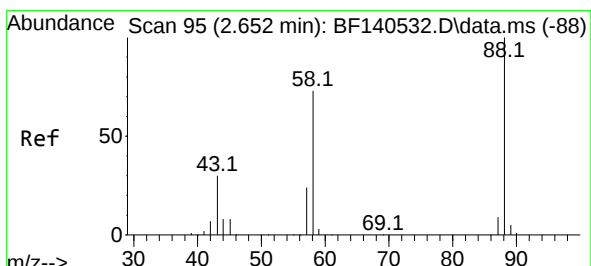
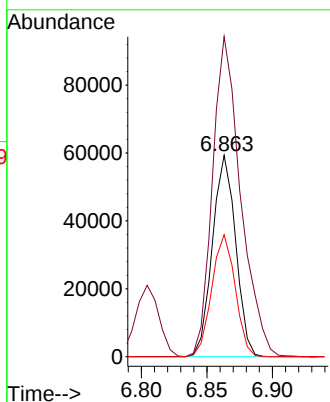
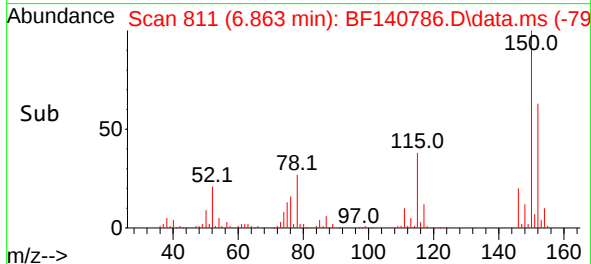
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



Tgt Ion:152 Resp: 7319
Ion Ratio Lower Upper
152 100
150 159.0 128.5 192.7
115 60.6 50.2 75.4

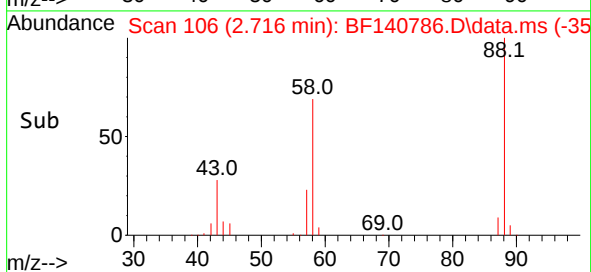
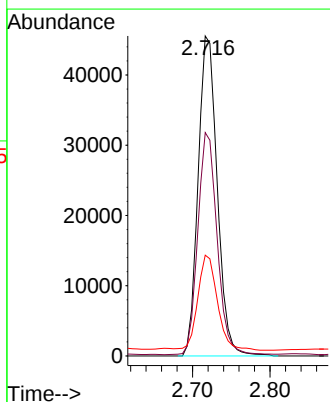
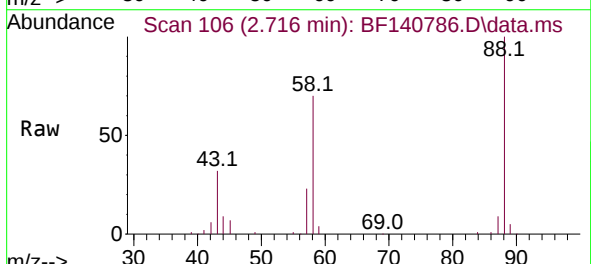
Manual Integrations
APPROVED

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



#2
1,4-Dioxane
Concen: 43.323 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.065 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Tgt Ion: 88 Resp: 78139
Ion Ratio Lower Upper
88 100
58 70.0 57.4 86.2
43 30.6 24.3 36.5





#3

Pyridine

Concen: 48.070 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

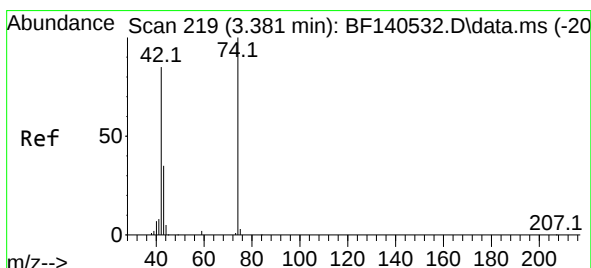
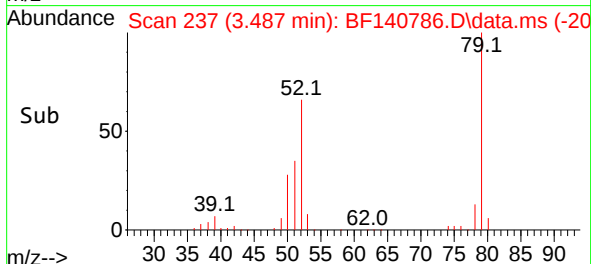
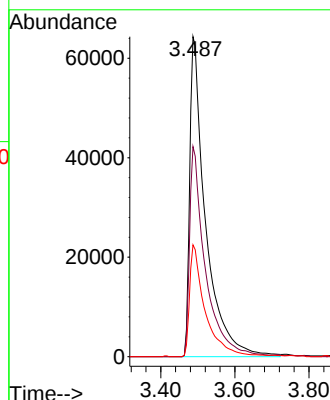
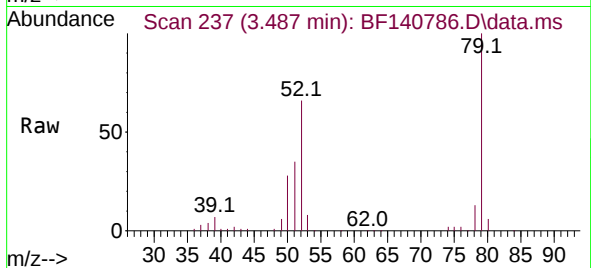
PB165432BSD

Tgt Ion: 79 Resp: 19076

Ion	Ratio	Lower	Upper
79	100		
52	65.6	52.1	78.1
51	35.0	27.8	41.8

Manual Integrations
APPROVED

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



#4

n-Nitrosodimethylamine

Concen: 46.104 ng

RT: 3.440 min Scan# 229

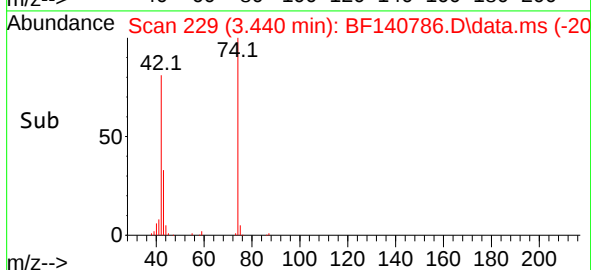
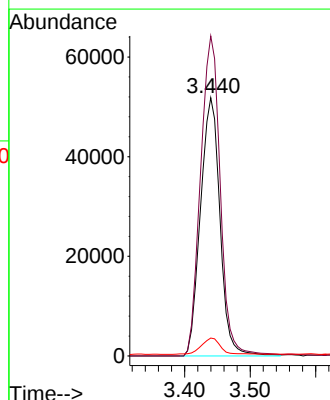
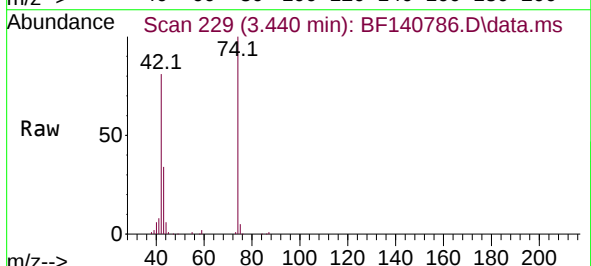
Delta R.T. 0.059 min

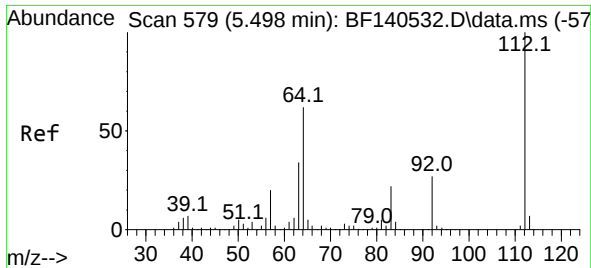
Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Tgt Ion: 42 Resp: 107532

Ion	Ratio	Lower	Upper
42	100		
74	123.9	93.8	140.6
44	6.9	4.6	6.8





#5
2-Fluorophenol
Concen: 145.407 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

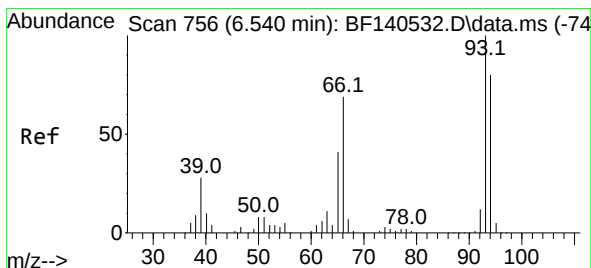
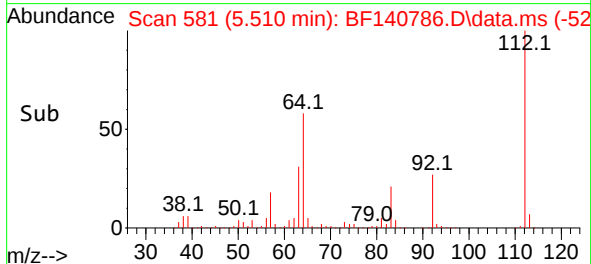
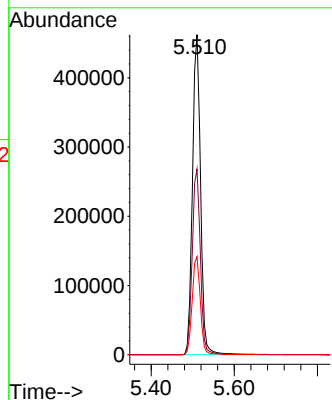
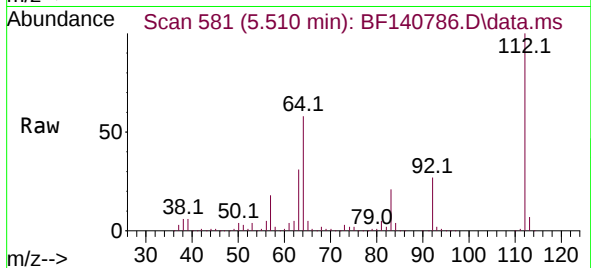
PB165432BSD

Tgt Ion:112 Resp: 62376
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 30.7 27.0 40.4

Manual Integrations

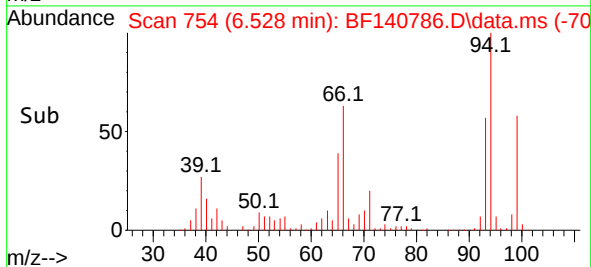
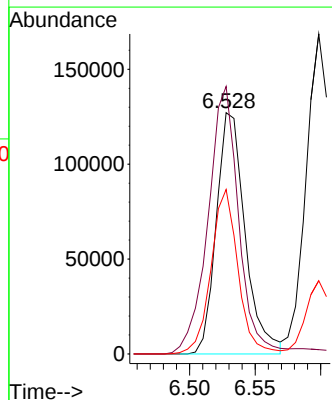
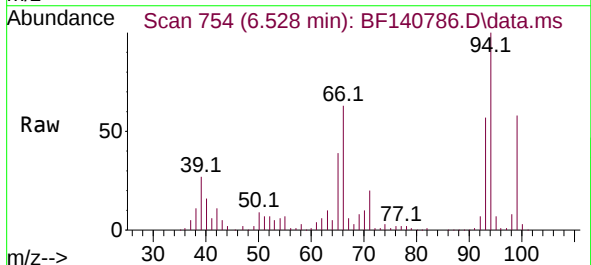
APPROVED

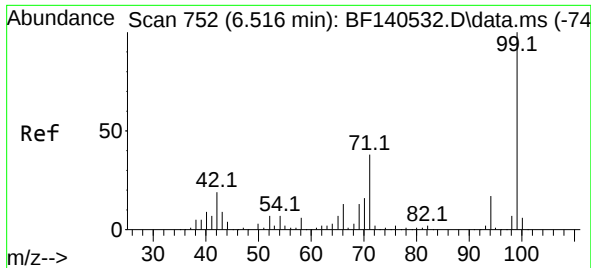
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 48.650 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

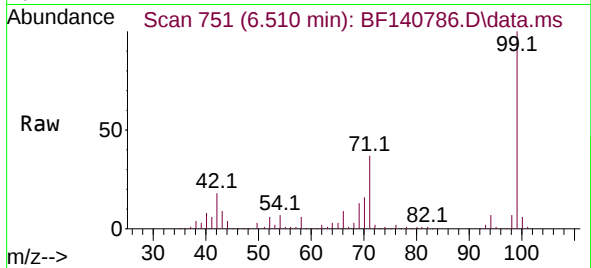
Tgt Ion: 93 Resp: 194197
Ion Ratio Lower Upper
93 100
66 110.9 56.5 84.7#
65 68.2 32.9 49.3#





#7
Phenol-d6
Concen: 141.579 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

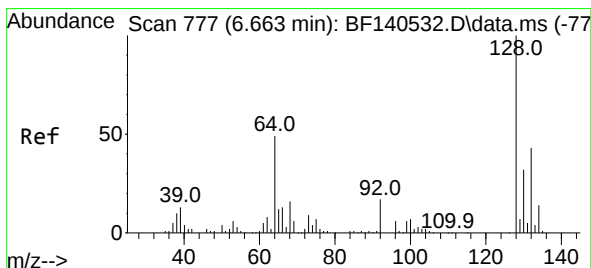
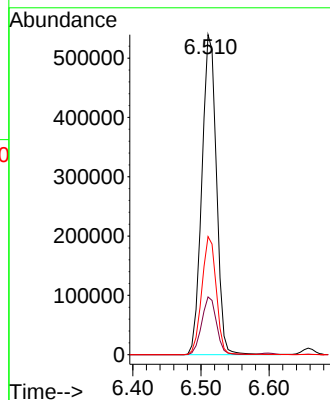
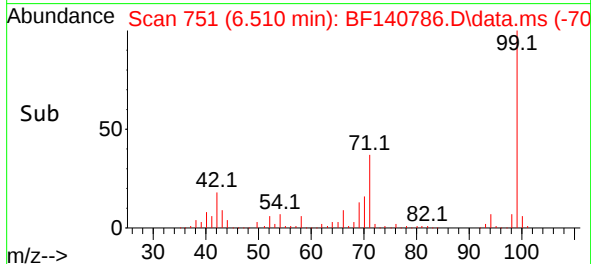
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



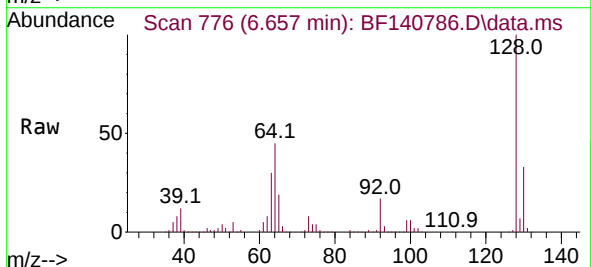
Tgt Ion: 99 Resp: 802923
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.9 30.6 46.0

Manual Integrations
APPROVED

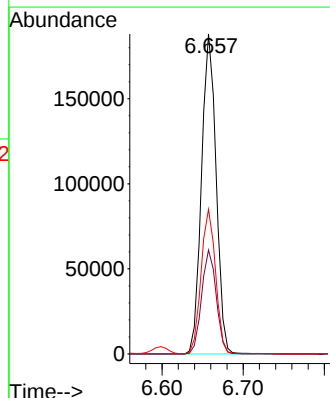
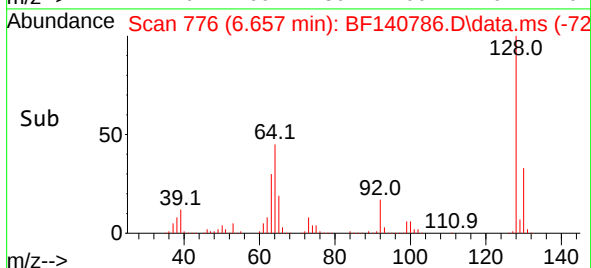
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

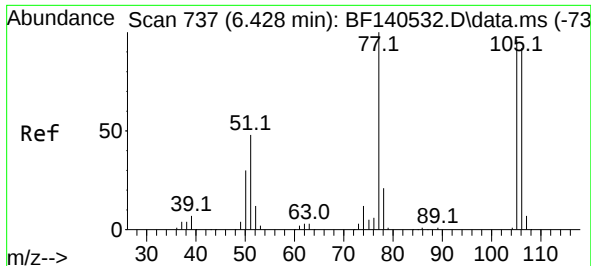


#8
2-Chlorophenol
Concen: 50.944 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



Tgt Ion:128 Resp: 235114
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 45.2 30.2 70.2





#9

Benzaldehyde

Concen: 13.654 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

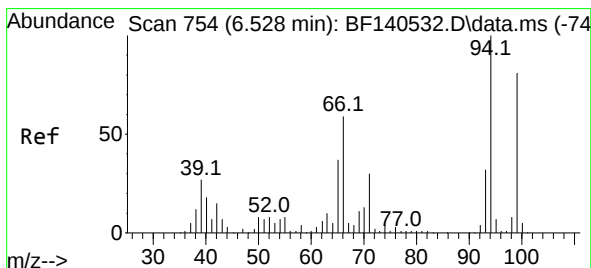
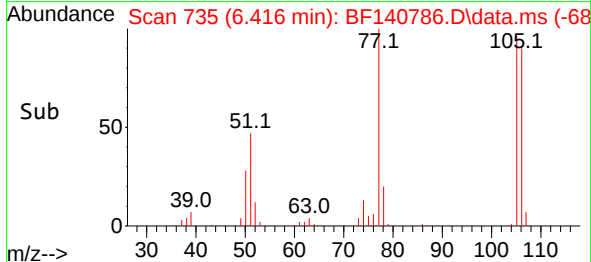
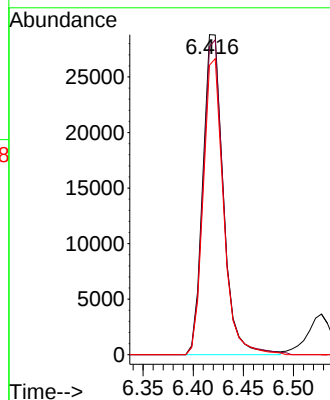
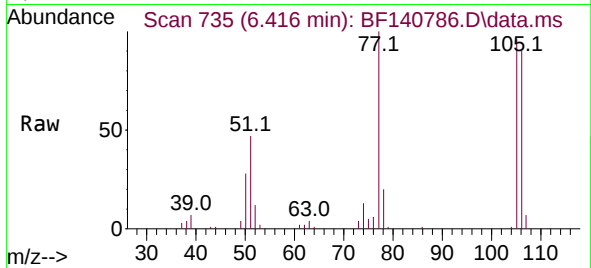
ClientSampleId :

PB165432BSD

Tgt Ion:	77	Resp:	40994
Ion	Ratio	Lower	Upper
77	100		
105	96.3	75.6	115.6
106	90.4	72.0	112.0

Manual Integrations
APPROVED

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



#10

Phenol

Concen: 51.031 ng

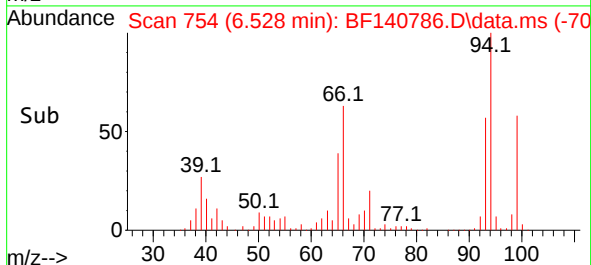
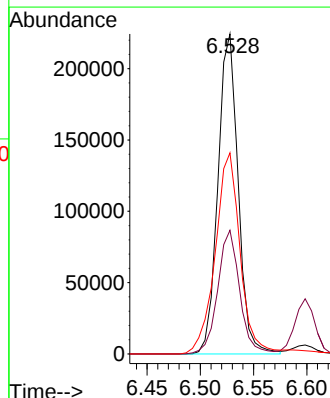
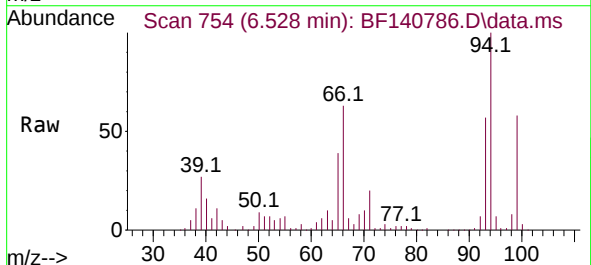
RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Tgt Ion:	94	Resp:	295560
Ion	Ratio	Lower	Upper
94	100		
65	38.6	17.2	57.2
66	62.9	39.2	79.2





#11

bis(2-Chloroethyl)ether

Concen: 50.511 ng

RT: 6.598 min Scan# 766

Delta R.T. -0.012 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165432BSD

Tgt Ion: 93 Resp: 22386

Ion Ratio Lower Upper

93 100

63 72.6 52.8 92.8

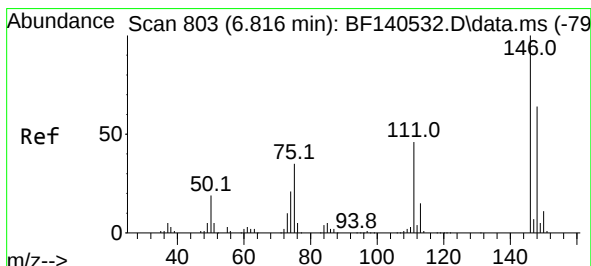
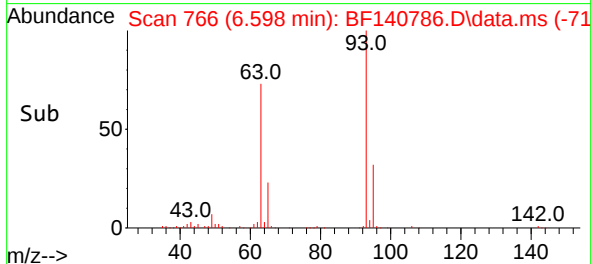
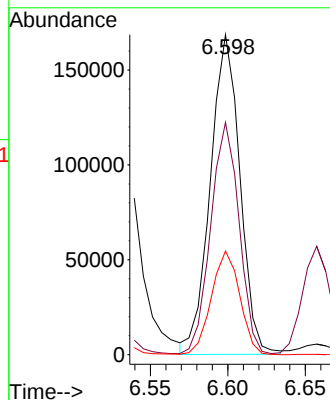
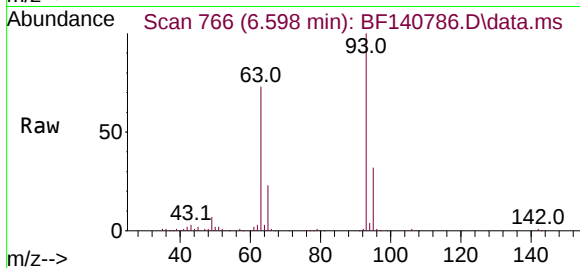
95 32.4 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#12

1,3-Dichlorobenzene

Concen: 47.574 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

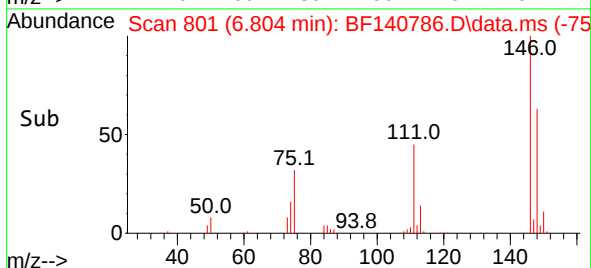
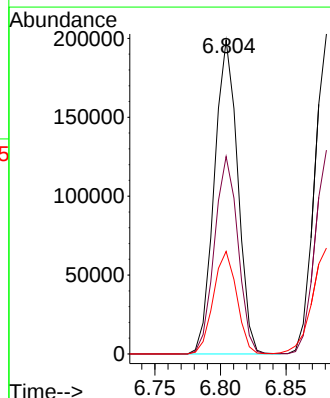
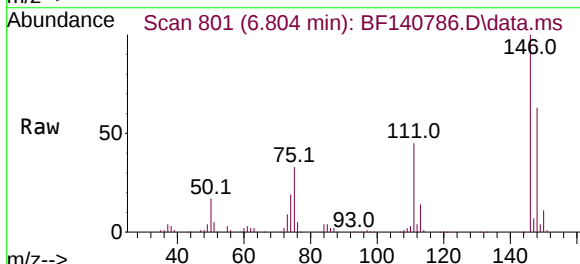
Tgt Ion:146 Resp: 246713

Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

75 32.7 28.2 42.2





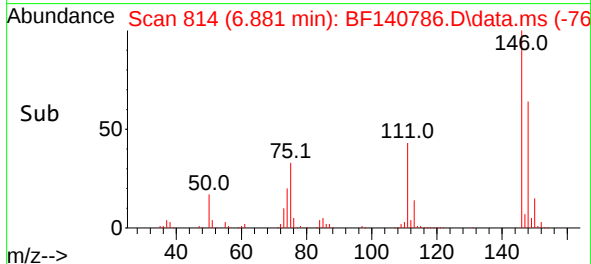
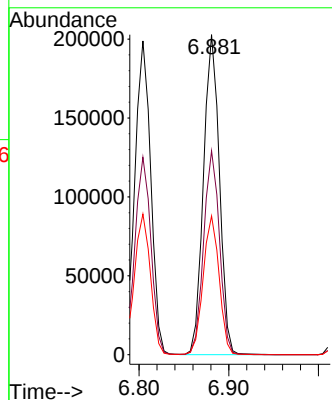
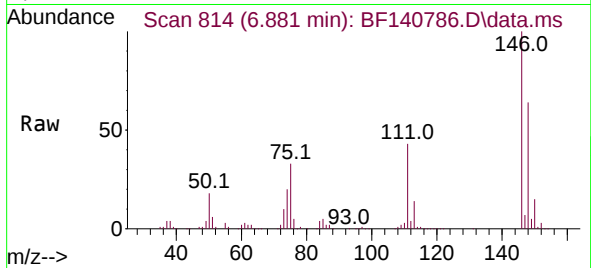
#13
1,4-Dichlorobenzene
Concen: 47.647 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB165432BSD

Tgt Ion:146 Resp: 250180
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 43.4 35.3 52.9

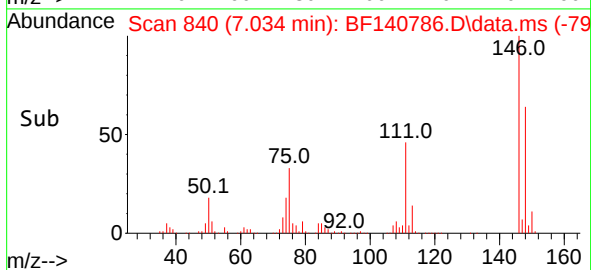
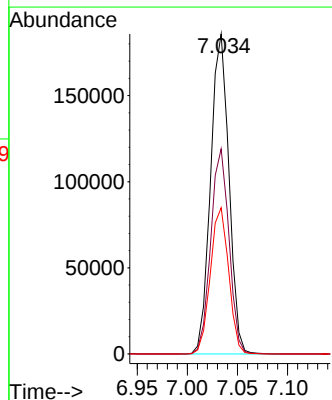
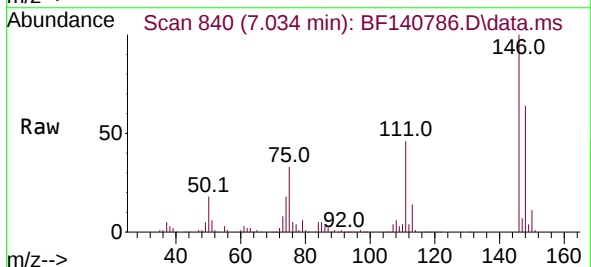
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 48.053 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

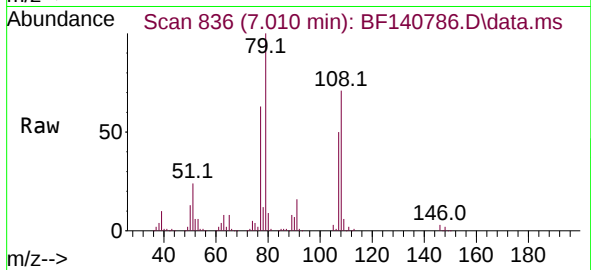
Tgt Ion:146 Resp: 236430
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
111 45.7 36.7 55.1





#15
Benzyl Alcohol
Concen: 49.832 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

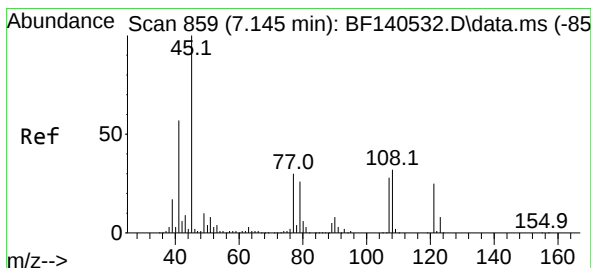
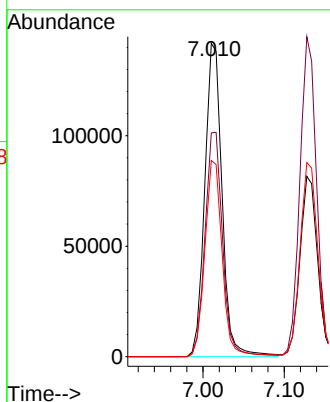
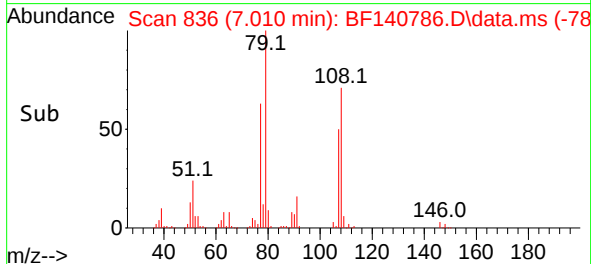
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



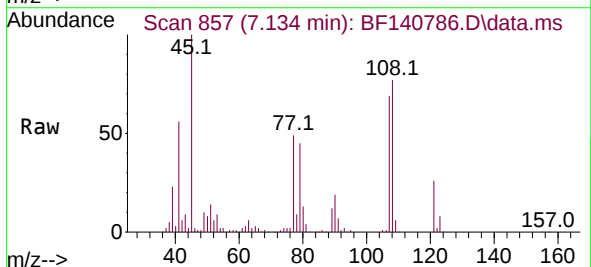
Tgt Ion: 79 Resp: 209580
Ion Ratio Lower Upper
79 100
108 71.4 55.0 82.6
77 62.6 50.1 75.1

Manual Integrations
APPROVED

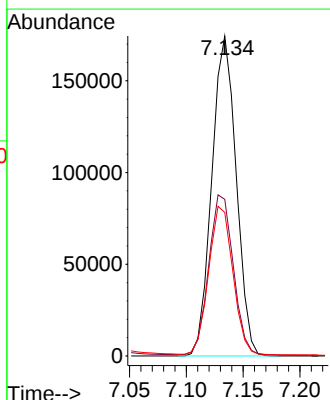
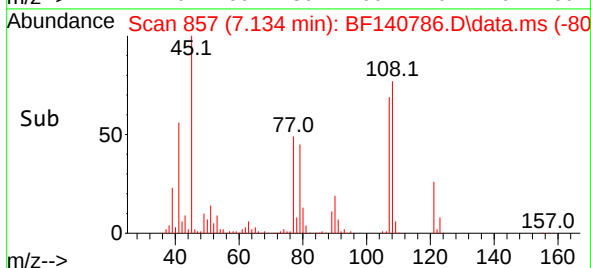
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

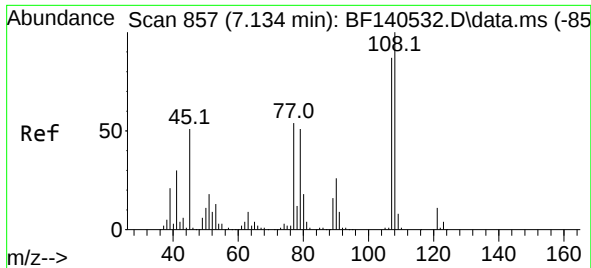


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.688 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



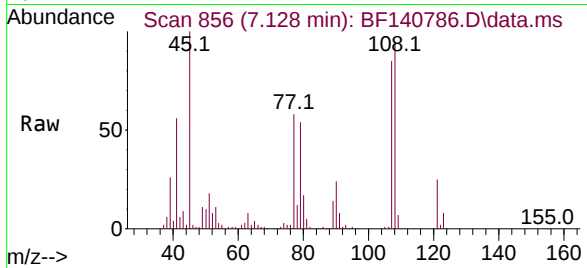
Tgt Ion: 45 Resp: 260162
Ion Ratio Lower Upper
45 100
77 48.9 10.7 50.7
79 44.9 7.0 47.0





#17
2-Methylphenol
Concen: 49.987 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

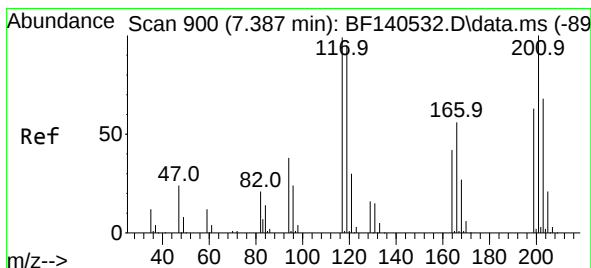
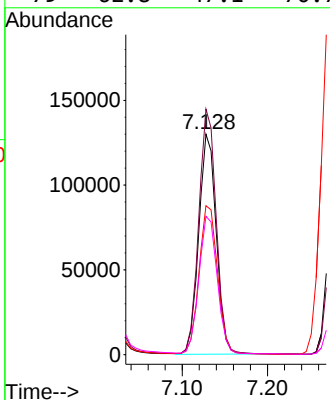
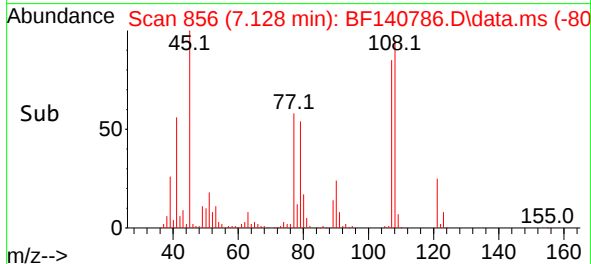
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



Tgt Ion:107 Resp: 18467
Ion Ratio Lower Upper
107 100
108 111.4 91.7 137.5
77 67.6 49.3 73.9
79 62.8 47.1 70.7

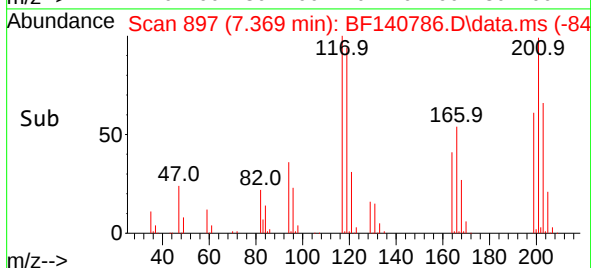
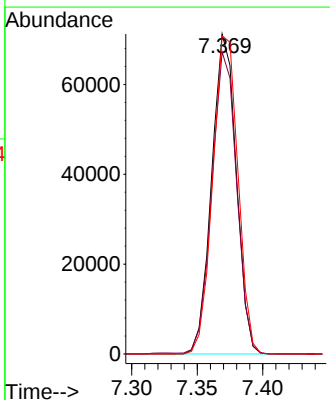
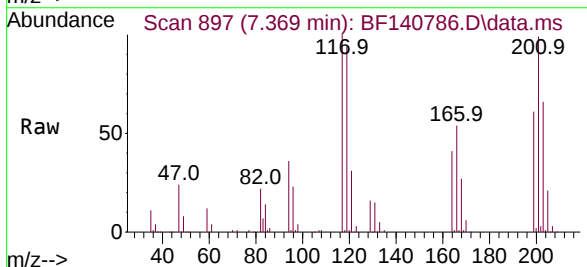
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 47.212 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

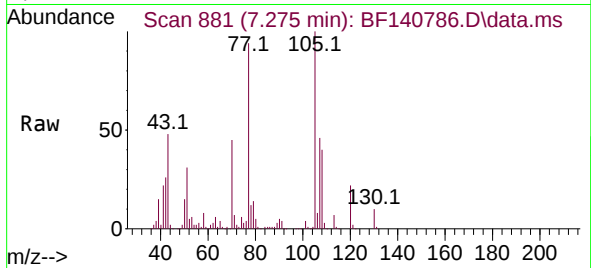
Tgt Ion:117 Resp: 92589
Ion Ratio Lower Upper
117 100
119 94.3 77.1 115.7
201 99.4 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 49.674 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

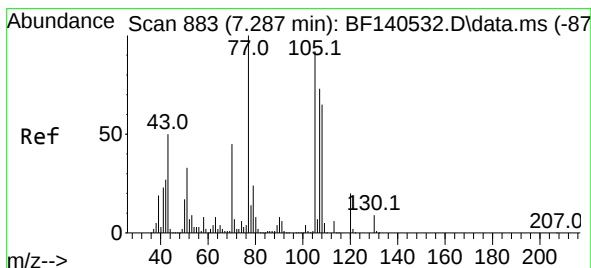
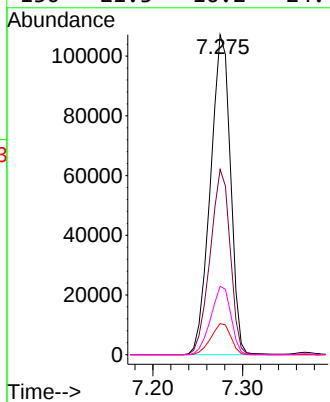
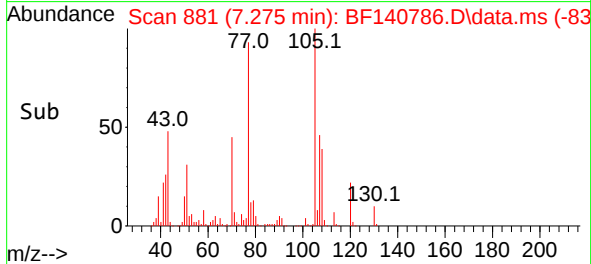
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



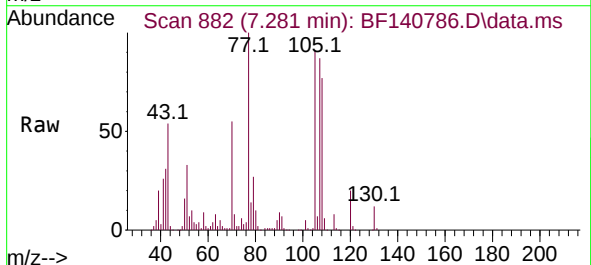
Tgt Ion: 70 Resp: 166492
Ion Ratio Lower Upper
70 100
42 57.9 47.6 71.4
101 9.7 7.6 11.4
130 21.3 16.2 24.4

Manual Integrations
APPROVED

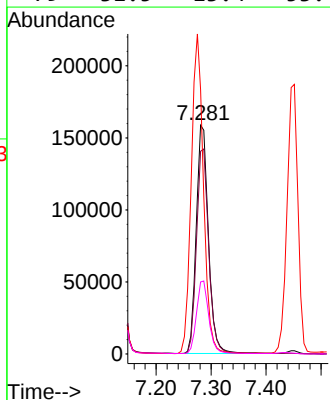
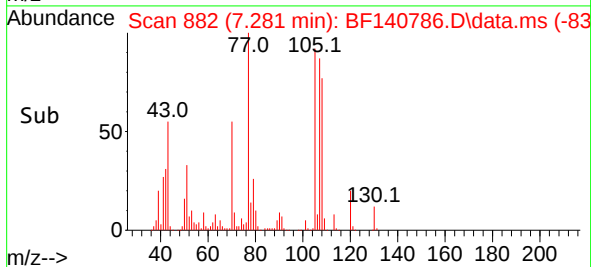
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

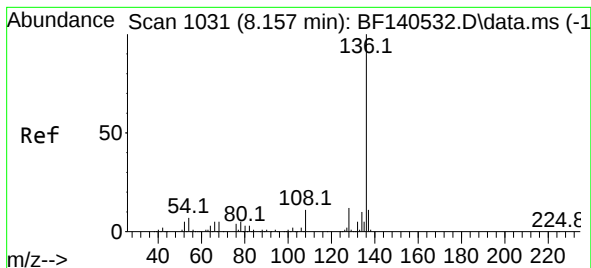


#20
3+4-Methylphenols
Concen: 51.431 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



Tgt Ion:107 Resp: 244226
Ion Ratio Lower Upper
107 100
108 88.6 69.9 109.9
77 115.5 117.7 157.7#
79 31.5 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: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

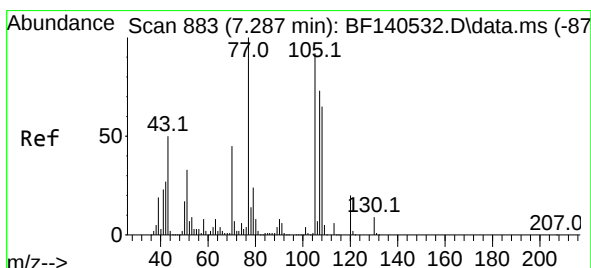
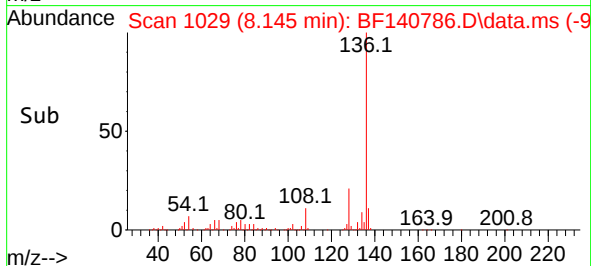
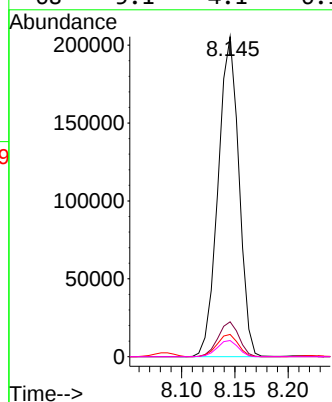
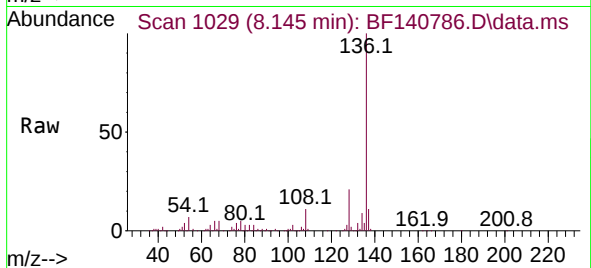
PB165432BSD

Tgt Ion:136 Resp: 27867
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

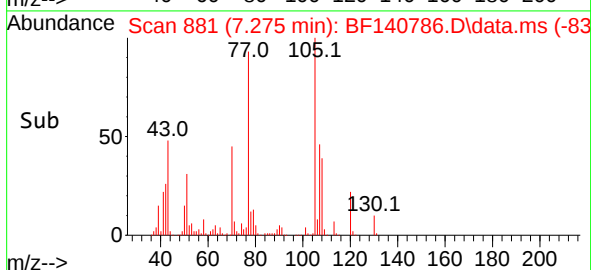
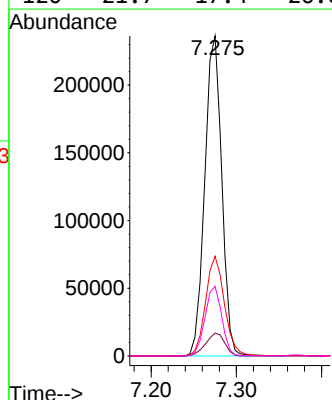
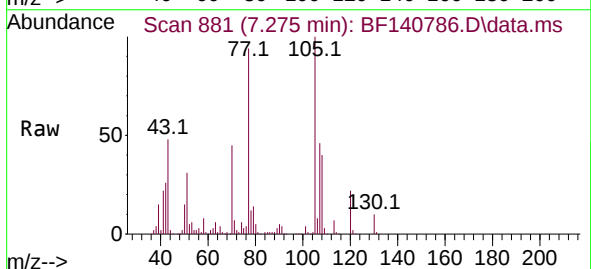
APPROVED

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



#22
Acetophenone
Concen: 48.173 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Tgt Ion:105 Resp: 327281
Ion Ratio Lower Upper
105 100
71 7.1 6.2 9.2
51 31.2 29.0 43.6
120 21.7 17.4 26.0





#23
Nitrobenzene-d5
Concen: 95.274 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

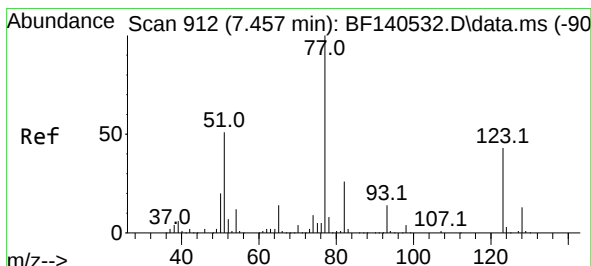
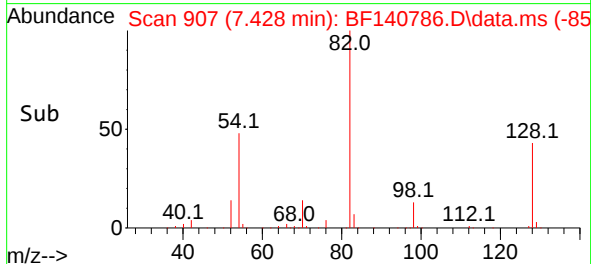
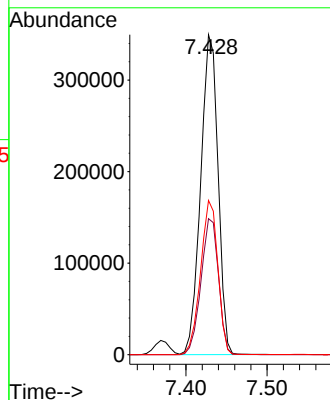
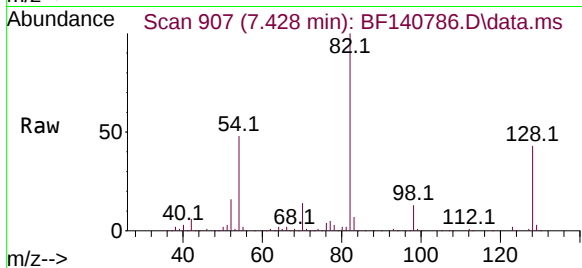
ClientSampleId :

PB165432BSD

Tgt Ion: 82 Resp: 519064
Ion Ratio Lower Upper
82 100
128 42.5 33.0 49.4
54 48.2 39.5 59.3

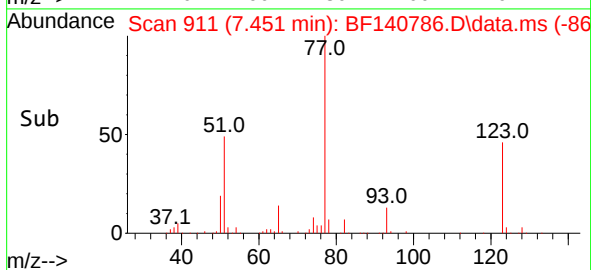
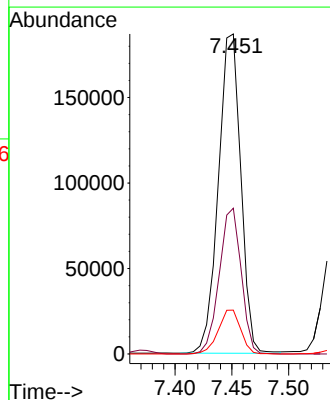
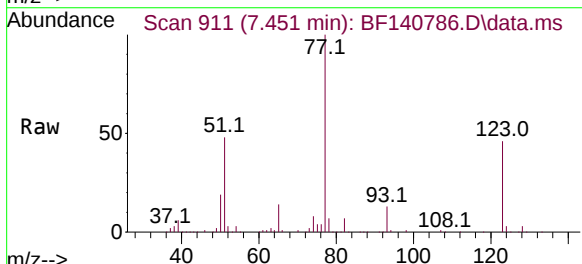
Manual Integrations
APPROVED

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



#24
Nitrobenzene
Concen: 45.608 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Tgt Ion: 77 Resp: 256807
Ion Ratio Lower Upper
77 100
123 45.5 34.3 51.5
65 13.7 11.2 16.8





#25
Isophorone
Concen: 49.435 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

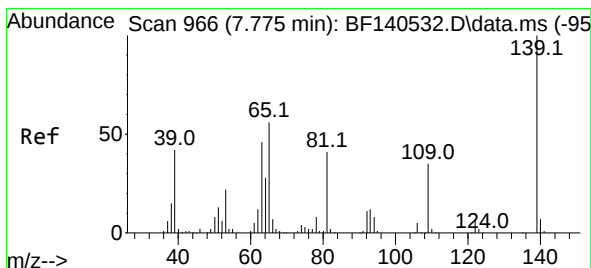
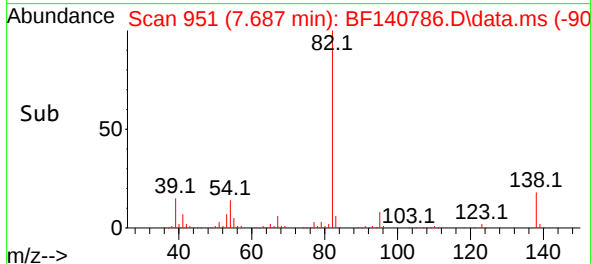
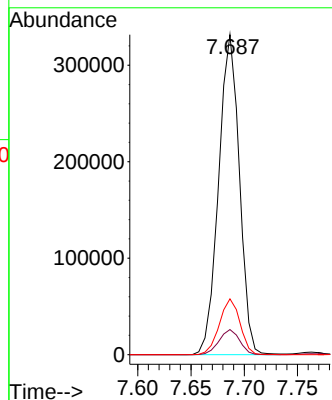
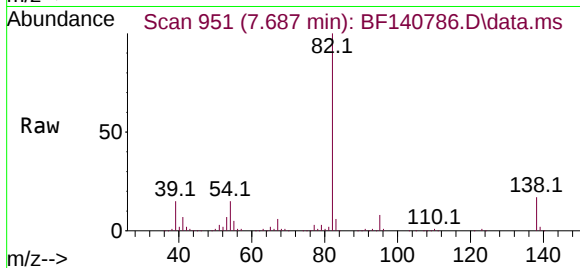
ClientSampleId :

PB165432BSD

Tgt Ion: 82 Resp: 44922
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.5 13.8 20.6

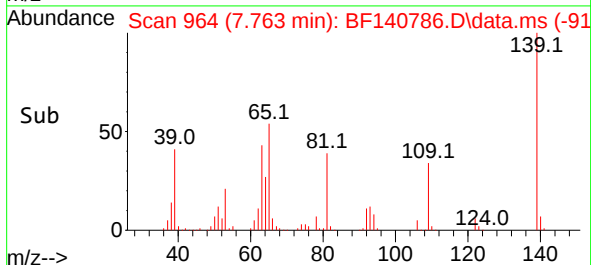
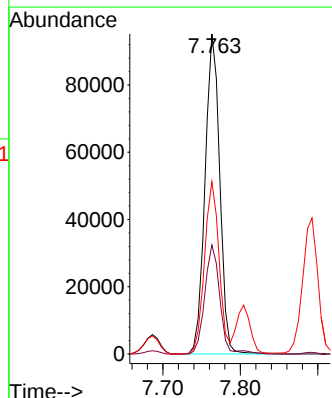
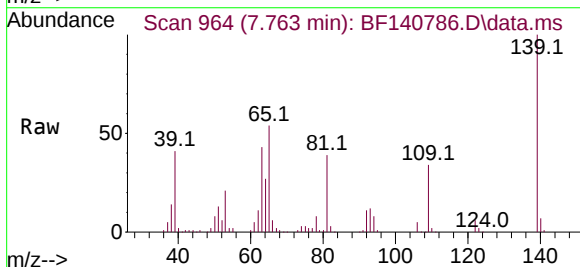
Manual Integrations
APPROVED

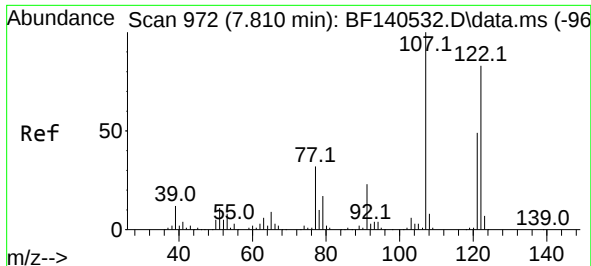
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 50.233 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Tgt Ion:139 Resp: 125348
Ion Ratio Lower Upper
139 100
109 34.0 28.0 42.0
65 53.8 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 62.431 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

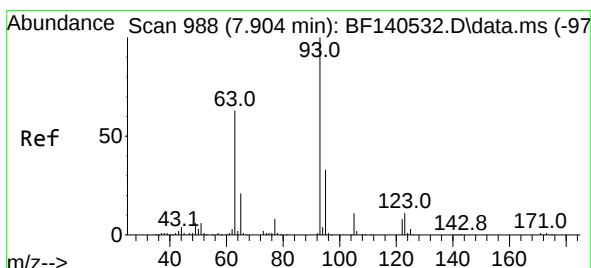
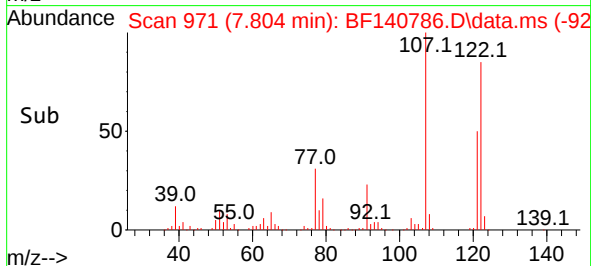
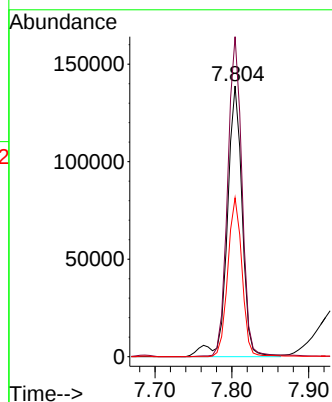
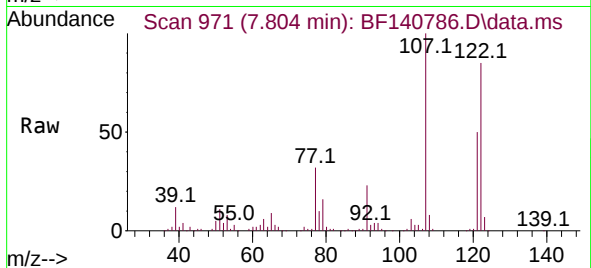
PB165432BSD

Tgt Ion:122 Resp: 18639
Ion Ratio Lower Upper
122 100
107 118.2 96.8 145.2
121 58.7 47.4 71.0

Manual Integrations

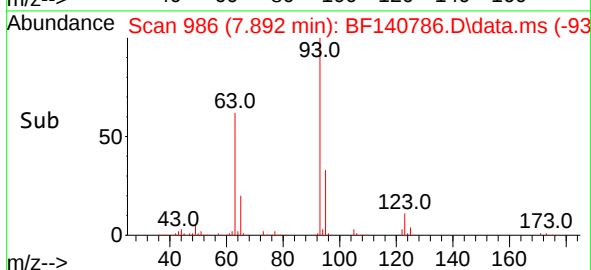
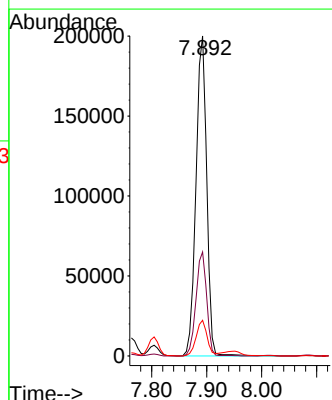
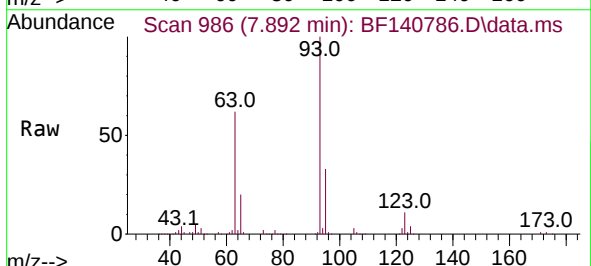
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 48.982 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Tgt Ion: 93 Resp: 271159
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.366 ng

RT: 8.016 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165432BSD

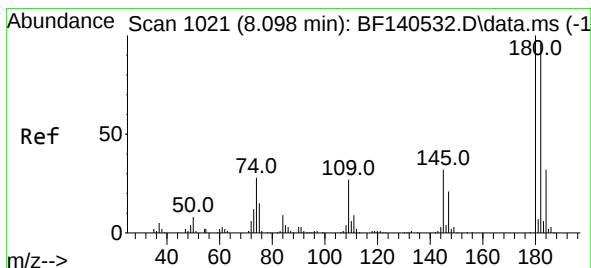
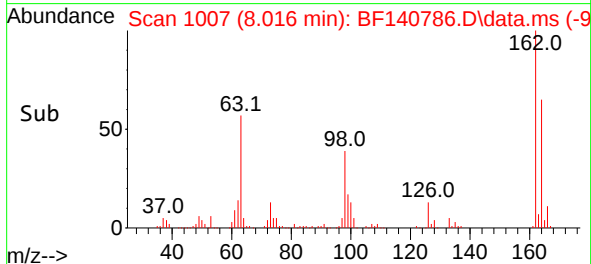
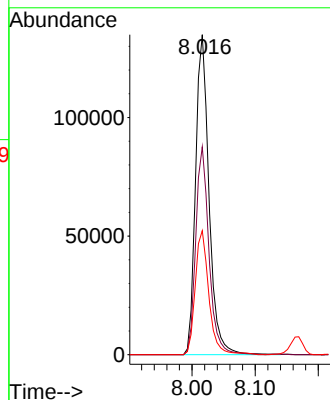
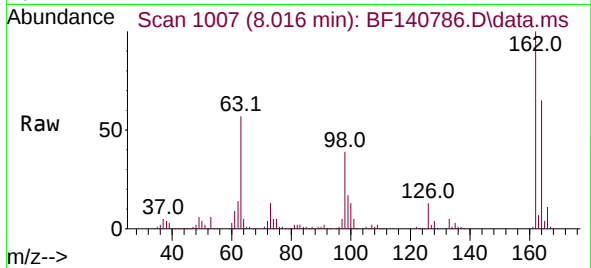
Tgt Ion:162	Resp: 19925
Ion Ratio	Lower Upper
162 100	
164 65.0	44.8 84.8
98 38.8	21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.250 ng

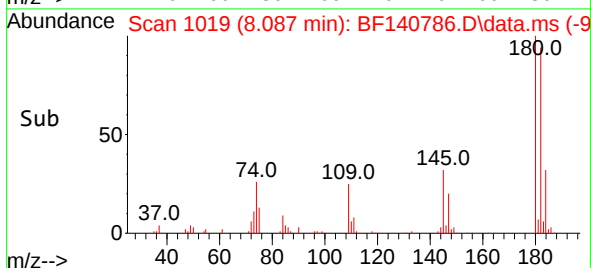
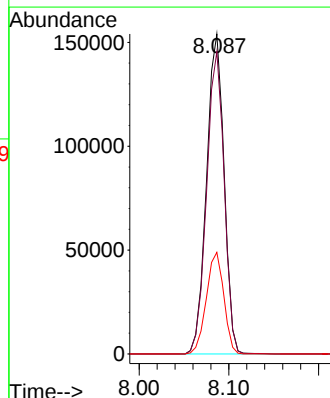
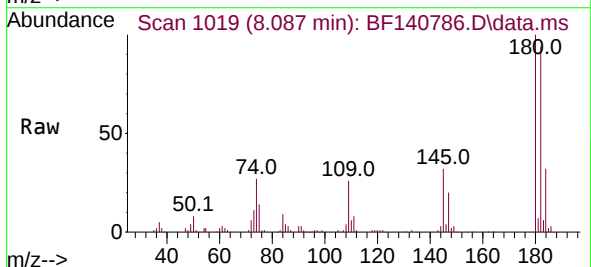
RT: 8.087 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

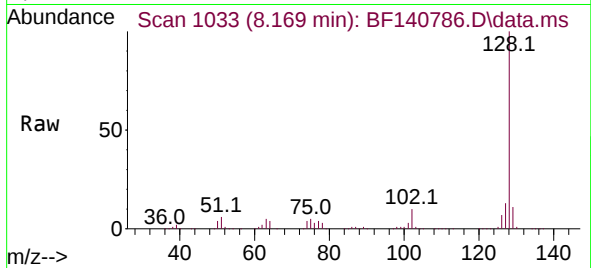
Tgt Ion:180	Resp: 208911
Ion Ratio	Lower Upper
180 100	
182 94.5	76.4 114.6
145 31.8	25.9 38.9





#31
Naphthalene
Concen: 47.839 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

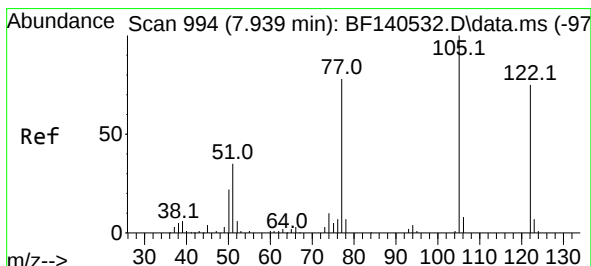
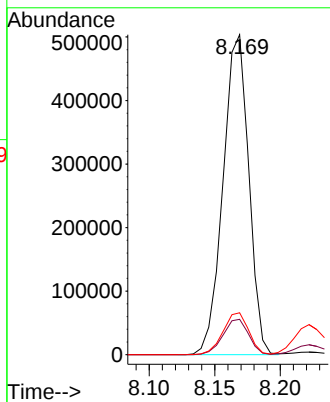
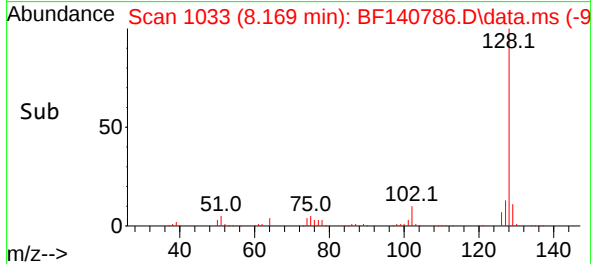
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



Tgt Ion:128 Resp: 68668
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.8 16.2

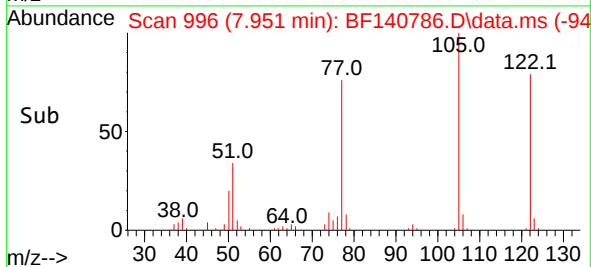
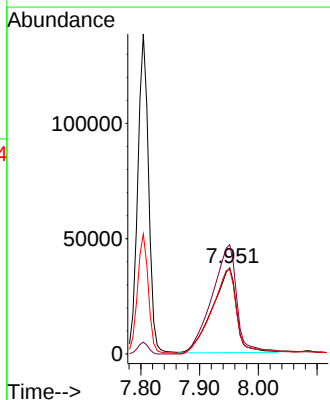
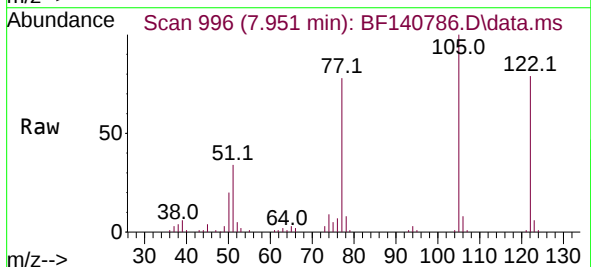
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 41.601 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Tgt Ion:122 Resp: 105154
Ion Ratio Lower Upper
122 100
105 126.9 109.3 149.3
77 98.4 82.3 122.3





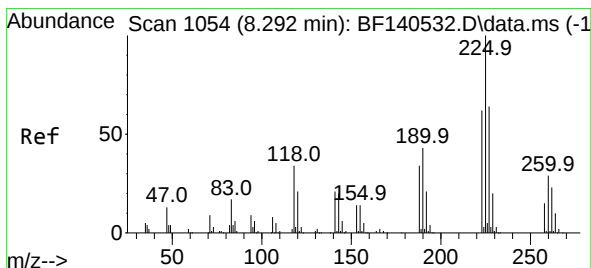
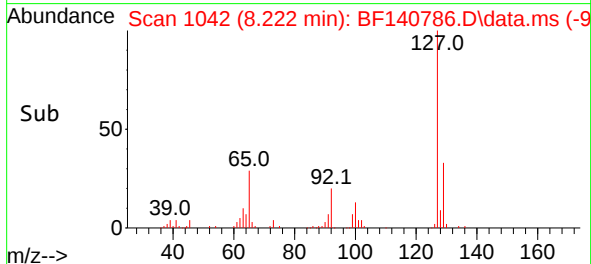
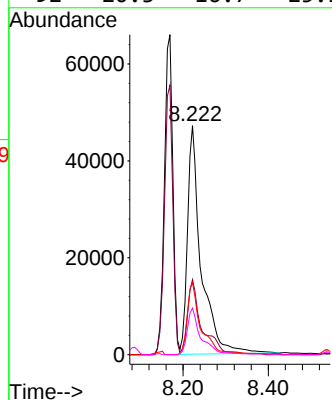
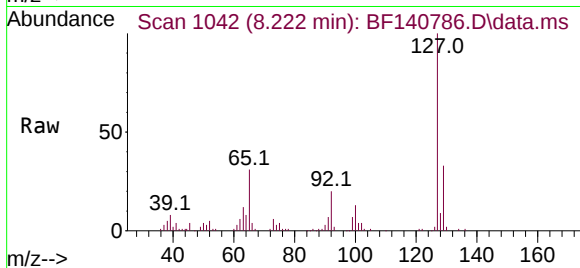
#33
4-Chloroaniline
Concen: 24.432 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB165432BSD

Tgt Ion:	127	Resp:	105000
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.0	39.0
65	31.5	26.0	39.0
92	20.3	16.7	25.1

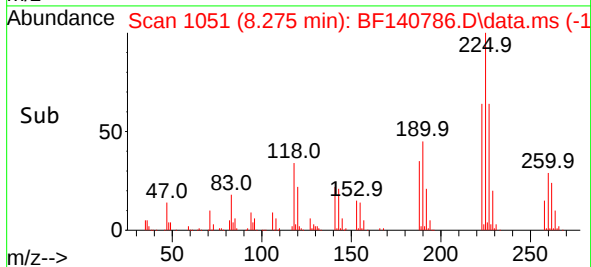
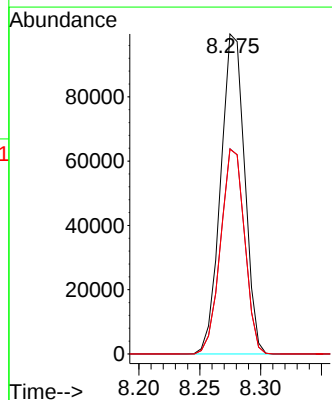
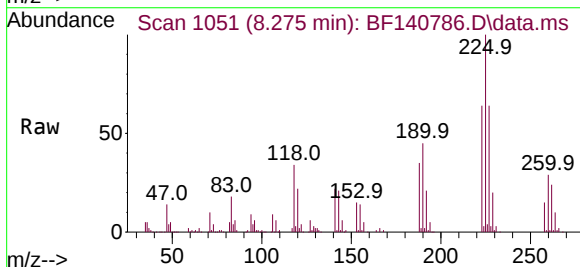
Manual Integrations
APPROVED

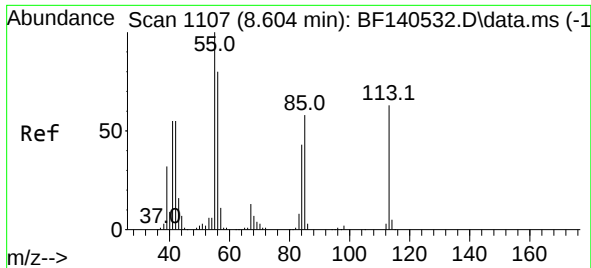
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 45.531 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

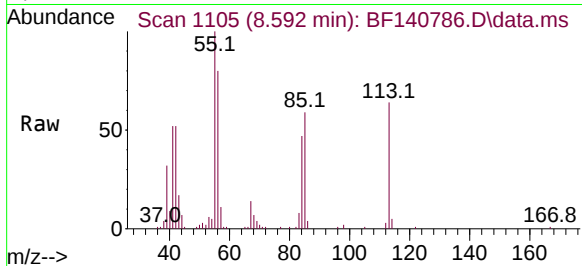
Tgt Ion:	225	Resp:	136222
Ion Ratio	Lower	Upper	
225	100		
223	64.2	49.8	74.8
227	64.0	51.3	76.9





#35
Caprolactam
Concen: 51.758 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

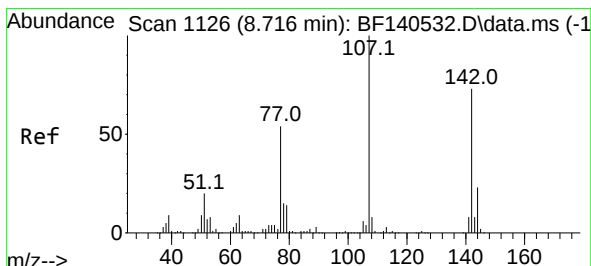
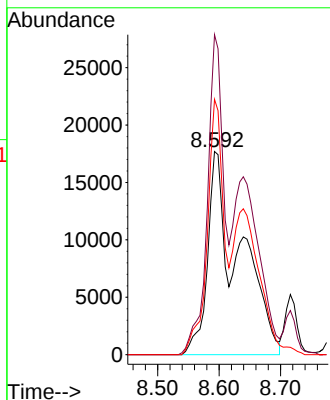
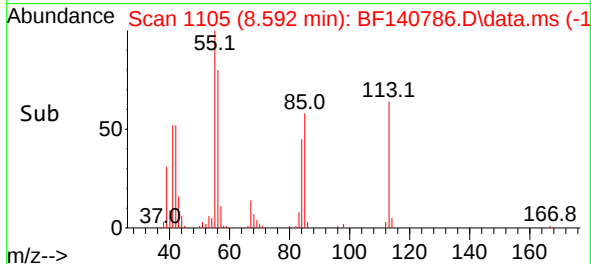
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



Tgt Ion:113 Resp: 6336
Ion Ratio Lower Upper
113 100
55 157.4 137.7 177.7
56 125.6 106.4 146.4

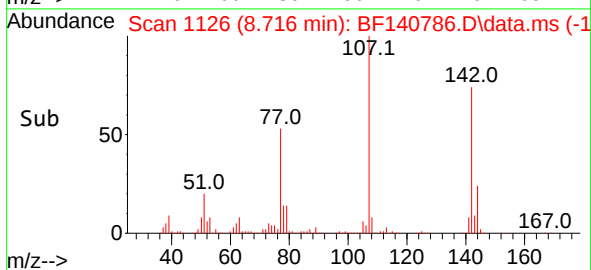
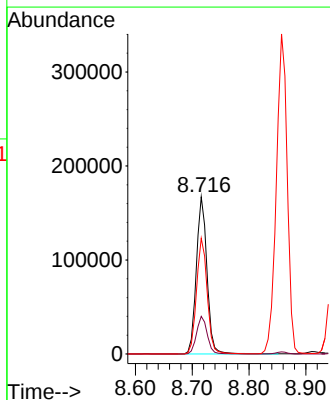
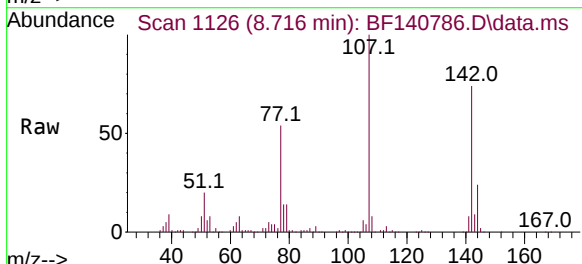
Manual Integrations
APPROVED

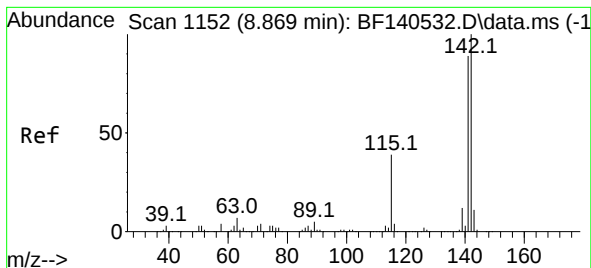
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#36
4-Chloro-3-methylphenol
Concen: 49.467 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Tgt Ion:107 Resp: 219110
Ion Ratio Lower Upper
107 100
144 23.9 18.7 28.1
142 73.6 58.3 87.5





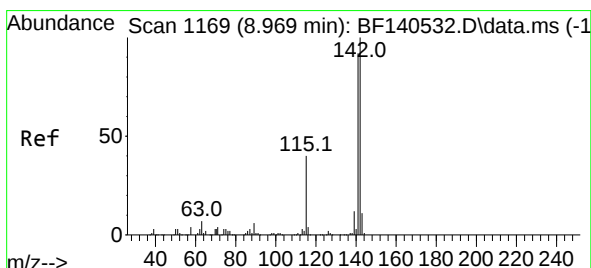
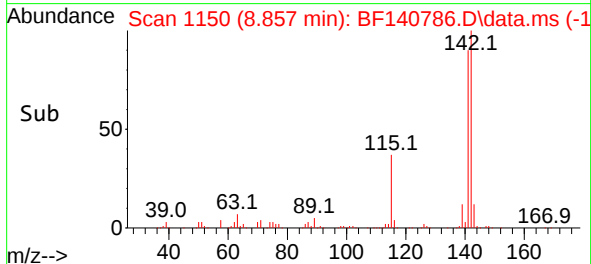
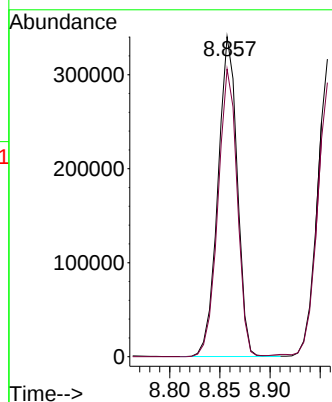
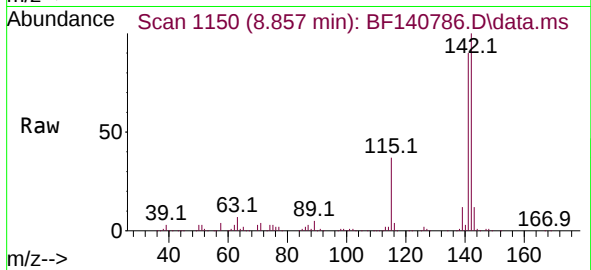
#37
2-Methylnaphthalene
Concen: 49.928 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB165432BSD

Tgt Ion:142 Resp: 45520
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6

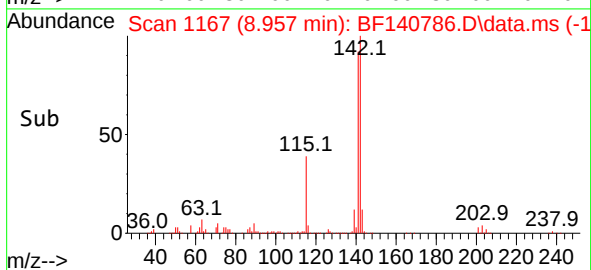
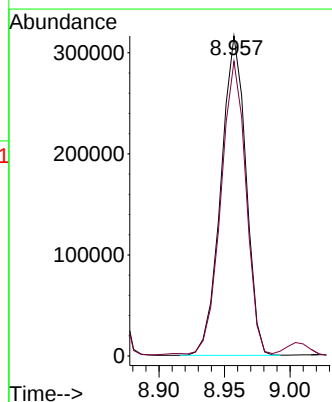
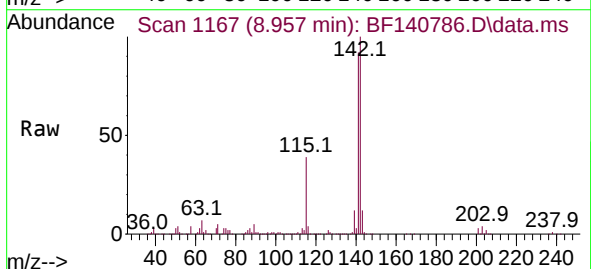
Manual Integrations
APPROVED

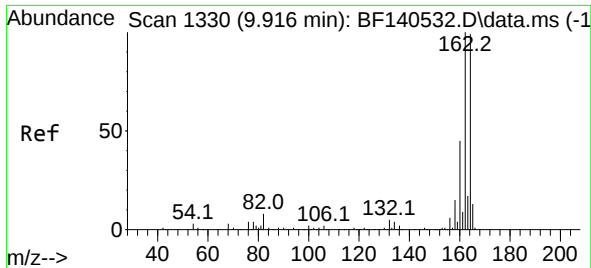
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#38
1-Methylnaphthalene
Concen: 46.948 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

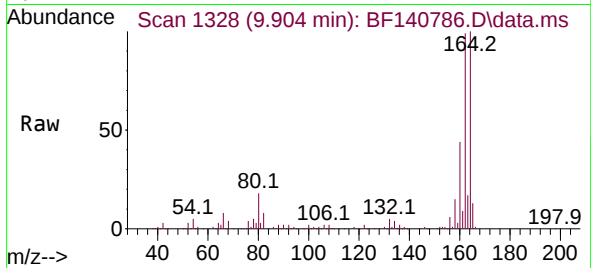
Tgt Ion:142 Resp: 419555
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

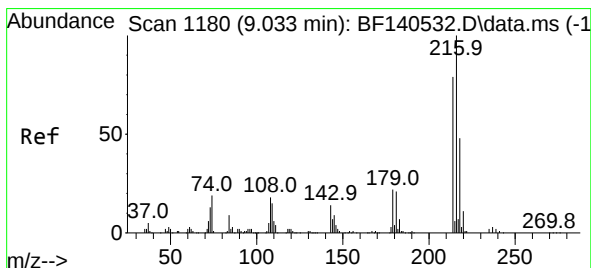
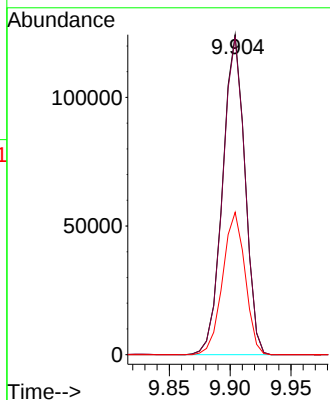
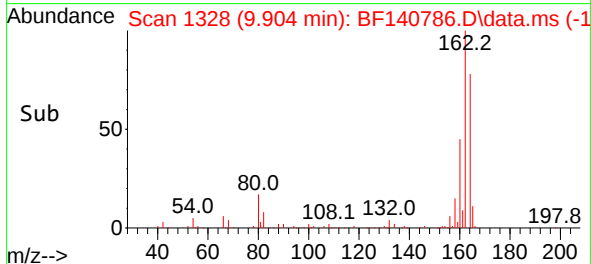
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



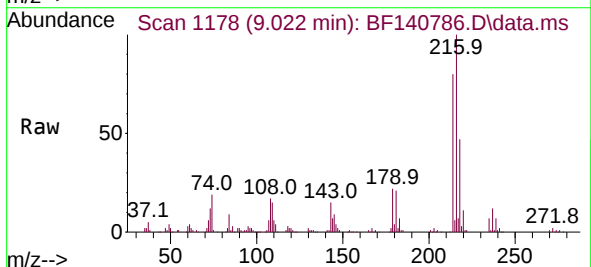
Tgt Ion:164 Resp: 15838
Ion Ratio Lower Upper
164 100
162 99.1 80.6 120.8
160 44.5 36.2 54.4

Manual Integrations
APPROVED

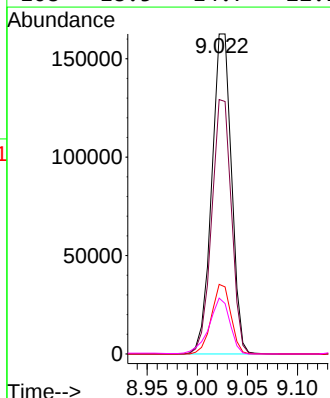
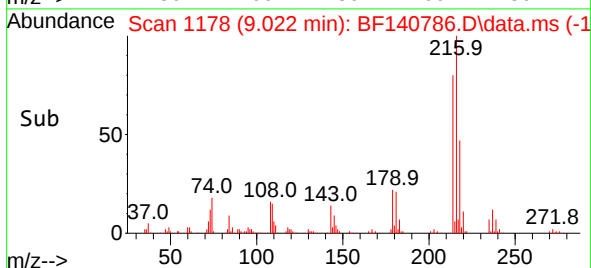
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.999 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



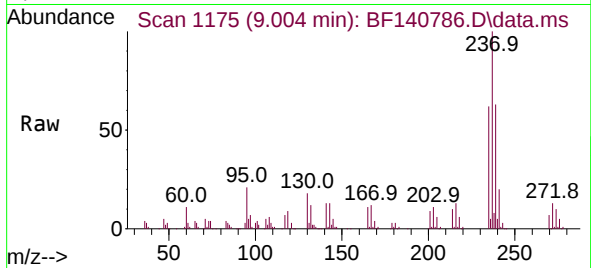
Tgt Ion:216 Resp: 222560
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.4
179 21.3 17.5 26.3
108 18.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 126.956 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

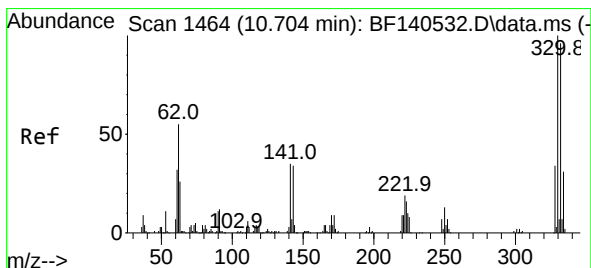
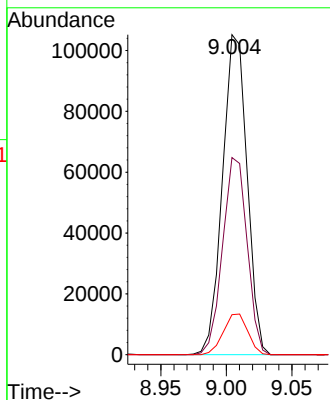
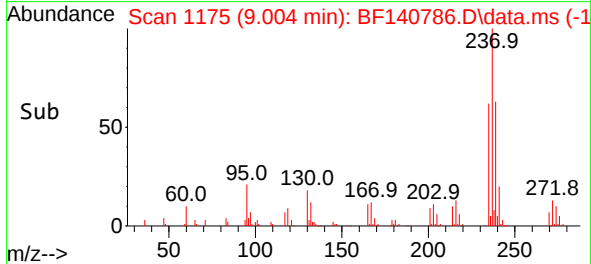
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



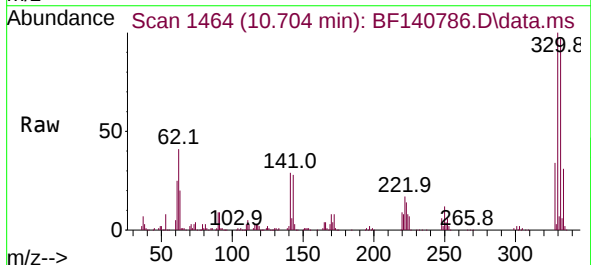
Tgt Ion:237 Resp: 137220
Ion Ratio Lower Upper
237 100
235 61.6 41.1 81.1
272 12.5 0.0 32.6

Manual Integrations
APPROVED

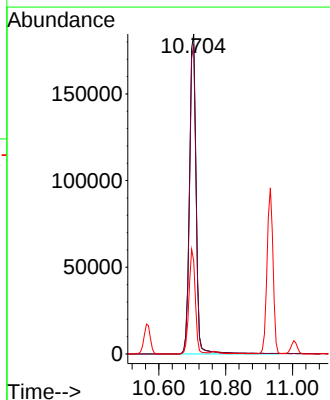
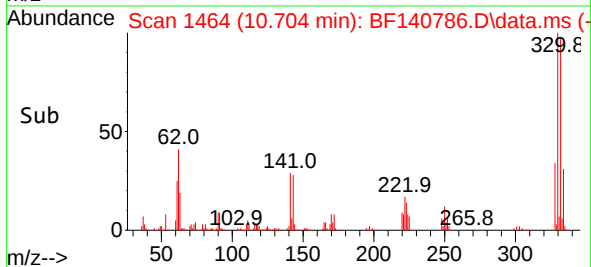
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 149.827 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



Tgt Ion:330 Resp: 253798
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 31.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 47.609 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165432BSD

Tgt Ion:196 Resp: 13851

Ion Ratio Lower Upper

196 100

198 95.3 76.8 115.2

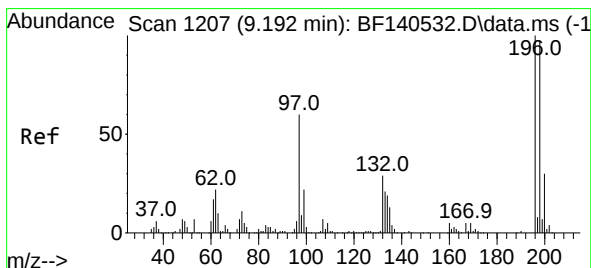
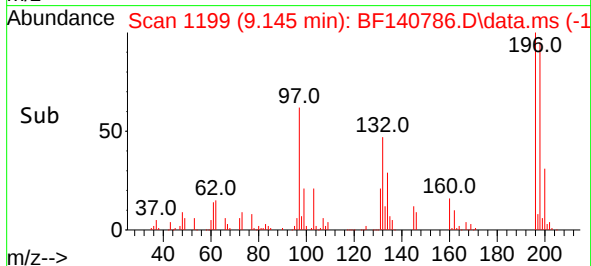
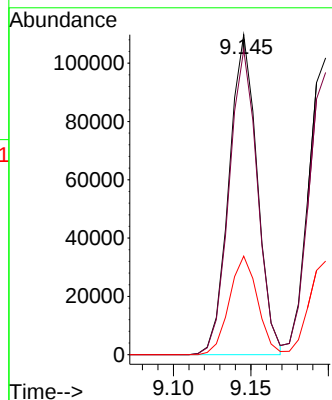
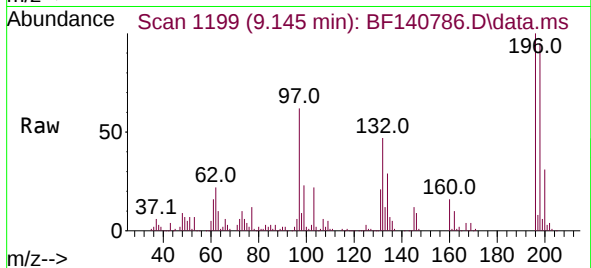
200 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#44

2,4,5-Trichlorophenol

Concen: 47.369 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Tgt Ion:196 Resp: 149574

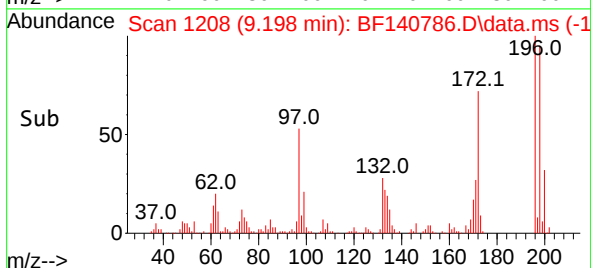
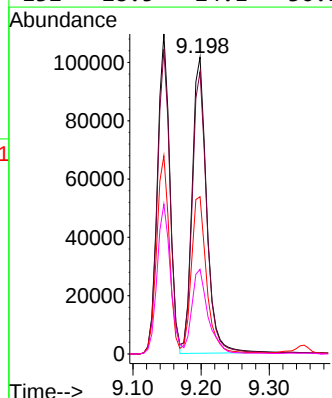
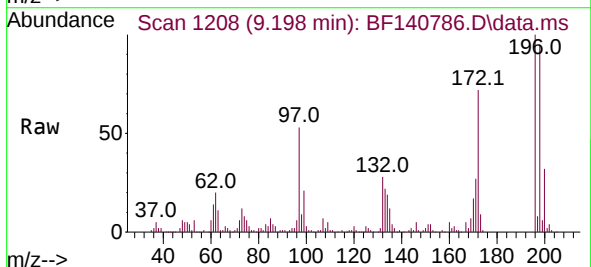
Ion Ratio Lower Upper

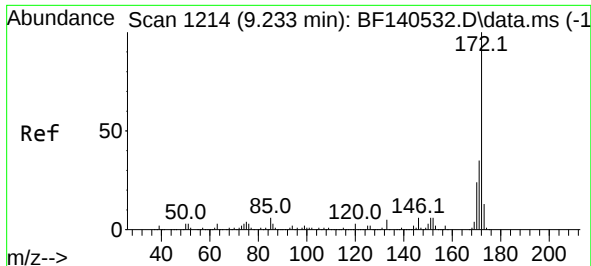
196 100

198 95.1 77.2 115.8

97 53.0 47.1 70.7

132 28.5 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 96.374 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140786.D

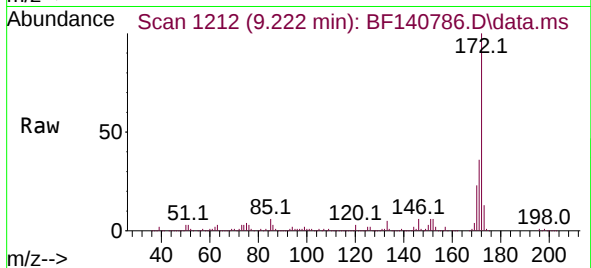
Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165432BSD



Tgt Ion:172 Resp: 102448

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

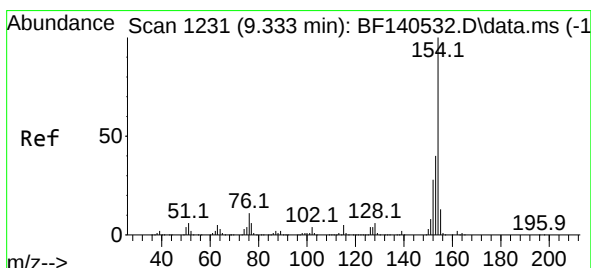
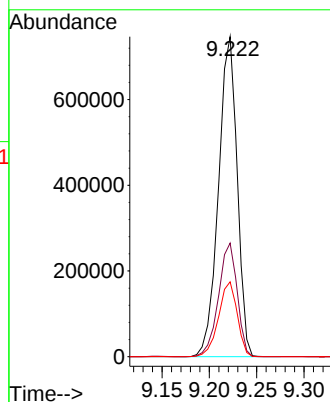
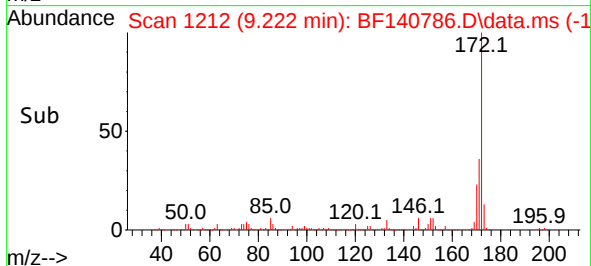
170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#46

1,1'-Biphenyl

Concen: 48.083 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

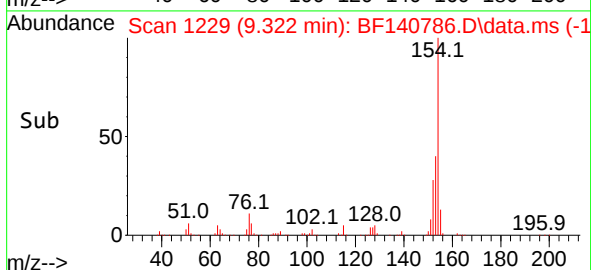
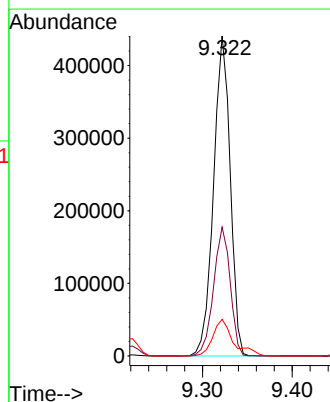
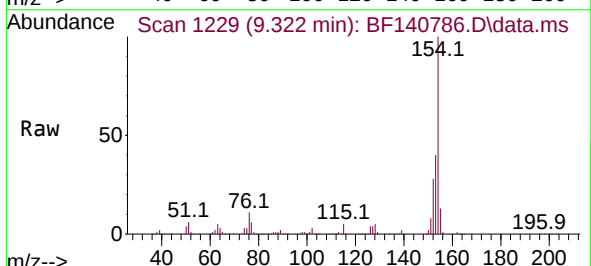
Tgt Ion:154 Resp: 568594

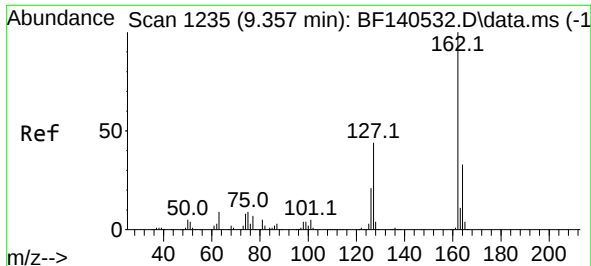
Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

76 11.5 0.0 31.2





#47

2-Chloronaphthalene

Concen: 47.285 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165432BSD

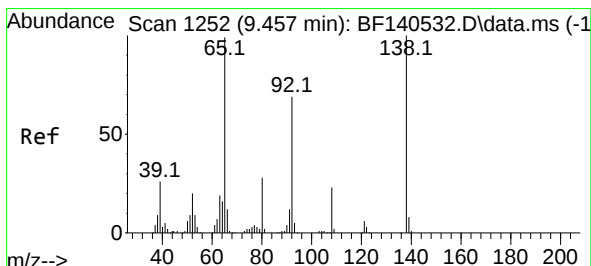
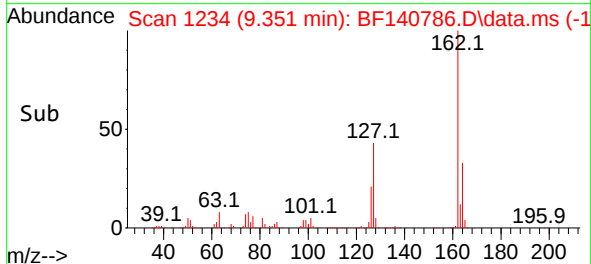
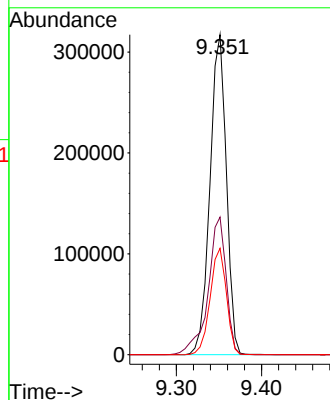
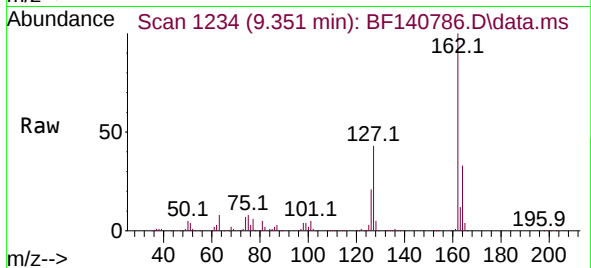
Tgt Ion:162 Resp: 42368
 Ion Ratio Lower Upper
 162 100
 127 43.0 35.7 53.5
 164 33.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 48.461 ng

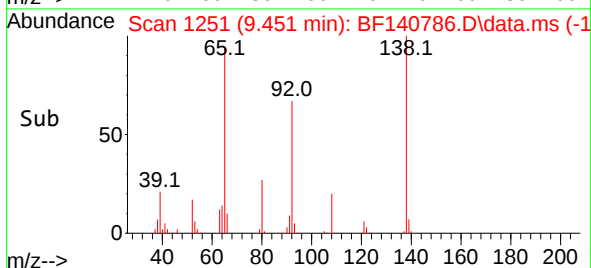
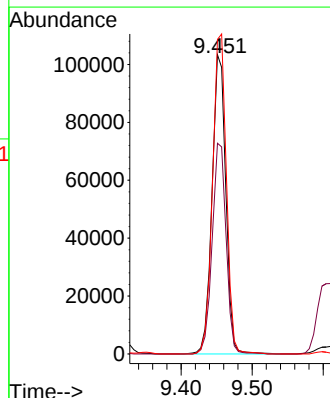
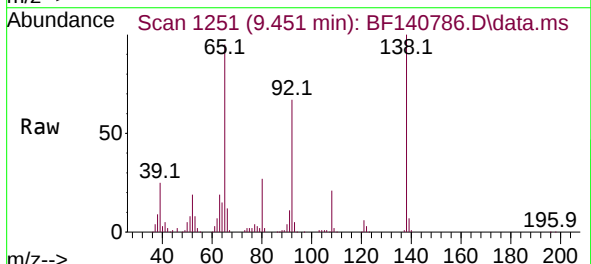
RT: 9.451 min Scan# 1251

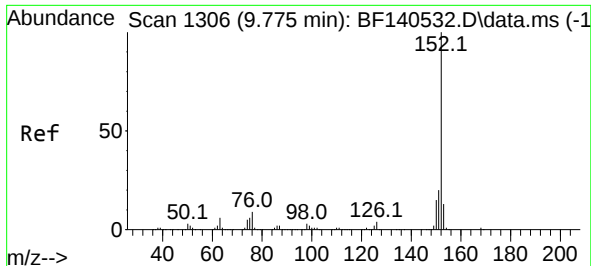
Delta R.T. -0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

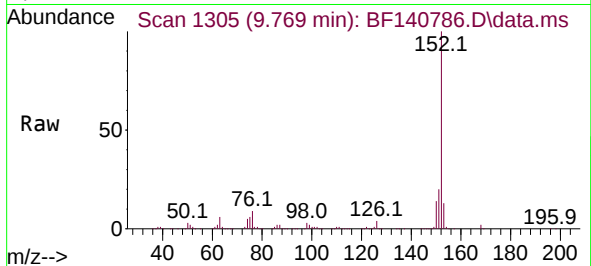
Tgt Ion: 65 Resp: 139377
 Ion Ratio Lower Upper
 65 100
 92 70.4 56.1 84.1
 138 105.1 81.0 121.6





#49
Acenaphthylene
Concen: 51.971 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

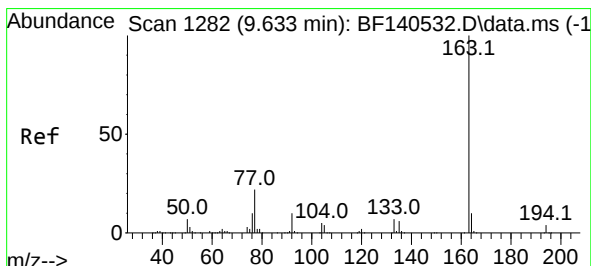
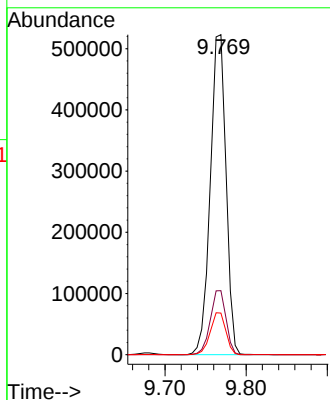
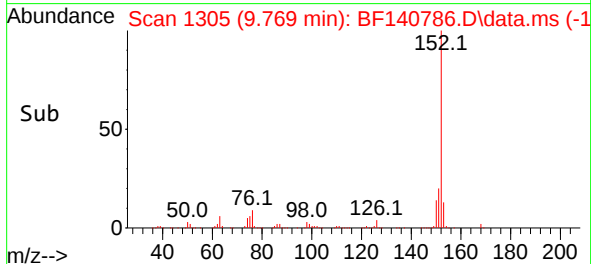
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



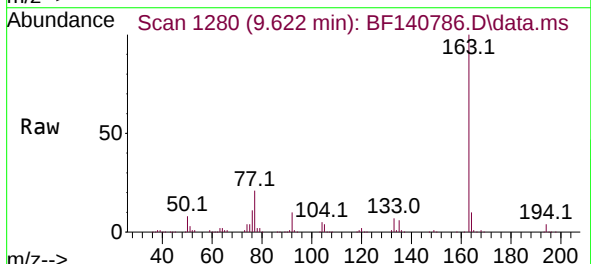
Tgt Ion:152 Resp: 70359
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.0 10.6 16.0

Manual Integrations
APPROVED

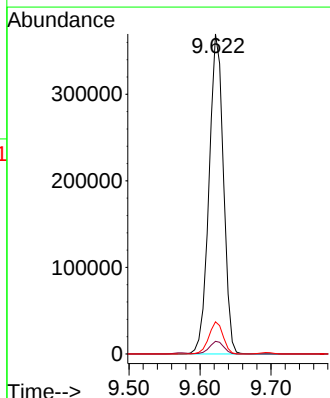
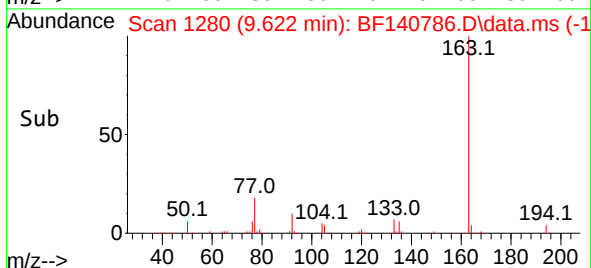
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

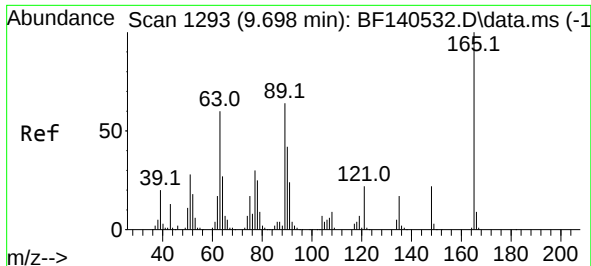


#50
Dimethylphthalate
Concen: 49.909 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



Tgt Ion:163 Resp: 520609
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.626 ng
RT: 9.692 min Scan# 11267
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

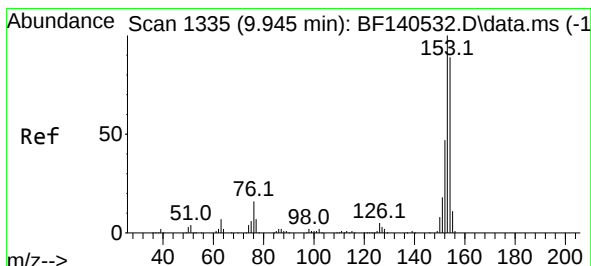
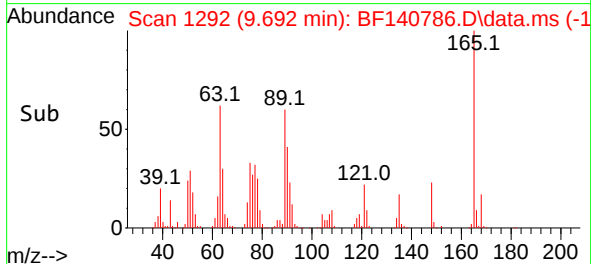
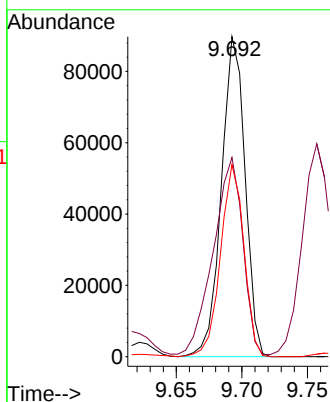
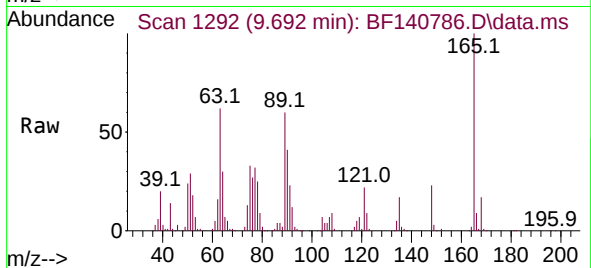
ClientSampleId :

PB165432BSD

Tgt Ion:165 Resp: 11267
Ion Ratio Lower Upper
165 100
63 62.2 49.9 74.9
89 60.0 50.9 76.3

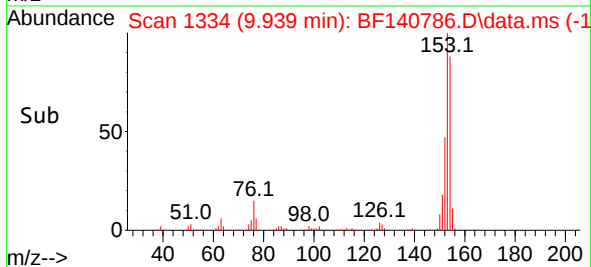
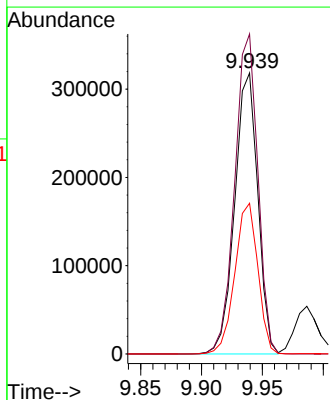
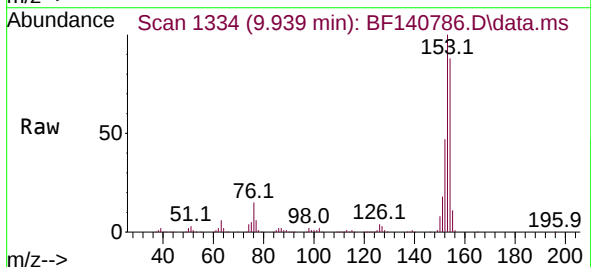
Manual Integrations
APPROVED

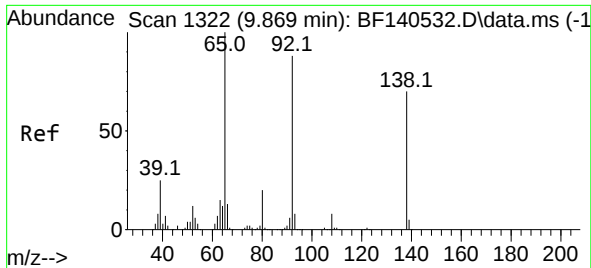
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#52
Acenaphthene
Concen: 48.894 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Tgt Ion:154 Resp: 420591
Ion Ratio Lower Upper
154 100
153 113.9 89.7 134.5
152 53.6 42.5 63.7





#53
3-Nitroaniline
Concen: 31.139 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

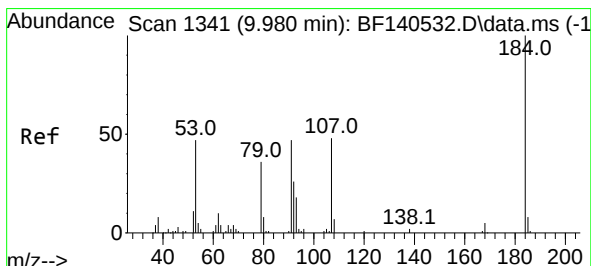
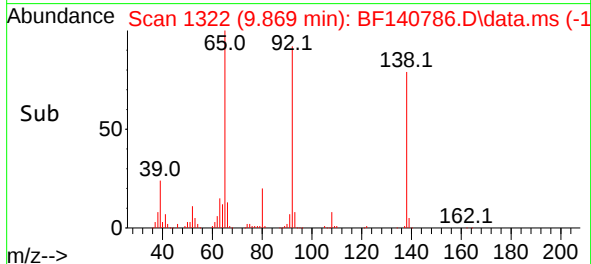
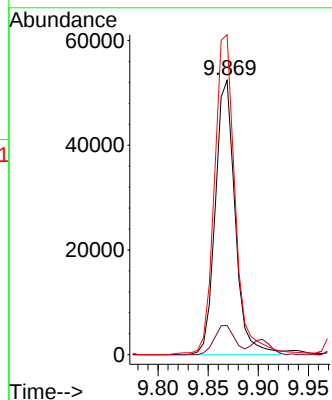
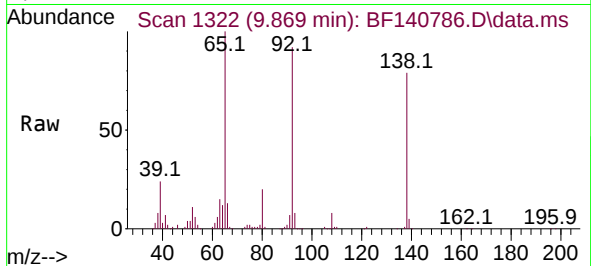
PB165432BSD

Tgt Ion:138 Resp: 72049
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 116.7 100.6 150.8

Manual Integrations

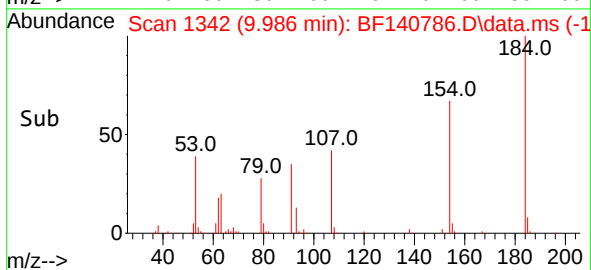
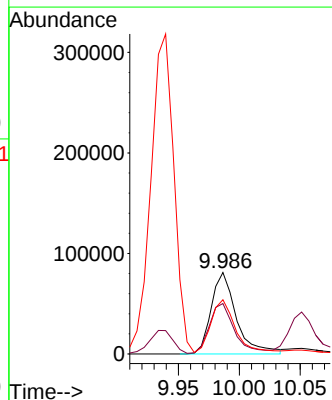
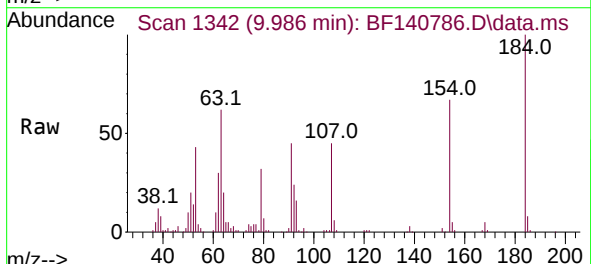
APPROVED

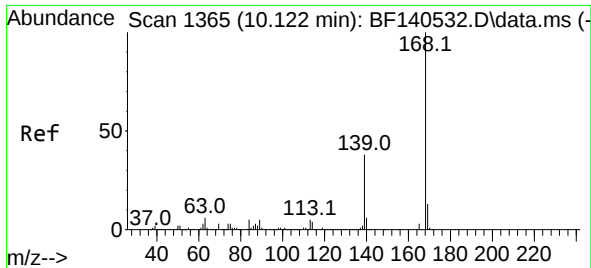
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#54
2,4-Dinitrophenol
Concen: 93.953 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

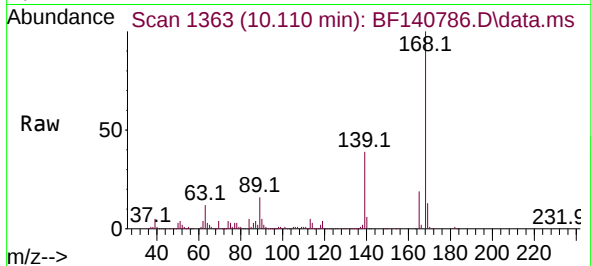
Tgt Ion:184 Resp: 116967
Ion Ratio Lower Upper
184 100
63 62.0 54.1 81.1
154 66.6 57.4 86.0





#55
Dibenzenofuran
Concen: 49.229 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

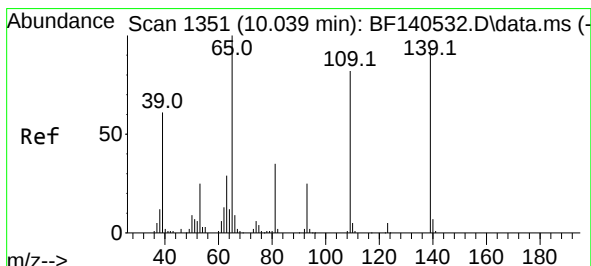
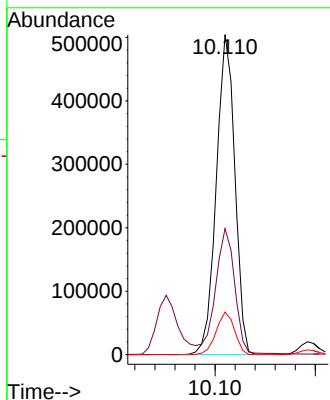
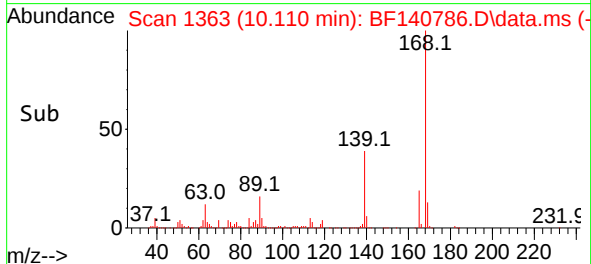
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



Tgt Ion:168 Resp: 645934
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 13.3 10.5 15.7

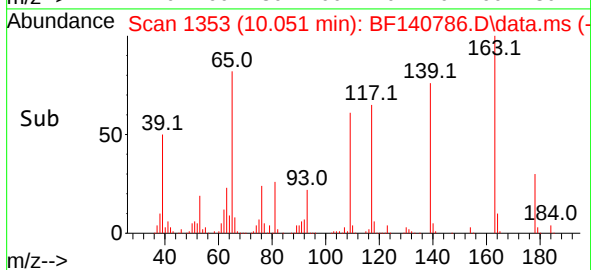
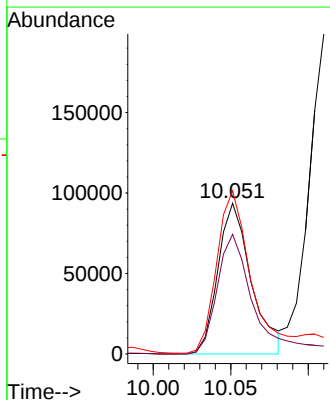
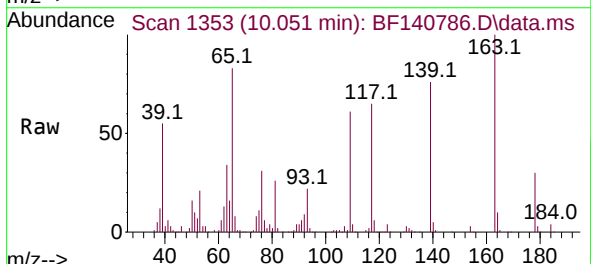
Manual Integrations
APPROVED

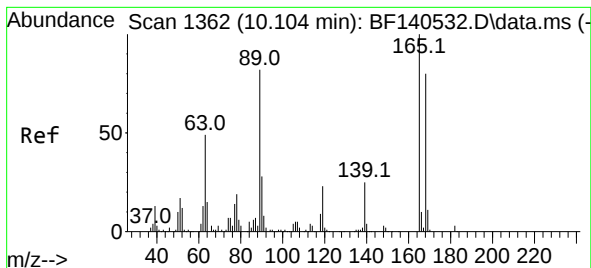
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#56
4-Nitrophenol
Concen: 88.629 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

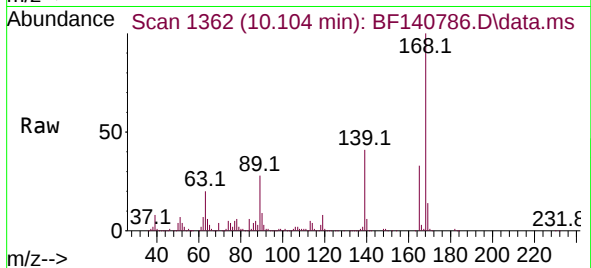
Tgt Ion:139 Resp: 139857
Ion Ratio Lower Upper
139 100
109 79.4 68.4 108.4
65 108.3 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 48.834 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

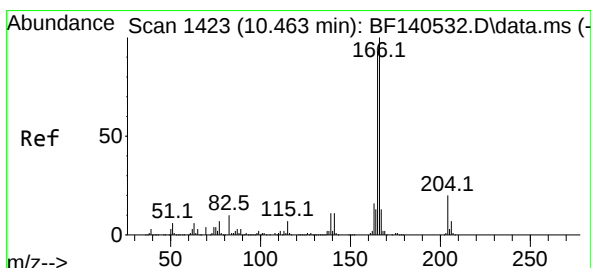
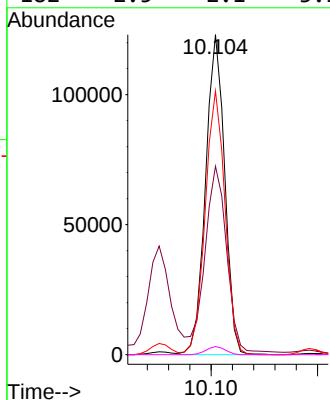
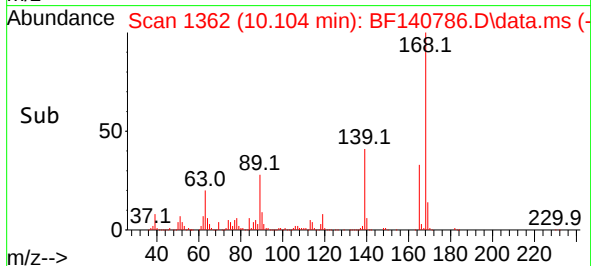
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



Tgt Ion:165 Resp: 153539
Ion Ratio Lower Upper
165 100
63 58.9 41.7 62.5
89 82.4 65.8 98.8
182 2.5 2.1 3.1

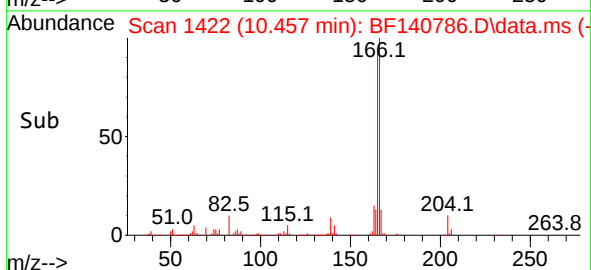
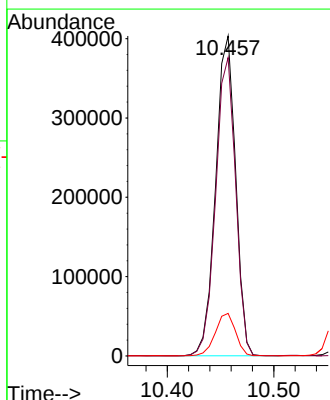
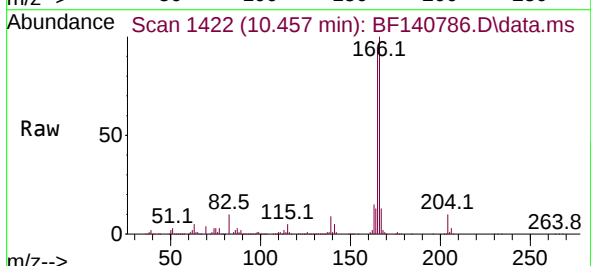
Manual Integrations
APPROVED

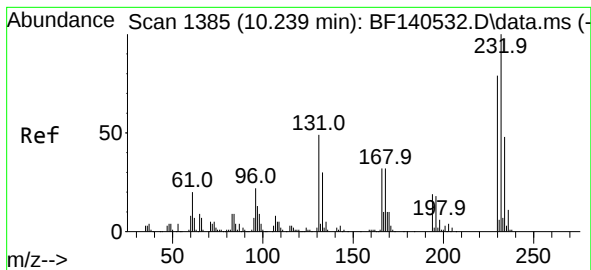
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#58
Fluorene
Concen: 49.670 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

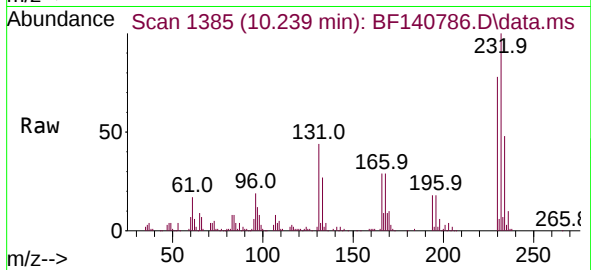
Tgt Ion:166 Resp: 523114
Ion Ratio Lower Upper
166 100
165 93.3 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.314 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

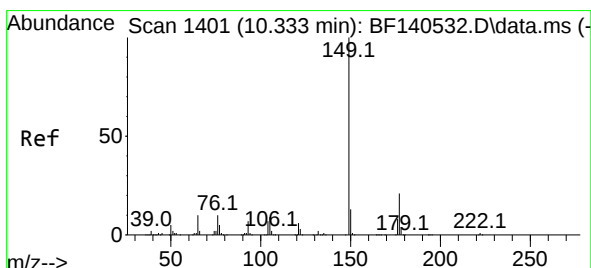
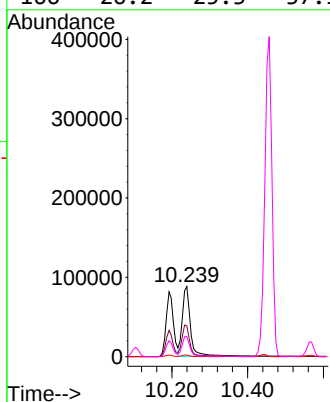
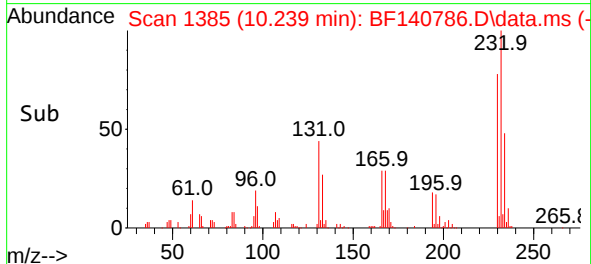
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



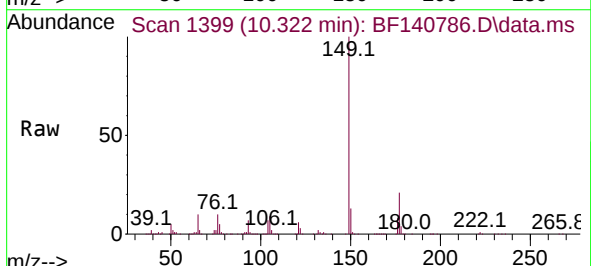
Tgt Ion:232 Resp: 134235
Ion Ratio Lower Upper
232 100
131 40.8 39.6 59.4
130 2.0 1.9 2.9
166 26.2 25.3 37.9

Manual Integrations
APPROVED

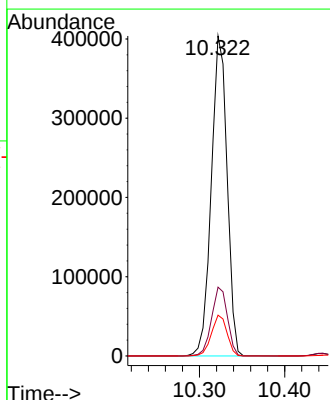
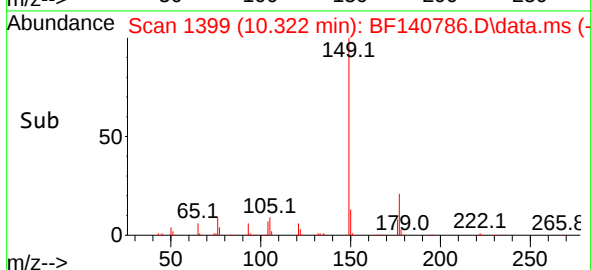
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

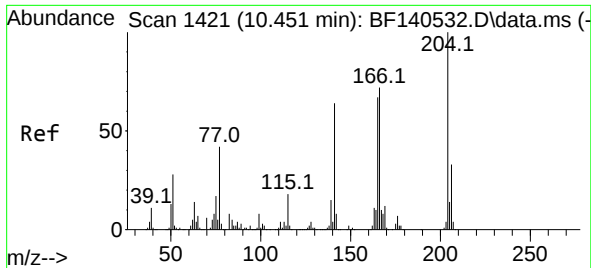


#60
Diethylphthalate
Concen: 49.103 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



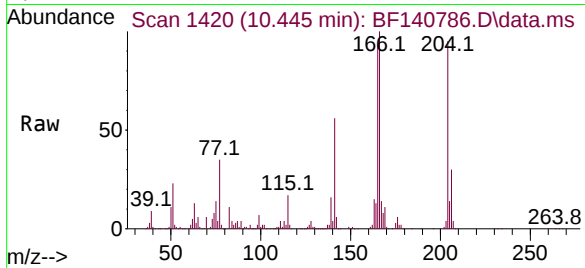
Tgt Ion:149 Resp: 520400
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.348 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

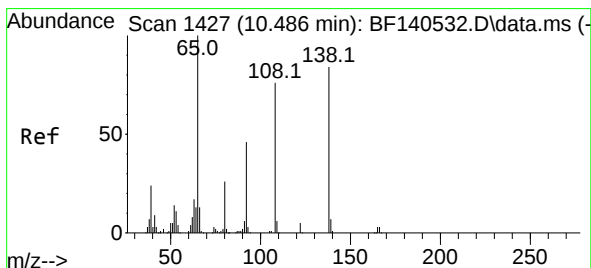
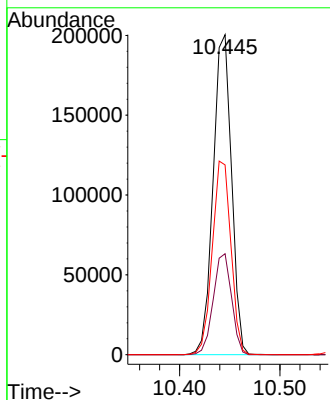
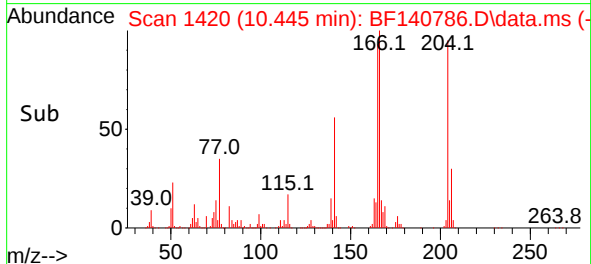
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



Tgt Ion:204 Resp: 25505
Ion Ratio Lower Upper
204 100
206 31.6 26.6 40.0
141 59.3 51.1 76.7

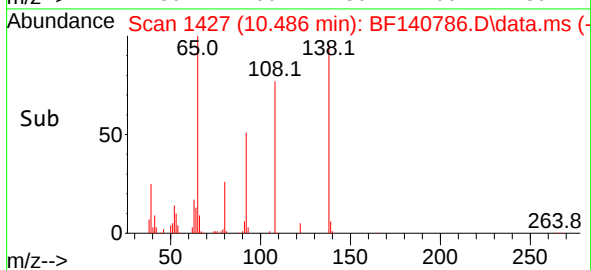
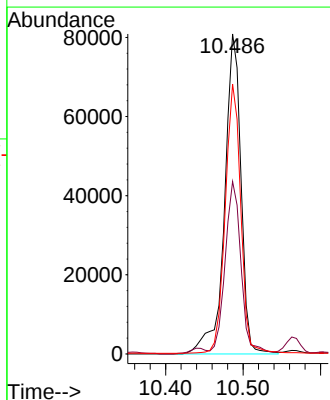
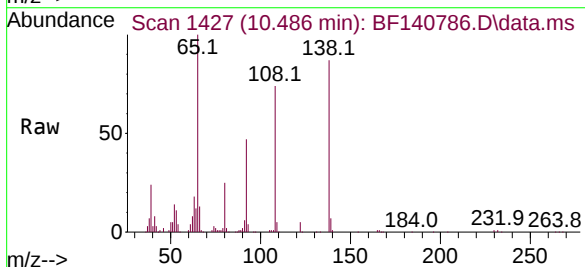
Manual Integrations
APPROVED

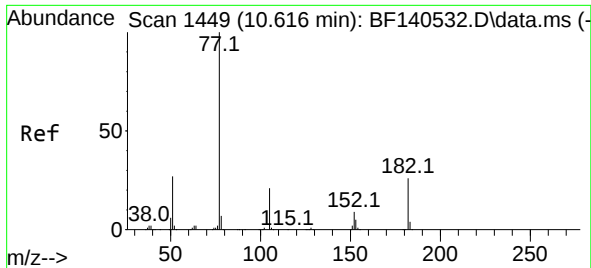
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 49.210 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

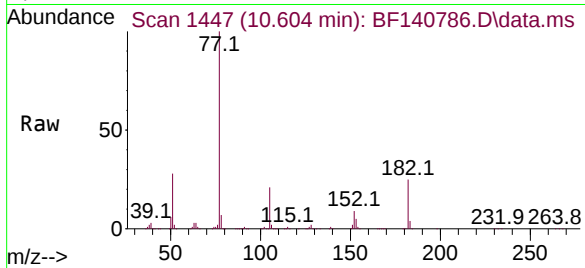
Tgt Ion:138 Resp: 119420
Ion Ratio Lower Upper
138 100
92 53.9 34.5 74.5
108 84.4 70.6 110.6





#63
Azobenzene
Concen: 49.162 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

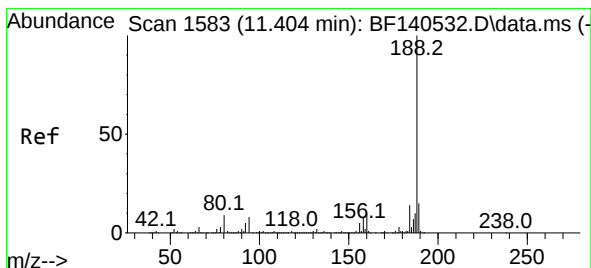
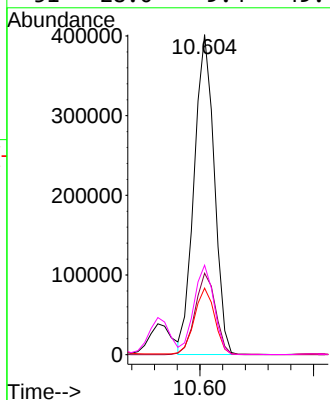
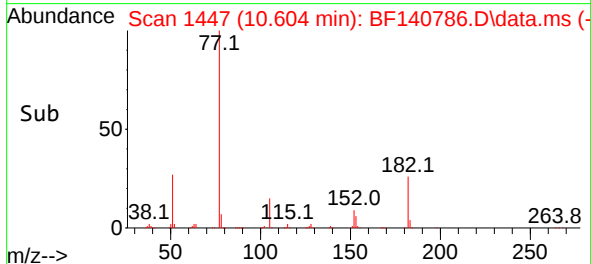
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



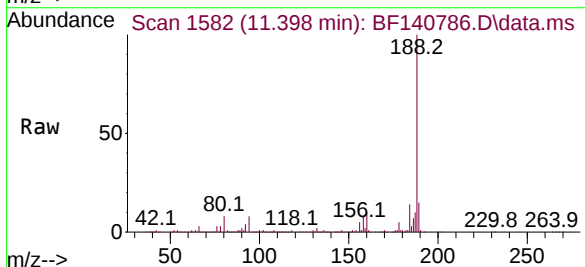
Tgt Ion: 77 Resp: 49341
Ion Ratio Lower Upper
77 100
182 25.5 5.3 45.3
105 20.8 0.3 40.3
51 28.0 9.4 49.4

Manual Integrations
APPROVED

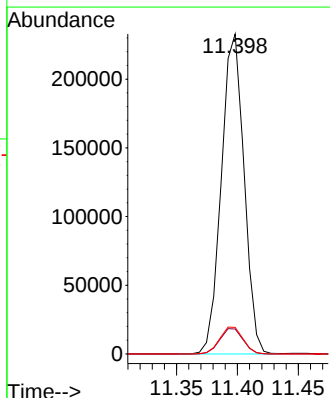
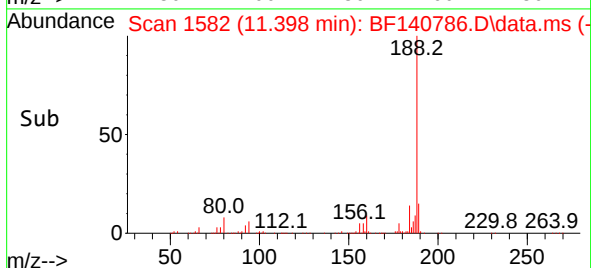
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

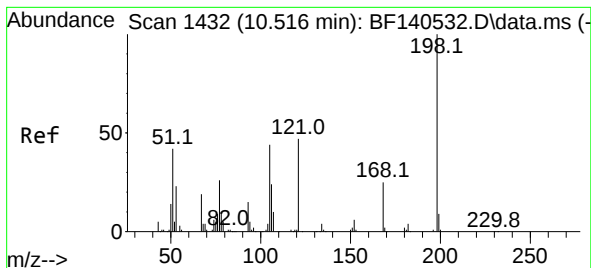


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



Tgt Ion:188 Resp: 302865
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.3 6.9 10.3





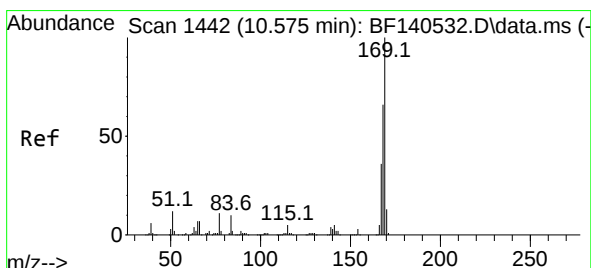
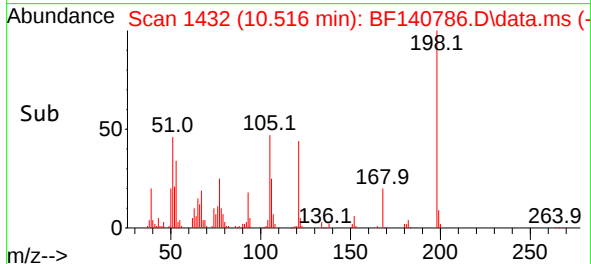
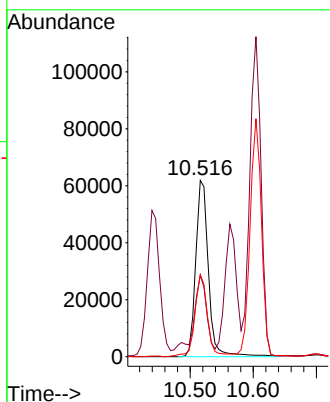
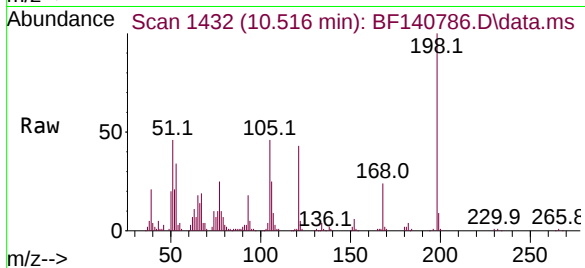
#65
4,6-Dinitro-2-methylphenol
Concen: 55.993 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB165432BSD

Tgt Ion:198 Resp: 86658
Ion Ratio Lower Upper
198 100
51 46.3 29.4 69.4
105 46.5 25.4 65.4

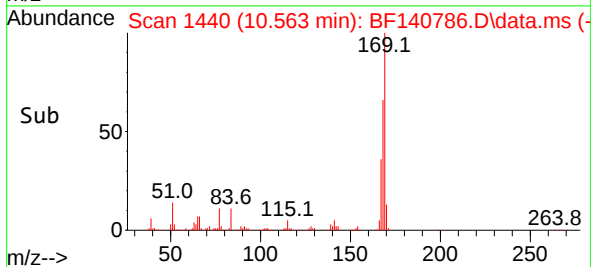
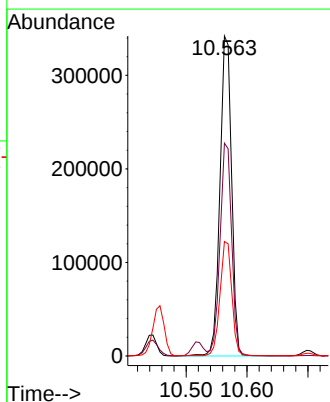
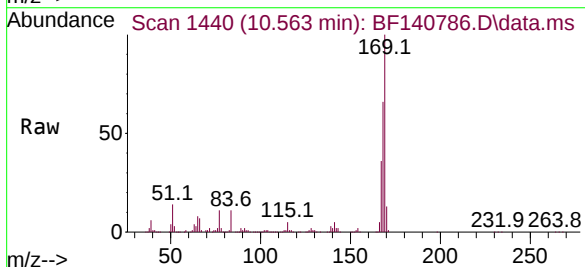
Manual Integrations
APPROVED

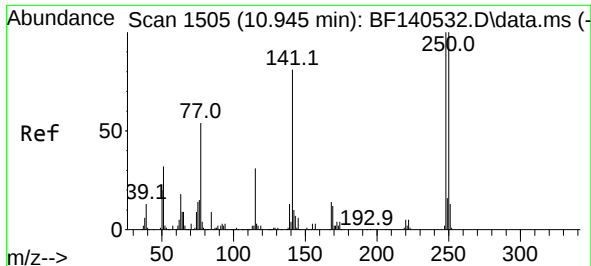
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 50.649 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

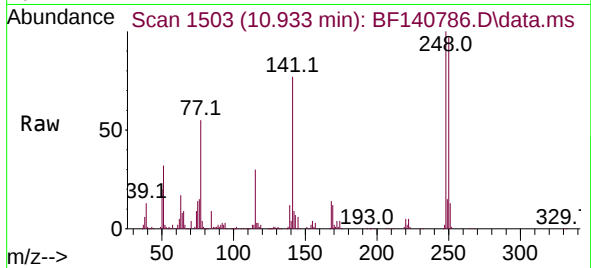
Tgt Ion:169 Resp: 453637
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.117 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

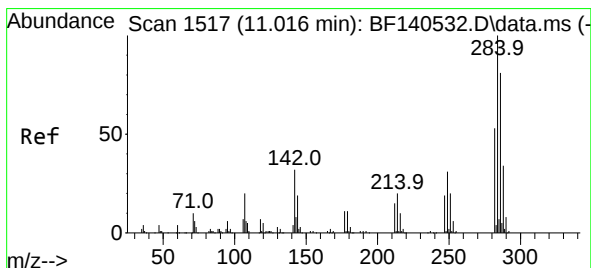
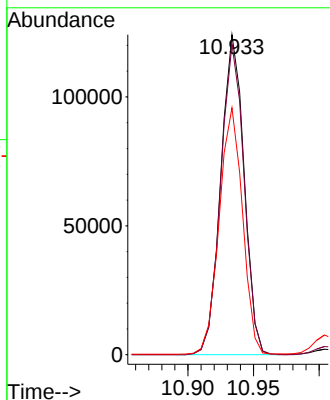
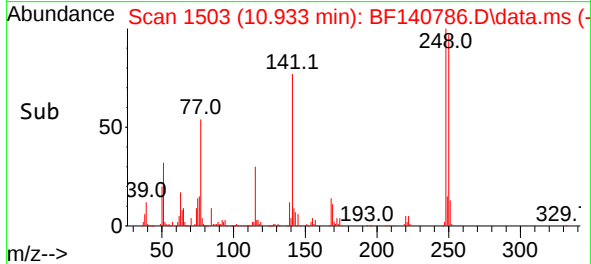
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



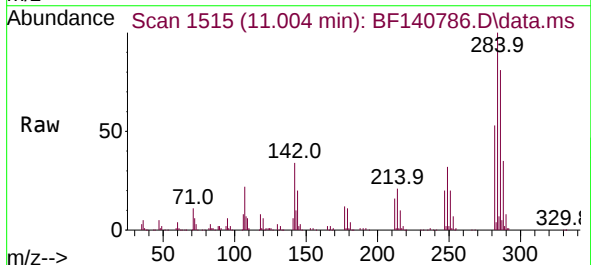
Tgt Ion:248 Resp: 153198
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 77.2 64.7 97.1

Manual Integrations
APPROVED

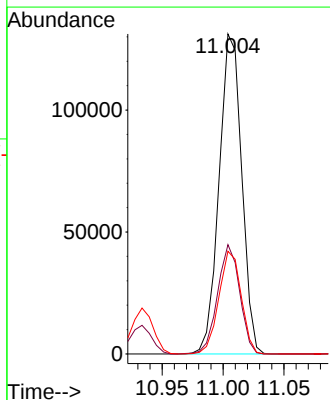
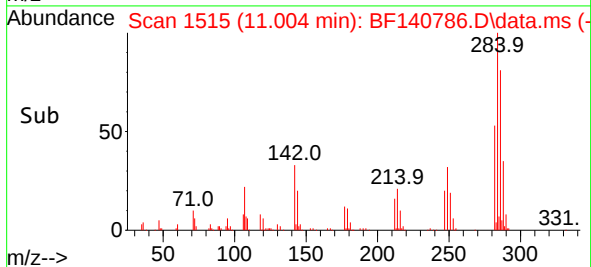
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 46.910 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



Tgt Ion:284 Resp: 169419
Ion Ratio Lower Upper
284 100
142 34.2 25.3 37.9
249 32.1 24.8 37.2





#69

Atrazine

Concen: 57.109 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165432BSD

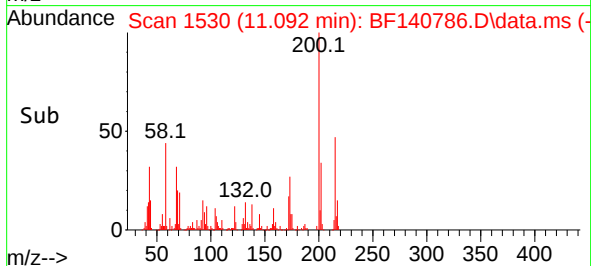
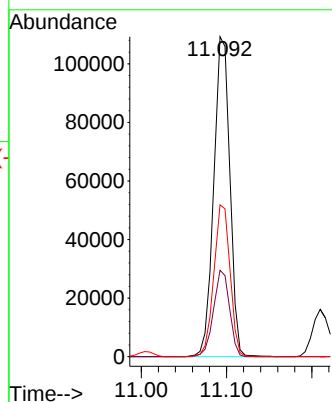
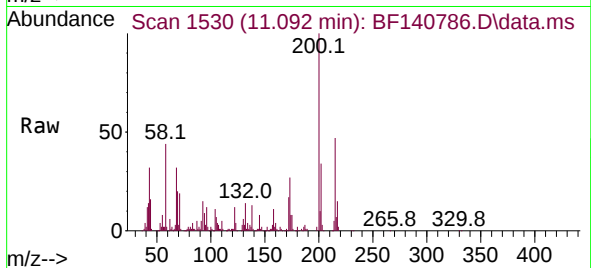
Tgt Ion:200 Resp: 143894
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.0 47.0
 215 47.5 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 84.875 ng

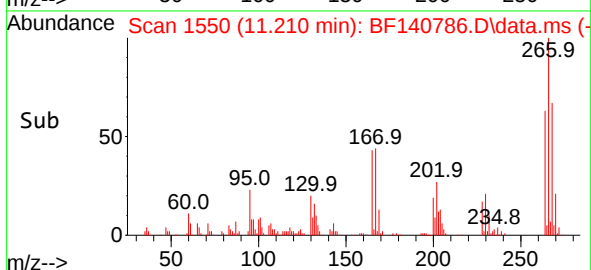
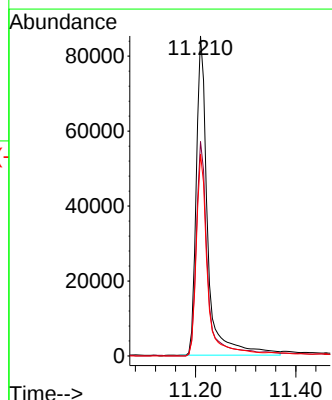
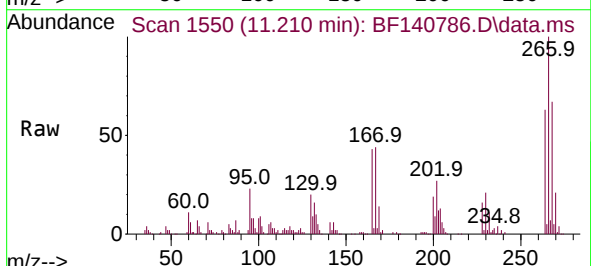
RT: 11.210 min Scan# 1550

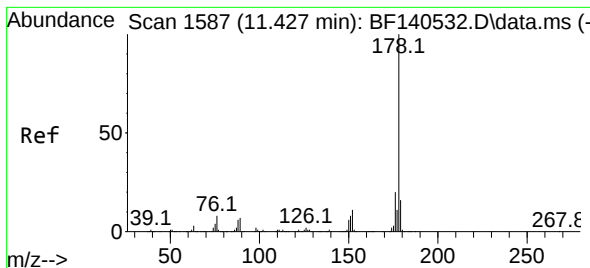
Delta R.T. -0.000 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Tgt Ion:266 Resp: 134911
 Ion Ratio Lower Upper
 266 100
 268 67.0 53.7 80.5
 264 63.1 49.8 74.8





#71

Phenanthrene

Concen: 51.031 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165432BSD

Tgt Ion:178 Resp: 74293

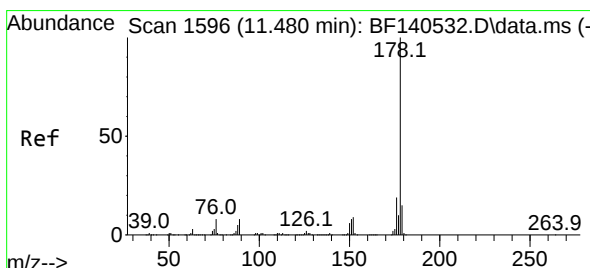
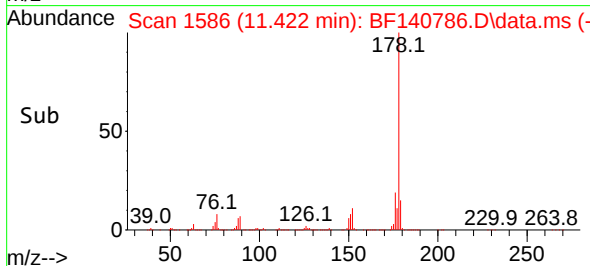
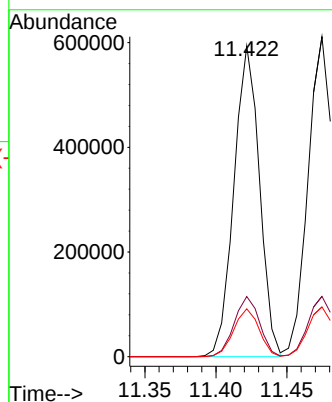
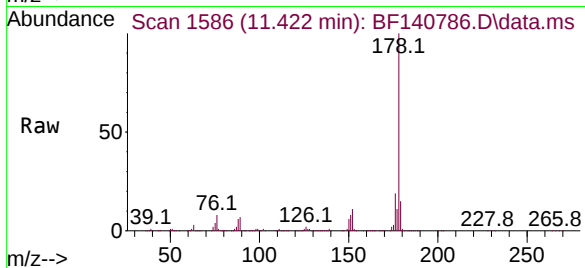
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.4	12.4	18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#72

Anthracene

Concen: 53.493 ng

RT: 11.475 min Scan# 1595

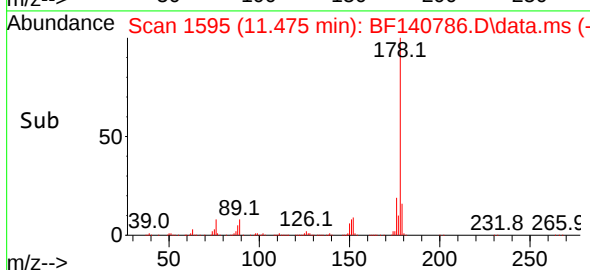
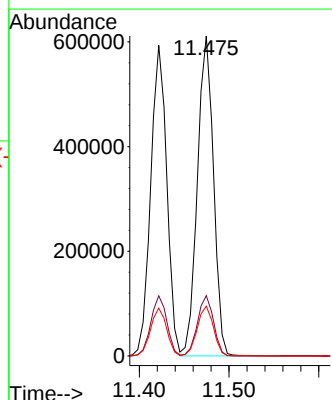
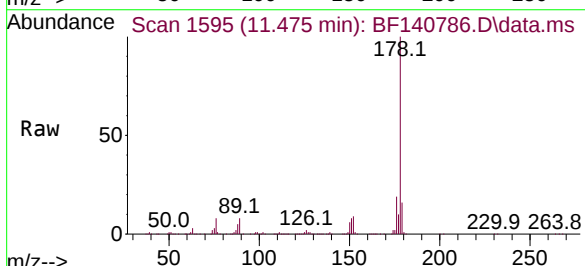
Delta R.T. -0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Tgt Ion:178 Resp: 761784

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.2	18.4





#73

Carbazole

Concen: 51.129 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165432BSD

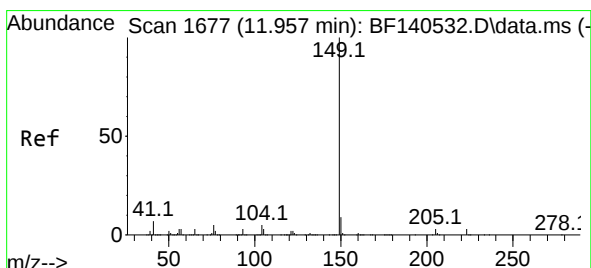
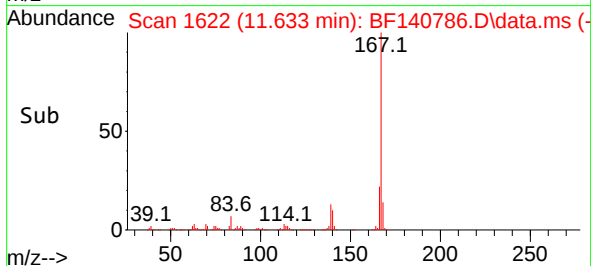
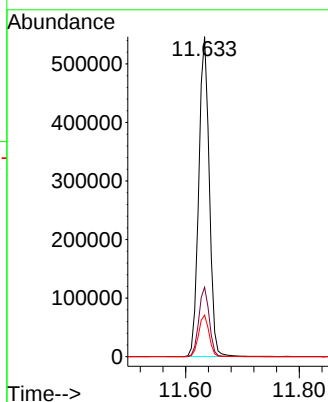
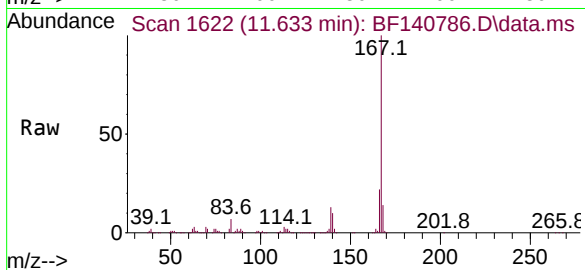
Tgt Ion:167	Resp: 700460
Ion Ratio	Lower Upper
167	100
166	21.7 17.2 25.8
139	13.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#74

Di-n-butylphthalate

Concen: 50.179 ng

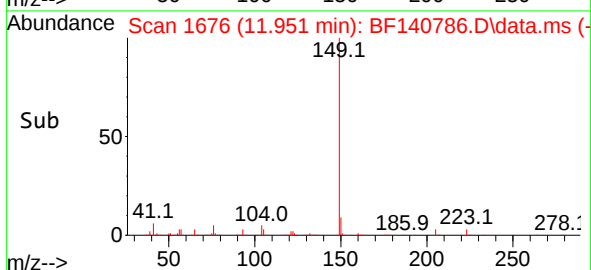
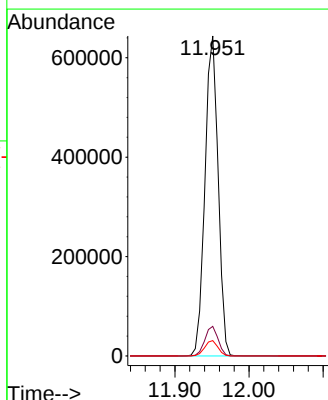
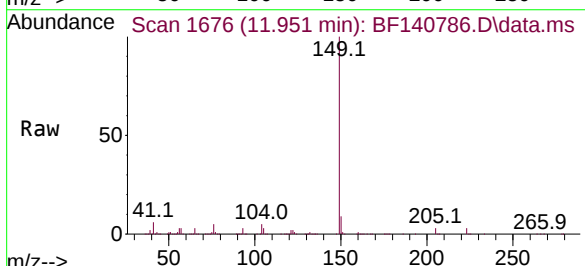
RT: 11.951 min Scan# 1676

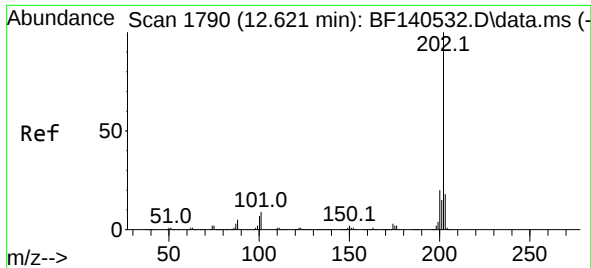
Delta R.T. -0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

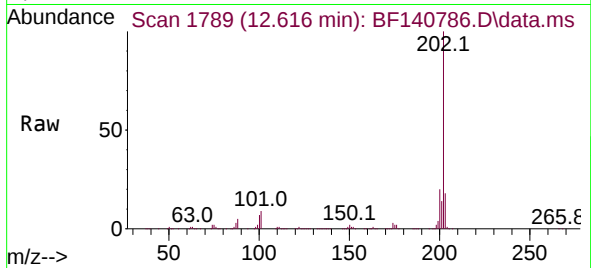
Tgt Ion:149	Resp: 793652
Ion Ratio	Lower Upper
149	100
150	9.3 7.5 11.3
104	4.8 4.1 6.1





#75
Fluoranthene
Concen: 52.336 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

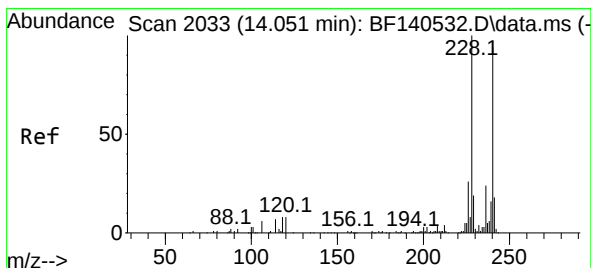
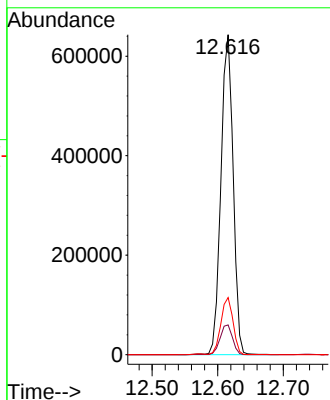
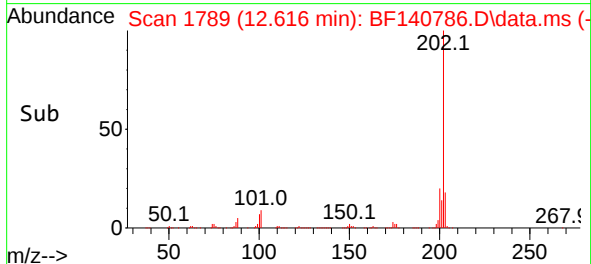
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



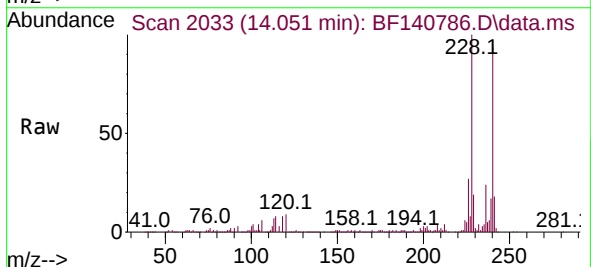
Tgt Ion:202 Resp: 82725
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.9 0.0 37.6

Manual Integrations
APPROVED

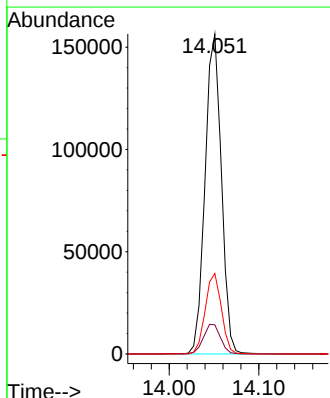
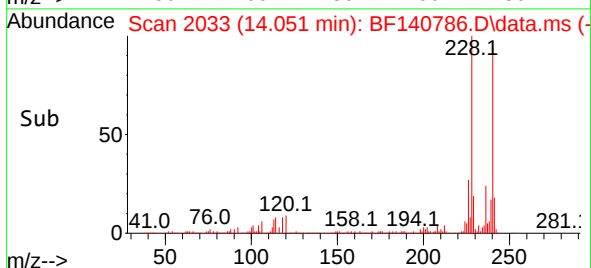
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

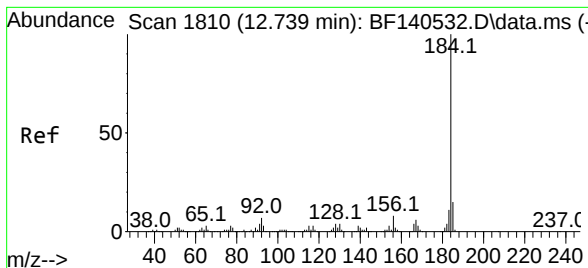


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



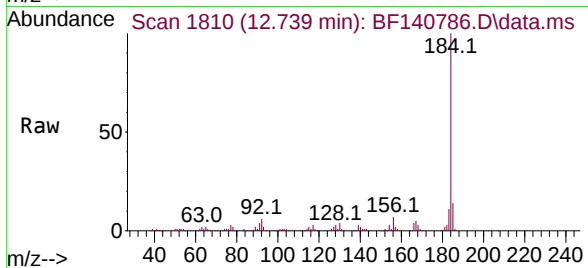
Tgt Ion:240 Resp: 197310
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.1 20.6 31.0





#77
Benzidine
Concen: 35.815 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

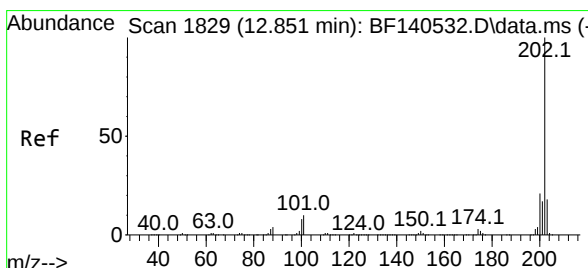
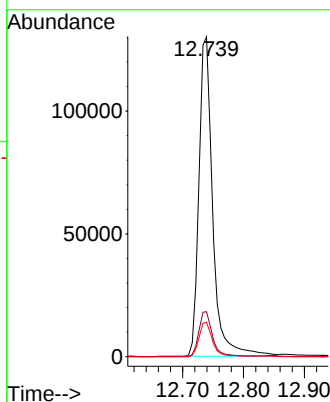
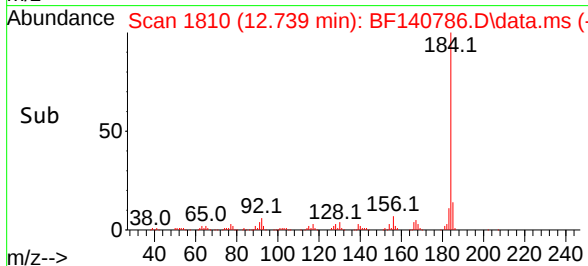
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



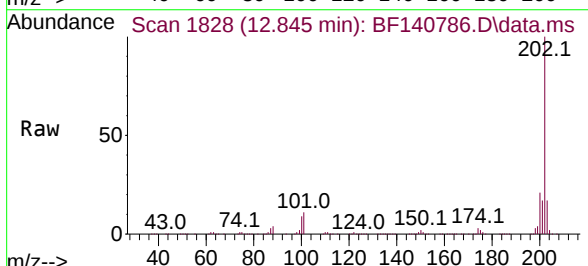
Tgt Ion:184 Resp: 205459
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.8 8.8 13.2

Manual Integrations
APPROVED

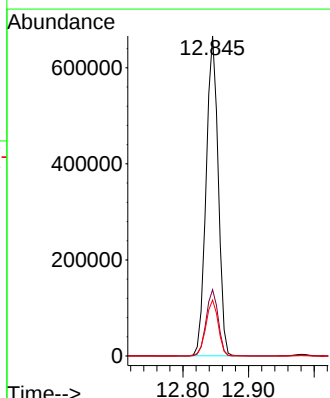
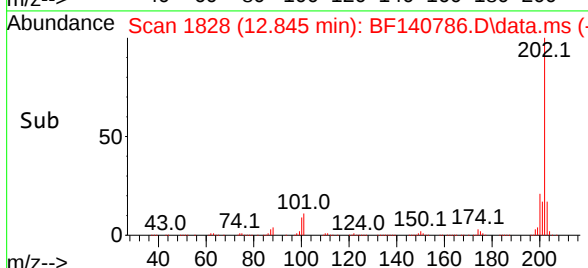
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

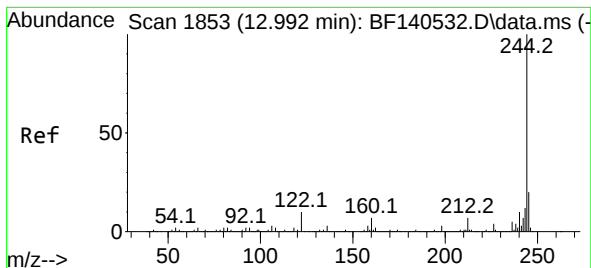


#78
Pyrene
Concen: 46.754 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



Tgt Ion:202 Resp: 852967
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 96.137 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165432BSD

Tgt Ion:244 Resp: 121819

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

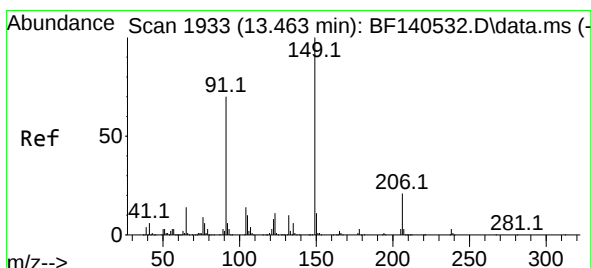
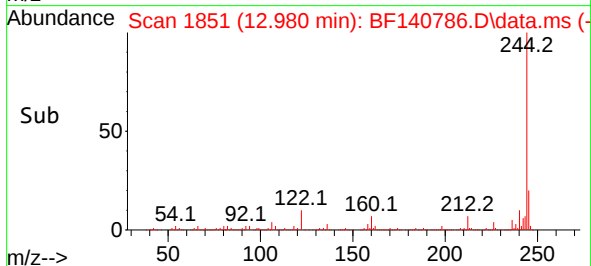
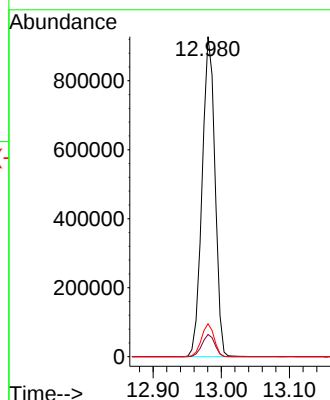
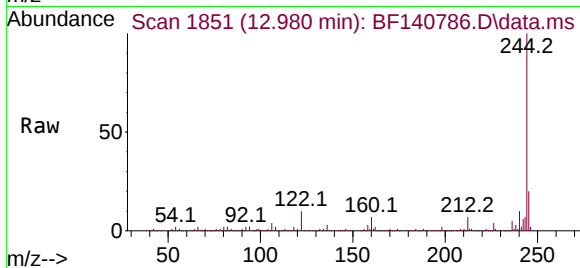
122 10.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 47.397 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

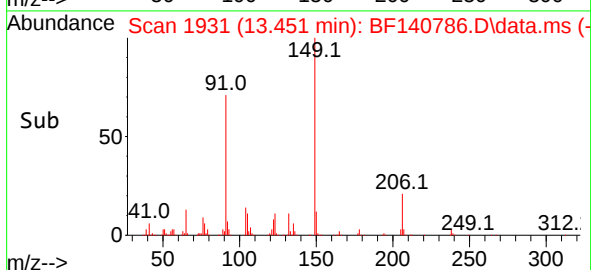
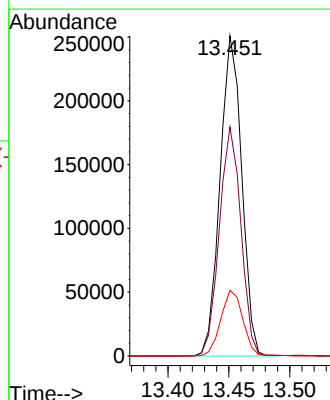
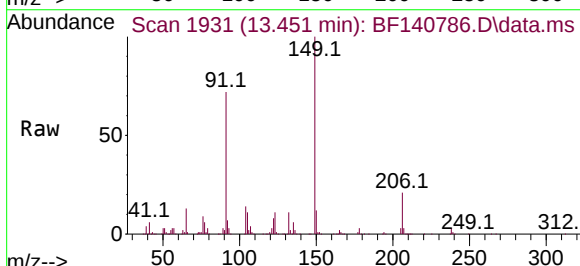
Tgt Ion:149 Resp: 311497

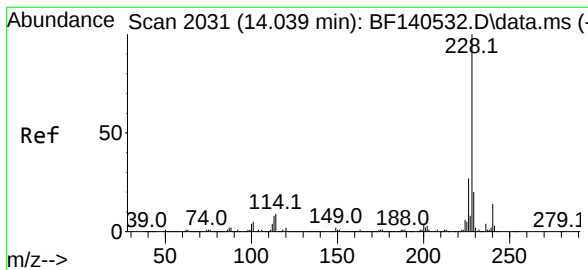
Ion Ratio Lower Upper

149 100

91 71.5 56.2 84.2

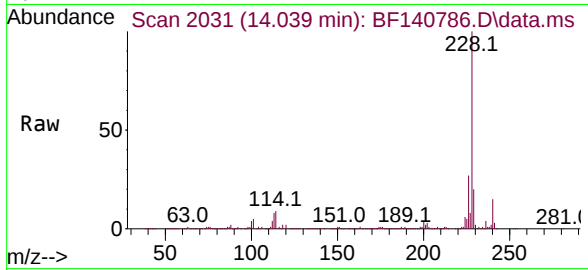
206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 51.920 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

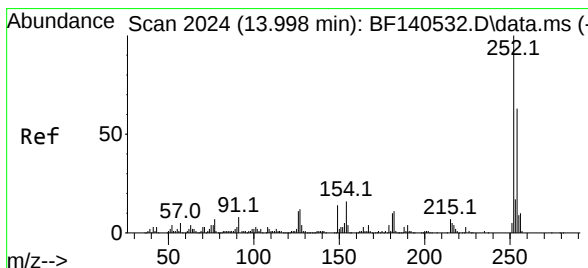
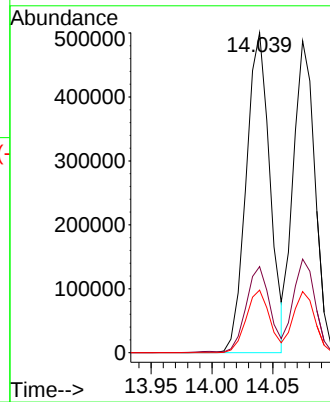
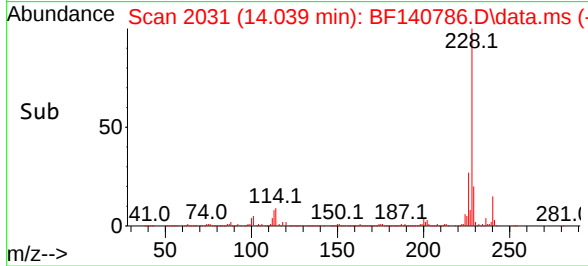
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



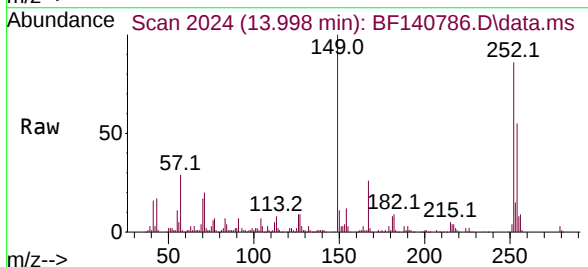
Tgt Ion:228 Resp: 678137
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.5 15.8 23.6

Manual Integrations
APPROVED

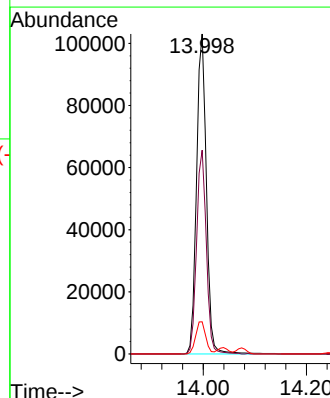
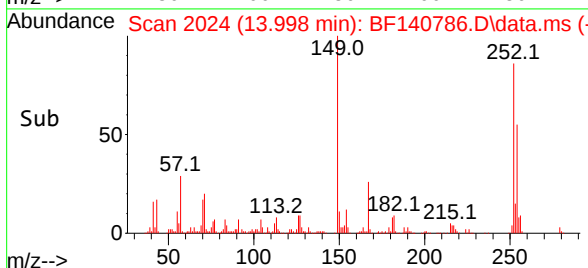
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 34.760 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



Tgt Ion:252 Resp: 136310
Ion Ratio Lower Upper
252 100
254 63.7 50.8 76.2
126 10.0 8.6 13.0





#83

Chrysene

Concen: 50.832 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165432BSD

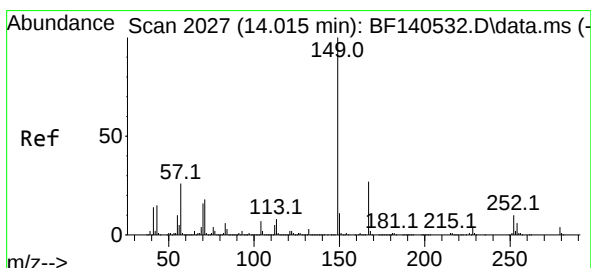
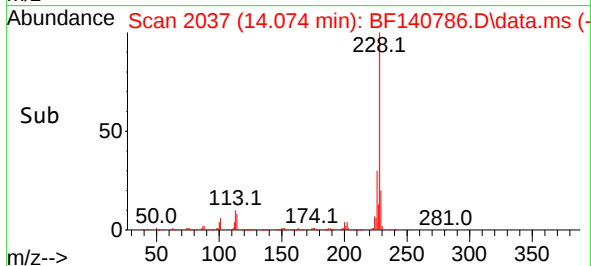
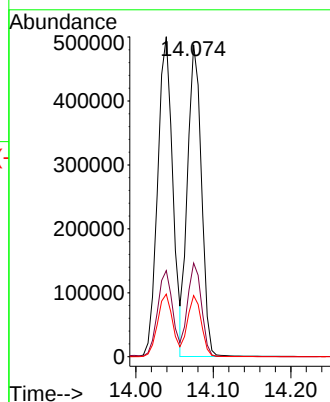
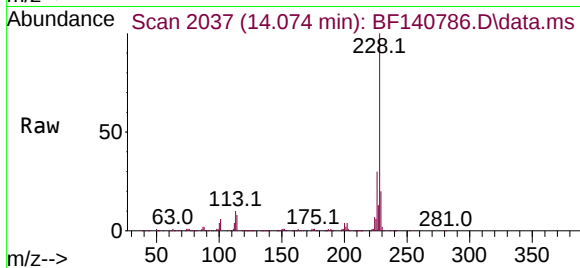
Tgt Ion:228 Resp: 607079
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.4 36.6
 229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.517 ng

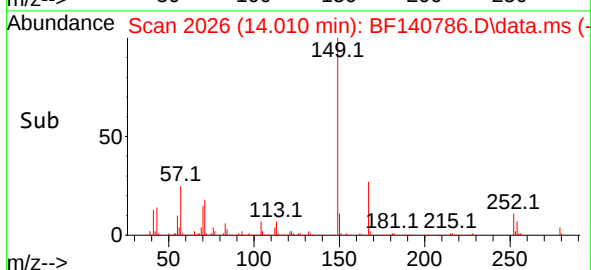
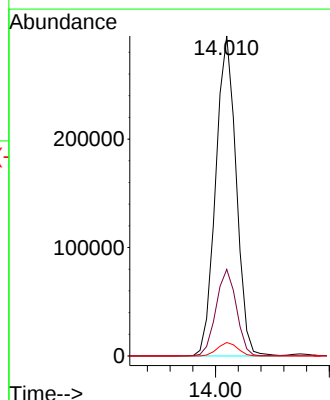
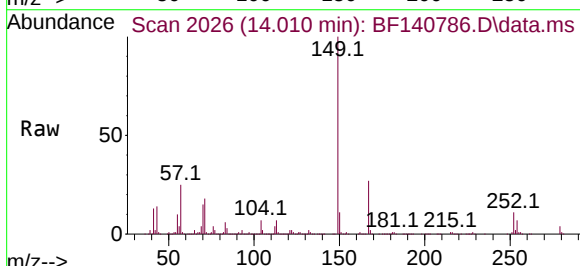
RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140786.D

Acq: 09 Dec 2024 13:39

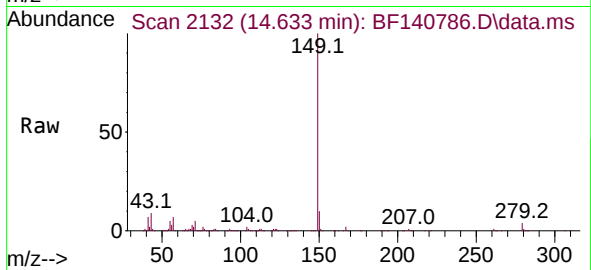
Tgt Ion:149 Resp: 369429
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.2 31.8
 279 4.2 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 42.223 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

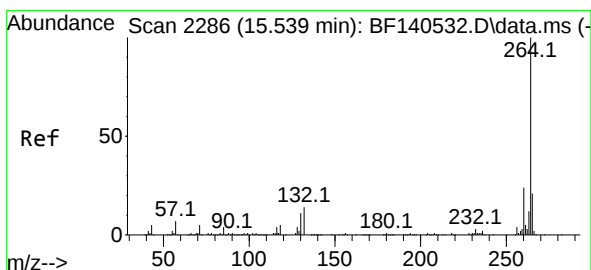
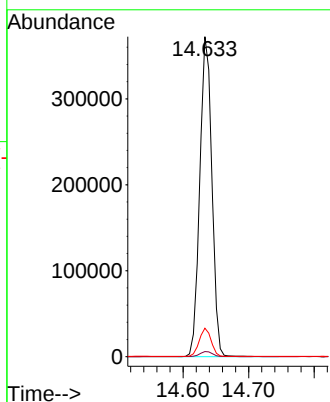
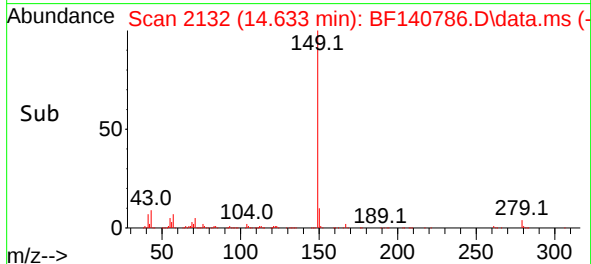
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



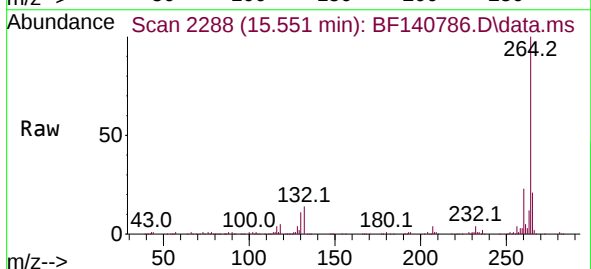
Tgt Ion:149 Resp: 47886
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.7 7.7 11.5

Manual Integrations
APPROVED

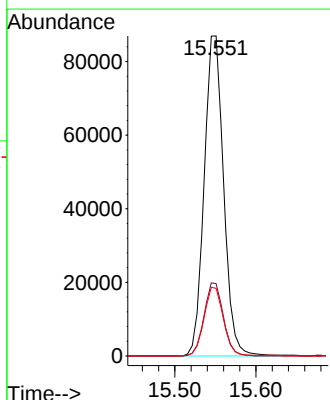
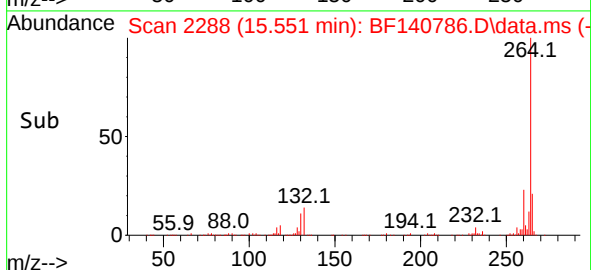
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

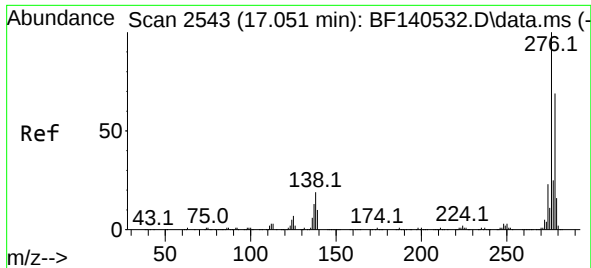


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39



Tgt Ion:264 Resp: 144540
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.6
265 21.1 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.461 ng
RT: 17.068 min Scan# 2113
Delta R.T. 0.018 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

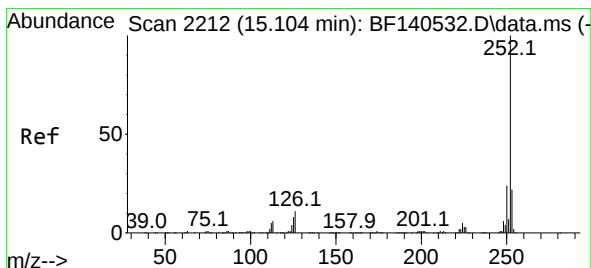
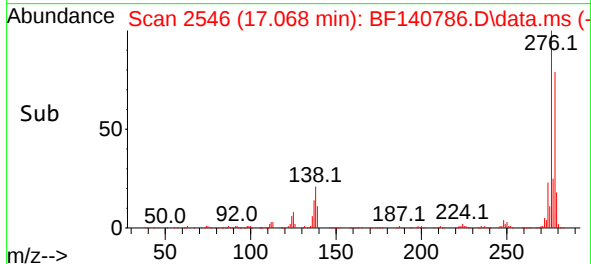
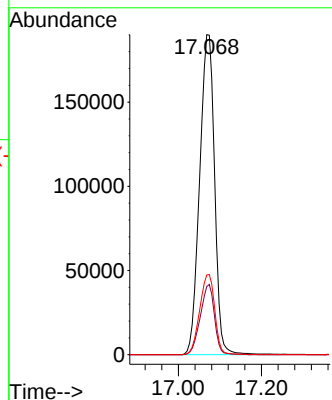
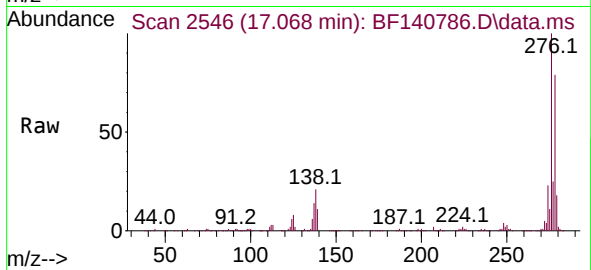
PB165432BSD

Tgt Ion:276 Resp: 475310
Ion Ratio Lower Upper
276 100
138 20.8 15.5 23.3
277 25.2 20.1 30.1

Manual Integrations

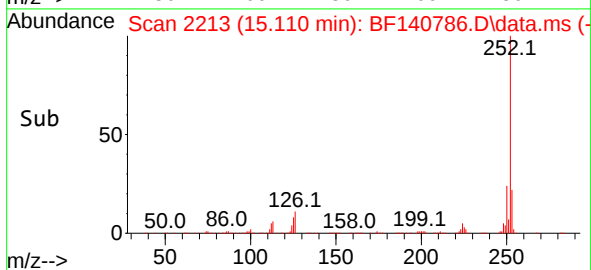
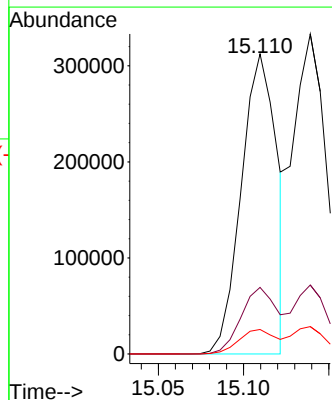
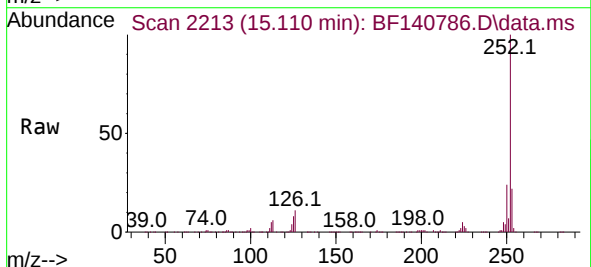
APPROVED

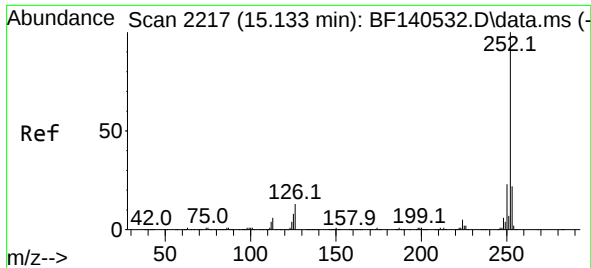
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#88
Benzo(b)fluoranthene
Concen: 49.812 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Tgt Ion:252 Resp: 452228
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 8.2 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 57.944 ng
RT: 15.139 min Scan# 2217
Delta R.T. 0.006 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

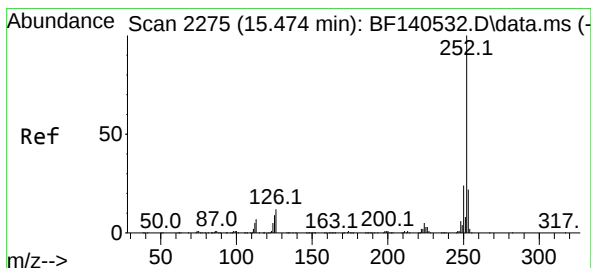
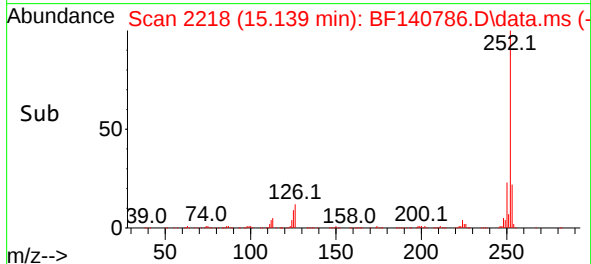
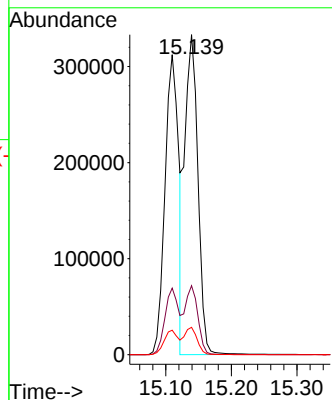
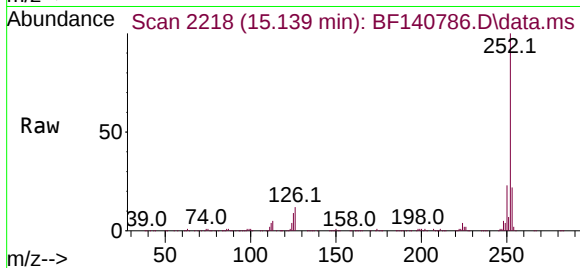
PB165432BSD

Tgt Ion:252 Resp: 460344
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.5 6.5 9.7

Manual Integrations

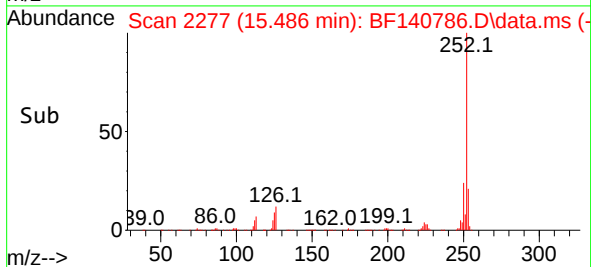
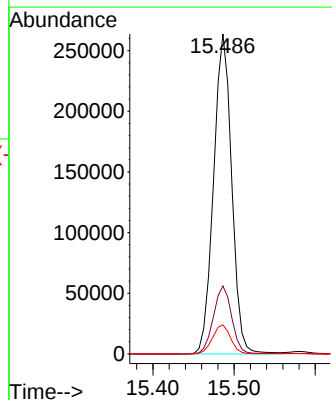
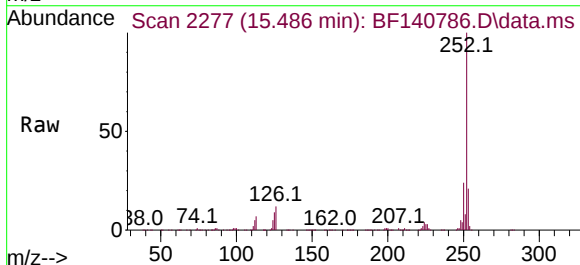
APPROVED

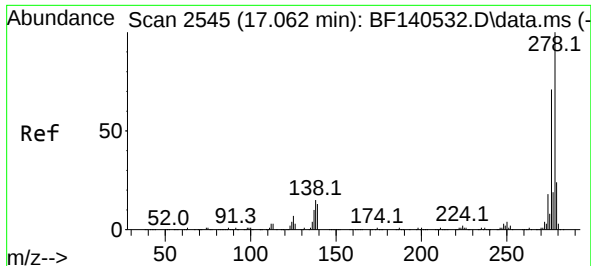
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#90
Benzo(a)pyrene
Concen: 55.471 ng
RT: 15.486 min Scan# 2277
Delta R.T. 0.012 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

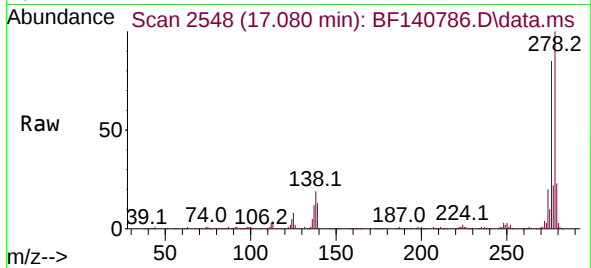
Tgt Ion:252 Resp: 409471
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 9.1 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 50.039 ng
RT: 17.080 min Scan# 2545
Delta R.T. 0.018 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

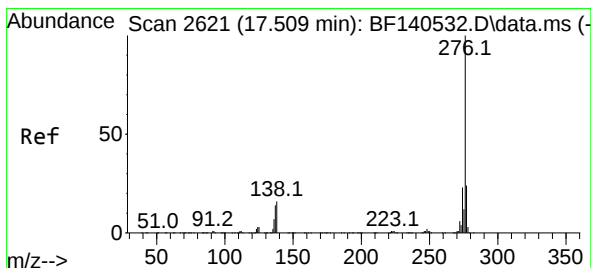
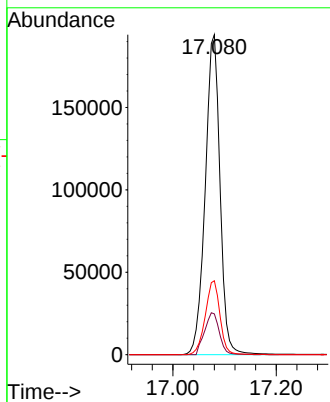
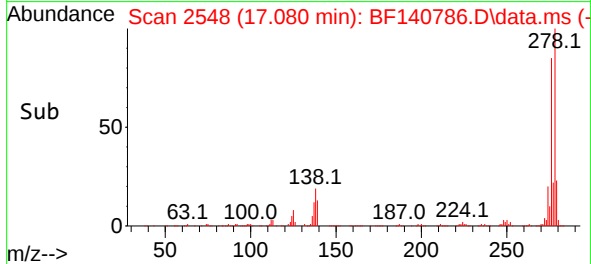
Instrument :
BNA_F
ClientSampleId :
PB165432BSD



Tgt Ion:278 Resp: 386012
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.1 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: 47.214 ng
RT: 17.527 min Scan# 2624
Delta R.T. 0.018 min
Lab File: BF140786.D
Acq: 09 Dec 2024 13:39

Tgt Ion:276 Resp: 371662
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 18.5 13.2 19.8

